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Lärmtechnische Betrachtung der Panzerteststrecke

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(Auszüge)

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Zusammenfassung

Die Krauss-Maffei-Wegmann in München-Allach (KMW) betreibt auf ihrem Gelände eine Panzerteststrecke für Rad- und Kettenfahrzeuge.

Es ergeben sich für die aktuelle Nutzung der Panzerteststrecke inklusive der zugehörigen Teilbereiche Beurteilungspegel für die Tagzeit, die zu einem Immissionsbeitrag an den maßgeblichen Immissionsorten im schutzbedürftigen Umfeld führen, der nach Nr. 3.2 der TA Lärm [5] als nicht relevant zu sehen ist.

Insgesamt ist festzustellen, dass durch den Betrieb der Teststrecke keine schädlichen Umwelteinwirkungen durch Geräusche hervorgerufen werden.

Dabei wurden die Schallemissionen unter Ansatz von beispielhaften Szenarien angesetzt. Anschließend wurden die Schallimmissionen an den maßgeblichen Immissionsorten bestimmt und mit den entsprechenden Anforderungen verglichen.

Die Untersuchung hat folgende Ergebnisse:

- Durch den Einsatz der genannten Fahrzeuge bei Einhaltung der maximalen Rundenzahlen kommt es zu keinen Überschreitungen der Immissionsrichtwertanteile.
- Zur Einhaltung der Immissionsrichtwertanteile sind auch Kombinationen der nachfolgenden Fahrzeuge möglich, jeweils als prozentuale Ausschöpfung der jeweils genannten maximalen Rundenzahlen je Fahrzeug, sofern die Summe 100 % nicht überschreitet. Unter folgenden Bedingungen ist eine Nutzung mit Bezug auf den jeweiligen Einsatztag möglich:
 1. Ausschließlicher Einsatz von Kettenfahrzeugen, die einen längenbezogenen Schalleistungspegel von $L_{WA} = 90 \text{ dB(A)/m}$ im Tagzeitraum nicht überschreiten.
 2. Ausschließlicher Einsatz von Radfahrzeugen, die einen längenbezogenen Schalleistungspegel von $L_{WA} = 91 \text{ dB(A)/m}$ im Tagzeitraum nicht überschreiten.
 3. Einsatz eines beliebigen anderen Fahrzeugs, das am Messpunkt MP 2 zu einem täglichen Beurteilungspegel $L_{r, \text{Tag}}$ von nicht mehr als 51,8 dB(A) führt, unter Berücksichtigung von Zuschlägen für Ton- und Informationshaltigkeit und für Impulshaltigkeit der TA Lärm [5].

Die Teststrecke soll werktags in der Zeit zwischen 07:00 Uhr und 20:00 Uhr befahren werden. Nachts und während der Ruhezeiten findet kein Testbetrieb statt.

Für den technischen Inhalt verantwortlich:



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Projektverantwortlicher

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1 Situation und Aufgabenstellung

Die Krauss-Maffei-Wegmann in München-Allach (KMW) betreibt auf ihrem Gelände eine Panzerteststrecke für Rad- und Kettenfahrzeuge. Diese besteht aus den nachfolgend aufgeführten Teilbereichen:

- Rundkurs für Fahrprüfungen,
- APG-Bahn zur Ermittlung der Stabilisierungsgüte,
- Bremsstrecke,
- Panzer-Laserstrecke 500 m,
- Panzer-Überschreitungsgraben,
- Watbecken,
- Wasserbecken für Unterwasserfahrten,
- überdachter 60 % Steilhang,
- 30 % Querhang,
- Panzertankstelle.

Die Teststrecke soll werktags in der Zeit zwischen 07:00 Uhr und 20:00 Uhr befahren werden. Nachts und während der Ruhezeiten findet kein Testbetrieb statt.

Es soll untersucht werden, welche Lärmimmissionen durch die aktuelle Nutzung entstehen. Zusätzlich zu den Fahrten auf den o. g. Teilbereichen wurden auch Rangierfahrten auf dem Anlagengelände mit betrachtet, hierfür wurden bis zu vier Fahrten täglich im Bereich zwischen Übergabe und Panzerabnahme über die Tankstelle bis zur Laserstrecke in Ansatz gebracht, um mit diesem Ansatz auch andere Fahrwege im räumlichen Zusammenhang mit der Panzerteststrecke sicher abzudecken. Als Stellvertreter-Fahrzeug wurde hierfür ein Leopard 1-Panzer angesetzt.

2 Schalltechnische Anforderungen

2.1 DIN 18005

Die Norm DIN 18005 "Schallschutz im Städtebau" [4] enthält unter Punkt 5.2 „Zuordnung von Flächen, ausreichende Abstände“ im Unterpunkt 5.2.3 für „Industrie- und Gewerbegebiete“ Angaben in Form von flächenbezogenen Schallleistungspegeln, die anzusetzen sind, sofern die Art der in einem Gebiet unterzubringender Anlagen nicht bekannt ist. Diese betragen im

- Industriegebiet, tags und nachts 65 dB(A)/m²,
- Gewerbegebiet, tags und nachts 60 dB(A)/m².

Aufgrund der innerörtlichen Lage wird in Übereinstimmung mit der Einschätzung des Referats für Gesundheit und Umwelt der Landeshauptstadt München für den Nachtzeitraum von einer eingeschränkten Nutzung ausgegangen, so dass der nächtliche flächenbezogene Schallleistungspegel für das gesamte Industriegebiet im Nachtzeitraum mit höchstens 50 dB(A)/m² angesetzt wird.

2.2 TA Lärm

Zur Beurteilung von gewerblichen Anlagen nach dem Bundes-Immissionsschutzgesetz (BImSchG [2]) ist die Technische Anleitung zum Schutz gegen Lärm vom 26. August 1998 (TA Lärm) mit der Änderung vom 01. Juni 2017 [5] heranzuziehen. Sie enthält folgende Immissionsrichtwerte in Abhängigkeit von der Gebietseinstufung:

Tabelle 1. Immissionsrichtwerte in dB(A) nach TA Lärm in Abhängigkeit von der Gebietseinstufung.

Gebietseinstufung	Immissionsrichtwerte in dB(A)	
	tags (06:00 bis 22:00 Uhr)	nachts (22:00 bis 06:00 Uhr)
Kurgebiete, Krankenhäuser, Pflegeanstalten	45	35
Reine Wohngebiete (WR)	50	35
Allgemeine Wohngebiete (WA), Kleinsiedlungsgebiete (WS)	55	40
Misch-, Kern- und Dorfgebiete (MI/MD/MK)	60	45
Urbane Gebiete (MU)	63	45
Gewerbegebiete (GE)	65	50
Industriegebiete (GI)	70	70

Einzelne, kurzzeitige Pegelspitzen dürfen die Immissionsrichtwerte tags um nicht mehr als 30 dB, nachts um nicht mehr als 20 dB überschreiten.

Aufgrund besonderer Verhältnisse kann die Nachtzeit bis zu einer Stunde hinausgeschoben oder vorverlegt werden. Maßgebend für die Beurteilung der Nacht ist die volle Nachtstunde mit dem höchsten Beurteilungspegel, zu dem die zu beurteilende Anlage relevant beiträgt.

Für folgende Zeiten ist ein Ruhezeitenzuschlag in Höhe von 6 dB anzusetzen:

an Werktagen:	06:00 Uhr bis 07:00 Uhr, 20:00 Uhr bis 22:00 Uhr,
an Sonn- und Feiertagen	06:00 Uhr bis 09:00 Uhr, 13:00 Uhr bis 15:00 Uhr, 20:00 Uhr bis 22:00 Uhr.

Für Immissionsorte in MI-/MD-/MK-Gebieten, MU-Gebieten sowie Gewerbe- und Industriegebieten ist dieser Zuschlag nicht zu berücksichtigen.

Die Immissionsrichtwerte beziehen sich auf die Summe aller auf einen Immissionsort einwirkenden Geräuschimmissionen gewerblicher Schallquellen. Geräuschimmissionen anderer Arten von Schallquellen (z. B. Verkehrsgeräusche, Sport- und Freizeitgeräusche) sind getrennt zu beurteilen.

Die TA Lärm enthält weiterhin u. a. folgende "besondere Regelungen" und Hinweise:

- Seltene Ereignisse

Können bei selten auftretenden betrieblichen Besonderheiten (an nicht mehr als zehn Tagen oder Nächten eines Kalenderjahres und an nicht mehr als zwei aufeinanderfolgenden Wochenenden) auch bei Einhaltung des Standes der Technik zur Lärminderung die Immissionsrichtwerte nicht eingehalten werden, kann eine Überschreitung zugelassen werden. Die Höhe der zulässigen Überschreitung kann einzelfallbezogen festgelegt werden; folgende Immissionshöchstwerte dürfen dabei nicht überschritten werden:

tags	70 dB(A),
nachts	55 dB(A).

Einzelne Geräuschspitzen dürfen diese Werte in Kur-, Wohn-, Misch- und Urbanen Gebieten tags um nicht mehr als 20 dB, nachts um nicht mehr als 10 dB überschreiten.

- Gemengelage

Wenn gewerblich genutzte Gebiete und Wohngebiete aneinandergrenzen, können die Immissionsrichtwerte für die Wohngebiete auf einen Zwischenwert der für die aneinandergrenzenden Gebietskategorien geltenden Werte erhöht werden. Die Immissionsrichtwerte für Kern-, Dorf- und Mischgebiete sollen dabei nicht überschritten werden. Es ist vorauszusetzen, dass der Stand der Lärm-minderungstechnik eingehalten wird.

Im Rahmen von schalltechnischen Beurteilungen erfolgt regelmäßig nach den Anforderungen der Nummer 7.3 der TA Lärm [5] eine Betrachtung von Geräuschmmissionen mit vorherrschenden Energieanteilen im Frequenzbereich unter 90 Hz (tieffrequente Geräusche).

Tieffrequente Geräusche werden entsprechend Nummer 7.3 der TA Lärm und Nummer A 1.5 der TA Lärm nach DIN 45680 mit den im Beiblatt 1 genannten Anhaltswerten verglichen.

Seit September 2013 ist nunmehr eine Neufassung der DIN 45680 „Messung und Beurteilung tieffrequenter Geräuschmissionen“ sowie ein dazugehöriges Beiblatt 1 als Entwurf („Gelbdruck“) verfügbar ([14], [15]), das bisher daher nur als zusätzliche Erkenntnisquelle ohne Bindungswirkung heranziehbar ist.

2.3 DIN 45680

Für Geräusche, die vorherrschende Energieanteile im Frequenzbereich unter 90 Hz (tieffrequente Geräusche) besitzen, ist nach Nummer 7.3 der TA Lärm [5] im Einzelfall nach den örtlichen Verhältnissen zu beurteilen, ob von ihnen schädliche Umwelteinwirkungen ausgehen.

Schädliche Umwelteinwirkungen können dabei insbesondere auftreten, wenn bei deutlich wahrnehmbaren tieffrequenten Geräuschen **innerhalb** schutzbedürftiger Räume bei geschlossenen Fenstern die nach Nummer A.1.5 des Anhangs der TA Lärm [5] ermittelte Differenz $L_{Ceq} - L_{Aeq}$ den Wert 20 dB überschreitet.

Die Beurteilung erfolgt in Abhängigkeit von der Geräuschart nach DIN 45680 nach zweierlei Verfahren auf

- deutlich hervortretende Einzeltöne sowie Prüfung und Bewertung der tieffrequenten Geräusche und
- ohne deutliche hervortretende Einzeltöne.

2.3.1 Prüfung und Bewertung auf deutlich hervortretende Einzeltöne

Zunächst geschieht für das tieffrequente Geräusch eine Vorerhebung, indem die Differenz zwischen den mit der C- und der A-Bewertung versehenen energieäquivalenten Dauerschalldruckpegeln gebildet wird.

Dabei ist die Ermittlung der energieäquivalenten Dauerschalldruckpegel $L_{Ceq,T}$ und $L_{Aeq,T}$ für die Vorerhebung über den Schall am Beurteilungsort auszuführen. Bei einer Differenz der beiden Schallpegel von mehr als 20 dB handelt es sich um tieffrequenten Schall und es hat eine Terzanalyse zu erfolgen.

Die deutlich hervortretenden tieffrequenten Einzeltöne sind nach Abschnitt 5.2.2 der DIN 45680 zu prüfen.

Zur Bildung des Terz-Beurteilungspegels $L_{Terz,r}$ wird zunächst der äquivalente Dauerterzpegel $L_{Terz,eq}$ über die Einwirkdauer T_e gemessen. Die Messdauer sollte sich in der Regel über einen gesamten Immissionszyklus erstrecken.

Aus den Messwerten ist der Terz-Beurteilungspegel $L_{Terz,r}$ entsprechend der Gesamteinwirkungsdauer T_e der Geräusche und der Beurteilungszeit T_r zu errechnen.

Die Bewertung erfolgt nach Abschnitt 5.2.3 der DIN 45680. Es sind die Terz-Beurteilungspegel $L_{\text{Terz},r}$ in den Terzbändern von 8 Hz bis 100 Hz zu bewerten. Die Auswertung der Messwerte geschieht nach Anhang A der DIN 45680.

Die gemessenen Terz-Beurteilungspegel $L_{\text{Terz},r}$ werden mit den Werten der Hörschwellenkurve L_{HS} verglichen.

Durch den Vergleich der Terz-Beurteilungspegel mit den Hörschwellenpegeln L_{HS} kann das Vorhandensein eines Einzeltones oder mehrerer Einzeltöne nachgewiesen werden.

Tabelle 2. Hörschwellenpegel L_{HS} in Abhängigkeit von der Terzmittenfrequenz nach DIN 45680 [12].

Terzmittenfrequenzen in Hz	Pegel L_{HS} in dB
8	103
10	95
12,5	87
16	79
20	71
25	63
31,5	55,5
40	48
50	40,5
63	33,5
80	28
100	23,5

Ob eine erhebliche Belästigung vorliegt, ergibt sich aus der Gegenüberstellung der Terz-Beurteilungspegel mit den Anhaltswerten in Tabelle 3.

Im Allgemeinen liegen keine erheblichen Belästigungen durch tieffrequente Geräuschmissionen vor, wenn die Anhaltswerte nicht überschritten werden. Die in der Tabelle 3 genannten Anhaltswerte gelten in Aufenthaltsräumen, die Wohnzwecken dienen, und in Räumen mit vergleichbarer Schutzwürdigkeit – unabhängig von der Lage des Gebäudes.

Tabelle 3. Anhaltswerte bei deutlich hervortretenden Einzeltönen nach DIN 45680 Beiblatt 1 [13].

Beurteilungszeit	Differenzen							
	ΔL_1				ΔL_2			
	dB				dB			
	bei Terzmittenfrequenz				bei Terzmittenfrequenz			
	8 Hz	10 – 63 Hz	80 Hz	100 Hz	8 Hz	10 – 63 Hz	80 Hz	100 Hz
Tagesstunden	5	5	10	15	15	15	20	25
Nachtstunden	0	0	5	10	10	10	15	20

ANMERKUNG: Die Terzen mit den Mittenfrequenzen von 8 Hz oder 100 Hz sollen nur in Sonderfällen berücksichtigt werden (siehe DIN 45680).

Die Differenzen ΔL_1 und ΔL_2 werden wie folgt gebildet:

$$\Delta L_1 = L_{\text{Terz},r} - L_{\text{HS}}$$

$$\Delta L_2 = L_{\text{Terz},F_{\text{max}}} - L_{\text{HS}}$$

Dabei ist:

$L_{\text{Terz},r}$ bzw. $L_{\text{Terz},F_{\text{max}}}$ der Terzbandpegel des hervortretenden Einzeltones,
 L_{HS} der zugehörige Hörschwellenpegel nach DIN 45680.

Zur Prüfung, ob das untersuchte tieffrequente Geräusch einen deutlich hervortretenden Einzelton enthält, werden die Werte von $L_{\text{Terz},r}$ in benachbarten Terzen miteinander verglichen. Das Geräusch enthält einen deutlich hervortretenden Einzelton, wenn die Differenz zwischen $L_{\text{Terz},r}$ in einer Terz und den entsprechenden Pegeln in den beiden benachbarten Terzen größer als 5 dB ist. Diese Bedingung ist in der Regel jedoch kein hinreichender Indikator auf einen Einzelton. Daher kann dieses Kriterium nur dann verwendet werden, wenn auch durch einen Höreindruck, d. h. die Tonhöhenempfindung oder Ortsabhängigkeit des Schalldruckes im Raum, ein Einzelton vorliegt.

2.3.2 Prüfung und Bewertung tieffrequenter Geräusche ohne deutlich hervortretende Einzeltöne

Enthält das zu beurteilende Geräusch keinen deutlich hervortretenden Einzelton, so sind die A-bewerteten Terz-Beurteilungspegel $L_{\text{Terz},i}$ im Bereich von 10 Hz bis 100 Hz energetisch zu addieren. Dabei bleiben Terzen, in denen der Terz-Beurteilungspegel kleiner als der zugehörige Wert von L_{HS} ist, unberücksichtigt.

Die tieffrequenten Geräusche werden mit Hilfe der A-bewerteten Terz-Beurteilungspegel $L_{\text{Terz},i}$ im Bereich von 10 Hz bis 100 Hz bewertet. Dazu werden die A-bewerteten Terz-Beurteilungspegel über zwölf Terzen energetisch addiert. Dabei bleiben Terzen, in denen der Terz-Beurteilungspegel kleiner als der zugehörige Wert des Hörschwellenpegels L_{HS} ist, unberücksichtigt. Als Ergebnis erhält man den A-bewerteten Beurteilungspegel L_r . Er ist mit den Anhaltswerten nach Tabelle 4, Zeile 1 zu vergleichen.

Für die Tageszeit beträgt der Anhaltswert $L_{r,\text{Anhaltsw.}} = 35$ dB. Dieser Wert wird mit dem A-bewerteten Beurteilungspegel L_r (10 Hz bis 100 Hz) verglichen. Bei der Überschreitung der Anhaltswerte kann eine Belästigung ohne Prüfung des Einzelfalls nicht sicher ausgeschlossen werden.

Die Korrekturwerte K_{A_i} der notwendigen A-Bewertung sind in Beiblatt 1 zur DIN 45680, Anhang B angegeben.

Tabelle 4. Anhaltswerte in sonstigen Fällen nach DIN 45680, Beiblatt 1 [13].

Beurteilungszeit	L_r	L_{AFmax}
	(10 Hz bis 100 Hz)	(10 Hz bis 100 Hz)
	dB(A)	dB(A)
Tagesstunden	35	45
Nachtstunden	25	35

Anmerkungen:

Die TA Lärm [5] enthält nach Nummer A 2.1 kein Prognoseverfahren für die Berechnung von Körperschallübertragungen und für die Geräuschübertragung innerhalb von Gebäuden. Ebenso enthält die DIN 45680 [12] als reine Messnorm – auch in der aktuell vorliegenden Entwurfsfassung [14] – keine Regelungen zur Prognose tieffrequenter Geräusche innerhalb geschlossener Räume.

Im Rahmen von schalltechnischen Untersuchungen für geplante Anlagen bzw. Betriebszustände erfolgt daher im Hinblick auf tieffrequente Geräuschimmissionen häufig eine Prognose eines Rauminnenpegels nach verschiedenen Veröffentlichungen (z. B. [16], [17], [18]) zu dieser Thematik und eine anschließende Bewertung orientierend an der DIN 45680 ([12] und [13]).

Zur hilfsweisen Berechnung eines Rauminnenpegels innerhalb geschlossener Räume wird dabei u. a. vom durch eine Schallausbreitungsberechnung prognostizierten Schalldruckpegel in einem Abstand von 0,5 m vor dem geöffneten Fenster (Außenpegel) eine Pegeldifferenz ΔL abgezogen, welche die Pegelabnahme beim „Schall-

durchtritt“ durch die Außenbauteile des betrachteten Gebäudes repräsentiert ([17], [18]).

Da Untersuchungen nach DIN 45680 [12] innerhalb von Wohnräumen vorgesehen und von der Lage im jeweiligen Zimmer abhängig sind, gibt es seit längerem Bestrebungen behördlicherseits, den Messort ins Freie zu verlegen. Auf diese Weise können Untersuchungen zu tieffrequenten Geräuschen zusammen mit Abnahmemessungen gemäß TA Lärm vorgenommen werden. Hierfür sind Annahmen für eine Grenzkurve erforderlich, die den Pegelunterschied zwischen einer Messung im Raum und einer Messung außen vor diesem Gebäude berücksichtigt. Der betrachtete, erweiterte Frequenzbereich reicht von der Terz mit der Mittenfrequenz von 8 Hz bis zur Terz mit der Mittenfrequenz von 100 Hz.

2.4 Maßgebliche Immissionsorte

Relevante, rechtskräftige Bebauungspläne liegen nach Angaben der Landeshauptstadt München (Internet) nur für das Gewerbegebiet westlich der Bahnstrecke als GE-Gebiet (Bebauungsplan Nr. 2103) und für die Streusiedlung an der Storchenstraße als Reines Wohngebiet (Bebauungsplan Nr. 1871) vor.

Die nachfolgende Tabelle stellt eine Übersicht der zu betrachtenden Immissionsorte dar:

Tabelle 5. Maßgebliche Immissionsorte (mit angesetztem Schutzbedarf), die zugehörigen Immissionsrichtwerte **IRW** nach TA Lärm in dB(A) sowie pauschal reduzierte Immissionsrichtwertanteile **IRW_{pausch}** in dB(A) als Kennzeichnung der Relevanzgrenze des Anteils der Lärmbelastung in Bezug auf den angesetzten Immissionsrichtwert.

Immissionsort		IRW nach TA Lärm in dB(A)		IRW _{pausch} in dB(A)	
Nr.	Bezeichnung	tags	nachts	tags	nachts
IO 1	Mayrstraße 3 (WA)	55	40	49	34
IO 1a	Peter-Müller-Straße 4 (WA)	55	40	49	34
IO 2	Georg-Reismüller-Straße 19 (WA)	55	40	49	34
IO 2a	Georg-Reismüller-Straße 31c (WA)	55	40	49	34
IO 3	Tubeufstraße 18 (MI)	60	45	54	39
IO 4	Storchenweg 22 (WR)	50	35	44	29
IO 5	Ludwigsfelder Straße 49 (MI)	60	45	54	39

Zusätzlich wurden zur Information weitere Immissionsorte eingefügt, die zwar nicht maßgeblich für die Bewertung der Einhaltung der Immissionsrichtwerte sind, jedoch helfen, ein noch besseres Bild der Schallsituation im Umfeld zu gewinnen:

Tabelle 6. Zusätzliche Immissionsorte (mit angesetztem Schutzbedarf), die zugehörigen Immissionsrichtwerte **IRW** nach TA Lärm in dB(A) sowie pauschal reduzierte Immissionsrichtwertanteile **IRW_{pausch}** in dB(A) als Kennzeichnung der Relevanzgrenze des Anteils der Lärmbelastung in Bezug auf den angesetzten Immissionsrichtwert.

Immissionsort		IRW nach TA Lärm in dB(A)		IRW _{pausch} in dB(A)	
Nr.	Bezeichnung	tags	nachts	tags	nachts
IO 6	Reinhard-von-Frank-Straße 20a (GI)	70	70	64	64
IO 7	Tubeufstraße 19b (GI)	70	70	64	64
IO 8	Docenstraße 3 (MI)	60	45	54	39

Die Lage der Immissionsorte ist dem Lageplan in Anhang A zu entnehmen. Sie wurde in Abstimmung mit dem Referat für Gesundheit und Umwelt (RGU) der Landeshauptstadt München festgelegt.

Für die nachfolgende Betrachtung der derzeitigen Gewerbe Geräuschsituation aus der Nutzung der Teststrecke wird für Bereiche mit bereits bestehender Vorbelastung durch Gewerbelärm anderer Betriebe (GI Junkersgelände, GI östlich Storchweg, ehemaliges Diamalt-Gelände, GI Krauss-Maffei-Group) angenommen, dass pauschal um 6 dB(A) reduzierte Immissionsrichtwerte den bestehenden Lärmeinwirkungen gegenüberzustellen sind.

Im nördlich von KMW gelegenen Wohngebiet (IO 1 und IO 1a) dominieren durch die räumliche Nähe und Größe der Industriegebietsfläche die gewerblichen Lärmeinwirkungen durch den Bestandsbetrieb von KMW. Hauptlärmquelle aus dem Betrieb von KMW ist die ebenerdige Panzerteststrecke im Freien. Der obige Ansatz pauschal reduzierter Immissionsrichtwerte stellt somit eine stark reglementierende planerische Maßnahme zur Reduktion der gewerblichen Lärmeinwirkungen in einem Gebiet mit historisch gewachsenen Strukturen dar. Er ist daher geeignet, hier die Immissionsrichtwerte für die Summe aller gewerblichen Geräuscheinwirkungen einzuhalten. Eine weitere Reduktion wäre nicht nur entgegen dem Grundsatz gegenseitiger Rücksichtnahme, sondern widerspräche auch einem ausgewogenen Lärmschutzkonzept für das Umfeld des Standortes, da es technisch unsinnig ist, eine nahe Lärmquelle weiter zu reduzieren, wenn hingegen die Höhe der Einwirkungen aus entfernteren Lärmquellen die nahe Quelle überdecken würden. Dies ist hier jedoch nicht der Fall. Mit zunehmender Nähe zum westlich gelegenen Junkersgelände nimmt zugleich die Einwirkung aus der Panzerteststrecke ab, so dass der IO 1a auch von einem geringeren Lärmniveau aus der Panzerteststrecke beaufschlagt wird und eine ausreichende Reserve für die Lärmanteile anderer möglicher Gewerbebetriebe auf dem Junkersgelände, von „VE Recycling“ im Nordwesten sowie den als gewerbliche Lärmeinwirkungen einzustufenden Lärmanteilen aus dem Rangierbahnhof (Bahnbetriebswerk) gegeben sind.

Am IO 2 und IO 2a stellen KMW und die Krauss-Maffei Group die flächenmäßig mit Abstand größten Industriegebietsflächen östlich der Bahnstrecke München – Ingolstadt dar. Da die gewerblichen Nutzungen des Diamalt-Geländes derzeit und zukünftig für sich zu keiner Vollausschöpfung oder Überschreitung der Immissionsrichtwerte führen werden, ist auch hier der Ansatz pauschal reduzierter Immissionsrichtwerte geeignet, die Immissionsrichtwerte für die Summe aller gewerblichen Geräuscheinwirkungen einzuhalten.

Am IO 3 südlich der Tubeufstraße sind aus dem aktuellen Flächennutzungsplan die (historischen) planerischen Vorstellungen der Landeshauptstadt München hinsichtlich einer schutzmindernden Situationsbelastung in Form der Lage innerhalb einer Industriegebietsfläche ersichtlich. Hier grenzt unmittelbar das Industriegebiets-Grundstück der Krauss-Maffei Group an. Der hier verwendete Ansatz der Schutzwürdigkeit eines Mischgebietes in Verbindung mit dem vorgenommenen Ansatz pauschal reduzierter Immissionsrichtwerte ist daher auch hier geeignet, die Immissionsrichtwerte für die Summe aller gewerblichen Geräuscheinwirkungen einzuhalten.

Für die Hackersiedlung mit dem maßgebenden Immissionsort IO 4 ist von einer dominierenden gewerblichen Vorbelastung durch das benachbarte Industriegebiet östlich des Storchenweges auszugehen. Aufgrund der tatsächlichen Verhältnisse, ohne aktiven Schallschutz entlang des Schutzgürtels zwischen dem östlich gelegenen Industriegebiet und den Wohngebäuden und ohne Auflagen zum Lärmschutz für den Bestand auf dem östlichen Industriegebiet, ist derzeit aufgrund der Vorbelastung von einem tatsächlichen Schutzanspruch eines Mischgebietes für die Hackersiedlung und dem IO 4 auszugehen. Durch den Ansatz der Schutzwürdigkeit eines Allgemeinen Wohngebietes zusammen mit dem vorgenommenen Ansatz pauschal reduzierter Immissionsrichtwerte wird vorsorglich planerisch eine lärmtechnische Optimierung und Reduktion der Lärmeinwirkung auf das Umfeld vorgegeben.

Am IO 5, nordöstlich an der Ludwigsfelder Straße gelegen, ist ähnlich wie bei den Immissionsorten IO 1 und IO 1a, die Panzerteststrecke die Hauptlärmquelle aus der das Gebiet dominierenden Industriegebietsfläche von KMW. Der Ansatz pauschal reduzierter Immissionsrichtwerte ist daher hier ebenfalls geeignet, die Immissionsrichtwerte für die Summe aller gewerblichen Geräuscheinwirkungen einzuhalten.

Der IO 6 zeigt die Schallsituation am nächstgelegenen der beiden Wohngebäude an der Reinhard-von-Frank-Str. 20a. Diese beiden Gebäude befinden sich inmitten industrieller Nutzungen und liegen südlich der Krauss-Maffei-Straße, ohne räumliche Trennung sowohl mit West- und Nordseite direkt mit den Mitarbeiter-Parkplätzen des gesamten Industriegebietes verbunden. Im Süden grenzt unmittelbar ein Lagerplatz für Baumaterialien und Container mit diversen einstöckigen Lagerhallen an. Der Charakter der Gebäude gleicht Betriebsleiterwohnungen bzw. vormals üblichen Häusern von Reihenhaushalten, wofür auch die weiter südlich anschließenden ehemaligen Arbeiterwohnheime sprechen.

Weiter südlich schließen dann die Flächen mit einem Gebäuderiegel entlang der Tubeufstraße und sechs Einzelhäusern sowie einem weiteren Gebäude einer Funk- und Fernmeldeanlage an. Es handelt sich einerseits um ehemalige Bürogebäude (Einzelhäuser) sowie um Betriebswohnungen/Arbeiterwohnheime (räumliche Nähe zum Industriegebiet „Krauss-Maffei“), die wiederum direkt an die Kantinengebäude angrenzen. Bereits im Wirtschaftsplan von 1958 wird der gesamte Bereich als Indus-

triebsgebiet gekennzeichnet, daher ist von einer bereits historischen Zusammengehörigkeit all dieser Flächen auszugehen. Zur Darstellung, welcher Lärm auf diese Flächen einwirkt, wurde der IO 7 an der Nordfassade des Gebäudes Tubeufstraße 19b eingeführt. Dieses Gebäude ist das einzige in erster Baureihe mit Fenstern zur Nordfassade und damit repräsentativ für die höchsten Lärmeinwirkung im Bereich dieser GI-Flächen.

Der IO 8 zeigt die Schallsituation im Bereich der Docenstraße, einem Bereich mit zwei Wohngebäuden im Außenbereich.

3 Schallemissionen

3.1 Schallemissionen Testfahrbahn und zugehörige Anlagen

Für den aktuellen Betrieb der bestehenden Testfahrbahn sowie den zugehörigen Anlagen/Teilbereichen wurden die Emissionsdaten gemäß Kapiteln 6.4 „Oktavbezogene längenbezogene Schalleistungspegel für die Panzerteststrecke für zukünftige Schallausbreitungsrechnungen bis in die Wohnnachbarschaft“, Fahrsituationen und längenbezogener Schalleistungspegel für den 1 km langen Rundkurs in Aufzählung auf Blatt 34 sowie 6.7 „Berechnung der Schalleistungspegel der Rad- und Kettenfahrzeuge bei ihrer Fahrt im übrigen Anlagengelände“ aus [9], Tabelle 8 auf Blatt 46f, entnommen

Grundsätzlich erfolgen lärmrelevante Nutzungen nur tagsüber an Werktagen im Zeitraum von 07:00 Uhr bis 20:00 Uhr.

Aus dem Gutachten zu den durchgeführten Schallmessungen [9] geht aus Anmerkung 1 zu Tabelle 4 auf Blatt 29 auch hervor, dass die zeitliche Dauer einer Runde, auf dem ca. 1 km langen Rundkurs bei einer mittleren gefahrenen Geschwindigkeit von 30 km/h genau 2 Minuten beträgt.

Die maximal mögliche Rundenzahl beträgt daher 390 Runden, die im Realbetrieb kaum zu erreichen ist, weil im Gegensatz zum öffentlichen Straßenverkehr nicht ein durchgängiger Verkehrsfluss angestrebt wird, sondern präzise definierte und vergleichbare Testbedingungen und damit praktisch nie ein 100 % zeitlicher Auslastungsgrad des Rundkurses erreicht werden kann.

Für die Ermittlung des maßgebenden, längenbezogenen Schalleistungspegels je eingesetztem Fahrzeug auf dem 1 km langen Rundkurs wurden auch fahrzeugtypbezogene, zumeist höhere Geschwindigkeiten berücksichtigt, wie im Gutachten zu den durchgeführten Schallmessungen [9] ab Blatt 31 ausführlich beschrieben. Durch diese Vorgehensweise, bei der auch ausnahmsweise und in geringem Umfang vorkommende lautere Fahrsituationen auf dem Rundkurs berücksichtigt werden, kann von einem Ansatz auf der sicheren Seite ausgegangen werden.

Bei der zumeist kurzen Nutzung der Testfahrbahn erfolgt eine fahrzeugtypabhängige Nutzung für Testfahrten, die jeweils prüftypischen, zugehörigen Rundenzahlen je Fahrzeug sind nachfolgend als durchschnittliche Rundenzahl für Testfahrten aufgeführt, zudem sind die maximalen Rundenzahlen pro Tag angegeben.

An den Tagen, an denen für die Bundeswehr eine höhere Anzahl von Kettenfahrzeugen bereitgestellt werden müssen, sind zum Schutz der Nachbarschaft die Rundenzahlen auf die ebenfalls angegebenen schalltechnisch möglichen Rundenzahlen

zu beschränken, dieses worst-case-Szenario stellt auch die Grundlage für die zukünftige Nutzung dar (siehe Tabelle 4 auf Blatt 29 in [9]):

Kettenfahrzeuge:

- Leo 1: durchschnittlich 25 Runden je Testfahrt, maximal **65** Runden insgesamt auf Strecke pro Tag
- Leo 2: durchschnittlich 25 Runden je Testfahrt, maximal **60** Runden insgesamt auf Strecke pro Tag (schalltechnisch sind 65 Runden möglich)
- Puma: durchschnittlich 30 bis 35 Runden je Testfahrt, maximal **60** Runden insgesamt auf Strecke pro Tag (schalltechnisch sind 109 Runden möglich)

Radfahrzeuge:

- GTK Boxer: durchschnittlich 100 Runden je Testfahrt, maximal **300** Runden in 3 Testfahrten (schalltechnisch sind 1.203 Runden möglich)
- Dingo: durchschnittlich 25 Runden je Testfahrt, maximal **250** Runden in 10 Testfahrten (schalltechnisch sind 6.016 Runden möglich)
- Dingo HD: durchschnittlich 25 Runden je Testfahrt, maximal **75** Runden in 3 Testfahrten (schalltechnisch sind 6.016 Runden möglich)
- Fennek: durchschnittlich 25 Runden je Testfahrt, maximal **250** Runden in 10 Testfahrten (schalltechnisch sind 6.016 Runden möglich)
- Iveco FSA: durchschnittlich 2 bis 4 Runden je Testfahrt, maximal **80** Runden in 20 Testfahrten (schalltechnisch sind 6.016 Runden möglich)

Aufgrund der durchgeführten Schallmessungen [9] liegen Kennwerte sowohl emissionsseitig als auch an einem Ersatzmesspunkt (MP-2) zur Bestimmung der Einwirkungen in der schutzbedürftigen Nachbarschaft vor.

Die oben genannten Nutzungshäufigkeiten wurden im schalltechnischen Gutachten zu den durchgeführten Messungen auf Blatt 29 in Tabelle 4 [9] bereits in Form maximaler Rundenzahlen je Fahrzeug verschnitten und zusammengefasst.

Somit liegen folgende Kennwerte für den fahrzeugtypischen täglichen Beurteilungspegel am Messpunkt MP-2 vor:

Fahrzeuge auf Teststrecke:

- **65** Runden pro Tag mit Kettenfahrzeug „Leopard 1“ $L_{r,Tag} = 51,8 \text{ dB(A)}$
- **60** Runden pro Tag mit Kettenfahrzeug „Leopard 2“ $L_{r,Tag} = 51,4 \text{ dB(A)}$
- **60** Runden pro Tag mit Kettenfahrzeug „Puma“ $L_{r,Tag} = 49,2 \text{ dB(A)}$
- **1.203** Runden pro Tag mit Radfahrzeug „Boxer“ $L_{r,Tag} = 51,8 \text{ dB(A)}$
- **6.016** schalltechnisch mögliche Runden pro Tag mit allen übrigen Radfahrzeugen, z. B. „IVECO“ 1 $L_{r,Tag} = 51,8 \text{ dB(A)}$

Alle übrigen gemessenen Radfahrzeuge zeigten sich in ihrer Emission nach Randbedingung Nr. (7) auf Blatt 24 in [9] als nahezu ebenbürtig, daher wurde im schalltechnischen Gutachten zu den durchgeführten Messungen [9] das Radfahrzeug vom Typ „IVECO“ ausgewertet und in der Folge als Stellvertreter-Fahrzeug für alle übrigen die Teststrecke nutzenden Radfahrzeuge verwendet.

Es zeigt sich, dass beim Leopard 1 die höchsten Beurteilungspegel erreicht werden.

Rückrechnung auf Emissionen an der Lärmquelle (Panzerteststrecke)

Ist die Schallemission einer Schallquelle oder Teilanlage bekannt, so kann hieraus die in der Entfernung d hervorgerufene Schallimmission berechnet werden oder, wie in diesem Fall, auch umgekehrt von der Immission zur Emission. Der Rechengang ist in E DIN ISO 9613-2 [7] beschrieben. Die Rechnung wird hier frequenzabhängig, und zwar in Oktavbandbreite, auf Basis der bei den Schallmessungen [9] gewonnenen Frequenzzusammensetzung der einzelnen Fahrzeuge (Abbildungen 5 bis 9 auf Blatt 35 und 36 in [9]) durchgeführt (siehe auch Anhang B).

Aus dem Oktavspektrum und dem am Ersatzmesspunkt (MP-2) in [9] ermittelten höchsten täglichen Beurteilungspegel $L_{r,Tag} = 51,8 \text{ dB(A)}$ (Leopard 1) wird der jeweils fahrzeugtypische längenbezogene Schallleistungspegel L_W' an der Lärmquelle unter Verwendung eines Berechnungsdatensatzes nach dem Verfahren der "Detaillierten Prognose" der TA Lärm [5] rückgerechnet. Da es sich um bewegte Lärmquellen handelt, erfolgt die Berechnung für einen längenbezogenen Schallleistungspegel für die Fahrwege der unterschiedlichen Fahrzeuge (siehe auch 2. Absatz auf Blatt 34 in [9]).

Hieraus ergeben sich die im Anhang B angegebenen längenbezogenen Schallleistungspegel L_W' und Einwirkzeiten t_E in Bezug auf den Beurteilungszeitraum.

Zusätzlich zu den Fahrten auf der Teststrecke wurden die Fahrten auf dem Anlagen-gelände berücksichtigt, die in Zusammenhang mit dem Betrieb der Teststrecke stehen, sowie Fahrten, die zwischen den einzelnen Teilbereichen

- Rundkurs für Fahrprüfungen,
- Bahn zur Ermittlung der Stabilisierungsgüte,
- Bremsstrecke,
- Panzer – Laserstrecke 500 m,
- Panzer – Überschreitungsgraben,

- Watbecken,
- Wasserbecken für Unterwasserfahrten,
- überdachter 60 % Steilhang,
- 30 % Querhang und
- Panzertankstelle

auftreten.

Fahrten außerhalb des Anlagengeländes finden keine statt, daher entfällt eine Prüfung nach Nr. 7.4 der TA Lärm [5] zum anlagenbezogenen Fahrverkehr auf öffentlichen Straßen.

Für die Fahrten auf dem Anlagengelände wurden im schalltechnischen Gutachten zu den durchgeführten Messungen im Kapitel 6.7 ab Blatt 46 in [9] folgende Kennwerte ermittelt und entsprechend als bewegte Punktquellen in den Berechnungsdatensatz eingepflegt:

Lärmemissionen aus Nutzung der Teilbereiche

Die Nutzung der oben genannten Teilbereiche führt nach Tabelle 8 auf Blatt 47 in [9] zu Geräuschemissionen, die denen auf der Teststrecke bei einer Vorbeifahrt mit einer Geschwindigkeit von 30 km/h vergleichbar ist:

- | | |
|-------------|--|
| - Leopard 1 | $L_{WA} = 128,7 \text{ dB(A)}$ bei 30 km/h |
| - Leopard 2 | $L_{WA} = 125,3 \text{ dB(A)}$ bei 30 km/h |
| - Puma | $L_{WA} = 129,2 \text{ dB(A)}$ bei 30 km/h |
| - Boxer | $L_{WA} = 111,3 \text{ dB(A)}$ bei 30 km/h |
| - IVECO | $L_{WA} = 107,3 \text{ dB(A)}$ bei 30 km/h |

Lärmemissionen aus Fahrten auf dem Anlagengelände

Bewegen der Ketten- und Radfahrzeuge im übrigen Anlagengelände außerhalb der Teststrecke und Fahrten zwischen den zugehörigen Teilbereichen in erhöhter Schrittgeschwindigkeit:

- | | |
|-------------|---|
| - Leopard 1 | $L_{WA} = 114,4 \text{ dB(A)}$ bei 5 km/h |
| - Leopard 2 | $L_{WA} = 109,6 \text{ dB(A)}$ bei 5 km/h |
| - Puma | $L_{WA} = 112,0 \text{ dB(A)}$ bei 5 km/h |
| - Boxer | $L_{WA} = 105,0 \text{ dB(A)}$ bei 5 km/h |
| - IVECO | $L_{WA} = 102,2 \text{ dB(A)}$ bei 5 km/h |

Wir gehen bei der vorliegenden Untersuchung von einer zweimaligen Nutzung aller oben genannten Teilbereiche pro Tag aus, bei der Tankstelle und den Fahrten zwischen den Teilbereichen von jeweils vier Nutzungen/Fahrten pro Tag.

Als Stellvertreter-Fahrzeug wurde ein „**Leopard 1**“ zugrunde gelegt, da dieses Fahrzeug in Kombination von Fahrten auf dem Anlagengelände mit Fahrten zwischen den einzelnen Teilbereichen den lautesten, ungünstigsten Lastfall darstellt.

Es kann daher ein mittlerer Schallleistungspegel von

$$L_{WA, \text{Leopard 1}} = 128,7 \text{ dB(A) bei 30 km/h je Nutzung Teilbereich und}$$

$$L_{WA, \text{Leopard 1}} = 114,4 \text{ dB(A) bei 5 km/h je Fahrt}$$

abgeleitet werden.

3.2 Bestehende Schallsituation im weiteren Umfeld

3.2.1 Grundsätzliches zur gewählten Vorgehensweise

Im Gegensatz zu einer (historischen) Geräuschkontingentierung wurde bei den Emissionsansätzen versucht, die tatsächlich vorhandene, gewerbliche Schallsituation so präzise wie möglich zu beschreiben. Sofern durch Festsetzungen Regelungen zum Schallschutz im Umfeld vorlagen, wurden diese umgerechnet hinsichtlich ihrer Wirkung bei den maßgebenden Immissionsorten (Akzeptorbezug). So wurde auch der Einfluss der einzelnen Nutzungen in den Ruhezeiten bereits emissionsseitig mitberücksichtigt.

Für Bereiche ohne detaillierte Festsetzungen zum Lärmschutz wurden flächenbezogene Schallleistungspegel für den jeweiligen Betriebstyp bzw. für die zu untersuchende konkrete Flächennutzung entwickelt unter Berücksichtigung von Zuschlägen für Tageszeiten mit erhöhter Empfindlichkeit [5], sofern es allgemeine Festsetzungen zum Betrieb zulassen und im Betrieb eine relevante Lärmabstrahlungen ins Freie auch innerhalb der Ruhezeiten gegeben ist.

Diese Vorgehensweise wird vergleichbar einer Lärmkartierung bei dieser Untersuchung verwendet, da zum einen die Mehrzahl der am höchsten belasteten Immissionsorte nach dem grundsätzlichen Schutzanspruch sich in Wohngebieten befindet, zum anderen die Lärmeinwirkung an den Immissionsorten abgebildet werden soll und es damit auch relevant ist, ob ein Gewerbebetrieb Lärm in den Ruhezeiten emittiert bzw. emittieren darf (Parkplätze, Lkw-Lade- und Abladeplätze, Betriebsbeginn innerhalb der Ruhezeiten etc.).

Die angegebenen Emissionsansätze sind also akzeptorbezogen und nicht unmittelbar mit festgesetzten immissionswirksamen flächenbezogenen Schallleistungspegeln im Tagzeitraum gleichzusetzen. Zum Vergleich mit den Lärmkontingenten eines Gebietes oder eines Betriebes sind die angegebenen Emissionsansätze unter Berücksichtigung der in Kapitel 4.1 sowie Anhängen B und C dokumentierten Rand- und Ausbreitungsbedingungen gegebenenfalls umzurechnen.

Die Methodik und Annahmen zur Ermittlung der Vorbelastung durch Anlagenlärm wurden im Rahmen des Bebauungsplan-Verfahrens 2103 im Zeitraum Juni 2015 bis Juni 2016 mit dem Referat für Gesundheit und Umwelt (RGU) der Landeshauptstadt München abgestimmt, im zugehörigen Bebauungsplan mit Grünordnung Nr. 2103 der Landeshauptstadt München [1] als Eingangsdaten exakt so übernommen und werden in den nachfolgend dargestellten Emissionsansätzen beschrieben. Zusätzlich wurden die vom Gelände von KMW ausgehenden Lärmeinwirkungen in

einer Nachbarvereinbarung mit den Eigentümern der Wohnbebauung auf dem Diarmalt-Gelände in einer zivilrechtlichen Duldungsvereinbarung niedergeschrieben.

Diese Geräuschemissionsansätze stellen einen Ansatz sehr auf der sicheren Seite dar (siehe Erläuterungen im Textteil zum Bebauungsplan 2103 Abschnitt 4.10.4.). Die zugrunde gelegten flächenbezogenen Schallleistungspegel orientieren sich an den höchstmöglichen planerischen Emissionsansätzen und werden im Realbetrieb selbst unter Volllast der Anlagen nicht erreicht. Diese planerischen Emissionsansätze führen im Gegensatz zum Realbetrieb an den maßgebenden Immissionsorten im Umfeld zu Überschreitungen der zulässigen Immissionsrichtwerte. Im Rahmen der durchgeführten Schallmessungen vor Ort [9] wurden durchwegs niedrige Einwirkungen festgestellt, die überhaupt erst immissionsortnahe Messungen der Geräusche weit entfernt von der Teststrecke in Abständen von teilweise > 200 m möglich machten. Es ist also von einem konservativ zu hohen Ansatz bei der nachfolgenden Beschreibung der Schallsituation auszugehen.

3.2.2 Historischer „Krauss-Maffei“-Bereich

KMW

Die Ansätze für die Teststrecke mit einem ca. 1 km langen Rundkurs sowie den zugehörigen Anlagen/Teilbereichen ist in Kapitel 3.1 ausführlich beschrieben.

Die folgenden Ansätze basieren auf diesen vorangegangenen Emissionen der Teststrecke inklusive zugehöriger Teilbereiche/Anlagen. Hieraus ergeben sich bei einer vereinfachten Zusammenfassung der verschiedenen Fahrwege in Form einer Linienquelle auf der Teststrecke ein längenbezogener Schallleistungspegel von

- $L_{WA}' = 91 \text{ dB(A)/m tags}$

für einen ca. 1 km langen Rundkurs. Umgerechnet auf eine Fläche von ca. 70.000 m² ergibt sich ein immissionswirksamer flächenbezogener Schallleistungspegel (angenommene Quellhöhe 1 m) von

- $L_{WA}'' = 73 \text{ dB(A)/m}^2 \text{ tags.}$

Da es sich hierbei noch um eine Zusammenfassung verschiedener Schallquellen handelt, ist der angegebene Wert nur als Annäherung an die aktuellen Lärmwerte und nicht als festgesetzter Wert zu sehen.

Zur Berücksichtigung der im südlichen Bereich der Fläche angeordneten Pkw-Parkplätze wurde ein immissionswirksamer, flächenbezogener Schallleistungspegel (angenommene Quellhöhe 1 m) von

- $L_{WA}''' = 45 \text{ dB(A)/m}^2 \text{ nachts}$

berücksichtigt.

Für alle weiteren gewerblichen Flächen von KMW halten wir, aufgrund des Bestandes dieser Industriegebiete weit vor der ersten Fassung der TA Lärm und vor dem Inkrafttreten des BImSchG am 01.04.1974, den Ansatz nach Kapitel 2.1 (angenommene Quellhöhe 9 m) von

$$- L_{WA} = 65/50 \text{ dB(A)/m}^2 \text{ tags/nachts}$$

für fach- und situationsgerecht.

Zusätzlich sind die Emissionen aus dem derzeit in Aufstellung befindlichen Bebauungsplan Nr. 1713a für das Nordgelände von KMW zu berücksichtigen. Hierfür wurde eine Emissionskontingentierung nach DIN 45691 durchgeführt. Die sich nach den Vorgaben der DIN 45691 ergebenden Teilbeurteilungspegel sind nachfolgend aufgeführt:

Tabelle 7. Immissionskontingente L_{IK} vom Entwurf des Bebauungsplans Nr. 1713a **tags** (06:00 Uhr bis 22:00 Uhr), alle Angaben in dB(A).

Gebiet	Fläche	L_W	L_{EK}	Immissionsorte									
				LZUS IO 1 Mayr 3	IO 1 Mayr 3	LZUS IO 2 G-Reis 19	IO 2 G-Reis 19	LZUS IO 3 L-Radl 10	IO 3 L-Radl 10	LZUS IO 4 Storch 22	IO 4 Storch 22	LZUS IO 5 Ludw 49	IO 5 Ludw 49
				Sektor A		Sektor B		Sektor C		Sektor D		Sektor E	
GE 1	25370	102.0	58		43.6	5	43.9	10	43.3	12	42.7	1	36.3
GE 2	18520	100.7	58		43.2	5	38.8	10	41.9	12	42.7	1	38.7
GE 3	55680	110.5	63		45.0	5	46.1	10	53.4	12	56.7	1	57.8
SUMME		114.6			48.8		48.6		54.1		57.0		57.9

Gebiet	Fläche	L_W	L_{EK}	Immissionsorte			
				LZUS IO 1a Peter-Müller 4	IO 1a Peter-Müller 4	LZUS IO 2a G-Reis 31c	IO 2a G-Reis 31c
				Sektor A		Sektor B	
GE 1	25370	102.0	58		42.3	5	44.2
GE 2	18520	100.7	58		38.7	5	39.0
GE 3	55680	110.5	63		42.8	5	45.5
SUMME		114.6			46.4		48.4

Tabelle 8. Immissionskontingente L_{IK} vom Entwurf des Bebauungsplans Nr. 1713a **nachts** (22:00 Uhr bis 06:00 Uhr), alle Angaben in dB(A).

Gebiet	Fläche	L_W	L_{EK}	Immissionsorte									
				LZUS IO 1 Mayr 3	IO 1 Mayr 3	LZUS IO 2 G-Reis 19	IO 2 G-Reis 19	LZUS IO 3 L-Radl 10	IO 3 L-Radl 10	LZUS IO 4 Storch 22	IO 4 Storch 22	LZUS IO 5 Ludw 49	IO 5 Ludw 49
				Sektor A		Sektor B		Sektor C		Sektor D		Sektor E	
GE 1	25370	87.0	43		28.6	5	28.9	10	28.3	12	27.7	1	21.3
GE 2	18520	85.7	43		28.2	5	23.8	10	26.9	12	27.7	1	23.7
GE 3	55680	95.5	48		30.0	5	31.1	10	38.4	12	41.7	1	42.8
SUMME		99.6			33.8		33.6		39.1		42.0		42.9

Gebiet	Fläche	L_W	L_{EK}	Immissionsorte			
				LZUS IO 1a Peter-Müller 4	IO 1a Peter-Müller 4	LZUS IO 2a G-Reis 31c	IO 2a G-Reis 31c
				Sektor A		Sektor B	
GE 1	25370	87.0	43		27.3	5	29.2
GE 2	18520	85.7	43		23.7	5	24.0
GE 3	55680	95.5	48		27.8	5	30.5
SUMME		99.6			31.4		33.5

Unter Berücksichtigung des Richtungssektors („Sektor B“) sowie der geometrischen Ausbreitungsbedingungen nach DIN 45691 (rein theoretische Ausbreitungsdämpfung in die „Vollkugel“) ergeben sich näherungsweise umgerechnet auf einen immissionswirksamen flächenbezogenen Schallleistungspegel Werte bezogen auf den Einfluss in Richtung des Diamalt-Geländes von

- GE 1: $L_{WA} = 60/45 \text{ dB(A)/m}^2$ tags/nachts,
- GE 2: $L_{WA} = 60/45 \text{ dB(A)/m}^2$ tags/nachts und
- GE 3: $L_{WA} = 65/50 \text{ dB(A)/m}^2$ tags/nachts,

die für die folgenden Berechnungen so zugrunde gelegt werden. Als Quellhöhe wurden für die GE 1 und GE 2 als konservativer Ansatz 9 m, für das GE 3 mit voraussichtlich überwiegend ebenerdigen Lärmquellen 1 m in Ansatz gebracht. Für schutzbedürftige Nutzungen in den anderen Sektoren ergeben sich zum Teil niedrigere (IO 1 und IO 1a), zum Teil höhere (IO 3 und IO 4) zulässige Emissionswerte. Diese Unschärfe ist bei einer Gesamtlärbetrachtung allerdings unvermeidbar.

Krauss-Maffei-Group

Für die südlich der Krauss-Maffei-Straße gelegenen Industrieflächen der Krauss-Maffei-Group sind zum einen die Auflagen zum Schallschutz aus dem Änderungs-genehmigungsbescheid zu berücksichtigen, der sich auf die Lok-Lackieranlage bezieht, und zudem ein immissionswirksamer, flächenbezogener Schallleistungspegel für die Betriebsflächen der Krauss-Maffei-Group [19].

„Die von der gesamten Lok-Lackieranlage ausgehenden Geräusche dürfen folgende reduzierte Beurteilungspegel nicht überschreiten: Immissionsort Oertelplatz 3 im Mischgebiet (MI), tagsüber 54 dB(A), nachts 37 dB(A).“

Zur Umsetzung in den Datensatz wurde diese Vorgabe in einen immissionswirksamen flächenbezogenen Schallleistungspegel für das Dach der gesamten Lok-Lackieranlage (angenommene Quellhöhe 9 m) von

- $L_{WA} = 75/58 \text{ dB(A)/m}^2$ tags/nachts

umgerechnet.

Zusätzlich ist ein immissionswirksamer flächenbezogener Schallleistungspegel für die Betriebsflächen der Krauss-Maffei-Group (angenommene Quellhöhe 9 m) von

- $L_{WA} = 65/50 \text{ dB(A)/m}^2$ tags/nachts

nach [19] zu berücksichtigen.

3.3 Weiteres gewerblich geprägtes Umfeld

Grundsätzlich wurde für alle folgenden Gewerbelärmquellen eine Höhe von 1 m in Ansatz gebracht, da die Nutzungen vor allem im ebenerdigen Bereich stattfinden.

Für den im Flächennutzungsplan als VE-Fläche markierten Bereich eines Recycling-Betriebs liegen Auszüge aus der Genehmigung von 1992 vor, die umgerechnet auf einen flächenbezogenen Schallleistungspegel zu Werten von

$$- L_{WA} = 63/50 \text{ dB(A)/m}^2 \text{ tags/nachts}$$

führen basierend auf den akzeptorbezogenen Auflagen für die dort beschriebenen Immissionsorte Peter-Müller-Straße 43 und Schöllstraße 9. Bei diesem flächenhaften Ansatz wurde davon ausgegangen, dass während der täglichen Ruhezeiten keine erhöhten Emissionen aus dem Recycling-Betrieb zu erwarten sind. Die zwischenzeitlich fertiggestellten Lärmschutzwände entlang der Bahnstrecke München-Ingolstadt blieben unberücksichtigt, da sie hinsichtlich der pegelmindernden Wirkung auf die Gewerbelärsituation kaum dinglich für den Recycling-Betrieb gesichert werden können oder sollen.

Die Nutzungen auf dem bestehenden Industriegebiet „Junkersgelände“ wurden so abgebildet, dass der Anteil am Immissionsrichtwert mindestens 3 dB(A) unter den Immissionsrichtwerten eines Allgemeinen Wohngebietes sowohl für die westlich gelegenen Immissionsorte an der Schöllstraße wie auch für die östlichen an der Peter-Müller-Straße liegt.

Bei den vorliegenden Lärmquellen im Freien dürfte dies bei einer für ein Industriegebiet lärmarmen Nutzung ohne Lärmkonflikte (vgl. [4] und die nachfolgenden Ausführungen) die Situation für die vorliegende weiträumige Betrachtung hinreichend genau wiedergeben. Wir halten daher einen flächenbezogenen Schallleistungspegel von

$$- L_{WA} = 57/44 \text{ dB(A)/m}^2 \text{ tags/nachts}$$

für fach- und situationsgerecht, zumal auch hier die Lärmschutzwände entlang der Bahnstrecke München – Ingolstadt hinsichtlich ihrer pegelmindernden Wirkung in den Berechnungen unberücksichtigt blieben.

Für die unmittelbar östlich der „Hackersiedlung“ gelegenen Industriegebiete halten wir aufgrund der vielfältigen vorhandenen Nutzungen im Freibereich (Stellplätze für Nutzfahrzeuge und Container, Lkw-Lade- und Abladeplätze, Betonwerk etc.) und ohne pegelmindernde Lärmschutzwände auf dem Ausbreitungsweg auf den gewerblich genutzten Flächen im Industriegebiet einen flächenbezogenen Schallleistungspegel von mindestens

$$- L_{WA} = 60/47 \text{ dB(A)/m}^2 \text{ tags/nachts}$$

für fach- und situationsgerecht, jedoch nur unter der Voraussetzung eines lärmoptimierten Betriebes und bei Auflagen zum Lärmschutz, die an der Hackersiedlung für eine Einhaltung der Immissionsrichtwerte für ein Allgemeines Wohngebiet sorgen.

Da jedoch im gegenwärtigen Zustand nicht von genehmigten Betriebszuständen ausgegangen wird und aufgrund der Äußerungen von Anwohnern in der Presse, ist für die tatsächliche Schallsituation von Emissionen auszugehen, die um etwa 5 dB(A) darüber liegen und so bereits jetzt eine Ausschöpfung der Immissionsrichtwerte eines Mischgebietes vermuten lassen. Es werden daher flächenbezogene Schallleistungspegel von

- $L_{WA} = 65/52 \text{ dB(A)/m}^2 \text{ tags/nachts}$

in Ansatz gebracht, um die tatsächliche Situation abzubilden.

Bei den Nutzungen auf dem bestehenden Rangierbahnhof München Nord sind die durch die Teilnahme am Verkehr bedingten Immissionen dem Anwendungsbereich des § 41 BImSchG und der 16. BImSchV zuzuordnen und hier nicht zu erfassen. Dies sind bei einem Rangierbahnhof die Gleise mit durchfahrenden Zügen, ein- und ausfahrende Züge, Rangierfahrten, das Abdrücken, Kurvenquietschen, Gleisbremsen, Retarder, Hemmschuhläufe, Auflaufstöße sowie das Anreißen und Abbremsen lose gekoppelter Züge.

Nur Betriebsanlagen am Verkehrsweg im Sinne des § 3 Abs. 5 BImSchG fallen in den Geltungsbereich der TA Lärm. Bei einem Rangierbahnhof sind somit nur Lautsprecherdurchsagen und sonstige Schallquellen für die Beschreibung der Gewerbelärmsituation zu berücksichtigen.

Da der Betrieb auf dem Rangierbahnhof weitestgehend automatisiert ist, erscheint nach derzeitigem Kenntnisstand ein flächenbezogener Schallleistungspegel von

- $L_{WA} = 65/50 \text{ dB(A)/m}^2 \text{ tags/nachts}$

für das Bahnbetriebswerk der DB Schenker Rail als repräsentativ für die Gewerbelärmemissionen an den nächstgelegenen Immissionsorten.

4 Schallimmissionen

4.1 Allgemeines

Die Berechnung des Schalls bei der Ausbreitung im Freien erfolgt im Gegensatz zu einer Geräuschkontingentierung nach dem Verfahren der detaillierten Prognose, Abschnitt A.2.3 der TA Lärm [5], unter Berücksichtigung der tatsächlichen Schallausbreitungsbedingungen vor Ort mit den nachfolgend dargestellten Randbedingungen und Dämpfungstermen, um die tatsächliche Schallsituation beschreiben zu können (siehe Kapitel 3.2.1).

Hierzu wird über das Untersuchungsgebiet ein rechtwinkliges Koordinatensystem gelegt. Die Koordinaten aller schalltechnisch relevanten Elemente werden dreidimensional in die EDV-Anlage eingegeben. Dies sind im vorliegenden Fall:

- Flächenschallquellen mit einer pauschalen Höhe von 1,0 m über Geländeoberkante (im Bereich überwiegend höher liegender Quellen der Industriehallen wird eine Quellhöhe von 9,0 m angenommen),
- Geländemodell aus Höhenpunkten,
- bestehende Gebäude; sie werden einerseits als Abschirmkanten berücksichtigt; zum anderen wirken die Fassaden schallreflektierend (eingegebener Reflexionsverlust 1 dB).
- Immissionsorte.

Dabei werden linienförmige Elemente durch Geradenstücke angenähert. Flächen werden durch Polygonzüge nachgebildet. Das eingesetzte Programm Cadna/A (Version 2019 MR 1) unterteilt die Schallquellen in Teilstücke bzw. -flächen, deren Ausdehnungen klein gegenüber den Abständen von den Immissionsorten sind und die daher als Punktschallquellen behandelt werden können.

Das Gelände ist im Wesentlichen eben (Ausnahme: Lärmschutzwall KMW).

Bei der Ausbreitungsrechnung werden die Pegelminderungen durch

- Abstand und Luftabsorption sowie
- Boden- und Meteorologiedämpfung

erfasst.

Da es sich um die Ermittlung der historisch gewachsenen Bestandssituation handelt, wurden

- Abschirmkanten und
- bestehende Gebäude

nicht berücksichtigt, um so das planungsrechtlich zulässige Emissionskontingent von Industriegebietsflächen abzubilden, die rechtlich und räumlich unabhängig voneinander sind (konservativer Ansatz und sehr weitreichender Einflussbereich).

Ausnahme hiervon stellt die Detailuntersuchung streng nach TA Lärm für die Teststrecke nach Kapitel 3.1 sowie für die lokalen Verbrauchermärkte am Oertelplatz in Kapitel 4.3 dar, bei denen gemäß TA Lärm auch die Abschirmung der bestehenden Bebauung in Ansatz gebracht wurde, um die lokale Schallsituation gemäß TA Lärm richtig und realistisch darzustellen und nicht die planerisch mögliche Situation zu beschreiben (also planerisch-konservativ ohne jegliche Hindernisse/Bebauung auf dem Ausbreitungsweg).

Die Ausbreitungsrechnung für Gewerbegeräusche erfolgt nach TA Lärm entsprechend den Vorschriften der Norm DIN ISO 9613-2 (Entwurf Ausgabe September 1997) [7] unter folgenden Randbedingungen:

- Der Bodeneffekt wird nach Kapitel 7.3.2 der Norm DIN ISO 9613-2 ("alternatives Verfahren") ermittelt.
- Der standortbezogene Korrekturfaktor C_0 zur Berechnung der meteorologischen Korrektur C_{met} wird für alle Richtungen mit 2 dB angesetzt.
- Die Berechnung wird mit A-bewerteten Schallpegeln frequenzabhängig, und zwar in Oktavbandbreite, durchgeführt, soweit Emissionsspektren (Teststrecke) zur Verfügung stehen; für die historisch gewachsene Bestandssituation wurde eine Schwerpunktsfrequenz von 500 Hz zugrunde gelegt.

Für die Dämpfung A_{gr} aufgrund des Bodeneffektes bietet DIN ISO 9613-2 [7] zwei Verfahren an, nämlich:

- Allgemeines Verfahren, frequenzabhängige Berechnung unter Berücksichtigung der akustischen Eigenschaften der Bodenbereiche in Quellennähe, in Empfängernähe und in dem Mittelbereich. Dieses Verfahren ist für alle Geräuscharten und für annähernd flachen Boden anwendbar.
- Alternatives Verfahren, frequenzunabhängige Berechnung. Dieses Verfahren ist anwendbar für beliebig geformte Bodenoberflächen, wenn nur der A-bewertete Schalldruckpegel am Immissionsort von Interesse ist, wenn die Schallausbreitung überwiegend über porösem Boden erfolgt und wenn der Schall kein reiner Ton ist.

Die letztgenannten Voraussetzungen treffen hier zu, daher wird zur Berechnung von A_{gr} das alternative Verfahren gewählt.

Der Beurteilungspegel wird aus dem Langzeit-Mittelungspegel unter Berücksichtigung von Zuschlägen für Tageszeiten mit erhöhter Empfindlichkeit sowie für Ton- und Informationshaltigkeit und für Impulshaltigkeit des Geräusches gebildet.

Gemäß dem Gutachten zu den durchgeführten Messungen [9], Randbedingungen Nr. (1) bzw. Nr. (2) auf Blatt 23, sind die gemessenen Geräusche auf der Panzerteststrecke als nicht impulshaltig im Sinne der TA Lärm einzustufen. Tonale Komponenten für die Schallausbreitungsberechnungen wurden nach den Ausführungen des Gutachters ebenfalls nicht festgestellt.

Um den nicht unerheblichen Abständen zwischen den Emissions- und Immissionsorten der frequenzabhängigen Luftabsorption und den unterschiedlichen Frequenzzusammensetzungen der Geräusche Rechnung zu tragen, führen wir die Berechnungen mit normierten Spektren gemäß den Eingangsdaten in [9], Kapitel 6.4 „Oktavbezogene längenbezogene Schalleistungspegel für die Panzerteststrecke für zukünftige Schallausbreitungsrechnungen bis in die Wohnnachbarschaft“, Abbildungen 5 bis 9 auf Blatt 35 und 36, durch.

Die in die EDV-Anlage eingegebenen Daten sind in Anhang B auszugsweise aufgelistet und im Übersichtslageplan in Anhang A grafisch dargestellt.

4.2 Beurteilungspegel

Die folgende Tabelle stellt die Beurteilungspegel mit dem Fahrzeug „Leopard 1“ den schalltechnischen Anforderungen nach Abschnitt 2.4 gegenüber.

Aufgrund der unterschiedlichen Frequenzzusammensetzung der Fahrgeräusche der unterschiedlichen Fahrzeuge und damit sich ergebender unterschiedlicher Schallausbreitungsbedingungen zeigte das Fahrzeug „**Leopard 1**“ mit 65 Runden pro Tag auf der Teststrecke die höchsten Teilbeurteilungspegel an den **maßgeblichen** Immissionsorten.

Fasst man alle Emissionen zusammen (Teststrecke, Nutzung der Teilbereiche und Fahrten auf dem Anlagengelände in Zusammenhang mit der Teststrecke), ergeben sich somit folgende maßgebende Beurteilungspegel:

Tabelle 9. Immissionsrichtwert nach TA Lärm tags, Zusatzbelastung (ZB) beim Betrieb der Panzerteststrecke mit Fahrzeug Leopard 1 und Vergleich mit den Immissionsrichtwerten (alle Werte in dB(A)).

Bezeichnung		Leopard 1	
Rundenzahlen		65	
Immissionsort	IRW	ZB	IRW – Zusatzbelastung
IO 1 Mayr 3	55	52	3
IO 1a Peter-Müller 4	55	50	5
IO 2 G-Reis 19	55	45	10
IO 2a G-Reis 31c	55	47	8
IO 3 Tubeuf 18	60	42	18
IO 4 Storch 22	55*)	48	7
IO 5 Ludw 49	60	54	6
IO 6 Reinhard 20a	70	57	13
IO 7 Tubeuf 19b	70	54	16
IO 8 Docen 3	60	52	8

*) Für den Immissionsort IO 4 erscheint aufgrund der direkten Nachbarschaft zum Industriegebiet östlich des Storchweges der Ansatz für Schutzbedürftigkeit für WR nicht einhaltbar, daher wird vorliegend für die existierende Gemengelage ein Zwischenwert nach Nr. 6.7 TA Lärm zugrunde gelegt.

Die vorstehend aufgelisteten Berechnungsergebnisse zeigen, dass mit dem geplanten Betrieb der Panzerteststrecke an nahezu allen Immissionsorten Zusatzbelastungswerte hervorgerufen werden, welche die jeweils geltenden Immissionsrichtwerte um mindestens 6 dB unterschreiten und damit im Sinne von Nr. 3.2.1. Abs. 2 TA Lärm als nicht relevant zu bewerten sind.

Lediglich an den Immissionsorten IO 1 und IO 1a unterschreiten die Werte der Geräuschzusatzbelastung den Immissionsrichtwert von 55 dB(A) tags um 3 dB bzw. 5 dB.

Betriebsszenario Leopard 2

Für die Nutzung der Panzerteststrecke mit dem Leopard 2 mit einer Nutzungsintensität von 60 Runden pro Tag errechnen sich die in folgender Tabelle 10 zusammengestellten Werte der Geräuschzusatzbelastung.

Tabelle 10. Immissionsrichtwert nach TA Lärm tags, Zusatzbelastung (ZB) beim Betrieb der Panzerteststrecke mit Fahrzeug Leopard 2 und Vergleich mit den Immissionsrichtwerten (alle Werte in dB(A)).

Bezeichnung		Leopard 2	
Rundenzahlen		60	
Immissionsort	IRW	ZB	IRW – Zusatzbelastung
IO 1 Mayr 3	55	52	3
IO 1a Peter-Müller 4	55	50	5
IO 2 G-Reis 19	55	44	11
IO 2a G-Reis 31c	55	46	9
IO 3 Tubeuf 18	60	40	20
IO 4 Storch 22	55*)	48	7
IO 5 Ludw 49	60	53	7
IO 6 Reinhard 20a	70	57	13
IO 7 Tubeuf 19b	70	54	16
IO 8 Docen 3	60	51	9

*) Aufgrund der tatsächlichen Situation wird vorliegend für die existierende Gemengelage ein Zwischenwert nach Nr. 6.7 TA Lärm zugrunde gelegt.

Die vorstehend aufgelisteten Berechnungsergebnisse der Tabelle 10 zeigen, dass auch mit dem geplanten Betrieb der Panzerteststrecke mit dem Fahrzeug Leopard 2 an nahezu allen Immissionsorten Zusatzbelastungswerte hervorgerufen werden, welche die jeweils geltenden Immissionsrichtwerte um mindestens 6 dB unterschreiten. Im Sinne von Nr. 3.2.1. Abs. 2 TA Lärm sind diese Beiträge damit als nicht relevant zu bewerten.

Lediglich an den Immissionsorten IO 1 und IO 1a unterschreiten die Werte der Geräuschzusatzbelastung den Immissionsrichtwert von 55 dB(A) tags um 3 dB bzw. 5 dB.

Betriebsszenario Puma

Für die Nutzung der Panzerteststrecke mit dem Fahrzeug Puma (60 Runden pro Tag) errechnen sich die in folgender Tabelle 11 zusammengestellten Werte der Geräuschzusatzbelastung.

Tabelle 11. Immissionsrichtwert nach TA Lärm tags, Zusatzbelastung (ZB) beim Betrieb der Panzerteststrecke mit Fahrzeug Puma und Vergleich mit den Immissionsrichtwerten (alle Werte in dB(A)).

Bezeichnung		Puma	
Rundenzahlen		60	
Immissionsort	IRW	ZB	IRW – Zusatzbelastung
IO 1 Mayr 3	55	50	5
IO 1a Peter-Müller 4	55	48	7
IO 2 G-Reis 19	55	42	13
IO 2a G-Reis 31c	55	44	11
IO 3 Tubeuf 18	60	38	22
IO 4 Storch 22	55*)	46	9
IO 5 Ludw 49	60	51	9
IO 6 Reinhard 20a	70	55	15
IO 7 Tubeuf 19b	70	52	18
IO 8 Docen 3	60	49	11

*) Aufgrund der tatsächlichen Situation wird vorliegend für die existierende Gemengelage ein Zwischenwert nach Nr. 6.7 TA Lärm zugrunde gelegt.

Mit dem geplanten Betrieb der Panzerteststrecke mit dem Fahrzeug Puma ergeben sich an nahezu allen Immissionsorten Zusatzbelastungswerte, mit denen die jeweils geltenden Immissionsrichtwerte um mindestens 6 dB unterschritten werden können. Im Sinne von Nr. 3.2.1. Abs. 2 TA Lärm sind diese Beiträge somit als nicht relevant zu bewerten.

Lediglich am Immissionsort IO 1 unterschreitet die Geräuschzusatzbelastung den Immissionsrichtwert von 55 dB(A) tags um nur 5 dB.

Ermittlung und Bewertung der Geräuschgesamtbelastung

Anhand der vorstehend dokumentierten Ergebnisse für die beim Betrieb der Panzerteststrecke zu erwartenden Zusatzbelastungen ist festzustellen, dass nicht für alle Immissionsorte die Irrelevanz nach Nr. 3.2.1 Abs. 2 TA Lärm anzunehmen ist. Für diese ist die Bildung der Gesamtbelastung unter Berücksichtigung der Geräuschvorbelastung nötig. Im Folgenden wird für alle untersuchten Immissionsorte die Gesamtbelastung ermittelt und mit den jeweils geltenden Immissionsrichtwerten der TA Lärm verglichen.

Tabelle 12. Abschätzung der Beurteilungspegel der Vorbelastung (VB) ohne Teststrecke, der Gesamtbelastung sowie der Vergleich mit den Immissionsrichtwerten (IRW) der TA Lärm tags (alle Werte in dB(A)).

Bezeichnung			Leo 1	Leo 2	Puma	Leo 1	Leo 2	Puma
Runden- zahlen			65	60	60	65	60	60
IO	IRW	VB ohne Test- strecke	Gesamtbelastung			IRW – Gesamtbelastung		
IO 1	55	53	56	56	55	-1	-1	0
IO 1a	55	52	54	54	54	1	1	1
IO 2	55	56	56	56	56	-1	-1	-1
IO 2a	55	53	54	54	53	1	1	2
IO 3	60	64	64	64	64	-4	-4	-4
IO 4	55*)	56	57	57	57	-2	-2	-2
IO 5	60	59	60	60	59	0	0	1
IO 6	70	66	66	66	66	4	4	4
IO 7	70	65	65	65	65	5	5	5
IO 8	60	55	57	57	56	3	3	4

*) Aufgrund der tatsächlichen Situation wird vorliegend für die existierende Gemengelage ein Zwischenwert nach Nr. 6.7 TA Lärm zugrunde gelegt.

Die Bewertung vorstehender Ergebnisse zur Gesamtbelastung stellt sich wie folgt dar.

An den betrachteten Immissionsorten IO 2 bis IO 8 stellen sich die untersuchten Betriebsszenarien als unkritisch dar, da durchgängig von irrelevanten Zusatzbelastungen der Teststrecke auszugehen ist, d. h. die jeweiligen Immissionsrichtwerte tags mindestens 6 dB unterschritten werden (siehe hierzu vorstehende Tabelle 9 bis Tabelle 11).

Hierbei wird davon ausgegangen, dass der Immissionsort IO 4 aufgrund der Nähe zu bestehenden Gewerbe- und Industriegebieten in einer Gemengelage liegt. Durch bereits realisierte Geräuschminderungsmaßnahmen an der Panzerteststrecke, die zudem einer regelmäßigen Wartung unterzogen werden, kann davon ausgegangen werden, dass die zu beurteilende Anlage dem Stand der Lärminderungstechnik entspricht. In Anbetracht der tatsächlichen Situation wird daher ein Zwischenwert zumindest entsprechend dem Immissionsrichtwert für ein allgemeines Wohngebiet in Höhe von 55 dB(A) für die Beurteilung der Geräuschbeiträge für angemessen erachtet.

Am Immissionsort IO 1 wäre bei den Betriebsszenarien mit dem Leopard 1 und dem Leopard 2 eine Gesamtbelastung von 56 dB(A) anzunehmen. Der Immissionsrichtwert für allgemeine Wohngebiete in Höhe von 55 dB(A) wird damit um 1 dB überschritten. Beim Betriebsszenario Puma wird der Immissionsrichtwert durch die Gesamtbelastung nicht überschritten.

Für den Immissionsort IO 1a wird in den Betriebsszenarien Leopard 1 und Leopard 2 der Immissionsrichtwert in Höhe von 55 dB(A) durch die Gesamtbelastung eingehalten, beim Betriebsszenario Puma noch um 1 dB unterschritten.

4.3 Entwicklungsmöglichkeiten im weiteren Umfeld

Die mit der Landeshauptstadt abgestimmten und zugrunde gelegten Ansätze zur aktuellen Schallsituation ermöglichen aufgrund der gewählten Methodik planerischer Emissionsansätze auch eine weitere Entwicklung im weiteren Umfeld und verhindern somit nicht die Ansiedlung von siedlungsverträglichen, ortstypischen Gewerbebetrieben.

So befinden sich im Südwesten einige Verbrauchermärkte in einem Sondergebiet „Versorgungszentrum“ am Oertelplatz, Bebauungsplan Nr. 1655a. Hier wurden im Oktober 2014 für Dienstleistungs- und Einzelhandelsnutzungen in Form eines Einkaufszentrum Vorgaben zum Lärmschutz gemacht.

Die vorangegangene planerisch-konservative Ermittlung der Vorbelastung erfolgte **ohne** Ansatz der tatsächlichen Abschirmung durch die bestehende Bebauung. Setzt man zur Ermittlung der schalltechnischen Verträglichkeit neuer Gewerbebetriebe nun die durch neue Gewerbeanlagen zu errichtenden Gebäudehallen mit in den Berechnungen an, um die lokale Schallsituation gemäß TA Lärm richtig und realistisch darzustellen und nicht die planerisch mögliche Situation zu beschreiben, so reduziert sich die zuvor dargestellte Vorbelastungssituation im näheren Umfeld der neuen Gebäudehallen beträchtlich.

Dies wird am Beispiel des Sondergebietes „Versorgungszentrum“ am Oertelplatz, Bebauungsplan Nr. 1655a in der folgenden Tabelle dargestellt, in der am IO 2 die Wirkung der Gebäudehallen auf die Vorbelastungssituation (also mit/ohne Bebauung am Oertelplatz) gegenübergestellt wird. Die Emissionsdaten der Verbrauchermärkte wurden dem schalltechnischen Gutachten zum Bebauungsplan Nr. 2103 [1] entnommen.

Tabelle 13. Beurteilungspegel planerische Vorbelastung am IO 2 ohne und mit Gebäudehallen aus dem Sondergebiet „Versorgungszentrum“ am Oertelplatz (alle Pegel in dB(A), ganzzahlig gerundet).

Immissionsort	IRW	Planerische Vorbelastung (ohne Verbrauchermärkte am Oertelplatz)	Tatsächliche Vorbelastung (mit Verbrauchermärkten am Oertelplatz)
	tags	tags	tags
IO 2	55	56	56

Es zeigt sich, dass der gewählte planerisch-konservative Ansatz bei der Ermittlung der Vorbelastungssituation durch die Methode der freien Schallausbreitung (also ohne Berücksichtigung tatsächlich vorhandener Gebäude als Hindernisse auf dem Ausbreitungsweg) für alle möglichen zukünftigen Entwicklungen die Schallsituation auf der sicheren Seite beschreibt. Unter Ansatz der tatsächlichen und/oder geplanten Bebauung und der Emissionsdaten der neuen Anlage kann dann exakt ermittelt werden, wie sich im jeweiligen Bebauungszustand die Schallsituation tatsächlich dar-

stellt. Eine weitere Entwicklung der bestehenden Gewerbebetriebe (beispielsweise Verbrauchermärkte) und die Ansiedlung wohngebietsverträglicher Gewerbeanlagen ist somit weiterhin mit innerstädtischen Anforderungen an den Lärmschutz möglich.

4.4 Terz-Beurteilungspegel tieffrequenter Geräusche

Beurteilungspegel am IO 1 aus Rechenwerten

In der folgenden Tabelle sind die im Gutachten zu den Schallemissionsmessungen [9] ermittelten, jeweils ungünstigsten Terzbandpegel des tieffrequenten Schalls im Überblick für den maßgebenden Immissionsort IO 1 aufgeführt (entnommen aus Tabelle 6 auf Blatt 43 in [9]). Es handelt sich um die für den jeweiligen Fahrzeugtyp der Kettenfahrzeuge ungünstigsten Terz zugehörigen Terz-Beurteilungspegel sowie den maximalen Terz-Schalldruckpegel des tieffrequenten Schalls, jeweils Z-bewertet (linear). Zusätzlich werden die Anhaltswerte summiert mit dem jeweiligen Wert der Hörschwellenkurve L_{HS} dargestellt sowie die sich ergebende Differenz:

Tabelle 14. Auszug aus Tabelle 6 vom Gutachten zur Schallmessung [9]: Maßgebliche Terz-Beurteilungspegel und maximale Terz-Schalldruckpegel des tieffrequenten Schalls der jeweiligen Fahrzeugtypen, mit Vergleich bezüglich der Anhaltswerte und dem zur jeweiligen Terz zugehörigen Wert der Hörschwellenkurve (alle Pegel in dB(Z)).

Fahrzeug	Terz mit der Mittenfrequenz f_{Terz} in Hz	$L_{Terz,r}$ in dB(Z)	$L_{HS} + AHW_{Tag}$ in dB	Über (+) - / Unter (-) - schreitung in dB
Z-bewertete (lineare) Terz-Beurteilungspegel $L_{Terz,r}$				
Leopard 1	80	49,7	38,0	+ 12 ¹⁾
Leopard 2	100	41,9	38,5	+ 3 ²⁾
Puma	80	31,8	38,0	- 6
Z-bewertete (lineare) maximale Terz-Schalldruckpegel $L_{Terz,Fmax}$				
Leopard 1	63	74,9	48,5	+ 26
Leopard 2	80	63,7	48,0	+ 16
Puma	80	57,7	48,0	+ 10

Dabei ist:

$L_{Terz,r}$ bzw. $L_{Terz,Fmax}$ der Terzbandpegel des hervortretenden Einzeltones,

L_{HS} der zugehörige Hörschwellenpegel nach DIN 45680.

AHW der zur Anhaltswert für den Beurteilungszeitraum nach DIN 45680 (Bildung siehe Kapitel 2.3.2)

Diese Berechnungen für den maßgebenden Immissionsort IO 1 erfolgten auf Basis der Messwerte am Vergleichs-Messpunkt MP-2 (zur Lage siehe Anhang A, Seite 2) und sind in Kapitel 6.5 ab Blatt 37 in [9] dokumentiert. Somit können bei zukünftigen Messungen am Vergleichs-Messpunkt MP-2 durch einen einfachen Vergleich Rückschlüsse auf die Einwirkungen am Immissionsort IO 1 gezogen werden.

Beurteilungspegel aus Messwerten an den Immissionsorten

Neben den vorigen Berechnungen wurden zusätzliche Schalldruckpegel-Messungen im weiteren Umfeld an zwölf Immissionsorten vor Ort in der Nachbarschaft durchgeführt. Diese Messungen dienen der messtechnischen Ermittlung der anteiligen tief-frequenten Geräuschimmissionen in der Wohnnachbarschaft und sind in einem weiteren Gutachten [10] dargestellt.

Die Messungen geben einen guten Überblick über die aktuelle Situation vor Ort unter den derzeitigen Ausbreitungsbedingungen und ermöglichen eine Beurteilung der Situation im weiteren Umfeld durch eine Vielzahl von Messungen an verschiedenen Immissionsorten.

Tabelle 15. Auszug aus Tabelle 5, Blatt 36 vom Gutachten zur Schallmessung in der Wohn-nachbarschaft [10]: Maßgebliche Terz-Beurteilungspegel und maximale Terz-Schalldruck-pegel des tieffrequenten Schalls der jeweiligen Fahrzeugtypen, mit Vergleich bezüglich der Anhaltswerte und dem zur jeweiligen Terz zugehörigen Wert der Hörschwellenkurve (alle Pegel in dB(Z)).

IO-Nr.	Anschrift (Str. / Nr.)	Leopard 1		Leopard 2		Puma	
		Über (+) - / Unter (-) - schreitung in dB im Beurtei- lungspegel	Über (+) - / Unter (-) - schreitung in dB im Maximal- pegel	Über (+) - / Unter (-) - schreitung in dB im Beurtei- lungspegel	Über (+) - / Unter (-) - schreitung in dB im Maximal- pegel	Über (+) - / Unter (-) - schreitung in dB im Beurtei- lungspegel	Über (+) - / Unter (-) - schreitung in dB im Maximal- pegel
1	Mayrstraße 3	+ 9	+ 21	± 0	+ 10	- Fahrzeug nicht verfügbar -	
1a	Peter-Müller-Straße 4	+ 4	+ 20	- 5	+ 10	- Fahrzeug nicht verfügbar -	
2	Georg-Reismüller-Straße 19	- nicht aus- wertbar -	± 0	- nicht aus- wertbar -	+ 9	- nicht auswertbar -	
2a	Georg-Reismüller-Straße 31c	- nicht aus- wertbar -	+ 13	- nicht aus- wertbar -	+ 14	- nicht auswertbar -	
2b	SO-Ecke B-Plan „Diamalt-Gelände“	+ 5	+ 20	+ 4	+ 22	- 10	+ 2
2c	östl. Grenze B-Plan „Diamalt-Gelände“	+ 1	+ 17	- 1	+ 18	- 12	± 0
3	Tubeufstraße 18	- 2	+ 12	- 9	+ 8	- Fahrzeug nicht verfügbar -	
3a	Hehnstraße 9	- 6	+ 8	- 12	+ 3	- Fahrzeug nicht verfügbar -	
4	Storchenweg 22	+ 9	+ 27	± 0	+ 16	- Fahrzeug nicht verfügbar -	
4a	Storchenweg 46	+ 6	+ 26	- 5	+ 14	- Fahrzeug nicht verfügbar -	
5	Ludwigsfelder Straße 49	+ 12	+ 25	+ 1	+ 10	- nicht auswertbar -	
5a	Ludwigsfelder Straße 57	+ 12	+ 26	+ 3	+ 9	- nicht auswertbar -	
6	Reinhard-von-Frank-Straße 20A	+ 9	+ 25	+ 1	+ 19	- 6	+ 16
7	Tubeufstraße 19B	+ 12	+ 26	+ 3	+ 16	- 10	+ 11

Da die Immissionsorte in einem Abstand von mehr als 200 m zur Panzerteststrecke liegen, ist davon auszugehen, dass die „Unsicherheit der erhobenen Messwerte des tieffrequenten Schalls im Freibereich der Wohngebäude bei ± 3 dB liegt“ (entnommen aus erstem Absatz auf Blatt 38 in [10]). Daher können sich hier andere Werte ergeben im Vergleich zu den zuvor dargestellten, berechneten Werten auf Basis des Vergleichs-Messpunkt MP-2.

Wie der Vergleich mit den zuvor berechneten Werten am maßgebenden IO 1 zeigt, liegen diese Ergebnisse auf Basis der Messungen direkt am Immissionsort durchwegs niedriger. So ergibt sich, jeweils vom Kettenfahrzeug Leopard 1, am Immissionsort IO 1 beim Terz-Beurteilungspegel eine höchstens zu erwartende Überschreitung von + 9 dB (statt zuvor + 12 dB in Tabelle 6 auf Blatt 43 in [9]) und beim

maximalen Terz-Schalldruckpegel von +21 dB (statt zuvor +26 dB in Tabelle 6 auf Blatt 43 in [9]).

Es zeigt sich zudem, dass sich trotz größerer Entfernung auch um bis zu 1 dB höhere Werte ergeben können als am maßgebenden IO 1. So liegt die höchstens zu erwartende Überschreitung am IO 4 beim maximalen Terz-Schalldruckpegel bei bis zu +27 dB (siehe Tabelle 4, Blatt 30, IO 4, Leopard 1, Terzfrequenz 80 Hz, in [10]) und am IO 5a wird der maßgebliche Terz-Beurteilungspegel um bis zu +12 dB (siehe Tabelle 4, Blatt 32, IO 5a, Leopard 1, Terzfrequenz 80 Hz, in [10]) überschritten.

Dabei wurden nicht nur die maximalen tieffrequenten Lärmeinwirkungen erhoben, sondern auch an weiteren, zusätzlich zur Information eingeführten Immissionsorten Messungen durchgeführt. Es handelt sich hierbei um weitere Gebäude in der räumlichen Nähe zur Panzerteststrecke in Bereichen (IO 6 und IO 7), die ein Gesamtbild hinsichtlich des tieffrequenten Schalls an allen Immissionsorten erlauben.

5 Beurteilung

Aus den Messergebnissen nach [9] wurden die Schallemissionen auf der Teststrecke sowie die hierbei in der Nachbarschaft hervorgerufenen Schallimmissionen in Form von Beurteilungspegel an den maßgebenden Immissionsorten rechnerisch ermittelt.

Diese Schallemissionen stellen höchstzulässige längenbezogene Schallleistungspegel auf der Teststrecke dar, bei deren Einhaltung die Anforderungen im Sinne der TA Lärm [5] sichergestellt werden.

Wie aus dem Vergleich der schalltechnischen Anforderungen der Tabellen in Kapitel 4.2 ersichtlich, werden bei Einhaltung der maximalen Rundenzahlen je Fahrzeug pro Tag die schalltechnischen Anforderungen der TA Lärm eingehalten oder unterschritten. Ausnahme hiervon stellt ein unterstelltes Schutzniveau wie das eines Reinen Wohngebietes (WR) am Immissionsort IO 4 in der östlich gelegenen Hackersiedlung dar.

Für das mit Kleinhäusern bebaute Gebiet an der Storchenstraße zeigt der rechtskräftige Bebauungsplan [1] WR-Nutzung auf. Der aktuelle Flächennutzungsplan zeigt dagegen WA-Gebiet, der 1. Flächennutzungsplan der Landeshauptstadt München von 1965 hingegen ein Industriegebiet (GI). Aufgrund der unmittelbar angrenzenden gewerblichen Nutzung (Betonwerk) im Norden, für das der aktuelle Flächennutzungsplan GI-Ausweisung aufzeigt, ist der Ansatz für Schutzbedürftigkeit für WR nicht einhaltbar. Hinsichtlich der Wohnnutzungen innerhalb des mit Kleinhäusern bebauten Gebietes ist der Gebietscharakter vergleichbar dem eines Allgemeinen Wohngebietes (WA). Es erscheint daher geboten, hier nicht den grundsätzlichen Schutzanspruch, sondern den tatsächlichen Schutzanspruch zugrunde zu legen unter Berücksichtigung der zeitlichen Abfolge der realisierten Nutzungen und der Prägung durch die umliegenden gewerblichen Nutzungen, sowie zudem die tatsächlich vorliegende Schallsituation zu berücksichtigen. Schon durch das unmittelbare Aneinandergrenzen an die umliegenden Industriegebiete ist es daher hier geboten, Zwischenwerte in Höhe der Immissionsrichtwerte eines Mischgebietes (MI) anzusetzen. Vergleicht man den ermittelten Beurteilungspegel aus der Teststrecke mit den Immissionsrichtwerten eines Allgemeinen Wohngebietes (WA), so werden diese um 7 dB(A) unterschritten. Bereits beim Zwischenwert eines WA-Schutzniveaus leisten die durch die Test-

strecke hervorgerufenen Schallimmissionen einen Immissionsbeitrag, der die Relevanzgrenze nach Nr. 3.2.1 Absatz 2 der TA Lärm [5] unterschreitet.

Der Betrieb der Testfahrbahn ist demnach in vollem Umfang möglich, sofern eine der nachfolgenden Randbedingungen eingehalten wird:

1. Ausschließlicher Einsatz von Kettenfahrzeugen, die einen längenbezogenen Schallleistungspegel von $L_{WA}' = 90 \text{ dB(A)/m}$ im Tageszeitraum nicht überschreiten.
2. Ausschließlicher Einsatz von Radfahrzeugen, die einen längenbezogenen Schallleistungspegel von $L_{WA}' = 91 \text{ dB(A)/m}$ im Tageszeitraum nicht überschreiten.
3. Einsatz eines beliebigen anderen Fahrzeugs, das am Messpunkt MP 2 zu einem täglichen Beurteilungspegel $L_{r, \text{Tag}}$ von nicht mehr als 51,8 dB(A) führt, unter Berücksichtigung von Zuschlägen für Ton- und Informationshaltigkeit und für Impulshaltigkeit der TA Lärm [5].

Nachfolgend hierzu Regelbeispiele der einzelnen zum Einsatz kommenden Fahrzeuge:

- Ausschließlicher Einsatz von Kettenfahrzeugen des Typs „Leopard 1“ mit einem längenbezogenen Schallleistungspegel von $L_{WA, \text{Leo 1}}' = 90,2 \text{ dB(A)/m}$ im Tagzeitraum. Dies entspricht einer Nutzung von 65 Runden pro Tag.
- Ausschließlicher Einsatz von Kettenfahrzeugen des Typs „Leopard 2“ mit einem längenbezogenen Schallleistungspegel von $L_{WA, \text{Leo 2}}' = 90,3 \text{ dB(A)/m}$ im Tagzeitraum. Dies entspricht einer Nutzung von 60 Runden pro Tag.
- Ausschließlicher Einsatz von Kettenfahrzeugen des Typs „Puma“ mit einem längenbezogenen Schallleistungspegel von $L_{WA, \text{Puma}}' = 87,9 \text{ dB(A)/m}$ im Tagzeitraum. Dies entspricht einer Nutzung von 60 Runden pro Tag.
- Ausschließlicher Einsatz von Radfahrzeugen des Typs „Boxer“ mit einem längenbezogenen Schallleistungspegel von $L_{WA, \text{Boxer}}' = 91,0 \text{ dB(A)/m}$ im Tageszeitraum. Dies entspricht einer Nutzung von 1.203 Runden pro Tag.
- Ausschließlicher Einsatz von anderen Radfahrzeugen nach Abschnitt 3, gleichwertig des Typs „IVECO“ mit einem längenbezogenen Schallleistungspegel von $L_{WA, \text{IVECO}}' = 91,5 \text{ dB(A)/m}$ im Tagzeitraum. Dies entspricht einer Nutzung von 6.016 Runden pro Tag.

Zur Einhaltung der Immissionsrichtwertanteile sind auch Kombinationen der Fahrzeuge möglich, also ein Mischbetrieb, zumal bei den Radfahrzeugen die schalltechnisch mögliche Rundenzahl weit über den im Testbetrieb üblichen, maximal gefahrenen Runden liegt. Hierzu ist die prozentuale Ausschöpfung der jeweils genannten maximalen Rundenzahlen je eingesetztem Fahrzeug zu ermitteln und nachfolgend sind die Prozentzahlen über alle Fahrzeuge aufzusummieren. Sofern die Summe über alle Ketten- und Radfahrzeuge insgesamt 100 % nicht überschreitet, ist von einer Einhaltung der schalltechnischen Anforderungen am jeweiligen Einsatztag auszugehen.

An den zusätzlich zur Information eingeführten weiteren Immissionsorten wird die schalltechnische Relevanzgrenze um mindestens 2 dB unterschritten (IO 8), der durch die Teststrecke hervorgerufene Immissionsbeitrag unterschreitet hier somit mindestens die Relevanzgrenze nach Nr. 3.2.1 Absatz 2 der TA Lärm [5].

In den Flächen im Industriegebiet (vgl. IO 6 und IO 7) wird die Relevanzgrenze sogar um mindestens 7 dB unterschritten bzw. die Immissionsrichtwerte um mindestens 13 dB, daher wären auch bei einer zukünftigen Entwicklung dieser Flächen weg von einer industriellen Prägung die Einwirkungen der Panzerteststrecke aus schalltechnischer Sicht auch mit einem höheren Schutzniveau verträglich. Insgesamt ist festzuhalten, dass die Immissionsorte IO 6 bis IO 8 nicht maßgebend für die schalltechnische Beurteilung der Panzerteststrecke sind.

Beurteilung tieffrequenter Geräusche

Das Ziel der Norm DIN 45680 [13] besteht darin, Kriterien abzuleiten, bei deren Einhaltung der Schutz vor erheblichen Belästigungen im Wohnbereich sichergestellt ist. Allerdings ist dieses Kriterium nicht eindeutig, das heißt im Umkehrschluss bedeutet eine Überschreitung des Kriteriums nicht, dass eine Belästigung somit gegeben ist.

Schall gilt als Belästigung (im Sinne der Unerwünschtheit von Schall), wenn exponierte Personen ihn nach Möglichkeit mindern oder vermeiden würden. Die Belästigungsempfindung enthält einerseits eine schallbezogene Variable, andererseits eine auf den Exponierten bezogene individuelle Variable. Geräusche sind dann belästigend, wenn sie von einer Bezugsperson als nicht übereinstimmend mit ihren augenblicklichen Handlungen (z. B. geistige Arbeit) oder mit ihren Intentionen erlebt werden. Grundsätzlich hängt damit der Grad der auftretenden Belästigung sowohl von den physikalischen Geräuschkulissen als auch von einer Reihe subjektiver Faktoren ab. Im Regelfall kann man davon ausgehen, dass die Lärmbelästigung ansteigt, wenn

- die Lautstärke und die Lautheit ansteigt,
- Einzeltöne oder tonhafte Geräusche im tieffrequenten Bereich vorkommen,
- ausgeprägte Einzeltöne im Spektrum nachweisbar sind,
- die Schallpegelschwankungen eines Geräusches sehr schnell mehr als 5 dB über den mittleren Pegel ansteigen und diese Pegeländerung sehr kurzfristig ist, wenn also sogenannte Impulsgeräusche vorliegen,
- der Informationsgehalt des Signals ansteigt und
- starke Frequenzschwankungen auftreten.

Wie stets bei der Beurteilung von Geräuschimmissionen hängt das Ausmaß der Belästigung u. a. von der Stärke, der Dauer und der Häufigkeit der Geräuschimmissionen ab.

Für den Bereich gewerblicher Anlagen haben die Erfahrungen gezeigt, dass deutlich hervortretende Einzeltöne von Betroffenen dann als besonders auffällig, ungewohnt und damit stark belästigend erlebt werden, wenn die Einzeltöne zeitlich schwanken oder dauernd auftreten.

Hinsichtlich der Beurteilung tieffrequenter Geräusche ergaben die in [9] dokumentierten Messungen am Vergleichs-Messpunkt MP-2, dass außerhalb der Wohngebäude im Umfeld der Teststrecke für Kettenfahrzeuge nicht sicher ausgeschlossen werden kann, dass die Anhaltswerte zum Ausschluss schädlicher Umwelteinwirkungen innerhalb der schutzbedürftigen Wohnräume überschritten werden (siehe hierzu die Ausführungen auf Blatt 44 in [9]).

In einem weiteren Gutachten werden die dann an zwölf Immissionsorten durchgeführten zusätzlichen Schalldruckpegel-Messungen im weiteren Umfeld in der Nachbarschaft dargestellt und bewertet (siehe hierzu die Ausführungen auf Blättern 37 bis 44 in [10]). Diese dienen der messtechnischen Ermittlung der anteiligen tieffrequenten Geräuschimmissionen [10] zur Beurteilung der Situation im weiteren Umfeld.

Bei den aufgeführten Anhaltswerten handelt es sich jedoch nicht um einzuhaltende Grenzwerte, wie bereits zuvor geschildert, sondern um Hinweise, bei deren Einhaltung ohne weitere Prüfung des Einzelfalls schädliche Umwelteinwirkungen durch tieffrequente Geräusche ausgeschlossen werden können.

Im vorliegenden Fall ist zu berücksichtigen, wie sich die tieffrequente Schallsituation bis zum heutigen Tag entwickelt hat. Hierzu ein Vergleich mit dem in 2003 [11] angezeigten Fahrzeugaufkommen:

- Kettenfahrzeuge: 1176 Nutzungsstunden,
- Radfahrzeuge: 208 Nutzungsstunden,
- diverse Fahrzeuge: 400 Nutzungsstunden.

Legt man eine durchschnittliche Rundenzeit von 2 Minuten pro Runde für den 1 km langen Rundkurs der Teststrecke zugrunde, so lag seinerzeit die Nutzung der Teststrecke allein durch Kettenfahrzeuge **durchschnittlich** bei ca. 5 Stunden pro Tag bzw. 141 Runden pro Tag (siehe Blatt 29 in [9]). Hinzu kamen noch die Lärmeinwirkungen durch die Radfahrzeuge und diverse andere Fahrzeuge.

Die Verringerung der Rundenzahlen bzw. Nutzungsstunden spiegeln sich beim Leopard 1-Kettenfahrzeug in einer Reduktion auf 21 % im Vergleich zu den damaligen Nutzungsstunden (2003) bzw. einer Lärmreduktion um 7 dB wider.

Es ist weiter zu beachten, dass der Betrieb der Teststrecke nicht innerhalb der täglichen Ruhezeiten stattfindet und damit der Schutzanspruch für Tageszeiten mit erhöhter Empfindlichkeit für tieffrequente Geräusche sichergestellt ist.

Die Betriebszeiten auf Basis der höchstzulässigen Rundenzeiten der Kettenfahrzeuge beträgt für die Fahrzeuge Leopard 1 und Leopard 2 insgesamt maximal nur 2 Stunden und 10 Minuten am Tag, für den Puma maximal 2 Stunden, bei einer Geschwindigkeit von nur 30 km/h. Bei tatsächlich gefahrenen Geschwindigkeiten von 30 bis 55 km/h liegt selbst beim Leopard 1 die tatsächliche Betriebszeit bei nur ca. 100 Minuten am gesamten Tag. Dies ist im Vergleich zum 16-stündigen Beurteilungszeitraum Tag nach TA Lärm [5] nur ein relativ kurzer Zeitraum.

In [9] wird eine Überschreitung der Anhaltswerte zum Beiblatt der DIN 45680 [13] beim Terz-Beurteilungspegel im Tageszeitraum nur durch das Fahrzeug Leopard 1, und zwar in Höhe von 12 dB, ermittelt (siehe Blatt 43 in [9]). Zudem werden in [9]

maximale Terz-Schalldruckpegel ermittelt, die bei den Kettenfahrzeugen Puma, Leopard 2 und Leopard 1 jeweils zu Überschreitungen der Anhaltswerte führen, die höchste beim Leopard 1 um 26 dB. Neben diesen Berechnungen auf Basis der Messwerte vom Vergleichs-Messpunkt MP-2 ergaben zusätzliche Schalldruckpegelmessungen im weiteren Umfeld an zwölf Immissionsorten vor Ort in der Nachbarschaft ein ähnliches Bild bei den tieffrequenten Geräuschimmissionen [10]. Dabei ergaben sich höchstens zu erwartende Überschreitungen am IO 4 beim maximalen Terz-Schalldruckpegel bis zu + 27 dB (siehe Tabelle 4, Blatt 30, IO 4, Leopard 1, Terzfrequenz 80 Hz, in [10]) und am IO 5a wird der maßgebliche Terz-Beurteilungspegel um bis zu + 9 dB (siehe Tabelle 4, Blatt 32, IO 5a, Leopard 1, Terzfrequenz 80 Hz, in [10]) überschritten. Da es sich hier um fahrzeugtypische Spitzenpegel handelt, treten diese unmittelbar bei Nutzung der Teststrecke durch Kettenfahrzeuge auf und sind daher unvermeidbar, ein Betrieb wäre damit bereits mit Anlassen der Kettenfahrzeuge unzulässig.

Gegenüber dem mittel- und hochfrequenten Hörschall zeigen sich im tieffrequenten Schall (Frequenz < 100 Hz) abweichende physikalische Eigenschaften bei der Schalldämmung, der Schalldämpfung und der Schallbeugung an Hindernissen. Beispielsweise breiten sich die tieffrequenten Schallwellen ungehindert aus, obwohl Hindernisse auf dem Ausbreitungsweg vorhanden sind. Es wird keine wesentliche Schallminderung erreicht.

Die Übertragung des tieffrequenten Schalls erfolgt über die Luft und durch Schwingungen in Festkörpern, z. B. Fundamenten, Erdböden, Decken, Wänden, Fassaden usw.

Tieffrequenter Schall kann sich über große Entfernungen kilometerweit nahezu ungehindert ausbreiten, da bei der Ausbreitung der Schallwellen von tieffrequentem Schall die Luft- und Bodenabsorption sehr gering und in allen Ausbreitungsmedien die Dämpfung von tieffrequentem Schall nur unwesentlich ist.

Je größer die Wellenlänge und je kleiner das Hindernis, desto geringer ist dessen abschirmende Wirkung. Bei einer Frequenz von 63 Hz (80 Hz) beträgt die Wellenlänge λ etwa 5,4 m (4,3 m), in Abhängigkeit insbesondere von der Temperatur und dem Ausbreitungsmedium. Erst bei Hindernissen fünfmal größer als die Wellenlänge, wird der Schall nicht mehr fast vollständig um das Hindernis herum gebeugt und wirkt als Barriere bzw. Reflektor (allgemeiner Wissensstand zur Bildung eines Schallschattens), im vorliegenden Fall mit maßgebenden Frequenzanteilen, die bei 63 Hz (80 Hz) liegen, also erst ab einer Größe des Hindernisses von ca. 27 m (21 m). Hieraus zeigt sich die Wirkungslosigkeit z. B. von Schutzwällen, Hügeln und Lärmschutzwänden hinsichtlich einer relevanten Minderung dieser Frequenzanteile.

Unter den veränderten physikalischen Gesetzmäßigkeiten können die herkömmlichen technischen Schallschutzvorrichtungen, die üblicherweise zur Lärminderung für mittel- und hochfrequenten Hörschall eingesetzt werden, im tieffrequenten Bereich daher nur sehr geringe oder keine schallmindernde Wirkung erzielen.

6 Auflagenvorschläge zum Lärmschutz

„Mess- und Beurteilungsgrundlage ist die 6. Allgemeine Verwaltungsvorschrift zum Bundes-Immissionsschutzgesetz (Technische Anleitung zum Schutz gegen Lärm – TA Lärm vom 26.08.1998).

- 6.1** Die Beurteilungspegel der von der Teststrecke ausgehenden Geräusche, einschließlich zugehöriger Teilbereiche, dürfen im bestimmungsgemäßen Volllastbetrieb an den nächstliegenden Immissionsorten (IO 1 bis IO 5) die pauschal um 6 dB reduzierten Immissionsrichtwerte nicht überschreiten. An diesen Immissionsorten dürfen durch kurzzeitige Geräuschspitzen die nach TA Lärm zulässigen Immissionsrichtwerte um nicht mehr als 30 dB überschritten werden.

Die Nutzung der Teststrecke ist nur im Tagzeitraum in der Zeit zwischen 07:00 Uhr bis 20:00 Uhr zulässig, ein Betrieb der Teststrecke innerhalb der werktäglichen Tageszeiten mit erhöhter Empfindlichkeit, an Sonn- und Feiertagen ganztägig sowie ein Nachtbetrieb sind grundsätzlich unzulässig.

- 6.2** Die Teststrecke ist nach dem derzeitigen Stand der Technik zur Lärminderung zu errichten, zu warten und zu betreiben.

6.3 Höchstzulässige Geräuschemissionen der Teststrecke

Die Teststrecke ist so zu betreiben, dass einer der folgenden höchstzulässigen längenbezogenen Schalleistungspegel nicht überschritten wird.

Tabelle 16. Höchstzulässige längenbezogene Schalleistungspegel der Fahrzeuge.

Fahrzeug	Höchstzulässiger längenbezogener Schalleistungspegel L_{WA} in dB(A)
Kettenfahrzeug	90
Radfahrzeug	91

Die angegebenen höchstzulässigen längenbezogenen Schalleistungspegel beziehen sich auf die ausschließliche Nutzung durch Kettenfahrzeuge oder Radfahrzeuge. Im Rahmen der tatsächlichen Nutzung kann davon abgewichen werden, wenn nachgewiesen wird, dass im Mischbetrieb der Fahrzeuge am Messpunkt MP 2 ein täglicher Beurteilungspegel $L_{r,Tag}$ von 51,8 dB(A), unter Berücksichtigung von Zuschlägen für Ton- und Informationshaltigkeit und für Impulshaltigkeit der TA Lärm [5], nicht überschritten wird.

6.4 Nachweis einer auflagenkonformen Nutzung

Es ist an jedem Nutzungstag der Teststrecke im Vorfeld sicherzustellen und in einem Betriebstagebuch zu dokumentieren, dass die Summe der prozentualen Rundenzahlen über alle Fahrzeuge einen aufsummierten Wert von 100 % nicht übersteigt. Nachfolgend sind die schalltechnisch höchstzulässigen Rundenzahlen je Fahrzeug und Typ aufgeführt, also ohne Mischbetrieb für nur einen einzelnen Fahrzeugtyp, unabhängig davon, ob durch die prüfartabhängige Nutzung diese Rundenzahl tatsächlich erreicht wird, und somit ein Maß für den Erreichungsgrad der höchstzulässigen Rundenzahl und den Lärmanteil der einzelnen Fahrzeuge.

Bei alleiniger Nutzung durch einen einzelnen Fahrzeugtyp ist daher prüfartbedingt nur beim Kettenfahrzeug Leopard 1 sicherzustellen, dass die nachfolgend aufgeführte höchstzulässige Rundenzahl für diesen Fahrzeugtyp nicht überschritten wird, alle anderen Ketten- und Radfahrzeuge benötigen weniger Runden pro Tag. Bei Erreichen der fahrzeugbezogenen höchstzulässigen Rundenzahl ist die Teststrecke an diesem Tag zu schließen.

Bei Nutzung durch verschiedene Fahrzeugtypen (Mischbetrieb), bestimmen sich die zulässigen Rundenzahlen aus dem Prozentsatz der tatsächlich gefahrenen, fahrzeugbezogenen Rundenzahl und dem damit erreichten Prozentsatz.

Ab Erreichen von in Summe 100 % über alle Fahrzeugtypen, die an diesem Tag die Teststrecke nutzen, ist die Teststrecke für diesen Tag zu schließen.

Daher sind bei den lärmärmeren Radfahrzeugen höchstzulässige Rundenzahlen angegeben, die selbst bei kontinuierlicher Nutzung durch ein Radfahrzeug alleine nicht erreicht werden können. Die angegebene Rundenzahl je Radfahrzeug und Typ ist daher ein Maß für den höchstzulässigen Lärmanteil für die Nutzung durch nur einen einzelnen Fahrzeugtyp:

- Kettenfahrzeuge des Typs „Leopard 1“ zu 65 Runden pro Tag (= 100 %).
- Kettenfahrzeuge des Typs „Leopard 2“ zu 65 Runden pro Tag (= 100 %).
- Kettenfahrzeugen des Typs „Puma“ zu 109 Runden pro Tag (= 100 %).
- Radfahrzeugen des Typs „Boxer“ zu 1.203 Runden pro Tag (= 100 %).
- Radfahrzeugen des Typs „Dingo“ zu 6.016 Runden pro Tag (= 100 %).
- Radfahrzeugen des Typs „Dingo HD“ zu 6.016 Runden pro Tag (= 100 %).
- Radfahrzeugen des Typs „Fennek“ zu 6.016 Runden pro Tag (= 100 %).
- Radfahrzeugen des Typs „Iveco“ zu 6.016 Runden pro Tag (= 100 %).

Es ist zudem im Vorfeld sicherzustellen, dass die Summe der Prozentzahlen über alle Fahrzeuge einen aufsummierten Wert von 100 % nicht übersteigt.

6.5 Tieffrequente Geräuschanteile (unter 90 Hz) im Sinne der DIN 45860 dürfen den Anhaltswert innerhalb schutzbedürftiger Räume in Wohngebäuden in der Nachbarschaft beim Terz-Beurteilungspegel im Tagzeitraum um nicht mehr als 9 dB überschreiten. Die maximalen Terz-Schalldruckpegel dürfen die zugehörigen Anhaltswerte um nicht mehr als 27 dB überschreiten.

6.6 Sofern zukünftig auf der Panzerteststrecke neue geräuschintensive Fahrzeugtypen zum Einsatz gebracht werden, ist durch Emissionsmessungen nachzuweisen, welcher der im Punkt 1.3 genannten Fahrzeuggruppe dieser Typ zuzuordnen ist.

Sofern erforderlich, muss eine neue Fahrzeuggruppe gebildet werden, für die höchstzulässige Rundenzahl bei alleiniger Nutzung durch den neuen Typ zu ermitteln ist.

Nach unserer Einschätzung werden mit diesen Auflagenvorschlägen alle Randbedingungen erfasst, die für die Sicherstellung der Einhaltung der schalltechnischen Anforderungen im Sinne der TA Lärm erforderlich sind.

7 Grundlagen

[1] Planunterlagen:

- Auszug aus Flächennutzungsplan der Landeshauptstadt München (Internetversion).
- Auszug aus Lageplan der rechtskräftigen Bebauungspläne der Landeshauptstadt München (Internetversion).
- Bebauungsplan Nr. 978 der Landeshauptstadt München "Peter-Müller-Straße, Flurstück 957" (Internetversion).
- Bebauungsplan Nr. 1871 der Landeshauptstadt München "Ludwigsfelder Straße (südlich) – Hackersiedlung" (Internetversion).
- Bebauungsplan Nr. 1655a der Landeshauptstadt München " Oertelplatz, Bahnlinie München-Ingolstadt (westlich), Hintermeierstraße (nördlich), Lautenschlägerstraße (östlich), Vesaliusstraße (südlich) und Georg-Reismüller-Straße (östlich) sowie Franz-Nißl-Straße (westlich) (Teiländerung des Bebauungsplans Nr. 859)" (Internetversion).
- Bebauungsplan Nr. 2103 der Landeshauptstadt München, Diamalt-Gelände "Georg-Reismüller-Straße (östlich), Ludwigsfelder Straße (südlich), Bahnlinie München-Treuchtlingen (westlich), imaginäre östliche Verlängerung der Höcherstraße (nördlich), teilweise Verdrängung des Bebauungsplanes mit Grünordnung Nr. 1904)" (Internetversion).
- Lageplan Hallenbelegung der Firma Krauss-Maffei Wegmann M 1:1.000 von 2015.
- Digitale Flurkarte (DFK) und digitale Orthophotos (DOP), bayerisches Landesamt für Vermessung und Geoinformation, Stand 22.02.2017.
- Digitales Geländemodell (DGM 2), bayerisches Landesamt für Vermessung und Geoinformation, Stand 22.02.2017.
- 3D-Gebäudemodell (LoD1), Landesamt für Digitalisierung, Breitband und Vermessung, Stand 22.02.2017.
- Angaben zu den aktuellen Einsatzzeiten auf der Teststrecke per E-Mail vom 13.03.2017.

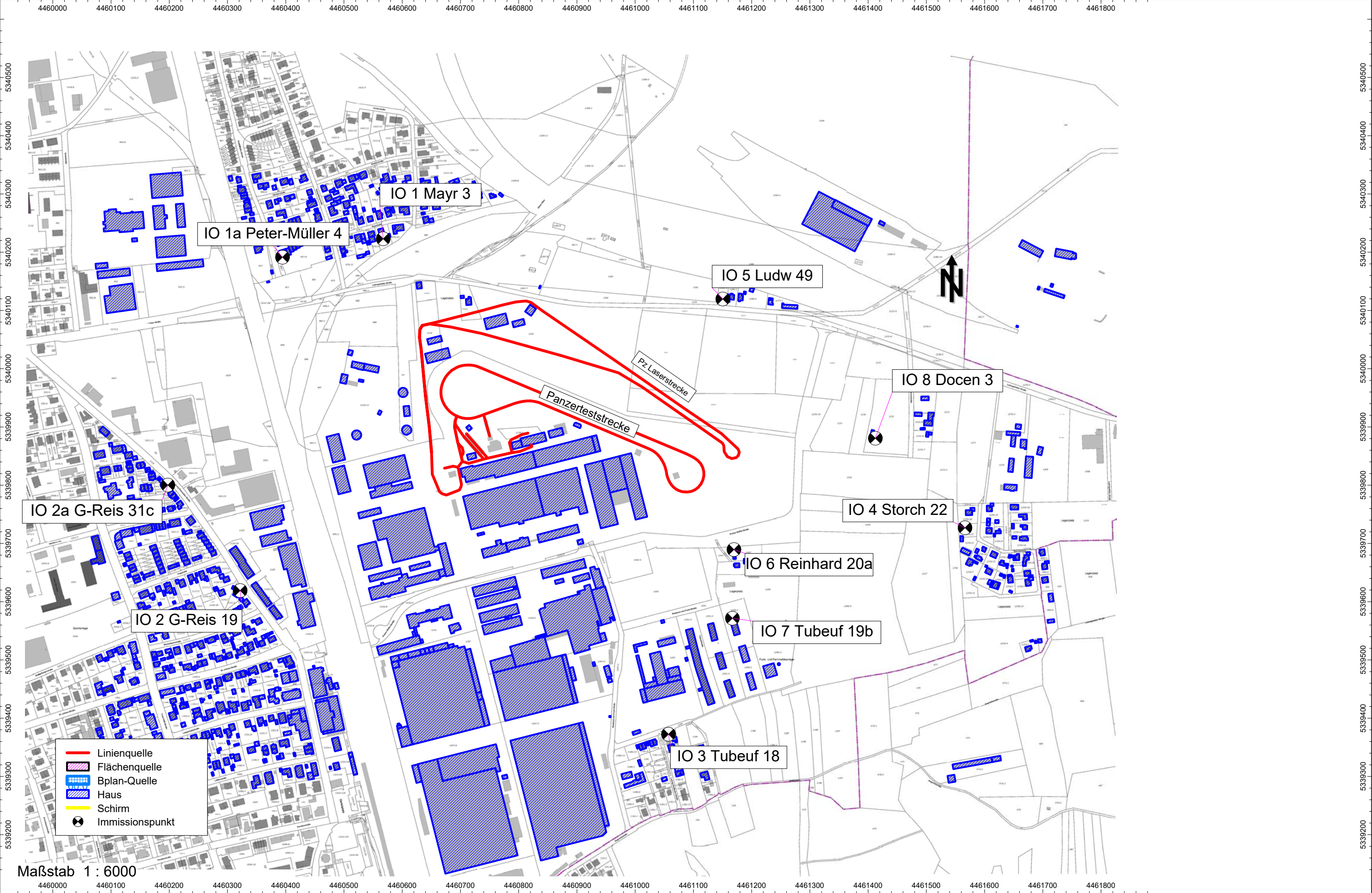
[2] Bundes-Immissionsschutzgesetz – Gesetz zum Schutz vor schädlichen Umwelteinwirkungen durch Luftverunreinigungen, Geräusche, Erschütterungen und ähnliche Vorgänge (Bundes-Immissionsschutzgesetz - BImSchG) in der Fassung der Bekanntmachung vom 17. Mai 2013 (BGBl. I S. 1274), zuletzt durch Artikel 1 des Gesetzes vom 8. April 2019 (BGBl. I S. 432) geändert.

[3] Vierte Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes (Verordnung über genehmigungsbedürftige Anlagen - 4. BImSchV) in der Fassung der Bekanntmachung vom 14. März 1997 (BGBl. Nr. 17 vom 20.03.1997 S. 504) zuletzt geändert am 14. August 2003 (BGBl. Nr. 41 vom 19.08.2003 S. 1614).

- [4] DIN 18005: Schallschutz im Städtebau, Teil 1: Grundlagen und Hinweise für die Planung, Juli 2002.
- [5] Sechste Allgemeine Verwaltungsvorschrift zum Bundes-Immissionsschutzgesetz (Technische Anleitung zum Schutz gegen Lärm – TA Lärm) vom 26. August 1998 (GMBI Nr. 26/1998 S. 503), geändert durch Verwaltungsvorschrift vom 01.06.2017 (BANz AT 08.06.2017 B5).
- [6] Hinweise zur Auslegung der TA Lärm 1998, Bayerisches Staatsministerium für Landesentwicklung und Umweltfragen, April 2000.
- [7] DIN ISO 9613-2: Akustik – Dämpfung des Schalls bei der Ausbreitung im Freien. Teil 2: Allgemeines Berechnungsverfahren. Entwurf September 1997.
- [8] Müller-BBM Projektmanagement Bericht Nr. P75338/01 „Kurzdarstellung, Antrag der Krauss-Maffei Wegmann GmbH & Co. KG gemäß § 4 BImSchG zum Betrieb einer Panzerteststrecke gemäß Ziffer 10.17.1 der 4. BImSchV“, im Entwurf vom 08.07.2019.
- [9] „Ermittlung der Geräuschemissionen, verursacht durch den Betrieb der Panzerteststrecke der Fa. Krauss-Maffei Wegmann GmbH & Co. KG am Standort ‚Krauss-Maffei-Straße 11‘ in 80997 München“, Gutachten Nr. 3042-18-AA-19-PB002 vom SGL Prüf- und Zertifizierungs GmbH – Fachbereich Akustik und Schallschutz vom 20.08.2019.
- [10] „Ermittlung und Beurteilung der anteiligen tieffrequenten Geräuschemissionen in der Wohnnachbarschaft, verursacht durch den geplanten Betrieb der Panzerteststrecke der Fa. Krauss-Maffei Wegmann GmbH & Co. KG am Standort ‚Krauss-Maffei-Straße 11‘ in 80997 München“, Gutachten Nr. 3042-18-AA-19-PB003 vom SGL Prüf- und Zertifizierungs GmbH – Fachbereich Akustik und Schallschutz vom 25.08.2019.
- [11] Schreiben des Referats für Gesundheit und Umwelt der Landeshauptstadt München vom 24.05.2004 zur Anzeige nach § 67 Abs. 2 BImSchG vom 05.11.03 hinsichtlich einer Panzerteststrecke.
- [12] DIN 45680, „Messung und Bewertung tieffrequenter Geräuschemissionen in der Nachbarschaft“, Ausgabe März 1997.
- [13] Beiblatt 1 zur DIN 45680, „Messung und Bewertung tieffrequenter Geräuschemissionen in der Nachbarschaft, Hinweise zur Beurteilung bei gewerblichen Anlagen“ Ausgabe März 1997.
- [14] DIN 45680 – Entwurf – : Messung und Beurteilung tieffrequenter Geräuschemissionen. September 2013.
- [15] DIN 45680 Beiblatt 1 – Entwurf –: Messung und Beurteilung tieffrequenter Geräuschemissionen – Hinweise zur Beurteilung – Technische Anlagen in der Nachbarschaft. September 2013.

- [16] Überschlägige Prognose und Beurteilung der tieffrequenten Schallimmissionen des BHKW-Abgaskamins im Freien – Hinweise für die Genehmigung und Überwachung. Anlage 4 zu den Nummern 3.6 und 4.2.2 des Biogasleitfaden Mecklenburg-Vorpommern 8/2012 (Hinweise zur Genehmigung und Überwachung von Biogasanlagen in Mecklenburg-Vorpommern. Erlass des Ministeriums für Wirtschaft, Bau und Tourismus, vom 30.09.2009, zuletzt geändert am 20.12.2013).
- [17] Tieffrequente Geräusche bei Biogasanlagen und Luftwärmepumpen – Ein Leitfaden –, Bayerisches Landesamt für Umwelt (LfU), Stand: Februar 2011.
- [18] Ein Ansatz für die Schallimmissionsprognose tieffrequenter Geräusche, C. Fritzsche, Thüringer Landesanstalt für Umwelt und Geologie, Seminar 17/2013, 29.05.2013.
- [19] Steger & Partner Lärmschutzberatung, Schreiben 4924/L1/stg vom 14.03.2017.

M131643/01 SGL/MARR
25. August 2019



S:\M\Proj\131\131643\Cadna\M131643_01_Ber_9d_Gesamtärm.cna - Variante: V10



Anhang B

EDV-Eingabedaten und Berechnung der Beurteilungspegel (Auszüge)

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Projekt (M131643_01_Ber_10d_Gesamtlärm.cna /- Teststrecke.cna)**Variante: (V08 - mit Umfeld / V10 - Panzerstrecke)**

Projektname : M131643
 Auftraggeber : Krauss-Maffei Wegmann GmbH & Co. KG
 Sachbearbeiter : Dipl.-Ing. Gunther Sigl
 Zeitpunkt der Berechnung : August 2019
 Cadna/A : Version 2018 (32 Bit)

Berechnungsprotokoll

Berechnungskonfiguration	
Parameter	Wert
Allgemein	
Land	(benutzerdefiniert)
Max. Fehler (dB)	0.00
Max. Suchradius (#(Unit,LEN))	2000.00
Mindestabst. Qu-Imm	0.00
Aufteilung	
Rasterfaktor	0.50
Max. Abschnittslänge (#(Unit,LEN))	1000.00
Min. Abschnittslänge (#(Unit,LEN))	1.00
Min. Abschnittslänge (%)	0.00
Proj. Linienquellen	An
Proj. Flächenquellen	An
Bezugszeit	
Bezugszeit Tag (min)	960.00
Bezugszeit Nacht (min)	60.00
Zuschlag Tag (dB)	0.00
Zuschlag Ruhezeit (dB)	6.00
Zuschlag Nacht (dB)	0.00
Zuschlag Ruhezeit nur für	Kurgebiet
	reines Wohngebiet
	allg. Wohngebiet
DGM	
Standardhöhe (m)	505.00
Geländemodell	Triangulation
Reflexion	
max. Reflexionsordnung	3
Reflektor-Suchradius um Qu	100.00
Reflektor-Suchradius um Imm	100.00
Max. Abstand Quelle - Impmpkt	1000.00 1000.00
Min. Abstand Impmpkt - Reflektor	1.00 1.00
Min. Abstand Quelle - Reflektor	0.50
Industrie (ISO 9613)	
Seitenbeugung	mehrere Obj
Hin. in FQ schirmen diese nicht ab	Aus
Abschirmung	ohne Bodendämpf. über Schirm
	Dz mit Begrenzung (20/25)
Schirmberechnungskoeffizienten C1,2,3	3.0 20.0 0.0
Temperatur (#(Unit,TEMP))	10
rel. Feuchte (%)	70
Windgeschw. für Kaminrw. (#(Unit,SPEED))	3.0
SCC_C0	2.0 2.0
Straße (RLS-90)	
Streng nach RLS-90	
Schiene (Schall 03 (2014))	
Fluglärm (???)	
Streng nach AzB	

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Emissionen Industrie

Teststrecke:

Linienquellen

Erläuterungen: Nach TA Lärm [5] ist zur Bildung des Beurteilungspegels eine zeitliche Mittelung über die Beurteilungszeit durchzuführen. Die Beurteilungszeit Tag erstreckt sich über den Zeitraum von 06:00 bis 22:00 Uhr und hat demzufolge 960 Minuten („Einwirkzeit“ tags). Bei Eingabe der Fahrten in die EDV ist bei den Linienquellen die tägliche Nutzung umzurechnen auf die Anzahl der Nutzungen pro Stunde der jeweiligen Fahrwege, hierdurch ergeben sich üblicherweise keine ganzen Zahlen als Rechenwerte. Bei Fahrwegen, die nur einmal pro Tag befahren werden, also 1 Nutzung pro 16 Stunden, ergibt dies eine Anzahl von 0,0625 Nutzungen pro Stunde, aufgerundet „0,1“. Wird auf dem gleichen Weg auch zurück gefahren (also kein einspurig befahrener Weg) und der Fahrweg 2-mal täglich genutzt, erhöht sich die Anzahl auf 0,25 Nutzungen pro Stunde, aufgerundet „0,3“.

Fahrzeuge auf Teststrecke:

(rückgerechnet aus dem Oktavspektrum und dem am Ersatzmesspunkt (MP-2) ermittelten höchsten täglichen Beurteilungspegel, beim Leopard 1: $L_{r,Tag} = 51,8 \text{ dB(A)}$, s. Blätter 34 bis 36 inklusive Tabellen 5 bis 9 in [9])

Bezeichnung	M.	ID	Schallleistung Lw			Schallleistung Lw'			Lw / Li			Korrektur			Einwirkzeit			K0	Bew. Punktquellen		
			Tag (dB(A))	Abend (dB(A))	Nacht (dB(A))	Tag (dB(A))	Abend (dB(A))	Nacht (dB(A))	Typ	Wert	norm. dB(A)	Tag dB(A)	Abend dB(A)	Nacht dB(A)	Tag (min)	Ruhe (min)	Nacht (min)		(dB)	Tag	Anzahl
Leopard 1		Panzerstrecke	120.6	30.4	30.4	90.2	0.0	0.0	Lw'	Leo_1		90.2	0.0	0.0	960.00	0.00	0.00	0.0			
Leopard 2	-	Panzerstrecke	120.6	30.3	30.3	90.3	-0.0	-0.0	Lw'	Leo_2		90.3	0.0	0.0	960.00	0.00	0.00	0.0			
Puma	-	Panzerstrecke	118.3	30.4	30.4	87.9	0.0	0.0	Lw'	Puma		87.9	0.0	0.0	960.00	0.00	0.00	0.0			
Boxer	-	Panzerstrecke	121.4	30.4	30.4	91.0	0.0	0.0	Lw'	Boxer		91.0	0.0	0.0	960.00	0.00	0.00	0.0			
IVECO	-	Panzerstrecke	121.8	30.3	30.3	91.5	-0.0	-0.0	Lw'	IVECO		91.5	0.0	0.0	960.00	0.00	0.00	0.0			

Fahrten auf dem Anlagengelände (maßgebend ist Leopard 1):

(aus Tabelle 4, Blatt 47 in [9])

Bezeichnung	M.	ID	Schallleistung Lw			Schallleistung Lw'			Lw / Li			Korrektur			Einwirkzeit			K0	Bew. Punktquellen			
			Tag	Abend	Nacht	Tag	Abend	Nacht	Typ	Wert	norm.	Tag	Abend	Nacht	Tag	Ruhe	Nacht		Anzahl	Geschw.		
			(dBa)	(dBa)	(dBa)	(dBa)	(dBa)	(dBa)				dB(A)	dB(A)	dB(A)	(min)	(min)	(min)	(dB)	Tag	Abend	Nacht	(km/h)
Ein- und Ausfahrt Pz-Strecke		Pz-Anl	86.4	-3.6	-3.6	67.4	-22.6	-22.6	Lw-PQ	Leo_1	114.4	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	5.0
Rangierfahrten zw Teilbereichen		Pz-Anl	96.8	2.0	2.0	72.2	-22.6	-22.6	Lw-PQ	Leo_1	114.4	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.3	0.0	0.0	5.0
Panzerteststrecke	~	KMW-RGU	121.4	121.4	121.4	91.0	91.0	91.0	Lw'	91		0.0	0.0	0.0	960.00	0.00	0.00	0.0				

Lärmemissionen aus Nutzung der Teilbereiche:

(aus Tabelle 4, Blatt 47 in [9])

Bezeichnung	M.	ID	Schallleistung Lw			Schallleistung Lw'			Lw / Li			Korrektur			Einwirkzeit			K0	Bew. Punktquellen			
			Tag	Abend	Nacht	Tag	Abend	Nacht	Typ	Wert	norm.	Tag	Abend	Nacht	Tag	Ruhe	Nacht		Anzahl	Geschw.		
			(dBa)	(dBa)	(dBa)	(dBa)	(dBa)	(dBa)				dB(A)	dB(A)	dB(A)	(min)	(min)	(min)	(dB)	Tag	Abend	Nacht	(km/h)
Querhang		Pz-Anl	93.1	3.1	3.1	73.9	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	30.0
Steilhang		Pz-Anl	93.5	3.5	3.5	73.9	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	30.0
Tauchbecken		Pz-Anl	91.3	1.3	1.3	73.9	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	30.0
Watbecken		Pz-Anl	89.7	-0.3	-0.3	73.9	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	30.0
Pz Überschreitungsgraben		Pz-Anl	91.3	1.3	1.3	73.9	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	30.0
Pz Laserstrecke		Pz-Anl	106.2	16.2	16.2	73.9	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.1	0.0	0.0	30.0
Pz Tankstelle		Pz-Anl	92.3	-2.5	-2.5	78.7	-16.1	-16.1	Lw-PQ	Leo 1	128.7	0.0	0.0	-10.0	960.00	0.00	0.00	0.0	0.3	0.0	0.0	30.0

Emissionsspektrum

Schallleistung

(s. Tabellen 5 bis 9, Blätter 35 bis 36 in [9])

Bezeichnung	ID	Typ	Oktavspektrum (dB)													Quelle
			Bew.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin		
Leopard 1	Leo_1	Li	A	-41.5	-6.6	-13.5	-8.7	-7.2	-6.0	-9.8	-12.3	-25.9	0.0	19.8		
Leopard 2	Leo_2	Li	A	-42.0	-21.1	-10.1	-6.1	-7.1	-6.8	-8.2	-10.7	-23.1	-0.0	10.1		
Puma	Puma	Li	A	-40.7	-23.4	-13.9	-4.8	-5.2	-8.2	-10.8	-10.6	-23.6	0.0	8.8		
Boxer	Boxer	Li	A	-32.7	-18.0	-13.2	-8.3	-6.1	-5.5	-6.8	-13.3	-19.0	0.0	11.9		
IVECO	IVECO	Li	A	-39.1	-27.5	-19.0	-14.0	-7.0	-3.2	-6.6	-13.9	-21.9	-0.0	5.7		

Beurteilungspegel (Teststrecke)**Teststrecke inklusive zugehöriger Teilbereiche/Anlagen**

(unter Berücksichtigung des Fahrzeuges „Leopard 1“ auf der Teststrecke, Nutzung der Teilbereiche und Fahrten auf dem Anlagengelände in Zusammenhang mit der Teststrecke)

Bezeichnung	M.	ID	Pegel Lr		Richtwert		Nutzungsart		Höhe	Koordinaten				
			Tag	Nacht	Tag	Nacht	Gebiet	Auto	Lärmart		X	Y	Z	
			(dBA)	(dBA)	(dBA)	(dBA)				(m)	(m)	(m)	(m)	
IO 1 Mayr 3		IO	52.0	-80.2	55.0	40.0	WA		Industrie	5.30	r	4460567.37	5340222.98	507.71
IO 1a Peter-Müller 4	+	IO	50.1	-80.2	55.0	40.0	WA		Industrie	5.30	r	4460394.46	5340191.41	508.51
IO 2 G-Reis 19		IO	44.7	-80.2	55.0	40.0	WA		Industrie	5.30	r	4460321.82	5339619.17	511.38
IO 2a G-Reis 31c	+	IO	46.9	-80.2	55.0	40.0	WA		Industrie	5.30	r	4460197.57	5339800.24	510.54
IO 3 Tubeuf 18		IO	42.4	-80.2	60.0	45.0	MI		Industrie	5.30	r	4461057.20	5339372.46	510.83
IO 4 Storch 22		IO	48.4	-80.2	50.0	35.0	WR		Industrie	2.80	r	4461566.41	5339727.04	505.54
IO 5 Ludw 49		IO	53.5	-80.2	60.0	45.0	MI		Industrie	5.30	r	4461150.43	5340119.67	507.68
IO 6 Reinhard 20a	+	IO	57.0	-80.2	0.0	0.0			Industrie	4.50	r	4461169.63	5339689.58	508.25
IO 7 Tubeuf 19b	+	IO	54.2	-80.2	0.0	0.0			Industrie	14.70	r	4461166.96	5339571.71	519.38
IO 8 Docen 3	+	IO	51.7	-80.2	60.0	45.0	MI		Industrie	5.30	r	4461412.53	5339880.64	507.24

Teilpegel Tag der Quellen an den Immissionspunkten (alle zur Teststrecke zugehörige Quellen aktiviert)

Quelle			Teilpegel V10 Tag									
Bezeichnung	M.	ID	IO 1 Mayr 3	IO 1a Peter- Müller 4	IO 2 G- Reis 19	IO 2a G-Reis 31c	IO 3 Tubeuf 18	IO 4 Storch 22	IO 5 Ludw 49	IO 6 Reinhard 20a	IO 7 Tubeuf 19b	IO 8 Docen 3
Leopard 1		Panzerstrecke	51.5	49.8	44.4	46.5	42.3	48.3	53.2	56.9	54.1	51.6
Leopard 2	+	Panzerstrecke	50.9	49.3	43.4	45.9	40.0	47.9	52.7	56.6	53.8	51.3
Puma	+	Panzerstrecke	48.7	47.2	41.3	43.8	37.6	45.8	50.6	54.4	51.6	49.1
Boxer	+	Panzerstrecke	51.4	49.9	43.6	46.2	39.7	48.5	53.2	57.3	54.5	51.9
IVECO	+	Panzerstrecke	51.4	50.1	43.2	46.0	37.9	48.7	53.2	57.6	54.8	52.2
Ein- und Ausfahrt Pz-Strecke		Pz-Anl	20.1	16.6	11.7	12.6	5.9	8.6	16.0	11.2	12.1	11.6
Querhang		Pz-Anl	26.9	23.7	18.9	19.7	12.3	15.7	22.9	18.0	18.7	18.6
Steilhang		Pz-Anl	27.0	25.2	18.4	20.6	14.0	17.0	24.4	19.0	20.1	19.6
Tauchbecken		Pz-Anl	24.4	23.0	16.5	19.5	10.8	14.5	22.8	16.3	17.0	17.1
Watbecken		Pz-Anl	23.0	21.7	16.8	18.3	8.4	13.7	21.4	14.8	16.6	16.9
Pz Überschreitungsgraben		Pz-Anl	25.2	23.4	18.5	20.1	6.0	7.3	23.2	10.5	10.6	13.7
Pz Laserstrecke		Pz-Anl	41.9	38.2	30.4	33.9	27.8	33.0	41.5	39.5	37.2	37.2
Pz Tankstelle		Pz-Anl	24.6	23.3	22.7	22.3	12.9	9.1	21.9	12.3	12.6	16.2
Rangierfahrten zw Teilbereichen		Pz-Anl	28.9	27.0	23.2	25.8	17.7	16.9	26.1	18.7	19.1	20.6

Quelle			Teilpegel V10 Tag		
Bezeichnung	M.	ID	MP-1 (Förster)	MP-2 (Förster)	MP-3 (Förster)
Leopard 1		Panzerstrecke	57.1	51.8	52.8
Leopard 2	+	Panzerstrecke	56.5	51.4	52.6
Puma	+	Panzerstrecke	54.3	49.2	50.4
Boxer	+	Panzerstrecke	57.0	51.8	53.2
IVECO	+	Panzerstrecke	57.1	51.8	53.5
Ein- und Ausfahrt Pz-Strecke		Pz-Anl	23.4	18.5	10.6
Querhang		Pz-Anl	30.2	25.4	17.7
Steilhang		Pz-Anl	30.4	27.0	18.8
Tauchbecken		Pz-Anl	27.7	25.9	16.2
Watbecken		Pz-Anl	28.5	23.5	15.6
Pz Überschreitungsgraben		Pz-Anl	29.9	25.8	9.3
Pz Laserstrecke		Pz-Anl	61.6	40.2	38.0
Pz Tankstelle		Pz-Anl	26.5	28.5	11.4
Rangierfahrten zw Teilbereichen		Pz-Anl	32.2	31.8	18.5

Bestehende Schallsituation im weiteren Umfeld:**Linienquellen**

Erläuterungen: Nach TA Lärm [5] ist zur Bildung des Beurteilungspegels eine zeitliche Mittelung über die Beurteilungszeit durchzuführen. Die Beurteilungszeit Tag erstreckt sich über den Zeitraum von 06:00 Uhr bis 22:00 Uhr und hat demzufolge 960 Minuten („Einwirkzeit“ tags).

Flächenquellen

Bezeichnung	M.	ID	Schallleistung Lw			Schallleistung Lw"			Lw / Li		Korrektur			Einwirkzeit			K0	Freq.	Richtw.	
			Tag	Abend	Nacht	Tag	Abend	Nacht	Typ	Wert	norm.	Tag	Abend	Nacht	Tag	Ruhe				Nacht
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(dB(A))	(dB(A))	(dB(A))	(min)	(min)	(min)	(dB)	(Hz)	
Bestand KMW	+	!04!	115.3	115.3	100.3	65.0	65.0	50.0	Lw"	65		0.0	0.0	-15.0	780.00	180.00	60.00	0.0	500	(keine)
Panzerteststrecke & Parken	+	!04!	121.5	121.5	93.5	73.0	73.0	45.0	Lw"	73		0.0	0.0	-28.0	960.00	0.00	60.00	0.0	500	(keine)
Gl östlich Storchweg		!01!	117.9	117.9	104.9	65.0	65.0	52.0	Lw"	65		0.0	0.0	-13.0	780.00	180.00	60.00	0.0	500	(keine)
Gl Junkergelände		!01!	105.4	105.4	92.4	57.0	57.0	44.0	Lw"	57		0.0	0.0	-13.0	780.00	180.00	60.00	0.0	500	(keine)
VE Recycling		!01!	102.3	102.3	89.3	63.0	63.0	50.0	Lw"	63		0.0	0.0	-13.0	780.00	180.00	60.00	0.0	500	(keine)
Lok-Lackierhalle		!01!	109.5	109.5	92.5	75.0	75.0	58.0	Lw"	75		0.0	0.0	-17.0	960.00	0.00	60.00	0.0	500	(keine)
Krauss-Maffei-Group		!01!	119.9	119.9	104.9	65.0	65.0	50.0	Lw"	65		0.0	0.0	-15.0	780.00	180.00	60.00	0.0	500	(keine)
GE 1		!02!	104.0	104.0	89.0	60.0	60.0	45.0	Lw"	60		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
GE 2		!02!	102.7	102.7	87.7	60.0	60.0	45.0	Lw"	60		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
GE 3		!02!	112.5	112.5	97.5	65.0	65.0	50.0	Lw"	65		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
DB Schenker Rail		!01!	103.1	103.1	88.1	65.0	65.0	50.0	Lw"	65		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
GE-Süd, ALDI-Fläche		!01!	99.0	99.0	84.0	60.9	60.9	45.9	Lw	99		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
GE-Süd, dm-Fläche		!01!	101.0	101.0	86.0	67.1	67.1	52.1	Lw	101		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
GE-Süd, Werkstatt-Fläche		!01!	93.0	93.0	78.0	63.2	63.2	48.2	Lw	93		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)
GE-Süd, LIDL-Fläche		!01!	93.6	93.6	85.0	55.9	55.9	47.3	Lw	93+85		0.0	0.0	-8.6	960.00	0.00	60.00	0.0	500	(keine)
GE-Süd, REWE-Fläche		!01!	101.0	101.0	86.0	62.8	62.8	47.8	Lw	101		0.0	0.0	-15.0	960.00	0.00	60.00	0.0	500	(keine)

Beurteilungspegel

derzeitige Vorbelastung ohne Panzerteststrecke (ohne Flächenquelle „Panzerteststrecke & Parken):

Bezeichnung	M.	ID	Pegel Lr				Richtwert				Nutzungsart			Höhe	Koordinaten			
			Tag+Rz	Nacht	Tag	Abend	Tag+Rz	Nacht	Tag	Abend	Gebiet	Auto	Lärmart		X	Y	Z	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(m)	(m)	(m)	(m)	
IO 1 Mayr 3		IO	53.3	37.3	52.6	49.6	55.0	40.0	0.0	0.0	WA		Industrie	5.30	r	4460567.37	5340222.98	507.71
IO 1a Peter-Müller 4	+	IO	52.4	36.3	51.3	49.4	55.0	40.0	0.0	0.0	WA		Industrie	5.30	r	4460394.46	5340191.41	508.51
IO 2 G-Reis 19		IO	55.5	40.0	55.6	49.1	55.0	40.0	0.0	0.0	WA		Industrie	5.30	r	4460321.82	5339619.17	511.38
IO 2a G-Reis 31c	+	IO	52.9	37.0	51.7	50.1	55.0	40.0	0.0	0.0	WA		Industrie	5.30	r	4460197.57	5339800.24	510.54
IO 3 Tubeuf 18		IO	64.4	49.4	64.4	64.4	60.0	45.0	0.0	0.0	MI		Industrie	5.30	r	4461057.20	5339372.46	510.83
IO 4 Storch 22		IO	56.1	40.7	54.4	54.0	50.0	35.0	0.0	0.0	WR		Industrie	2.80	r	4461566.41	5339727.04	505.54
IO 5 Ludw 49		IO	58.5	43.5	59.2	51.4	60.0	45.0	0.0	0.0	MI		Industrie	5.30	r	4461150.43	5340119.67	507.68
IO 6 Reinhard 20a	+	IO	65.8	50.8	65.8	65.7	0.0	0.0	0.0	0.0			Industrie	4.50	r	4461169.63	5339689.58	508.25
IO 7 Tubeuf 19b	+	IO	64.9	49.9	64.9	64.8	0.0	0.0	0.0	0.0			Industrie	14.70	r	4461166.96	5339571.71	519.38
IO 8 Docen 3	+	IO	55.4	40.9	55.6	54.5	60.0	45.0	0.0	0.0	MI		Industrie	5.30	r	4461412.53	5339880.64	507.24

Teilpegel Tag der Quellen an den Immissionspunkten (inklusive Ersatz-Flächenquelle „Panzerteststrecke & Parken“ bzw. Regelbetrieb = Leopard 1 mit zugehörigen Quellen) (alle Varianten in einer Tabelle)

Quelle			Teilpegel V08 Tag+Rz									
Bezeichnung	M.	ID	IO 1 Mayr 3	IO 1a Peter-Müller 4	IO 2 G-Reis 19	IO 2a G-Reis 31c	IO 3 Tubeuf 18	IO 4 Storch 22	IO 5 Ludw 49	IO 6 Reinhard 20a	IO 7 Tubeuf 19b	IO 8 Docen 3
Bestand KMW	+	!04!	48.6	47.8	46.5	48.9	46.7	43.5	46.5	50.3	49.6	44.1
Panzerteststrecke & Parken	+	!04!	52.4	50.5	45.5	48.2	51.7	49.4	53.5	63.5	57.5	52.8
Panzerteststrecke im Regelbetrieb (ohne Parken Pkw)		N	52.0	50.1	44.7	46.9	42.4	48.4	53.5	57.0	54.2	51.7
Gl östlich Storchweg		!01!	38.8	37.5	35.1	36.4	41.6	54.1	42.7	43.9	44.1	48.3
Gl Junkergelände		!01!	37.8	42.7	33.2	37.8	25.4	23.1	25.1	24.6	26.0	23.2
VE Recycling		!01!	34.9	37.2	22.2	31.2	21.6	22.3	25.1	22.8	22.3	22.0
Lok-Lackierhalle		!01!	34.2	34.2	41.8	37.4	43.1	33.2	33.9	38.1	39.9	33.9
Krauss-Maffei-Group		!01!	47.4	46.8	48.9	48.5	64.3	50.4	48.8	65.6	64.6	52.8
GE 1		!02!	44.2	42.1	31.5	38.1	30.8	27.4	33.2	32.2	31.9	29.5
GE 2		!02!	43.9	37.8	29.1	31.9	29.3	27.7	36.6	32.6	31.7	30.6
GE 3		!02!	42.1	39.7	32.8	36.8	40.3	42.1	57.3	47.0	44.8	47.3
DB Schenker Rail		!01!	29.6	27.4	24.6	24.5	27.7	32.8	42.7	32.2	31.2	37.4
GE-Süd, ALDI-Fläche		!01!	25.0	25.7	37.0	29.2	26.4	19.9	22.7	24.5	25.4	21.7
GE-Süd, dm-Fläche		!01!	27.0	26.8	34.7	39.1	26.1	21.5	26.6	27.7	27.3	23.9
GE-Süd, Werkstatt-Fläche		!01!	18.1	20.0	41.0	23.1	13.2	8.4	12.6	10.5	14.8	8.8
GE-Süd, LIDL-Fläche		!01!	23.5	25.1	32.0	36.5	18.9	14.1	16.7	17.8	19.7	13.9
GE-Süd, REWE-Fläche		!01!	28.5	29.7	52.7	37.3	26.4	20.6	24.6	26.7	27.3	21.8

Anhang C

Detaillierte Berechnungsprotokolle

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Immissionspunkt
 Bez.: IO 1 Mayr 3
 ID: IO
 X: 4460567.37 m
 Y: 5340222.98 m
 Z: 507.71 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZeit dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
1	4461045.12	5339871.74	504.49	0	D	A	90.2	19.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	3.3	1.8	0.0	36.0
120	4460984.68	5339897.04	504.47	0	D	A	90.2	15.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.8	1.8	0.0	33.0
121	4460932.67	5339918.80	504.45	0	D	A	90.2	18.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	3.4	1.7	0.0	37.2
122	4460838.28	5339958.30	504.41	0	D	A	90.2	21.2	0.9	3.0	0.0	62.6	1.1	4.6	0.0	0.0	1.5	1.7	0.0	43.9
123	4460756.43	5339992.56	504.37	0	D	A	90.2	16.7	0.9	3.0	0.0	60.5	1.0	4.5	0.0	0.0	3.4	1.6	0.0	40.0
135	4460879.64	5339941.00	504.42	3	D	A	90.2	-6.6	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-118.3
136	4460879.49	5339941.06	504.42	3	D	A	90.2	-9.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-120.8
138	4460876.88	5339942.15	504.42	3	D	A	90.2	7.4	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-104.2
139	4460873.59	5339943.53	504.42	3	D	A	90.2	2.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-109.6
140	4460872.55	5339943.96	504.42	3	D	A	90.2	-1.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-113.3
142	4460872.03	5339944.18	504.42	3	D	A	90.2	-3.4	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-115.1
144	4460880.06	5339940.82	504.42	3	D	A	90.2	-0.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.3	1.8	17.3	-112.4
229	4460781.76	5339981.96	504.38	2	D	A	90.2	10.4	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	12.4	1.8	24.3	-7.3
230	4460774.22	5339985.11	504.38	2	D	A	90.2	7.3	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	12.3	1.8	24.3	-10.4
233	4460770.07	5339986.85	504.38	2	D	A	90.2	5.6	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	12.4	1.8	24.3	-12.2
234	4460768.11	5339987.67	504.38	2	D	A	90.2	-1.8	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	12.4	1.8	24.3	-19.6
235	4460751.32	5339994.70	504.37	2	D	A	90.2	15.5	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	12.4	1.8	24.4	-2.4
236	4460841.88	5339956.80	504.41	3	D	A	90.2	11.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	13.1	1.9	48.9	-34.8
239	4460830.82	5339961.43	504.40	3	D	A	90.2	10.1	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	13.1	1.9	48.6	-35.6
245	4460822.95	5339964.72	504.40	3	D	A	90.2	8.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	13.1	1.9	48.4	-37.2
252	4460819.29	5339966.25	504.40	3	D	A	90.2	0.9	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	13.2	1.9	26.2	-22.4
254	4460802.54	5339973.26	504.39	3	D	A	90.2	15.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.2	1.8	26.1	-7.6
261	4460747.38	5339996.35	504.37	3	D	A	90.2	-4.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.4	1.8	45.9	-46.3
262	4460746.90	5339996.55	504.37	3	D	A	90.2	-2.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.4	1.8	45.9	-44.3
263	4460740.72	5339999.14	504.36	3	D	A	90.2	11.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.4	1.8	45.8	-31.1
299	4460782.62	5339981.60	504.38	1	D	A	90.2	14.0	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	13.7	1.7	32.9	-9.8
302	4460767.01	5339988.13	504.37	1	D	A	90.2	9.5	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.8	1.7	32.5	-13.5
303	4460757.73	5339992.02	504.37	1	D	A	90.2	10.5	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	13.8	1.7	32.2	-12.1
306	4460872.70	5339943.90	504.42	2	D	A	90.2	8.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	13.2	1.8	41.0	-27.5
307	4460868.31	5339945.74	504.42	2	D	A	90.2	5.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	13.2	1.8	41.1	-30.4
310	4460861.13	5339948.74	504.41	2	D	A	90.2	10.9	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	13.2	1.8	41.2	-24.7
312	4460855.12	5339951.26	504.41	2	D	A	90.2	-1.6	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	13.1	1.8	41.3	-37.3
314	4460853.75	5339951.83	504.41	2	D	A	90.2	3.6	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	13.0	1.8	41.4	-32.2
316	4460850.15	5339953.34	504.41	2	D	A	90.2	7.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	13.2	1.8	41.2	-28.4
318	4460842.45	5339956.56	504.41	2	D	A	90.2	10.5	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	13.3	1.8	41.3	-25.5
320	4460844.61	5339955.66	504.41	2	D	A	90.2	10.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	12.6	1.8	40.4	-23.2
321	4460839.32	5339957.87	504.41	2	D	A	90.2	-1.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	12.6	1.8	40.5	-34.7
323	4460835.32	5339959.55	504.40	2	D	A	90.2	9.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	12.6	1.8	40.5	-24.7
325	4460830.51	5339961.56	504.40	2	D	A	90.2	4.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	12.6	1.8	40.6	-29.7
327	4460825.72	5339963.56	504.40	2	D	A	90.2	9.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	12.5	1.8	40.7	-24.9
328	4460857.21	5339950.38	504.41	2	D	A	90.2	0.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	12.6	1.8	40.2	-32.6
330	4460887.28	5339937.80	504.43	2	D	A	90.2	5.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.7	1.8	43.1	-33.4
331	4460884.47	5339938.97	504.42	2	D	A	90.2	3.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	13.6	1.8	43.2	-35.5
333	4460881.98	5339940.02	504.42	2	D	A	90.2	4.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	13.6	1.8	43.2	-34.4
335	4460877.60	5339941.85	504.42	2	D	A	90.2	8.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	13.6	1.8	43.3	-31.2
337	4460868.89	5339945.50	504.42	2	D	A	90.2	11.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	13.5	1.8	43.5	-28.5
340	4460902.59	5339931.39	504.43	2	D	A	90.2	8.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	14.7	1.8	41.9	-30.5
342	4460898.21	5339933.23	504.43	2	D	A	90.2	3.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	14.5	1.8	42.1	-35.1
344	4460896.55	5339933.92	504.43	2	D	A	90.2	0.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.8	1.8	42.9	-38.5
345	4460892.77	5339935.50	504.43	2	D	A	90.2	8.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.7	1.8	43.0	-30.6
363	4461080.54	5339856.92	504.51	1	D	A	90.2	11.9	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	12.9	1.8	14.7	2.1
364	4461072.61	5339860.24	504.50	1	D	A	90.2	2.4	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	12.9	1.8	14.7	-7.2
370	4461080.49	5339856.94	504.51	1	D	A	90.2	10.7	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	12.9	1.8	23.4	-7.7
372	4461069.51	5339861.53	504.50	1	D	A	90.2	10.8	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	12.9	1.8	23.3	-7.4
373	4461041.21	5339873.38	504.49	1	D	A	90.2	16.9	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	13.0	1.8	23.0	-0.6
471	4460941.91	5339914.94	504.45	1	D	A	90.2	4.4	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.1	1.8	14.4	10.8
473	4460939.28	5339916.04	504.45	1	D	A	90.2	4.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.1	1.8	14.4	11.0

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
507	4460947.21	5339912.72	504.45	1	D	A	90.2	-4.6	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	2.0	1.8	10.0	2.9
550	4460956.24	5339908.94	504.46	3	D	A	90.2	8.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	1.0	1.8	10.5	16.0
552	4460951.42	5339910.95	504.45	3	D	A	90.2	5.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	0.9	1.8	10.4	13.0
556	4460949.01	5339911.96	504.45	3	D	A	90.2	2.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	0.9	1.8	10.3	10.4
557	4460948.03	5339912.37	504.45	3	D	A	90.2	-5.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.4	1.8	12.4	-1.2
560	4460947.58	5339912.56	504.45	3	D	A	90.2	-1.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.5	1.8	12.5	2.4
561	4460960.74	5339907.06	504.46	3	D	A	90.2	4.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	1.1	1.8	10.6	11.7
563	4460957.84	5339908.27	504.46	1	D	A	90.2	8.8	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	2.3	1.8	6.7	19.3
564	4460951.96	5339910.73	504.45	1	D	A	90.2	7.2	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	2.2	1.8	10.2	14.3
568	4460948.45	5339912.20	504.45	1	D	A	90.2	3.8	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	2.1	1.8	10.0	11.2
574	4461003.80	5339889.04	504.48	1	D	A	90.2	5.6	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	0.5	1.8	4.7	20.0
576	4460995.29	5339892.60	504.47	1	D	A	90.2	11.7	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	0.1	1.8	4.3	26.8
578	4460972.51	5339902.13	504.46	1	D	A	90.2	5.6	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	1.9	1.8	6.3	17.0
580	4460967.61	5339904.18	504.46	1	D	A	90.2	8.4	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	2.3	1.8	6.7	19.0
585	4460962.85	5339906.17	504.46	1	D	A	90.2	5.2	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	2.5	1.8	6.9	15.4
588	4460988.34	5339895.51	504.47	1	D	A	90.2	-5.0	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	0.1	1.8	4.3	10.1
592	4460985.20	5339896.82	504.47	1	D	A	90.2	8.1	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	0.1	1.8	4.3	23.2
596	4460981.34	5339898.43	504.47	1	D	A	90.2	2.8	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	0.4	1.8	4.7	17.2
603	4460977.35	5339900.11	504.46	1	D	A	90.2	8.3	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	1.4	1.8	5.8	20.6
610	4460931.95	5339919.11	504.44	1	D	A	90.2	9.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.2	1.8	8.0	19.3
614	4460924.87	5339922.07	504.44	1	D	A	90.2	7.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.1	1.8	4.2	24.4
617	4460917.91	5339924.98	504.44	1	D	A	90.2	9.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.1	1.8	4.2	25.9
620	4460911.38	5339927.71	504.44	1	D	A	90.2	7.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	6.4	1.8	11.3	10.2
621	4460905.25	5339930.28	504.43	1	D	A	90.2	9.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	6.4	1.8	11.3	12.1
622	4460896.33	5339934.01	504.43	1	D	A	90.2	10.5	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.5	1.8	4.6	26.2
623	4460889.56	5339936.85	504.43	1	D	A	90.2	5.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.4	1.8	4.5	21.1
624	4460883.44	5339939.40	504.42	1	D	A	90.2	9.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.4	1.8	6.4	21.8
625	4460878.24	5339941.58	504.42	1	D	A	90.2	1.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.9	1.8	6.2	14.1
626	4460868.70	5339945.57	504.42	1	D	A	90.2	12.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.2	1.8	9.7	21.6
627	4460859.60	5339949.38	504.41	1	D	A	90.2	-3.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.8	1.8	7.9	8.8
628	4460853.36	5339951.99	504.41	1	D	A	90.2	11.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	2.6	1.8	10.3	18.9
630	4460841.21	5339957.08	504.41	1	D	A	90.2	11.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	2.1	1.8	9.7	19.9
632	4460863.65	5339947.69	504.42	3	D	A	90.2	10.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	1.8	1.8	21.0	7.5
638	4460858.45	5339949.87	504.41	3	D	A	90.2	-0.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.4	1.8	17.6	1.5
639	4460895.78	5339934.24	504.43	3	D	A	90.2	10.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	16.9	13.3
640	4460890.34	5339936.52	504.43	3	D	A	90.2	1.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.1	1.8	16.7	5.2
641	4460888.15	5339937.43	504.43	3	D	A	90.2	5.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.3	1.8	17.5	7.6
644	4460811.98	5339969.31	504.39	1	D	A	90.2	1.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.8	1.8	7.9	14.1
645	4460810.92	5339969.76	504.39	1	D	A	90.2	-0.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.7	13.7
646	4460809.29	5339970.44	504.39	1	D	A	90.2	4.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.7	18.6
647	4460800.74	5339974.02	504.39	1	D	A	90.2	12.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.1	1.8	6.7	26.3
648	4460895.83	5339934.22	504.43	2	D	A	90.2	14.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	3.5	1.8	24.6	2.9
649	4460932.19	5339919.01	504.44	3	D	A	90.2	9.3	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.1	1.9	19.3	5.6
650	4460958.69	5339907.91	504.46	3	D	A	90.2	8.1	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	19.9	2.9
651	4460952.72	5339910.41	504.45	3	D	A	90.2	8.1	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.3	1.9	21.0	1.6
652	4460965.63	5339905.01	504.46	3	D	A	90.2	4.7	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	19.9	-0.4
653	4460962.99	5339906.12	504.46	3	D	A	90.2	4.4	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	19.9	-0.8
654	4460925.28	5339921.90	504.44	3	D	A	90.2	7.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	19.3	4.0
657	4460831.74	5339961.04	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.8	1.8	9.2	18.1
658	4460827.21	5339962.94	504.40	1	D	A	90.2	3.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	2.0	1.8	9.5	12.9
659	4460825.04	5339963.85	504.40	1	D	A	90.2	3.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.9	1.8	9.4	12.6
660	4460823.71	5339964.40	504.40	1	D	A	90.2	-1.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.9	1.8	9.4	7.2
661	4460818.69	5339966.51	504.40	1	D	A	90.2	10.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	1.8	1.8	9.2	19.5
663	4460763.75	5339989.50	504.37	1	D	A	90.2	17.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.1	1.8	14.8	22.7
665	4460736.00	5340001.11	504.36	1	D	A	90.2	4.1	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	0.1	1.8	14.9	8.8
667	4460866.00	5339946.71	504.42	2	D	A	90.2	4.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	4.1	1.8	25.5	-8.7
669	4460864.39	5339947.38	504.42	2	D	A	90.2	-1.2	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	4.0	1.8	25.4	-14.0
673	4460908.33	5339928.99	504.43	3	D	A	90.2	-1.0	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	43.8	-29.8
674	4460907.14	5339929.49	504.43	3	D	A	90.2	2.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	8.4	1.9	55.7	-46.5
675	4460820.81	5339965.62	504.40	2	D	A	90.2	18.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	4.4	1.8	25.5	5.4
676	4460895.71	5339934.27	504.43	3	D	A	90.2	3.4	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	7.7	1.9	57.0	-46.5
677	4460891.29	5339936.12	504.43	3	D	A	90.2	8.7	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	44.5	-21.0
678	4460882.25	5339939.90	504.42	3	D	A	90.2	10.9	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.6	1.9	47.9	-22.9
679	4460867.68	5339946.00	504.42	3	D	A	90.2	12.9	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	2.1			

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
686	4460836.32	5339959.13	504.40	3	D	A	90.2	11.0	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	43.6	-17.6
688	4460855.12	5339951.26	504.41	3	D	A	90.2	10.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	43.3	-17.4
689	4460867.44	5339946.10	504.42	3	D	A	90.2	11.7	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	43.2	-16.3
690	4460876.31	5339942.39	504.42	3	D	A	90.2	2.8	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	3.7	1.9	58.1	-45.2
691	4460874.86	5339943.00	504.42	3	D	A	90.2	1.0	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	3.6	1.9	58.0	-46.8
692	4460867.72	5339945.99	504.42	3	D	A	90.2	11.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	3.3	1.9	57.7	-35.7
693	4460896.40	5339933.98	504.43	3	D	A	90.2	7.3	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	8.0	1.9	59.5	-46.2
695	4460889.83	5339936.73	504.43	3	D	A	90.2	9.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	4.4	1.9	58.7	-39.7
696	4460882.49	5339939.80	504.42	3	D	A	90.2	8.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	4.0	1.9	58.4	-40.0
698	4460878.47	5339941.48	504.42	3	D	A	90.2	2.3	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	3.8	1.9	58.2	-45.9
700	4460854.83	5339951.38	504.41	1	D	A	90.2	3.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	6.6	18.1
701	4460846.82	5339954.73	504.41	1	D	A	90.2	11.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	6.6	26.5
703	4460828.98	5339962.20	504.40	1	D	A	90.2	13.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	6.6	28.3
704	4460815.03	5339968.04	504.40	1	D	A	90.2	8.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	6.7	22.8
706	4460735.11	5340001.48	504.36	2	D	A	90.2	-2.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	12.3	-97.2
707	4460897.01	5339933.73	504.43	1	D	A	90.2	4.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	27.8	-2.1
709	4460965.16	5339905.20	504.46	1	D	A	90.2	9.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.1	1.8	29.1	1.4
711	4460870.45	5339944.84	504.42	1	D	A	90.2	6.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	21.5
713	4460865.66	5339946.85	504.42	1	D	A	90.2	7.5	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	22.3
714	4460862.81	5339948.04	504.42	1	D	A	90.2	-2.9	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	11.9
716	4460878.56	5339941.45	504.42	1	D	A	90.2	11.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	26.0
718	4460891.84	5339935.89	504.43	1	D	A	90.2	11.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	4.2	1.8	8.2	18.4
721	4460884.90	5339938.79	504.42	1	D	A	90.2	-0.3	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	3.8	1.8	7.9	7.2
724	4460875.43	5339942.76	504.42	1	D	A	90.2	12.9	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	3.4	1.8	7.5	21.2
726	4460866.23	5339946.61	504.42	1	D	A	90.2	-4.9	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	3.0	1.8	7.2	4.1
727	4460862.23	5339948.28	504.42	1	D	A	90.2	9.2	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	2.8	1.8	7.0	18.5
729	4460857.37	5339950.32	504.41	1	D	A	90.2	3.4	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	2.6	1.8	6.8	13.1
731	4460856.07	5339950.86	504.41	1	D	A	90.2	-2.1	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.5	1.8	6.8	7.7
732	4460855.27	5339951.19	504.41	1	D	A	90.2	0.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.5	1.8	6.7	10.4
733	4460854.10	5339951.69	504.41	1	D	A	90.2	1.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.4	1.8	6.7	11.5
735	4460853.10	5339952.10	504.41	1	D	A	90.2	-1.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.6	1.8	10.6	4.5
736	4460846.01	5339955.07	504.41	1	D	A	90.2	11.7	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	3.0	1.8	11.1	16.6
739	4460838.18	5339958.35	504.41	1	D	A	90.2	3.7	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.8	1.8	10.8	9.2
740	4460864.10	5339947.50	504.42	3	D	A	90.2	-1.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.0	1.8	13.1	1.4
741	4460862.48	5339948.18	504.42	3	D	A	90.2	4.4	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.9	1.8	13.1	7.0
742	4460860.93	5339948.82	504.41	3	D	A	90.2	-2.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.8	1.8	13.0	0.7
743	4460857.89	5339950.10	504.41	3	D	A	90.2	7.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.7	1.8	12.9	10.8
744	4460854.13	5339951.67	504.41	3	D	A	90.2	3.3	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.6	1.8	12.7	6.6
745	4460852.84	5339952.21	504.41	3	D	A	90.2	-1.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.5	1.8	12.7	1.5
746	4460851.06	5339952.96	504.41	3	D	A	90.2	5.0	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.5	1.8	12.6	8.5
750	4460917.33	5339925.22	504.44	1	D	A	90.2	4.9	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	5.9	1.8	9.3	9.1
751	4460915.14	5339926.14	504.44	1	D	A	90.2	2.1	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	5.7	1.8	9.2	6.6
752	4460913.15	5339926.97	504.44	1	D	A	90.2	4.3	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	5.5	1.8	9.1	9.0
753	4460905.66	5339930.11	504.43	1	D	A	90.2	11.3	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	8.6	1.8	10.3	11.7
754	4460899.13	5339932.84	504.43	1	D	A	90.2	-2.3	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	4.6	1.8	8.5	3.9
759	4460755.55	5339992.93	504.37	2	D	A	90.2	8.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.8	1.8	42.9	-18.8
760	4460752.06	5339994.39	504.37	2	D	A	90.2	0.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.8	1.8	42.8	-26.5
761	4460751.32	5339994.70	504.37	2	D	A	90.2	-2.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.9	1.8	43.7	-30.4
762	4460791.03	5339978.08	504.39	3	D	A	90.2	1.6	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	36.8	-120.3
763	4460789.23	5339978.83	504.38	3	D	A	90.2	3.9	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	36.9	-118.1
764	4460787.56	5339979.53	504.38	3	D	A	90.2	0.7	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	37.0	-121.4
766	4460786.76	5339979.87	504.38	3	D	A	90.2	-2.4	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	37.0	-124.5
768	4460792.81	5339977.33	504.39	3	D	A	90.2	2.7	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	35.9	-118.2
773	4460756.02	5339992.73	504.37	2	D	A	90.2	-3.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	4.0	1.8	46.4	-35.6
774	4460755.41	5339992.99	504.37	2	D	A	90.2	-0.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.8	1.8	43.6	-28.5
775	4460754.62	5339993.32	504.37	2	D	A	90.2	-0.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.9	1.8	45.4	-30.1
776	4460747.82	5339996.16	504.37	2	D	A	90.2	11.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	2.0	1.8	46.3	-19.1
777	4460792.03	5339977.66	504.39	3	D	A	90.2	1.9	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	44.1	-27.4
779	4460785.16	5339980.54	504.38	3	D	A	90.2	11.3	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	0.1	1.9	44.2	-18.2
783	4460793.74	5339976.94	504.39	3	D	A	90.2	-2.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	43.9	-31.7
784	4460793.25	5339977.15	504.39	3	D	A	90.2	-2.6	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	43.9	-31.6
820	4460886.25	5339920.26	504.36	0	D	A	90.2	20.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	0.0	43.0
823	4460976.63	5339982.20	504.37	0	D	A	90.2	19.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.0	1.8	0.0	39.0
829	4461019.96	5339983.97	504.38	0	D	A	90.2	10.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0					

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
849	4460873.26	5339925.72	504.35	3	D	A	90.2	-9.3	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	12.4	1.8	15.3	-118.7
850	4460873.41	5339925.66	504.35	3	D	A	90.2	-6.7	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	12.4	1.8	15.3	-116.2
851	4460873.84	5339925.48	504.35	3	D	A	90.2	-0.8	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	12.4	1.8	15.3	-110.3
866	4460841.60	5339939.05	504.35	2	D	A	90.2	10.4	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	13.5	1.8	40.5	-24.8
867	4460849.10	5339935.90	504.35	2	D	A	90.2	7.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.5	1.8	40.5	-27.7
868	4460852.60	5339934.42	504.35	2	D	A	90.2	3.5	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.2	1.8	40.8	-31.5
869	4460853.93	5339933.86	504.35	2	D	A	90.2	-1.7	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.4	1.8	40.5	-36.6
870	4460859.78	5339931.40	504.35	2	D	A	90.2	10.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	13.5	1.8	40.4	-24.0
871	4460866.76	5339928.46	504.35	2	D	A	90.2	5.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	13.5	1.8	40.3	-29.8
872	4460871.03	5339926.66	504.35	2	D	A	90.2	7.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	13.6	1.8	40.2	-26.8
873	4460836.04	5339941.39	504.35	2	D	A	90.2	5.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.6	1.8	39.9	-27.1
874	4460842.90	5339938.51	504.35	2	D	A	90.2	10.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.6	1.8	39.8	-22.2
876	4460855.46	5339933.22	504.35	2	D	A	90.2	0.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.7	1.8	39.6	-31.9
877	4460868.02	5339927.93	504.35	2	D	A	90.2	10.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	13.9	1.8	42.5	-27.8
878	4460876.52	5339924.35	504.35	2	D	A	90.2	8.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.0	1.8	42.3	-30.5
880	4460880.79	5339922.55	504.36	2	D	A	90.2	4.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.0	1.8	42.3	-33.7
881	4460883.23	5339921.53	504.36	2	D	A	90.2	3.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	14.0	1.8	42.2	-34.8
882	4460885.97	5339920.38	504.36	2	D	A	90.2	5.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	14.1	1.8	42.1	-32.7
883	4460891.35	5339918.11	504.36	2	D	A	90.2	8.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	14.2	1.8	42.0	-29.9
884	4460895.04	5339916.56	504.36	2	D	A	90.2	0.5	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	14.3	1.8	41.9	-37.8
885	4460896.66	5339915.87	504.36	2	D	A	90.2	3.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	16.2	1.8	39.9	-34.4
886	4460900.93	5339914.07	504.36	2	D	A	90.2	8.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	16.6	1.8	39.4	-29.8
909	4460839.70	5339939.85	504.35	1	D	A	90.2	10.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.5	1.8	11.4	16.6
910	4460850.90	5339935.14	504.35	1	D	A	90.2	11.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.1	1.8	8.1	19.8
911	4460856.94	5339932.60	504.35	1	D	A	90.2	-3.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.4	1.8	5.6	10.7
912	4460865.75	5339928.88	504.35	1	D	A	90.2	12.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.9	1.8	7.8	22.0
913	4460874.99	5339925.00	504.35	1	D	A	90.2	1.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.7	1.8	8.5	10.2
914	4460880.02	5339922.88	504.36	1	D	A	90.2	9.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	4.6	1.8	8.5	17.7
915	4460885.94	5339920.39	504.36	1	D	A	90.2	5.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.9	1.8	5.0	20.3
916	4460892.50	5339917.62	504.36	1	D	A	90.2	10.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.1	1.8	5.2	25.2
918	4460901.13	5339913.99	504.36	1	D	A	90.2	8.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	10.8	1.8	12.4	6.8
919	4460907.06	5339911.49	504.36	1	D	A	90.2	7.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	10.9	1.8	8.8	8.5
920	4460913.38	5339908.83	504.36	1	D	A	90.2	9.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.1	1.8	2.9	27.4
921	4460920.12	5339906.00	504.36	1	D	A	90.2	7.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.1	1.8	2.9	25.8
922	4460926.97	5339903.11	504.36	1	D	A	90.2	9.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	4.5	1.8	6.5	19.6
923	4460856.08	5339932.96	504.35	3	D	A	90.2	-0.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.7	1.8	9.7	9.3
924	4460861.12	5339930.83	504.35	3	D	A	90.2	10.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.4	1.8	13.3	13.8
925	4460884.97	5339920.79	504.36	3	D	A	90.2	5.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.5	1.8	18.1	6.9
927	4460887.09	5339919.90	504.36	3	D	A	90.2	1.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.1	1.8	16.6	5.5
929	4460892.36	5339917.68	504.36	3	D	A	90.2	10.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.3	1.8	17.1	13.1
930	4460835.72	5339941.53	504.35	1	D	A	90.2	4.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	6.6	19.8
931	4460844.85	5339937.68	504.35	1	D	A	90.2	12.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.3	1.7	6.8	27.0
932	4460869.65	5339927.24	504.35	3	D	A	90.2	-3.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.2	1.8	02.6	-88.1
933	4460859.31	5339931.59	504.35	1	D	A	90.2	-3.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	6.6	12.1
934	4460862.07	5339930.43	504.35	1	D	A	90.2	7.4	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	6.6	22.6
936	4460866.69	5339928.49	504.35	1	D	A	90.2	6.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	6.6	21.8
938	4460874.54	5339925.18	504.35	1	D	A	90.2	11.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	6.6	26.3
940	4460897.05	5339915.71	504.36	1	D	A	90.2	4.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	13.8	12.2
941	4460920.99	5339905.63	504.36	1	D	A	90.2	9.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	14.0	17.0
945	4460942.96	5339896.38	504.36	1	D	A	90.2	-4.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	5.0	1.8	8.8	1.3
946	4460943.72	5339896.06	504.36	3	D	A	90.2	-1.8	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	3.9	1.8	14.0	-0.4
947	4460944.16	5339895.88	504.36	3	D	A	90.2	-5.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	3.8	1.8	13.9	-3.9
948	4460945.11	5339895.48	504.36	3	D	A	90.2	2.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	3.7	1.8	13.8	4.3
949	4460947.46	5339894.49	504.36	3	D	A	90.2	5.2	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	3.4	1.8	13.6	7.5
950	4460952.14	5339892.52	504.37	3	D	A	90.2	8.4	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	1.5	1.8	11.3	14.8
951	4460956.52	5339890.67	504.37	3	D	A	90.2	4.2	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	1.6	1.8	11.5	10.5
952	4460944.17	5339895.87	504.36	1	D	A	90.2	3.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	4.9	1.8	8.7	9.9
953	4460947.58	5339894.44	504.36	1	D	A	90.2	7.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.1	1.8	7.6	16.1
954	4460953.29	5339892.03	504.37	1	D	A	90.2	8.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.4	1.8	7.8	17.2
957	4460931.92	5339901.03	504.36	1	D	A	90.2	2.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.9	1.8	13.5	5.8
959	4460933.97	5339900.17	504.36	1	D	A	90.2	4.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.1	1.8	6.7	18.9
961	4460936.51	5339899.10	504.36	1	D	A	90.2	4.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.1	1.8	6.7	18.7
965	4460989.67	5339876.72	504.37	1	D	A	90.2	11.6	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	0.1	1.8	3.0	28.3
966	4460997.93	5339873.24	504.37	1	D	A	90.2	5.5	0.9	3.0	0.0	66.3	1.5							

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
971	4460976.11	5339882.42	504.37	1	D	A	90.2	2.6	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	0.7	1.8	4.9	16.9
972	4460979.86	5339880.84	504.37	1	D	A	90.2	8.0	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	0.1	1.8	3.0	24.7
973	4460982.91	5339879.56	504.37	1	D	A	90.2	-5.1	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	0.1	1.8	3.0	11.6
974	4460837.04	5339940.97	504.35	1	D	A	90.2	3.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	4.0	1.8	8.0	10.8
975	4460844.65	5339937.77	504.35	1	D	A	90.2	11.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	4.5	1.8	8.3	18.1
978	4460851.55	5339934.86	504.35	1	D	A	90.2	-1.5	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.8	1.8	7.8	6.3
979	4460852.52	5339934.45	504.35	1	D	A	90.2	1.4	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.6	1.8	7.8	9.5
980	4460853.66	5339933.97	504.35	1	D	A	90.2	0.3	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.6	1.8	7.8	8.3
981	4460854.44	5339933.65	504.35	1	D	A	90.2	-2.2	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.7	1.8	7.8	5.6
982	4460855.70	5339933.12	504.35	1	D	A	90.2	3.3	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.8	1.8	7.9	11.0
983	4460860.43	5339931.13	504.35	1	D	A	90.2	9.1	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	4.1	1.8	8.1	16.3
984	4460864.32	5339929.49	504.35	1	D	A	90.2	-5.0	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	5.4	1.8	8.9	0.1
985	4460873.25	5339925.73	504.35	1	D	A	90.2	12.8	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	6.1	1.8	9.3	16.9
986	4460882.47	5339921.85	504.36	1	D	A	90.2	-0.4	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	5.5	1.8	9.1	4.5
987	4460889.21	5339919.01	504.36	1	D	A	90.2	11.4	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	6.0	1.8	9.3	15.6
988	4460849.89	5339935.56	504.35	3	D	A	90.2	4.9	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	4.2	1.8	14.3	5.2
989	4460851.62	5339934.83	504.35	3	D	A	90.2	-1.9	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	3.7	1.8	13.9	-0.7
990	4460852.88	5339934.30	504.35	3	D	A	90.2	3.2	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	3.8	1.8	14.0	4.3
991	4460856.54	5339932.76	504.35	3	D	A	90.2	7.7	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	4.0	1.8	14.2	8.4
992	4460859.50	5339931.52	504.35	3	D	A	90.2	-2.2	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	4.1	1.8	14.3	-1.8
993	4460861.01	5339930.88	504.35	3	D	A	90.2	4.3	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	5.2	1.8	15.1	2.8
995	4460862.58	5339930.22	504.35	3	D	A	90.2	-1.3	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	5.3	1.8	15.2	-2.9
998	4460896.32	5339916.02	504.36	1	D	A	90.2	-2.4	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	6.6	1.8	9.6	0.9
999	4460902.67	5339913.34	504.36	1	D	A	90.2	11.2	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	14.0	1.8	10.2	6.6
1001	4460909.95	5339910.28	504.36	1	D	A	90.2	4.2	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	8.0	1.8	10.2	5.5
1002	4460911.88	5339909.47	504.36	1	D	A	90.2	2.0	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	8.3	1.8	10.3	3.1
1003	4460914.00	5339908.57	504.36	1	D	A	90.2	4.8	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	8.6	1.8	10.3	5.5
1009	4460738.22	5339920.53	504.38	0	D	A	90.2	11.8	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	1.2	1.6	0.0	35.7
1011	4460745.49	5339923.17	504.38	0	D	A	90.2	-4.5	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	0.3	1.6	0.0	20.3
1013	4460755.55	5339926.83	504.38	0	D	A	90.2	13.2	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	0.3	1.6	0.0	38.0
1015	4460779.26	5339935.45	504.37	0	D	A	90.2	14.7	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.4	1.6	0.0	39.2
1044	4460733.13	5339918.68	504.38	1	D	A	90.2	6.4	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-4.1
1046	4460735.35	5339919.48	504.38	1	D	A	90.2	-4.1	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-14.6
1047	4460736.53	5339919.92	504.38	1	D	A	90.2	3.3	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-7.2
1048	4460739.06	5339920.83	504.38	1	D	A	90.2	5.1	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	13.2	1.7	20.7	-5.4
1049	4460746.91	5339923.69	504.38	1	D	A	90.2	11.3	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	13.1	1.7	20.7	0.7
1050	4460734.72	5339919.26	504.38	2	D	A	90.2	8.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-7.3
1051	4460754.04	5339926.28	504.38	2	D	A	90.2	15.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.6	1.8	23.6	-1.0
1053	4460770.02	5339932.09	504.37	2	D	A	90.2	-2.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.6	1.8	23.7	-18.8
1054	4460771.77	5339932.73	504.37	2	D	A	90.2	5.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.6	1.8	23.7	-11.4
1055	4460775.50	5339934.09	504.37	2	D	A	90.2	6.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.5	1.8	23.7	-9.7
1057	4460782.38	5339936.59	504.37	2	D	A	90.2	9.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.5	1.8	23.8	-6.6
1058	4460755.92	5339926.96	504.38	3	D	A	90.2	5.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.5	1.8	04.0	-91.6
1059	4460749.49	5339924.63	504.38	3	D	A	90.2	-7.2	0.9	3.0	0.0	73.0	2.6	4.7	0.0	0.0	11.9	1.9	81.4	-188.6
1060	4460749.65	5339924.68	504.38	3	D	A	90.2	-8.6	0.9	3.0	0.0	73.0	2.6	4.7	0.0	0.0	11.9	1.9	81.4	-190.0
1061	4460731.35	5339918.03	504.39	2	D	A	90.2	-2.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-19.1
1062	4460789.74	5339939.27	504.37	1	D	A	90.2	8.5	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.1	1.7	34.8	-17.3
1083	4460736.64	5339919.96	504.38	1	D	A	90.2	10.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	6.7	25.1
1084	4460765.69	5339930.52	504.37	1	D	A	90.2	17.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.1	1.8	6.7	31.2
1085	4460751.93	5339925.51	504.38	2	D	A	90.2	-9.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.1	1.8	30.1	-18.8
1086	4460752.23	5339925.62	504.38	2	D	A	90.2	-2.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.1	1.8	30.1	-12.0
1087	4460753.99	5339926.26	504.38	2	D	A	90.2	5.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.1	1.8	30.1	-4.2
1088	4460742.49	5339922.08	504.38	2	D	A	90.2	6.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.1	1.8	87.8	-60.5
1089	4460792.16	5339940.15	504.36	1	D	A	90.2	2.9	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	4.2	20.4
1095	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	59.2	0.8	4.4	0.0	0.0	7.6	1.5	0.0	29.4
1105	4460682.46	5339994.77	504.35	1	D	A	90.2	8.8	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	14.7	1.6	18.3	1.6
1106	4460685.04	5339997.16	504.36	3	D	A	90.2	-2.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.4	1.8	46.6	-46.2
1112	4460685.22	5339997.32	504.36	2	D	A	90.2	-12.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	2.3	1.8	44.6	-42.3
1113	4460698.02	5340003.92	504.38	0	D	A	90.2	-2.1	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	4.7	1.5	0.0	21.3
1114	4460697.63	5340003.74	504.38	0	D	A	90.2	-5.9	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	4.8	1.5	0.0	17.5
1115	4460694.49	5340002.33	504.37	0	D	A	90.2	8.2	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	5.6	1.5	0.0	30.9
1121	4460697.97	5340003.90	504.38	1	D	A	90.2	-1.5	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	14.3	1.6	18.8	-8.6
1122	4460696.51	5340003.24	504.37	1	D	A	90.2	4.0	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	14.3	1.6	18.8	-3.2
1124	4460694.62	5340002.39	504.37	1	D	A	90.2	2.2	0.9	3.0	0.0	61								

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
1133	4460692.52	5340001.44	504.37	2	D	A	90.2	3.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	2.5	1.8	48.0	-29.4
1134	4460695.04	5340002.57	504.37	2	D	A	90.2	-3.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	5.0	1.8	48.9	-40.5
1135	4460693.16	5340001.73	504.37	2	D	A	90.2	5.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	4.9	1.8	48.9	-31.0
1142	4460701.96	5340004.89	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	59.2	0.8	4.4	0.0	0.0	4.5	1.5	0.0	32.4
1147	4460701.96	5340004.89	504.37	1	D	A	90.2	8.8	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	14.3	1.6	18.8	1.6
1155	4460701.93	5340004.89	504.37	2	D	A	90.2	-2.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.6	1.8	47.7	-34.9
1156	4460699.97	5340004.43	504.37	2	D	A	90.2	5.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.5	1.8	44.8	-24.3
1161	4460709.45	5340006.00	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	4.4	1.5	0.0	32.5
1181	4460706.95	5340005.84	504.37	1	D	A	90.2	4.2	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	14.3	1.6	18.8	-3.1
1182	4460710.47	5340006.07	504.38	1	D	A	90.2	7.5	0.9	3.0	0.0	60.7	1.0	4.5	0.0	0.0	4.0	1.6	6.8	23.1
1183	4460707.45	5340005.87	504.37	1	D	A	90.2	-3.5	0.9	3.0	0.0	60.7	1.0	4.5	0.0	0.0	7.2	1.6	9.0	6.7
1184	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	59.2	0.9	4.4	0.0	0.0	7.3	1.5	0.0	29.5
1203	4460677.72	5339989.82	504.34	1	D	A	90.2	7.9	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	14.6	1.6	18.5	0.6
1210	4460675.50	5339987.11	504.35	1	D	A	90.2	2.3	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	14.5	1.6	18.6	-5.1
1222	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	7.2	1.5	0.0	29.7
1234	4460688.35	5339999.15	504.37	1	D	A	90.2	8.6	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	14.8	1.6	18.2	1.4
1236	4460688.61	5339999.30	504.37	3	D	A	90.2	8.2	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.4	1.8	46.6	-35.2
1238	4460685.89	5339997.72	504.36	3	D	A	90.2	1.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.4	1.8	46.6	-41.6
1241	4460687.22	5339998.49	504.36	3	D	A	90.2	5.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.4	1.8	47.7	-39.1
1283	4460688.35	5339999.15	504.37	2	D	A	90.2	8.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	2.4	1.8	47.9	-24.2
1304	4460690.18	5340000.22	504.37	2	D	A	90.2	4.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	4.8	1.8	48.9	-31.8
1310	4460688.43	5339999.20	504.37	2	D	A	90.2	0.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	4.8	1.8	48.9	-36.3
1311	4460686.94	5339998.33	504.36	2	D	A	90.2	3.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	4.8	1.8	48.8	-32.7
1320	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	59.7	0.9	4.5	0.0	0.0	5.3	1.5	0.0	31.2
1343	4460668.67	5339973.67	504.39	1	D	A	90.2	-4.5	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	14.3	1.6	18.9	-12.3
1345	4460668.46	5339972.80	504.39	1	D	A	90.2	1.6	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	14.2	1.6	18.9	-6.2
1347	4460667.75	5339969.86	504.39	1	D	A	90.2	6.6	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	14.2	1.6	19.0	-1.3
1348	4460667.02	5339966.82	504.39	1	D	A	90.2	2.1	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	14.1	1.6	19.1	-5.9
1355	4460668.64	5339973.54	504.39	2	D	A	90.2	-2.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	3.2	1.8	48.7	-37.3
1356	4460667.70	5339969.64	504.39	2	D	A	90.2	8.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	2.8	1.8	48.1	-25.5
1357	4460717.32	5340006.03	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	4.4	1.5	0.0	31.6
1358	4460713.70	5340006.24	504.38	0	D	A	90.2	-0.6	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	4.3	1.5	0.0	23.0
1364	4460719.04	5340005.94	504.38	2	D	A	90.2	4.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.7	1.7	88.6	-75.6
1365	4460717.18	5340006.04	504.38	2	D	A	90.2	-1.2	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.7	1.7	88.4	-81.2
1367	4460716.55	5340006.08	504.38	2	D	A	90.2	-2.9	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	13.7	1.7	88.3	-82.9
1382	4460716.89	5340006.06	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	60.6	1.0	4.5	0.0	0.0	4.1	1.6	6.9	24.0
1383	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	59.6	0.9	4.4	0.0	0.0	4.0	1.5	0.0	32.4
1384	4460727.57	5340004.26	504.39	2	D	A	90.2	-3.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.5	1.7	89.6	-84.6
1385	4460727.25	5340004.33	504.39	2	D	A	90.2	-7.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.5	1.7	89.6	-88.6
1386	4460723.83	5340005.10	504.39	2	D	A	90.2	8.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.6	1.7	89.2	-72.5
1398	4460721.50	5340005.63	504.38	1	D	A	90.2	3.1	0.9	3.0	0.0	60.6	1.0	4.5	0.0	0.0	4.4	1.6	7.4	17.8
1399	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	6.8	1.5	0.0	29.7
1413	4460673.66	5339983.95	504.35	1	D	A	90.2	7.5	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	14.5	1.6	18.7	0.0
1414	4460672.01	5339980.80	504.35	1	D	A	90.2	1.6	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	14.4	1.6	18.7	-6.0
1424	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	59.8	0.9	4.4	0.0	0.0	3.7	1.5	0.0	32.6
1428	4460728.55	5340003.93	504.39	2	D	A	90.2	2.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.5	1.7	89.7	-79.4
1433	4460734.38	5340001.77	504.36	3	D	A	90.2	-0.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	13.4	1.8	45.6	-42.1
1443	4460671.59	5339979.96	504.35	0	D	A	90.2	-3.6	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	6.5	1.5	0.0	17.8
1447	4460670.10	5339976.80	504.37	0	D	A	90.2	8.2	0.9	3.0	0.0	59.5	0.9	4.5	0.0	0.0	6.2	1.5	0.0	29.8
1469	4460670.93	5339978.55	504.36	1	D	A	90.2	5.5	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	14.4	1.6	18.8	-2.1
1470	4460669.44	5339975.39	504.38	1	D	A	90.2	5.4	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	14.3	1.6	18.9	-2.4
1476	4460669.04	5339974.55	504.39	2	D	A	90.2	2.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	3.3	1.8	48.8	-33.4
1483	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	59.9	0.9	4.5	0.0	0.0	4.4	1.5	0.0	31.7
1489	4460666.65	5339962.25	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	14.1	1.6	19.2	0.6
1496	4460666.68	5339962.91	504.39	2	D	A	90.2	8.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.2	1.8	47.0	-24.6
1497	4460666.53	5339959.54	504.40	2	D	A	90.2	-3.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.9	1.8	46.5	-34.8
1499	4460666.50	5339958.88	504.40	2	D	A	90.2	-0.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.9	1.8	46.3	-32.5
1502	4460667.01	5339954.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	60.1	0.9	4.5	0.0	0.0	3.4	1.6	0.0	32.4
1509	4460666.52	5339958.13	504.40	1	D	A	90.2	-1.8	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	14.0	1.6	19.3	-10.1
1510	4460667.05	5339954.35	504.39	1	D	A	90.2	8.4	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	13.9	1.6	19.4	-0.0
1529	4460666.55	5339957.94	504.40	2	D	A	90.2	0.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.8	1.8	46.2	-31.1
1535	4460667.08	5339954.15	504.39	2	D	A	90.2	8.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-22.2
1540	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	60.4	0.9	4.5	0.0	0.0	2.8	1.6	0.0	32.6
1557	4460668.51	5339947.39	504.38	1	D	A	9													

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
1586	4460681.28	5339927.12	504.36	0	D	A	90.2	8.4	0.9	3.0	0.0	61.0	1.0	4.5	0.0	0.0	1.9	1.6	0.0	32.4
1603	4460680.68	5339927.69	504.36	1	D	A	90.2	7.2	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	13.5	1.7	20.1	-2.3
1604	4460683.17	5339925.33	504.36	1	D	A	90.2	2.2	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	13.5	1.7	20.1	-7.4
1607	4460682.64	5339925.83	504.36	2	D	A	90.2	4.9	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	12.7	1.8	23.5	-11.5
1609	4460683.08	5339925.42	504.36	1	D	A	90.2	2.8	0.9	3.0	0.0	65.2	1.4	4.7	0.0	0.0	0.1	1.8	6.7	17.1
1610	4460682.97	5339925.51	504.36	1	D	A	90.2	3.4	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	0.6	1.7	27.4	-0.7
1615	4460683.01	5339925.48	504.36	3	D	A	90.2	3.2	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	38.9	-121.0
1616	4460682.86	5339925.62	504.36	3	D	A	90.2	4.0	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	38.9	-120.3
1617	4460678.96	5339929.31	504.36	3	D	A	90.2	-3.2	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.1	1.9	47.1	-36.4
1621	4460696.79	5339917.59	504.33	0	D	A	90.2	5.2	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	1.8	1.6	0.0	29.0
1622	4460700.34	5339916.32	504.36	0	D	A	90.2	6.3	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	1.7	1.6	0.0	30.0
1631	4460696.70	5339917.62	504.33	1	D	A	90.2	5.0	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	13.4	1.7	20.3	-5.1
1632	4460700.25	5339916.35	504.35	1	D	A	90.2	6.5	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	13.4	1.7	20.3	-3.7
1633	4460696.61	5339917.65	504.33	2	D	A	90.2	4.7	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	12.6	1.8	23.5	-11.5
1634	4460699.65	5339916.57	504.35	2	D	A	90.2	5.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.9	1.8	23.2	-10.6
1635	4460702.12	5339915.69	504.37	2	D	A	90.2	-3.4	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-18.4
1640	4460698.67	5339916.92	504.35	1	D	A	90.2	8.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.7	1.8	7.4	21.9
1644	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	60.5	1.0	4.5	0.0	0.0	2.4	1.6	0.0	31.8
1645	4460670.80	5339941.20	504.37	1	D	A	90.2	7.8	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.7	1.7	19.7	-1.2
1655	4460670.80	5339941.20	504.37	2	D	A	90.2	7.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.4	1.8	41.5	-17.8
1657	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	1.6	1.6	0.0	32.6
1682	4460708.02	5339914.73	504.38	1	D	A	90.2	5.6	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	13.4	1.7	20.4	-4.6
1683	4460704.56	5339915.26	504.37	1	D	A	90.2	6.5	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	13.4	1.7	20.4	-3.7
1684	4460703.44	5339915.44	504.37	2	D	A	90.2	3.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-11.4
1685	4460705.21	5339915.16	504.37	2	D	A	90.2	1.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-13.7
1686	4460706.75	5339914.93	504.38	2	D	A	90.2	2.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-12.4
1687	4460708.73	5339914.62	504.38	2	D	A	90.2	3.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	13.4	1.8	22.3	-11.5
1688	4460705.36	5339915.14	504.37	1	D	A	90.2	7.1	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.2	24.9
1689	4460708.85	5339914.60	504.38	1	D	A	90.2	3.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	4.3	1.7	7.6	13.3
1690	4460686.54	5339922.82	504.35	0	D	A	90.2	8.3	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	1.9	1.6	0.0	32.2
1701	4460685.37	5339923.64	504.35	1	D	A	90.2	5.9	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	13.5	1.7	20.1	-3.8
1702	4460687.66	5339922.03	504.35	1	D	A	90.2	2.2	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	13.5	1.7	20.2	-7.5
1703	4460688.82	5339921.22	504.35	1	D	A	90.2	0.7	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	13.5	1.7	20.2	-9.1
1704	4460685.89	5339923.27	504.35	2	D	A	90.2	7.2	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	12.6	1.8	23.5	-9.2
1705	4460688.66	5339921.33	504.35	2	D	A	90.2	2.0	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	12.6	1.8	23.6	-14.3
1707	4460686.54	5339922.82	504.35	1	D	A	90.2	8.3	0.9	3.0	0.0	65.2	1.4	4.7	0.0	0.0	0.1	1.8	6.7	22.6
1708	4460686.54	5339922.82	504.35	1	D	A	90.2	8.3	0.9	3.0	0.0	62.7	1.2	4.6	0.0	0.0	0.7	1.7	27.5	4.2
1709	4460686.54	5339922.82	504.35	3	D	A	90.2	8.3	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	38.5	-115.5
1710	4460684.22	5339924.44	504.36	3	D	A	90.2	0.4	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	38.7	-123.6
1711	4460685.76	5339923.37	504.35	3	D	A	90.2	0.3	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.1	1.9	45.6	-30.9
1712	4460687.75	5339921.97	504.35	3	D	A	90.2	5.8	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.1	1.9	45.5	-25.3
1713	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	1.5	1.6	0.0	32.5
1736	4460713.62	5339914.50	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	13.4	1.7	20.4	-1.5
1749	4460710.00	5339914.45	504.38	2	D	A	90.2	-4.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	13.5	1.8	22.3	-19.4
1750	4460713.10	5339914.50	504.38	2	D	A	90.2	7.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.5	1.8	22.2	-7.2
1751	4460716.72	5339914.55	504.37	2	D	A	90.2	1.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.4	1.8	22.4	-13.5
1773	4460713.62	5339914.50	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.2	1.7	8.3	17.6
1854	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	60.9	1.0	4.5	0.0	0.0	2.0	1.6	0.0	31.9
1875	4460676.94	5339931.77	504.36	1	D	A	90.2	7.7	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	13.6	1.7	20.0	-1.6
1878	4460675.40	5339933.68	504.36	2	D	A	90.2	-0.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.2	1.8	40.9	-25.1
1879	4460676.50	5339932.32	504.36	2	D	A	90.2	4.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.2	1.8	40.9	-20.8
1880	4460797.01	5339941.53	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	0.5	1.7	0.0	33.3
1886	4460794.52	5339940.87	504.37	2	D	A	90.2	-3.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	12.8	1.8	00.9	-97.1
1888	4460795.07	5339941.01	504.37	2	D	A	90.2	-1.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	00.9	-95.3
1889	4460798.17	5339941.85	504.38	2	D	A	90.2	7.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	01.2	-86.3
1893	4460793.36	5339940.56	504.36	1	D	A	90.2	-2.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.1	1.7	34.8	-28.2
1894	4460796.58	5339941.42	504.38	1	D	A	90.2	7.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.1	1.7	34.8	-18.1
1895	4460800.23	5339942.40	504.39	1	D	A	90.2	1.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.1	1.7	34.8	-24.3
1907	4460797.01	5339941.53	504.38	1	D	A	90.2	9.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	4.2	26.6
1926	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	1.8	1.6	0.0	32.0
1934	4460694.29	5339918.58	504.33	3	D	A	90.2	3.1	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	12.4	1.9	50.1	-43.7
1935	4460693.45	5339918.97	504.33	3	D	A	90.2	3.6	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	12.4	1.9	50.1	-43.3
1938	4460690.92	5339920.13	504.34	1	D	A	90.2	5.5	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	13.4	1.7	20.2	-4.4
1939	4460693.88	5339918.77	504.33																	

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1951	4460689.42	5339920.83	504.35	3	D	A	90.2	-6.0	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	38.1	-129.4
1952	4460692.38	5339919.46	504.34	3	D	A	90.2	8.0	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	37.9	-115.1
1953	4460694.73	5339918.37	504.33	2	D	A	90.2	0.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	39.1	-22.3
1954	4460691.72	5339919.76	504.34	3	D	A	90.2	7.3	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	45.4	-23.7
1955	4460694.68	5339918.40	504.33	3	D	A	90.2	0.8	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	45.3	-30.1
1956	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	1.5	1.6	0.0	32.3
1965	4460720.93	5339915.25	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-1.9
1968	4460720.33	5339915.13	504.39	2	D	A	90.2	4.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	13.5	1.8	22.6	-11.7
1970	4460723.05	5339915.67	504.42	2	D	A	90.2	4.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	13.5	1.8	22.7	-11.6
1971	4460724.44	5339915.94	504.43	2	D	A	90.2	-14.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-30.7
1972	4460717.59	5339914.59	504.37	2	D	A	90.2	-4.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.4	1.8	22.4	-19.2
1973	4460718.17	5339914.71	504.38	2	D	A	90.2	-0.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-15.8
1980	4460722.27	5339915.51	504.41	1	D	A	90.2	6.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.7	1.7	11.2	13.0
1981	4460721.63	5339915.39	504.40	3	D	A	90.2	6.4	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.5	1.8	12.0	12.7
1982	4460717.74	5339914.62	504.37	1	D	A	90.2	-1.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.9	1.7	7.4	9.2
1983	4460718.54	5339914.78	504.38	1	D	A	90.2	-0.1	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.2	1.7	4.2	17.8
1985	4460719.36	5339914.94	504.39	1	D	A	90.2	-1.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.2	1.7	4.2	16.4
2124	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	60.7	1.0	4.5	0.0	0.0	2.4	1.6	0.0	31.3
2134	4460673.51	5339936.44	504.36	1	D	A	90.2	7.0	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	13.7	1.7	19.8	-2.1
2135	4460675.00	5339934.21	504.36	1	D	A	90.2	-4.5	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	13.6	1.7	19.9	-13.8
2145	4460673.60	5339936.29	504.36	2	D	A	90.2	7.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.3	1.8	41.1	-17.8
2146	4460727.78	5339916.94	504.41	0	D	A	90.2	8.4	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	1.4	1.6	0.0	32.1
2155	4460727.78	5339916.94	504.41	1	D	A	90.2	8.4	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-2.0
2160	4460731.00	5339917.91	504.39	2	D	A	90.2	-6.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-22.6
2163	4460725.74	5339916.33	504.42	2	D	A	90.2	4.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-11.8
2168	4460729.07	5339917.33	504.40	2	D	A	90.2	6.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-9.8
2176	4460725.05	5339916.13	504.42	1	D	A	90.2	1.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.6	1.8	11.1	7.7
2177	4460726.03	5339916.42	504.42	1	D	A	90.2	-1.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.3	1.8	10.8	6.1
2182	4460728.41	5339917.13	504.40	1	D	A	90.2	6.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	6.7	20.7
2184	4460730.76	5339917.84	504.39	1	D	A	90.2	-1.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	6.7	13.1
2188	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.3	1.7	0.0	32.5
2194	4460824.53	5339944.21	504.39	2	D	A	90.2	8.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	12.6	1.8	40.0	-24.7
2198	4460824.25	5339944.25	504.39	1	D	A	90.2	8.6	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	6.6	23.6
2199	4460821.17	5339944.73	504.40	1	D	A	90.2	-0.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.0	1.8	10.9	6.7
2201	4460821.94	5339944.61	504.39	1	D	A	90.2	-2.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.1	1.8	10.9	4.6
2203	4460823.25	5339944.41	504.39	1	D	A	90.2	3.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.1	1.8	10.9	9.9
2205	4460825.40	5339944.07	504.39	1	D	A	90.2	3.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.1	1.8	11.0	10.3
2206	4460827.17	5339943.80	504.39	1	D	A	90.2	1.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.9	1.8	10.7	8.3
2207	4460809.83	5339944.21	504.37	0	D	A	90.2	7.0	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	0.6	1.7	0.0	30.9
2208	4460813.21	5339944.60	504.38	0	D	A	90.2	2.4	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	0.3	1.7	0.0	26.5
2220	4460810.69	5339944.31	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.2	1.7	34.9	-17.9
2231	4460807.72	5339943.96	504.37	1	D	A	90.2	-0.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	4.2	16.5
2232	4460808.52	5339944.05	504.37	1	D	A	90.2	-1.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	4.2	16.4
2233	4460809.58	5339944.18	504.37	1	D	A	90.2	1.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	1.7	1.7	5.7	15.5
2234	4460809.10	5339944.12	504.37	2	D	A	90.2	5.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.7	1.8	95.9	-71.1
2235	4460807.41	5339943.92	504.37	2	D	A	90.2	-7.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.6	1.8	96.0	-83.4
2236	4460811.71	5339944.43	504.37	1	D	A	90.2	6.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	6.6	21.8
2237	4460813.16	5339944.59	504.38	1	D	A	90.2	2.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.0	1.8	10.8	9.7
2456	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	0.5	1.7	0.0	32.2
2486	4460801.66	5339942.74	504.39	2	D	A	90.2	1.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	01.4	-92.5
2490	4460802.45	5339942.90	504.39	2	D	A	90.2	-8.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	01.5	-103.2
2493	4460803.06	5339943.03	504.38	2	D	A	90.2	0.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	01.5	-93.8
2529	4460804.13	5339943.25	504.38	1	D	A	90.2	8.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.2	1.7	34.8	-17.9
2546	4460803.30	5339943.08	504.38	1	D	A	90.2	6.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	4.2	24.2
2547	4460806.49	5339943.74	504.37	1	D	A	90.2	2.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	4.2	19.7
2548	4460805.87	5339943.61	504.38	2	D	A	90.2	4.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.6	1.8	96.0	-71.5
2551	4460817.38	5339944.75	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	0.3	1.7	0.0	32.2
2568	4460815.12	5339944.72	504.38	1	D	A	90.2	3.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.2	1.7	35.0	-23.1
2582	4460814.86	5339944.71	504.38	1	D	A	90.2	2.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	6.6	17.0
2584	4460818.17	5339944.77	504.39	1	D	A	90.2	7.0	0.9	3.0	0.0	64.7	1.3	4.6	0.0	0.0	0.2	1.7	6.6	22.1
2591	4460817.38	5339944.75	504.39	1	D	A	90.2	8.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.0	1.8	10.8	15.2
2807	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	0.3	1.7	0.0	32.0
2850	4460828.08	5339943.63	504.39	2	D	A	90.2	-2.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.6	1.8	40.0	-35.3
2851	4460829.50	5339943.29	504.38	2	D	A	90.2													

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4156	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.7	1.8	0.0	27.5
4355	4461045.86	5339842.78	504.38	0	D	A	90.2	7.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.6	1.8	0.0	26.3
4359	4461047.77	5339839.55	504.38	0	D	A	90.2	2.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.6	1.8	0.0	21.2
4422	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.5	1.8	0.0	27.4
4481	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.5	1.8	0.0	27.3
4576	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.8	1.8	0.0	26.9
4639	4461055.50	5339814.36	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.3	1.8	0.0	27.4
4812	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	2.9	1.8	0.0	24.7
4861	4461090.99	5339852.30	504.47	1	D	A	90.2	8.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	12.9	1.8	14.8	-1.3
4869	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	0.3	1.8	0.0	27.3
4977	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.7	1.8	0.0	26.9
5046	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	2.7	1.8	0.0	24.7
5078	4461097.62	5339848.99	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	12.8	1.8	14.8	-1.4
5091	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.8	1.8	0.0	26.8
5183	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.6	1.8	0.0	24.8
5222	4461103.97	5339845.13	504.42	1	D	A	90.2	8.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	12.8	1.8	14.9	-1.5
5226	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.2	1.8	0.0	27.2
5276	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.3	1.8	0.0	25.0
5314	4461109.61	5339840.23	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	12.7	1.8	15.0	-1.6
5326	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	2.1	1.8	0.0	25.2
5362	4461114.05	5339834.15	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	12.6	1.8	15.1	-1.6
5749	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	0.0	27.1
5801	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	0.0	27.0
5855	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.4	1.8	0.0	26.7
5892	4461116.88	5339827.17	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.6	1.8	15.1	-1.8
5894	4461117.40	5339825.23	504.40	1	D	A	90.2	5.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.6	1.8	24.1	-14.1
5902	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.1	1.8	0.0	27.0
6144	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	0.0	26.6
6159	4461117.92	5339819.06	504.40	1	D	A	90.2	-0.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.5	1.8	15.2	-11.3
6160	4461117.89	5339821.52	504.40	1	D	A	90.2	6.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.5	1.8	15.2	-4.6
6163	4461117.93	5339818.27	504.40	1	D	A	90.2	6.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.5	1.8	24.2	-13.3
6165	4461117.88	5339821.98	504.40	1	D	A	90.2	4.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.5	1.8	24.2	-14.6
6166	4461113.50	5339803.19	504.40	0	D	A	90.2	3.5	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.3	1.8	0.0	21.3
6167	4461115.12	5339806.59	504.40	0	D	A	90.2	7.3	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.3	1.8	0.0	25.1
6178	4461114.65	5339805.59	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	12.4	1.8	24.4	-11.0
6179	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.2	1.8	0.0	26.7
6189	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.1	1.8	0.0	26.7
6214	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.2	1.8	0.0	26.6
6240	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	0.0	26.5
6246	4461116.95	5339811.87	504.40	1	D	A	90.2	7.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.4	1.8	24.3	-12.0
6247	4461117.80	5339815.43	504.40	1	D	A	90.2	1.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.5	1.8	24.2	-18.1
6248	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.2	1.8	0.0	26.5
6313	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.3	1.8	0.0	26.4
6330	4461110.80	5339799.37	504.41	1	D	A	90.2	8.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	12.4	1.8	24.4	-11.2
6335	4461104.12	5339793.19	504.40	0	D	A	90.2	4.7	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.2	1.8	0.0	22.7
6338	4461106.94	5339795.31	504.41	0	D	A	90.2	6.1	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.3	1.8	0.0	24.0
6347	4461108.42	5339796.43	504.41	1	D	A	90.2	-4.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	12.3	1.8	24.4	-24.1

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6698	4460743.13	5339850.61	505.12	0	D	A	73.9	9.6	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.3	1.7	0.0	16.4
6699	4460729.45	5339866.28	505.07	0	D	A	73.9	15.1	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	1.8	1.7	0.0	20.9
6700	4460714.93	5339882.92	505.01	0	D	A	73.9	10.7	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	0.6	1.7	0.0	18.2
6701	4460710.64	5339887.82	504.99	0	D	A	73.9	1.0	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	0.7	1.7	0.0	8.6
6714	4460741.74	5339852.20	505.11	1	D	A	73.9	11.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.0	1.7	21.4	-17.5
6715	4460730.75	5339864.80	505.07	1	D	A	73.9	13.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	13.3	1.7	20.9	-15.3
6716	4460745.49	5339847.91	505.13	2	D	A	73.9	3.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-27.4
6717	4460740.99	5339853.07	505.11	2	D	A	73.9	10.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.9	1.8	22.8	-20.0
6718	4460721.53	5339875.35	505.03	1	D	A	73.9	10.6	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.4	1.7	20.7	-17.3
6719	4460713.98	5339884.00	505.00	1	D	A	73.9	10.6	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	13.2	1.7	20.9	-17.0
6720	4460735.48	5339859.38	505.09	2	D	A	73.9	8.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	12.8	1.8	22.9	-22.2
6722	4460731.66	5339863.75	505.07	2	D	A	73.9	6.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	12.8	1.8	22.9	-24.7
6724	4460728.78	5339867.05	505.06	2	D	A	73.9	6.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	14.1	1.8	21.6	-24.6
6725	4460725.81	5339870.45	505.05	2	D	A	73.9	6.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	14.1	1.8	21.7	-24.6
6729	4460721.84	5339875.00	505.04	2	D	A	73.9	6.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	22.5	-23.9
6730	4460717.29	5339880.21	505.02	2	D	A	73.9	9.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-20.4
6731	4460712.16	5339886.08	505.00	2	D	A	73.9	7.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-22.7

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6732	4460745.39	5339848.03	505.13	2	D	A	73.9	3.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.9	1.8	20.4	-29.2
6733	4460742.94	5339850.83	505.12	2	D	A	73.9	7.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.5	1.8	20.9	-25.9
6735	4460737.36	5339857.22	505.10	2	D	A	73.9	10.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	14.8	1.8	21.6	-22.4
6737	4460730.56	5339865.01	505.07	2	D	A	73.9	9.4	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	14.3	1.8	22.2	-23.9
6738	4460726.78	5339869.34	505.06	2	D	A	73.9	4.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	14.1	1.8	22.4	-29.2
6740	4460724.84	5339871.57	505.05	2	D	A	73.9	5.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	14.0	1.8	22.5	-28.5
6742	4460722.26	5339874.52	505.04	2	D	A	73.9	6.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	15.2	1.8	21.3	-27.0
6744	4460720.48	5339876.55	505.03	2	D	A	73.9	-1.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	15.0	1.8	21.5	-34.6
6746	4460715.83	5339881.88	505.01	2	D	A	73.9	11.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.6	1.8	22.0	-22.6
6748	4460710.83	5339887.61	504.99	2	D	A	73.9	2.7	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	14.3	1.8	22.3	-31.3
6758	4460725.41	5339870.91	505.05	3	D	A	73.9	6.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	6.8	1.8	26.2	-23.0
6759	4460723.29	5339873.34	505.04	3	D	A	73.9	3.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	10.3	1.8	26.8	-29.9
6760	4460740.84	5339853.24	505.11	1	D	A	73.9	12.1	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.3	1.7	2.9	15.4
6761	4460733.47	5339861.67	505.08	1	D	A	73.9	7.9	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	2.9	11.0
6762	4460731.04	5339864.46	505.07	1	D	A	73.9	0.7	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	6.5	1.7	9.0	-8.6
6763	4460727.73	5339868.26	505.06	1	D	A	73.9	9.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	6.8	1.7	9.1	-0.3
6764	4460726.84	5339869.27	505.06	3	D	A	73.9	8.4	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.4	1.7	13.8	-4.3
6768	4460723.23	5339873.40	505.04	1	D	A	73.9	0.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.3	1.7	2.9	4.1
6770	4460716.55	5339881.06	505.01	1	D	A	73.9	12.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.3	1.7	2.9	16.4
6772	4460735.14	5339859.77	505.09	1	D	A	73.9	15.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	9.1	1.8	10.0	0.5
6775	4460723.63	5339872.95	505.04	1	D	A	73.9	1.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	10.1	1.8	10.3	-14.5
6776	4460716.68	5339880.91	505.02	1	D	A	73.9	12.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	9.4	1.8	10.2	-2.7
6783	4460727.36	5339868.68	505.06	3	D	A	73.9	1.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.4	1.8	10.1	-8.9
6785	4460725.39	5339870.94	505.05	3	D	A	73.9	6.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.1	1.8	9.9	-3.9
6786	4460740.20	5339853.97	505.11	3	D	A	73.9	2.4	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	10.4	1.8	17.0	-22.5
6787	4460731.55	5339863.88	505.07	3	D	A	73.9	13.9	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	7.8	1.8	16.4	-8.0
6788	4460721.33	5339875.58	505.03	3	D	A	73.9	8.1	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	10.4	1.8	17.1	-17.2
6789	4460718.90	5339878.36	505.02	3	D	A	73.9	-0.4	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	8.8	1.8	16.9	-24.1

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7115	4460744.92	5339902.73	504.62	0	D	A	73.9	15.8	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	0.8	1.7	0.0	23.3
7118	4460748.30	5339890.57	504.79	1	D	A	73.9	11.1	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	21.0	-16.7
7119	4460746.30	5339897.77	504.69	1	D	A	73.9	3.3	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	13.2	1.7	20.9	-24.3
7120	4460744.52	5339904.17	504.59	1	D	A	73.9	10.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	13.2	1.7	20.8	-16.9
7122	4460741.43	5339915.30	504.44	1	D	A	73.9	10.8	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.1	1.7	20.8	-16.2
7124	4460744.92	5339902.73	504.62	2	D	A	73.9	15.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	12.7	1.8	23.3	-16.2
7126	4460748.35	5339890.38	504.79	2	D	A	73.9	11.0	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	13.7	1.8	22.9	-23.0
7130	4460749.66	5339885.66	504.86	3	D	A	73.9	4.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	12.7	1.8	39.4	-43.5
7131	4460749.02	5339887.96	504.82	3	D	A	73.9	3.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	12.7	1.8	39.3	-44.5
7133	4460743.89	5339906.45	504.56	2	D	A	73.9	14.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	13.5	1.8	23.3	-19.5
7154	4460746.48	5339897.10	504.70	1	D	A	73.9	14.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	6.6	12.9
7155	4460741.39	5339915.44	504.44	1	D	A	73.9	10.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	6.7	8.9
7156	4460749.29	5339886.98	504.84	2	D	A	73.9	7.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	28.7	-15.9
7157	4460748.77	5339888.88	504.81	1	D	A	73.9	9.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	5.7	1.8	8.8	-0.9
7158	4460744.01	5339906.01	504.57	1	D	A	73.9	14.2	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	4.3	1.8	8.0	5.5
7159	4460740.17	5339919.85	504.37	1	D	A	73.9	4.0	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	3.5	1.8	7.5	-3.7

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7160	4460680.00	5339830.93	505.49	0	D	A	78.7	11.7	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	0.0	1.7	0.0	23.7
7190	4460685.14	5339832.14	505.50	1	D	A	78.7	6.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	12.0	1.7	22.3	-17.6
7191	4460682.22	5339831.45	505.49	1	D	A	78.7	2.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	12.1	1.7	22.3	-21.7
7395	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	0.0	20.7
7436	4460691.11	5339831.84	505.34	1	D	A	78.7	9.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.0	1.7	21.4	-15.1
7437	4460694.40	5339831.17	505.21	2	D	A	78.7	0.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.6	1.8	23.6	-27.3
7440	4460694.50	5339831.15	505.21	1	D	A	78.7	-0.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.1	1.8	2.9	6.3

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6879	4460733.27	5339852.56	505.09	0	D	A	73.9	12.7	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	1.2	1.7	0.0	18.7
6880	4460723.11	5339864.06	505.04	0	D	A	73.9	10.9	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	0.4	1.7	0.0	18.0
6881	4460712.22	5339876.38	504.99	0	D	A	73.9	13.2	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	0.6	1.7	0.0	20.6
6911	4460735.58	5339849.95	505.10	1	D	A	73.9	10.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.2	1.7	21.2	-18.1
6914	4460738.83	5339846.28	505.11	2	D	A	73.9	2.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-28.1

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6916	4460729.05	5339857.33	505.07	1	D	A	73.9	10.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	13.2	1.7	21.0	-17.7
6917	4460720.78	5339866.69	505.03	1	D	A	73.9	11.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.1	1.7	21.1	-16.9
6919	4460711.68	5339876.98	504.99	1	D	A	73.9	11.6	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	13.1	1.7	20.9	-16.2
6921	4460706.15	5339883.24	504.96	1	D	A	73.9	3.7	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	13.2	1.7	20.8	-23.7
6922	4460705.85	5339883.58	504.96	2	D	A	73.9	1.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	13.1	1.8	22.8	-29.8
6923	4460736.60	5339848.79	505.10	2	D	A	73.9	8.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.9	1.8	22.7	-22.0
6925	4460732.88	5339853.01	505.08	2	D	A	73.9	6.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.9	1.8	22.8	-24.5
6926	4460730.06	5339856.20	505.07	2	D	A	73.9	6.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	14.5	1.8	21.2	-24.4
6928	4460727.16	5339859.47	505.06	2	D	A	73.9	6.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	14.3	1.8	21.3	-24.5
6930	4460723.09	5339864.08	505.04	2	D	A	73.9	6.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.0	1.7	22.4	-23.7
6931	4460718.65	5339869.10	505.02	2	D	A	73.9	9.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	13.0	1.7	22.5	-20.2
6932	4460713.24	5339875.22	505.00	2	D	A	73.9	8.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	22.5	-21.7
6933	4460710.23	5339878.62	504.98	2	D	A	73.9	3.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-26.9
6934	4460708.09	5339881.04	504.97	2	D	A	73.9	6.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-23.9
6935	4460737.14	5339848.18	505.10	2	D	A	73.9	8.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.6	1.8	20.7	-24.6
6936	4460732.04	5339853.95	505.08	2	D	A	73.9	9.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	14.9	1.8	21.4	-23.8
6937	4460728.34	5339858.14	505.06	2	D	A	73.9	4.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	14.6	1.8	21.8	-29.0
6938	4460726.43	5339860.29	505.06	2	D	A	73.9	5.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	14.5	1.8	22.0	-28.3
6939	4460723.91	5339863.15	505.04	2	D	A	73.9	6.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	16.7	1.8	19.7	-26.8
6940	4460722.17	5339865.12	505.04	2	D	A	73.9	-1.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	16.3	1.8	20.1	-34.5
6941	4460717.62	5339870.27	505.02	2	D	A	73.9	11.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	15.5	1.8	21.0	-22.4
6942	4460709.50	5339879.45	504.98	2	D	A	73.9	10.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	14.7	1.8	21.9	-23.2
6943	4460705.52	5339883.95	504.96	2	D	A	73.9	-3.2	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	13.6	1.8	23.0	-37.1
6946	4460706.07	5339883.33	504.96	1	D	A	73.9	3.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	1.2	1.7	5.0	2.7
6948	4460726.89	5339859.78	505.06	3	D	A	73.9	6.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.6	1.8	26.7	-25.3
6949	4460724.81	5339862.13	505.05	3	D	A	73.9	3.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	13.5	1.8	23.6	-29.7
6950	4460737.91	5339847.31	505.11	1	D	A	73.9	6.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.3	1.7	2.5	10.3
6951	4460734.43	5339851.25	505.09	1	D	A	73.9	7.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.3	1.7	2.9	11.1
6952	4460732.06	5339853.93	505.08	1	D	A	73.9	0.6	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	7.7	1.7	6.7	-7.4
6953	4460728.82	5339857.59	505.07	1	D	A	73.9	9.4	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	8.1	1.7	6.8	0.8
6954	4460728.07	5339858.45	505.06	3	D	A	73.9	8.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	5.2	1.7	10.4	-1.6
6955	4460724.22	5339862.80	505.05	1	D	A	73.9	0.2	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.4	1.7	1.0	6.0
6956	4460715.52	5339872.64	505.01	1	D	A	73.9	14.0	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.3	1.7	2.9	17.7
6961	4460732.49	5339853.44	505.08	1	D	A	73.9	13.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	10.4	1.8	10.3	-2.9
6962	4460725.11	5339861.79	505.05	1	D	A	73.9	1.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.1	1.8	10.3	-17.5
6963	4460716.11	5339871.97	505.01	1	D	A	73.9	14.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	11.3	1.8	10.4	-3.5
6964	4460706.79	5339882.52	504.97	1	D	A	73.9	3.9	0.9	3.0	0.0	66.0	1.5	4.7	0.0	0.0	7.7	1.8	9.9	-9.9
6965	4460705.67	5339883.78	504.96	1	D	A	73.9	-0.3	0.9	3.0	0.0	66.0	1.5	4.7	0.0	0.0	4.1	1.8	7.9	-8.5
6971	4460728.84	5339857.57	505.07	3	D	A	73.9	1.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	5.4	1.8	10.7	-10.4
6973	4460726.91	5339859.76	505.06	3	D	A	73.9	6.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	5.1	1.8	10.5	-5.4
6974	4460732.31	5339853.65	505.08	3	D	A	73.9	13.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	10.0	1.8	16.9	-11.1
6975	4460723.13	5339864.03	505.04	3	D	A	73.9	8.0	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	14.0	1.8	15.5	-19.2
6976	4460720.75	5339866.72	505.03	3	D	A	73.9	-0.5	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	12.3	1.8	17.1	-27.8
7327	4460698.47	5339893.99	504.83	0	D	A	73.9	13.8	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.9	1.6	0.0	21.6
7338	4460702.28	5339888.53	504.90	1	D	A	73.9	10.3	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	13.2	1.7	20.7	-17.0
7339	4460698.03	5339894.62	504.82	1	D	A	73.9	6.1	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	13.3	1.7	20.6	-20.9
7340	4460694.21	5339900.07	504.75	1	D	A	73.9	9.6	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.3	1.7	20.6	-17.2
7341	4460703.97	5339886.13	504.93	2	D	A	73.9	6.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.1	1.8	22.8	-24.7
7343	4460697.07	5339895.98	504.80	2	D	A	73.9	12.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	12.7	1.8	23.3	-19.0
7345	4460693.73	5339900.76	504.74	3	D	A	73.9	4.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	24.0	-27.7
7346	4460692.25	5339902.88	504.71	3	D	A	73.9	3.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	24.1	-28.6
7350	4460700.94	5339890.46	504.88	1	D	A	73.9	11.9	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	6.6	10.7
7351	4460694.04	5339900.32	504.75	1	D	A	73.9	9.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.1	1.7	6.6	7.9
7353	4460693.21	5339901.51	504.73	2	D	A	73.9	7.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	14.9	-1.6
7800	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	1.6	1.6	0.0	17.5
7813	4460692.87	5339915.75	504.43	2	D	A	73.9	5.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	22.0	-23.0
7814	4460690.99	5339910.46	504.61	1	D	A	73.9	1.8	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.4	-24.7
7815	4460691.49	5339911.88	504.56	1	D	A	73.9	1.7	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.4	-24.7
7816	4460692.57	5339914.89	504.46	1	D	A	73.9	6.9	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.3	-19.5
7817	4460693.68	5339918.00	504.35	1	D	A	73.9	2.3	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	13.4	1.7	20.3	-24.0
7819	4460692.35	5339914.28	504.48	2	D	A	73.9	9.8	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	12.6	1.8	23.5	-22.5
7820	4460691.80	5339912.75	504.53	2	D	A	73.9	5.7	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	22.0	-23.1
7821	4460692.03	5339913.37	504.51	1	D	A	73.9	8.9	0.9	3.0	0.0	65.0	1.4	4.7	0.0	0.0	0.1	1.7	6.6	7.1
7823	4460693.64	53																		

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8147	4460691.49	5339904.43	504.69	3	D	A	73.9	0.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	24.1	-31.6
8149	4460691.15	5339906.80	504.67	1	D	A	73.9	7.8	0.9	3.0	0.0	64.9	1.4	4.7	0.0	0.0	0.1	1.7	6.6	6.2
8150	4460691.51	5339904.28	504.69	2	D	A	73.9	-0.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	15.0	-9.8

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7577	4460792.32	5339880.61	504.87	0	D	A	73.9	10.6	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	0.0	17.5
7578	4460801.60	5339885.03	504.86	0	D	A	73.9	9.6	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	0.0	16.5
7584	4460787.23	5339878.19	504.87	2	D	A	73.9	-7.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.7	1.8	23.1	-38.4
7585	4460789.14	5339879.10	504.87	2	D	A	73.9	6.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	17.0	1.8	19.6	-27.1
7586	4460791.43	5339880.19	504.87	2	D	A	73.9	-2.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	16.8	1.8	19.7	-35.6
7587	4460793.29	5339881.07	504.87	2	D	A	73.9	5.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	16.8	1.8	19.8	-28.2
7588	4460797.24	5339882.96	504.86	2	D	A	73.9	7.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	16.6	1.8	20.0	-26.4
7589	4460801.23	5339884.86	504.86	2	D	A	73.9	5.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	16.4	1.8	20.2	-28.2
7590	4460804.27	5339886.30	504.85	2	D	A	73.9	5.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	16.4	1.8	20.2	-28.7
7591	4460800.28	5339884.40	504.86	3	D	A	73.9	-1.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	16.4	1.8	04.5	-119.1
7604	4460787.32	5339878.24	504.87	1	D	A	73.9	-4.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.1	-2.5
7605	4460787.56	5339878.35	504.87	2	D	A	73.9	-0.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	86.5	-82.2
7606	4460801.64	5339885.05	504.86	3	D	A	73.9	9.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.1	1.8	89.8	-75.9
7607	4460794.08	5339881.45	504.87	1	D	A	73.9	11.5	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	1.0	17.1
7608	4460801.61	5339885.03	504.86	1	D	A	73.9	3.9	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	2.5	8.0
7609	4460803.08	5339885.73	504.85	1	D	A	73.9	-1.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	2.5	3.0
7610	4460804.04	5339886.19	504.85	1	D	A	73.9	1.3	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	9.9	1.7	6.2	-8.1
7611	4460799.63	5339884.09	504.86	2	D	A	73.9	0.7	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	27.1	-20.0
7612	4460787.20	5339878.18	504.87	1	D	A	73.9	-8.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	8.2	1.8	9.8	-22.8
7613	4460795.12	5339881.95	504.86	1	D	A	73.9	12.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.5	1.8	9.8	-7.8
7614	4460804.34	5339886.33	504.85	1	D	A	73.9	4.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.0	1.8	10.0	-15.3
7616	4460799.26	5339883.92	504.86	2	D	A	73.9	-6.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.6	1.8	22.5	-38.3
7617	4460800.55	5339884.53	504.86	2	D	A	73.9	4.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.7	1.8	22.4	-28.1
7618	4460804.42	5339886.37	504.85	3	D	A	73.9	-5.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.2	1.8	39.6	-54.5
7619	4460803.50	5339885.93	504.85	2	D	A	73.9	6.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.3	1.8	22.8	-26.2
7620	4460805.51	5339886.89	504.85	2	D	A	73.9	-3.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.0	1.8	23.1	-35.9
7621	4460800.42	5339884.47	504.86	2	D	A	73.9	-6.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.0	1.8	98.1	-114.6
7626	4460798.58	5339883.59	504.86	2	D	A	73.9	0.7	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	76.7	-69.5
7627	4460804.59	5339886.45	504.85	1	D	A	73.9	3.9	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	2.5	8.1
7629	4460798.34	5339883.48	504.86	2	D	A	73.9	3.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.7	1.8	22.4	-29.3
7630	4460805.05	5339886.67	504.85	3	D	A	73.9	1.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.2	1.8	01.2	-109.4
7631	4460805.69	5339886.98	504.85	3	D	A	73.9	-16.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.1	1.8	24.0	-49.4
7753	4460786.20	5339864.80	505.05	0	D	A	73.9	12.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	0.0	19.1
7761	4460786.67	5339862.99	505.06	1	D	A	73.9	11.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	21.6	-17.7
7763	4460786.20	5339864.80	505.05	2	D	A	73.9	12.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	12.7	1.8	23.0	-18.5
7765	4460784.18	5339872.76	504.98	3	D	A	73.9	-0.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.7	1.8	24.1	-32.8
7766	4460786.20	5339864.80	505.05	2	D	A	73.9	12.4	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.2	1.8	21.3	-20.9
7767	4460784.27	5339872.40	504.98	3	D	A	73.9	2.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.6	1.8	02.9	-109.8
7768	4460787.56	5339859.49	505.09	1	D	A	73.9	8.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	6.4	8.1
7769	4460785.48	5339867.66	505.02	2	D	A	73.9	4.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.9	1.8	42.8	-43.1
7770	4460785.06	5339869.28	505.01	2	D	A	73.9	-3.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	38.8	-51.0
7771	4460784.54	5339871.35	504.99	2	D	A	73.9	5.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	13.0	1.8	38.7	-42.1
7772	4460787.04	5339861.50	505.08	2	D	A	73.9	10.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	10.8	1.8	40.6	-37.2
7773	4460786.20	5339864.80	505.05	1	D	A	73.9	12.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.2	1.7	2.9	15.5
7774	4460784.62	5339871.04	504.99	2	D	A	73.9	-4.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.2	1.7	7.5	-6.5
7775	4460784.38	5339871.97	504.99	2	D	A	73.9	2.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.2	1.7	7.5	0.3
7776	4460784.13	5339872.97	504.98	2	D	A	73.9	-3.4	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	7.6	-5.2
7777	4460786.20	5339864.80	505.05	1	D	A	73.9	12.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	10.9	1.8	10.3	-4.5
7778	4460784.11	5339873.05	504.98	2	D	A	73.9	-5.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	8.9	1.8	25.7	-35.7
7780	4460784.10	5339873.05	504.98	2	D	A	73.9	-5.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	86.3	-87.0
7781	4460784.93	5339869.81	505.01	3	D	A	73.9	0.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	88.1	-83.5
8013	4460810.76	5339888.22	504.81	0	D	A	73.9	10.2	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	0.0	17.0
8020	4460806.08	5339887.07	504.85	2	D	A	73.9	-1.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	16.2	1.8	20.4	-34.8
8021	4460808.95	5339887.78	504.83	2	D	A	73.9	7.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	16.2	1.8	20.4	-26.7
8022	4460813.63	5339888.93	504.80	2	D	A	73.9	6.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	16.2	1.8	20.4	-27.3
8023	4460815.77	5339889.45	504.78	1	D	A	73.9	-9.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.8	1.8	36.7	-54.7
8024	4460807.43	5339887.41	504.84	1	D	A	73.9	5.5	0.9	3.0	0.0	63.5	1.2	4.6						

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
8037	4460809.42	5339887.89	504.82	1	D	A	73.9	6.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	13.6	1.8	10.2	-13.0
8038	4460813.81	5339888.97	504.79	1	D	A	73.9	6.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	13.7	1.8	10.1	-13.7
8041	4460808.24	5339887.60	504.83	3	D	A	73.9	4.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	13.6	1.8	12.3	-18.1
8042	4460811.65	5339888.44	504.81	3	D	A	73.9	6.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	13.6	1.8	12.3	-15.9
8043	4460805.75	5339886.99	504.85	2	D	A	73.9	-9.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.0	1.8	23.1	-41.9
8044	4460808.38	5339887.64	504.83	3	D	A	73.9	7.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	90.6	-78.9
8224	4460785.61	5339875.67	504.93	0	D	A	73.9	7.7	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	0.0	14.6
8226	4460785.61	5339875.67	504.93	2	D	A	73.9	7.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.7	1.8	23.1	-23.6
8227	4460784.89	5339874.52	504.95	3	D	A	73.9	5.0	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.7	1.8	24.1	-27.3
8228	4460785.60	5339875.67	504.93	2	D	A	73.9	7.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	14.4	1.8	22.1	-25.9
8229	4460787.14	5339878.15	504.87	2	D	A	73.9	-19.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	17.1	1.8	19.5	-53.5
8230	4460785.01	5339874.70	504.95	3	D	A	73.9	4.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	14.5	1.8	23.1	-29.8
8231	4460784.92	5339874.55	504.95	3	D	A	73.9	5.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.6	1.8	02.9	-106.8
8232	4460786.29	5339876.76	504.90	3	D	A	73.9	3.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.6	1.8	03.0	-109.0
8233	4460785.61	5339875.67	504.93	1	D	A	73.9	7.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.1	9.2
8234	4460784.86	5339874.46	504.95	2	D	A	73.9	4.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	5.2	5.4
8235	4460785.61	5339875.67	504.93	2	D	A	73.9	7.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	86.4	-74.0
8236	4460785.61	5339875.67	504.93	1	D	A	73.9	7.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	8.5	1.8	9.9	-6.6
8239	4460784.90	5339874.54	504.95	2	D	A	73.9	5.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	8.7	1.8	15.2	-14.7
8241	4460784.39	5339873.71	504.97	2	D	A	73.9	0.9	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.6	1.8	38.2	-47.0
8242	4460784.95	5339874.60	504.95	2	D	A	73.9	-0.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	14.6	1.8	37.2	-48.7
8244	4460785.53	5339875.54	504.93	2	D	A	73.9	1.9	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.7	1.8	36.1	-46.1

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7216	4460692.70	5339886.21	504.81	0	D	A	73.9	14.4	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.5	1.6	0.0	22.4
7258	4460694.68	5339876.97	504.88	1	D	A	73.9	9.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	13.2	1.7	20.9	-18.0
7260	4460691.77	5339890.58	504.78	1	D	A	73.9	12.8	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.2	1.7	20.7	-14.3
7262	4460692.70	5339886.21	504.81	2	D	A	73.9	14.4	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	12.8	1.8	23.1	-17.2
7263	4460692.70	5339886.21	504.81	2	D	A	73.9	14.4	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	13.6	1.8	23.1	-19.6
7266	4460692.70	5339886.21	504.81	1	D	A	73.9	14.4	0.9	3.0	0.0	64.5	1.3	4.7	0.0	0.0	0.1	1.7	4.1	15.8
7277	4460692.70	5339886.21	504.81	1	D	A	73.9	14.4	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	2.9	1.8	7.6	7.7
7280	4460693.81	5339881.00	504.85	3	D	A	73.9	12.4	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.9	1.8	13.9	-101.7
7784	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	1.6	1.6	0.0	17.5
7788	4460692.87	5339915.75	504.43	2	D	A	73.9	5.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	22.0	-23.0
7789	4460690.99	5339910.46	504.61	1	D	A	73.9	1.8	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.4	-24.7
7790	4460691.49	5339911.88	504.56	1	D	A	73.9	1.7	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.4	-24.7
7791	4460692.57	5339914.89	504.46	1	D	A	73.9	6.9	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.3	-19.5
7792	4460693.68	5339918.00	504.35	1	D	A	73.9	2.3	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	13.4	1.7	20.3	-24.0
7793	4460692.35	5339914.28	504.48	2	D	A	73.9	9.8	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	12.6	1.8	23.5	-22.5
7794	4460691.80	5339912.75	504.53	2	D	A	73.9	5.7	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	22.0	-23.1
7796	4460692.03	5339913.37	504.51	1	D	A	73.9	8.9	0.9	3.0	0.0	65.0	1.4	4.7	0.0	0.0	0.1	1.7	6.6	7.1
7797	4460693.64	5339917.90	504.35	1	D	A	73.9	2.8	0.9	3.0	0.0	65.1	1.4	4.7	0.0	0.0	0.1	1.8	6.7	1.0
7798	4460692.55	5339914.83	504.46	1	D	A	73.9	8.5	0.9	3.0	0.0	62.5	1.1	4.6	0.0	0.0	0.8	1.7	14.7	1.0
7825	4460690.26	5339904.79	504.67	0	D	A	73.9	10.0	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	1.1	1.6	0.0	17.9
7827	4460690.03	5339902.40	504.69	1	D	A	73.9	7.1	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-19.6
7828	4460690.51	5339907.36	504.65	1	D	A	73.9	6.8	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	13.3	1.7	20.4	-19.8
7829	4460690.15	5339903.64	504.68	2	D	A	73.9	8.8	0.9	3.0	0.0	66.0	1.5	4.7	0.0	0.0	12.6	1.8	23.4	-23.3
7830	4460690.62	5339908.60	504.65	2	D	A	73.9	3.6	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	12.6	1.8	23.4	-28.6
7832	4460689.99	5339901.94	504.69	3	D	A	73.9	2.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	24.1	-29.9
7833	4460690.19	5339904.09	504.68	3	D	A	73.9	4.1	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	12.8	1.8	24.1	-28.3
7835	4460690.26	5339904.79	504.67	1	D	A	73.9	10.0	0.9	3.0	0.0	64.9	1.4	4.7	0.0	0.0	0.1	1.7	6.6	8.4
7836	4460690.08	5339902.85	504.69	2	D	A	73.9	6.5	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	15.0	-2.8
8132	4460702.33	5339845.88	505.01	0	D	A	73.9	9.3	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	0.2	1.7	0.0	16.4
8134	4460702.33	5339845.88	505.01	1	D	A	73.9	9.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	13.0	1.7	21.3	-19.2
8135	4460702.33	5339845.88	505.01	2	D	A	73.9	9.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.8	1.7	22.7	-21.2
8136	4460702.33	5339845.88	505.01	2	D	A	73.9	9.3	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	15.1	1.8	21.2	-23.7
8137	4460702.33	5339845.88	505.01	1	D	A	73.9	9.3	0.9	3.0	0.0	63.7	1.3	4.6	0.0	0.0	0.2	1.7	2.9	12.8
8138	4460702.72	5339843.51	505.03	1	D	A	73.9	5.6	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	8.9	1.8	12.2	-10.9
8139	4460702.03	5339847.68	504.99	1	D	A	73.9	6.8	0.9	3.0	0.0	65.5	1.4	4.7	0.0	0.0	9.4	1.8	10.6	-8.7
8140	4460702.33	5339845.88	505.01	3	D	A	73.9	9.3	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	8.1	1.8	45.5	-41.0
8151	4460703.89	5339860.95	505.76	0	D	A	73.9	8.8	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	0.3	1.7	0.0	16.3
8152	4460703.89	5339860.95	505.76	1	D	A	73.9	8.8	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	13.1	1.7	21.1	-19.3
8153	4460703.89	5339860.95	505.76	2	D	A	73.9	8.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	12.8	1.8	22.9	-22.1
8154	4460703.89	5339860.95	505.76	2	D	A	73.9	8.8	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	14.0	1.8	22.4	-24.6
8156	4460703.89	5339860.95	505.76	1	D	A	73.9	8.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	4.1	10.7
8157	4460703.89	5339860.95	505.76	1	D	A	73.9	8.8	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	6.1	1.8	9.2	-2.2

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8177	4460697.75	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	62.5	1.1	4.6	0.0	0.0	0.3	1.7	0.0	16.0
8180	4460698.86	5339868.55	505.04	1	D	A	73.9	5.2	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	21.0	-22.7
8181	4460696.72	5339871.22	504.96	1	D	A	73.9	5.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	13.1	1.7	20.9	-22.2
8182	4460698.37	5339869.16	505.02	2	D	A	73.9	6.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-24.3
8183	4460696.23	5339871.83	504.94	2	D	A	73.9	3.0	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.7	1.8	23.0	-28.3
8184	4460698.44	5339869.08	505.02	2	D	A	73.9	6.7	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	13.9	1.8	22.6	-26.9
8185	4460696.30	5339871.74	504.94	2	D	A	73.9	3.4	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	13.8	1.8	22.7	-30.2
8188	4460697.75	5339869.93	504.99	1	D	A	73.9	8.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.1	1.7	4.1	10.1
8189	4460698.96	5339868.42	505.04	1	D	A	73.9	4.7	0.9	3.0	0.0	65.8	1.5	4.7	0.0	0.0	5.5	1.8	9.0	-5.6
8190	4460696.82	5339871.09	504.96	1	D	A	73.9	5.9	0.9	3.0	0.0	65.9	1.5	4.7	0.0	0.0	4.1	1.8	9.1	-3.3
8191	4460697.75	5339869.93	504.99	3	D	A	73.9	8.4	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	4.0	1.8	14.1	-106.9
8246	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.3	1.7	0.0	13.7
8251	4460701.45	5339865.95	505.42	1	D	A	73.9	6.2	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	13.1	1.7	21.1	-21.8
8252	4460701.45	5339865.95	505.42	2	D	A	73.9	6.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.8	1.8	23.0	-24.9
8253	4460701.45	5339865.95	505.42	2	D	A	73.9	6.2	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	13.9	1.8	22.5	-27.3
8254	4460702.19	5339865.33	505.58	1	D	A	73.9	3.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.2	1.7	4.1	5.2
8255	4460700.63	5339866.65	505.24	1	D	A	73.9	2.9	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.2	1.7	4.1	4.7
8256	4460701.45	5339865.95	505.42	1	D	A	73.9	6.2	0.9	3.0	0.0	65.8	1.5	4.7	0.0	0.0	5.6	1.8	9.0	-4.2
8257	4460700.86	5339866.45	505.29	3	D	A	73.9	4.1	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	4.3	1.8	45.8	-43.0
8258	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	0.2	1.7	0.0	13.5
8260	4460702.73	5339851.51	505.12	1	D	A	73.9	5.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	13.0	1.7	21.2	-22.7
8261	4460703.98	5339853.18	505.29	1	D	A	73.9	-2.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	13.0	1.7	21.2	-31.1
8262	4460702.89	5339851.72	505.14	2	D	A	73.9	6.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.8	1.8	22.8	-24.4
8263	4460702.89	5339851.72	505.14	2	D	A	73.9	6.2	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	14.6	1.8	21.7	-26.9
8264	4460702.57	5339851.29	505.10	1	D	A	73.9	4.9	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	2.9	8.3
8266	4460703.82	5339852.96	505.27	1	D	A	73.9	0.3	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.9	3.7
8267	4460702.89	5339851.72	505.14	1	D	A	73.9	6.2	0.9	3.0	0.0	65.5	1.5	4.7	0.0	0.0	8.4	1.8	10.2	-8.0
8268	4460702.89	5339851.72	505.14	3	D	A	73.9	6.2	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	6.7	1.8	47.1	-44.3
8269	4460704.45	5339855.33	505.53	0	D	A	73.9	6.0	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	0.3	1.7	0.0	13.3
8270	4460704.45	5339855.33	505.53	1	D	A	73.9	6.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	13.0	1.7	21.2	-22.3
8271	4460704.45	5339855.33	505.53	2	D	A	73.9	6.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	12.8	1.8	22.8	-24.8
8272	4460704.45	5339855.33	505.53	2	D	A	73.9	6.0	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	14.3	1.8	22.0	-27.3
8282	4460704.45	5339855.33	505.53	1	D	A	73.9	6.0	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.9	9.2
8284	4460704.45	5339855.33	505.53	1	D	A	73.9	6.0	0.9	3.0	0.0	65.6	1.5	4.7	0.0	0.0	7.3	1.8	9.8	-6.8
8288	4460704.14	5339853.42	505.32	3	D	A	73.9	-12.8	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	7.4	1.8	46.4	-63.4

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8115	4460699.08	5339858.01	504.97	0	D	A	67.4	15.3	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	0.2	1.7	0.0	16.2
8117	4460699.08	5339858.01	504.97	1	D	A	67.4	15.3	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.1	1.7	21.1	-19.4
8118	4460701.13	5339849.54	505.01	2	D	A	67.4	12.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.8	1.8	22.7	-25.0
8119	4460697.19	5339865.84	504.94	2	D	A	67.4	12.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.7	1.8	23.0	-25.2
8120	4460701.77	5339846.87	505.02	2	D	A	67.4	10.3	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	15.0	1.8	21.3	-29.3
8121	4460697.83	5339863.17	504.95	2	D	A	67.4	13.6	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	14.1	1.8	22.3	-26.4
8129	4460699.08	5339858.01	504.97	1	D	A	67.4	15.3	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.1	1.7	4.1	10.7
8130	4460699.08	5339858.01	504.97	1	D	A	67.4	15.3	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	5.6	1.8	10.7	-3.3
8131	4460699.08	5339858.01	504.97	3	D	A	67.4	15.3	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	5.4	1.8	47.2	-40.8
8193	4460692.47	5339887.07	504.80	0	D	A	67.4	14.2	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.5	1.6	0.0	15.6
8195	4460694.35	5339878.08	504.87	1	D	A	67.4	8.9	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	13.2	1.7	20.8	-25.1
8196	4460691.67	5339890.84	504.78	1	D	A	67.4	12.6	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.2	1.7	20.7	-21.0
8197	4460692.47	5339887.07	504.80	2	D	A	67.4	14.2	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	12.7	1.8	23.1	-24.0
8198	4460692.47	5339887.07	504.80	2	D	A	67.4	14.2	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	13.5	1.8	23.1	-26.4
8200	4460692.47	5339887.07	504.80	1	D	A	67.4	14.2	0.9	3.0	0.0	64.5	1.3	4.7	0.0	0.0	0.1	1.7	6.6	6.5
8201	4460692.47	5339887.07	504.80	1	D	A	67.4	14.2	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	2.8	1.8	7.6	1.0
8202	4460693.94	5339880.02	504.86	3	D	A	67.4	10.7	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.9	1.8	14.0	-110.0
8325	4460692.35	5339914.28	504.48	0	D	A	67.4	9.8	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	1.6	1.6	0.0	11.0
8326	4460692.87	5339915.75	504.43	2	D	A	67.4	5.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	22.0	-29.5
8327	4460690.99	5339910.46	504.61	1	D	A	67.4	1.8	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.4	-31.2
8328	4460691.49	5339911.88	504.56	1	D	A	67.4	1.7	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.4	-31.2
8329	4460692.57	5339914.89	504.46	1	D	A	67.4	6.9	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	13.4	1.7	20.3	-26.0
8330	4460693.68	5339918.00	504.35	1	D	A	67.4	2.3	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	13.4	1.7	20.3	-30.5
8331	4460692.35	5339914.28	504.48	2	D	A	67.4	9.8	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	12.6	1.8	23.5	-29.0
8332	4460691.80	5339912.75	504.53	2	D	A	67.4	5.7	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.1	1.7	22.0	-29.6
8335	4460692.03	5339913.37	504.51	1	D	A	67.4	8.9	0.9	3.0	0.0	65.0	1.4	4.7	0.0	0.0	0.1	1.7	6.6	0.6
8336	4460693.64	5339917.90	504.35	1	D	A	67.4	2.8	0.9	3.0	0.0	65.1	1.4	4.7	0.0	0.0	0.1	1.8	6.7	-5.5
8337	4460692.55	5339914.83	504.46	1	D	A	67.4	8.5	0.9	3.0	0.0	62.5	1.1	4.6	0.0	0.0	0.8	1.7	14.7	-5.5
8338	4460690.26	5339904.79	504.67	0	D	A	67.4	10.0	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	1.1	1.6	0.0	11.3

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8339	4460690.03	5339902.40	504.69	1	D	A	67.4	7.1	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.3	1.7	20.5	-26.1
8340	4460690.51	5339907.36	504.65	1	D	A	67.4	6.8	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	13.3	1.7	20.4	-26.3
8341	4460690.15	5339903.64	504.68	2	D	A	67.4	8.8	0.9	3.0	0.0	66.0	1.5	4.7	0.0	0.0	12.6	1.8	23.4	-29.8
8342	4460690.62	5339908.60	504.65	2	D	A	67.4	3.6	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	12.6	1.8	23.4	-35.1
8343	4460689.99	5339901.94	504.69	3	D	A	67.4	2.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	24.1	-36.4
8344	4460690.19	5339904.09	504.68	3	D	A	67.4	4.1	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	12.8	1.8	24.1	-34.8
8347	4460690.26	5339904.79	504.67	1	D	A	67.4	10.0	0.9	3.0	0.0	64.9	1.4	4.7	0.0	0.0	0.1	1.7	6.6	1.9
8348	4460690.08	5339902.85	504.69	2	D	A	67.4	6.5	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	15.0	-9.3

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7365	4460651.00	5339837.41	505.40	0	D	A	72.2	15.7	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	0.0	1.7	0.0	21.5
7375	4460650.65	5339847.28	505.48	3	D	A	72.2	8.7	0.9	3.0	0.0	74.5	2.9	4.7	0.0	0.0	10.7	1.9	70.9	-80.7
7376	4460650.44	5339853.52	505.53	3	D	A	72.2	7.0	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	10.7	1.9	70.7	-82.2
7377	4460651.00	5339837.41	505.40	3	D	A	72.2	15.7	0.9	3.0	0.0	74.5	2.9	4.7	0.0	0.0	10.7	1.9	10.8	-213.8
7386	4460650.37	5339855.58	505.54	2	D	A	72.2	-0.6	0.9	3.0	0.0	74.0	2.8	4.7	0.0	0.0	0.0	1.9	57.8	-65.8
7441	4460786.76	5339855.48	505.13	0	D	A	72.2	1.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	0.0	6.3
7442	4460785.83	5339855.27	505.13	0	D	A	72.2	-3.5	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	0.0	1.3
7443	4460770.01	5339851.71	505.14	0	D	A	72.2	15.0	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.3	1.7	0.0	19.9
7455	4460781.82	5339854.36	505.13	1	D	A	72.2	10.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.8	1.7	21.7	-20.3
7456	4460774.25	5339852.66	505.14	1	D	A	72.2	5.9	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.8	1.7	21.6	-25.0
7457	4460771.08	5339851.95	505.14	1	D	A	72.2	4.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	21.6	-26.8
7458	4460769.58	5339851.61	505.14	1	D	A	72.2	-3.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	21.6	-34.1
7459	4460761.88	5339849.87	505.14	1	D	A	72.2	11.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	21.5	-19.0
7460	4460783.46	5339854.73	505.13	2	D	A	72.2	9.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.8	1.8	22.8	-23.2
7462	4460777.50	5339853.39	505.14	2	D	A	72.2	6.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.8	1.8	22.8	-26.3
7463	4460774.27	5339852.67	505.14	2	D	A	72.2	4.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.8	1.8	22.8	-28.1
7465	4460772.75	5339852.32	505.14	2	D	A	72.2	-3.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.9	1.8	22.8	-35.5
7466	4460763.46	5339850.23	505.14	2	D	A	72.2	12.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-19.6
7467	4460773.45	5339852.48	505.14	2	D	A	72.2	14.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	16.4	1.8	20.0	-20.1
7468	4460756.92	5339848.76	505.15	2	D	A	72.2	7.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.3	1.8	20.0	-27.5
7469	4460772.49	5339852.26	505.14	3	D	A	72.2	-8.3	0.9	3.0	0.0	73.5	2.7	4.7	0.0	0.0	11.6	1.9	90.5	-217.2
7470	4460772.33	5339852.23	505.14	3	D	A	72.2	-7.0	0.9	3.0	0.0	73.5	2.7	4.7	0.0	0.0	11.6	1.9	90.5	-215.9
7491	4460770.94	5339851.91	505.14	1	D	A	72.2	15.3	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.3	1.7	2.5	17.3
7492	4460786.92	5339855.51	505.13	1	D	A	72.2	0.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	6.4	-1.3
7493	4460783.98	5339854.85	505.13	2	D	A	72.2	6.0	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	14.7	-4.4
7494	4460756.46	5339848.65	505.15	2	D	A	72.2	6.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	12.8	1.8	97.3	-101.3
7495	4460775.61	5339852.97	505.14	1	D	A	72.2	13.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.9	1.8	7.4	-4.6
7497	4460759.08	5339849.24	505.15	1	D	A	72.2	9.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.7	1.8	7.4	-8.5
7511	4460786.86	5339855.50	505.13	2	D	A	72.2	0.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	13.2	1.8	38.1	-48.0
7512	4460657.92	5339803.74	505.26	0	D	A	72.2	15.1	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.0	1.7	0.0	20.1
7527	4460663.96	5339789.25	505.26	3	D	A	72.2	1.0	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.0	1.9	72.4	-90.7
7528	4460659.79	5339799.25	505.26	3	D	A	72.2	13.1	0.9	3.0	0.0	74.7	3.0	4.7	0.0	0.0	10.6	1.9	72.5	-78.2
7529	4460655.29	5339810.05	505.26	3	D	A	72.2	4.8	0.9	3.0	0.0	74.7	2.9	4.7	0.0	0.0	10.6	1.9	72.1	-86.1
7534	4460654.35	5339812.31	505.26	3	D	A	72.2	2.8	0.9	3.0	0.0	74.7	2.9	4.7	0.0	0.0	10.6	1.9	72.1	-88.1
7537	4460658.88	5339801.45	505.26	3	D	A	72.2	2.4	0.9	3.0	0.0	74.7	2.9	4.7	0.0	0.0	10.6	1.9	15.2	-231.6
7539	4460655.09	5339810.53	505.26	3	D	A	72.2	12.5	0.9	3.0	0.0	74.7	2.9	4.7	0.0	0.0	10.6	1.9	14.0	-220.3
7558	4460661.00	5339796.37	505.26	2	D	A	72.2	12.2	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	0.0	1.9	59.7	-55.3
7559	4460656.86	5339806.29	505.26	2	D	A	72.2	6.8	0.9	3.0	0.0	74.3	2.9	4.7	0.0	0.0	0.0	1.9	59.4	-60.3
7560	4460655.57	5339809.39	505.26	2	D	A	72.2	2.8	0.9	3.0	0.0	74.3	2.9	4.7	0.0	0.0	0.0	1.9	59.3	-64.2
7561	4460660.17	5339798.36	505.26	2	D	A	72.2	2.3	0.9	3.0	0.0	74.3	2.9	4.7	0.0	0.0	0.0	1.9	96.9	-202.3
7562	4460657.96	5339803.65	505.26	2	D	A	72.2	9.9	0.9	3.0	0.0	74.3	2.9	4.7	0.0	0.0	0.0	1.9	96.2	-194.1
7570	4460655.22	5339810.21	505.26	2	D	A	72.2	-7.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.0	1.8	34.0	-40.5
7571	4460654.83	5339811.16	505.26	2	D	A	72.2	2.7	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	34.2	-31.0
7572	4460653.06	5339815.41	505.26	2	D	A	72.2	8.7	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.2	1.8	34.7	-25.6
7573	4460664.16	5339788.80	505.26	3	D	A	72.2	-5.7	0.9	3.0	0.0	75.0	3.0	4.7	0.0	0.0	0.0	1.9	11.4	-225.6
7632	4460698.77	5339816.18	505.24	0	D	A	72.2	14.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.5	1.7	0.0	19.2
7647	4460698.77	5339816.18	505.24	1	D	A	72.2	14.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.1	1.7	21.3	-16.3
7648	4460698.77	5339816.18	505.24	2	D	A	72.2	14.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	12.6	1.8	23.5	-19.2
7654	4460698.77	5339816.18	505.24	1	D	A	72.2	14.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.1	1.7	2.9	15.1
7666	4460737.24	5339843.99	505.14	0	D	A	72.2	7.8	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.9	1.7	0.0	12.2
7667	4460732.69	5339842.70	505.15	0	D	A	72.2	5.3	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.3	1.7	0.0	10.3
7668	4460730.75	5339842.15	505.15	0	D	A	72.2	-2.0	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	12.0	1.7	0.0	-8.7
7669	4460722.95	5339839.93	505.16	0	D	A	72.2	11.9	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.8	1.7	0.0	3.5
7670	4460714.80	5339837.62	505.16	0	D	A	72.2	1.3	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	0.0	6.4
7679	4460738.18	5339844.26	505.14	1	D	A	72.2	6.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	13.2	1.7	21.3	-24.5
7680	4460739.34	5339844.58	505.14	2	D	A	72.2	2.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-29.9

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
7681	4460734.88	5339843.32	505.14	1	D	A	72.2	6.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	13.2	1.7	21.3	-24.7
7682	4460731.87	5339842.47	505.15	1	D	A	72.2	3.6	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	13.0	1.7	21.4	-27.1
7683	4460729.64	5339841.83	505.15	1	D	A	72.2	3.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	17.1	1.7	17.3	-26.9
7684	4460725.94	5339840.78	505.15	1	D	A	72.2	7.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	17.2	1.7	17.2	-23.4
7685	4460721.52	5339839.53	505.16	1	D	A	72.2	5.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	17.2	1.7	17.2	-24.8
7686	4460719.12	5339838.85	505.16	1	D	A	72.2	0.6	0.9	3.0	0.0	64.7	1.3	4.6	0.0	0.0	17.2	1.7	17.2	-30.0
7687	4460716.97	5339838.24	505.16	1	D	A	72.2	5.2	0.9	3.0	0.0	64.7	1.3	4.6	0.0	0.0	17.2	1.7	17.2	-25.4
7688	4460715.21	5339837.74	505.16	1	D	A	72.2	-4.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.0	1.7	21.4	-35.4
7689	4460714.60	5339837.57	505.17	1	D	A	72.2	-0.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.0	1.7	21.4	-30.9
7690	4460720.00	5339839.10	505.16	2	D	A	72.2	-2.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.6	1.7	20.0	-34.8
7691	4460718.11	5339838.56	505.16	2	D	A	72.2	5.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.6	1.7	19.9	-26.6
7692	4460716.31	5339838.05	505.16	2	D	A	72.2	-4.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-36.6
7693	4460715.15	5339837.72	505.16	2	D	A	72.2	3.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-28.8
7694	4460721.26	5339839.45	505.16	3	D	A	72.2	-2.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.8	1.8	21.9	-36.1
7695	4460719.33	5339838.91	505.16	3	D	A	72.2	5.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.8	1.8	21.9	-27.9
7696	4460717.50	5339838.39	505.16	3	D	A	72.2	-4.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	23.8	-37.9
7697	4460716.34	5339838.06	505.16	3	D	A	72.2	3.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	23.8	-30.2
7698	4460737.13	5339843.96	505.14	2	D	A	72.2	6.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-26.0
7699	4460734.00	5339843.07	505.14	2	D	A	72.2	3.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-28.4
7700	4460731.69	5339842.41	505.15	2	D	A	72.2	3.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.1	1.7	20.4	-28.2
7701	4460727.84	5339841.32	505.15	2	D	A	72.2	7.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.2	1.7	20.3	-24.7
7702	4460723.25	5339840.02	505.16	2	D	A	72.2	6.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.2	1.7	20.3	-26.1
7703	4460720.90	5339839.35	505.16	2	D	A	72.2	-0.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.2	1.7	20.3	-32.6
7704	4460727.99	5339841.36	505.15	3	D	A	72.2	5.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.6	1.8	22.1	-28.4
7705	4460724.51	5339840.38	505.15	3	D	A	72.2	6.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.6	1.8	22.1	-27.4
7706	4460722.12	5339839.70	505.16	3	D	A	72.2	-0.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.6	1.8	22.1	-33.8
7707	4460714.18	5339837.45	505.17	2	D	A	72.2	-12.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.0	1.7	90.3	-112.0
7708	4460737.99	5339844.20	505.14	2	D	A	72.2	6.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.2	1.8	20.0	-28.0
7709	4460733.54	5339842.94	505.15	2	D	A	72.2	6.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.3	1.8	20.0	-27.8
7710	4460730.58	5339842.10	505.15	2	D	A	72.2	1.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.3	1.8	20.0	-33.0
7711	4460727.93	5339841.35	505.15	2	D	A	72.2	6.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.3	1.8	20.0	-28.4
7712	4460725.78	5339840.74	505.15	2	D	A	72.2	-3.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.3	1.8	20.0	-38.4
7713	4460722.35	5339839.76	505.16	2	D	A	72.2	8.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.3	1.8	20.0	-26.2
7714	4460716.63	5339838.14	505.16	2	D	A	72.2	7.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.8	1.8	19.5	-27.4
7715	4460728.26	5339841.44	505.15	3	D	A	72.2	3.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	14.9	1.8	22.5	-32.0
7716	4460726.89	5339841.05	505.15	3	D	A	72.2	-3.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	14.9	1.8	22.5	-39.6
7717	4460723.41	5339840.07	505.16	3	D	A	72.2	8.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	14.9	1.8	22.5	-27.5
7718	4460717.70	5339838.45	505.16	3	D	A	72.2	7.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.1	1.8	22.3	-28.8
7722	4460718.51	5339838.68	505.16	1	D	A	72.2	5.8	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	11.8	1.7	1.0	-2.0
7724	4460715.42	5339837.80	505.16	1	D	A	72.2	4.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.3	1.7	1.0	8.0
7726	4460719.89	5339839.07	505.16	2	D	A	72.2	5.9	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	9.3	1.7	8.1	-6.8
7727	4460716.73	5339838.17	505.16	2	D	A	72.2	4.3	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	3.9	4.9
7728	4460719.82	5339839.05	505.16	3	D	A	72.2	0.1	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	7.6	1.7	11.5	-14.5
7729	4460717.99	5339838.53	505.16	3	D	A	72.2	4.5	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	6.2	2.6
7730	4460722.10	5339839.69	505.16	3	D	A	72.2	5.1	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	7.1	1.7	11.3	-8.9
7732	4460728.72	5339841.57	505.15	3	D	A	72.2	5.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.7	1.8	15.5	-21.3
7733	4460738.52	5339844.35	505.14	1	D	A	72.2	5.3	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.3	1.7	2.5	7.4
7734	4460735.16	5339843.40	505.14	1	D	A	72.2	5.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.3	1.7	2.5	7.6
7735	4460733.13	5339842.82	505.15	1	D	A	72.2	-1.8	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	9.3	1.7	5.9	-12.0
7736	4460726.69	5339841.00	505.15	1	D	A	72.2	11.0	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	10.7	1.7	6.1	-0.9
7737	4460725.77	5339840.74	505.15	2	D	A	72.2	9.0	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	8.7	1.7	8.0	-3.0
7738	4460727.78	5339841.31	505.15	3	D	A	72.2	9.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	6.7	1.7	11.1	-4.2
7739	4460733.81	5339843.01	505.14	1	D	A	72.2	11.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	13.7	1.8	7.4	-6.9
7740	4460721.04	5339839.39	505.16	1	D	A	72.2	11.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	13.8	1.8	7.4	-7.0
7741	4460714.39	5339837.51	505.17	1	D	A	72.2	-3.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	14.1	1.8	7.6	-21.8
7742	4460729.09	5339841.68	505.15	2	D	A	72.2	-1.0	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	10.2	1.8	11.3	-19.7
7743	4460722.19	5339839.72	505.16	2	D	A	72.2	11.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	10.1	1.8	11.3	-7.3
7744	4460715.49	5339837.82	505.16	2	D	A	72.2	-4.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	9.7	1.8	11.5	-22.6
7745	4460718.42	5339838.65	505.16	3	D	A	72.2	5.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	8.1	1.8	11.8	-11.8
7746	4460716.47	5339838.10	505.16	3	D	A	72.2	-4.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	7.2	1.8	11.8	-20.5
7747	4460730.89	5339842.19	505.15	3	D	A	72.2	-0.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	7.2	1.8	11.5	-17.1
7748	4460725.44	5339840.64	505.15	3	D	A	72.2	10.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	7.2	1.8	11.5	-6.0
7749	4460732.65	5339842.69	505.15	3	D	A	72.2	11.9	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	13.4	1.8	16.0	-16.6
7751	4460724.92																			

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7921	4460816.28	5339863.68	505.11	0	D	A	72.2	7.6	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	10.8	1.7	0.0	1.5
7922	4460812.73	5339862.25	505.12	0	D	A	72.2	2.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	10.4	1.7	0.0	-2.8
7923	4460810.82	5339861.47	505.13	0	D	A	72.2	3.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	10.5	1.7	0.0	-2.3
7924	4460806.27	5339859.64	505.14	0	D	A	72.2	8.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	10.7	1.7	0.0	2.9
7927	4460815.43	5339863.34	505.12	2	D	A	72.2	9.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	16.3	1.8	20.1	-25.6
7929	4460807.34	5339860.07	505.14	2	D	A	72.2	9.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	16.6	1.8	19.8	-25.4
7930	4460802.98	5339858.31	505.15	2	D	A	72.2	-2.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	16.7	1.8	19.7	-37.7
7932	4460807.65	5339860.20	505.14	3	D	A	72.2	5.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	22.5	-30.6
7933	4460804.52	5339858.93	505.15	3	D	A	72.2	5.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	14.9	1.8	22.6	-31.1
7935	4460802.90	5339858.28	505.15	3	D	A	72.2	-4.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	14.9	1.8	22.6	-40.9
7937	4460820.54	5339865.40	505.10	3	D	A	72.2	2.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	15.1	1.8	22.4	-33.7
7938	4460816.77	5339863.88	505.11	3	D	A	72.2	8.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	15.1	1.8	22.4	-28.1
7939	4460812.90	5339862.31	505.12	3	D	A	72.2	3.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	22.5	-33.2
7940	4460810.63	5339861.40	505.13	3	D	A	72.2	4.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	22.5	-31.5
7947	4460820.57	5339865.41	505.10	1	D	A	72.2	5.9	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	6.1	1.7	6.2	-2.1
7948	4460817.73	5339864.26	505.11	1	D	A	72.2	3.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	6.5	1.7	6.4	-5.1
7949	4460815.81	5339863.49	505.11	1	D	A	72.2	2.9	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	6.6	1.7	6.2	-5.5
7950	4460814.64	5339863.02	505.12	1	D	A	72.2	-2.5	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	7.4	1.7	6.8	-12.2
7951	4460808.56	5339860.56	505.13	1	D	A	72.2	11.0	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	7.8	1.7	7.0	0.8
7952	4460807.53	5339860.15	505.14	2	D	A	72.2	6.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.9	1.7	8.5	-3.4
7953	4460804.04	5339858.74	505.15	2	D	A	72.2	4.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.7	1.7	8.3	-5.3
7954	4460811.67	5339861.82	505.13	3	D	A	72.2	7.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.5	1.7	11.4	-4.6
7955	4460806.82	5339859.86	505.14	3	D	A	72.2	7.1	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	4.3	1.7	11.2	-4.4
7956	4460803.60	5339858.56	505.15	3	D	A	72.2	2.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	6.2	0.3
7957	4460821.89	5339865.94	505.10	2	D	A	72.2	0.4	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	4.9	1.7	7.7	-8.0
7958	4460820.45	5339865.36	505.10	2	D	A	72.2	3.1	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.4	1.7	8.1	-6.2
7959	4460819.29	5339864.89	505.10	2	D	A	72.2	-3.2	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.0	1.7	7.6	-11.6
7960	4460818.45	5339864.55	505.11	2	D	A	72.2	1.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.5	1.7	8.1	-8.1
7961	4460817.58	5339864.20	505.11	2	D	A	72.2	-2.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.9	1.7	8.5	-13.1
7962	4460815.34	5339863.30	505.12	2	D	A	72.2	6.3	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	6.0	1.7	8.6	-4.1
7963	4460811.52	5339861.76	505.13	2	D	A	72.2	5.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	6.0	1.7	8.6	-4.4
7964	4460820.27	5339865.29	505.10	3	D	A	72.2	6.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.3	1.7	11.2	-5.1
7965	4460816.69	5339863.84	505.11	3	D	A	72.2	5.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.4	1.7	11.3	-6.8
7966	4460814.63	5339863.01	505.12	3	D	A	72.2	1.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.4	1.7	11.3	-10.7
7967	4460811.99	5339861.95	505.12	2	D	A	72.2	2.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.4	1.8	22.5	-30.5
7968	4460808.80	5339860.66	505.13	3	D	A	72.2	3.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.5	1.8	27.1	-31.0
7969	4460819.19	5339864.85	505.10	1	D	A	72.2	8.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	12.8	1.8	7.9	-9.7
7970	4460815.71	5339863.45	505.11	1	D	A	72.2	-2.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	13.1	1.8	7.8	-20.6
7971	4460813.24	5339862.45	505.12	1	D	A	72.2	6.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	13.9	1.8	7.4	-11.9
7973	4460806.90	5339859.89	505.14	1	D	A	72.2	9.5	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	14.3	1.8	7.3	-9.4
7974	4460807.61	5339860.18	505.14	2	D	A	72.2	6.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.3	1.8	11.3	-13.1
7975	4460804.25	5339858.83	505.15	2	D	A	72.2	5.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.2	1.8	11.3	-13.8
7976	4460811.05	5339861.57	505.13	3	D	A	72.2	6.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	7.6	1.8	11.7	-10.6
7977	4460805.87	5339859.48	505.14	3	D	A	72.2	8.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	7.7	1.8	11.7	-8.8
7978	4460820.36	5339865.32	505.10	3	D	A	72.2	6.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	13.3	1.8	16.2	-22.3
7979	4460814.09	5339862.79	505.12	2	D	A	72.2	4.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.3	1.8	14.9	-21.2
7980	4460811.25	5339861.65	505.13	3	D	A	72.2	4.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.6	1.8	27.1	-29.9
7981	4460809.83	5339861.08	505.13	3	D	A	72.2	-5.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.5	1.8	27.1	-40.0
7982	4460819.17	5339864.85	505.10	2	D	A	72.2	-2.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	12.8	1.8	11.7	-24.8
7983	4460817.14	5339864.03	505.11	2	D	A	72.2	5.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.1	1.8	15.1	-19.7
7984	4460816.74	5339863.86	505.11	3	D	A	72.2	-2.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.7	1.8	16.9	-26.6
7985	4460814.49	5339862.96	505.12	3	D	A	72.2	6.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.7	1.8	16.8	-17.8
7986	4460820.94	5339865.56	505.10	2	D	A	72.2	4.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.9	1.8	11.6	-14.1
7987	4460818.93	5339864.75	505.11	2	D	A	72.2	0.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.8	1.8	11.6	-18.1
7988	4460818.10	5339864.41	505.11	2	D	A	72.2	-2.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.8	1.8	11.6	-21.5
7989	4460815.78	5339863.48	505.11	2	D	A	72.2	6.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.6	1.8	11.4	-13.0
7990	4460813.08	5339862.39	505.12	2	D	A	72.2	1.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.5	1.8	11.3	-18.0
7991	4460810.94	5339861.52	505.13	2	D	A	72.2	5.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.4	1.8	11.3	-14.1
7992	4460822.36	5339866.13	505.10	3	D	A	72.2	-11.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	6.2	1.8	11.4	-26.7
7993	4460820.02	5339865.19	505.10	3	D	A	72.2	7.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.3	1.8	11.6	-9.8
7994	4460817.02	5339863.98	505.11	3	D	A	72.2	1.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.4	1.8	11.6	-15.1
7995	4460816.31	5339863.69	505.11	3	D	A	72.2	-16.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.4	1.8	11.7	-33.1
7996	4460814.64	5339863.02	505.12	3	D	A	72.2	5.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.5	1.8	11.7	-11.4
8045	4460749.21	5339846.96	505.14	0	D	A	72.													

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A)
8054	4460742.61	5339845.40	505.14	2	D	A	72.2	7.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.9	1.7	22.7	-25.2
8055	4460753.04	5339847.87	505.15	2	D	A	72.2	4.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.2	1.8	20.0	-30.1
8056	4460750.03	5339847.15	505.14	2	D	A	72.2	6.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.2	1.8	20.1	-27.7
8057	4460746.31	5339846.27	505.14	2	D	A	72.2	4.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.2	1.8	20.1	-30.1
8059	4460743.55	5339845.62	505.14	2	D	A	72.2	4.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.2	1.8	20.1	-30.0
8060	4460741.15	5339845.05	505.14	2	D	A	72.2	3.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.2	1.8	20.1	-31.5
8064	4460750.70	5339847.31	505.15	1	D	A	72.2	8.8	0.9	3.0	0.0	63.7	1.3	4.6	0.0	0.0	0.3	1.7	2.5	10.9
8065	4460743.57	5339845.62	505.14	1	D	A	72.2	8.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.3	1.7	2.5	10.5
8066	4460754.13	5339848.13	505.15	2	D	A	72.2	-2.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	12.8	1.8	97.4	-110.0
8067	4460752.94	5339847.84	505.15	1	D	A	72.2	4.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.7	1.8	7.4	-13.4
8068	4460749.38	5339847.00	505.14	1	D	A	72.2	6.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.7	1.8	7.4	-11.9
8069	4460746.90	5339846.41	505.14	1	D	A	72.2	-0.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.7	1.8	7.4	-19.1
8070	4460743.34	5339845.57	505.14	1	D	A	72.2	8.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	13.6	1.8	7.4	-10.0
8071	4460741.37	5339845.10	505.14	3	D	A	72.2	-0.2	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	13.4	1.8	16.0	-28.7
8072	4460740.53	5339844.91	505.14	3	D	A	72.2	-1.1	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	13.4	1.8	16.1	-29.7
8073	4460798.02	5339857.42	505.15	0	D	A	72.2	9.8	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	8.9	1.7	0.0	5.8
8074	4460790.38	5339856.13	505.14	0	D	A	72.2	7.7	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	0.0	12.4
8080	4460789.91	5339856.05	505.13	1	D	A	72.2	7.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.8	1.7	21.7	-24.1
8081	4460791.59	5339856.33	505.14	2	D	A	72.2	9.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.8	1.8	22.9	-23.2
8082	4460795.95	5339857.07	505.14	3	D	A	72.2	7.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	12.7	1.8	24.0	-26.1
8083	4460801.44	5339858.00	505.15	2	D	A	72.2	4.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	16.7	1.8	19.7	-30.6
8084	4460797.84	5339857.39	505.14	2	D	A	72.2	6.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	16.6	1.8	19.7	-28.1
8085	4460794.01	5339856.74	505.14	2	D	A	72.2	4.9	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	16.5	1.8	19.8	-29.9
8086	4460792.21	5339856.44	505.14	2	D	A	72.2	-2.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	16.5	1.8	19.8	-37.2
8087	4460789.70	5339856.01	505.13	2	D	A	72.2	6.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	16.5	1.8	19.9	-28.2
8088	4460800.46	5339857.83	505.15	3	D	A	72.2	6.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	14.9	1.8	22.5	-29.5
8089	4460796.57	5339857.17	505.14	3	D	A	72.2	5.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	22.5	-30.9
8090	4460794.66	5339856.85	505.14	3	D	A	72.2	-2.2	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	22.5	-38.3
8091	4460793.59	5339856.67	505.14	3	D	A	72.2	2.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	22.5	-34.1
8095	4460788.74	5339855.85	505.13	1	D	A	72.2	4.1	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	6.4	2.4
8096	4460797.79	5339857.38	505.14	2	D	A	72.2	1.7	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.8	1.8	22.1	-31.7
8097	4460793.80	5339856.71	505.14	3	D	A	72.2	1.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.4	1.8	43.1	-48.7
8098	4460796.72	5339857.20	505.14	2	D	A	72.2	-0.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.8	1.8	37.4	-49.5
8099	4460795.04	5339856.91	505.14	2	D	A	72.2	4.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	13.7	1.8	37.5	-44.6
8100	4460793.15	5339856.60	505.14	2	D	A	72.2	0.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	13.4	1.8	37.8	-47.9
8101	4460792.78	5339856.53	505.14	3	D	A	72.2	-1.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.4	1.8	43.1	-51.3
8102	4460791.16	5339856.26	505.14	3	D	A	72.2	3.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.5	1.8	43.1	-46.4
8103	4460789.86	5339856.04	505.13	3	D	A	72.2	-7.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.3	1.8	43.3	-58.1
8104	4460790.05	5339856.07	505.13	2	D	A	72.2	7.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	13.3	1.8	38.0	-41.6
8105	4460799.94	5339857.74	505.15	1	D	A	72.2	7.5	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	7.7	1.7	1.0	3.4
8106	4460793.57	5339856.67	505.14	1	D	A	72.2	8.6	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.5	10.5
8107	4460789.77	5339856.03	505.13	1	D	A	72.2	-3.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.5	-1.5
8108	4460788.51	5339855.81	505.13	1	D	A	72.2	3.3	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.5	5.2
8109	4460801.81	5339858.06	505.15	2	D	A	72.2	2.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.1	1.7	7.2	-5.2
8110	4460797.06	5339857.26	505.14	2	D	A	72.2	8.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.2	1.7	3.9	9.1
8111	4460799.86	5339857.73	505.15	3	D	A	72.2	7.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	6.2	5.4
8112	4460795.10	5339856.93	505.14	1	D	A	72.2	11.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	14.3	1.8	7.3	-7.0
8113	4460797.85	5339857.39	505.14	2	D	A	72.2	10.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.3	1.8	11.3	-9.1
8114	4460799.42	5339857.65	505.15	3	D	A	72.2	8.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	7.7	1.8	11.7	-8.9
8158	4460703.24	5339840.89	505.06	0	D	A	72.2	-9.4	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	0.0	-4.1
8159	4460699.49	5339835.89	505.12	0	D	A	72.2	10.9	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.3	1.7	0.0	16.0
8164	4460702.21	5339839.52	505.07	1	D	A	72.2	5.5	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.0	1.7	21.4	-24.9
8165	4460698.46	5339834.52	505.14	1	D	A	72.2	9.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.1	1.7	21.2	-21.0
8166	4460702.80	5339840.30	505.06	2	D	A	72.2	2.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-30.0
8167	4460700.41	5339837.11	505.11	2	D	A	72.2	8.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.0	1.7	22.5	-24.0
8168	4460703.01	5339840.58	505.06	2	D	A	72.2	-0.5	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	15.7	1.8	20.5	-35.1
8169	4460700.58	5339837.35	505.10	2	D	A	72.2	8.6	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	16.1	1.8	20.1	-26.0
8170	4460697.10	5339832.71	505.16	2	D	A	72.2	6.5	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	12.6	1.8	23.6	-28.0
8171	4460700.90	5339837.78	505.10	1	D	A	72.2	9.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	2.5	11.3
8172	4460703.21	5339840.85	505.06	3	D	A	72.2	-6.5	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	0.0	1.9	98.9	-213.2
8173	4460703.25	5339840.91	505.06	1	D	A	72.2	-11.0	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	11.5	1.8	7.9	-27.5
8174	4460700.84	5339837.69	505.10	1	D	A	72.2	9.0	0.9	3.0	0.0	65.3	1.4	4.7	0.0	0.0	10.1	1.8	9.5	-7.7
8175	4460697.11	5339832.72	505.16	1	D	A	72.2	6.5	0.9	3.0	0.0	65.3	1.4	4.7	0.0	0.0	0.1	1.8	2.9	6.5
8176	4460702.62	5339840.07	50																	

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8214	4460706.83	5339839.80	505.09	2	D	A	72.2	8.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.9	1.7	22.6	-23.3
8215	4460713.66	5339837.60	505.16	2	D	A	72.2	0.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.2	1.7	90.0	-99.4
8216	4460713.34	5339837.70	505.16	2	D	A	72.2	2.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.7	1.8	19.6	-32.2
8217	4460711.12	5339838.41	505.13	2	D	A	72.2	4.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	16.4	1.8	19.8	-29.9
8218	4460706.50	5339839.90	505.09	2	D	A	72.2	8.3	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	15.9	1.8	20.3	-26.3
8219	4460709.79	5339838.84	505.12	1	D	A	72.2	9.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.3	1.7	2.5	11.8
8220	4460704.36	5339840.59	505.07	1	D	A	72.2	3.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	2.5	5.8
8221	4460713.54	5339837.64	505.16	1	D	A	72.2	0.9	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	1.9	1.7	82.9	-78.6
8222	4460708.71	5339839.19	505.11	1	D	A	72.2	10.6	0.9	3.0	0.0	65.3	1.4	4.7	0.0	0.0	12.8	1.8	7.8	-7.1
8223	4460705.00	5339840.38	505.07	3	D	A	72.2	5.6	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	9.9	1.8	43.5	-46.1
8289	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.1	1.7	0.0	13.2
8304	4460699.54	5339794.53	505.44	0	D	A	72.2	8.0	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	0.0	12.3
8307	4460699.54	5339794.53	505.44	1	D	A	72.2	8.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	12.8	1.8	21.9	-23.6
8308	4460700.93	5339797.25	505.39	2	D	A	72.2	-6.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	12.7	1.8	23.3	-39.7
8310	4460700.95	5339797.30	505.39	1	D	A	72.2	-8.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	2.5	-7.3
8349	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.0	1.7	0.0	11.8
8354	4460665.65	5339787.57	505.28	3	D	A	72.2	-10.5	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.0	1.9	72.4	-102.3
8355	4460665.58	5339787.63	505.28	3	D	A	72.2	-10.4	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.0	1.9	72.4	-102.2
8356	4460665.19	5339787.92	505.27	3	D	A	72.2	-0.6	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.1	1.9	72.4	-92.4
8357	4460664.66	5339788.33	505.26	3	D	A	72.2	-3.1	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.1	1.9	72.4	-94.9
8358	4460664.44	5339788.50	505.26	3	D	A	72.2	-12.0	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.0	1.9	72.4	-103.8
8360	4460664.31	5339788.59	505.26	3	D	A	72.2	-5.9	0.9	3.0	0.0	74.8	3.0	4.7	0.0	0.0	11.0	1.9	72.4	-97.6
8362	4460666.14	5339787.20	505.29	2	D	A	72.2	-12.6	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	0.0	1.9	60.0	-80.5
8363	4460665.90	5339787.38	505.29	2	D	A	72.2	-2.6	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	0.0	1.9	60.0	-70.5
8364	4460665.12	5339787.97	505.27	2	D	A	72.2	1.5	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	0.0	1.9	60.0	-66.4
8365	4460664.38	5339788.54	505.26	2	D	A	72.2	-3.6	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	0.0	1.9	60.0	-71.4
8367	4460664.24	5339788.65	505.26	3	D	A	72.2	-10.9	0.9	3.0	0.0	75.0	3.0	4.7	0.0	0.0	0.0	1.9	11.4	-230.8
8379	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	0.0	10.6
8382	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	12.8	1.8	21.8	-25.3
8384	4460701.38	5339799.40	505.34	2	D	A	72.2	6.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	12.7	1.8	23.3	-27.4
8386	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.1	1.7	2.5	7.2
8392	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	12.3	1.7	0.0	-2.5
8395	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.8	1.7	6.0	-2.4
8396	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.2	1.7	8.0	-3.8
8397	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.2	1.7	11.0	-6.3
8398	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	12.0	1.8	7.9	-12.2
8399	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	12.5	1.8	16.9	-23.7
8400	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.5	1.8	11.7	-14.6
8401	4460822.06	5339867.89	505.08	3	D	A	72.2	4.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.0	1.8	11.5	-11.7
8402	4460822.36	5339866.29	505.09	3	D	A	72.2	-5.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	6.1	1.8	11.4	-20.6

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1778	4460869.06	5340023.65	504.02	0	D	A	73.9	10.4	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	5.1	1.7	0.0	13.6
1779	4460859.51	5340026.29	504.03	0	D	A	73.9	9.5	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	5.8	1.6	0.0	12.3
1780	4460847.14	5340029.72	504.05	0	D	A	73.9	12.3	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	6.5	1.6	0.0	14.7
1781	4460821.53	5340036.82	504.08	0	D	A	73.9	15.6	0.9	3.0	0.0	61.0	1.0	4.5	0.0	0.0	7.6	1.6	0.0	17.8
1783	4460796.93	5340043.64	504.10	0	D	A	73.9	11.7	0.9	3.0	0.0	60.3	0.9	4.5	0.0	0.0	8.2	1.6	0.0	14.0
1784	4460775.33	5340049.63	504.13	0	D	A	73.9	14.8	0.9	3.0	0.0	59.7	0.9	4.5	0.0	0.0	7.5	1.5	0.0	18.6
1786	4460748.56	5340057.05	504.16	0	D	A	73.9	14.1	0.9	3.0	0.0	58.8	0.8	4.4	0.0	0.0	0.4	1.5	0.0	26.0
1795	4460741.92	5340058.89	504.16	2	D	A	73.9	10.7	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	13.3	1.7	78.1	-72.9
1807	4460742.56	5340058.71	504.16	2	D	A	73.9	-0.2	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	12.4	1.6	21.7	-24.6
1808	4460736.45	5340060.40	504.17	1	D	A	73.9	-5.2	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	13.5	1.6	30.4	-40.1
1816	4460874.04	5340022.27	504.02	1	D	A	73.9	-2.3	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	12.6	1.7	21.6	-30.2
1817	4460753.65	5340055.64	504.15	3	D	A	73.9	1.0	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	12.6	1.7	23.5	-28.8
1818	4460752.96	5340055.83	504.15	3	D	A	73.9	-7.7	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	9.5	1.7	26.6	-37.5
1853	4460739.08	5340059.67	504.17	1	D	A	73.9	7.6	0.9	3.0	0.0	58.8	0.8	4.4	0.0	0.0	0.4	1.5	2.3	17.2
1986	4460676.67	5340084.44	504.38	0	D	A	73.9	13.3	0.9	3.0	0.0	55.9	0.6	4.2	0.0	0.0	1.2	1.3	0.0	27.9
1987	4460706.22	5340091.98	504.26	0	D	A	73.9	16.0	0.9	3.0	0.0	56.6	0.7	4.2	0.0	0.0	0.7	1.3	0.0	30.3
1989	4460727.92	5340097.52	504.17	0	D	A	73.9	7.0	0.9	3.0	0.0	57.2	0.7	4.3	0.0	0.0	4.3	1.4	0.0	17.0
1991	4460731.99	5340098.56	504.16	0	D	A	73.9	5.4	0.9	3.0	0.0	57.3	0.7	4.3	0.0	0.0	5.9	1.4	0.0	13.6
1996	4460691.98	5340088.34	504.32	2	D	A	73.9	7.5	0.9	3.0	0.0	61.1	1.0	4.4	0.0	0.0	9.9	1.6	75.0	-67.8
1997	4460683.84	5340086.27	504.35	2	D	A	73.9	8.3	0.9	3.0	0.0	60.9	1.0	4.4	0.0	0.0	9.9	1.6	74.3	-66.1
1998	4460687.62	5340087.23	504.34	2	D	A	73.9	0.0	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	9.9	1.6	74.7	-74.8
1999	4460688.70	5340087.51	504.33	2	D	A	73.9	0.9	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	9.9	1.6	74.8	-74.0
2001	4460680.02	5340085.29	504.37	2	D	A	73.9	12.2	0.9	3.0	0.0	61.3	1.0	4.4	0.0	0.0	12.3	1.6	73.3	-63.9
2002	4460666.91	5340081.95	504.42	2	D	A	73.9	0.3	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	12.4	1.6	72.2	-74.5

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2003	4460668.15	5340082.26	504.42	2	D	A	73.9	1.8	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	12.4	1.6	72.3	-73.2
2005	4460669.45	5340082.60	504.41	3	D	A	73.9	-4.7	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	13.1	1.7	84.8	-95.8
2006	4460669.86	5340082.70	504.41	3	D	A	73.9	-2.9	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	13.1	1.7	84.8	-94.0
2007	4460672.71	5340083.43	504.40	3	D	A	73.9	7.3	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	13.0	1.7	85.0	-84.0
2008	4460675.35	5340084.10	504.39	3	D	A	73.9	-10.4	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	13.0	1.7	85.2	-101.9
2009	4460675.79	5340084.21	504.38	3	D	A	73.9	-0.9	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	13.0	1.7	85.3	-92.5
2010	4460689.43	5340087.70	504.33	3	D	A	73.9	6.4	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.1	1.7	90.5	-91.5
2011	4460693.11	5340088.63	504.31	3	D	A	73.9	5.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.1	1.7	90.7	-93.2
2012	4460695.72	5340089.30	504.30	3	D	A	73.9	3.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.1	1.7	90.9	-95.0
2013	4460697.21	5340089.68	504.30	3	D	A	73.9	-0.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.1	1.7	91.0	-99.0
2022	4460670.57	5340082.88	504.41	2	D	A	73.9	9.4	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	13.5	1.6	20.7	-15.5
2024	4460674.90	5340083.99	504.39	2	D	A	73.9	-4.9	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	13.4	1.6	20.8	-29.9
2025	4460675.90	5340084.24	504.38	2	D	A	73.9	2.4	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	13.2	1.6	21.0	-22.5
2027	4460707.60	5340092.33	504.26	3	D	A	73.9	-2.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	12.7	1.8	43.3	-56.5
2029	4460709.50	5340092.82	504.25	3	D	A	73.9	5.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	12.3	1.8	43.8	-48.6
2031	4460713.40	5340093.81	504.23	3	D	A	73.9	6.7	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	12.8	1.8	43.3	-47.2
2032	4460704.53	5340091.55	504.27	3	D	A	73.9	9.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	12.7	1.8	43.3	-44.6
2033	4460708.95	5340092.68	504.25	3	D	A	73.9	-4.0	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	12.3	1.8	43.9	-58.0
2034	4460709.26	5340092.76	504.25	3	D	A	73.9	-6.0	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	12.5	1.8	43.6	-60.0
2035	4460681.43	5340085.65	504.36	3	D	A	73.9	9.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	9.5	1.8	47.9	-46.5
2036	4460669.99	5340082.73	504.41	3	D	A	73.9	-1.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	9.5	1.8	47.9	-57.6
2037	4460674.10	5340083.78	504.39	3	D	A	73.9	8.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	9.5	1.8	47.9	-46.9
2038	4460668.71	5340082.41	504.41	3	D	A	73.9	1.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	12.4	1.8	46.0	-55.7
2041	4460669.76	5340082.67	504.41	3	D	A	73.9	-1.4	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	12.4	1.8	46.0	-58.8
2042	4460673.53	5340083.64	504.39	3	D	A	73.9	8.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	12.4	1.8	45.9	-48.8
2048	4460721.18	5340095.80	504.20	1	D	A	73.9	-0.4	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	12.6	1.5	20.1	-21.8
2049	4460692.41	5340088.46	504.32	2	D	A	73.9	9.8	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	13.6	1.6	20.2	-13.0
2050	4460697.50	5340089.75	504.30	2	D	A	73.9	-0.6	0.9	3.0	0.0	59.9	0.9	4.4	0.0	0.0	12.6	1.5	21.2	-23.3
2051	4460697.67	5340089.80	504.30	1	D	A	73.9	6.9	0.9	3.0	0.0	60.4	0.9	4.4	0.0	0.0	13.7	1.6	28.9	-25.2
2052	4460701.90	5340090.88	504.28	1	D	A	73.9	5.8	0.9	3.0	0.0	60.4	0.9	4.4	0.0	0.0	13.6	1.6	29.1	-26.4
2053	4460708.65	5340092.60	504.25	1	D	A	73.9	10.0	0.9	3.0	0.0	60.5	0.9	4.4	0.0	0.0	13.6	1.6	29.2	-22.3
2071	4460667.24	5340082.03	504.42	1	D	A	73.9	2.4	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	1.5	1.5	7.3	5.2
2072	4460673.96	5340083.75	504.39	1	D	A	73.9	10.8	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	0.5	1.5	6.1	15.7
2073	4460711.53	5340093.34	504.24	2	D	A	73.9	-4.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	32.6	-34.4
2074	4460712.01	5340093.46	504.24	2	D	A	73.9	-1.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	32.6	-31.4
2075	4460714.23	5340094.03	504.23	2	D	A	73.9	5.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	32.7	-23.6
2076	4460702.66	5340091.07	504.28	3	D	A	73.9	0.2	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.1	1.8	33.7	-30.5
2077	4460704.53	5340091.55	504.27	3	D	A	73.9	4.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.1	1.8	33.7	-26.2
2078	4460708.04	5340092.45	504.25	2	D	A	73.9	9.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	32.6	-20.3
2079	4460712.37	5340093.55	504.24	2	D	A	73.9	-2.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	32.7	-32.4
2080	4460712.87	5340093.68	504.23	2	D	A	73.9	-3.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.1	1.8	32.7	-32.8
2081	4460713.25	5340093.78	504.23	2	D	A	73.9	-5.2	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	32.9	-35.1
2082	4460686.30	5340086.90	504.34	2	D	A	73.9	9.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	33.8	-22.3
2084	4460690.53	5340087.98	504.33	2	D	A	73.9	-2.7	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.6	1.8	36.6	-37.4
2087	4460674.64	5340083.92	504.39	2	D	A	73.9	-2.7	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	33.9	-34.2
2091	4460678.89	5340085.00	504.37	2	D	A	73.9	9.2	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	33.9	-22.3
2096	4460666.42	5340081.82	504.42	2	D	A	73.9	-11.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	34.9	-44.6
2098	4460668.73	5340082.41	504.41	2	D	A	73.9	6.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-8.0
2099	4460671.18	5340083.04	504.40	2	D	A	73.9	-4.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-19.1
2100	4460671.47	5340083.11	504.40	2	D	A	73.9	-6.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-21.1
2101	4460672.16	5340083.29	504.40	2	D	A	73.9	0.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.6	-14.0
2102	4460673.84	5340083.72	504.39	2	D	A	73.9	3.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.6	-11.1
2103	4460675.38	5340084.11	504.39	2	D	A	73.9	-0.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.6	-15.3
2104	4460678.56	5340084.92	504.37	2	D	A	73.9	7.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.6	-7.2
2105	4460681.48	5340085.67	504.36	2	D	A	73.9	-4.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.6	-19.1
2106	4460670.63	5340082.90	504.41	3	D	A	73.9	8.6	0.9	3.0	0.0	60.3	0.9	4.5	0.0	0.0	0.3	1.6	24.1	-5.2
2107	4460666.83	5340081.93	504.42	1	D	A	73.9	-0.4	0.9	3.0	0.0	57.8	0.7	4.3	0.0	0.0	0.0	1.4	11.5	1.6
2108	4460716.35	5340094.57	504.22	2	D	A	73.9	-6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	91.7	-94.1
2109	4460701.84	5340090.86	504.28	3	D	A	73.9	-0.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.0	1.8	93.2	-89.8
2110	4460703.16	5340091.20	504.27	3	D	A	73.9	2.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	93.1	-86.7
2111	4460704.76	5340091.61	504.27	3	D	A	73.9	1.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	93.0	-87.6
2112	4460710.61	5340093.10	504.24	2	D	A	73.9	6.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	91.9	-81.6
2113	4460714.71	5340094.15	504.23	2	D	A	73.9	6.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	92.0	-82.0
2115	4460704.14	5340091.45																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2121	4460686.82	5340087.03	504.34	1	D	A	73.9	8.9	0.9	3.0	0.0	57.6	0.7	4.3	0.0	0.0	0.5	1.4	3.7	18.5
2238	4460636.03	5339993.45	504.74	0	D	A	73.9	19.0	0.9	3.0	0.0	58.6	0.8	4.4	0.0	0.0	0.2	1.5	0.0	31.5
2277	4460634.53	5340009.25	504.68	1	D	A	73.9	16.8	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	12.8	1.6	20.1	-5.4
2282	4460638.61	5339966.31	504.85	3	D	A	73.9	14.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.6	1.8	01.1	-95.7
2284	4460638.71	5339965.18	504.86	3	D	A	73.9	7.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.6	1.8	01.2	-102.7
2286	4460636.22	5339991.49	504.75	3	D	A	73.9	16.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	11.8	1.8	98.9	-89.6
2288	4460633.12	5340024.21	504.62	3	D	A	73.9	12.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.0	1.8	39.0	-33.3
2331	4460636.03	5339993.45	504.74	2	D	A	73.9	19.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.1	1.7	28.3	-3.5
2335	4460636.03	5339993.45	504.74	2	D	A	73.9	19.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	36.3	-16.0
2339	4460636.39	5339993.48	504.74	0	D	A	73.9	19.0	0.9	3.0	0.0	58.6	0.8	4.4	0.0	0.0	0.2	1.5	0.0	31.4
2404	4460634.65	5340011.95	504.67	1	D	A	73.9	16.3	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	12.8	1.6	20.0	-5.8
2406	4460636.99	5339987.07	504.77	1	D	A	73.9	8.5	0.9	3.0	0.0	61.0	1.0	4.5	0.0	0.0	12.7	1.6	20.3	-14.6
2410	4460638.58	5339970.15	504.84	3	D	A	73.9	15.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	12.6	1.8	00.6	-94.0
2412	4460633.10	5340028.48	504.61	3	D	A	73.9	9.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.0	1.7	38.8	-35.9
2415	4460635.79	5339999.81	504.72	3	D	A	73.9	16.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	11.9	1.8	39.8	-30.3
2416	4460638.28	5339973.28	504.82	3	D	A	73.9	7.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	12.6	1.8	00.2	-101.5
2437	4460636.39	5339993.48	504.74	2	D	A	73.9	19.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.1	1.7	28.3	-3.5
2439	4460636.39	5339993.48	504.74	2	D	A	73.9	19.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	36.3	-16.0
2597	4460897.94	5340060.21	503.96	0	D	A	73.9	21.4	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	0.8	1.7	0.0	28.8
2598	4460970.32	5340010.75	504.06	0	D	A	73.9	15.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.1	1.7	0.0	21.8
2783	4460890.06	5340065.59	503.95	1	D	A	73.9	20.7	0.9	3.0	0.0	63.7	1.3	4.5	0.0	0.0	12.6	1.7	14.3	0.4
2784	4460961.37	5340016.86	504.05	1	D	A	73.9	17.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	9.2	1.8	25.5	-12.6
2785	4460985.17	5340000.60	504.08	1	D	A	73.9	4.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.1	1.8	25.8	-26.6
2790	4460863.95	5340083.43	503.91	1	D	A	73.9	17.4	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	12.4	1.7	21.6	-10.0
2792	4460896.70	5340061.06	503.96	1	D	A	73.9	14.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	12.3	1.7	22.0	-14.6
2793	4460938.80	5340032.29	504.02	1	D	A	73.9	18.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.1	1.8	37.4	-25.9
2794	4460978.45	5340005.19	504.07	1	D	A	73.9	12.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	12.0	1.8	39.0	-34.4
2896	4460720.35	5340063.83	504.27	0	D	A	73.9	15.1	0.9	3.0	0.0	57.9	0.8	4.3	0.0	0.0	0.3	1.4	0.0	28.3
2900	4460693.85	5340069.46	504.42	0	D	A	73.9	13.3	0.9	3.0	0.0	57.0	0.7	4.2	0.0	0.0	0.3	1.4	0.0	27.6
2950	4460734.07	5340060.92	504.18	2	D	A	73.9	6.6	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	9.7	1.7	80.9	-75.8
2952	4460730.44	5340061.69	504.21	2	D	A	73.9	4.8	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	9.7	1.7	80.5	-77.1
2953	4460727.76	5340062.26	504.22	2	D	A	73.9	3.9	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	9.7	1.7	80.2	-77.7
2954	4460718.72	5340064.18	504.27	2	D	A	73.9	12.0	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	9.7	1.6	79.2	-68.3
2956	4460707.22	5340066.62	504.34	2	D	A	73.9	15.5	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	12.2	1.6	77.2	-65.3
2957	4460683.33	5340071.69	504.48	2	D	A	73.9	-10.5	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	12.3	1.6	74.5	-88.1
2976	4460690.01	5340070.27	504.44	3	D	A	73.9	-1.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.2	1.7	88.5	-97.2
2977	4460688.80	5340070.53	504.45	3	D	A	73.9	2.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.2	1.7	88.5	-93.2
2979	4460686.70	5340070.97	504.46	3	D	A	73.9	4.1	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.2	1.7	88.5	-91.6
2984	4460684.37	5340071.47	504.48	3	D	A	73.9	3.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.2	1.7	88.5	-92.2
3031	4460725.38	5340062.76	504.24	3	D	A	73.9	7.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.6	1.8	44.4	-47.8
3034	4460720.49	5340063.80	504.26	3	D	A	73.9	6.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.2	1.8	44.8	-49.1
3040	4460718.12	5340064.30	504.28	3	D	A	73.9	-1.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.2	1.8	44.8	-56.9
3042	4460720.73	5340063.75	504.26	3	D	A	73.9	-5.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.4	1.8	44.6	-60.5
3043	4460720.34	5340063.83	504.27	3	D	A	73.9	-3.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.2	1.8	44.9	-58.5
3048	4460714.83	5340065.00	504.30	3	D	A	73.9	10.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.6	1.8	44.3	-45.0
3049	4460685.26	5340071.28	504.47	3	D	A	73.9	6.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.4	1.8	48.4	-50.4
3097	4460685.79	5340071.17	504.47	2	D	A	73.9	-1.6	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	12.5	1.6	21.5	-25.3
3107	4460684.37	5340071.47	504.48	2	D	A	73.9	3.5	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	12.5	1.6	21.5	-20.2
3108	4460728.94	5340062.01	504.21	1	D	A	73.9	11.8	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	12.3	1.6	31.5	-22.8
3109	4460718.84	5340064.15	504.27	1	D	A	73.9	7.5	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.4	1.6	30.2	-26.6
3116	4460712.62	5340065.47	504.31	1	D	A	73.9	8.5	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	13.5	1.6	30.0	-25.4
3197	4460727.16	5340062.38	504.22	2	D	A	73.9	7.0	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.6	-24.1
3203	4460724.33	5340062.99	504.24	2	D	A	73.9	-0.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.6	-31.9
3204	4460723.72	5340063.11	504.25	2	D	A	73.9	-3.9	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.6	-34.9
3205	4460698.89	5340068.38	504.39	3	D	A	73.9	4.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	34.4	-27.7
3208	4460697.16	5340068.75	504.40	3	D	A	73.9	-0.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	34.4	-32.0
3213	4460726.48	5340062.53	504.23	2	D	A	73.9	-4.1	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.7	-35.3
3215	4460725.98	5340062.63	504.23	2	D	A	73.9	-2.1	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.7	-33.3
3218	4460725.35	5340062.77	504.24	2	D	A	73.9	-1.7	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.7	-32.9
3219	4460719.82	5340063.94	504.27	2	D	A	73.9	10.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	33.6	-20.8
3221	4460693.05	5340069.63	504.43	2	D	A	73.9	-2.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.4	-34.7
3224	4460688.44	5340070.60	504.45	2	D	A	73.9	9.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.4	-22.7
3226	4460684.02	5340071.54	504.48	2	D	A	73.9	1.7	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.3	-30.4
3229	4																			

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3239	4460695.93	5340069.01	504.41	3	D	A	73.9	-1.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.0	1.8	95.8	-93.2
3242	4460729.20	5340061.95	504.21	2	D	A	73.9	7.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.1	1.8	96.0	-85.6
3244	4460723.85	5340063.09	504.24	2	D	A	73.9	7.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.1	1.8	95.6	-84.8
3245	4460698.36	5340068.50	504.40	3	D	A	73.9	-1.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	96.1	-94.4
3246	4460697.73	5340068.63	504.40	3	D	A	73.9	-2.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	96.1	-94.8
3248	4460695.47	5340069.11	504.41	2	D	A	73.9	9.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	98.6	-85.9
3249	4460687.29	5340070.85	504.46	2	D	A	73.9	9.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.0	1.8	98.3	-86.1
3255	4460733.54	5340061.03	504.19	1	D	A	73.9	7.5	0.9	3.0	0.0	58.8	0.8	4.4	0.0	0.0	0.4	1.5	2.3	17.1
3256	4460730.62	5340061.65	504.20	1	D	A	73.9	-4.8	0.9	3.0	0.0	58.8	0.8	4.4	0.0	0.0	3.5	1.5	4.3	-0.3
3260	4460675.83	5340072.75	504.50	0	D	A	73.9	11.8	0.9	3.0	0.0	56.4	0.7	4.2	0.0	0.0	0.6	1.3	0.0	26.5
3262	4460657.70	5340075.31	504.53	0	D	A	73.9	13.3	0.9	3.0	0.0	55.8	0.6	4.1	0.0	0.0	0.0	1.3	0.0	29.4
3277	4460682.06	5340071.87	504.49	2	D	A	73.9	4.0	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	12.3	1.6	74.4	-73.5
3279	4460679.44	5340072.24	504.49	2	D	A	73.9	4.5	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	12.3	1.6	74.1	-72.6
3280	4460678.04	5340072.44	504.49	2	D	A	73.9	-15.4	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	12.3	1.6	73.9	-92.3
3292	4460671.35	5340073.39	504.51	3	D	A	73.9	-1.9	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.9	-91.8
3294	4460670.99	5340073.44	504.51	3	D	A	73.9	-11.3	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.9	-101.2
3295	4460668.80	5340073.75	504.51	3	D	A	73.9	6.4	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.8	-83.5
3296	4460666.44	5340074.08	504.52	3	D	A	73.9	-3.8	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.7	-93.6
3297	4460666.10	5340074.13	504.52	3	D	A	73.9	-5.6	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.7	-95.4
3300	4460682.61	5340071.79	504.49	3	D	A	73.9	1.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.2	1.7	88.4	-94.2
3302	4460663.23	5340074.53	504.52	3	D	A	73.9	-1.9	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.6	-91.6
3304	4460662.11	5340074.69	504.52	3	D	A	73.9	2.1	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	83.6	-87.6
3306	4460660.15	5340074.97	504.53	3	D	A	73.9	3.7	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	13.1	1.7	83.5	-85.9
3308	4460658.27	5340075.23	504.53	3	D	A	73.9	1.6	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	13.2	1.7	83.5	-87.9
3309	4460656.66	5340075.46	504.53	3	D	A	73.9	2.6	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	13.2	1.7	83.4	-86.9
3335	4460665.39	5340074.23	504.52	1	D	A	73.9	9.9	0.9	3.0	0.0	58.8	0.8	4.3	0.0	0.0	13.7	1.5	18.7	-10.1
3336	4460658.55	5340075.19	504.53	1	D	A	73.9	6.1	0.9	3.0	0.0	58.6	0.8	4.3	0.0	0.0	13.7	1.5	18.7	-13.7
3338	4460651.79	5340076.15	504.54	1	D	A	73.9	9.8	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	11.2	1.5	21.2	-9.8
3340	4460676.35	5340072.68	504.50	2	D	A	73.9	2.2	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	13.3	1.6	20.8	-22.3
3341	4460675.37	5340072.82	504.50	2	D	A	73.9	-5.1	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	13.5	1.6	20.6	-29.6
3342	4460671.04	5340073.43	504.51	2	D	A	73.9	9.3	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	13.5	1.6	20.6	-15.3
3343	4460659.76	5340075.02	504.53	2	D	A	73.9	11.6	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	13.8	1.6	20.3	-13.1
3345	4460680.90	5340072.03	504.49	3	D	A	73.9	6.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.4	1.8	48.3	-49.6
3347	4460675.14	5340072.85	504.50	3	D	A	73.9	9.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.4	1.8	48.3	-47.3
3348	4460670.81	5340073.46	504.51	3	D	A	73.9	-1.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.4	1.8	48.3	-57.9
3353	4460674.99	5340072.87	504.50	3	D	A	73.9	8.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.4	1.8	46.3	-49.1
3355	4460670.96	5340073.44	504.51	3	D	A	73.9	-1.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.4	1.8	46.3	-59.0
3358	4460669.84	5340073.60	504.51	3	D	A	73.9	1.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.4	1.8	46.3	-56.0
3360	4460665.62	5340074.19	504.52	2	D	A	73.9	-5.8	0.9	3.0	0.0	59.9	0.9	4.4	0.0	0.0	13.5	1.5	20.3	-28.4
3361	4460656.26	5340075.52	504.53	2	D	A	73.9	12.7	0.9	3.0	0.0	59.9	0.9	4.4	0.0	0.0	11.0	1.5	22.8	-10.0
3372	4460650.08	5340076.39	504.55	2	D	A	73.9	7.8	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.8	1.6	20.4	-16.9
3374	4460647.07	5340076.82	504.55	2	D	A	73.9	-11.1	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-35.8
3376	4460647.56	5340076.75	504.55	3	D	A	73.9	0.3	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.1	1.8	46.5	-57.4
3378	4460657.06	5340075.40	504.53	3	D	A	73.9	2.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.2	1.8	50.5	-56.9
3380	4460655.42	5340075.64	504.54	3	D	A	73.9	2.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.2	1.8	50.5	-57.4
3382	4460654.59	5340075.75	504.54	3	D	A	73.9	-9.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	12.0	1.8	47.7	-69.0
3384	4460654.52	5340075.76	504.54	3	D	A	73.9	-14.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	12.0	1.8	47.7	-74.2
3481	4460680.60	5340072.08	504.49	2	D	A	73.9	7.4	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	12.5	1.6	21.5	-16.4
3521	4460673.86	5340073.03	504.50	1	D	A	73.9	10.6	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	0.7	1.5	4.0	17.8
3522	4460657.63	5340075.32	504.53	1	D	A	73.9	13.3	0.9	3.0	0.0	59.2	0.9	4.4	0.0	0.0	2.4	1.5	5.4	17.3
3523	4460679.74	5340072.20	504.49	2	D	A	73.9	8.6	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.3	-23.5
3524	4460675.91	5340072.74	504.50	2	D	A	73.9	-2.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.2	-34.6
3528	4460650.64	5340076.31	504.54	2	D	A	73.9	0.2	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-14.7
3529	4460648.58	5340076.60	504.55	2	D	A	73.9	4.9	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-10.0
3531	4460647.34	5340076.78	504.55	3	D	A	73.9	-2.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-38.6
3535	4460680.45	5340072.10	504.49	2	D	A	73.9	7.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.3	-26.0
3536	4460677.15	5340072.56	504.50	2	D	A	73.9	-0.3	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-33.8
3537	4460675.50	5340072.80	504.50	2	D	A	73.9	3.8	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-29.7
3538	4460673.68	5340073.06	504.50	2	D	A	73.9	1.0	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-32.5
3544	4460672.94	5340073.16	504.50	2	D	A	73.9	-6.2	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-39.6
3545	4460672.63	5340073.20	504.50	2	D	A	73.9	-4.2	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-37.6
3546	4460670.00	5340073.58	504.51	2	D	A	73.9	6.9	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-26.5
3551	4460666.54	5340074.06	504.52	2	D	A	73.9	3.2	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	35.2	-30.2
3557	4460662.92	534																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3566	4460658.19	5340075.25	504.53	3	D	A	73.9	3.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.0	1.8	46.1	-44.3
3567	4460655.92	5340075.57	504.53	3	D	A	73.9	4.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.8	1.8	45.8	-42.8
3568	4460654.33	5340075.79	504.54	3	D	A	73.9	-1.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.7	1.8	45.6	-48.5
3569	4460651.09	5340076.25	504.54	3	D	A	73.9	7.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.5	1.8	45.1	-38.2
3570	4460647.99	5340076.69	504.55	3	D	A	73.9	-4.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.2	1.8	44.3	-49.4
3571	4460657.20	5340075.39	504.53	3	D	A	73.9	6.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	37.4	-29.9
3572	4460654.96	5340075.70	504.54	3	D	A	73.9	-4.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	37.4	-41.1
3573	4460659.75	5340075.03	504.53	2	D	A	73.9	5.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	36.3	-30.0
3583	4460655.14	5340075.68	504.54	3	D	A	73.9	5.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	2.0	1.8	47.5	-43.5
3600	4460657.90	5340075.29	504.53	3	D	A	73.9	5.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	38.6	-32.4
3610	4460670.93	5340073.44	504.51	3	D	A	73.9	8.5	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	0.4	1.6	23.9	-4.9
3612	4460656.99	5340075.41	504.53	1	D	A	73.9	13.0	0.9	3.0	0.0	57.5	0.7	4.3	0.0	0.0	0.0	1.4	5.7	21.2
3615	4460683.28	5340071.70	504.48	2	D	A	73.9	-16.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.0	1.8	98.1	-111.8
3624	4460673.74	5340073.05	504.50	1	D	A	73.9	7.4	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	0.3	1.5	3.7	16.3
3625	4460667.44	5340073.94	504.51	1	D	A	73.9	8.6	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	0.4	1.5	3.7	17.1
3626	4460737.30	5340099.96	504.14	0	D	A	73.9	8.8	0.9	3.0	0.0	57.4	0.7	4.3	0.0	0.0	5.8	1.4	0.0	16.9
3627	4460744.24	5340101.83	504.13	0	D	A	73.9	8.3	0.9	3.0	0.0	57.6	0.7	4.3	0.0	0.0	3.6	1.4	0.0	18.5
3628	4460759.91	5340106.04	504.09	0	D	A	73.9	14.1	0.9	3.0	0.0	58.1	0.8	4.3	0.0	0.0	1.2	1.4	0.0	26.1
3740	4460765.28	5340107.48	504.08	2	D	A	73.9	11.6	0.9	3.0	0.0	60.8	1.0	4.5	0.0	0.0	13.6	1.6	20.4	-12.3
3743	4460768.45	5340108.33	504.07	1	D	A	73.9	9.0	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	13.7	1.6	28.7	-22.5
3746	4460750.03	5340103.38	504.11	1	D	A	73.9	11.3	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	13.7	1.6	28.8	-20.4
3747	4460762.06	5340106.61	504.09	1	D	A	73.9	10.6	0.9	3.0	0.0	60.4	0.9	4.4	0.0	0.0	13.7	1.6	28.9	-21.5
3751	4460762.40	5340106.70	504.09	2	D	A	73.9	5.5	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	13.5	1.6	30.9	-29.2
3753	4460739.41	5340100.53	504.14	1	D	A	73.9	-15.0	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	12.6	1.6	29.7	-46.3
3754	4460742.12	5340101.26	504.13	1	D	A	73.9	7.5	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	12.6	1.6	29.8	-24.0
3759	4460755.99	5340104.98	504.10	2	D	A	73.9	-14.4	0.9	3.0	0.0	61.0	1.0	4.5	0.0	0.0	12.4	1.6	31.9	-49.0
3760	4460758.08	5340105.55	504.10	2	D	A	73.9	6.3	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	13.5	1.6	30.8	-28.3
3761	4460761.14	5340106.37	504.09	2	D	A	73.9	3.1	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	13.5	1.6	30.9	-31.6
3794	4460769.79	5340108.69	504.07	1	D	A	73.9	6.8	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	13.6	1.6	19.4	-16.4
3795	4460772.20	5340109.34	504.07	1	D	A	73.9	-8.0	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	13.6	1.6	19.4	-31.2
3830	4460750.23	5340103.44	504.11	1	D	A	73.9	7.4	0.9	3.0	0.0	58.7	0.8	4.4	0.0	0.0	4.6	1.5	4.4	11.0
3833	4460759.27	5340105.87	504.09	1	D	A	73.9	11.2	0.9	3.0	0.0	58.9	0.8	4.4	0.0	0.0	5.0	1.5	5.0	13.5
3835	4460768.96	5340108.47	504.07	1	D	A	73.9	8.4	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	4.1	1.5	4.2	12.1
3841	4460748.74	5340103.04	504.12	3	D	A	73.9	4.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	39.4	-34.7
3875	4460753.76	5340104.38	504.11	3	D	A	73.9	-0.6	0.9	3.0	0.0	62.1	1.1	4.6	0.0	0.0	0.2	1.6	14.9	-7.3
3877	4460654.20	5340078.94	504.50	0	D	A	73.9	12.8	0.9	3.0	0.0	55.5	0.6	4.1	0.0	0.0	0.0	1.3	0.0	29.1
3879	4460664.91	5340081.46	504.43	0	D	A	73.9	4.8	0.9	3.0	0.0	55.7	0.6	4.1	0.0	0.0	0.3	1.3	0.0	20.6
3887	4460665.81	5340081.68	504.43	2	D	A	73.9	-17.6	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	12.4	1.6	72.1	-92.3
3889	4460666.10	5340081.75	504.42	2	D	A	73.9	-2.3	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	12.4	1.6	72.1	-77.0
3905	4460658.29	5340079.91	504.47	3	D	A	73.9	3.3	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	84.0	-86.9
3906	4460660.17	5340080.35	504.46	3	D	A	73.9	2.4	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	13.1	1.7	84.1	-87.9
3907	4460662.37	5340080.87	504.45	3	D	A	73.9	4.5	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	13.1	1.7	84.3	-86.0
3908	4460664.67	5340081.41	504.43	3	D	A	73.9	2.9	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	13.1	1.7	84.4	-87.8
3909	4460665.98	5340081.72	504.43	3	D	A	73.9	-1.1	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	13.1	1.7	84.5	-91.8
3976	4460649.85	5340077.92	504.52	1	D	A	73.9	10.0	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	11.2	1.5	21.2	-9.5
3978	4460656.36	5340079.45	504.48	1	D	A	73.9	5.3	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	13.8	1.5	18.6	-14.3
3981	4460661.83	5340080.74	504.45	1	D	A	73.9	9.0	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	13.8	1.5	18.6	-10.7
3985	4460659.36	5340080.16	504.47	2	D	A	73.9	11.6	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-13.3
3987	4460666.37	5340081.81	504.42	2	D	A	73.9	-13.5	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	13.5	1.6	20.7	-38.4
4000	4460655.66	5340079.29	504.49	2	D	A	73.9	13.0	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	10.9	1.6	22.9	-9.9
4003	4460665.40	5340081.58	504.43	2	D	A	73.9	-5.6	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	13.4	1.6	20.4	-28.6
4010	4460646.01	5340077.02	504.55	2	D	A	73.9	3.3	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-21.5
4019	4460649.90	5340077.93	504.52	2	D	A	73.9	7.7	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-17.1
4020	4460646.46	5340077.12	504.54	3	D	A	73.9	4.9	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.1	1.8	46.5	-52.8
4035	4460653.92	5340078.88	504.50	3	D	A	73.9	-15.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	12.0	1.8	47.6	-74.3
4039	4460653.99	5340078.89	504.50	3	D	A	73.9	-10.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	12.0	1.8	47.6	-69.1
4040	4460654.75	5340079.08	504.49	3	D	A	73.9	1.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.3	1.8	50.4	-57.5
4041	4460656.28	5340079.43	504.48	3	D	A	73.9	2.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.3	1.8	50.4	-57.0
4056	4460645.67	5340076.94	504.55	2	D	A	73.9	1.6	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	10.9	1.6	22.8	-21.2
4076	4460645.27	5340076.84	504.55	1	D	A	73.9	-2.1	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	1.9	1.5	7.8	-0.1
4077	4460655.98	5340079.36	504.49	1	D	A	73.9	13.3	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	2.0	1.5	7.9	15.1
4081	4460645.00	5340076.78	504.55	2	D	A	73.9	-11.5	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	16.9	-26.6
4084	4460645.37	5340076.87	504.55	2	D	A	73.9	-1.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-16.6
4087	4460645.82	5340																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4096	4460645.68	5340076.94	504.55	3	D	A	73.9	1.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-34.9
4097	4460646.92	5340077.23	504.54	3	D	A	73.9	0.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-36.2
4099	4460659.51	5340080.20	504.46	2	D	A	73.9	-5.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	34.9	-38.8
4101	4460662.09	5340080.80	504.45	2	D	A	73.9	7.0	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	34.9	-26.0
4104	4460665.46	5340081.60	504.43	2	D	A	73.9	2.8	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	34.9	-30.2
4106	4460647.70	5340077.42	504.54	3	D	A	73.9	-5.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.1	1.8	44.0	-49.7
4108	4460650.38	5340078.05	504.52	3	D	A	73.9	7.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.3	1.8	44.6	-38.1
4111	4460653.19	5340078.71	504.50	3	D	A	73.9	-2.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.3	1.8	44.6	-47.7
4113	4460654.57	5340079.03	504.49	3	D	A	73.9	3.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.3	1.8	44.7	-41.8
4115	4460656.55	5340079.50	504.48	3	D	A	73.9	2.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.4	1.8	44.7	-42.9
4116	4460659.17	5340080.11	504.47	3	D	A	73.9	5.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	38.9	-32.8
4117	4460661.11	5340080.57	504.45	3	D	A	73.9	-3.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	38.9	-42.1
4118	4460661.40	5340080.64	504.45	3	D	A	73.9	-7.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	38.9	-46.1
4119	4460653.75	5340078.84	504.50	3	D	A	73.9	-5.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.5	-41.7
4120	4460655.70	5340079.30	504.49	3	D	A	73.9	5.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.5	-30.6
4121	4460658.71	5340080.01	504.47	2	D	A	73.9	4.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	36.2	-30.0
4129	4460654.12	5340078.93	504.50	3	D	A	73.9	5.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.5	1.8	46.5	-42.6
4138	4460656.63	5340079.52	504.48	3	D	A	73.9	5.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	38.7	-33.0
4146	4460655.68	5340079.29	504.49	1	D	A	73.9	13.4	0.9	3.0	0.0	57.7	0.7	4.3	0.0	0.0	0.0	1.4	11.5	15.6
4707	4460970.40	5339993.22	503.91	0	D	A	73.9	3.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	0.0	9.0
4712	4460944.23	5340001.11	503.94	0	D	A	73.9	17.2	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.9	1.7	0.0	22.8
4714	4460896.71	5340015.44	503.99	0	D	A	73.9	16.7	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	3.4	1.7	0.0	21.0
4761	4460964.12	5339995.12	503.92	1	D	A	73.9	11.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	12.3	1.8	14.7	-10.7
4763	4460956.75	5339997.34	503.93	1	D	A	73.9	-8.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	12.8	1.8	14.3	-30.9
4764	4460951.05	5339999.06	503.93	1	D	A	73.9	10.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	12.9	1.8	14.3	-11.7
4766	4460935.72	5340003.68	503.95	1	D	A	73.9	13.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	12.9	1.8	14.2	-9.0
4767	4460924.20	5340007.15	503.96	1	D	A	73.9	5.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.0	1.7	14.1	-16.0
4769	4460913.59	5340010.35	503.97	1	D	A	73.9	12.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	13.0	1.7	14.0	-9.0
4771	4460904.37	5340013.13	503.98	1	D	A	73.9	-0.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	12.5	1.7	14.5	-21.7
4772	4460908.24	5340011.96	503.98	1	D	A	73.9	7.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	13.0	1.7	21.4	-21.0
4774	4460902.25	5340013.77	503.99	1	D	A	73.9	8.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	12.5	1.7	21.9	-20.7
4775	4460886.78	5340018.43	504.00	1	D	A	73.9	14.2	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	12.5	1.7	21.7	-14.1
4784	4460963.91	5339995.18	503.92	1	D	A	73.9	12.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.8	1.8	22.3	-19.2
5364	4460643.03	5339927.17	505.06	0	D	A	73.9	17.3	0.9	3.0	0.0	60.7	1.0	4.4	0.0	0.0	0.3	1.6	0.0	27.1
5443	4460644.98	5339911.16	505.16	3	D	A	73.9	13.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.7	1.8	10.3	-103.8
5445	4460642.42	5339932.19	505.03	3	D	A	73.9	13.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	11.6	1.8	06.0	-101.0
5447	4460640.47	5339948.21	504.93	3	D	A	73.9	10.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	11.7	1.8	04.1	-101.7
5485	4460645.40	5339907.63	505.18	2	D	A	73.9	11.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.0	1.8	91.1	-75.5
5487	4460643.03	5339927.17	505.06	2	D	A	73.9	17.3	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.0	1.8	88.9	-67.1
5488	4460643.03	5339927.17	505.06	2	D	A	73.9	17.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	38.4	-20.7
5498	4460643.30	5339927.21	505.05	0	D	A	73.9	17.3	0.9	3.0	0.0	60.7	1.0	4.4	0.0	0.0	0.3	1.6	0.0	27.1
5687	4460640.51	5339950.44	504.92	3	D	A	73.9	8.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.7	1.8	03.8	-103.7
5689	4460642.18	5339936.52	505.00	3	D	A	73.9	13.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	11.6	1.8	05.5	-100.3
5691	4460644.83	5339914.56	505.13	3	D	A	73.9	13.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.7	1.8	09.9	-103.0
5726	4460645.36	5339910.16	505.15	2	D	A	73.9	12.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.0	1.8	90.8	-73.9
5728	4460643.30	5339927.21	505.05	2	D	A	73.9	17.3	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.0	1.8	88.9	-67.1
5730	4460643.30	5339927.21	505.05	2	D	A	73.9	17.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	38.4	-20.8
5968	4460631.28	5340043.42	504.57	0	D	A	73.9	13.1	0.9	3.0	0.0	56.6	0.7	4.3	0.0	0.0	0.5	1.3	0.0	27.6
6042	4460631.28	5340043.42	504.57	1	D	A	73.9	13.1	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	12.9	1.5	19.6	-7.6
6043	4460631.28	5340043.42	504.57	3	D	A	73.9	13.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	12.0	1.7	38.3	-31.8
6045	4460630.36	5340050.19	504.55	3	D	A	73.9	8.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	12.2	1.8	45.8	-48.5
6049	4460630.75	5340047.33	504.56	3	D	A	73.9	0.1	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	12.1	1.7	35.2	-39.4
6051	4460630.95	5340045.86	504.56	3	D	A	73.9	2.9	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	12.1	1.7	35.1	-36.5
6066	4460630.54	5340048.89	504.55	3	D	A	73.9	9.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	29.2	-13.6
6067	4460631.32	5340043.12	504.57	3	D	A	73.9	3.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.1	1.7	28.9	-19.5
6069	4460631.63	5340040.86	504.57	2	D	A	73.9	11.9	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.1	1.7	26.8	-8.1
6071	4460631.28	5340043.42	504.57	2	D	A	73.9	13.1	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.1	1.8	34.8	-19.7
6073	4460630.22	5340051.28	504.55	3	D	A	73.9	6.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	38.5	-31.2
6076	4460631.62	5340040.87	504.57	1	D	A	73.9	4.0	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.3	1.6	6.0	8.5
6077	4460632.22	5340036.45	504.58	1	D	A	73.9	8.1	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	2.8	1.6	9.0	6.9
6078	4460632.65	5340033.28	504.59	1	D	A	73.9	-16.3	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	2.7	1.6	8.9	-17.3
6082	4460630.90	5340043.34	504.56	0	D	A	73.9	13.1	0.9	3.0	0.0	56.6	0.7	4.3	0.0	0.0	0.4	1.3	0.0	27.6
6114	4460630.90	5340043.34	504.56	1	D	A	73.9	13.1	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	12.9	1.5	19.6	-7.6
6116	4460630.90																			

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6129	4460630.08	5340049.43	504.55	3	D	A	73.9	9.1	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	29.2	-14.3
6130	4460631.58	5340038.29	504.58	2	D	A	73.9	10.1	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.1	1.7	26.9	-10.0
6132	4460630.90	5340043.34	504.56	2	D	A	73.9	13.1	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.1	1.8	34.8	-19.7
6134	4460629.72	5340052.05	504.54	3	D	A	73.9	4.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	38.6	-33.3
6139	4460631.85	5340036.24	504.58	1	D	A	73.9	7.9	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	2.7	1.6	8.9	6.9
6140	4460631.28	5340040.52	504.57	1	D	A	73.9	4.1	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.3	1.6	6.0	8.5
6293	4461081.14	5339920.30	504.02	0	D	A	73.9	22.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.0	1.8	0.0	25.6
6303	4461122.37	5339891.49	504.01	1	D	A	73.9	18.3	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	8.6	1.8	27.7	-16.7
6304	4461053.47	5339939.64	504.02	1	D	A	73.9	20.0	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	11.9	1.8	23.7	-13.0
6309	4461081.14	5339920.30	504.02	1	D	A	73.9	22.3	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	11.6	1.8	43.5	-31.1
6353	4461039.54	5339962.95	504.15	0	D	A	73.9	21.1	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	0.0	25.4
6369	4461022.85	5339974.51	504.13	1	D	A	73.9	19.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	9.0	1.8	26.3	-12.4
6370	4461004.48	5339987.23	504.11	1	D	A	73.9	16.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	11.9	1.8	40.1	-32.2
6371	4461057.77	5339950.32	504.17	1	D	A	73.9	19.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	12.0	1.8	41.9	-32.4
6372	4460629.77	5340060.16	504.52	0	D	A	73.9	11.3	0.9	3.0	0.0	55.8	0.6	4.2	0.0	0.0	0.5	1.3	0.0	26.6
6382	4460629.82	5340061.52	504.51	3	D	A	73.9	10.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	02.4	-89.7
6387	4460629.67	5340057.36	504.53	1	D	A	73.9	8.9	0.9	3.0	0.0	58.8	0.8	4.4	0.0	0.0	13.0	1.5	19.4	-11.1
6388	4460629.91	5340064.05	504.51	1	D	A	73.9	7.5	0.9	3.0	0.0	58.6	0.8	4.3	0.0	0.0	13.1	1.5	19.3	-12.3
6389	4460629.77	5340060.16	504.52	3	D	A	73.9	11.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	12.1	1.7	37.8	-32.8
6390	4460629.64	5340056.51	504.53	3	D	A	73.9	7.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	12.2	1.8	45.6	-48.7
6391	4460629.91	5340064.05	504.51	3	D	A	73.9	7.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.3	1.8	46.6	-50.6
6400	4460629.56	5340054.30	504.53	3	D	A	73.9	2.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	29.3	-21.4
6401	4460629.91	5340064.29	504.51	2	D	A	73.9	7.1	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	0.1	1.7	26.1	-11.6
6404	4460629.77	5340060.16	504.52	2	D	A	73.9	11.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.2	-20.7
6406	4460629.72	5340058.68	504.52	3	D	A	73.9	10.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	38.8	-27.9
6408	4460629.95	5340065.38	504.50	3	D	A	73.9	4.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.0	-33.7
6411	4460629.67	5340057.28	504.53	2	D	A	73.9	7.1	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.2	1.6	6.9	10.8
6412	4460629.86	5340062.75	504.51	2	D	A	73.9	7.6	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	0.2	1.6	13.1	5.1
6415	4460640.91	5340075.45	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	55.3	0.6	4.1	0.0	0.0	0.2	1.2	0.0	27.4
6418	4460640.72	5340075.41	504.52	2	D	A	73.9	-1.5	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.3	1.7	77.0	-83.6
6419	4460640.34	5340075.32	504.51	2	D	A	73.9	-10.9	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.3	1.7	77.0	-93.0
6420	4460638.01	5340074.80	504.50	2	D	A	73.9	6.7	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.4	1.7	76.8	-75.1
6421	4460635.50	5340074.23	504.49	2	D	A	73.9	-3.5	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-85.1
6423	4460635.14	5340074.15	504.48	2	D	A	73.9	-5.3	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-86.9
6432	4460642.98	5340075.91	504.53	1	D	A	73.9	9.2	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	11.2	1.5	21.2	-10.2
6433	4460646.56	5340076.72	504.55	2	D	A	73.9	-0.2	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	10.9	1.6	22.8	-23.0
6434	4460637.16	5340074.61	504.50	1	D	A	73.9	6.2	0.9	3.0	0.0	58.3	0.8	4.3	0.0	0.0	11.2	1.5	21.1	-13.2
6435	4460634.95	5340074.11	504.48	1	D	A	73.9	-4.5	0.9	3.0	0.0	58.3	0.8	4.3	0.0	0.0	11.2	1.5	21.1	-23.8
6436	4460637.16	5340074.61	504.50	3	D	A	73.9	6.9	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	11.0	1.5	32.8	-25.4
6437	4460645.30	5340076.43	504.54	2	D	A	73.9	5.5	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-19.2
6438	4460642.29	5340075.76	504.52	2	D	A	73.9	4.2	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-20.6
6439	4460640.63	5340075.38	504.52	2	D	A	73.9	-1.0	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-25.8
6440	4460639.65	5340075.16	504.51	2	D	A	73.9	0.9	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-23.9
6441	4460638.44	5340074.89	504.50	2	D	A	73.9	1.0	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-23.7
6442	4460636.30	5340074.41	504.49	2	D	A	73.9	4.9	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-19.8
6443	4460636.45	5340074.45	504.49	3	D	A	73.9	3.6	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-39.7
6444	4460635.06	5340074.13	504.48	3	D	A	73.9	-2.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-45.8
6445	4460645.71	5340076.52	504.54	3	D	A	73.9	4.3	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.1	1.8	46.5	-53.3
6446	4460644.02	5340076.15	504.53	3	D	A	73.9	-1.4	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	46.0	-59.1
6447	4460643.58	5340076.05	504.53	3	D	A	73.9	-7.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-65.4
6448	4460643.46	5340076.02	504.53	3	D	A	73.9	-10.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-68.4
6449	4460643.39	5340076.00	504.53	3	D	A	73.9	-11.8	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-69.5
6450	4460643.29	5340075.98	504.53	3	D	A	73.9	-8.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-66.4
6451	4460642.56	5340075.82	504.53	3	D	A	73.9	1.3	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-56.4
6452	4460640.53	5340075.36	504.51	3	D	A	73.9	4.5	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-53.2
6453	4460637.74	5340074.74	504.50	3	D	A	73.9	4.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.7	1.8	45.9	-53.1
6454	4460636.02	5340074.35	504.49	3	D	A	73.9	-2.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.7	1.8	45.9	-59.9
6455	4460635.68	5340074.27	504.49	3	D	A	73.9	-10.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.7	1.8	45.9	-67.9
6456	4460636.22	5340074.39	504.49	3	D	A	73.9	3.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.7	1.8	45.9	-54.3
6457	4460634.96	5340074.11	504.48	3	D	A	73.9	-4.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.4	1.8	46.3	-62.0
6458	4460643.97	5340076.14	504.53	2	D	A	73.9	7.0	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	10.9	1.6	22.8	-15.8
6459	4460640.65	5340075.39	504.52	2	D	A	73.9	2.5	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	10.9	1.6	22.8	-20.2
6460	4460638.06	5340074.81	504.50	3	D	A	73.9	3.1	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	10.4	1.7	85.5	-85.6
6463																				

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
6468	4460646.66	5340076.74	504.55	2	D	A	73.9	-1.2	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-16.1
6469	4460646.25	5340076.65	504.55	2	D	A	73.9	-10.3	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-25.3
6470	4460646.11	5340076.62	504.55	2	D	A	73.9	-7.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-22.3
6471	4460645.89	5340076.57	504.54	2	D	A	73.9	-5.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-20.6
6472	4460645.43	5340076.46	504.54	2	D	A	73.9	-1.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-16.6
6473	4460641.62	5340075.61	504.52	2	D	A	73.9	8.5	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.3	1.8	17.2	-7.0
6474	4460638.08	5340074.81	504.50	2	D	A	73.9	-8.8	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	17.2	-24.3
6475	4460643.26	5340075.98	504.53	3	D	A	73.9	0.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.5	-45.9
6476	4460640.62	5340075.38	504.51	3	D	A	73.9	6.3	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-40.3
6477	4460638.49	5340074.90	504.50	3	D	A	73.9	-9.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-56.4
6478	4460638.33	5340074.87	504.50	3	D	A	73.9	-6.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-53.4
6479	4460638.08	5340074.81	504.50	3	D	A	73.9	-5.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-51.7
6480	4460637.55	5340074.69	504.50	3	D	A	73.9	-1.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-47.8
6481	4460635.98	5340074.34	504.49	3	D	A	73.9	3.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-42.8
6482	4460646.78	5340076.77	504.55	3	D	A	73.9	-2.8	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-39.4
6483	4460644.57	5340076.27	504.54	3	D	A	73.9	6.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-30.5
6484	4460642.57	5340075.82	504.53	3	D	A	73.9	-10.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-46.6
6485	4460642.43	5340075.79	504.53	3	D	A	73.9	-7.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-43.7
6486	4460642.19	5340075.73	504.52	3	D	A	73.9	-5.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-41.9
6487	4460641.69	5340075.62	504.52	3	D	A	73.9	-1.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-38.0
6488	4460638.06	5340074.81	504.50	3	D	A	73.9	8.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-28.3
6489	4460639.62	5340075.16	504.51	2	D	A	73.9	-9.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	36.1	-44.0
6490	4460639.14	5340075.05	504.51	2	D	A	73.9	-0.6	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	36.1	-35.0
6491	4460637.19	5340074.61	504.50	2	D	A	73.9	4.9	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	35.4	-28.6
6492	4460635.22	5340074.17	504.48	2	D	A	73.9	-0.4	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	35.2	-33.8
6493	4460635.70	5340074.28	504.49	3	D	A	73.9	-9.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-45.8
6494	4460635.21	5340074.17	504.48	3	D	A	73.9	-0.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-37.2
6501	4460643.86	5340076.11	504.53	1	D	A	73.9	8.1	0.9	3.0	0.0	57.6	0.7	4.3	0.0	0.0	0.0	1.4	11.5	10.5
6502	4460630.15	5340060.13	504.52	0	D	A	73.9	11.2	0.9	3.0	0.0	55.8	0.6	4.2	0.0	0.0	0.5	1.3	0.0	26.5
6506	4460630.40	5340066.66	504.50	2	D	A	73.9	-11.4	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.5	1.7	76.6	-93.2
6507	4460630.19	5340061.10	504.52	3	D	A	73.9	10.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	02.5	-89.6
6520	4460630.28	5340063.48	504.51	1	D	A	73.9	8.1	0.9	3.0	0.0	58.6	0.8	4.3	0.0	0.0	13.1	1.5	19.3	-11.7
6522	4460630.03	5340056.91	504.53	1	D	A	73.9	8.3	0.9	3.0	0.0	58.8	0.8	4.4	0.0	0.0	13.0	1.5	19.4	-11.8
6527	4460630.15	5340060.13	504.52	3	D	A	73.9	11.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	12.1	1.7	37.8	-32.9
6529	4460629.96	5340054.99	504.54	3	D	A	73.9	4.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	12.2	1.8	45.7	-52.1
6531	4460630.26	5340062.90	504.51	3	D	A	73.9	8.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	12.3	1.8	46.7	-49.4
6538	4460629.92	5340053.98	504.54	3	D	A	73.9	-0.9	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	29.3	-24.5
6539	4460630.23	5340062.18	504.51	2	D	A	73.9	9.6	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	0.1	1.7	26.1	-9.3
6540	4460630.15	5340060.13	504.52	2	D	A	73.9	11.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	34.2	-20.8
6541	4460630.33	5340064.81	504.50	3	D	A	73.9	5.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	38.9	-32.6
6542	4460630.08	5340058.24	504.53	3	D	A	73.9	9.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	38.7	-28.4
6543	4460630.25	5340062.62	504.51	2	D	A	73.9	7.6	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	0.2	1.6	13.1	5.2
6544	4460630.04	5340057.17	504.53	2	D	A	73.9	7.1	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.3	1.6	6.9	10.8
6545	4460639.61	5340075.59	504.52	0	D	A	73.9	10.4	0.9	3.0	0.0	55.3	0.6	4.1	0.0	0.0	0.1	1.2	0.0	26.9
6546	4460634.71	5340074.51	504.49	2	D	A	73.9	-5.3	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.5	-86.8
6547	4460635.07	5340074.59	504.49	2	D	A	73.9	-3.5	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.5	-85.0
6549	4460637.59	5340075.14	504.51	2	D	A	73.9	6.7	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.4	1.7	76.7	-75.0
6550	4460639.92	5340075.66	504.52	2	D	A	73.9	-10.9	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.3	1.7	77.0	-92.9
6551	4460640.31	5340075.75	504.52	2	D	A	73.9	-1.5	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.3	1.7	77.0	-83.5
6553	4460641.87	5340076.09	504.53	1	D	A	73.9	8.0	0.9	3.0	0.0	58.3	0.8	4.3	0.0	0.0	11.2	1.5	21.1	-11.4
6554	4460634.61	5340074.49	504.49	1	D	A	73.9	-1.4	0.9	3.0	0.0	58.3	0.8	4.3	0.0	0.0	11.2	1.5	21.1	-20.7
6555	4460636.99	5340075.01	504.50	1	D	A	73.9	6.2	0.9	3.0	0.0	58.3	0.8	4.3	0.0	0.0	11.2	1.5	21.1	-13.2
6556	4460636.81	5340074.97	504.50	3	D	A	73.9	7.2	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	11.0	1.5	32.8	-25.0
6557	4460636.01	5340074.80	504.50	2	D	A	73.9	5.5	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-19.2
6558	4460638.37	5340075.32	504.51	2	D	A	73.9	1.0	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-23.7
6559	4460639.58	5340075.59	504.52	2	D	A	73.9	0.9	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-23.9
6560	4460640.56	5340075.80	504.53	2	D	A	73.9	-1.0	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-25.8
6561	4460642.23	5340076.17	504.54	2	D	A	73.9	4.2	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-20.6
6562	4460644.24	5340076.61	504.55	2	D	A	73.9	1.8	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	13.7	1.6	20.4	-23.0
6563	4460634.78	5340074.53	504.49	3	D	A	73.9	0.3	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-43.0
6564	4460636.43	5340074.89	504.50	3	D	A	73.9	3.6	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-39.7
6565	4460635.61	5340074.71	504.50	3	D	A	73.9	-10.0	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-67.7
6566	4460635.96	5340074.79	504.50	3	D	A	73.9	-2.2	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-59.9
6567	4460637.68																			

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6573	4460643.40	5340076.43	504.54	3	D	A	73.9	-10.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-68.4
6574	4460643.52	5340076.45	504.54	3	D	A	73.9	-7.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-65.4
6576	4460643.96	5340076.55	504.55	3	D	A	73.9	-1.4	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-59.0
6578	4460644.64	5340076.70	504.55	3	D	A	73.9	-1.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.1	1.8	46.5	-59.4
6579	4460634.67	5340074.50	504.49	3	D	A	73.9	-0.8	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.4	1.8	46.3	-58.5
6581	4460636.15	5340074.83	504.50	3	D	A	73.9	3.4	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	12.7	1.8	45.9	-54.3
6587	4460640.60	5340075.81	504.53	2	D	A	73.9	2.5	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	10.9	1.6	22.8	-20.2
6588	4460643.22	5340076.39	504.54	2	D	A	73.9	5.5	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	10.9	1.6	22.8	-17.3
6589	4460638.02	5340075.24	504.51	3	D	A	73.9	3.1	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	10.4	1.7	85.5	-85.5
6607	4460636.92	5340075.00	504.50	1	D	A	73.9	7.4	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	0.3	1.5	5.9	13.0
6608	4460642.28	5340076.18	504.54	1	D	A	73.9	7.4	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	1.9	1.5	7.8	9.4
6611	4460635.23	5340074.63	504.49	2	D	A	73.9	3.0	0.9	3.0	0.0	62.7	1.2	4.6	0.0	0.0	0.1	1.7	25.8	-15.1
6613	4460637.50	5340075.13	504.51	2	D	A	73.9	4.2	0.9	3.0	0.0	62.7	1.1	4.6	0.0	0.0	0.2	1.7	25.9	-14.1
6616	4460638.01	5340075.24	504.51	2	D	A	73.9	-8.8	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	17.2	-24.3
6619	4460641.52	5340076.01	504.53	2	D	A	73.9	8.5	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.3	1.8	17.2	-7.0
6621	4460635.64	5340074.72	504.50	3	D	A	73.9	4.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.5	-41.9
6622	4460637.41	5340075.11	504.51	3	D	A	73.9	-1.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-47.5
6623	4460637.94	5340075.22	504.51	3	D	A	73.9	-5.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-51.5
6624	4460638.19	5340075.28	504.51	3	D	A	73.9	-6.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-53.2
6625	4460638.34	5340075.31	504.51	3	D	A	73.9	-9.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-56.1
6626	4460640.48	5340075.78	504.53	3	D	A	73.9	6.3	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-40.0
6627	4460643.13	5340076.37	504.54	3	D	A	73.9	0.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.5	1.8	45.4	-45.7
6629	4460637.83	5340075.20	504.51	3	D	A	73.9	8.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-28.2
6631	4460641.56	5340076.02	504.53	3	D	A	73.9	-1.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-38.0
6633	4460642.05	5340076.13	504.53	3	D	A	73.9	-5.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-42.0
6635	4460642.29	5340076.18	504.54	3	D	A	73.9	-7.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-43.7
6637	4460642.44	5340076.21	504.54	3	D	A	73.9	-10.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-46.6
6639	4460643.73	5340076.50	504.54	3	D	A	73.9	4.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-32.5
6642	4460634.93	5340074.56	504.49	2	D	A	73.9	1.4	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	35.1	-32.0
6644	4460637.12	5340075.04	504.50	2	D	A	73.9	4.9	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	35.3	-28.6
6645	4460639.07	5340075.47	504.52	2	D	A	73.9	-0.6	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	36.1	-35.0
6647	4460639.55	5340075.58	504.52	2	D	A	73.9	-9.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.3	1.8	36.1	-44.0
6648	4460635.04	5340074.58	504.49	3	D	A	73.9	-0.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-37.0
6650	4460635.55	5340074.70	504.50	3	D	A	73.9	-9.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-45.8
6670	4460642.81	5340076.30	504.54	1	D	A	73.9	6.5	0.9	3.0	0.0	57.6	0.7	4.3	0.0	0.0	0.0	1.4	11.5	8.8
6671	4460783.53	5340111.98	504.03	0	D	A	73.9	13.6	0.9	3.0	0.0	58.7	0.8	4.4	0.0	0.0	0.9	1.5	0.0	25.2
6675	4460775.12	5340110.02	504.06	1	D	A	73.9	7.7	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	13.7	1.6	28.8	-24.1
6676	4460782.43	5340111.73	504.03	1	D	A	73.9	9.6	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	13.7	1.6	28.9	-22.4
6677	4460788.22	5340113.08	504.01	1	D	A	73.9	4.3	0.9	3.0	0.0	60.5	0.9	4.4	0.0	0.0	13.6	1.6	29.1	-28.0
6678	4460791.58	5340113.86	504.00	1	D	A	73.9	6.2	0.9	3.0	0.0	60.5	1.0	4.4	0.0	0.0	10.1	1.6	32.7	-26.2
6680	4460791.59	5340113.86	504.00	2	D	A	73.9	6.7	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	13.5	1.6	31.8	-29.7
6681	4460793.87	5340114.40	503.99	1	D	A	73.9	2.7	0.9	3.0	0.0	61.3	1.0	4.4	0.0	0.0	13.1	1.6	13.6	-14.6
6682	4460789.18	5340113.30	504.01	2	D	A	73.9	9.6	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	13.4	1.7	14.4	-10.3
6683	4460794.18	5340114.47	503.99	2	D	A	73.9	0.9	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	12.9	1.7	14.9	-18.8
6684	4460772.52	5340109.41	504.07	1	D	A	73.9	-3.1	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	13.6	1.6	19.5	-26.4
6685	4460773.91	5340109.74	504.06	1	D	A	73.9	3.8	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	13.6	1.6	19.4	-19.5
6686	4460777.76	5340110.64	504.05	1	D	A	73.9	7.4	0.9	3.0	0.0	61.1	1.0	4.4	0.0	0.0	13.6	1.6	19.4	-15.9
6687	4460785.75	5340112.50	504.02	1	D	A	73.9	10.4	0.9	3.0	0.0	61.2	1.0	4.4	0.0	0.0	13.5	1.6	19.6	-13.2
6688	4460792.91	5340114.17	504.00	1	D	A	73.9	5.9	0.9	3.0	0.0	61.3	1.0	4.4	0.0	0.0	13.1	1.6	20.1	-17.9
6689	4460786.38	5340112.65	504.02	2	D	A	73.9	5.0	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	13.4	1.7	21.2	-21.7
6690	4460772.93	5340109.51	504.06	1	D	A	73.9	1.3	0.9	3.0	0.0	59.2	0.8	4.4	0.0	0.0	3.6	1.5	3.8	5.8
6692	4460780.66	5340111.31	504.04	1	D	A	73.9	11.6	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	0.3	1.5	2.4	20.6
6696	4460794.31	5340114.50	503.99	1	D	A	73.9	-0.2	0.9	3.0	0.0	60.5	0.9	4.5	0.0	0.0	0.3	1.6	3.9	6.0
6790	4460648.19	5339878.46	505.38	0	D	A	73.9	16.5	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.1	1.6	0.0	25.0
6797	4460648.59	5339873.92	505.42	3	D	A	73.9	15.5	0.9	3.0	0.0	74.3	2.9	4.7	0.0	0.0	10.8	1.9	70.0	-71.2
6798	4460646.65	5339896.11	505.25	3	D	A	73.9	9.6	0.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	10.8	1.9	69.2	-76.2
6801	4460648.19	5339878.46	505.38	3	D	A	73.9	16.5	0.9	3.0	0.0	74.3	2.9	4.7	0.0	0.0	10.8	1.9	06.0	-206.2
6828	4460648.43	5339875.69	505.40	2	D	A	73.9	14.1	0.9	3.0	0.0	73.9	2.8	4.7	0.0	0.0	0.0	1.9	57.2	-48.6
6832	4460646.78	5339894.56	505.26	2	D	A	73.9	10.9	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	0.0	1.9	56.6	-51.1
6833	4460647.33	5339888.29	505.31	2	D	A	73.9	13.9	0.9	3.0	0.0	73.8	2.8	4.7	0.0	0.0	0.0	1.9	86.4	-177.8
6835	4460648.57	5339878.57	505.38	0	D	A	73.9	16.5	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.1	1.6	0.0	25.0
6861	4460648.08	5339883.78	505.34	3	D	A	73.9	15.3	0.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	10.8	1.9	69.6	-71.0
6865	4460650.17	5339861.62	505.51	3	D	A	73.9	10.2	0.9	3.0	0.0	74.4	2.9	4.7	0.0	0.0	10.7	1.9	70.4	-77.0
6867	4460648.57	5339878																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6978	4460630.76	5340068.18	504.50	2	D	A	73.9	4.6	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-77.1
6979	4460631.96	5340070.33	504.49	2	D	A	73.9	3.1	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.5	-78.5
6980	4460632.81	5340071.84	504.49	2	D	A	73.9	1.5	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.5	-80.1
6981	4460633.29	5340072.70	504.49	2	D	A	73.9	-2.5	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.5	-84.0
6983	4460631.49	5340069.49	504.50	3	D	A	73.9	7.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	01.7	-91.3
6986	4460630.21	5340067.21	504.50	1	D	A	73.9	-0.8	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	13.1	1.5	19.3	-20.5
6988	4460630.98	5340068.58	504.50	1	D	A	73.9	3.7	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	13.1	1.5	19.3	-15.9
6989	4460631.73	5340069.92	504.49	1	D	A	73.9	-1.4	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	13.0	1.5	19.3	-20.8
6990	4460633.08	5340072.32	504.49	1	D	A	73.9	6.8	0.9	3.0	0.0	58.3	0.8	4.3	0.0	0.0	11.2	1.5	21.2	-12.6
6991	4460632.56	5340071.39	504.49	3	D	A	73.9	-4.1	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	11.0	1.5	32.9	-36.4
6992	4460633.46	5340072.98	504.49	3	D	A	73.9	5.1	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	11.0	1.5	32.8	-27.1
6993	4460631.51	5340069.52	504.50	3	D	A	73.9	6.6	0.9	3.0	0.0	59.6	0.9	4.4	0.0	0.0	11.0	1.5	32.9	-25.8
6994	4460632.73	5340071.69	504.49	2	D	A	73.9	7.6	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-17.0
6995	4460634.20	5340074.31	504.49	2	D	A	73.9	-6.2	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-31.0
6996	4460633.54	5340073.13	504.49	3	D	A	73.9	4.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-38.9
6997	4460634.24	5340074.39	504.49	3	D	A	73.9	-12.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-55.8
6998	4460630.66	5340068.02	504.50	3	D	A	73.9	4.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	12.1	1.7	37.5	-39.4
6999	4460632.13	5340070.62	504.49	3	D	A	73.9	5.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.1	1.7	37.4	-38.3
7000	4460633.02	5340072.21	504.49	3	D	A	73.9	-4.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-48.3
7001	4460630.19	5340067.18	504.50	3	D	A	73.9	-1.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.3	1.8	46.5	-59.1
7002	4460631.86	5340070.14	504.49	3	D	A	73.9	7.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.3	1.8	46.4	-50.1
7003	4460633.79	5340073.59	504.49	3	D	A	73.9	2.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.4	1.8	46.3	-55.0
7008	4460633.11	5340072.37	504.49	1	D	A	73.9	6.7	0.9	3.0	0.0	59.2	0.9	4.4	0.0	0.0	0.3	1.5	5.8	12.4
7009	4460634.07	5340074.09	504.49	2	D	A	73.9	-1.3	0.9	3.0	0.0	62.7	1.2	4.6	0.0	0.0	0.1	1.7	25.8	-19.4
7010	4460632.07	5340070.52	504.49	2	D	A	73.9	9.3	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	0.1	1.7	25.9	-9.1
7011	4460630.78	5340068.22	504.50	2	D	A	73.9	5.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	34.0	-26.7
7012	4460630.78	5340068.22	504.50	3	D	A	73.9	-7.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.0	-45.5
7014	4460631.09	5340068.78	504.50	3	D	A	73.9	0.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.0	-38.2
7016	4460632.52	5340071.32	504.49	3	D	A	73.9	6.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	39.5	-32.3
7019	4460633.97	5340073.90	504.49	3	D	A	73.9	0.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.0	1.8	43.9	-43.7
7020	4460632.58	5340071.42	504.49	2	D	A	73.9	8.4	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	35.2	-25.1
7022	4460630.79	5340068.25	504.50	3	D	A	73.9	5.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.0	-33.4
7023	4460631.59	5340069.67	504.49	3	D	A	73.9	-17.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.1	-55.9
7024	4460631.91	5340070.24	504.49	3	D	A	73.9	1.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.3	-37.8
7025	4460632.27	5340070.87	504.49	3	D	A	73.9	-7.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.5	-46.8
7026	4460632.59	5340070.38	504.49	0	D	A	73.9	9.3	0.9	3.0	0.0	55.4	0.6	4.2	0.0	0.0	0.3	1.2	0.0	25.5
7029	4460633.74	5340072.32	504.49	2	D	A	73.9	-2.5	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-84.1
7030	4460633.24	5340071.47	504.49	2	D	A	73.9	1.5	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-80.2
7032	4460632.36	5340069.99	504.49	2	D	A	73.9	3.1	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-78.6
7033	4460631.12	5340067.90	504.50	2	D	A	73.9	4.5	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	13.4	1.7	76.6	-77.3
7041	4460631.85	5340069.13	504.49	3	D	A	73.9	7.5	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	01.8	-91.7
7051	4460633.46	5340071.85	504.49	1	D	A	73.9	7.1	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	11.2	1.5	21.2	-12.3
7052	4460631.96	5340069.31	504.49	1	D	A	73.9	-1.4	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	13.0	1.5	19.4	-21.0
7053	4460631.19	5340068.02	504.49	1	D	A	73.9	3.6	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	13.1	1.5	19.3	-16.0
7054	4460630.50	5340066.86	504.50	1	D	A	73.9	-4.1	0.9	3.0	0.0	58.5	0.8	4.3	0.0	0.0	13.1	1.5	19.3	-23.7
7055	4460633.84	5340072.49	504.49	3	D	A	73.9	5.7	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	11.0	1.5	32.9	-26.6
7056	4460632.80	5340070.74	504.49	3	D	A	73.9	-4.2	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	11.0	1.5	32.9	-36.6
7058	4460631.73	5340068.93	504.49	3	D	A	73.9	6.5	0.9	3.0	0.0	59.6	0.9	4.4	0.0	0.0	11.0	1.5	32.9	-25.9
7060	4460634.54	5340073.67	504.48	2	D	A	73.9	-0.3	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-25.0
7062	4460632.87	5340070.85	504.49	2	D	A	73.9	7.5	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	12.6	1.6	21.5	-17.1
7064	4460634.53	5340073.66	504.48	3	D	A	73.9	-0.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-43.5
7065	4460633.59	5340072.06	504.49	3	D	A	73.9	4.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	36.5	-39.1
7066	4460633.07	5340071.19	504.49	3	D	A	73.9	-5.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.9	1.7	36.6	-48.5
7068	4460632.18	5340069.68	504.49	3	D	A	73.9	5.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.1	1.7	37.5	-38.5
7070	4460630.88	5340067.50	504.50	3	D	A	73.9	2.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	12.1	1.7	37.5	-41.0
7073	4460634.12	5340072.97	504.48	3	D	A	73.9	4.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.4	1.8	46.3	-53.7
7075	4460631.98	5340069.34	504.49	3	D	A	73.9	7.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.3	1.8	46.4	-50.2
7076	4460630.44	5340066.76	504.50	3	D	A	73.9	-8.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.3	1.8	46.5	-66.2
7081	4460633.43	5340071.80	504.49	1	D	A	73.9	7.2	0.9	3.0	0.0	59.2	0.8	4.4	0.0	0.0	0.3	1.5	5.8	13.0
7083	4460634.37	5340073.38	504.48	2	D	A	73.9	2.0	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	0.1	1.7	25.8	-16.2
7084	4460632.31	5340069.90	504.49	2	D	A	73.9	8.7	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	0.1	1.7	25.9	-9.7
7085	4460631.02	5340067.73	504.50	2	D	A	73.9	3.8	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	34.0	-27.9
7086	4460634.36	5340073.36	504.48	3	D	A	73.9	2.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.3	1.8	44.7	-43.3
7087	4460632.76																			

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7092	4460632.50	5340070.22	504.49	3	D	A	73.9	-7.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	39.5	-46.9
7093	4460632.13	5340069.61	504.49	3	D	A	73.9	1.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.3	-37.8
7094	4460631.81	5340069.06	504.49	3	D	A	73.9	-17.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.0	-55.9
7095	4460631.10	5340067.87	504.50	3	D	A	73.9	4.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	39.0	-34.1
7096	4460634.77	5340074.05	504.48	3	D	A	73.9	-12.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	37.7	-48.9
7097	4460828.74	5340108.13	503.87	0	D	A	73.9	12.8	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.0	1.6	0.0	23.6
7098	4460838.93	5340100.66	503.88	0	D	A	73.9	8.0	0.9	3.0	0.0	60.5	0.9	4.5	0.0	0.0	2.3	1.6	0.0	16.1
7112	4460831.29	5340106.26	503.87	1	D	A	73.9	14.0	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	12.9	1.7	13.8	-4.3
7113	4460831.29	5340106.26	503.87	1	D	A	73.9	14.0	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	12.6	1.7	21.1	-12.0
7114	4460822.51	5340112.70	503.86	1	D	A	73.9	5.5	0.9	3.0	0.0	60.8	1.0	4.5	0.0	0.0	11.1	1.6	9.2	-4.8
7281	4460801.78	5340115.30	503.91	0	D	A	73.9	11.5	0.9	3.0	0.0	59.2	0.9	4.4	0.0	0.0	0.1	1.5	0.0	23.2
7290	4460797.49	5340114.88	503.96	1	D	A	73.9	7.4	0.9	3.0	0.0	61.4	1.0	4.4	0.0	0.0	13.1	1.6	13.6	-10.0
7291	4460800.92	5340115.21	503.92	1	D	A	73.9	1.6	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	13.1	1.6	13.6	-15.8
7292	4460805.21	5340115.63	503.88	1	D	A	73.9	8.6	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	13.0	1.6	13.6	-9.0
7293	4460795.09	5340114.64	503.99	2	D	A	73.9	-2.1	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	12.9	1.7	14.9	-21.8
7294	4460800.52	5340115.17	503.93	2	D	A	73.9	10.1	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	12.9	1.7	14.9	-9.4
7295	4460807.22	5340115.83	503.85	2	D	A	73.9	5.0	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	12.9	1.7	14.9	-14.4
7296	4460795.12	5340114.64	503.99	1	D	A	73.9	-1.6	0.9	3.0	0.0	61.4	1.0	4.4	0.0	0.0	13.1	1.6	20.1	-25.4
7299	4460806.34	5340115.74	503.86	1	D	A	73.9	6.9	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	12.7	1.7	20.7	-18.3
7300	4460805.24	5340115.64	503.87	2	D	A	73.9	8.5	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	12.6	1.7	22.1	-18.7
7305	4460801.78	5340115.30	503.91	1	D	A	73.9	11.5	0.9	3.0	0.0	60.3	0.9	4.5	0.0	0.0	0.3	1.6	3.8	17.9
7307	4461001.55	5339974.86	504.00	0	D	A	73.9	14.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.0	1.7	0.0	19.1
7308	4460981.14	5339987.09	503.94	0	D	A	73.9	13.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	0.0	19.0
7321	4460991.84	5339980.68	503.97	1	D	A	73.9	16.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	12.2	1.8	22.9	-14.4
7323	4461003.57	5339973.65	504.00	1	D	A	73.9	13.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	11.9	1.8	40.3	-35.9
7324	4460983.16	5339985.88	503.95	1	D	A	73.9	14.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.7	1.8	22.5	-17.3
7354	4461106.89	5339916.52	504.19	0	D	A	73.9	15.3	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.1	1.8	0.0	18.1
7355	4461134.62	5339897.77	504.16	0	D	A	73.9	15.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.0	1.8	0.0	17.6
7362	4461104.97	5339917.83	504.20	1	D	A	73.9	14.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	11.9	1.8	43.8	-39.6
7363	4461132.70	5339899.07	504.17	1	D	A	73.9	15.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.8	1.8	44.9	-40.0
7656	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	0.0	1.5	0.0	20.2
7658	4460813.77	5340116.01	503.84	1	D	A	73.9	-6.5	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	13.0	1.6	13.7	-24.2
7659	4460817.48	5340114.86	503.85	1	D	A	73.9	8.8	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	13.0	1.6	13.7	-9.0
7660	4460817.38	5340114.89	503.85	1	D	A	73.9	8.9	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	12.7	1.7	20.9	-16.6
7662	4460813.75	5340116.02	503.84	1	D	A	73.9	-7.0	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.0	1.6	2.7	1.2
7663	4460814.79	5340115.70	503.85	1	D	A	73.9	3.7	0.9	3.0	0.0	60.7	1.0	4.5	0.0	0.0	7.3	1.6	9.6	-3.1
7664	4460818.07	5340114.67	503.85	1	D	A	73.9	6.5	0.9	3.0	0.0	60.8	1.0	4.5	0.0	0.0	0.3	1.6	3.9	12.4
7665	4460820.66	5340113.87	503.86	1	D	A	73.9	-0.4	0.9	3.0	0.0	60.8	1.0	4.5	0.0	0.0	6.6	1.6	10.5	-7.5
7837	4461162.48	5339875.40	504.13	0	D	A	73.9	15.9	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.0	1.8	0.0	17.7
7877	4461158.17	5339879.39	504.14	1	D	A	73.9	14.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	11.7	1.8	46.0	-42.9
7879	4461172.36	5339866.26	504.12	1	D	A	73.9	10.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	11.2	1.8	47.0	-47.4
7997	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	0.0	1.5	0.0	18.4
8005	4460808.97	5340115.99	503.84	1	D	A	73.9	-4.2	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	13.0	1.6	13.7	-21.8
8006	4460811.41	5340116.02	503.84	1	D	A	73.9	6.5	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	13.0	1.6	13.7	-11.1
8007	4460809.15	5340115.99	503.84	2	D	A	73.9	-1.3	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	12.9	1.7	14.8	-20.7
8009	4460811.22	5340116.02	503.84	1	D	A	73.9	6.9	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	12.7	1.7	20.8	-18.4
8010	4460809.67	5340116.00	503.84	2	D	A	73.9	2.5	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	12.6	1.7	22.1	-24.6
8012	4460811.22	5340116.02	503.84	1	D	A	73.9	6.9	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.0	1.6	2.7	15.0
8311	4461152.64	5339862.11	503.94	0	D	A	73.9	9.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	0.0	11.3
8312	4461152.32	5339867.11	503.98	0	D	A	73.9	0.3	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.0	1.8	0.0	2.3
8317	4461152.66	5339861.76	503.94	1	D	A	73.9	9.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.5	1.8	28.2	-26.7
8318	4461152.35	5339866.76	503.97	1	D	A	73.9	2.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	8.5	1.8	28.1	-33.3
8319	4461152.83	5339858.99	503.91	1	D	A	73.9	4.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	12.0	1.8	45.9	-53.3
8320	4461152.52	5339863.99	503.95	1	D	A	73.9	8.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	11.3	1.8	46.5	-48.8
8321	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.2	1.8	0.0	11.6
8323	4461155.60	5339853.34	503.94	1	D	A	73.9	10.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.5	1.8	28.2	-26.0
8324	4461155.60	5339853.34	503.94	1	D	A	73.9	10.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	12.0	1.8	46.1	-47.7
8368	4461162.10	5339847.40	503.94	0	D	A	73.9	9.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.2	1.8	0.0	10.6
8369	4461162.10	5339847.40	503.94	1	D	A	73.9	9.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.5	1.8	28.3	-27.1
8370	4461162.10	5339847.40	503.94	1	D	A	73.9	9.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	12.0	1.8	46.4	-49.0
8371	4461169.79	5339846.65	503.90	0	D	A	73.9	9.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	10.5
8376	4461169.79	5339846.65	503.90	1	D	A	73.9	9.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.5	1.8	28.4	-27.4
8377	4461172.19	5339847.19	503.90	1	D	A	73.9	4.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.2	1.8	47.4	-53.7
8378	4461168.31	5339846.31																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8404	4461177.32	5339851.25	503.97	0	D	A	73.9	-6.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.0	1.8	0.0	-5.4
8411	4461178.23	5339854.57	504.02	1	D	A	73.9	6.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.4	1.8	28.4	-30.1
8412	4461177.48	5339851.82	503.98	1	D	A	73.9	1.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.4	1.8	28.4	-35.0
8414	4461178.76	5339856.51	504.05	1	D	A	73.9	-5.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.2	1.8	47.4	-64.0
8415	4461178.54	5339855.70	504.04	1	D	A	73.9	1.5	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.2	1.8	47.4	-57.1
8416	4461177.82	5339853.09	504.00	1	D	A	73.9	6.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.2	1.8	47.4	-52.5
8419	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.0	1.8	0.0	9.0
8421	4461151.17	5339869.90	503.99	1	D	A	73.9	7.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	8.5	1.8	28.1	-28.7
8422	4461151.17	5339869.90	503.99	1	D	A	73.9	7.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	11.3	1.8	46.4	-50.2
8423	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.0	1.8	0.0	8.6
8427	4461175.98	5339849.84	503.95	1	D	A	73.9	5.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.4	1.8	28.4	-30.8
8428	4461174.17	5339848.03	503.91	1	D	A	73.9	1.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.5	1.8	28.4	-34.9
8429	4461175.48	5339849.34	503.94	1	D	A	73.9	7.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.2	1.8	47.4	-51.5

Immissionspunkt
 Bez.: IO 1a Peter-Müller 4
 ID: IO
 X: 4460394.46 m
 Y: 5340191.41 m
 Z: 508.51 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
2	4461048.21	5339870.45	504.49	0	D	A	90.2	19.3	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	36.8
6	4460884.31	5339939.04	504.42	0	D	A	90.2	24.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.1	1.8	0.0	44.6
11	4460747.35	5339996.36	504.37	0	D	A	90.2	14.3	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	1.2	1.7	0.0	36.7
125	4460918.38	5339924.79	504.44	1	D	A	90.2	12.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	14.3	1.8	21.5	-4.2
126	4460907.03	5339929.53	504.43	1	D	A	90.2	7.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	14.3	1.8	21.4	-9.8
127	4460903.83	5339930.87	504.43	1	D	A	90.2	2.7	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	14.3	1.8	21.4	-14.0
128	4460885.59	5339938.51	504.43	1	D	A	90.2	15.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	14.3	1.8	21.2	-0.5
129	4460856.09	5339950.85	504.41	1	D	A	90.2	14.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	14.4	1.8	20.9	-1.3
130	4460818.36	5339966.64	504.40	1	D	A	90.2	17.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	14.5	1.8	20.4	3.0
131	4460771.87	5339986.10	504.38	1	D	A	90.2	16.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	14.6	1.7	19.9	3.5
132	4460750.75	5339994.94	504.37	1	D	A	90.2	-2.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	14.7	1.7	19.6	-15.3
133	4460742.67	5339998.32	504.36	1	D	A	90.2	12.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	14.8	1.7	19.5	0.1
137	4460946.93	5339912.84	504.45	2	D	A	90.2	-3.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	13.8	1.8	23.5	-23.4
141	4461005.43	5339888.35	504.48	2	D	A	90.2	9.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	13.6	1.8	24.3	-11.8
143	4461001.20	5339890.12	504.47	2	D	A	90.2	-3.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	13.9	1.8	24.0	-24.5
150	4460933.02	5339918.66	504.45	2	D	A	90.2	10.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	13.8	1.8	23.5	-9.1
152	4460927.78	5339920.85	504.44	2	D	A	90.2	-7.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	13.8	1.8	23.6	-27.0
154	4460925.73	5339921.71	504.44	2	D	A	90.2	6.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	13.8	1.8	23.6	-13.3
156	4460923.18	5339922.78	504.44	2	D	A	90.2	1.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	13.8	1.8	23.6	-18.5
158	4460920.91	5339923.72	504.44	2	D	A	90.2	5.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.2	1.8	23.1	-14.0
159	4460918.80	5339924.61	504.44	2	D	A	90.2	-0.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.2	1.8	23.1	-19.7
160	4460917.98	5339924.95	504.44	2	D	A	90.2	-1.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.2	1.8	23.1	-20.6
161	4460900.98	5339932.07	504.43	2	D	A	90.2	3.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	14.0	1.8	41.1	-33.1
162	4460889.68	5339936.79	504.43	2	D	A	90.2	5.3	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	13.9	1.8	23.1	-13.3
163	4460887.69	5339937.63	504.43	2	D	A	90.2	-0.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	13.9	1.8	23.1	-19.0
164	4460885.70	5339938.46	504.43	2	D	A	90.2	5.3	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	13.9	1.8	23.1	-13.3
168	4461075.85	5339858.88	504.51	1	D	A	90.2	14.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	13.9	1.8	23.2	-6.7
169	4461029.79	5339878.16	504.49	1	D	A	90.2	18.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	14.0	1.8	22.7	-1.1
170	4460964.82	5339905.35	504.46	1	D	A	90.2	18.2	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	14.2	1.8	22.0	-0.0
171	4460931.17	5339919.43	504.44	1	D	A	90.2	8.0	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	14.2	1.8	21.7	-9.4
172	4460925.58	5339921.77	504.44	1	D	A	90.2	7.6	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.3	1.8	21.6	-9.7
185	4460944.23	5339913.97	504.45	1	D	A	90.2	-2.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	15.4	0.6
189	4460962.19	5339906.45	504.46	1	D	A	90.2	5.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.2	1.8	9.1	12.9
191	4460959.85	5339907.43	504.46	1	D	A	90.2	2.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.2	1.8	9.0	9.7
193	4460972.72	5339902.04	504.46	3	D	A	90.2	0.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.4	1.8	9.9	7.3
194	4460978.66	5339899.56	504.46	3	D	A	90.2	3.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.5	1.8	10.0	10.1
195	4460975.45	5339900.90	504.46	3	D	A	90.2	6.9	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.5	1.8	10.0	13.9
196	4460970.23	5339903.09	504.46	1	D	A	90.2	10.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.4	1.8	9.4	17.3
198	4460964.46	5339905.50	504.46	1	D	A	90.2	1.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.3	1.8	9.2	9.3
201	4461010.90	5339886.06	504.48	1	D	A	90.2	4.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.2	1.8	4.7	17.0
202	4461006.85	5339887.76	504.48	1	D	A	90.2	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.3	1.8	4.7	20.6
204	4461003.74	5339889.06	504.48	1	D	A	90.2	-2.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	4.6	10.8
206	4461000.64	5339890.36	504.47	1	D	A	90.2	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.8	1.8	5.3	19.5
209	4460984.12	5339897.27	504.47	1	D	A	90.2	6.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.7	1.8	6.2	15.8
210	4460978.78	5339899.51	504.46	1	D	A	90.2	8.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.7	1.8	6.2	18.7
211	4460995.69	5339892.43	504.47	1	D	A	90.2	6.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.1	1.8	5.6	17.8
212	4460990.72	5339894.51	504.47	1	D	A	90.2	7.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.3	1.8	5.8	18.4
213	4460986.94	5339896.09	504.47	1	D	A	90.2	3.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.5	1.8	6.0	13.4
214	4460939.27	5339916.04	504.45	1	D	A	90.2	9.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	4.4	24.1
215	4460932.26	5339918.97	504.44	1	D	A	90.2	7.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	4.4	21.6
216	4460927.23	5339921.08	504.44	1	D	A	90.2	7.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.6	1.8	4.8	20.7
217	4460922.30	5339923.14	504.44	1	D	A	90.2	7.2	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.8	1.8	5.0	20.3
218	4460913.89	5339926.66	504.44	1	D	A	90.2	11.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	9.2	1.8	10.3	10.5
219	4460906.52	5339929.75	504.43	1	D	A	90.2	4.8	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.6	1.8	4.8	18.3
220	4460903.64	5339930.95	504.43	1	D	A	90.2	5.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.9	1.8	5.1	17.9
221	4460901.17	5339931.99	504.43	1	D	A	90.2	3.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.0	1.8	5.2	15.9
222	4460891.21	5339936.15	504.43	1	D	A	90.2	12.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	3.1	1.8	11.1	17.6

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
223	4460881.02	5339940.42	504.42	1	D	A	90.2	4.2	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	2.3	1.8	10.2	10.5
224	4460878.94	5339941.29	504.42	1	D	A	90.2	2.7	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.5	1.8	9.1	11.1
225	4460876.00	5339942.52	504.42	1	D	A	90.2	6.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.5	1.8	9.1	14.9
226	4460870.03	5339945.02	504.42	1	D	A	90.2	9.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.9	1.8	9.8	16.5
227	4460864.49	5339947.34	504.42	1	D	A	90.2	5.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	2.1	1.8	10.0	12.4
228	4460885.98	5339938.34	504.43	3	D	A	90.2	11.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	1.8	1.8	21.9	6.1
231	4460806.22	5339971.72	504.39	3	D	A	90.2	10.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	18.4	9.1
232	4460788.30	5339979.22	504.38	3	D	A	90.2	14.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	18.8	12.2
237	4460904.41	5339930.63	504.43	3	D	A	90.2	7.7	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.5	1.8	18.8	6.9
238	4460900.76	5339932.16	504.43	3	D	A	90.2	3.0	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.5	1.8	18.7	2.4
240	4460899.54	5339932.67	504.43	3	D	A	90.2	-1.8	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.5	1.8	18.6	-2.4
242	4460870.63	5339944.77	504.42	3	D	A	90.2	3.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.7	1.8	38.3	-17.2
244	4460869.49	5339945.24	504.42	3	D	A	90.2	-3.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.3	1.8	36.5	-21.5
247	4460838.07	5339958.39	504.40	1	D	A	90.2	3.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.6	1.8	7.8	14.9
248	4460834.25	5339959.99	504.40	1	D	A	90.2	7.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	20.1
250	4460828.01	5339962.60	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	21.3
255	4460742.02	5339998.59	504.36	1	D	A	90.2	1.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	15.5	4.4
257	4460740.25	5339999.33	504.36	1	D	A	90.2	4.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	15.5	7.1
259	4460738.18	5340000.20	504.36	1	D	A	90.2	3.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	15.5	6.1
260	4460736.10	5340001.07	504.36	1	D	A	90.2	4.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	15.4	7.2
264	4460860.15	5339949.15	504.41	2	D	A	90.2	8.7	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	2.9	1.9	50.5	-29.0
265	4460853.96	5339951.74	504.41	2	D	A	90.2	7.7	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	2.9	1.9	50.4	-29.9
266	4460847.86	5339954.30	504.41	2	D	A	90.2	8.6	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.0	1.9	48.5	-26.1
267	4460956.15	5339908.98	504.45	3	D	A	90.2	1.4	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	0.4	1.9	51.3	-36.9
271	4460959.29	5339907.66	504.46	3	D	A	90.2	-9.0	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	0.4	1.9	51.3	-47.2
272	4460958.80	5339907.87	504.46	3	D	A	90.2	-0.3	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	0.4	1.9	51.4	-38.7
273	4460957.58	5339908.38	504.46	3	D	A	90.2	2.4	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	0.4	1.9	51.4	-36.0
274	4460921.98	5339923.28	504.44	3	D	A	90.2	-9.3	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.3	1.9	48.1	-43.4
275	4460921.53	5339923.47	504.44	3	D	A	90.2	-0.6	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.1	1.9	46.3	-32.8
276	4460919.79	5339924.19	504.44	3	D	A	90.2	4.6	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.1	1.9	46.3	-27.6
277	4460894.42	5339934.81	504.43	3	D	A	90.2	4.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	45.6	-26.6
278	4460860.47	5339949.02	504.41	1	D	A	90.2	7.2	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.9	1.8	9.8	14.4
279	4460851.52	5339952.77	504.41	1	D	A	90.2	11.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.6	1.8	9.3	19.5
280	4460843.77	5339956.01	504.41	1	D	A	90.2	4.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.3	1.8	8.9	12.8
281	4460842.45	5339956.56	504.41	1	D	A	90.2	-5.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.9	1.8	8.4	4.2
282	4460814.93	5339968.08	504.40	1	D	A	90.2	10.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	15.3	13.7
283	4460797.15	5339975.52	504.39	1	D	A	90.2	14.4	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.1	1.8	15.3	17.8
284	4460777.03	5339983.94	504.38	1	D	A	90.2	12.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.3	1.8	16.0	14.6
285	4460766.15	5339988.49	504.37	1	D	A	90.2	8.9	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.6	1.8	17.0	10.0
286	4460851.13	5339952.93	504.41	3	D	A	90.2	10.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	1.1	1.8	20.6	7.1
287	4460845.02	5339955.49	504.41	3	D	A	90.2	4.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.9	1.8	20.2	2.0
288	4460842.20	5339956.67	504.41	3	D	A	90.2	5.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.9	1.8	20.0	2.9
289	4460855.49	5339951.10	504.41	3	D	A	90.2	-5.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	1.2	1.8	21.0	-8.8
293	4460870.47	5339944.83	504.42	1	D	A	90.2	4.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	17.3
295	4460868.97	5339945.46	504.42	1	D	A	90.2	-6.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	6.3
301	4460858.55	5339949.82	504.41	1	D	A	90.2	13.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	26.0
304	4460848.10	5339954.19	504.41	1	D	A	90.2	-5.4	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	6.9	7.2
305	4460842.84	5339956.40	504.41	1	D	A	90.2	10.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	6.9	23.0
309	4460903.18	5339931.14	504.43	1	D	A	90.2	3.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	95.8	-73.2
329	4460901.31	5339931.93	504.43	3	D	A	90.2	-3.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	35.1	-20.1
332	4460883.84	5339939.24	504.42	1	D	A	90.2	4.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	6.9	17.1
339	4460879.85	5339940.91	504.42	1	D	A	90.2	7.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	6.9	20.1
343	4460889.93	5339936.69	504.43	1	D	A	90.2	10.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	22.6
346	4460923.39	5339922.68	504.44	1	D	A	90.2	1.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	4.9	1.8	8.9	5.9
347	4460920.34	5339923.96	504.44	1	D	A	90.2	7.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	4.6	1.8	8.7	11.5
348	4460917.70	5339925.07	504.44	1	D	A	90.2	-1.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	4.4	1.8	8.6	2.9
349	4460915.85	5339925.84	504.44	1	D	A	90.2	5.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	8.1	1.8	10.4	4.6
350	4460911.63	5339927.61	504.44	1	D	A	90.2	7.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	8.2	1.8	10.4	6.9
351	4460907.39	5339929.38	504.43	1	D	A	90.2	5.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	8.1	1.8	10.4	4.6
352	4460900.89	5339932.10	504.43	1	D	A	90.2	10.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.2	1.8	7.6	17.3
353	4460895.17	5339934.50	504.43	1	D	A	90.2	2.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	2.8	1.8	7.3	10.1
354	4460893.04	5339935.39	504.43	1	D	A	90.2	4.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	2.5	1.8	7.1	12.8
355	4460888.20	5339937.42	504.43	1	D	A	90.2	8.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.3	1.8	7.8	15.4
356	4460880.12	5339940.80	504.42	1	D	A	90.2	9.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	2.0			

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
367	4460904.02	5339930.79	504.43	3	D	A	90.2	3.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.9	1.8	14.0	3.8
368	4460902.44	5339931.45	504.43	3	D	A	90.2	1.1	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.8	1.8	13.8	1.8
369	4460898.16	5339933.25	504.43	3	D	A	90.2	9.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.6	1.8	13.5	10.3
371	4460894.02	5339934.98	504.43	3	D	A	90.2	-0.1	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.4	1.8	13.2	1.7
374	4460765.97	5339988.57	504.37	3	D	A	90.2	11.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	19.4	7.4
375	4460748.90	5339995.71	504.37	3	D	A	90.2	13.8	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	19.5	9.6
376	4460736.38	5340000.95	504.36	3	D	A	90.2	5.3	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	19.6	0.9
385	4460936.90	5339917.03	504.45	1	D	A	90.2	9.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	6.3	1.8	9.7	10.8
386	4460928.87	5339920.39	504.44	1	D	A	90.2	9.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	5.4	1.8	9.3	12.8
388	4460958.71	5339907.91	504.46	3	D	A	90.2	5.4	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	1.5	1.8	11.5	9.9
394	4460866.57	5339928.54	504.35	0	D	A	90.2	18.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	0.0	38.9
395	4460961.82	5339888.44	504.37	0	D	A	90.2	21.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	0.0	40.1
424	4460845.22	5339937.53	504.35	1	D	A	90.2	13.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	14.2	1.8	21.0	-1.7
425	4460885.82	5339920.44	504.36	1	D	A	90.2	18.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.1	1.8	21.5	1.6
426	4460929.60	5339902.01	504.36	1	D	A	90.2	14.9	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	14.0	1.8	21.9	-2.8
427	4460963.88	5339887.57	504.37	1	D	A	90.2	16.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.0	1.8	22.3	-2.0
429	4460985.09	5339878.64	504.37	1	D	A	90.2	3.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	13.9	1.8	22.5	-15.6
430	4460988.82	5339877.07	504.37	1	D	A	90.2	7.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	13.9	1.8	22.6	-11.3
431	4461002.03	5339871.51	504.37	1	D	A	90.2	13.6	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	13.9	1.8	22.7	-5.8
435	4460911.16	5339909.77	504.36	2	D	A	90.2	-1.1	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	14.4	1.8	22.8	-20.3
438	4460911.96	5339909.43	504.36	2	D	A	90.2	-0.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	14.4	1.8	22.8	-19.4
439	4460914.02	5339908.56	504.36	2	D	A	90.2	5.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	14.3	1.8	22.8	-13.7
440	4460916.23	5339907.63	504.36	2	D	A	90.2	1.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.8	1.8	23.4	-18.2
441	4460918.72	5339906.58	504.36	2	D	A	90.2	6.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.8	1.8	23.4	-13.0
443	4460920.72	5339905.74	504.36	2	D	A	90.2	-7.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.8	1.8	23.4	-26.7
445	4460925.83	5339903.59	504.36	2	D	A	90.2	10.4	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.8	1.8	23.4	-8.8
446	4460878.94	5339923.33	504.35	2	D	A	90.2	5.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	13.9	1.8	22.9	-13.0
447	4460880.88	5339922.52	504.36	2	D	A	90.2	-0.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	13.9	1.8	22.9	-18.7
448	4460882.82	5339921.70	504.36	2	D	A	90.2	5.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	13.9	1.8	22.9	-13.0
449	4460898.35	5339915.16	504.36	2	D	A	90.2	3.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	14.0	1.8	22.8	-14.7
450	4460932.37	5339900.84	504.36	2	D	A	90.2	9.2	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	13.9	1.8	12.5	-99.0
454	4460939.31	5339897.92	504.36	2	D	A	90.2	-3.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.9	1.8	23.3	-23.1
457	4460993.58	5339875.07	504.37	2	D	A	90.2	-3.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	14.0	1.8	23.7	-24.2
458	4460997.72	5339873.33	504.37	2	D	A	90.2	9.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.7	1.8	24.1	-11.5
466	4461010.35	5339868.01	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	13.9	1.8	22.8	-11.2
468	4461016.87	5339865.27	504.37	1	D	A	90.2	8.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	13.8	1.8	22.9	-11.0
469	4461022.55	5339862.88	504.38	1	D	A	90.2	6.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.8	1.8	22.9	-12.9
472	4460857.89	5339932.20	504.35	1	D	A	90.2	5.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.5	1.8	11.8	9.3
474	4460863.28	5339929.92	504.35	1	D	A	90.2	9.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.4	1.8	7.7	17.2
475	4460869.09	5339927.48	504.35	1	D	A	90.2	6.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.3	1.8	7.5	14.8
476	4460871.96	5339926.27	504.35	1	D	A	90.2	2.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.1	1.8	7.3	11.4
478	4460873.98	5339925.42	504.35	1	D	A	90.2	4.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	4.1	1.8	8.0	11.1
480	4460883.89	5339921.25	504.36	1	D	A	90.2	12.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	5.4	1.8	8.9	17.6
482	4460893.59	5339917.17	504.36	1	D	A	90.2	3.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	1.7	1.8	5.9	14.7
484	4460895.99	5339916.15	504.36	1	D	A	90.2	5.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.6	1.8	5.7	16.8
486	4460898.79	5339914.98	504.36	1	D	A	90.2	4.6	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.1	1.8	5.3	17.4
488	4460905.97	5339911.95	504.36	1	D	A	90.2	11.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.4	1.8	10.0	5.7
490	4460914.15	5339908.51	504.36	1	D	A	90.2	7.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.5	1.8	5.7	18.9
493	4460918.94	5339906.49	504.36	1	D	A	90.2	7.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.3	1.8	3.7	21.4
496	4460923.84	5339904.43	504.36	1	D	A	90.2	7.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	3.0	23.2
498	4460930.66	5339901.56	504.36	1	D	A	90.2	9.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	3.0	25.6
502	4460879.15	5339923.24	504.35	3	D	A	90.2	11.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	3.9	1.8	14.1	12.0
504	4460892.47	5339917.64	504.36	3	D	A	90.2	-2.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.8	1.8	19.4	-3.4
505	4460893.66	5339917.14	504.36	3	D	A	90.2	2.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.8	1.8	19.5	1.4
506	4460897.21	5339915.64	504.36	3	D	A	90.2	7.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.9	1.8	19.6	5.9
509	4460862.54	5339930.24	504.35	3	D	A	90.2	-3.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.6	1.8	37.5	-22.6
510	4460863.65	5339929.77	504.35	3	D	A	90.2	2.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.2	1.8	39.6	-18.9
511	4460837.22	5339940.89	504.35	3	D	A	90.2	8.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	9.3	16.2
514	4460837.66	5339940.71	504.35	1	D	A	90.2	8.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	21.4
517	4460841.12	5339939.25	504.35	1	D	A	90.2	-5.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	7.4
519	4460851.27	5339934.98	504.35	1	D	A	90.2	13.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	26.2
520	4460861.39	5339930.72	504.35	1	D	A	90.2	-6.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	6.5
523	4460862.85	5339930.11	504.35	1	D	A	90.2	4.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	17.5
525	4460893.45	5339917.23	504.36	3	D	A	90.2	-3.7	0.9	3.0	0.0	67.1	1.6							

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
539	4460837.71	5339940.69	504.35	1	D	A	90.2	4.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.3	1.8	10.3	10.6
541	4460845.25	5339937.51	504.35	1	D	A	90.2	11.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.7	1.8	10.8	17.0
542	4460853.97	5339933.84	504.35	1	D	A	90.2	7.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.2	1.8	11.5	11.5
544	4460836.42	5339941.23	504.35	3	D	A	90.2	5.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.7	1.8	11.8	10.4
546	4460839.17	5339940.08	504.35	3	D	A	90.2	4.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.8	1.8	12.0	9.4
547	4460845.12	5339937.57	504.35	3	D	A	90.2	10.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	2.1	1.8	12.5	14.4
554	4460849.43	5339935.75	504.35	3	D	A	90.2	-5.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	2.3	1.8	23.4	-12.1
562	4460899.08	5339914.86	504.36	1	D	A	90.2	3.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	14.9	7.9
565	4460952.06	5339892.55	504.37	1	D	A	90.2	2.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	3.8	1.8	8.1	8.2
566	4460954.34	5339891.59	504.37	1	D	A	90.2	5.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.0	1.8	6.5	14.8
567	4460965.09	5339887.06	504.37	3	D	A	90.2	0.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.8	1.8	10.4	6.7
569	4460967.76	5339885.94	504.37	3	D	A	90.2	6.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.8	1.8	10.5	13.1
570	4460970.89	5339884.62	504.37	3	D	A	90.2	3.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.9	1.8	10.6	9.3
572	4460956.57	5339890.65	504.37	1	D	A	90.2	1.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.1	1.8	6.6	11.1
573	4460962.19	5339888.28	504.37	1	D	A	90.2	10.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.3	1.8	6.9	19.1
575	4460935.38	5339899.57	504.36	1	D	A	90.2	-2.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	15.2	0.9
577	4460938.11	5339898.42	504.36	1	D	A	90.2	7.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	3.9	1.8	13.7	8.8
579	4460991.86	5339875.79	504.37	1	D	A	90.2	7.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	1.3	1.8	3.9	20.5
581	4460994.88	5339874.52	504.37	1	D	A	90.2	-2.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.2	1.8	3.1	12.3
583	4460997.92	5339873.24	504.37	1	D	A	90.2	7.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.4	1.8	3.3	22.0
584	4461001.87	5339871.58	504.37	1	D	A	90.2	4.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.4	1.8	3.3	18.3
586	4460970.54	5339884.77	504.37	1	D	A	90.2	8.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.7	1.8	7.3	16.7
587	4460975.75	5339882.58	504.37	1	D	A	90.2	5.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.7	1.8	7.4	13.7
589	4460978.49	5339881.42	504.37	1	D	A	90.2	3.1	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.5	1.8	7.2	11.5
590	4460982.17	5339879.87	504.37	1	D	A	90.2	7.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	2.2	1.8	6.9	16.7
591	4460987.02	5339877.83	504.37	1	D	A	90.2	6.6	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	1.8	1.8	4.3	18.5
593	4460874.32	5339925.28	504.35	1	D	A	90.2	9.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	4.5	1.8	8.8	14.5
594	4460882.21	5339921.96	504.36	1	D	A	90.2	8.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	5.3	1.8	9.4	12.0
595	4460886.94	5339919.97	504.36	1	D	A	90.2	4.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	5.0	1.8	9.3	8.2
597	4460889.01	5339919.09	504.36	1	D	A	90.2	2.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	4.4	1.8	8.6	7.3
599	4460894.60	5339916.74	504.36	1	D	A	90.2	10.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	4.9	1.8	9.0	14.4
600	4460900.94	5339914.07	504.36	1	D	A	90.2	5.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.7	1.8	10.5	-1.0
601	4460905.08	5339912.33	504.36	1	D	A	90.2	7.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.8	1.8	10.5	1.3
602	4460909.20	5339910.59	504.36	1	D	A	90.2	5.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	13.7	1.8	10.5	-1.0
604	4460911.00	5339909.84	504.36	1	D	A	90.2	-2.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	6.7	1.8	9.9	-0.5
605	4460913.58	5339908.75	504.36	1	D	A	90.2	6.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.1	1.8	10.0	7.9
606	4460916.56	5339907.50	504.36	1	D	A	90.2	1.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.5	1.8	10.2	2.2
607	4460888.34	5339919.37	504.36	3	D	A	90.2	-0.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	3.8	1.8	15.1	-1.4
608	4460892.39	5339917.67	504.36	3	D	A	90.2	8.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	4.1	1.8	15.4	7.1
609	4460896.57	5339915.91	504.36	3	D	A	90.2	1.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	4.4	1.8	15.8	-1.5
611	4460898.11	5339915.26	504.36	3	D	A	90.2	3.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	4.5	1.8	15.9	0.4
612	4460900.55	5339914.24	504.36	3	D	A	90.2	5.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.0	1.8	16.7	-7.0
613	4460903.13	5339913.15	504.36	3	D	A	90.2	3.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.1	1.8	16.6	-8.3
615	4460904.27	5339912.67	504.36	3	D	A	90.2	-10.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.1	1.8	16.6	-22.8
616	4460905.65	5339912.09	504.36	3	D	A	90.2	4.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	13.9	1.8	15.8	-7.4
629	4460921.93	5339905.23	504.36	1	D	A	90.2	9.6	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	8.3	1.8	10.5	8.9
631	4460929.77	5339901.94	504.36	1	D	A	90.2	8.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	9.8	1.8	10.8	6.3
633	4460951.49	5339892.79	504.37	3	D	A	90.2	5.3	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.7	1.8	13.1	7.1
636	4460743.45	5339922.43	504.38	0	D	A	90.2	14.2	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	0.2	1.7	0.0	36.7
637	4460774.43	5339923.70	504.37	0	D	A	90.2	16.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.3	1.7	0.0	38.0
694	4460745.27	5339923.09	504.38	3	D	A	90.2	0.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	9.2	11.1
697	4460748.69	5339924.34	504.38	3	D	A	90.2	7.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	9.2	17.9
699	4460754.31	5339926.38	504.38	3	D	A	90.2	7.7	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	9.2	17.8
705	4460750.15	5339924.87	504.38	1	D	A	90.2	9.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	2.3	1.8	9.9	16.8
708	4460762.30	5339929.29	504.37	1	D	A	90.2	12.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.1	1.8	8.7	22.3
715	4460781.82	5339936.39	504.37	1	D	A	90.2	13.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	6.9	26.2
717	4460758.75	5339928.00	504.38	3	D	A	90.2	4.4	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	1.3	1.8	10.8	11.7
719	4460760.26	5339928.54	504.38	3	D	A	90.2	-3.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	1.3	1.8	10.7	3.5
720	4460731.47	5339918.07	504.39	2	D	A	90.2	-1.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	16.1	1.9
722	4460733.25	5339918.72	504.38	2	D	A	90.2	4.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	16.1	7.9
723	4460734.94	5339919.34	504.38	2	D	A	90.2	-2.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	8.0	8.9
725	4460737.75	5339920.36	504.38	1	D	A	90.2	11.5	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	4.2	27.8
728	4460782.72	5339936.71	504.37	2	D	A	90.2	2.5	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.2	1.8	35.2	-14.4
734	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	4.1	1.6</		

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
817	4460678.07	5339990.25	504.34	2	D	A	90.2	7.1	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	3.8	1.7	21.6	4.1
818	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	3.9	1.6	0.0	29.8
844	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	6.6	1.6	0.0	27.1
854	4460697.83	5340003.83	504.38	2	D	A	90.2	0.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.0	1.8	20.7	-14.4
856	4460695.71	5340002.88	504.37	2	D	A	90.2	5.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.0	1.8	20.8	-9.0
858	4460667.01	5339954.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	3.6	1.7	0.0	30.0
875	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	6.7	1.6	0.0	26.9
893	4460705.16	5340005.64	504.36	0	D	A	90.2	-0.1	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	5.8	1.7	0.0	18.8
894	4460701.49	5340004.78	504.37	0	D	A	90.2	8.2	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	5.8	1.6	0.0	27.1
903	4460701.98	5340004.90	504.37	2	D	A	90.2	8.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.0	1.8	20.7	-5.7
904	4460698.32	5340004.05	504.38	2	D	A	90.2	-14.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.0	1.8	20.7	-28.7
905	4460674.90	5339986.32	504.35	0	D	A	90.2	-5.0	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	4.7	1.6	0.0	15.5
906	4460673.25	5339983.17	504.35	0	D	A	90.2	8.3	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	4.4	1.6	0.0	29.1
939	4460709.45	5340006.00	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	5.0	1.7	0.0	28.5
955	4460705.87	5340005.76	504.36	2	D	A	90.2	-3.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.0	1.8	20.6	-17.5
963	4460670.20	5339977.00	504.37	0	D	A	90.2	8.4	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	4.2	1.6	0.0	29.4
1034	4460669.26	5339975.01	504.39	1	D	A	90.2	4.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	85.8	-60.7
1035	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	3.1	1.7	0.0	30.1
1065	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	4.7	1.7	0.0	28.3
1081	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	4.1	1.7	0.0	28.9
1099	4460727.35	5340004.31	504.39	1	D	A	90.2	-0.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	14.9	1.7	19.2	-12.1
1101	4460724.23	5340005.01	504.39	1	D	A	90.2	7.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	15.0	1.7	19.2	-4.2
1103	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	62.7	1.2	4.5	0.0	0.0	3.5	1.7	0.0	29.3
1107	4460731.71	5340002.76	504.38	1	D	A	90.2	8.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	14.9	1.7	19.3	-3.6
1108	4460728.19	5340004.06	504.39	1	D	A	90.2	-0.8	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	14.9	1.7	19.2	-12.5
1111	4460681.28	5339927.12	504.36	0	D	A	90.2	8.4	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	1.2	1.7	0.0	31.1
1123	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.4	1.7	0.0	31.8
1143	4460696.93	5339917.54	504.33	2	D	A	90.2	5.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.3	1.8	19.6	3.5
1144	4460700.48	5339916.27	504.36	2	D	A	90.2	6.0	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	16.3	8.4
1145	4460700.28	5339916.34	504.36	1	D	A	90.2	6.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.2	1.7	13.7	15.0
1146	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	0.3	1.7	0.0	31.8
1177	4460703.57	5339915.42	504.37	2	D	A	90.2	4.0	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	16.3	6.5
1178	4460709.09	5339914.56	504.38	3	D	A	90.2	1.7	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	01.2	-80.6
1179	4460705.08	5339915.18	504.37	1	D	A	90.2	7.5	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	13.7	16.1
1180	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	2.6	1.7	0.0	29.5
1194	4460670.90	5339940.99	504.37	2	D	A	90.2	6.1	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	2.1	1.7	88.8	-61.9
1197	4460686.54	5339922.82	504.35	0	D	A	90.2	8.3	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.8	1.7	0.0	31.2
1224	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.3	1.7	0.0	31.7
1255	4460717.33	5339914.56	504.37	1	D	A	90.2	-7.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.0	1.8	11.7	-3.3
1257	4460709.94	5339914.45	504.38	3	D	A	90.2	-6.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	01.2	-88.5
1263	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	0.6	1.7	0.0	31.2
1322	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	1.6	1.7	0.0	30.2
1353	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.2	1.7	0.0	31.3
1372	4460718.45	5339914.76	504.38	1	D	A	90.2	3.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.6	1.8	11.3	8.5
1374	4460720.41	5339915.15	504.40	1	D	A	90.2	2.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.7	1.8	12.3	5.8
1376	4460722.45	5339915.55	504.41	1	D	A	90.2	3.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.3	1.8	12.0	7.4
1379	4460724.02	5339915.86	504.42	1	D	A	90.2	-0.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.4	1.8	7.2	12.1
1381	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	2.2	1.7	0.0	29.4
1395	4460727.78	5339916.94	504.41	0	D	A	90.2	8.4	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	0.2	1.7	0.0	31.1
1408	4460724.64	5339916.00	504.43	1	D	A	90.2	-4.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.4	1.8	7.2	8.5
1409	4460729.04	5339917.32	504.40	2	D	A	90.2	6.4	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	16.1	9.4
1410	4460728.55	5339917.18	504.40	1	D	A	90.2	2.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.5	1.8	4.6	18.2
1411	4460730.25	5339917.69	504.39	1	D	A	90.2	2.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	4.2	18.9
1412	4460797.01	5339941.53	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.3	1.7	0.0	30.8
1425	4460796.94	5339941.52	504.38	1	D	A	90.2	9.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.1	1.8	7.0	21.3
1426	4460800.88	5339942.57	504.39	1	D	A	90.2	-8.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	7.0	3.6
1427	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.9
1434	4460824.25	5339944.25	504.39	1	D	A	90.2	8.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	14.3	1.8	20.8	-6.4
1436	4460822.55	5339944.52	504.39	1	D	A	90.2	5.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	6.9	18.5
1437	4460826.10	5339943.97	504.39	1	D	A	90.2	5.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	6.9	18.1
1438	4460824.25	5339944.25	504.39	3	D	A	90.2	8.6	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	1.0	1.8	10.8	14.2
1439	4460807.40	5339943.92	504.37	0	D	A	90.2	-7.9	0.9	3.0	0.0	64.7	1.3	4.6	0.0	0.0	0.3	1.7	0.0	13.6
1440	4460810.77	5339944.32	504.37	0	D	A	90.2	8.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.3	1.7	0.0	29.7
1453	4460807.79	5339943.97	504.37	1	D	A	90.2	-0.2	0.9	3.0	0.0	65.9</								

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1479	4460807.26	5339943.90	504.37	1	D	A	90.2	-9.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.3	1.8	20.7	-23.5
1484	4460804.13	5339943.25	504.38	1	D	A	90.2	8.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	7.0	20.3
1485	4460817.38	5339944.75	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.6
1493	4460816.62	5339944.74	504.38	1	D	A	90.2	7.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.3	1.8	20.7	-7.7
1494	4460819.29	5339944.78	504.39	1	D	A	90.2	-6.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.3	1.8	20.8	-21.1
1495	4460820.05	5339944.80	504.39	1	D	A	90.2	1.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.3	1.8	20.8	-13.7
1503	4460818.66	5339944.77	504.39	1	D	A	90.2	6.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	18.9
1504	4460818.01	5339944.76	504.39	3	D	A	90.2	7.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.9	1.8	10.7	13.1
1505	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.5
1511	4460831.06	5339942.91	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	14.3	1.8	20.9	-6.8
1521	4460828.97	5339943.42	504.38	1	D	A	90.2	3.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	6.9	16.6
1523	4460831.30	5339942.85	504.37	1	D	A	90.2	3.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.1	1.8	8.7	13.7
1525	4460829.41	5339943.31	504.38	3	D	A	90.2	5.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.2	1.8	11.0	10.6
1527	4460832.67	5339942.52	504.36	3	D	A	90.2	5.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	9.4	13.4
1528	4460832.55	5339942.55	504.36	1	D	A	90.2	5.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	6.9	18.5
1777	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.1
1797	4461045.91	5339842.69	504.38	1	D	A	90.2	7.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.7	1.8	23.3	-12.7
1798	4461047.83	5339839.46	504.38	1	D	A	90.2	2.0	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.7	1.8	23.4	-18.6
1800	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.1
1813	4461043.15	5339846.86	504.39	1	D	A	90.2	6.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.7	1.8	23.3	-14.3
1814	4461040.76	5339849.98	504.39	1	D	A	90.2	4.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.7	1.8	23.2	-15.9
1815	4461042.65	5339847.52	504.39	1	D	A	90.2	5.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	13.7	1.8	23.2	-15.0
1852	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.0
1864	4461048.37	5339838.45	504.38	1	D	A	90.2	-1.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.7	1.8	23.4	-22.0
1865	4461048.66	5339837.78	504.39	1	D	A	90.2	-1.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.7	1.8	23.4	-21.9
1866	4461050.00	5339834.71	504.40	1	D	A	90.2	7.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.6	1.8	23.4	-12.9
1868	4461051.28	5339831.66	504.41	0	D	A	90.2	-1.9	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	15.3
1869	4461052.27	5339828.15	504.37	0	D	A	90.2	8.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.3	1.8	0.0	25.2
1877	4461052.18	5339828.45	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	13.6	1.8	23.5	-12.1
1882	4461054.48	5339817.53	504.43	0	D	A	90.2	-1.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.7	1.8	0.0	14.2
1883	4461055.61	5339814.01	504.45	0	D	A	90.2	8.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.8	1.8	0.0	23.6
1891	4461055.00	5339815.92	504.44	1	D	A	90.2	6.2	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.5	1.8	23.6	-14.8
1892	4461055.86	5339813.23	504.45	1	D	A	90.2	1.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.5	1.8	23.7	-19.2
1902	4461053.48	5339823.13	504.36	0	D	A	90.2	5.7	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	0.3	1.8	0.0	22.6
1903	4461053.84	5339821.01	504.39	0	D	A	90.2	-2.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	0.0	15.1
1905	4461054.13	5339819.29	504.41	0	D	A	90.2	4.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.7	1.8	0.0	20.1
1927	4461053.26	5339824.39	504.35	1	D	A	90.2	0.5	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	14.1	1.8	23.0	-20.3
1928	4461053.86	5339820.87	504.39	1	D	A	90.2	7.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	14.1	1.8	23.1	-13.0
1930	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	0.0	25.6
1944	4461090.99	5339852.30	504.47	1	D	A	90.2	8.7	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	13.9	1.9	23.4	-12.5
1948	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.6
1958	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	13.8	1.8	23.0	-12.0
1974	4461057.37	5339809.31	504.45	0	D	A	90.2	5.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.8	1.8	0.0	20.6
1975	4461058.36	5339807.26	504.44	0	D	A	90.2	0.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.7	1.8	0.0	14.9
1976	4461059.19	5339805.57	504.44	0	D	A	90.2	4.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.7	1.8	0.0	19.6
2000	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	0.0	25.5
2014	4461097.62	5339848.99	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	13.9	1.9	23.5	-12.6
2019	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	0.0	25.4
2043	4461103.97	5339845.13	504.42	1	D	A	90.2	8.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	13.9	1.9	23.6	-12.7
2046	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.5
2059	4461037.09	5339853.79	504.39	1	D	A	90.2	6.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	13.8	1.8	23.1	-13.4
2060	4461039.36	5339851.60	504.39	1	D	A	90.2	1.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	13.8	1.8	23.2	-18.4
2064	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.5
2086	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	13.8	1.8	23.1	-12.2
2097	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	0.0	25.4
2119	4461109.61	5339840.23	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	13.8	1.9	23.7	-12.8
2125	4461114.74	5339832.90	504.39	0	D	A	90.2	6.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	23.3
2128	4461112.90	5339836.26	504.40	0	D	A	90.2	4.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	21.1
2139	4461114.93	5339832.54	504.39	1	D	A	90.2	6.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	13.7	1.9	23.8	-15.8
2140	4461113.09	5339835.90	504.40	1	D	A	90.2	5.6	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	13.8	1.9	23.7	-16.1
2190	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	3.7	1.8	0.0	21.7
2197	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.4	1.8	0.0	24.1
2211	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.1	1.8	0.0	24.3
2228	4461116.88	5339827.17	504.39	0	D	A</														

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2329	4461113.87	5339803.95	504.40	1	D	A	90.2	1.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.2	-20.6
2338	4461115.22	5339806.79	504.40	1	D	A	90.2	6.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.1	-15.2
2370	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.6	1.8	0.0	24.6
2449	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	0.0	25.1
2495	4461117.95	5339816.96	504.40	1	D	A	90.2	2.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.6	1.9	24.0	-19.7
2496	4461117.90	5339820.67	504.40	1	D	A	90.2	7.6	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.6	1.9	24.0	-14.4
2751	4461098.35	5339790.25	504.41	0	D	A	90.2	6.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.3	1.8	0.0	22.9
2753	4461101.69	5339791.74	504.40	0	D	A	90.2	4.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.2	1.8	0.0	20.6
2805	4461099.09	5339790.58	504.41	1	D	A	90.2	7.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.4	1.9	24.2	-14.0
2812	4461102.44	5339792.07	504.40	1	D	A	90.2	0.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.4	1.9	24.2	-21.6
2842	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.8	1.8	0.0	24.4
2926	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	0.1	1.8	0.0	25.0
2975	4461117.11	5339812.56	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.1	-13.4
2991	4461089.79	5339788.34	504.38	0	D	A	90.2	-0.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.5	1.8	0.0	16.0
2994	4461090.80	5339788.49	504.39	0	D	A	90.2	0.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.0	1.8	0.0	15.9
2997	4461093.79	5339788.94	504.40	0	D	A	90.2	7.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.4	1.8	0.0	23.1
3032	4461092.35	5339788.72	504.40	1	D	A	90.2	1.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	13.4	1.9	24.2	-20.2
3033	4461094.66	5339789.07	504.41	1	D	A	90.2	5.1	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	13.4	1.9	24.2	-16.8
3052	4461109.52	5339797.75	504.41	0	D	A	90.2	4.9	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	0.1	1.8	0.0	21.2
3054	4461111.75	5339800.57	504.40	0	D	A	90.2	6.2	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	0.1	1.8	0.0	22.5
3098	4461109.22	5339797.36	504.41	1	D	A	90.2	3.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.2	-18.8
3101	4461110.00	5339798.36	504.41	1	D	A	90.2	-3.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.2	-25.5
3103	4461110.52	5339799.01	504.41	1	D	A	90.2	0.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.2	-21.2
3106	4461111.96	5339800.84	504.40	1	D	A	90.2	5.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.2	-16.7
3111	4461113.01	5339802.17	504.40	1	D	A	90.2	-12.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.5	1.9	24.2	-34.3
3136	4461103.25	5339792.53	504.40	0	D	A	90.2	-0.9	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.2	1.8	0.0	15.3
3139	4461103.80	5339792.95	504.40	0	D	A	90.2	-2.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	0.0	13.9
3142	4461106.30	5339794.83	504.41	0	D	A	90.2	7.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	0.0	23.9
3191	4461105.75	5339794.42	504.41	1	D	A	90.2	8.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	13.4	1.9	24.2	-13.5

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4399	4460728.19	5339867.72	505.06	0	D	A	73.9	17.4	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	0.0	23.0
4503	4460715.84	5339881.87	505.01	1	D	A	73.9	5.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.5	1.8	4.6	5.2
4504	4460713.91	5339884.08	505.00	1	D	A	73.9	3.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.5	1.8	4.5	2.6
4505	4460712.42	5339885.79	505.00	1	D	A	73.9	4.0	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.4	1.8	7.0	1.1
4506	4460737.54	5339857.02	505.10	3	D	A	73.9	7.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.5	1.8	6.6	4.5
4507	4460733.96	5339861.12	505.08	3	D	A	73.9	7.5	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.5	1.8	6.6	4.7
4508	4460731.75	5339863.65	505.07	3	D	A	73.9	0.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.5	1.8	9.3	-4.9
4509	4460741.32	5339852.69	505.11	1	D	A	73.9	11.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.6	1.8	7.3	3.7
4511	4460734.05	5339861.01	505.08	1	D	A	73.9	8.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	6.5	1.8	9.2	-2.2
4514	4460741.62	5339852.35	505.11	3	D	A	73.9	-4.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	4.7	1.8	10.2	-14.7
4515	4460740.68	5339853.42	505.11	3	D	A	73.9	4.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	5.0	1.8	10.4	-7.1
4516	4460723.80	5339872.76	505.04	1	D	A	73.9	11.5	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	2.9	13.8
4517	4460718.57	5339878.75	505.02	1	D	A	73.9	2.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.8	1.7	3.2	3.5
4518	4460741.49	5339852.50	505.11	3	D	A	73.9	11.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	35.4	-21.7
4522	4460742.43	5339851.42	505.12	1	D	A	73.9	10.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	9.9	1.8	10.7	-6.6
4523	4460734.63	5339860.35	505.09	1	D	A	73.9	10.9	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	5.9	1.8	10.6	-2.3
4524	4460727.89	5339868.06	505.06	1	D	A	73.9	9.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	8.4	1.8	12.7	-8.8
4526	4460724.04	5339872.48	505.04	1	D	A	73.9	5.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	7.5	1.8	12.4	-11.3
4528	4460720.81	5339876.18	505.03	1	D	A	73.9	7.9	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	6.6	1.8	11.9	-7.4
4530	4460743.57	5339850.11	505.12	3	D	A	73.9	9.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.6	1.8	18.7	-15.7
4532	4460739.75	5339854.49	505.11	3	D	A	73.9	5.7	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	7.1	1.8	18.1	-16.8
4534	4460737.32	5339857.27	505.10	3	D	A	73.9	5.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	6.4	1.8	17.6	-15.7
4536	4460737.04	5339857.59	505.10	3	D	A	73.9	9.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.0	1.8	9.6	-0.5
4538	4460733.09	5339862.11	505.08	3	D	A	73.9	5.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.7	1.8	9.3	-3.5
4540	4460731.07	5339864.43	505.07	3	D	A	73.9	3.9	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.5	1.8	9.1	-4.9
4546	4460734.89	5339860.05	505.09	2	D	A	73.9	14.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	6.1	1.8	26.0	-15.4
4548	4460717.65	5339879.80	505.02	2	D	A	73.9	13.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	2.5	1.8	22.6	-10.1

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4754	4460744.92	5339902.73	504.62	0	D	A	73.9	15.8	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	0.2	1.7	0.0	21.7
4924	4460746.87	5339895.70	504.71	3	D	A	73.9	9.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.3	1.8	9.2	4.0
4925	4460744.22	5339905.25	504.58	3	D	A	73.9	10.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.3	1.8	9.2	4.2
4926	4460742.57	5339911.20	504.50	3	D	A	73.9	3.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.3	1.8	9.2	-2.7

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4929	4460747.22	5339894.46	504.73	2	D	A	73.9	-3.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.1	1.8	31.7	-31.1
4931	4460746.91	5339895.56	504.72	2	D	A	73.9	2.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.3	1.8	32.8	-26.8
4933	4460746.37	5339897.49	504.69	2	D	A	73.9	3.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.3	1.8	32.9	-26.0
4935	4460748.26	5339890.72	504.79	1	D	A	73.9	11.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	2.6	1.8	11.1	1.7
4937	4460744.71	5339903.47	504.60	1	D	A	73.9	11.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.3	1.8	11.0	1.0
4940	4460749.72	5339885.46	504.86	3	D	A	73.9	-1.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.7	1.8	12.4	-13.0
4943	4460749.03	5339887.92	504.83	3	D	A	73.9	6.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.7	1.8	12.4	-4.8
4945	4460744.51	5339904.21	504.59	2	D	A	73.9	8.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.1	1.8	7.9	4.1
4946	4460742.84	5339910.21	504.51	2	D	A	73.9	6.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	8.0	2.0
4947	4460742.08	5339912.97	504.47	2	D	A	73.9	-0.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	8.0	-5.2
4948	4460740.83	5339917.47	504.41	1	D	A	73.9	8.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	4.2	8.8
4949	4460748.23	5339890.79	504.78	1	D	A	73.9	11.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	3.3	1.8	7.5	3.2
4950	4460743.23	5339908.82	504.53	1	D	A	73.9	13.8	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	1.7	1.8	6.1	8.5
4952	4460739.92	5339920.75	504.36	1	D	A	73.9	-1.9	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	1.3	1.8	8.8	-9.6
4955	4460748.79	5339888.79	504.81	3	D	A	73.9	9.6	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	2.8	1.8	13.6	-4.7
4957	4460746.58	5339896.75	504.70	3	D	A	73.9	8.7	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	2.2	1.8	23.3	-14.8
4959	4460744.63	5339903.79	504.60	3	D	A	73.9	8.6	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	1.8	1.8	22.5	-13.7
4960	4460744.62	5339903.80	504.60	3	D	A	73.9	12.2	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.8	1.8	10.3	3.3
4961	4460741.43	5339915.30	504.44	3	D	A	73.9	8.7	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.6	1.8	10.0	0.1
4962	4460740.13	5339919.98	504.37	3	D	A	73.9	3.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.5	1.8	9.9	-4.9
4963	4460741.32	5339915.70	504.43	2	D	A	73.9	10.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	1.5	1.8	20.5	-9.7
4964	4460742.21	5339912.49	504.48	2	D	A	73.9	9.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.0	1.8	23.4	-15.6
4965	4460740.43	5339918.90	504.39	2	D	A	73.9	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.6	1.8	22.8	-17.5

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4672	4460680.77	5339831.11	505.49	0	D	A	78.7	11.2	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	0.2	1.7	0.0	21.9
4673	4460673.52	5339829.42	505.48	0	D	A	78.7	2.0	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.3	1.7	0.0	12.5
5818	4460691.22	5339831.82	505.34	0	D	A	78.7	8.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.1	1.7	0.0	19.4
5820	4460687.36	5339832.60	505.50	0	D	A	78.7	-6.4	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	0.1	1.7	0.0	4.2
5877	4460690.54	5339831.95	505.37	2	D	A	78.7	4.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	5.6	1.8	27.5	-19.8

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4551	4460722.38	5339864.88	505.04	0	D	A	73.9	17.1	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	0.0	22.8
4629	4460714.19	5339874.14	505.00	1	D	A	73.9	5.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.6	1.8	4.7	5.2
4631	4460712.29	5339876.30	504.99	1	D	A	73.9	3.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.5	1.8	4.6	2.5
4633	4460710.81	5339877.97	504.98	1	D	A	73.9	3.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.7	1.8	4.7	3.2
4635	4460735.78	5339849.73	505.10	3	D	A	73.9	7.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.6	1.8	6.7	4.5
4637	4460732.24	5339853.73	505.08	3	D	A	73.9	7.4	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.6	1.8	6.7	4.7
4638	4460730.05	5339856.20	505.07	3	D	A	73.9	0.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.6	1.8	6.7	-2.2
4642	4460737.01	5339848.33	505.10	1	D	A	73.9	8.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	6.1	1.8	7.7	-0.2
4644	4460732.22	5339853.75	505.08	1	D	A	73.9	8.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	7.5	1.8	6.8	-0.7
4646	4460738.76	5339846.36	505.11	3	D	A	73.9	2.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	5.9	1.8	10.9	-9.3
4648	4460721.81	5339865.52	505.03	1	D	A	73.9	11.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	2.5	14.3
4650	4460716.65	5339871.37	505.01	1	D	A	73.9	2.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.9	1.7	3.3	3.5
4652	4460738.33	5339846.84	505.11	1	D	A	73.9	5.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	11.2	1.8	10.9	-13.5
4654	4460733.24	5339852.60	505.09	1	D	A	73.9	10.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	7.4	1.8	11.6	-4.7
4655	4460726.58	5339860.13	505.06	1	D	A	73.9	9.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	11.2	1.8	12.7	-11.5
4656	4460722.77	5339864.44	505.04	1	D	A	73.9	5.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	9.9	1.8	13.1	-14.2
4657	4460719.58	5339868.05	505.02	1	D	A	73.9	7.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	8.5	1.8	12.8	-10.2
4660	4460738.33	5339846.84	505.11	3	D	A	73.9	5.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.4	1.8	18.9	-20.3
4661	4460736.08	5339849.38	505.10	3	D	A	73.9	5.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.3	1.8	18.7	-18.6
4663	4460735.76	5339849.75	505.10	3	D	A	73.9	9.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	3.7	1.8	10.5	-2.0
4665	4460731.84	5339854.18	505.08	3	D	A	73.9	5.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.4	1.8	10.1	-4.9
4667	4460729.85	5339856.43	505.07	3	D	A	73.9	3.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.2	1.8	9.8	-6.2
4669	4460712.03	5339876.59	504.99	2	D	A	73.9	13.0	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	2.7	1.8	22.9	-11.0
5306	4460698.47	5339893.99	504.83	0	D	A	73.9	13.8	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.6	1.7	0.0	20.0
5345	4460698.62	5339893.77	504.83	2	D	A	73.9	2.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	15.6	-8.8
6416	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	0.4	1.7	0.0	16.7
7006	4460691.15	5339906.80	504.67	0	D	A	73.9	7.8	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.6	1.7	0.0	14.3

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6183	4460796.42	5339882.57	504.86	0	D	A	73.9	13.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	17.9

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-AnI"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
6213	4460788.38	5339878.74	504.87	1	D	A	73.9	4.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	4.3	4.1
6215	4460794.47	5339881.64	504.86	1	D	A	73.9	9.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	2.6	12.0
6216	4460802.28	5339885.36	504.85	1	D	A	73.9	8.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.6	10.7
6217	4460797.57	5339883.11	504.86	2	D	A	73.9	3.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	15.4	-7.2
6218	4460788.06	5339878.58	504.87	1	D	A	73.9	3.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	6.2	1.8	9.4	-9.8
6219	4460796.82	5339882.76	504.86	1	D	A	73.9	12.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	13.3	1.8	10.5	-8.7
6220	4460804.99	5339886.64	504.85	1	D	A	73.9	-1.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.0	1.8	10.6	-22.6
6221	4460805.50	5339886.89	504.85	1	D	A	73.9	-3.6	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	12.9	1.8	10.7	-24.5
6222	4460788.12	5339878.61	504.87	2	D	A	73.9	3.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	13.9	1.8	14.5	-22.8
6224	4460790.05	5339879.53	504.87	2	D	A	73.9	3.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	13.7	1.8	14.8	-22.6
6226	4460793.65	5339881.25	504.87	2	D	A	73.9	7.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	13.3	1.8	11.6	-15.0
6227	4460796.61	5339882.65	504.86	2	D	A	73.9	-1.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	13.0	1.8	11.7	-23.4
6228	4460798.56	5339883.58	504.86	2	D	A	73.9	-2.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.0	1.8	23.7	-36.7
6229	4460799.06	5339883.82	504.86	2	D	A	73.9	-2.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.0	1.8	23.6	-36.6
6231	4460795.46	5339882.11	504.86	2	D	A	73.9	3.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	15.4	-7.2
6289	4460786.20	5339864.80	505.05	0	D	A	73.9	12.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	17.1
6302	4460786.86	5339862.24	505.07	1	D	A	73.9	10.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	2.6	12.8
6305	4460787.02	5339861.60	505.08	1	D	A	73.9	10.3	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.2	1.8	3.0	11.6
6306	4460784.88	5339869.98	505.00	1	D	A	73.9	8.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	3.0	9.4
6307	4460785.29	5339868.40	505.02	2	D	A	73.9	8.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	4.0	8.4
6308	4460784.26	5339872.43	504.98	2	D	A	73.9	2.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	5.3	0.7
6310	4460786.60	5339863.24	505.06	1	D	A	73.9	11.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	9.8	1.8	10.5	-5.7
6311	4460784.47	5339871.62	504.99	1	D	A	73.9	5.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.2	1.8	10.0	-10.1
6312	4460784.98	5339869.61	505.01	2	D	A	73.9	8.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	7.8	1.8	11.1	-7.3
6314	4460784.24	5339872.52	504.98	2	D	A	73.9	1.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.3	1.8	14.2	-24.7
6780	4460807.44	5339887.41	504.84	0	D	A	73.9	5.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	10.2
6781	4460812.50	5339888.65	504.80	0	D	A	73.9	8.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	13.0
6799	4460805.76	5339887.00	504.85	1	D	A	73.9	-9.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.6	-7.2
6800	4460807.09	5339887.32	504.84	1	D	A	73.9	4.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	8.8	1.8	6.2	-6.2
6802	4460810.86	5339888.25	504.81	1	D	A	73.9	10.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.6	12.0
6803	4460815.62	5339889.41	504.78	3	D	A	73.9	-3.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	10.1	1.8	19.2	-29.6
6804	4460809.62	5339887.94	504.82	1	D	A	73.9	9.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	12.6	1.8	10.8	-11.7
6805	4460814.52	5339889.14	504.79	1	D	A	73.9	3.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	12.5	1.8	10.8	-17.7
6806	4460815.66	5339889.42	504.78	1	D	A	73.9	-4.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	12.5	1.8	10.8	-25.7
6810	4460814.51	5339889.14	504.79	3	D	A	73.9	4.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	12.6	1.8	12.8	-18.9
6811	4460807.99	5339887.54	504.83	3	D	A	73.9	-0.6	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	12.3	1.8	25.5	-36.1
6812	4460809.07	5339887.81	504.83	3	D	A	73.9	1.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	12.3	1.8	25.5	-34.2
6813	4460812.21	5339888.58	504.80	3	D	A	73.9	7.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	12.3	1.8	17.2	-20.2
7204	4460785.61	5339875.67	504.93	0	D	A	73.9	7.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	12.6
7215	4460785.61	5339875.67	504.93	1	D	A	73.9	7.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	4.3	7.5
7217	4460784.47	5339873.83	504.96	2	D	A	73.9	1.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	5.3	0.6
7218	4460784.98	5339874.67	504.95	2	D	A	73.9	-3.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	5.3	-4.6
7219	4460785.46	5339875.43	504.93	1	D	A	73.9	7.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	7.5	1.8	9.8	-7.2
7220	4460787.00	5339877.91	504.88	1	D	A	73.9	-2.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	6.3	1.8	9.4	-15.3
7221	4460784.65	5339874.13	504.96	2	D	A	73.9	3.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	6.8	1.8	10.7	-11.2
7222	4460785.03	5339874.74	504.94	2	D	A	73.9	5.6	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	15.4	1.8	13.0	-20.5
7223	4460786.57	5339877.22	504.89	2	D	A	73.9	3.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.5	1.8	14.0	-22.7

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-AnI"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5128	4460692.70	5339886.21	504.81	0	D	A	73.9	14.4	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	1.6	1.7	0.0	19.6
5201	4460691.12	5339893.59	504.76	2	D	A	73.9	2.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	15.7	-9.7
6374	4460690.26	5339904.79	504.67	0	D	A	73.9	10.0	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.7	1.7	0.0	16.4
6461	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	0.4	1.7	0.0	16.7
6712	4460703.00	5339841.82	505.04	0	D	A	73.9	-6.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	3.7	1.7	0.0	-4.0
6713	4460702.31	5339846.00	505.00	0	D	A	73.9	9.2	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	3.5	1.7	0.0	11.6
6771	4460702.89	5339842.51	505.03	1	D	A	73.9	2.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	2.9	4.4
6774	4460702.43	5339845.27	505.01	2	D	A	73.9	8.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	8.5	1.8	27.0	-24.7
6778	4460702.80	5339843.02	505.03	2	D	A	73.9	4.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	4.5	1.8	13.5	-111.0
6970	4460704.19	5339859.71	505.76	0	D	A	73.9	7.0	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	1.6	1.7	0.0	11.6
6972	4460703.31	5339863.40	505.76	0	D	A	73.9	4.1	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	0.3	1.7	0.0	10.0
7004	4460704.40	5339858.82	505.76	2	D	A	73.9	5.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.7	1.8	5.7	3.7
7049	4460697.75	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	1.0	1.7	0.0	13.7
7301	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	0.5	1.7	0.0	12.0
7328	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	2.8	1.7	0.0	9.4
7352	4460704.45	5339855.33	505.53	0	D	A	73.9	6.0	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	2.1	1.7	0.0	9.9
7364	4460704.48	5339855.47	505.55	2	D	A	73.9	5.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.8	1.8	5.8	4.1

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6814	4460702.99	5339841.84	505.04	0	D	A	67.4	-5.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	3.7	1.7	0.0	-10.0
6816	4460699.56	5339856.03	504.98	0	D	A	67.4	14.6	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	3.2	1.7	0.0	11.0
6818	4460695.65	5339872.20	504.91	0	D	A	67.4	6.4	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	1.5	1.7	0.0	4.8
6866	4460702.86	5339842.37	505.04	1	D	A	67.4	1.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	2.9	-2.9
6868	4460697.49	5339864.58	504.94	2	D	A	67.4	9.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.7	1.8	8.6	-1.3
6869	4460702.09	5339845.57	505.03	2	D	A	67.4	9.0	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	8.4	1.8	26.9	-30.6
6870	4460702.69	5339843.07	505.04	2	D	A	67.4	4.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	4.6	1.8	13.5	-117.3
7139	4460692.47	5339887.07	504.80	0	D	A	67.4	14.2	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	1.5	1.7	0.0	12.9
7196	4460691.10	5339893.59	504.75	2	D	A	67.4	2.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	15.7	-16.2
7481	4460690.26	5339904.79	504.67	0	D	A	67.4	10.0	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.7	1.7	0.0	9.9
7504	4460692.35	5339914.28	504.48	0	D	A	67.4	9.8	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	0.4	1.7	0.0	10.2

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5353	4460651.37	5339826.61	505.32	0	D	A	72.2	11.9	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	4.5	1.7	0.0	12.0
5355	4460650.82	5339842.66	505.44	0	D	A	72.2	12.2	0.9	3.0	0.0	63.7	1.3	4.5	0.0	0.0	5.9	1.7	0.0	11.1
5357	4460650.52	5339851.05	505.51	0	D	A	72.2	-5.3	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.2	1.7	0.0	-0.4
5358	4460650.44	5339853.61	505.53	0	D	A	72.2	6.8	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.3	1.7	0.0	11.7
5568	4460650.65	5339847.38	505.48	2	D	A	72.2	2.7	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	32.8	-28.8
5887	4460659.27	5339800.50	505.26	0	D	A	72.2	14.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.1	1.7	0.0	18.0
5890	4460652.99	5339815.57	505.26	0	D	A	72.2	8.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.6	1.7	0.0	9.2
6036	4460656.95	5339806.07	505.26	1	D	A	72.2	13.0	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	1.2	1.8	18.8	-6.7
6047	4460663.73	5339789.81	505.26	1	D	A	72.2	3.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	1.1	1.8	5.4	-1.9
6048	4460661.95	5339794.09	505.26	1	D	A	72.2	8.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	1.1	1.8	5.4	2.3
6055	4460662.11	5339793.71	505.26	3	D	A	72.2	5.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.2	1.8	12.8	-108.3
6059	4460779.68	5339853.88	505.14	0	D	A	72.2	12.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	15.0
6060	4460766.64	5339850.95	505.14	0	D	A	72.2	10.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	13.5
6061	4460757.89	5339848.98	505.15	0	D	A	72.2	8.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	11.7
6125	4460784.38	5339854.94	505.13	1	D	A	72.2	8.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.6	8.1
6126	4460776.06	5339853.07	505.14	1	D	A	72.2	10.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.6	10.5
6128	4460762.61	5339850.04	505.14	1	D	A	72.2	12.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	2.6	12.6
6131	4460783.57	5339854.76	505.13	1	D	A	72.2	9.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.9	8.8
6133	4460773.71	5339852.54	505.14	2	D	A	72.2	9.7	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	5.3	6.8
6135	4460784.10	5339854.88	505.13	1	D	A	72.2	8.4	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	12.9	1.8	10.6	-13.7
6136	4460776.69	5339853.21	505.14	1	D	A	72.2	9.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	13.3	1.8	10.4	-13.0
6137	4460766.71	5339850.96	505.14	1	D	A	72.2	10.9	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	13.2	1.8	10.4	-11.1
6138	4460757.59	5339848.91	505.15	1	D	A	72.2	8.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	13.1	1.8	10.4	-13.7
6141	4460755.83	5339848.51	505.15	3	D	A	72.2	4.6	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	10.4	1.8	19.0	-23.8
6142	4460773.31	5339852.45	505.14	3	D	A	72.2	9.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.6	1.8	17.1	-20.8
6143	4460767.79	5339851.21	505.14	3	D	A	72.2	5.4	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.5	1.8	17.1	-24.3
6145	4460763.27	5339850.19	505.14	3	D	A	72.2	7.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.4	1.8	17.2	-22.0
6146	4460771.49	5339852.04	505.14	2	D	A	72.2	2.2	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	12.2	1.8	16.2	-25.5
6147	4460765.43	5339850.67	505.14	2	D	A	72.2	10.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	12.1	1.8	16.2	-17.4
6148	4460757.37	5339848.86	505.15	2	D	A	72.2	7.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	11.9	1.8	16.2	-19.8
6149	4460698.77	5339816.18	505.24	0	D	A	72.2	14.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.1	1.7	0.0	18.5
6171	4460697.39	5339823.00	505.22	2	D	A	72.2	6.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.8	1.8	17.2	-17.3
6172	4460701.65	5339802.03	505.29	3	D	A	72.2	0.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	8.9	-5.9
6173	4460699.74	5339811.42	505.26	1	D	A	72.2	12.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	2.9	12.8
6174	4460700.95	5339805.48	505.28	1	D	A	72.2	9.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	12.9	1.8	21.7	-22.3
6232	4460738.58	5339844.37	505.14	0	D	A	72.2	5.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	8.6
6233	4460730.58	5339842.10	505.15	0	D	A	72.2	11.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.7	1.7	0.0	6.2
6234	4460720.96	5339839.37	505.16	0	D	A	72.2	8.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.4	1.7	0.0	-1.4
6235	4460715.96	5339837.95	505.16	0	D	A	72.2	5.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	2.0	1.7	0.0	7.6
6251	4460720.36	5339839.20	505.16	1	D	A	72.2	6.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	1.1	1.7	1.0	8.1
6252	4460716.15	5339838.01	505.16	1	D	A	72.2	6.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	3.0	1.7	1.0	5.8
6253	4460726.13	5339840.84	505.15	2	D	A	72.2	6.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.9	1.7	4.3	4.7
6254	4460721.69	5339839.58	505.16	2	D	A	72.2	6.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	1.0	1.7	4.4	4.8
6255	4460718.54	5339838.68	505.16	2	D	A	72.2	2.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.6	1.7	5.3	-1.8
6256	4460734.19	5339843.12	505.14	3	D	A	72.2	6.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.7	1.8	6.7	2.4
6257	4460729.46	5339841.78	505.15	3	D	A	72.2	7.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.7	1.8	6.8	2.5
6258	4460726.12	5339840.83	505.15	3	D	A	72.2	3.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.7	1.8	6.8	-1.4
6259	4460736.31	5339843.72	505.14	1	D	A	72.2	9.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	6.8	1.7	6.6	-0.9
6260	4460729.06	5339841.67	505.15	1	D	A	72.2	8.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	9.6	1.7	6.1	-3.7
6261	4460724.62	5339840.41	505.15	1	D	A	72.2	3.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.4	1.7	6.3	-11.9
6263	4460731.48	5339842.36	505.15	2	D	A	72.2	-4.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	7.5	1.8	7.8	-17.0
6264	4460730.29	5339842.02	505.15	2	D	A	72.2	3.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	9.0	1.8	8.2	-10.5
6266	4460739.74	5339844.70	505.14	3	D	A	72.2	-4.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.3	1.8	10.6	-17.7

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
6268	4460738.48	5339844.34	505.14	3	D	A	72.2	3.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	6.0	1.8	11.0	-10.6
6269	4460714.61	5339837.57	505.16	2	D	A	72.2	-0.2	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	13.2	1.8	23.6	-36.3
6270	4460724.53	5339840.38	505.15	3	D	A	72.2	-2.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	11.9	1.8	11.9	-125.3
6272	4460738.31	5339844.29	505.14	1	D	A	72.2	5.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.3	1.8	8.0	-12.6
6274	4460728.29	5339841.45	505.15	1	D	A	72.2	12.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	9.4	-5.8
6276	4460718.73	5339838.74	505.16	1	D	A	72.2	4.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.9	1.8	9.3	-14.6
6277	4460715.75	5339837.89	505.16	1	D	A	72.2	5.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.9	1.8	9.3	-14.0
6279	4460739.88	5339844.74	505.14	3	D	A	72.2	-2.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	10.3	1.8	19.0	-30.6
6280	4460738.09	5339844.23	505.14	3	D	A	72.2	5.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	10.4	1.8	19.0	-23.3
6281	4460735.14	5339843.39	505.14	3	D	A	72.2	4.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	10.4	1.8	19.0	-23.5
6282	4460728.02	5339841.37	505.15	2	D	A	72.2	8.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	7.0	1.8	12.4	-9.5
6283	4460723.47	5339840.08	505.16	2	D	A	72.2	4.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	7.6	1.8	12.6	-13.9
6284	4460719.74	5339839.02	505.16	2	D	A	72.2	6.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	7.6	1.8	12.6	-11.5
6285	4460721.91	5339839.64	505.16	3	D	A	72.2	-14.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	5.2	1.8	12.2	-30.5
6286	4460734.71	5339843.27	505.14	3	D	A	72.2	8.4	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	4.3	1.8	11.2	-5.7
6287	4460729.92	5339841.91	505.15	3	D	A	72.2	4.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	4.7	1.8	11.5	-9.9
6288	4460726.00	5339840.80	505.15	3	D	A	72.2	7.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	4.7	1.8	11.5	-7.7
6315	4460697.02	5339791.29	505.49	0	D	A	72.2	3.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	6.8
6316	4460695.83	5339790.84	505.49	0	D	A	72.2	-6.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.1	1.7	0.0	-3.5
6317	4460690.52	5339788.81	505.48	0	D	A	72.2	10.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.3	1.7	0.0	11.5
6318	4460680.54	5339784.99	505.47	0	D	A	72.2	10.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	2.1	1.7	0.0	11.4
6367	4460696.33	5339791.03	505.49	2	D	A	72.2	0.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	15.5	-12.8
6368	4460695.18	5339790.59	505.49	1	D	A	72.2	8.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.7	4.3
6373	4460696.71	5339791.17	505.49	1	D	A	72.2	4.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	8.2	1.8	24.3	-24.8
6532	4460820.94	5339865.56	505.10	0	D	A	72.2	5.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	10.4	1.8	0.0	-2.8
6533	4460817.88	5339864.32	505.11	0	D	A	72.2	5.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	10.1	1.8	0.0	-1.9
6534	4460813.95	5339862.74	505.12	0	D	A	72.2	7.0	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	9.8	1.8	0.0	-0.1
6535	4460807.19	5339860.01	505.14	0	D	A	72.2	9.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	9.6	1.8	0.0	3.1
6595	4460814.66	5339863.03	505.12	1	D	A	72.2	12.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	6.5	1.8	6.6	1.6
6597	4460805.55	5339859.35	505.14	1	D	A	72.2	4.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	5.9	1.8	5.4	-3.9
6599	4460803.46	5339858.50	505.15	1	D	A	72.2	1.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	2.6	1.8
6600	4460807.13	5339859.98	505.14	2	D	A	72.2	9.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	4.0	8.1
6602	4460816.23	5339863.66	505.11	3	D	A	72.2	10.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	6.3	6.5
6603	4460809.03	5339860.75	505.13	3	D	A	72.2	5.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	6.3	0.9
6605	4460805.59	5339859.36	505.14	3	D	A	72.2	6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	6.3	2.0
6610	4460820.67	5339865.45	505.10	2	D	A	72.2	5.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	5.0	1.8	8.1	-5.0
6612	4460817.73	5339864.26	505.11	2	D	A	72.2	4.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	4.8	1.8	7.9	-6.2
6614	4460815.29	5339863.28	505.12	2	D	A	72.2	4.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	4.5	1.8	7.4	-5.3
6615	4460812.90	5339862.32	505.12	2	D	A	72.2	4.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.0	1.8	6.5	-4.1
6617	4460811.61	5339861.79	505.13	2	D	A	72.2	-5.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	4.0	-7.2
6618	4460822.23	5339866.08	505.10	3	D	A	72.2	-4.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.1	1.8	8.1	-12.7
6620	4460821.91	5339865.95	505.10	3	D	A	72.2	-4.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	6.3	-8.9
6628	4460814.49	5339862.96	505.12	1	D	A	72.2	12.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	12.4	1.8	10.9	-9.8
6630	4460804.66	5339858.99	505.15	1	D	A	72.2	6.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	13.2	1.8	10.6	-16.3
6632	4460807.38	5339860.09	505.14	2	D	A	72.2	8.9	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.3	1.8	11.4	-9.7
6634	4460803.52	5339858.53	505.15	2	D	A	72.2	-2.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.4	1.8	11.3	-21.1
6636	4460803.01	5339858.32	505.15	2	D	A	72.2	-2.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.4	1.8	11.3	-20.9
6638	4460815.06	5339863.19	505.12	3	D	A	72.2	9.7	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	5.2	1.8	11.0	-5.6
6640	4460810.42	5339861.31	505.13	3	D	A	72.2	-1.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.5	1.8	11.1	-17.5
6641	4460810.02	5339861.15	505.13	3	D	A	72.2	-6.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.5	1.8	11.1	-22.6
6643	4460806.33	5339859.66	505.14	3	D	A	72.2	8.9	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.7	1.8	11.2	-7.0
6646	4460807.11	5339859.98	505.14	2	D	A	72.2	6.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	12.9	1.8	11.8	-17.2
6649	4460803.90	5339858.68	505.15	2	D	A	72.2	4.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	13.1	1.8	11.7	-19.9
6651	4460816.78	5339863.88	505.11	2	D	A	72.2	-1.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	12.2	1.8	12.0	-24.2
6652	4460813.80	5339862.68	505.12	2	D	A	72.2	7.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	12.4	1.8	11.9	-15.7
6654	4460810.15	5339861.21	505.13	2	D	A	72.2	3.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	12.7	1.8	11.8	-20.1
6656	4460803.54	5339858.54	505.15	3	D	A	72.2	2.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	7.9	1.8	12.3	-17.0
6658	4460811.09	5339861.58	505.13	3	D	A	72.2	-0.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	8.3	1.8	12.4	-20.1
6659	4460807.47	5339860.12	505.14	3	D	A	72.2	8.4	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	8.1	1.8	12.3	-11.2
6663	4460819.85	5339865.12	505.10	2	D	A	72.2	7.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.8	1.8	11.5	-11.9
6664	4460817.26	5339864.07	505.11	2	D	A	72.2	-9.6	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.7	1.8	11.5	-28.7
6665	4460814.93	5339863.13	505.12	2	D	A	72.2	6.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.6	1.8	11.4	-12.1
6666	4460811.79	5339861.87	505.13	2	D	A	72.2	2.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.5	1.8	11.4	-16.2
6667	4460821.85	5339865.93	505.10	3	D	A	72.2	0.7												

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6704	4460746.06	5339846.21	505.14	3	D	A	72.2	7.0	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	05.6	-98.3
6705	4460751.98	5339847.62	505.15	1	D	A	72.2	7.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	13.1	1.8	10.4	-14.8
6706	4460748.59	5339846.81	505.14	1	D	A	72.2	2.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	13.0	1.8	7.6	-16.0
6707	4460743.89	5339845.70	505.14	1	D	A	72.2	8.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.4	1.8	7.9	-9.7
6708	4460747.29	5339846.50	505.14	3	D	A	72.2	11.7	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	10.4	1.8	19.0	-16.6
6709	4460754.36	5339848.18	505.15	2	D	A	72.2	-9.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	11.9	1.8	16.2	-36.9
6711	4460750.94	5339847.37	505.15	2	D	A	72.2	8.4	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	11.8	1.8	16.2	-19.2
6871	4460800.57	5339857.85	505.15	0	D	A	72.2	6.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	7.4	1.8	0.0	1.9
6872	4460797.03	5339857.25	505.14	0	D	A	72.2	4.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.9	1.8	0.0	2.5
6873	4460791.56	5339856.33	505.14	0	D	A	72.2	9.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	12.0
6895	4460787.75	5339855.68	505.13	1	D	A	72.2	-2.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	2.6	-2.1
6896	4460795.10	5339856.93	505.14	1	D	A	72.2	11.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	2.6	11.9
6897	4460802.54	5339858.18	505.15	2	D	A	72.2	-3.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	4.0	-5.4
6898	4460800.84	5339857.89	505.15	2	D	A	72.2	4.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	4.0	3.2
6899	4460797.42	5339857.32	505.14	2	D	A	72.2	5.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	4.0	4.3
6906	4460799.80	5339857.72	505.15	1	D	A	72.2	7.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	13.2	1.8	10.6	-14.7
6907	4460792.16	5339856.43	505.14	1	D	A	72.2	9.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	13.1	1.8	10.6	-12.5
6908	4460798.78	5339857.55	505.15	2	D	A	72.2	9.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.5	1.8	11.3	-9.5
6909	4460802.20	5339858.12	505.15	3	D	A	72.2	0.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	5.8	1.8	11.2	-15.6
6910	4460801.50	5339858.01	505.15	2	D	A	72.2	4.0	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	13.2	1.8	11.7	-19.8
6912	4460799.71	5339857.70	505.15	3	D	A	72.2	6.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	8.0	1.8	12.3	-12.8
6913	4460796.11	5339857.10	505.14	3	D	A	72.2	4.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	8.0	1.8	16.7	-19.7
6915	4460793.69	5339856.69	505.14	3	D	A	72.2	3.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	8.1	1.8	16.7	-20.6
6918	4460802.67	5339858.20	505.15	3	D	A	72.2	-8.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	7.9	1.8	12.3	-27.7
6920	4460802.27	5339858.14	505.15	3	D	A	72.2	-1.8	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	7.9	1.8	12.3	-21.1
6924	4460700.88	5339837.74	505.10	0	D	A	72.2	9.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	4.3	1.7	0.0	8.8
6927	4460698.04	5339833.96	505.15	0	D	A	72.2	1.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	3.9	1.7	0.0	1.8
6929	4460696.69	5339832.16	505.17	0	D	A	72.2	4.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.1	1.7	0.0	8.8
6966	4460702.58	5339840.02	505.07	1	D	A	72.2	3.6	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	2.5	4.6
6967	4460700.88	5339837.74	505.10	2	D	A	72.2	6.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	1.0	1.7	8.9	0.4
6968	4460702.12	5339839.41	505.08	2	D	A	72.2	5.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	10.7	1.8	26.2	-30.5
7101	4460709.12	5339839.06	505.11	0	D	A	72.2	10.2	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	2.8	1.7	0.0	11.4
7102	4460703.69	5339840.81	505.06	0	D	A	72.2	-0.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	3.6	1.7	0.0	-0.1
7121	4460713.94	5339837.51	505.16	1	D	A	72.2	-3.4	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	3.2	1.7	1.0	-4.0
7123	4460709.61	5339838.90	505.12	1	D	A	72.2	9.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	3.5	1.7	4.0	5.6
7125	4460704.80	5339840.45	505.07	1	D	A	72.2	1.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.9	1.7	2.9	1.6
7127	4460703.68	5339840.81	505.06	1	D	A	72.2	-0.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	2.5	0.2
7128	4460709.91	5339838.81	505.12	1	D	A	72.2	6.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	1.3	1.7	5.3	3.9
7129	4460708.71	5339839.19	505.11	2	D	A	72.2	10.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	11.6	1.8	25.3	-25.6
7132	4460713.47	5339837.66	505.16	1	D	A	72.2	1.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.6	1.8	9.4	-17.4
7224	4460674.86	5339783.45	505.45	0	D	A	72.2	2.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	2.0	1.7	0.0	4.3
7225	4460671.21	5339784.58	505.39	0	D	A	72.2	7.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.1	1.7	0.0	11.1
7297	4460674.45	5339783.58	505.44	1	D	A	72.2	3.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.2	1.8	4.5	-0.4
7298	4460670.91	5339784.66	505.38	1	D	A	72.2	7.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.7	1.8	5.0	2.2
7367	4460700.63	5339796.67	505.40	0	D	A	72.2	1.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	5.1
7368	4460699.71	5339794.86	505.43	0	D	A	72.2	4.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	7.2
7369	4460698.62	5339792.72	505.47	0	D	A	72.2	3.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	6.8
7378	4460700.75	5339796.91	505.39	3	D	A	72.2	0.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	16.8	-14.8
7379	4460699.10	5339793.67	505.46	1	D	A	72.2	6.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	4.2	5.3
7380	4460699.54	5339794.53	505.44	1	D	A	72.2	8.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	9.3	1.8	24.6	-22.9
7381	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.1	1.7	0.0	10.9
7447	4460665.43	5339787.74	505.28	3	D	A	72.2	2.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	18.4	-17.3
7449	4460667.79	5339785.93	505.33	1	D	A	72.2	2.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.9	1.8	5.2	-3.1
7450	4460665.67	5339787.56	505.28	1	D	A	72.2	5.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	1.0	1.8	5.3	0.0
7543	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	0.0	9.4
7553	4460701.38	5339799.40	505.34	3	D	A	72.2	6.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	16.7	-8.6
7554	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	10.7	1.8	24.0	-25.5
7594	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	11.8	1.8	0.0	-3.9
7633	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	6.0	1.8	6.3	-4.7
7634	4460822.02	5339868.07	505.08	3	D	A	72.2	4.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	6.3	-0.4
7636	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	5.3	1.8	8.3	-6.1
7638	4460822.26	5339866.84	505.09	3	D	A	72.2	-3.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	6.3	-7.6
7640	4460822.35	5339866.37	505.09	3	D	A	72.2	-3.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.1	1.8	8.1	-11.4
7641	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	66								

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1531	4460871.79	5340022.89	504.02	0	D	A	73.9	7.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.6	1.8	0.0	11.6
1532	4460802.78	5340042.02	504.10	0	D	A	73.9	21.4	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	0.0	27.7
1573	4460776.79	5340049.22	504.13	1	D	A	73.9	7.4	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	14.0	1.7	20.3	-21.1
1574	4460771.67	5340050.64	504.13	1	D	A	73.9	7.1	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	14.0	1.7	20.2	-21.3
1576	4460765.65	5340052.31	504.14	1	D	A	73.9	8.7	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	14.1	1.7	20.2	-19.5
1577	4460761.16	5340053.55	504.14	1	D	A	73.9	2.8	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	14.1	1.7	20.1	-25.3
1578	4460751.20	5340056.31	504.15	1	D	A	73.9	12.7	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.1	1.7	20.0	-15.0
1580	4460739.23	5340059.63	504.17	1	D	A	73.9	7.8	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	13.9	1.7	20.1	-19.5
1581	4460738.10	5340059.95	504.17	2	D	A	73.9	5.7	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	14.6	1.7	20.5	-23.0
1587	4460863.01	5340025.33	504.03	1	D	A	73.9	-1.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.3	1.8	14.6	-11.4
1588	4460861.13	5340025.85	504.03	1	D	A	73.9	5.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.3	1.8	14.6	-5.0
1589	4460857.38	5340026.88	504.03	1	D	A	73.9	6.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.3	1.8	14.6	-3.3
1590	4460738.04	5340059.96	504.17	3	D	A	73.9	5.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	29.4	-18.1
1591	4460754.67	5340055.35	504.15	2	D	A	73.9	-0.9	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	28.5	-24.0
1592	4460754.20	5340055.48	504.15	2	D	A	73.9	-7.5	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	28.5	-30.5
1593	4460741.41	5340059.03	504.16	3	D	A	73.9	5.9	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	29.4	-17.8
1596	4460737.26	5340060.18	504.17	1	D	A	73.9	3.0	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	0.2	1.7	1.0	9.6
1597	4460636.03	5339993.45	504.74	0	D	A	73.9	19.0	0.9	3.0	0.0	60.9	1.0	4.4	0.0	0.0	0.0	1.6	0.0	29.0
1623	4460636.35	5339990.07	504.76	1	D	A	73.9	11.7	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	0.3	1.7	13.2	5.8
1624	4460633.89	5340016.00	504.66	2	D	A	73.9	1.8	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.2	1.7	14.5	-6.2
1627	4460635.50	5339999.01	504.72	1	D	A	73.9	10.4	0.9	3.0	0.0	61.1	1.0	4.4	0.0	0.0	0.2	1.6	3.8	16.2
1628	4460634.48	5340009.85	504.68	1	D	A	73.9	10.4	0.9	3.0	0.0	60.9	1.0	4.4	0.0	0.0	0.2	1.6	3.7	16.5
1629	4460632.83	5340027.19	504.61	1	D	A	73.9	10.8	0.9	3.0	0.0	60.8	1.0	4.4	0.0	0.0	0.3	1.6	6.1	14.4
1630	4460636.39	5339993.48	504.74	0	D	A	73.9	19.0	0.9	3.0	0.0	60.9	1.0	4.4	0.0	0.0	0.0	1.6	0.0	29.0
1653	4460635.81	5339999.65	504.72	1	D	A	73.9	10.4	0.9	3.0	0.0	61.1	1.0	4.4	0.0	0.0	0.2	1.6	3.8	16.2
1654	4460634.79	5340010.48	504.68	1	D	A	73.9	10.4	0.9	3.0	0.0	60.9	1.0	4.4	0.0	0.0	0.2	1.6	3.7	16.5
1656	4460633.20	5340027.49	504.61	1	D	A	73.9	10.6	0.9	3.0	0.0	60.8	1.0	4.4	0.0	0.0	0.4	1.6	6.1	14.2
1658	4460636.66	5339990.62	504.75	1	D	A	73.9	11.7	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	0.3	1.7	13.2	5.8
1659	4460634.30	5340015.74	504.66	2	D	A	73.9	1.8	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.2	1.7	14.5	-6.2
1662	4460843.26	5340097.57	503.88	0	D	A	73.9	6.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.4	1.7	0.0	7.0
1663	4460845.17	5340096.27	503.89	0	D	A	73.9	-5.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	6.5	1.7	0.0	-5.6
1666	4460845.86	5340095.80	503.89	0	D	A	73.9	1.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	6.3	1.7	0.0	1.0
1668	4460855.31	5340089.34	503.90	0	D	A	73.9	13.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.1	1.7	0.0	14.9
1670	4460866.47	5340081.72	503.92	0	D	A	73.9	7.4	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	2.1	1.7	0.0	10.7
1671	4460869.27	5340079.80	503.92	0	D	A	73.9	1.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	1.9	1.7	0.0	4.6
1673	4460878.71	5340073.35	503.93	0	D	A	73.9	13.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.3	1.7	0.0	18.2
1674	4460890.04	5340065.61	503.95	0	D	A	73.9	7.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.5	1.8	0.0	10.1
1675	4460895.11	5340062.15	503.96	0	D	A	73.9	8.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	2.8	1.8	0.0	10.1
1676	4460926.36	5340040.79	504.00	0	D	A	73.9	18.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	2.3	1.8	0.0	20.2
1677	4460970.60	5340010.56	504.06	0	D	A	73.9	15.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.0	1.8	0.0	18.0
1706	4460700.02	5340090.40	504.29	0	D	A	73.9	18.4	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	0.3	1.6	0.0	27.7
1717	4460667.26	5340082.04	504.42	1	D	A	73.9	2.5	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	14.3	1.6	19.1	-22.4
1718	4460668.25	5340082.29	504.42	1	D	A	73.9	-6.0	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	14.3	1.7	19.2	-31.0
1719	4460668.69	5340082.40	504.41	1	D	A	73.9	-1.7	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	14.3	1.7	19.2	-26.7
1720	4460670.23	5340082.79	504.41	1	D	A	73.9	4.0	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	14.3	1.7	19.2	-21.0
1724	4460671.43	5340083.10	504.40	2	D	A	73.9	4.1	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	14.1	1.7	20.6	-23.2
1726	4460673.01	5340083.50	504.40	2	D	A	73.9	-1.6	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	14.1	1.7	20.6	-28.9
1727	4460676.56	5340084.41	504.38	2	D	A	73.9	8.2	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	14.1	1.7	20.7	-19.2
1730	4460723.93	5340096.50	504.19	1	D	A	73.9	9.6	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	14.7	1.7	19.1	-16.9
1731	4460730.06	5340098.07	504.16	1	D	A	73.9	5.6	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	14.7	1.7	19.2	-21.0
1733	4460667.28	5340082.04	504.42	2	D	A	73.9	2.6	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	14.7	1.7	20.4	-25.9
1734	4460668.77	5340082.42	504.41	2	D	A	73.9	0.9	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	14.5	1.7	20.5	-27.5
1735	4460671.47	5340083.11	504.40	2	D	A	73.9	6.4	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	14.5	1.7	20.5	-22.0
1737	4460671.26	5340083.06	504.40	1	D	A	73.9	-1.4	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	14.3	1.7	19.2	-26.4
1738	4460671.99	5340083.24	504.40	1	D	A	73.9	-1.0	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	14.2	1.7	19.2	-26.1
1739	4460676.05	5340084.28	504.38	1	D	A	73.9	8.8	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	14.2	1.7	19.2	-16.3
1740	4460683.21	5340086.11	504.35	1	D	A	73.9	8.6	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	14.2	1.7	19.3	-16.7
1741	4460689.06	5340087.60	504.33	1	D	A	73.9	6.9	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	14.2	1.7	19.4	-18.6
1742	4460694.17	5340088.91	504.31	1	D	A	73.9	7.5	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	14.4	1.7	19.2	-18.1
1743	4460697.19	5340089.68	504.30	1	D	A	73.9	-2.5	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	14.4	1.7	19.2	-28.2
1744	4460698.50	5340090.01	504.29	1	D	A	73.9	3.3	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	14.4	1.7	19.3	-22.4
1745	4460700.23	5340090.45	504.29	1	D	A	73.9	1.6	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	14.9	1.7	18.7	-24.2
1746	4460704.71	5340091.60	504.27	1	D	A	73.9	8.9	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.9	1.7	18.8	-16.9
1747	4460708.82	5340092.64	504.25																	

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1765	4460700.00	5340090.39	504.29	3	D	A	73.9	13.0	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	0.1	1.7	27.3	-7.0
1766	4460720.67	5340095.67	504.20	2	D	A	73.9	-6.8	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	27.6	-28.2
1768	4460727.23	5340097.35	504.18	2	D	A	73.9	6.0	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.2	1.7	14.5	-1.9
1769	4460721.14	5340095.79	504.20	2	D	A	73.9	-9.9	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.2	1.7	14.5	-17.7
1770	4460723.29	5340096.34	504.19	2	D	A	73.9	6.4	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.2	1.7	14.5	-1.4
1771	4460686.44	5340086.93	504.34	3	D	A	73.9	3.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.1	1.7	28.9	-19.4
1772	4460673.10	5340083.53	504.40	1	D	A	73.9	11.4	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	0.3	1.6	12.6	7.9
1774	4460683.80	5340086.26	504.35	1	D	A	73.9	9.2	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.3	1.6	12.7	5.3
1775	4460688.43	5340087.44	504.33	3	D	A	73.9	4.0	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.2	1.7	28.0	-17.3
1776	4460692.07	5340088.37	504.32	3	D	A	73.9	7.0	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	0.2	1.7	27.9	-14.2
1819	4460709.80	5340066.07	504.33	0	D	A	73.9	17.3	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.3	1.6	0.0	26.1
1830	4460692.11	5340069.83	504.43	1	D	A	73.9	-0.2	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.2	1.7	19.5	-26.1
1831	4460689.39	5340070.40	504.45	1	D	A	73.9	6.6	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	14.2	1.7	19.5	-19.2
1832	4460686.42	5340071.03	504.47	1	D	A	73.9	1.7	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	14.2	1.7	19.4	-24.0
1833	4460685.43	5340071.24	504.47	1	D	A	73.9	-2.6	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	14.2	1.7	19.4	-28.3
1834	4460684.23	5340071.50	504.48	1	D	A	73.9	2.8	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	14.2	1.7	19.4	-22.8
1835	4460725.57	5340062.72	504.23	2	D	A	73.9	-0.9	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.5	1.7	20.7	-29.8
1838	4460732.64	5340061.22	504.19	1	D	A	73.9	8.7	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	14.0	1.7	20.0	-18.4
1839	4460720.38	5340063.82	504.26	1	D	A	73.9	12.4	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	14.0	1.7	19.8	-14.4
1840	4460703.22	5340067.47	504.37	1	D	A	73.9	12.4	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	14.1	1.7	19.6	-13.8
1841	4460693.79	5340069.47	504.42	1	D	A	73.9	2.5	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.1	1.7	19.5	-23.5
1842	4460692.13	5340069.82	504.43	1	D	A	73.9	2.1	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.2	1.7	19.5	-23.8
1843	4460735.60	5340060.59	504.17	2	D	A	73.9	1.6	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.6	1.7	20.5	-27.2
1844	4460734.64	5340060.80	504.18	2	D	A	73.9	-2.7	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.5	1.7	20.7	-31.5
1845	4460733.48	5340061.04	504.19	2	D	A	73.9	2.6	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.5	1.7	20.7	-26.2
1846	4460691.84	5340069.88	504.43	1	D	A	73.9	11.7	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.3	1.7	6.3	13.5
1847	4460683.99	5340071.55	504.48	1	D	A	73.9	1.5	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.2	1.6	6.1	3.8
1848	4460689.93	5340070.29	504.45	3	D	A	73.9	11.3	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.1	1.7	26.6	-7.4
1849	4460736.15	5340060.48	504.17	3	D	A	73.9	-5.1	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	29.4	-28.8
1850	4460727.95	5340062.22	504.22	1	D	A	73.9	12.3	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	0.2	1.7	2.5	17.4
2144	4460665.16	5340074.26	504.52	0	D	A	73.9	15.6	0.9	3.0	0.0	60.4	0.9	4.4	0.0	0.0	0.4	1.6	0.0	25.8
2154	4460679.30	5340072.26	504.49	1	D	A	73.9	9.1	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	14.2	1.7	19.3	-16.4
2156	4460671.75	5340073.33	504.51	1	D	A	73.9	8.6	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	14.2	1.7	19.2	-16.6
2157	4460660.01	5340074.99	504.53	1	D	A	73.9	12.2	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	14.3	1.6	19.1	-12.6
2158	4460649.43	5340076.48	504.55	1	D	A	73.9	6.8	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	14.9	1.6	18.5	-17.6
2159	4460671.42	5340073.37	504.51	2	D	A	73.9	7.2	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.2	1.7	20.5	-19.9
2161	4460668.58	5340073.78	504.51	2	D	A	73.9	-2.6	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.2	1.7	20.5	-29.6
2162	4460667.29	5340073.96	504.51	2	D	A	73.9	3.1	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	14.2	1.7	20.5	-23.9
2164	4460659.86	5340075.01	504.53	2	D	A	73.9	3.6	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.5	1.7	20.7	-25.2
2165	4460658.40	5340075.22	504.53	2	D	A	73.9	-1.8	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.5	1.7	20.7	-30.7
2166	4460657.07	5340075.40	504.53	2	D	A	73.9	3.0	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-25.8
2167	4460655.74	5340075.59	504.54	2	D	A	73.9	-1.8	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-30.7
2169	4460654.29	5340075.80	504.54	2	D	A	73.9	3.6	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-25.4
2170	4460653.01	5340075.98	504.54	2	D	A	73.9	-5.2	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-34.2
2171	4460652.03	5340076.12	504.54	2	D	A	73.9	2.2	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-26.8
2172	4460650.50	5340076.33	504.54	2	D	A	73.9	1.5	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-27.5
2173	4460649.69	5340076.45	504.55	2	D	A	73.9	-7.2	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-36.2
2174	4460648.32	5340076.64	504.55	2	D	A	73.9	4.1	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-24.9
2179	4460682.97	5340071.74	504.49	1	D	A	73.9	-1.9	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.1	1.6	6.2	0.4
2180	4460673.24	5340073.12	504.50	1	D	A	73.9	12.8	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	2.1	1.6	8.5	10.9
2181	4460682.82	5340071.76	504.49	3	D	A	73.9	-0.2	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	0.1	1.7	26.6	-18.8
2183	4460678.47	5340072.38	504.49	3	D	A	73.9	2.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.1	1.7	82.7	-74.5
2185	4460674.57	5340072.93	504.50	1	D	A	73.9	7.6	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	0.3	1.6	6.1	10.8
2186	4460664.90	5340074.30	504.52	1	D	A	73.9	11.4	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	0.3	1.6	12.5	8.3
2187	4460677.79	5340072.47	504.49	3	D	A	73.9	2.8	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	0.2	1.7	79.1	-70.0
2503	4460645.86	5339903.87	505.20	0	D	A	73.9	8.1	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	4.2	1.7	0.0	11.8
2505	4460644.28	5339916.84	505.12	0	D	A	73.9	12.9	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	3.8	1.7	0.0	17.3
2506	4460641.45	5339940.14	504.98	0	D	A	73.9	14.4	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	0.0	1.6	0.0	23.1
2575	4460643.09	5339926.67	505.06	2	D	A	73.9	9.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.6	1.8	38.4	-27.2
2577	4460646.21	5339901.04	505.22	2	D	A	73.9	-1.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	1.5	1.8	37.5	-36.5
2583	4460640.13	5339950.97	504.92	2	D	A	73.9	4.7	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.1	1.7	26.2	-14.1
2587	4460639.92	5339952.74	504.91	2	D	A	73.9	1.0	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.1	1.7	73.4	-65.0
2589	4460641.77	5339939.97	504.98	0	D	A	73.9	14.4	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	0.0	1.6	0.0	23.1
2593	4460644.59	5339916.50																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2749	4460640.25	5339952.63	504.91	2	D	A	73.9	1.0	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.1	1.7	73.4	-65.0
3199	4460922.88	5340007.55	503.96	0	D	A	73.9	20.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.5	1.8	0.0	23.6
3267	4461081.14	5339920.30	504.02	0	D	A	73.9	22.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	23.3
3354	4461012.22	5339981.88	504.12	0	D	A	73.9	18.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	0.0	20.3
3357	4461065.50	5339944.96	504.18	0	D	A	73.9	18.2	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.0	1.8	0.0	19.7
3439	4460737.51	5340100.02	504.14	0	D	A	73.9	9.0	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.3	1.6	0.0	17.4
3441	4460750.29	5340103.45	504.11	0	D	A	73.9	12.7	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	3.7	1.7	0.0	17.3
3443	4460760.81	5340106.28	504.09	0	D	A	73.9	5.2	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	3.6	1.7	0.0	9.6
3446	4460767.34	5340108.03	504.08	0	D	A	73.9	10.1	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	3.0	1.7	0.0	14.9
3485	4460757.26	5340105.33	504.10	2	D	A	73.9	9.5	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.5	1.7	20.7	-19.4
3486	4460763.58	5340107.02	504.09	2	D	A	73.9	6.1	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.5	1.7	20.8	-22.9
3509	4460766.36	5340107.77	504.08	1	D	A	73.9	10.9	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.2	1.7	2.5	15.7
3511	4460650.06	5339857.08	505.54	0	D	A	73.9	2.1	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.3	1.7	0.0	8.8
3513	4460649.83	5339859.65	505.52	0	D	A	73.9	5.5	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	0.9	1.7	0.0	11.6
3515	4460648.29	5339877.34	505.39	0	D	A	73.9	15.0	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	1.2	1.7	0.0	21.2
3517	4460646.81	5339894.28	505.27	0	D	A	73.9	3.1	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	3.3	1.7	0.0	7.5
3519	4460646.49	5339897.98	505.24	0	D	A	73.9	7.3	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	3.9	1.7	0.0	11.2
3711	4460646.61	5339896.57	505.25	2	D	A	73.9	9.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	1.5	1.8	37.3	-26.0
3719	4460649.19	5339867.00	505.47	2	D	A	73.9	2.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.7	1.8	37.7	-33.2
3722	4460649.00	5339869.24	505.45	2	D	A	73.9	4.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.5	1.8	37.3	-30.5
3723	4460648.72	5339872.35	505.43	2	D	A	73.9	5.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.3	1.8	36.7	-29.2
3742	4460649.32	5339865.47	505.48	2	D	A	73.9	5.8	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	1.0	1.8	38.7	-31.7
3744	4460649.12	5339867.82	505.46	2	D	A	73.9	-0.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.8	1.8	37.9	-36.7
3748	4460649.02	5339869.00	505.45	2	D	A	73.9	0.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.8	1.8	38.0	-36.1
3750	4460648.87	5339870.64	505.44	2	D	A	73.9	3.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.7	1.8	37.8	-32.8
3757	4460647.31	5339888.57	505.31	2	D	A	73.9	6.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.5	1.8	37.6	-29.4
3763	4460646.76	5339897.83	505.23	0	D	A	73.9	7.7	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	3.9	1.7	0.0	11.6
3765	4460647.13	5339893.90	505.26	0	D	A	73.9	3.2	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	3.3	1.7	0.0	7.5
3768	4460648.74	5339876.77	505.39	0	D	A	73.9	15.1	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	1.2	1.7	0.0	21.3
3771	4460650.43	5339858.88	505.53	0	D	A	73.9	5.5	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.8	1.7	0.0	11.6
3773	4460650.63	5339856.75	505.55	0	D	A	73.9	-1.6	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.3	1.7	0.0	5.1
4064	4460646.89	5339896.43	505.24	2	D	A	73.9	9.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	1.5	1.8	37.4	-25.8
4066	4460649.47	5339869.00	505.45	2	D	A	73.9	4.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.5	1.8	37.2	-30.4
4068	4460649.69	5339866.76	505.47	2	D	A	73.9	2.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.7	1.8	37.7	-33.1
4070	4460649.18	5339872.13	505.43	2	D	A	73.9	5.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.3	1.8	00.4	-92.9
4086	4460649.61	5339867.55	505.47	2	D	A	73.9	-0.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.7	1.8	37.9	-36.7
4088	4460649.83	5339865.19	505.48	2	D	A	73.9	5.8	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.9	1.8	38.7	-31.6
4092	4460649.34	5339870.39	505.44	2	D	A	73.9	3.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.7	1.8	37.8	-32.7
4094	4460649.50	5339868.74	505.46	2	D	A	73.9	0.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.8	1.8	09.5	-107.6
4098	4460647.68	5339888.09	505.31	2	D	A	73.9	6.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.5	1.8	37.7	-29.5
4102	4460655.68	5340079.29	504.49	0	D	A	73.9	13.4	0.9	3.0	0.0	60.1	0.9	4.4	0.0	0.0	0.4	1.6	0.0	23.9
4149	4460647.20	5340077.30	504.54	1	D	A	73.9	6.6	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	14.9	1.6	18.4	-17.8
4150	4460654.17	5340078.94	504.50	1	D	A	73.9	9.9	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	14.3	1.6	19.0	-14.7
4151	4460660.91	5340080.52	504.46	1	D	A	73.9	6.1	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	14.3	1.6	19.1	-18.6
4153	4460664.65	5340081.40	504.43	1	D	A	73.9	5.5	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	14.3	1.6	19.1	-19.3
4157	4460648.88	5340077.69	504.53	2	D	A	73.9	9.1	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-20.0
4158	4460652.97	5340078.66	504.50	2	D	A	73.9	-4.5	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-33.4
4159	4460654.44	5340079.00	504.50	2	D	A	73.9	4.3	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-24.6
4161	4460657.24	5340079.66	504.48	2	D	A	73.9	4.9	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-23.9
4163	4460659.03	5340080.08	504.47	2	D	A	73.9	-2.5	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	14.7	1.7	20.5	-31.3
4166	4460661.33	5340080.62	504.45	2	D	A	73.9	6.2	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	14.7	1.7	20.4	-22.5
4167	4460663.95	5340081.24	504.44	2	D	A	73.9	0.8	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	14.7	1.7	20.4	-27.8
4169	4460665.46	5340081.60	504.43	2	D	A	73.9	2.8	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	14.7	1.7	20.4	-25.8
4191	4460663.92	5340081.23	504.44	1	D	A	73.9	7.1	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	0.3	1.6	12.5	3.8
4196	4460631.28	5340043.42	504.57	0	D	A	73.9	13.1	0.9	3.0	0.0	59.9	0.9	4.4	0.0	0.0	0.2	1.5	0.0	24.0
4246	4460629.94	5340053.34	504.54	2	D	A	73.9	-3.3	0.9	3.0	0.0	64.7	1.4	4.5	0.0	0.0	14.4	1.7	21.1	-33.3
4258	4460630.35	5340050.26	504.55	1	D	A	73.9	8.2	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.0	1.6	23.3	-5.8
4259	4460631.46	5340042.10	504.57	1	D	A	73.9	9.9	0.9	3.0	0.0	61.4	1.0	4.4	0.0	0.0	0.0	1.6	23.2	-3.9
4260	4460630.88	5340046.34	504.56	2	D	A	73.9	9.0	0.9	3.0	0.0	62.1	1.1	4.5	0.0	0.0	0.0	1.6	25.0	-7.4
4261	4460631.87	5340039.03	504.57	3	D	A	73.9	6.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.0	1.8	32.0	-21.6
4262	4460631.11	5340044.66	504.56	3	D	A	73.9	-3.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.0	1.8	32.1	-31.5
4263	4460631.39	5340042.60	504.57	3	D	A	73.9	5.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.0	1.8	32.0	-22.2
4264	4460632.59	5340033.76	504.59	1	D	A	73.9	0.0	0.9	3.0	0.0	60.7	1.0	4.4	0.0	0.0	0.3	1.6	6.0	3.8
4266	4460630.90	5340043.34	504.56	0	D	A	7													

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4382	4460631.51	5340038.81	504.57	3	D	A	73.9	6.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.0	1.8	32.0	-21.6
4386	4460631.03	5340042.39	504.57	3	D	A	73.9	5.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.0	1.8	32.0	-22.2
4389	4460630.75	5340044.44	504.56	3	D	A	73.9	-3.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.0	1.8	32.1	-31.5
4391	4460632.23	5340033.48	504.59	1	D	A	73.9	-2.8	0.9	3.0	0.0	60.7	1.0	4.4	0.0	0.0	0.3	1.6	6.0	0.9
4967	4460629.77	5340060.16	504.52	0	D	A	73.9	11.3	0.9	3.0	0.0	59.6	0.9	4.4	0.0	0.0	1.0	1.5	0.0	21.7
4982	4460629.56	5340054.19	504.53	2	D	A	73.9	1.6	0.9	3.0	0.0	64.7	1.4	4.5	0.0	0.0	14.4	1.7	21.1	-28.3
4985	4460629.59	5340055.22	504.53	2	D	A	73.9	-2.2	0.9	3.0	0.0	64.7	1.4	4.5	0.0	0.0	14.4	1.7	21.1	-32.1
4988	4460629.64	5340056.43	504.53	2	D	A	73.9	2.6	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	10.5	1.7	24.9	-27.3
4990	4460629.68	5340057.65	504.53	2	D	A	73.9	-2.2	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	10.5	1.7	24.9	-32.1
4992	4460629.73	5340058.97	504.52	2	D	A	73.9	3.1	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	10.5	1.7	24.9	-26.8
4994	4460629.77	5340060.12	504.52	2	D	A	73.9	-5.7	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-35.5
4995	4460629.80	5340060.99	504.52	2	D	A	73.9	1.7	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-28.1
4997	4460629.85	5340062.36	504.51	2	D	A	73.9	1.0	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-28.8
5000	4460629.87	5340063.07	504.51	2	D	A	73.9	-7.8	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-37.5
5003	4460629.94	5340065.00	504.50	2	D	A	73.9	5.7	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-24.0
5023	4460629.66	5340056.94	504.53	1	D	A	73.9	8.4	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.0	1.6	23.3	-5.7
5024	4460630.15	5340060.13	504.52	0	D	A	73.9	11.2	0.9	3.0	0.0	59.6	0.9	4.4	0.0	0.0	1.0	1.5	0.0	21.7
5057	4460630.34	5340065.06	504.50	2	D	A	73.9	5.2	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-24.6
5058	4460630.28	5340063.34	504.51	2	D	A	73.9	-7.8	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-37.5
5059	4460630.25	5340062.63	504.51	2	D	A	73.9	1.0	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-28.8
5060	4460630.20	5340061.26	504.52	2	D	A	73.9	1.7	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-28.1
5061	4460630.16	5340060.39	504.52	2	D	A	73.9	-5.7	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-35.5
5062	4460630.12	5340059.24	504.52	2	D	A	73.9	3.1	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	10.5	1.7	24.9	-26.7
5064	4460630.07	5340057.92	504.53	2	D	A	73.9	-2.2	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	10.5	1.7	24.9	-32.0
5065	4460630.02	5340056.70	504.53	2	D	A	73.9	2.6	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	10.5	1.7	24.9	-27.2
5066	4460629.98	5340055.48	504.54	2	D	A	73.9	-2.2	0.9	3.0	0.0	64.7	1.3	4.5	0.0	0.0	14.4	1.7	21.1	-32.1
5067	4460629.94	5340054.38	504.54	2	D	A	73.9	2.1	0.9	3.0	0.0	64.7	1.4	4.5	0.0	0.0	14.4	1.7	21.1	-27.8
5075	4460630.04	5340057.10	504.53	1	D	A	73.9	8.5	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.0	1.6	23.4	-5.7
5077	4460640.91	5340075.45	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	0.4	1.5	0.0	21.9
5107	4460643.93	5340076.13	504.53	1	D	A	73.9	8.0	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	14.9	1.6	18.4	-16.3
5109	4460637.98	5340074.79	504.50	1	D	A	73.9	7.7	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.3	-16.5
5111	4460634.96	5340074.11	504.48	1	D	A	73.9	-4.3	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.3	-28.4
5117	4460645.39	5340076.45	504.54	2	D	A	73.9	5.3	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-23.9
5207	4460639.61	5340075.59	504.52	0	D	A	73.9	10.4	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	0.4	1.5	0.0	21.4
5232	4460634.47	5340074.46	504.49	1	D	A	73.9	-3.7	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.2	-27.8
5236	4460637.52	5340075.13	504.51	1	D	A	73.9	7.7	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.3	-16.5
5238	4460642.67	5340076.27	504.54	1	D	A	73.9	6.7	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	14.9	1.6	18.4	-17.5
5242	4460644.83	5340076.74	504.55	2	D	A	73.9	-5.5	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	14.6	1.7	20.6	-34.6
5264	4460774.80	5340109.95	504.06	0	D	A	73.9	7.1	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	2.4	1.7	0.0	12.4
5266	4460777.44	5340110.56	504.05	0	D	A	73.9	-6.2	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	1.7	1.7	0.0	-0.3
5267	4460786.17	5340112.60	504.02	0	D	A	73.9	12.5	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.3	1.7	0.0	19.6
5301	4460782.66	5340111.78	504.03	1	D	A	73.9	13.3	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.2	1.7	2.5	17.7
5303	4460793.91	5340114.41	503.99	1	D	A	73.9	2.5	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	1.2	1.7	2.9	5.3
5572	4460824.73	5340111.07	503.86	0	D	A	73.9	9.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	0.0	15.8
5574	4460834.92	5340103.60	503.87	0	D	A	73.9	12.1	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	6.2	1.7	0.0	12.1
5621	4460632.13	5340070.63	504.49	0	D	A	73.9	9.4	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	0.6	1.5	0.0	20.4
5651	4460633.77	5340073.55	504.49	1	D	A	73.9	2.3	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.2	-21.7
5652	4460634.23	5340074.35	504.49	1	D	A	73.9	-8.8	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	15.0	1.6	18.2	-32.8
5659	4460630.05	5340066.92	504.50	2	D	A	73.9	-7.9	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-37.6
5672	4461002.89	5339974.06	504.00	0	D	A	73.9	13.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	0.0	15.9
5674	4460982.48	5339986.29	503.94	0	D	A	73.9	14.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.0	1.8	0.0	17.0
5712	4460632.59	5340070.38	504.49	0	D	A	73.9	9.3	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	0.5	1.5	0.0	20.3
5756	4460634.74	5340074.00	504.48	1	D	A	73.9	-7.5	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.3	-31.6
5758	4460634.25	5340073.18	504.48	1	D	A	73.9	2.3	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	15.0	1.6	18.2	-21.7
5760	4460630.65	5340067.12	504.50	2	D	A	73.9	-0.1	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	14.5	1.7	20.9	-29.8
5776	4461120.56	5339907.28	504.18	0	D	A	73.9	18.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	0.0	18.8
6175	4460801.78	5340115.30	503.91	0	D	A	73.9	11.5	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.3	1.7	0.0	18.3
6180	4460803.33	5340115.45	503.90	1	D	A	73.9	7.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	1.0	1.7	4.9	8.2
6181	4460806.36	5340115.75	503.86	1	D	A	73.9	-8.9	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.7	1.7	4.5	-7.7
6182	4460807.60	5340115.87	503.85	1	D	A	73.9	3.7	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	4.1	5.8
6503	4461162.48	5339875.40	504.13	0	D	A	73.9	15.9	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	0.0	15.7
6669	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	0.0	15.4
6672	4460815.08	5340115.61	503.85	1	D	A	73.9	4.7	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.9	8.1
7197	4460811.22	5340116.02																		

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7555	4461169.79	5339846.65	503.90	0	D	A	73.9	9.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	8.6
7566	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	7.4
7580	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	7.1
7645	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	0.0	7.0
7655	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	6.7

Immissionspunkt
 Bez.: IO 2 G-Reis 19
 ID: IO
 X: 4460321.82 m
 Y: 5339619.17 m
 Z: 511.38 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3	4461064.01	5339863.84	504.50	0	D	A	90.2	17.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	10.3	1.8	0.0	23.7
8	4461038.11	5339874.68	504.49	0	D	A	90.2	6.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	9.9	1.8	0.0	14.1
13	4461033.50	5339876.61	504.49	0	D	A	90.2	7.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	9.5	1.8	0.0	14.8
17	4461024.78	5339880.25	504.48	0	D	A	90.2	11.4	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	9.2	1.8	0.0	19.5
19	4461017.40	5339883.34	504.48	0	D	A	90.2	3.5	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	9.1	1.8	0.0	11.9
22	4461013.67	5339884.91	504.48	0	D	A	90.2	7.7	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	8.9	1.8	0.0	16.2
25	4461010.23	5339886.34	504.48	0	D	A	90.2	2.1	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	8.8	1.8	0.0	10.7
27	4460998.43	5339891.28	504.47	0	D	A	90.2	13.8	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	10.5	1.8	0.0	20.9
30	4460985.10	5339896.86	504.47	0	D	A	90.2	6.9	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	10.8	1.8	0.0	13.8
32	4460976.27	5339900.56	504.46	0	D	A	90.2	11.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	11.1	1.8	0.0	18.2
35	4460956.35	5339908.89	504.46	0	D	A	90.2	14.6	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	10.0	1.8	0.0	22.7
37	4460942.19	5339914.82	504.45	0	D	A	90.2	2.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	9.2	1.8	0.0	11.4
40	4460939.83	5339915.81	504.45	0	D	A	90.2	5.3	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	11.7	1.8	0.0	11.8
42	4460936.00	5339917.41	504.45	0	D	A	90.2	6.9	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	12.0	1.8	0.0	13.2
45	4460929.94	5339919.94	504.44	0	D	A	90.2	9.2	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	12.0	1.8	0.0	15.5
47	4460923.44	5339922.67	504.44	0	D	A	90.2	7.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	9.5	1.8	0.0	16.6
50	4460918.09	5339924.91	504.44	0	D	A	90.2	7.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	9.2	1.8	0.0	16.9
53	4460913.04	5339927.02	504.44	0	D	A	90.2	7.2	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	9.1	1.8	0.0	16.6
55	4460905.04	5339930.36	504.43	0	D	A	90.2	10.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	8.5	1.8	0.0	20.9
58	4460898.81	5339932.97	504.43	0	D	A	90.2	1.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	8.1	1.8	0.0	12.0
61	4460897.02	5339933.72	504.43	0	D	A	90.2	4.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	1.0	1.8	0.0	21.6
63	4460894.59	5339934.74	504.43	0	D	A	90.2	4.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	1.0	1.8	0.0	22.2
66	4460890.87	5339936.30	504.43	0	D	A	90.2	7.2	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.2	1.8	0.0	25.8
69	4460879.39	5339941.10	504.42	0	D	A	90.2	12.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	1.9	1.8	0.0	29.9
72	4460868.93	5339945.48	504.42	0	D	A	90.2	4.9	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	1.9	1.8	0.0	22.0
74	4460852.60	5339952.31	504.41	0	D	A	90.2	15.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.7	1.8	0.0	33.5
77	4460836.70	5339958.97	504.40	0	D	A	90.2	3.4	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.7	1.8	0.0	22.0
79	4460827.40	5339962.86	504.40	0	D	A	90.2	12.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.9	1.8	0.0	31.1
82	4460813.63	5339968.62	504.39	0	D	A	90.2	10.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.0	1.8	0.0	29.3
84	4460798.61	5339974.91	504.39	0	D	A	90.2	13.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.1	1.8	0.0	31.7
87	4460766.28	5339988.44	504.37	0	D	A	90.2	16.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	1.4	1.8	0.0	35.5
90	4460739.17	5339999.79	504.36	0	D	A	90.2	9.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	1.2	1.8	0.0	28.8
1004	4460882.84	5339939.66	504.42	1	D	A	90.2	10.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	14.9	1.8	12.6	0.9
1005	4460874.49	5339943.15	504.42	1	D	A	90.2	8.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	14.9	1.8	12.6	-0.9
1006	4460870.87	5339944.67	504.42	1	D	A	90.2	-1.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	14.7	1.8	12.8	-10.9
1007	4460862.10	5339948.34	504.42	1	D	A	90.2	12.6	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	14.7	1.8	12.8	3.4
1008	4460848.84	5339953.89	504.41	1	D	A	90.2	10.2	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	14.8	1.8	12.8	1.1
1010	4460840.90	5339957.21	504.41	1	D	A	90.2	8.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	14.8	1.8	12.7	-0.7
1012	4460837.52	5339958.63	504.40	1	D	A	90.2	-2.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	14.8	1.8	12.7	-11.3
1014	4460829.81	5339961.85	504.40	1	D	A	90.2	12.1	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.8	1.8	12.7	3.2
1016	4460816.83	5339967.28	504.40	1	D	A	90.2	10.8	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	14.8	1.8	12.6	2.0
1017	4460807.14	5339971.34	504.39	1	D	A	90.2	9.5	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	14.9	1.8	12.6	0.9
1018	4460795.85	5339976.06	504.39	1	D	A	90.2	11.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	14.9	1.8	12.5	3.4
1019	4460784.92	5339980.64	504.38	1	D	A	90.2	9.1	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	14.9	1.8	12.5	0.7
1020	4460775.38	5339984.63	504.38	1	D	A	90.2	11.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.9	1.8	12.5	2.6
1021	4460767.25	5339988.03	504.38	1	D	A	90.2	7.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.9	1.8	12.4	-1.1
1022	4460764.09	5339989.35	504.37	1	D	A	90.2	2.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	14.9	1.8	12.4	-5.9
1023	4460758.13	5339991.85	504.37	1	D	A	90.2	10.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	14.9	1.8	12.4	2.3
1024	4460747.51	5339996.29	504.37	1	D	A	90.2	10.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	14.9	1.8	12.4	2.7
1025	4460738.44	5340000.09	504.36	1	D	A	90.2	8.9	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.2	1.8	12.2	1.0
1026	4460762.27	5339990.12	504.37	3	D	A	90.2	2.6	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.9	1.8	22.7	-16.0
1027	4460754.62	5339993.32	504.37	3	D	A	90.2	11.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	14.9	1.8	22.7	-6.8
1028	4460742.45	5339998.41	504.36	3	D	A	90.2	10.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	14.9	1.8	22.7	-7.7
1030	4460736.87	5340000.74	504.36	3	D	A	90.2	-3.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	14.9	1.8	22.6	-21.8
1032	4460777.75	5339983.64	504.38	2	D	A	90.2	19.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	14.9	1.8	22.1	0.8
1070	4460779.45	5339982.93	504.38	3	D	A	90.2	17.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	1.5	1.8	21.8	12.2
1071	4460743.70	5339997.89	504.37	3	D	A	90.2	12.8	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	2.4	1.8	12.4	16.4

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1072	4461085.20	5339854.97	504.51	1	D	A	90.2	7.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	5.0	1.8	25.3	-6.4
1073	4461062.85	5339864.32	504.50	1	D	A	90.2	16.3	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.6	1.8	25.5	2.1
1074	4461041.33	5339873.33	504.49	1	D	A	90.2	5.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.0	1.8	24.9	-7.4
1075	4461037.92	5339874.75	504.49	1	D	A	90.2	5.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	4.2	1.8	24.1	-5.4
1076	4461030.94	5339877.68	504.49	1	D	A	90.2	10.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.2	1.8	23.0	1.5
1077	4461024.60	5339880.33	504.48	1	D	A	90.2	3.9	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	2.4	1.8	21.7	-3.0
1078	4461018.64	5339882.82	504.48	1	D	A	90.2	10.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.9	1.8	20.8	4.9
1079	4461013.72	5339884.88	504.48	1	D	A	90.2	-7.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.6	1.8	20.1	-11.4
1090	4460934.71	5339917.95	504.45	3	D	A	90.2	3.1	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	6.7	1.9	47.4	-135.7
1091	4460931.51	5339919.29	504.44	3	D	A	90.2	6.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	6.7	1.9	47.2	-131.6
1092	4460928.99	5339920.34	504.44	3	D	A	90.2	-2.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	7.0	1.9	46.6	-141.1
1093	4460927.87	5339920.81	504.44	3	D	A	90.2	2.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	7.0	1.9	46.5	-135.4
1094	4460925.85	5339921.66	504.44	3	D	A	90.2	3.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	1.7	1.9	42.7	-125.1
1096	4460922.55	5339923.04	504.44	3	D	A	90.2	6.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.8	1.9	42.6	-122.4
1097	4460920.25	5339924.00	504.44	3	D	A	90.2	-5.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.4	1.9	41.2	-132.5
1454	4460832.50	5339960.72	504.40	3	D	A	90.2	-3.8	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.9	-236.9
1456	4460831.87	5339960.99	504.40	3	D	A	90.2	-0.2	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.8	-233.2
1457	4460830.42	5339961.60	504.40	3	D	A	90.2	3.4	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.8	-229.5
1458	4460828.35	5339962.46	504.40	3	D	A	90.2	3.6	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.7	-229.2
1459	4460827.13	5339962.97	504.40	3	D	A	90.2	-4.3	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.6	-237.1
1460	4460826.59	5339963.20	504.40	3	D	A	90.2	-1.1	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.6	-233.8
1461	4460825.02	5339963.85	504.40	3	D	A	90.2	4.2	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.2	1.9	40.3	-228.2
1462	4460823.50	5339964.49	504.40	3	D	A	90.2	-1.7	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.1	1.9	40.0	-233.9
1463	4460823.10	5339964.66	504.40	3	D	A	90.2	-7.3	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.1	1.9	40.0	-239.4
1465	4460822.78	5339964.79	504.40	3	D	A	90.2	-2.8	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.1	1.9	39.9	-234.9
1467	4460820.95	5339965.56	504.40	3	D	A	90.2	5.4	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.1	1.9	39.6	-226.4
1468	4460818.62	5339966.53	504.40	3	D	A	90.2	2.1	0.9	3.0	0.0	76.2	3.3	4.7	0.0	0.0	0.1	1.9	39.3	-229.2
1477	4461027.43	5339879.15	504.49	3	D	A	90.2	4.6	0.9	3.0	0.0	75.1	3.0	4.7	0.0	0.0	0.0	1.9	65.0	-51.1
1542	4460777.39	5339983.79	504.38	3	D	A	90.2	5.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.3	1.9	44.5	-24.0
1543	4460771.16	5339986.40	504.38	3	D	A	90.2	10.0	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.3	1.9	44.7	-19.6
1544	4460766.05	5339988.54	504.37	3	D	A	90.2	0.4	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.5	1.9	45.4	-30.1
1545	4460762.90	5339989.85	504.37	3	D	A	90.2	7.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.5	1.9	45.6	-23.0
1546	4460758.01	5339991.90	504.37	3	D	A	90.2	6.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.0	1.9	47.5	-26.1
1547	4460949.32	5339911.83	504.45	3	D	A	90.2	4.2	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.5	1.8	20.3	-0.3
1548	4460945.94	5339913.25	504.45	3	D	A	90.2	6.7	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.4	1.8	19.9	2.8
1549	4460943.16	5339914.41	504.45	3	D	A	90.2	1.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	6.1	1.8	28.2	-16.7
1550	4460941.34	5339915.17	504.45	3	D	A	90.2	4.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	6.5	1.8	28.4	-14.4
1551	4460935.20	5339917.74	504.45	3	D	A	90.2	10.3	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	7.3	1.8	28.8	-9.3
1552	4460929.27	5339920.23	504.44	3	D	A	90.2	3.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.3	1.8	28.7	-16.2
1553	4460924.41	5339922.26	504.44	3	D	A	90.2	9.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	2.1	1.8	23.8	-0.1
1554	4460917.78	5339925.03	504.44	3	D	A	90.2	7.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.7	1.8	23.0	-0.4
1555	4460911.74	5339927.56	504.44	3	D	A	90.2	8.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.8	21.7	2.4
1556	4460908.30	5339929.00	504.43	3	D	A	90.2	-4.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.7	1.8	20.5	-9.2
1558	4460907.72	5339929.24	504.43	3	D	A	90.2	-0.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	18.6	-2.5
1559	4460906.52	5339929.75	504.43	3	D	A	90.2	2.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	18.7	0.2
1560	4460905.51	5339930.17	504.43	3	D	A	90.2	-3.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.3	1.8	19.3	-6.0
1561	4460895.67	5339934.29	504.43	3	D	A	90.2	13.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.3	1.8	19.4	10.3
1562	4460885.20	5339938.67	504.42	3	D	A	90.2	2.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	18.6	0.9
1563	4460882.65	5339939.74	504.42	3	D	A	90.2	5.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	18.5	4.0
1564	4460880.85	5339940.49	504.42	3	D	A	90.2	-6.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	18.5	-8.0
1611	4461070.48	5339861.13	504.50	3	D	A	90.2	15.7	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	45.6	-15.3
1612	4460926.46	5339921.40	504.44	3	D	A	90.2	24.4	0.9	3.0	0.0	69.2	1.9	4.6	0.0	0.0	0.8	1.8	43.8	-3.7
1613	4460786.73	5339979.88	504.38	3	D	A	90.2	14.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	17.5	15.5
1614	4460767.78	5339987.81	504.38	3	D	A	90.2	11.2	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	1.4	1.8	20.8	7.9
2214	4461055.72	5339867.30	504.50	1	D	A	90.2	13.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.1	1.8	14.9	7.1
2215	4461039.27	5339874.19	504.49	2	D	A	90.2	1.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.1	1.8	27.8	-117.6
2216	4461037.65	5339874.87	504.49	2	D	A	90.2	3.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.0	1.8	27.7	-115.2
2217	4461036.25	5339875.45	504.49	2	D	A	90.2	-0.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	8.0	1.8	27.6	-119.4
2218	4460947.25	5339912.70	504.45	2	D	A	90.2	8.0	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	7.6	1.8	20.3	-101.8
2241	4461012.67	5339885.32	504.48	2	D	A	90.2	6.6	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	7.5	1.8	27.1	-10.6
2243	4461017.18	5339883.43	504.48	2	D	A	90.2	7.2	0.9	3.0	0.0	68.5	1.8	4.6	0.0	0.0	7.4	1.8	26.6	-109.4
2248	4461004.98	5339888.54	504.48	2	D	A	90.2	-4.0	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	7.4	1.8	25.8	-119.7
2249	4461003.74	5339889.06	504.48	2	D	A	90.2	3.6	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	9.2	1.8	23.8	-112.0
2250	4461068.56	5339861.93	504.50																	

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2257	4460930.96	5339919.52	504.44	3	D	A	90.2	-0.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	8.6	1.8	22.8	-114.1
2258	4460882.50	5339939.80	504.42	1	D	A	90.2	6.1	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	9.5	1.8	44.7	-29.8
2259	4460998.49	5339891.26	504.47	1	D	A	90.2	9.6	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	8.2	1.8	47.9	-29.0
2669	4460997.91	5339891.50	504.47	1	D	A	90.2	22.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	41.7	-3.4
2671	4460895.99	5339934.15	504.43	1	D	A	90.2	14.2	0.9	3.0	0.0	68.7	1.9	4.6	0.0	0.0	0.2	1.8	37.2	-6.1
2673	4460848.30	5339954.11	504.41	1	D	A	90.2	18.9	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.4	1.8	36.7	-0.4
2675	4460773.80	5339985.29	504.38	1	D	A	90.2	19.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	1.3	1.8	18.5	18.5
2681	4460842.12	5339938.83	504.35	0	D	A	90.2	12.3	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.9	1.8	0.0	30.8
2683	4460851.30	5339934.97	504.35	0	D	A	90.2	4.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	2.4	1.8	0.0	21.7
2686	4460861.41	5339930.71	504.35	0	D	A	90.2	12.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.5	1.8	0.0	29.5
2688	4460872.49	5339926.05	504.35	0	D	A	90.2	7.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	0.0	26.0
2689	4460876.07	5339924.54	504.35	0	D	A	90.2	4.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.3	1.8	0.0	22.0
2691	4460878.42	5339923.55	504.35	0	D	A	90.2	3.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.4	1.8	0.0	21.5
2692	4460880.15	5339922.83	504.36	0	D	A	90.2	1.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	8.6	1.8	0.0	11.7
2695	4460886.17	5339920.29	504.36	0	D	A	90.2	10.7	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	9.0	1.8	0.0	20.6
2696	4460893.88	5339917.04	504.36	0	D	A	90.2	7.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	9.8	1.8	0.0	16.1
2698	4460898.75	5339914.99	504.36	0	D	A	90.2	7.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	10.0	1.8	0.0	16.3
2699	4460903.92	5339912.82	504.36	0	D	A	90.2	7.5	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	10.4	1.8	0.0	15.9
2701	4460910.19	5339910.18	504.36	0	D	A	90.2	9.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	15.2	1.8	0.0	12.4
2704	4460916.04	5339907.72	504.36	0	D	A	90.2	6.7	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	15.0	1.8	0.0	10.3
2706	4460919.73	5339906.16	504.36	0	D	A	90.2	5.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.1	1.8	0.0	9.6
2710	4460922.01	5339905.20	504.36	0	D	A	90.2	2.2	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	9.6	1.8	0.0	11.2
2713	4460935.67	5339899.45	504.36	0	D	A	90.2	14.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	10.6	1.8	0.0	22.2
2715	4460954.89	5339891.36	504.37	0	D	A	90.2	11.4	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	12.6	1.8	0.0	17.0
2717	4460963.40	5339887.78	504.37	0	D	A	90.2	6.8	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	12.1	1.8	0.0	12.8
2720	4460976.25	5339882.36	504.37	0	D	A	90.2	13.6	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	11.5	1.8	0.0	20.1
2723	4460987.63	5339877.57	504.37	0	D	A	90.2	1.9	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	10.1	1.8	0.0	9.6
2725	4460990.95	5339876.18	504.37	0	D	A	90.2	7.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	9.3	1.8	0.0	16.0
2727	4460994.55	5339874.66	504.37	0	D	A	90.2	3.4	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	9.1	1.8	0.0	12.0
2729	4461001.66	5339871.67	504.37	0	D	A	90.2	11.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.6	1.8	0.0	19.3
2732	4461010.06	5339868.13	504.37	0	D	A	90.2	7.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	10.0	1.8	0.0	14.5
2735	4461014.51	5339866.26	504.37	0	D	A	90.2	6.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	10.9	1.8	0.0	13.3
2737	4461020.74	5339863.64	504.38	0	D	A	90.2	9.5	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	12.3	1.8	0.0	14.6
3893	4460835.28	5339941.71	504.35	1	D	A	90.2	3.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.8	1.8	12.6	-5.6
3895	4460844.40	5339937.87	504.35	1	D	A	90.2	12.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.8	1.8	12.7	3.6
3896	4460852.88	5339934.30	504.35	1	D	A	90.2	-1.7	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	14.8	1.8	12.7	-10.7
3899	4460856.38	5339932.83	504.35	1	D	A	90.2	8.4	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	15.0	1.8	12.5	-0.6
3901	4460861.74	5339930.57	504.35	1	D	A	90.2	6.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	15.0	1.8	12.5	-2.4
3903	4460866.63	5339928.51	504.35	1	D	A	90.2	7.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	15.0	1.8	12.5	-1.5
3954	4460990.18	5339876.50	504.37	1	D	A	90.2	-7.2	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	4.1	1.8	23.6	-17.2
3955	4460996.01	5339874.05	504.37	1	D	A	90.2	11.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.5	1.8	21.6	4.5
3957	4461006.78	5339869.51	504.37	1	D	A	90.2	10.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.1	1.8	23.7	0.1
3959	4461013.50	5339866.69	504.37	1	D	A	90.2	5.6	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	5.3	1.8	24.8	-7.0
3961	4461016.78	5339865.30	504.37	1	D	A	90.2	5.4	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	6.7	1.8	25.7	-9.6
3962	4461021.59	5339863.28	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	9.6	1.8	26.7	-10.5
3975	4460900.26	5339914.36	504.36	3	D	A	90.2	-5.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	3.2	1.9	42.5	-135.4
3977	4460902.49	5339913.42	504.36	3	D	A	90.2	6.6	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	3.6	1.9	43.3	-124.7
3979	4460905.71	5339912.06	504.36	3	D	A	90.2	3.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	3.7	1.9	43.8	-128.1
3980	4460907.67	5339911.24	504.36	3	D	A	90.2	2.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	13.0	1.9	37.9	-132.7
3982	4460908.76	5339910.78	504.36	3	D	A	90.2	-2.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	13.0	1.9	38.0	-138.3
3983	4460911.21	5339909.75	504.36	3	D	A	90.2	6.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	12.9	1.9	38.4	-128.9
3984	4460914.33	5339908.43	504.36	3	D	A	90.2	3.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	12.9	1.9	38.6	-133.0
4740	4461001.74	5339871.64	504.37	3	D	A	90.2	4.5	0.9	3.0	0.0	75.0	3.0	4.7	0.0	0.0	0.0	1.9	64.2	-50.2
4830	4460861.31	5339930.75	504.35	3	D	A	90.2	-6.5	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	0.1	1.8	18.3	-7.7
4832	4460863.05	5339930.02	504.35	3	D	A	90.2	5.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	18.3	4.3
4834	4460865.52	5339928.98	504.35	3	D	A	90.2	2.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	18.4	1.2
4837	4460875.67	5339924.71	504.35	3	D	A	90.2	13.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.6	1.8	19.9	9.7
4838	4460885.21	5339920.69	504.36	3	D	A	90.2	-3.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.5	1.8	19.7	-6.5
4839	4460886.19	5339920.28	504.36	3	D	A	90.2	2.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	18.5	0.5
4841	4460887.35	5339919.79	504.36	3	D	A	90.2	-0.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	18.5	-2.1
4843	4460887.91	5339919.56	504.36	3	D	A	90.2	-4.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.3	1.8	22.0	-11.2
4845	4460891.25	5339918.15	504.36	3	D	A	90.2	8.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	2.2	1.8	23.7	-0.6
4848	4460897.10	5339915.69	504.36	3	D	A	90.2	7.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	3.0	1.8	25.0	-3.5
4849	4460903.52	5339912.99	504.36	3	D	A														

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4854	4460924.38	5339904.20	504.36	3	D	A	90.2	6.6	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.7	1.8	20.7	1.8
4855	4460927.66	5339902.82	504.36	3	D	A	90.2	4.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.0	1.8	21.4	-1.6
4920	4460927.68	5339902.81	504.36	2	D	A	90.2	7.8	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	7.9	1.8	17.5	-99.1
4922	4461018.77	5339864.47	504.38	1	D	A	90.2	11.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	8.6	1.8	14.9	5.1
4927	4461015.70	5339865.76	504.37	2	D	A	90.2	6.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	8.3	1.8	48.9	-33.5
4930	4461012.19	5339867.23	504.37	2	D	A	90.2	5.5	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	8.2	1.8	24.5	-109.8
4936	4460936.11	5339899.26	504.36	2	D	A	90.2	11.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	8.4	1.8	26.8	-5.3
4941	4460959.67	5339889.34	504.37	1	D	A	90.2	9.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	8.6	1.8	46.2	-27.5
4980	4460991.48	5339875.95	504.37	2	D	A	90.2	6.4	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	7.6	1.8	27.0	-10.5
4981	4460995.89	5339874.10	504.37	2	D	A	90.2	7.1	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	7.6	1.8	23.7	-106.6
4983	4460983.14	5339879.47	504.37	2	D	A	90.2	3.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	9.6	1.8	20.8	-109.2
4986	4460984.34	5339878.96	504.37	2	D	A	90.2	-4.1	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	7.6	1.8	23.0	-116.9
4989	4461024.32	5339862.13	504.38	3	D	A	90.2	0.3	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	7.3	1.8	28.4	-118.1
4999	4460906.56	5339911.70	504.36	2	D	A	90.2	3.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	8.9	1.8	11.4	1.1
5002	4460915.58	5339907.91	504.36	3	D	A	90.2	-0.6	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	8.8	1.8	28.1	-19.5
5005	4460916.77	5339907.41	504.36	3	D	A	90.2	2.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	9.3	1.8	28.2	-17.2
5008	4460890.05	5339918.66	504.36	1	D	A	90.2	6.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	10.3	1.8	25.5	-11.2
6122	4460734.95	5339919.34	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.8	1.8	0.0	27.6
6123	4460754.44	5339926.43	504.38	0	D	A	90.2	15.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.8	1.8	0.0	32.2
6124	4460781.58	5339936.30	504.37	0	D	A	90.2	13.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	1.6	1.8	0.0	32.6
6161	4460736.31	5339919.84	504.38	1	D	A	90.2	10.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.2	1.8	12.0	3.5
6162	4460758.95	5339928.07	504.38	1	D	A	90.2	15.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	15.1	1.8	12.2	8.3
6164	4460784.72	5339937.44	504.37	1	D	A	90.2	12.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.0	1.8	12.3	4.5
6176	4460668.49	5339972.94	504.39	0	D	A	90.2	2.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.2	1.7	0.0	18.0
6177	4460667.55	5339969.03	504.39	0	D	A	90.2	7.9	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	6.7	1.7	0.0	22.8
6184	4460668.28	5339972.06	504.39	1	D	A	90.2	5.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	15.6	1.8	19.3	-8.6
6185	4460667.34	5339968.15	504.39	1	D	A	90.2	6.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	15.7	1.8	19.2	-7.8
6186	4460667.06	5339967.02	504.39	1	D	A	90.2	3.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	7.9	1.7	95.5	-78.7
6188	4460667.77	5339969.93	504.39	2	D	A	90.2	9.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.2	1.8	14.5	7.6
6194	4460668.42	5339972.62	504.39	2	D	A	90.2	4.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	6.3	1.7	14.1	5.0
6195	4460667.65	5339969.45	504.39	2	D	A	90.2	6.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	7.7	1.7	14.7	5.2
6199	4460667.01	5339954.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	64.7	1.3	4.6	0.0	0.0	8.0	1.7	0.0	22.7
6223	4460666.72	5339956.72	504.39	1	D	A	90.2	5.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-0.8
6225	4460667.25	5339952.93	504.39	1	D	A	90.2	6.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.9	1.8	11.3	-0.1
6230	4460667.01	5339954.68	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.0	1.7	94.4	-71.8
6236	4460666.76	5339956.46	504.39	2	D	A	90.2	6.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	5.6	1.8	14.1	5.8
6239	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	5.8	1.7	0.0	24.8
6249	4460695.47	5339918.06	504.33	1	D	A	90.2	-2.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.6	1.8	11.5	-9.1
6250	4460699.03	5339916.79	504.35	1	D	A	90.2	8.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.6	1.8	11.5	2.2
6291	4460704.21	5339915.32	504.37	0	D	A	90.2	5.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.5	1.7	0.0	22.0
6292	4460707.95	5339914.74	504.38	0	D	A	90.2	5.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.2	1.7	0.0	22.3
6319	4460702.34	5339915.61	504.37	1	D	A	90.2	-18.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.6	1.8	11.6	-24.9
6320	4460706.09	5339915.03	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	15.5	1.8	11.6	2.4
6331	4460666.81	5339965.79	504.39	0	D	A	90.2	-3.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	7.0	1.7	0.0	11.5
6332	4460666.72	5339963.81	504.39	0	D	A	90.2	5.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	8.1	1.7	0.0	19.0
6333	4460666.56	5339960.27	504.40	0	D	A	90.2	5.6	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.2	1.7	0.0	19.2
6345	4460666.67	5339962.71	504.39	1	D	A	90.2	8.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	15.7	1.8	19.1	-5.8
6346	4460666.50	5339958.93	504.40	1	D	A	90.2	-0.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.9	1.8	11.3	-6.6
6348	4460666.77	5339964.74	504.39	1	D	A	90.2	4.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	8.1	1.7	95.1	-77.5
6349	4460666.59	5339960.95	504.40	1	D	A	90.2	7.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.2	1.7	94.7	-74.2
6357	4460666.82	5339966.00	504.39	2	D	A	90.2	-12.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.6	1.8	14.7	-14.8
6358	4460666.72	5339963.64	504.39	2	D	A	90.2	6.7	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	6.7	1.8	14.8	4.6
6359	4460666.60	5339961.02	504.40	2	D	A	90.2	-2.4	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	6.8	1.8	14.8	-4.6
6360	4460666.53	5339959.60	504.40	2	D	A	90.2	3.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	6.7	1.8	14.8	1.5
6364	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	9.0	1.7	0.0	21.6
6384	4460668.51	5339947.39	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	16.0	1.8	11.1	2.4
6385	4460668.51	5339947.39	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	9.0	1.7	93.0	-71.5
6417	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	4.9	1.7	0.0	25.6
6462	4460713.62	5339914.50	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	15.5	1.8	11.7	2.3
6496	4460681.28	5339927.12	504.36	0	D	A	90.2	8.4	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	7.9	1.7	0.0	22.5
6515	4460683.74	5339924.79	504.36	1	D	A	90.2	-10.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-16.3
6517	4460680.78	5339927.59	504.36	1	D	A	90.2	7.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.8	1.8	11.3	1.3
6519	4460683.24	5339925.26	504.36	1	D	A	90.2	1.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-5.1
6523	4460681.10	5339927.29	504.36	3	D	A</														

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
6662	4460684.14	5339924.50	504.36	3	D	A	90.2	-0.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.8	1.8	13.4	-8.8
6674	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.4	1.7	0.0	25.6
6691	4460719.11	5339914.89	504.39	1	D	A	90.2	5.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	15.4	1.8	11.7	-1.2
6693	4460722.63	5339915.59	504.41	1	D	A	90.2	5.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.4	1.8	11.8	-1.0
6710	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	6.7	1.7	0.0	23.3
6773	4460692.27	5339919.51	504.34	1	D	A	90.2	8.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	1.9
6794	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	4.6	1.8	0.0	25.3
6824	4460677.32	5339989.34	504.34	1	D	A	90.2	8.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.4	1.8	19.6	-6.0
6834	4460677.32	5339989.34	504.34	2	D	A	90.2	8.7	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	4.3	1.8	13.3	10.1
6844	4460677.99	5339990.15	504.34	2	D	A	90.2	7.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.6	1.8	13.1	10.6
6845	4460675.63	5339987.27	504.35	2	D	A	90.2	3.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.0	1.8	13.3	6.0
6846	4460671.24	5339979.21	504.36	0	D	A	90.2	3.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.7	1.7	0.0	19.0
6847	4460669.75	5339976.05	504.38	0	D	A	90.2	6.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.9	1.7	0.0	22.5
6874	4460670.20	5339977.00	504.37	1	D	A	90.2	8.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.6	1.8	19.3	-6.0
6876	4460670.20	5339977.00	504.37	2	D	A	90.2	8.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	5.7	1.8	14.3	7.6
6882	4460670.20	5339977.00	504.37	2	D	A	90.2	8.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.9	1.8	13.8	10.0
6889	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.9	1.8	0.0	25.9
6944	4460682.46	5339994.77	504.35	1	D	A	90.2	8.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.4	1.8	19.7	-6.2
6945	4460682.46	5339994.77	504.35	2	D	A	90.2	8.8	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	3.6	1.8	12.7	11.4
6947	4460685.23	5339997.33	504.36	3	D	A	90.2	-19.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.9	1.8	16.3	-23.9
6957	4460683.70	5339995.92	504.35	2	D	A	90.2	6.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	4.0	1.8	12.5	10.6
6958	4460680.92	5339993.35	504.34	2	D	A	90.2	5.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.3	1.8	12.8	9.2
6959	4460683.52	5339995.75	504.35	1	D	A	90.2	6.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.1	1.8	10.0	8.1
6960	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.3	1.8	0.0	24.5
6982	4460673.32	5339983.31	504.35	1	D	A	90.2	8.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.5	1.8	19.5	-6.1
6985	4460674.47	5339985.51	504.35	2	D	A	90.2	3.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	4.8	1.8	13.6	3.9
6987	4460672.83	5339982.36	504.35	2	D	A	90.2	7.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	5.0	1.8	13.9	7.2
7005	4460673.32	5339983.31	504.35	2	D	A	90.2	8.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.4	1.8	13.6	10.8
7007	4460727.78	5339916.94	504.41	0	D	A	90.2	8.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.1	1.7	0.0	25.7
7047	4460727.78	5339916.94	504.41	1	D	A	90.2	8.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.4	1.8	11.8	1.6
7080	4460669.96	5339942.93	504.38	0	D	A	90.2	3.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	9.1	1.7	0.0	16.1
7082	4460671.27	5339940.24	504.36	0	D	A	90.2	5.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.1	1.7	0.0	19.7
7108	4460670.70	5339941.42	504.37	1	D	A	90.2	7.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	16.0	1.8	11.1	1.2
7109	4460672.00	5339938.74	504.36	1	D	A	90.2	-3.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.9	1.8	11.2	-9.2
7110	4460670.89	5339941.02	504.37	3	D	A	90.2	-4.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.8	1.8	13.3	-12.8
7111	4460671.54	5339939.69	504.36	3	D	A	90.2	4.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.8	1.8	13.3	-4.1
7116	4460696.12	5340003.06	504.37	0	D	A	90.2	6.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.7	1.8	0.0	24.8
7117	4460692.70	5340001.52	504.37	0	D	A	90.2	4.3	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	3.0	1.8	0.0	22.1
7161	4460694.88	5340002.51	504.37	1	D	A	90.2	8.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	15.3	1.8	20.0	-6.6
7162	4460697.14	5340003.52	504.37	2	D	A	90.2	4.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.7	1.8	20.7	-12.8
7163	4460694.45	5340002.31	504.37	2	D	A	90.2	5.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.7	1.8	20.7	-11.6
7168	4460697.74	5340003.79	504.38	2	D	A	90.2	0.9	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	2.2	1.8	11.1	6.1
7169	4460694.33	5340002.26	504.37	2	D	A	90.2	8.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	2.5	1.8	11.4	12.7
7170	4460696.20	5340003.10	504.37	3	D	A	90.2	6.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	7.1	1.8	16.0	2.7
7171	4460692.79	5340001.56	504.37	3	D	A	90.2	4.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	7.4	1.8	16.1	0.4
7173	4460696.77	5340003.35	504.37	3	D	A	90.2	2.2	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	6.0	1.8	52.9	-40.4
7176	4460695.13	5340002.61	504.37	3	D	A	90.2	2.9	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	5.0	1.8	52.1	-38.0
7179	4460694.08	5340002.14	504.37	3	D	A	90.2	-4.4	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	5.1	1.8	52.2	-45.5
7180	4460692.69	5340001.52	504.37	3	D	A	90.2	4.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	5.1	1.8	52.2	-36.7
7192	4460694.88	5340002.51	504.37	2	D	A	90.2	8.7	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.0	1.8	11.6	14.7
7193	4460695.69	5340002.87	504.37	3	D	A	90.2	7.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.5	1.8	15.9	4.4
7194	4460694.88	5340002.51	504.37	1	D	A	90.2	8.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	7.6	1.8	9.6	12.0
7195	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.2	1.7	0.0	21.5
7198	4460676.06	5339932.87	504.36	1	D	A	90.2	4.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.9	1.8	11.2	-1.2
7199	4460677.90	5339930.58	504.36	1	D	A	90.2	4.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.9	1.8	11.2	-1.6
7200	4460675.45	5339933.63	504.36	3	D	A	90.2	0.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.9	1.8	13.3	-7.8
7201	4460677.29	5339931.34	504.36	3	D	A	90.2	6.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.9	1.8	13.3	-1.5
7214	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.4	1.8	0.0	26.1
7253	4460688.35	5339999.15	504.37	1	D	A	90.2	8.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.3	1.8	19.9	-6.6
7264	4460688.35	5339999.15	504.37	2	D	A	90.2	8.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	3.0	1.8	12.0	12.4
7265	4460688.35	5339999.15	504.37	3	D	A	90.2	8.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.7	1.8	16.2	4.0
7267	4460691.24	5340000.84	504.37	3	D	A	90.2	-2.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	5.3	1.8	52.2	-43.9
7268	4460690.59	5340000.46	504.37	3	D	A	90.2	-0.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	5.3	1.8	52.2	-41.3
7285	4460688.35	5339999.15	504.37	2	D	A	90.2													

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7302	4460701.96	5340004.89	504.37	1	D	A	90.2	8.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	15.2	1.8	20.1	-6.7
7303	4460702.18	5340004.94	504.37	2	D	A	90.2	8.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.5	1.8	21.0	-8.5
7304	4460698.51	5340004.09	504.38	2	D	A	90.2	-3.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.7	1.8	20.8	-20.5
7306	4460704.29	5340005.43	504.37	1	D	A	90.2	4.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.5	1.8	01.3	-79.8
7309	4460701.96	5340004.89	504.37	2	D	A	90.2	8.8	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	2.0	1.8	10.9	14.4
7310	4460701.96	5340004.89	504.37	3	D	A	90.2	8.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	6.7	1.8	15.8	5.4
7311	4460700.53	5340004.56	504.37	2	D	A	90.2	5.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.5	1.8	12.1	10.9
7312	4460698.46	5340004.08	504.38	2	D	A	90.2	-4.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	2.8	1.8	11.4	1.6
7313	4460702.59	5340005.04	504.37	3	D	A	90.2	8.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	6.9	1.8	15.7	5.5
7314	4460698.93	5340004.19	504.38	3	D	A	90.2	1.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	7.3	1.8	15.8	-1.9
7315	4460703.24	5340005.19	504.37	1	D	A	90.2	6.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	5.8	1.8	8.8	12.6
7316	4460699.96	5340004.43	504.37	1	D	A	90.2	2.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	6.0	1.8	9.0	7.9
7317	4460698.68	5340004.13	504.38	1	D	A	90.2	-1.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.3	1.8	9.5	2.4
7318	4460712.09	5340006.18	504.38	0	D	A	90.2	3.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.3	1.8	0.0	21.0
7319	4460708.92	5340005.97	504.37	0	D	A	90.2	6.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.3	1.8	0.0	23.2
7320	4460706.28	5340005.79	504.36	0	D	A	90.2	1.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	2.5	1.8	0.0	19.2
7335	4460709.47	5340006.00	504.37	1	D	A	90.2	8.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.2	1.8	20.2	-6.8
7336	4460705.65	5340005.75	504.36	1	D	A	90.2	-13.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.2	1.8	20.1	-29.2
7337	4460709.45	5340006.00	504.37	2	D	A	90.2	8.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	15.4	1.8	21.1	-8.3
7342	4460710.61	5340006.08	504.38	1	D	A	90.2	7.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.4	1.8	01.8	-77.4
7344	4460706.79	5340005.82	504.37	1	D	A	90.2	3.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.4	1.8	01.5	-80.8
7347	4460709.45	5340006.00	504.37	2	D	A	90.2	8.8	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	1.7	1.8	10.4	15.2
7348	4460710.39	5340006.07	504.38	3	D	A	90.2	7.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.9	1.8	15.5	5.2
7349	4460706.57	5340005.81	504.37	3	D	A	90.2	2.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	6.2	1.8	15.6	-0.1
7356	4460709.45	5340006.00	504.37	3	D	A	90.2	8.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	6.5	1.8	15.5	6.9
7357	4460710.41	5340006.07	504.38	1	D	A	90.2	7.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	5.2	1.8	8.5	13.9
7358	4460706.59	5340005.81	504.37	1	D	A	90.2	2.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	5.6	1.8	8.7	8.7
7359	4460797.01	5339941.53	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	1.4	1.8	0.0	27.8
7366	4460797.01	5339941.53	504.38	1	D	A	90.2	9.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	14.9	1.8	12.4	0.9
7374	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.1	1.8	0.0	26.0
7382	4460725.32	5340004.77	504.39	1	D	A	90.2	7.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.2	1.8	12.1	-0.8
7383	4460721.68	5340005.59	504.38	1	D	A	90.2	3.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.2	1.8	12.1	-4.0
7384	4460724.16	5340005.03	504.39	2	D	A	90.2	8.7	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	15.3	1.8	21.3	-8.8
7385	4460721.49	5340005.63	504.38	3	D	A	90.2	3.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	15.4	1.8	44.8	-40.5
7388	4460724.16	5340005.03	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.1	1.8	02.5	-76.5
7390	4460724.81	5340004.88	504.39	3	D	A	90.2	6.4	0.9	3.0	0.0	68.6	1.8	4.6	0.0	0.0	6.9	1.8	28.8	-112.1
7406	4460725.65	5340004.69	504.39	2	D	A	90.2	6.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	1.0	1.8	9.5	14.1
7407	4460723.19	5340005.25	504.39	2	D	A	90.2	-2.0	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	1.2	1.8	9.8	5.3
7408	4460721.70	5340005.58	504.38	2	D	A	90.2	3.9	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	1.2	1.8	9.8	11.1
7409	4460724.16	5340005.03	504.39	3	D	A	90.2	8.7	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	3.4	1.8	13.6	10.5
7427	4460723.35	5340005.21	504.39	1	D	A	90.2	7.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.1	1.8	11.9	11.6
7429	4460725.47	5340004.73	504.39	2	D	A	90.2	-3.1	0.9	3.0	0.0	68.5	1.8	4.6	0.0	0.0	6.8	1.8	49.7	-42.3
7431	4460723.26	5340005.23	504.39	2	D	A	90.2	6.1	0.9	3.0	0.0	68.6	1.8	4.6	0.0	0.0	6.8	1.8	49.8	-33.2
7432	4460673.09	5339937.06	504.36	0	D	A	90.2	5.5	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.2	1.7	0.0	19.3
7433	4460674.58	5339934.83	504.36	0	D	A	90.2	2.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.2	1.7	0.0	16.4
7452	4460673.60	5339936.29	504.36	1	D	A	90.2	7.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.9	1.8	11.2	1.2
7453	4460673.60	5339936.29	504.36	3	D	A	90.2	7.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.9	1.8	13.3	-1.0
7472	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.0	1.8	0.0	26.1
7479	4460731.31	5340002.90	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	15.2	1.8	12.2	0.8
7480	4460731.31	5340002.90	504.38	2	D	A	90.2	8.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	15.2	1.8	21.5	-8.9
7488	4460729.18	5340003.69	504.39	2	D	A	90.2	4.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.8	1.8	9.3	12.8
7489	4460733.80	5340001.98	504.37	3	D	A	90.2	3.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	4.2	1.8	14.3	3.5
7490	4460730.28	5340003.28	504.38	3	D	A	90.2	7.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	2.9	1.8	13.0	9.9
7496	4460734.44	5340001.74	504.36	1	D	A	90.2	-0.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	3.2	1.8	11.0	4.7
7498	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.2	1.8	0.0	25.8
7505	4460719.04	5340005.94	504.38	1	D	A	90.2	4.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.2	1.8	20.2	-11.1
7506	4460715.42	5340006.14	504.38	1	D	A	90.2	6.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.1	1.8	20.2	-9.4
7507	4460716.89	5340006.06	504.38	2	D	A	90.2	8.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	15.3	1.8	21.2	-8.7
7508	4460718.97	5340005.94	504.38	3	D	A	90.2	4.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	15.3	1.8	44.8	-38.7
7509	4460717.24	5340006.04	504.38	3	D	A	90.2	-4.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	15.3	1.8	44.9	-47.9
7510	4460716.89	5340006.06	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.3	1.8	02.2	-76.5
7513	4460718.97	5340005.94	504.38	2	D	A	90.2	4.9	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	1.3	1.8	9.9	12.0
7514	4460715.35	5340006.14	504.38	2	D	A	90.2	6.2	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	1.4	1.8	10.1	13.1
7515	4460719.59	5340005.90	504.38	3	D	A	90.2	2.6	0.9											

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7522	4460716.89	5340006.06	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.7	1.8	12.3	11.6
7523	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.0	1.8	0.0	27.2
7547	4460822.90	5339944.46	504.39	1	D	A	90.2	6.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	14.9	1.8	12.6	-2.1
7549	4460826.45	5339943.91	504.39	1	D	A	90.2	4.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	14.8	1.8	12.6	-4.3
7551	4460810.36	5339944.27	504.37	0	D	A	90.2	7.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.2	1.8	0.0	26.5
7552	4460813.73	5339944.66	504.38	0	D	A	90.2	-1.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.0	1.8	0.0	17.1
7563	4460810.69	5339944.31	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	14.9	1.8	12.5	-0.1
7569	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	1.3	1.8	0.0	26.8
7581	4460804.13	5339943.25	504.38	1	D	A	90.2	8.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.9	1.8	12.5	-0.2
7592	4460815.39	5339944.72	504.38	0	D	A	90.2	4.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.0	1.8	0.0	23.0
7593	4460818.71	5339944.78	504.39	0	D	A	90.2	6.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.0	1.8	0.0	24.7
7623	4460814.63	5339944.71	504.38	1	D	A	90.2	0.5	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	14.9	1.8	12.5	-8.0
7624	4460815.63	5339944.73	504.38	1	D	A	90.2	-0.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	14.9	1.8	12.5	-9.1
7625	4460818.38	5339944.77	504.39	1	D	A	90.2	6.7	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	14.9	1.8	12.5	-1.9
7646	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.0	1.8	0.0	26.8
7657	4460831.06	5339942.91	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	14.8	1.8	12.6	-0.5
7661	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.2	1.8	0.0	14.8
7719	4461044.46	5339845.14	504.38	1	D	A	90.2	-6.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	7.4	1.8	26.2	-22.9
7720	4461046.37	5339841.91	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	7.7	1.8	14.7	3.3
7779	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.1	1.8	0.0	14.8
7799	4461049.71	5339835.38	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	7.6	1.8	14.7	3.6
7818	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.3	1.8	0.0	14.6
7831	4461042.16	5339848.16	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	7.6	1.8	26.3	-8.0
7882	4461055.14	5339815.47	504.44	0	D	A	90.2	7.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.0	1.8	0.0	13.2
7885	4461056.26	5339811.95	504.45	0	D	A	90.2	3.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.7	1.8	0.0	9.2
7903	4461055.50	5339814.36	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.6	1.8	15.0	2.1
7911	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.1	1.8	0.0	14.8
7918	4461052.18	5339828.45	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	7.5	1.8	14.7	3.5
7925	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.7	1.8	0.0	14.1
7945	4461056.64	5339810.79	504.46	1	D	A	90.2	-10.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.2	1.8	14.9	-16.2
7946	4461058.21	5339807.57	504.44	1	D	A	90.2	8.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.2	1.8	14.9	2.5
8004	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.1	1.8	0.0	14.7
8019	4461053.77	5339821.41	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	7.5	1.8	14.7	3.4
8028	4461069.84	5339793.59	504.38	0	D	A	90.2	2.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	11.3	1.8	0.0	7.8
8030	4461071.60	5339792.64	504.40	0	D	A	90.2	3.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	11.3	1.8	0.0	9.6
8034	4461074.05	5339791.31	504.42	0	D	A	90.2	5.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	11.2	1.8	0.0	10.8
8063	4461072.30	5339792.26	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	7.3	1.8	14.7	3.5
8092	4461064.57	5339798.10	504.39	0	D	A	90.2	2.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	11.5	1.8	0.0	8.3
8093	4461066.03	5339796.78	504.39	0	D	A	90.2	3.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	11.5	1.8	0.0	8.9
8094	4461067.97	5339795.02	504.38	0	D	A	90.2	5.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	11.4	1.8	0.0	10.6
8116	4461066.51	5339796.35	504.39	1	D	A	90.2	8.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	7.8	1.8	14.8	2.9
8133	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.6	1.8	0.0	14.0
8142	4461061.82	5339801.55	504.41	1	D	A	90.2	8.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.1	1.8	14.9	2.5
8155	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	10.1	1.8	0.0	15.3
8162	4461085.16	5339788.50	504.38	1	D	A	90.2	7.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.6	1.8	13.2	6.9
8163	4461088.55	5339788.31	504.38	1	D	A	90.2	-1.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	4.4	1.8	13.0	-1.7
8178	4461077.85	5339789.88	504.41	0	D	A	90.2	7.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	11.1	1.8	0.0	12.8
8179	4461081.20	5339788.93	504.39	0	D	A	90.2	3.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	10.2	1.8	0.0	9.7
8192	4461078.08	5339789.81	504.41	1	D	A	90.2	7.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.0	1.8	13.4	5.8
8194	4461081.43	5339788.87	504.39	1	D	A	90.2	1.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.8	1.8	13.3	0.6
8199	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.7	1.8	0.0	15.6
8211	4461098.34	5339790.25	504.41	1	D	A	90.2	-0.6	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	3.8	1.8	12.5	-0.3
8212	4461100.84	5339791.36	504.40	1	D	A	90.2	6.6	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	3.7	1.8	12.4	7.1
8225	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.7	1.8	0.0	15.6
8247	4461090.99	5339852.30	504.47	1	D	A	90.2	8.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	4.8	1.8	13.4	7.0
8248	4461113.27	5339802.70	504.40	0	D	A	90.2	0.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.5	1.8	0.0	7.5
8249	4461114.57	5339805.44	504.40	0	D	A	90.2	6.9	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.4	1.8	0.0	14.0
8250	4461115.95	5339808.33	504.40	0	D	A	90.2	1.7	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	9.4	1.8	0.0	8.7
8259	4461114.65	5339805.59	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	2.9	1.8	11.7	10.5
8265	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.6	1.8	0.0	15.7
8283	4461097.62	5339848.99	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	4.6	1.8	13.3	7.3
8292	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.3	1.8	0.0	15.9
8293	4461114.05	5339834.15	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.2	1.8	13.0	8.0
8294	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0</										

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8345	4461027.40	5339860.57	504.38	1	D	A	90.2	7.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	8.3	1.8	14.9	1.8
8346	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.4	1.8	0.0	15.8
8353	4461109.61	5339840.23	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	4.3	1.8	13.0	7.8
8359	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	11.4	1.8	0.0	13.8
8361	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	7.9	1.8	26.4	-9.1
8372	4461117.12	5339826.29	504.40	0	D	A	90.2	7.5	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.3	1.8	0.0	14.6
8373	4461116.13	5339829.91	504.39	0	D	A	90.2	2.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.3	1.8	0.0	9.6
8380	4461117.65	5339824.32	504.40	1	D	A	90.2	2.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	2.7	1.8	11.4	4.3
8381	4461116.67	5339827.95	504.39	1	D	A	90.2	7.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.1	1.8	12.9	6.9
8383	4461110.40	5339798.86	504.41	0	D	A	90.2	7.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.5	1.8	0.0	14.7
8385	4461112.63	5339801.69	504.40	0	D	A	90.2	1.1	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.5	1.8	0.0	8.1
8389	4461110.80	5339799.37	504.41	1	D	A	90.2	8.6	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	3.1	1.8	11.9	10.0
8393	4461104.82	5339793.71	504.40	0	D	A	90.2	6.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.6	1.8	0.0	13.8
8394	4461107.64	5339795.84	504.41	0	D	A	90.2	3.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.6	1.8	0.0	10.6
8409	4461104.05	5339793.14	504.40	1	D	A	90.2	4.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	3.5	1.8	12.3	5.3
8410	4461106.87	5339795.26	504.41	1	D	A	90.2	6.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	3.3	1.8	12.1	7.3
8420	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.3	1.8	0.0	15.7
8424	4461117.91	5339819.83	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	2.7	1.8	11.4	10.9
8430	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	11.6	1.8	0.0	13.6
8431	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	8.3	1.8	26.5	-9.7
8438	4461116.36	5339809.38	504.40	0	D	A	90.2	-1.1	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	9.4	1.8	0.0	6.0
8439	4461117.20	5339812.94	504.40	0	D	A	90.2	8.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.4	1.8	0.0	15.2
8440	4461117.11	5339812.56	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	2.8	1.8	11.5	10.7

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8945	4460745.19	5339848.25	505.13	0	D	A	73.9	4.7	0.9	3.0	0.0	64.7	1.3	4.6	0.0	0.0	10.6	1.7	0.0	-0.4
8946	4460743.75	5339849.91	505.12	0	D	A	73.9	1.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	7.3	1.7	0.0	-0.1
8947	4460742.73	5339851.07	505.12	0	D	A	73.9	2.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	7.1	1.7	0.0	0.6
8948	4460741.16	5339852.87	505.11	0	D	A	73.9	5.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.6	1.7	0.0	9.9
8949	4460736.25	5339858.50	505.09	0	D	A	73.9	10.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	13.6	1.7	0.0	2.7
8950	4460731.74	5339863.66	505.07	0	D	A	73.9	2.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	11.4	1.7	0.0	-3.0
8951	4460724.45	5339872.01	505.05	0	D	A	73.9	13.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.7	1.7	0.0	14.0
8952	4460717.32	5339880.18	505.02	0	D	A	73.9	1.5	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.7	1.7	0.0	2.4
8953	4460713.54	5339884.50	505.00	0	D	A	73.9	10.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	5.1	1.7	0.0	10.7
8959	4460736.50	5339858.21	505.09	1	D	A	73.9	8.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	17.1	1.8	10.0	-14.3
8960	4460732.85	5339862.39	505.08	1	D	A	73.9	6.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	16.8	1.8	10.4	-16.1
8961	4460731.25	5339864.22	505.07	1	D	A	73.9	-3.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	15.3	1.8	11.8	-26.2
8962	4460727.32	5339868.72	505.06	1	D	A	73.9	10.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.3	1.8	11.8	-11.9
8963	4460721.34	5339875.57	505.03	1	D	A	73.9	8.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.5	1.8	11.6	-14.2
8964	4460717.69	5339879.75	505.02	1	D	A	73.9	6.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.5	1.8	11.6	-16.0
8965	4460716.13	5339881.54	505.01	1	D	A	73.9	-4.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.5	1.8	11.6	-26.7
8966	4460713.11	5339884.99	505.00	1	D	A	73.9	9.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.5	1.8	11.6	-13.0
8975	4460745.48	5339847.93	505.13	3	D	A	73.9	3.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	5.5	1.8	25.8	-25.0
8976	4460743.17	5339850.57	505.12	3	D	A	73.9	6.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.2	1.8	17.2	-7.3
8977	4460741.21	5339852.81	505.11	3	D	A	73.9	0.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	1.2	1.8	20.0	-18.1
8978	4460740.79	5339853.30	505.11	3	D	A	73.9	-5.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	11.8	1.8	25.7	-39.9
8979	4460736.57	5339858.13	505.09	3	D	A	73.9	11.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	12.8	1.8	24.7	-23.4
8980	4460732.07	5339863.28	505.08	3	D	A	73.9	0.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	1.4	1.8	20.3	-18.0
8981	4460730.96	5339864.55	505.07	3	D	A	73.9	3.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.5	1.8	18.3	-12.1
8982	4460730.18	5339865.45	505.07	3	D	A	73.9	-8.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.5	1.8	18.1	-24.0
8983	4460733.54	5339861.59	505.08	1	D	A	73.9	6.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	8.8	1.8	10.0	-8.9
8984	4460731.69	5339863.72	505.07	1	D	A	73.9	1.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	8.5	1.8	10.0	-13.7
8985	4460727.66	5339868.34	505.06	1	D	A	73.9	10.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	8.1	1.8	9.9	-4.1
8986	4460743.56	5339850.12	505.12	1	D	A	73.9	9.0	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	10.4	1.8	14.9	-13.6
8987	4460738.99	5339855.36	505.10	2	D	A	73.9	7.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	9.7	1.8	15.9	-15.8

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9262	4460748.08	5339891.35	504.78	0	D	A	73.9	11.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.6	1.8	0.0	14.0
9263	4460745.94	5339899.07	504.67	0	D	A	73.9	1.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.4	1.8	0.0	3.5
9264	4460743.95	5339906.23	504.57	0	D	A	73.9	11.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.6	1.8	0.0	13.5
9265	4460741.00	5339916.85	504.42	0	D	A	73.9	9.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	4.7	1.8	0.0	9.6
9266	4460749.45	5339886.40	504.85	1	D	A	73.9	6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.2	1.8	12.0	-16.9
9267	4460747.92	5339891.92	504.77	1	D	A	73.9	8.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.2	1.8	12.0	-14.5
9268	4460746.31	5339897.74	504.69	1	D	A	73.9	6.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.2	1.8	12.0	-16.4

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
9269	4460745.61	5339900.26	504.65	1	D	A	73.9	-3.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.2	1.8	12.0	-27.0
9270	4460743.97	5339906.15	504.57	1	D	A	73.9	10.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.2	1.8	12.0	-12.5
9271	4460741.17	5339916.24	504.42	1	D	A	73.9	9.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.4	1.8	11.8	-13.7
9272	4460739.89	5339920.86	504.36	1	D	A	73.9	-3.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.2	1.8	12.0	-26.9

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8938	4460682.34	5339831.48	505.49	0	D	A	78.7	10.0	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	1.0	1.7	0.0	20.8
8939	4460675.10	5339829.79	505.48	0	D	A	78.7	6.8	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	6.2	1.7	0.0	12.5
8940	4460684.94	5339832.09	505.50	1	D	A	78.7	6.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.0	1.7	12.0	-9.7
8941	4460677.69	5339830.39	505.49	1	D	A	78.7	10.1	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	15.7	1.7	11.3	-6.3
8943	4460680.00	5339830.93	505.49	3	D	A	78.7	11.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.0	1.8	23.8	-7.1
8944	4460679.41	5339830.80	505.49	2	D	A	78.7	11.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.2	1.8	25.9	-14.6
9289	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	1.0	1.7	0.0	19.6
9290	4460690.68	5339831.93	505.36	1	D	A	78.7	8.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.0	1.7	12.0	-8.2
9291	4460694.22	5339831.20	505.22	3	D	A	78.7	1.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.3	1.8	23.1	-15.8
9292	4460690.36	5339831.99	505.37	3	D	A	78.7	8.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.4	1.8	23.2	-9.7

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8988	4460739.07	5339846.00	505.11	0	D	A	73.9	-0.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	10.8	1.7	0.0	-5.2
8989	4460738.27	5339846.91	505.11	0	D	A	73.9	1.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.0	1.7	0.0	-0.7
8990	4460737.25	5339848.06	505.10	0	D	A	73.9	2.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	7.8	1.7	0.0	0.0
8991	4460735.69	5339849.82	505.10	0	D	A	73.9	4.9	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.6	1.7	0.0	10.0
8992	4460730.80	5339855.35	505.08	0	D	A	73.9	10.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.8	1.7	0.0	0.6
8993	4460726.32	5339860.43	505.05	0	D	A	73.9	2.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	12.9	1.7	0.0	-4.5
8994	4460719.07	5339868.63	505.02	0	D	A	73.9	13.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	5.0	1.7	0.0	13.8
8995	4460711.97	5339876.65	504.99	0	D	A	73.9	1.4	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	5.3	1.7	0.0	2.0
8996	4460708.44	5339880.65	504.97	0	D	A	73.9	9.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	5.6	1.7	0.0	9.9
8997	4460730.99	5339855.14	505.08	1	D	A	73.9	8.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	17.9	1.8	9.2	-14.2
8998	4460727.35	5339859.26	505.06	1	D	A	73.9	6.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	17.3	1.8	9.8	-16.0
8999	4460725.76	5339861.06	505.05	1	D	A	73.9	-3.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.4	1.8	11.8	-26.1
9000	4460721.85	5339865.48	505.03	1	D	A	73.9	10.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.4	1.8	11.7	-11.8
9001	4460715.89	5339872.23	505.01	1	D	A	73.9	8.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.5	1.8	11.6	-14.1
9002	4460712.26	5339876.33	504.99	1	D	A	73.9	6.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.6	1.8	11.5	-16.0
9003	4460710.70	5339878.09	504.98	1	D	A	73.9	-4.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.6	1.8	11.5	-26.6
9004	4460707.97	5339881.18	504.97	1	D	A	73.9	9.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.6	1.8	11.5	-13.3
9005	4460705.44	5339884.04	504.96	2	D	A	73.9	-6.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	15.4	1.8	20.5	-37.7
9006	4460721.69	5339865.66	505.03	3	D	A	73.9	4.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.2	1.8	38.7	-46.4
9007	4460729.76	5339856.53	505.07	3	D	A	73.9	10.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	1.7	1.8	42.3	-31.5
9008	4460725.73	5339861.09	505.05	3	D	A	73.9	1.2	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	1.9	1.8	42.5	-41.1
9009	4460739.20	5339845.85	505.11	3	D	A	73.9	-2.3	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	5.8	1.8	26.0	-30.9
9010	4460737.38	5339847.91	505.11	3	D	A	73.9	6.9	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	17.1	-7.2
9011	4460735.43	5339850.12	505.10	3	D	A	73.9	0.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	1.4	1.8	20.4	-18.5
9012	4460735.01	5339850.60	505.09	3	D	A	73.9	-5.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	14.0	1.8	23.4	-39.8
9013	4460730.79	5339855.36	505.08	3	D	A	73.9	10.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	15.3	1.8	22.2	-23.3
9014	4460726.31	5339860.44	505.05	3	D	A	73.9	0.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.6	1.8	20.7	-18.6
9015	4460725.20	5339861.69	505.05	3	D	A	73.9	3.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.6	1.8	18.5	-12.4
9016	4460724.42	5339862.58	505.05	3	D	A	73.9	-8.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.6	1.8	18.4	-24.2
9017	4460738.87	5339846.23	505.11	1	D	A	73.9	2.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.6	1.7	7.2	-0.1
9018	4460725.47	5339861.39	505.05	1	D	A	73.9	6.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.6	1.8	10.0	-8.8
9019	4460723.56	5339863.54	505.04	1	D	A	73.9	1.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.4	1.8	10.0	-13.6
9020	4460719.42	5339868.23	505.02	1	D	A	73.9	10.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.0	1.8	14.2	-8.3
9021	4460736.29	5339849.14	505.10	1	D	A	73.9	9.7	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	10.3	1.8	14.9	-12.9
9022	4460733.21	5339852.62	505.09	2	D	A	73.9	7.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	9.8	1.8	15.9	-15.9
9336	4460698.47	5339893.99	504.83	0	D	A	73.9	13.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	6.4	1.7	0.0	13.2
9337	4460700.62	5339890.91	504.87	1	D	A	73.9	12.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.6	1.8	11.5	-10.1
9338	4460693.73	5339900.76	504.74	1	D	A	73.9	8.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-13.5
9339	4460703.20	5339887.23	504.92	2	D	A	73.9	8.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	15.4	1.8	12.8	-15.1
9340	4460703.09	5339887.38	504.92	1	D	A	73.9	8.9	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	4.3	1.7	11.6	-1.6
9540	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.7	1.7	0.0	8.8
9541	4460691.82	5339912.81	504.53	1	D	A	73.9	8.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-14.3
9542	4460693.44	5339917.33	504.37	1	D	A	73.9	4.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-17.5
9666	4460691.57	5339903.85	504.70	0	D	A	73.9	-18.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	7.1	1.7	0.0	-19.3
9667	4460691.15	5339906.80	504.67	0	D	A	73.9	7.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	7.1	1.7	0.0	6.5
9668	4460691.33	5339905.58	504.68	1	D	A	73.9	5.5	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-16.8

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9669	4460690.91	5339908.54	504.65	1	D	A	73.9	3.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-18.4

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
9448	4460796.42	5339882.57	504.86	0	D	A	73.9	13.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.4	1.8	0.0	17.1
9449	4460788.72	5339878.90	504.87	3	D	A	73.9	5.4	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	4.0	1.8	25.0	-21.4
9450	4460798.00	5339883.32	504.86	3	D	A	73.9	12.3	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	3.3	1.8	24.3	-13.2
9451	4460796.42	5339882.57	504.86	2	D	A	73.9	13.1	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	8.8	1.8	16.0	-10.3
9452	4460789.33	5339879.19	504.87	1	D	A	73.9	6.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.5	1.8	14.6	-16.2
9457	4460787.50	5339859.71	505.09	0	D	A	73.9	8.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	10.5	1.8	0.0	2.5
9458	4460785.60	5339867.16	505.03	0	D	A	73.9	9.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	9.1	1.8	0.0	4.9
9459	4460784.34	5339872.11	504.99	0	D	A	73.9	2.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.3	1.8	0.0	2.4
9460	4460784.11	5339873.04	504.98	0	D	A	73.9	-5.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.1	1.8	0.0	-4.6
9461	4460787.90	5339858.13	505.11	3	D	A	73.9	5.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	4.6	1.8	29.5	-127.7
9462	4460787.44	5339859.94	505.09	3	D	A	73.9	-7.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.7	1.8	28.6	-138.6
9463	4460786.96	5339861.84	505.07	3	D	A	73.9	10.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	3.1	1.8	23.8	-14.0
9464	4460784.94	5339869.78	505.01	3	D	A	73.9	7.1	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	17.5	-8.2
9465	4460784.18	5339872.74	504.98	3	D	A	73.9	-0.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.5	1.8	18.5	-17.0
9466	4460786.68	5339862.92	505.07	1	D	A	73.9	4.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	10.1	1.8	1.0	-1.7
9467	4460786.18	5339864.88	505.05	1	D	A	73.9	-0.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	9.8	1.8	1.0	-6.5
9468	4460785.11	5339869.09	505.01	1	D	A	73.9	8.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	9.3	1.8	1.0	3.0
9469	4460788.31	5339856.51	505.12	2	D	A	73.9	-7.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.4	1.8	31.6	-34.7
9627	4460805.96	5339887.05	504.85	0	D	A	73.9	-2.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.3	1.8	0.0	1.2
9628	4460809.69	5339887.96	504.82	0	D	A	73.9	8.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	2.9	1.8	0.0	9.6
9629	4460814.49	5339889.14	504.79	0	D	A	73.9	4.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	2.9	1.8	0.0	5.4
9630	4460810.76	5339888.22	504.81	3	D	A	73.9	10.2	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	2.5	1.8	23.4	-13.9
9631	4460810.76	5339888.22	504.81	2	D	A	73.9	10.2	0.9	3.0	0.0	68.5	1.8	4.6	0.0	0.0	8.6	1.8	27.5	-24.9
9693	4460784.85	5339874.46	504.95	0	D	A	73.9	4.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	4.0	1.8	0.0	5.4
9694	4460786.39	5339876.94	504.90	0	D	A	73.9	4.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.4	1.8	0.0	8.7
9695	4460784.13	5339873.29	504.97	3	D	A	73.9	-6.3	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.5	1.8	18.5	-22.9
9696	4460784.34	5339873.62	504.97	3	D	A	73.9	-2.7	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	4.4	1.8	25.4	-30.2
9697	4460785.81	5339876.00	504.92	3	D	A	73.9	7.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	4.3	1.8	25.3	-20.2
9698	4460785.71	5339875.84	504.92	2	D	A	73.9	7.4	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	9.0	1.8	16.0	-16.1

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
9273	4460692.70	5339886.21	504.81	0	D	A	73.9	14.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	7.9	1.7	0.0	12.6
9274	4460693.30	5339883.42	504.83	1	D	A	73.9	13.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.9	1.8	11.2	-8.6
9275	4460690.39	5339897.03	504.73	1	D	A	73.9	7.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-14.6
9276	4460691.54	5339891.62	504.77	3	D	A	73.9	5.1	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-31.6
9277	4460690.80	5339895.11	504.74	3	D	A	73.9	5.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-30.8
9278	4460690.09	5339898.42	504.72	3	D	A	73.9	4.6	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-32.1
9279	4460694.45	5339878.05	504.87	2	D	A	73.9	9.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.2	1.8	20.8	-22.2
9280	4460695.16	5339874.71	504.90	3	D	A	73.9	6.4	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.8	1.8	26.2	-22.9
9281	4460694.65	5339877.11	504.88	3	D	A	73.9	-2.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.7	1.8	26.2	-31.5
9282	4460690.12	5339898.27	504.72	3	D	A	73.9	2.5	0.9	3.0	0.0	74.0	2.8	4.7	0.0	0.0	6.3	1.9	72.0	-81.4
9283	4460689.86	5339899.49	504.71	3	D	A	73.9	-1.6	0.9	3.0	0.0	74.0	2.8	4.7	0.0	0.0	6.2	1.9	72.0	-85.4
9284	4460695.61	5339872.61	504.91	2	D	A	73.9	-18.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.9	1.8	25.6	-47.6
9285	4460695.54	5339872.95	504.91	2	D	A	73.9	-1.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.8	1.8	25.6	-31.0
9286	4460690.92	5339894.54	504.75	2	D	A	73.9	4.1	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.6	1.8	25.9	-26.1
9287	4460690.22	5339897.80	504.72	2	D	A	73.9	6.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.7	1.8	25.9	-24.2
9288	4460694.30	5339878.75	504.87	1	D	A	73.9	9.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.7	1.7	19.7	-7.6
9521	4460689.92	5339901.26	504.70	0	D	A	73.9	4.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	7.6	1.7	0.0	2.9
9522	4460690.40	5339906.22	504.66	0	D	A	73.9	8.5	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	7.2	1.7	0.0	7.1
9523	4460690.12	5339903.35	504.68	1	D	A	73.9	8.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-13.8
9524	4460690.60	5339908.31	504.65	1	D	A	73.9	4.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-17.7
9525	4460689.80	5339899.96	504.71	3	D	A	73.9	-5.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-42.4
9526	4460689.88	5339900.78	504.70	2	D	A	73.9	2.9	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.6	1.8	25.9	-27.3
9537	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.7	1.7	0.0	8.8
9538	4460691.82	5339912.81	504.53	1	D	A	73.9	8.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-14.3
9539	4460693.44	5339917.33	504.37	1	D	A	73.9	4.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-17.5
9543	4460702.73	5339843.44	505.03	0	D	A	73.9	5.5	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	0.8	1.7	0.0	11.0
9544	4460702.04	5339847.62	504.99	0	D	A	73.9	6.9	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	4.7	1.7	0.0	8.6
9545	4460702.92	5339842.33	505.04	1	D	A	73.9	1.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.0	1.7	12.1	-20.8
9546	4460702.43	5339845.28	505.01	1	D	A	73.9	6.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.5	1.7	11.5	-15.0
9547	4460701.84	5339848.84	504.98	1	D	A	73.9	3.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.5	1.7	11.5	-17.9

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
9548	4460702.34	5339845.83	505.01	2	D	A	73.9	7.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	14.9	1.8	13.2	-16.2
9549	4460701.79	5339849.18	504.98	2	D	A	73.9	2.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.4	1.8	12.7	-20.8
9550	4460702.42	5339845.33	505.01	3	D	A	73.9	8.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	2.7	1.8	22.5	-12.8
9551	4460701.73	5339849.51	504.97	3	D	A	73.9	0.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.5	1.8	24.6	-24.9
9552	4460702.50	5339844.87	505.01	2	D	A	73.9	8.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.9	1.8	26.1	-22.9
9553	4460702.12	5339847.17	504.99	3	D	A	73.9	7.7	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	7.8	1.8	27.3	-24.7
9554	4460702.18	5339846.78	505.00	1	D	A	73.9	8.2	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.7	1.7	2.7	10.7
9611	4460703.89	5339860.95	505.76	0	D	A	73.9	8.8	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	5.8	1.7	0.0	9.1
9612	4460704.31	5339859.20	505.76	1	D	A	73.9	6.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.6	1.7	11.4	-16.0
9613	4460703.43	5339862.88	505.76	1	D	A	73.9	5.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.6	1.7	11.5	-16.4
9614	4460704.19	5339859.70	505.76	2	D	A	73.9	6.9	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.6	1.8	26.5	-26.3
9615	4460703.32	5339863.35	505.76	2	D	A	73.9	4.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.5	1.8	26.5	-28.8
9616	4460703.92	5339860.85	505.76	1	D	A	73.9	5.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.2	1.8	14.3	-13.8
9617	4460703.38	5339863.11	505.76	1	D	A	73.9	0.4	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.0	1.8	14.2	-18.7
9618	4460703.13	5339864.14	505.76	1	D	A	73.9	0.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.9	1.8	14.2	-18.9
9632	4460699.73	5339867.47	505.07	0	D	A	73.9	-2.8	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	7.1	1.7	0.0	-3.7
9633	4460699.15	5339868.19	505.05	0	D	A	73.9	1.2	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	7.2	1.7	0.0	0.2
9634	4460697.17	5339870.65	504.97	0	D	A	73.9	7.0	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	7.6	1.7	0.0	5.5
9635	4460698.89	5339868.51	505.04	1	D	A	73.9	5.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.8	1.7	11.3	-16.9
9636	4460697.78	5339869.89	505.00	1	D	A	73.9	-4.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.8	1.7	11.3	-26.4
9637	4460696.64	5339871.32	504.95	1	D	A	73.9	5.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.8	1.7	11.2	-16.8
9638	4460695.88	5339872.27	504.92	3	D	A	73.9	-0.7	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.7	1.8	46.4	-50.0
9639	4460698.78	5339868.66	505.03	2	D	A	73.9	5.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	10.1	1.8	26.5	-28.1
9640	4460697.08	5339870.77	504.97	2	D	A	73.9	2.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.6	1.8	25.5	-26.3
9641	4460696.05	5339872.05	504.93	2	D	A	73.9	1.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.8	1.8	25.6	-27.9
9642	4460697.88	5339869.77	505.00	1	D	A	73.9	8.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.3	1.8	14.6	-12.9
9684	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	4.5	1.7	0.0	8.0
9685	4460702.89	5339851.72	505.14	1	D	A	73.9	6.2	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.7	1.7	11.4	-15.6
9686	4460702.55	5339851.27	505.09	2	D	A	73.9	4.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.4	1.8	12.7	-18.4
9687	4460702.30	5339850.94	505.06	3	D	A	73.9	3.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.3	1.8	24.4	-21.6
9688	4460703.05	5339851.93	505.16	3	D	A	73.9	-5.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.1	1.8	24.2	-30.0
9689	4460702.19	5339850.78	505.04	3	D	A	73.9	2.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	7.6	1.8	27.2	-29.5
9690	4460702.89	5339851.71	505.14	3	D	A	73.9	-2.9	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	7.5	1.8	27.2	-34.9
9691	4460701.94	5339850.46	505.01	1	D	A	73.9	0.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.7	1.7	2.7	2.6
9692	4460702.90	5339851.74	505.14	1	D	A	73.9	3.4	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	3.8	1.7	4.1	1.4
9699	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	6.4	1.7	0.0	5.9
9700	4460701.85	5339865.62	505.50	1	D	A	73.9	4.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.7	1.7	11.4	-17.1
9701	4460700.29	5339866.93	505.16	1	D	A	73.9	0.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.8	1.7	11.3	-21.8
9702	4460701.45	5339865.95	505.42	2	D	A	73.9	6.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.7	1.8	26.5	-27.2
9703	4460701.45	5339865.95	505.42	1	D	A	73.9	6.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.5	1.8	14.7	-15.0
9704	4460704.45	5339855.33	505.53	0	D	A	73.9	6.0	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	5.9	1.7	0.0	6.3
9705	4460704.45	5339855.33	505.53	1	D	A	73.9	6.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.7	1.7	11.4	-16.0

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9567	4460702.61	5339843.38	505.03	0	D	A	67.4	5.4	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	0.8	1.7	0.0	4.4
9568	4460699.67	5339855.56	504.98	0	D	A	67.4	13.4	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	7.6	1.7	0.0	5.6
9569	4460696.97	5339866.75	504.93	0	D	A	67.4	1.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	7.9	1.7	0.0	-6.8
9570	4460695.97	5339870.87	504.91	0	D	A	67.4	8.5	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	8.0	1.7	0.0	0.2
9571	4460702.87	5339842.30	505.04	1	D	A	67.4	0.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.0	1.7	12.1	-27.4
9572	4460702.19	5339845.14	505.03	1	D	A	67.4	6.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.5	1.7	11.5	-21.6
9573	4460700.34	5339852.80	504.99	1	D	A	67.4	10.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.8	1.7	11.3	-17.9
9574	4460698.26	5339861.41	504.96	1	D	A	67.4	8.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.9	1.7	11.2	-20.2
9575	4460696.97	5339866.72	504.93	1	D	A	67.4	6.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.9	1.7	11.2	-22.0
9576	4460696.42	5339869.02	504.92	1	D	A	67.4	-4.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.9	1.7	11.2	-32.7
9577	4460695.76	5339871.76	504.91	1	D	A	67.4	7.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.9	1.7	11.2	-21.3
9578	4460702.02	5339845.83	505.02	2	D	A	67.4	7.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	14.9	1.8	13.2	-22.7
9579	4460700.91	5339850.43	505.00	2	D	A	67.4	6.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.4	1.8	12.7	-23.4
9580	4460695.26	5339873.84	504.90	2	D	A	67.4	-0.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.2	1.8	36.3	-54.1
9581	4460698.15	5339861.85	504.95	3	D	A	67.4	6.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.8	1.7	13.3	-24.1
9582	4460695.40	5339873.25	504.90	3	D	A	67.4	3.4	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.8	1.8	46.4	-52.7
9583	4460702.17	5339845.21	505.03	3	D	A	67.4	8.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	2.7	1.8	22.5	-19.4
9584	4460701.08	5339849.74	505.01	3	D	A	67.4	3.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.5	1.8	24.7	-28.8
9585	4460700.82	5339850.82	505.00	3	D	A	67.4	-8.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.7	1.8	24.9	-41.2
9586	4460702.17	5339845.23	505.03	3	D	A	67.4	8.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	5.4	1.8	24.9	-23.9
9587	4460702.28	5339844.77	505.03	2	D	A	67.4	8.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.9	1.8	26.1	-29.5
9588	4460701.54	5339847.84	505.02	3	D	A	67.4	8.7	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	7.7	1.8	27.3	-30.2

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9589	4460700.63	5339851.60	505.00	3	D	A	67.4	-4.0	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	7.5	1.8	27.2	-42.5
9590	4460699.26	5339857.24	504.97	2	D	A	67.4	6.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	10.5	1.8	26.0	-33.2
9591	4460697.52	5339864.46	504.94	2	D	A	67.4	10.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	10.6	1.8	26.0	-30.0
9592	4460696.12	5339870.27	504.92	2	D	A	67.4	2.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.0	1.8	25.7	-33.4
9593	4460695.73	5339871.89	504.91	2	D	A	67.4	1.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.9	1.8	25.6	-34.5
9594	4460695.48	5339872.92	504.91	2	D	A	67.4	-1.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.8	1.8	25.6	-37.6
9595	4460701.69	5339847.21	505.02	1	D	A	67.4	8.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.7	1.7	2.7	4.8
9596	4460700.57	5339851.82	505.00	1	D	A	67.4	2.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	3.8	1.7	4.1	-5.8
9597	4460698.43	5339860.71	504.96	1	D	A	67.4	5.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.7	1.8	14.7	-22.4
9598	4460697.88	5339863.00	504.95	1	D	A	67.4	0.4	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.6	1.8	14.7	-27.4
9599	4460696.69	5339867.90	504.93	1	D	A	67.4	9.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.4	1.8	14.7	-18.0
9600	4460695.17	5339874.20	504.90	1	D	A	67.4	-6.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.6	1.8	36.5	-47.2
9601	4460697.23	5339865.66	504.94	2	D	A	67.4	7.7	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	7.7	1.7	14.5	-14.9
9652	4460692.47	5339887.07	504.80	0	D	A	67.4	14.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	7.9	1.7	0.0	5.8
9653	4460693.05	5339884.27	504.82	1	D	A	67.4	13.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.9	1.8	11.2	-15.5
9654	4460690.38	5339897.03	504.73	1	D	A	67.4	7.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-21.1
9655	4460691.51	5339891.60	504.77	3	D	A	67.4	5.1	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-38.1
9656	4460690.78	5339895.10	504.74	3	D	A	67.4	5.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-37.3
9657	4460690.08	5339898.42	504.72	3	D	A	67.4	4.6	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-38.7
9658	4460694.27	5339878.46	504.87	2	D	A	67.4	9.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.2	1.8	20.8	-29.1
9659	4460694.87	5339875.59	504.89	3	D	A	67.4	4.2	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.8	1.8	26.2	-31.6
9660	4460694.54	5339877.16	504.88	3	D	A	67.4	-2.4	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.8	1.8	26.2	-38.1
9661	4460690.11	5339898.27	504.72	3	D	A	67.4	2.5	0.9	3.0	0.0	74.0	2.8	4.7	0.0	0.0	6.3	1.9	72.0	-87.9
9662	4460689.86	5339899.49	504.71	3	D	A	67.4	-1.6	0.9	3.0	0.0	74.0	2.8	4.7	0.0	0.0	6.2	1.9	72.0	-91.9
9663	4460690.90	5339894.53	504.75	2	D	A	67.4	4.1	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.6	1.8	25.9	-32.6
9664	4460690.21	5339897.80	504.72	2	D	A	67.4	6.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.7	1.8	25.9	-30.7
9665	4460694.20	5339878.79	504.87	1	D	A	67.4	9.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.7	1.7	19.7	-14.3
9742	4460689.92	5339901.26	504.70	0	D	A	67.4	4.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	7.6	1.7	0.0	-3.6
9743	4460690.40	5339906.22	504.66	0	D	A	67.4	8.5	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	7.2	1.7	0.0	0.6
9744	4460690.12	5339903.35	504.68	1	D	A	67.4	8.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.8	1.8	11.3	-20.3
9745	4460690.60	5339908.31	504.65	1	D	A	67.4	4.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-24.2
9746	4460689.80	5339899.96	504.71	3	D	A	67.4	-5.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.5	1.8	22.8	-48.9
9747	4460689.88	5339900.78	504.70	2	D	A	67.4	2.9	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.6	1.8	25.9	-33.8
9756	4460692.35	5339914.28	504.48	0	D	A	67.4	9.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.7	1.7	0.0	2.3
9757	4460691.82	5339912.81	504.53	1	D	A	67.4	8.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-20.8
9758	4460693.44	5339917.33	504.37	1	D	A	67.4	4.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.7	1.8	11.4	-24.1

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9141	4460651.35	5339827.28	505.33	0	D	A	72.2	12.3	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	8.5	1.7	0.0	9.8
9142	4460651.03	5339836.43	505.40	0	D	A	72.2	1.3	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	6.6	1.7	0.0	0.5
9143	4460650.68	5339846.56	505.47	0	D	A	72.2	12.8	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	7.7	1.7	0.0	10.8
9144	4460651.46	5339824.04	505.30	1	D	A	72.2	10.2	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	16.1	1.7	10.8	-12.0
9145	4460651.17	5339832.48	505.37	1	D	A	72.2	8.1	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	15.9	1.7	11.1	-14.2
9146	4460650.98	5339837.81	505.41	1	D	A	72.2	6.3	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	16.0	1.7	10.9	-16.1
9147	4460650.90	5339840.12	505.43	1	D	A	72.2	-4.3	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	16.0	1.7	11.0	-26.7
9148	4460650.62	5339848.16	505.49	1	D	A	72.2	12.0	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	15.9	1.7	11.0	-10.5
9149	4460651.27	5339829.67	505.34	3	D	A	72.2	-0.8	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	15.7	1.7	13.3	-25.2
9150	4460651.19	5339831.80	505.36	3	D	A	72.2	5.4	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	15.7	1.7	13.3	-19.1
9151	4460650.69	5339846.21	505.47	2	D	A	72.2	7.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.3	1.8	13.0	-18.7
9152	4460650.52	5339851.25	505.51	2	D	A	72.2	6.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.4	1.8	12.9	-19.4
9153	4460651.55	5339821.45	505.28	3	D	A	72.2	7.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	7.2	1.8	25.8	-22.7
9154	4460651.42	5339825.12	505.31	3	D	A	72.2	3.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.1	1.8	25.2	-24.2
9155	4460651.39	5339826.20	505.32	3	D	A	72.2	-8.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	4.6	1.8	24.7	-35.3
9156	4460651.19	5339831.88	505.36	2	D	A	72.2	3.5	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	5.5	1.7	9.2	-5.5
9157	4460651.09	5339834.76	505.38	2	D	A	72.2	5.4	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	5.5	1.7	9.2	-3.5
9158	4460651.56	5339821.21	505.28	2	D	A	72.2	6.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.3	1.8	15.2	-14.5
9159	4460650.74	5339844.90	505.46	3	D	A	72.2	8.9	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	9.4	1.8	28.2	-28.5
9160	4460650.59	5339849.00	505.49	3	D	A	72.2	-3.7	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	9.3	1.8	28.2	-41.0
9161	4460651.54	5339821.87	505.29	1	D	A	72.2	7.9	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.4	1.7	8.2	-0.9
9162	4460651.40	5339825.66	505.31	1	D	A	72.2	1.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.6	1.7	4.5	0.3
9163	4460651.35	5339827.17	505.33	1	D	A	72.2	2.0	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	0.6	1.7	4.5	0.8
9164	4460651.14	5339833.27	505.37	2	D	A	72.2	6.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.5	1.8	25.3	-23.8
9165	4460650.89	5339840.55	505.43	2	D	A	72.2	9.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.9	1.8	25.6	-17.4
9166	4460650.68	5339846.42	505.47	2	D	A	72.2	2.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.3	1.8	16.1	-11.5
9167	4460650.63	5339848.06	505.49	2	D	A	72.2	1.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.3	1.8	16.1	-12.7
9168	4460650.59	5339849.11	505.49	2	D	A	72.2	-1.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.3	1.8	16.1	-15.9

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
9169	4460650.61	5339848.53	505.49	1	D	A	72.2	9.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.7	1.8	6.5	3.1
9170	4460650.44	5339853.62	505.53	1	D	A	72.2	3.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.8	1.8	7.4	-5.0
9221	4460662.48	5339792.81	505.26	0	D	A	72.2	9.5	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	10.1	1.7	0.0	5.6
9222	4460659.58	5339799.77	505.26	0	D	A	72.2	7.9	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	5.2	1.7	0.0	8.8
9223	4460658.18	5339803.11	505.26	0	D	A	72.2	0.6	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	1.4	1.7	0.0	5.3
9224	4460655.44	5339809.71	505.26	0	D	A	72.2	11.2	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	2.5	1.7	0.0	14.7
9225	4460652.27	5339817.29	505.26	0	D	A	72.2	5.2	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	8.7	1.7	0.0	2.5
9226	4460654.29	5339812.45	505.26	1	D	A	72.2	7.3	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	15.4	1.7	11.5	-14.8
9227	4460652.49	5339816.78	505.26	1	D	A	72.2	6.0	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	16.1	1.7	10.8	-16.2
9228	4460651.68	5339818.70	505.26	1	D	A	72.2	-6.5	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	16.1	1.7	10.8	-28.7
9229	4460657.76	5339804.14	505.26	2	D	A	72.2	5.0	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	15.7	1.7	12.3	-18.3
9230	4460657.07	5339805.78	505.26	2	D	A	72.2	-4.5	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	15.7	1.7	12.2	-27.8
9231	4460656.22	5339807.83	505.26	2	D	A	72.2	6.1	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	15.8	1.7	12.2	-17.2
9232	4460663.90	5339789.42	505.26	2	D	A	72.2	2.1	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	15.1	1.7	12.8	-21.2
9233	4460663.33	5339790.77	505.26	2	D	A	72.2	1.1	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	15.1	1.7	12.8	-22.2
9234	4460662.50	5339792.77	505.26	2	D	A	72.2	4.8	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	15.1	1.7	12.8	-18.4
9235	4460663.15	5339791.22	505.26	3	D	A	72.2	0.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	1.9	1.8	08.6	-109.1
9236	4460662.48	5339792.82	505.26	3	D	A	72.2	3.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.2	1.8	99.6	-94.5
9237	4460661.95	5339794.08	505.26	3	D	A	72.2	-5.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.2	1.8	00.0	-104.6
9238	4460661.02	5339796.32	505.26	3	D	A	72.2	6.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.2	1.8	00.0	-92.3
9239	4460660.10	5339798.51	505.26	3	D	A	72.2	-8.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.5	1.8	03.2	-110.6
9240	4460662.07	5339793.80	505.26	3	D	A	72.2	7.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	1.0	1.9	23.3	-20.4
9241	4460658.63	5339802.06	505.26	3	D	A	72.2	10.8	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	20.4	-13.4
9242	4460656.24	5339807.78	505.26	3	D	A	72.2	-6.0	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	20.4	-30.2
9243	4460656.11	5339808.10	505.26	3	D	A	72.2	-3.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	7.2	1.9	30.4	-44.9
9244	4460655.92	5339808.55	505.26	3	D	A	72.2	-2.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	7.2	1.9	30.4	-43.9
9245	4460662.58	5339792.58	505.26	3	D	A	72.2	0.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.3	1.8	16.7	-13.2
9246	4460658.42	5339802.56	505.26	3	D	A	72.2	13.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.8	1.8	18.1	-2.7
9247	4460654.28	5339812.48	505.26	3	D	A	72.2	0.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	7.2	1.8	25.8	-29.7
9248	4460652.86	5339815.88	505.26	3	D	A	72.2	8.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	7.3	1.8	25.8	-22.0
9249	4460663.75	5339789.77	505.26	2	D	A	72.2	3.7	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	5.2	1.8	27.7	-28.6
9250	4460661.35	5339795.53	505.26	2	D	A	72.2	10.1	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	9.0	1.8	26.7	-25.0
9251	4460659.41	5339800.17	505.26	3	D	A	72.2	6.0	0.9	3.0	0.0	68.6	1.8	4.6	0.0	0.0	4.7	1.8	29.3	-28.8
9252	4460657.28	5339805.29	505.26	3	D	A	72.2	8.5	0.9	3.0	0.0	68.6	1.9	4.6	0.0	0.0	8.0	1.8	28.4	-28.7
9253	4460655.35	5339809.91	505.26	3	D	A	72.2	6.4	0.9	3.0	0.0	68.5	1.8	4.6	0.0	0.0	8.1	1.8	28.4	-30.9
9254	4460663.06	5339791.41	505.26	3	D	A	72.2	7.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	5.1	1.8	28.9	-26.0
9255	4460661.58	5339794.98	505.26	3	D	A	72.2	8.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	5.2	1.8	20.8	-117.2
9256	4460656.28	5339807.69	505.26	1	D	A	72.2	10.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	9.1	1.7	9.9	-4.6
9257	4460652.10	5339817.72	505.26	2	D	A	72.2	3.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.6	1.8	15.3	-17.9
9258	4460653.34	5339814.74	505.26	1	D	A	72.2	7.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	8.5	1.7	9.7	-6.8
9259	4460651.95	5339818.08	505.26	1	D	A	72.2	2.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.8	1.7	9.2	-8.2
9260	4460657.43	5339804.91	505.26	1	D	A	72.2	8.9	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	6.1	1.7	8.5	0.1
9261	4460663.26	5339790.94	505.26	1	D	A	72.2	6.9	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	1.3	1.7	4.9	6.6
9305	4460696.37	5339827.99	505.20	0	D	A	72.2	7.8	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.9	1.7	0.0	11.9
9306	4460697.10	5339824.40	505.21	0	D	A	72.2	1.2	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.9	1.7	0.0	5.3
9307	4460697.94	5339820.29	505.22	0	D	A	72.2	8.5	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	4.8	1.7	0.0	8.7
9308	4460700.21	5339809.13	505.26	0	D	A	72.2	12.0	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	9.6	1.7	0.0	7.5
9309	4460701.09	5339804.78	505.28	2	D	A	72.2	6.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.5	1.7	12.6	-18.2
9310	4460701.55	5339802.55	505.29	2	D	A	72.2	-4.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.4	1.7	12.6	-28.8
9311	4460701.68	5339801.90	505.29	2	D	A	72.2	-0.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.4	1.7	12.6	-24.6
9312	4460698.59	5339817.08	505.24	3	D	A	72.2	-7.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	04.4	-111.7
9313	4460699.11	5339814.52	505.24	3	D	A	72.2	7.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	04.3	-96.8
9314	4460699.64	5339811.90	505.25	3	D	A	72.2	-5.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	04.3	-109.1
9315	4460699.94	5339810.44	505.26	3	D	A	72.2	4.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	04.1	-99.3
9316	4460700.32	5339808.57	505.27	3	D	A	72.2	0.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.8	1.8	09.5	-109.1
9317	4460697.48	5339822.57	505.22	3	D	A	72.2	-2.4	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	3.7	1.9	28.4	-38.5
9318	4460697.58	5339822.06	505.22	3	D	A	72.2	-3.4	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	3.7	1.9	28.4	-39.6
9319	4460697.65	5339821.71	505.22	3	D	A	72.2	-5.8	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.1	1.9	20.7	-30.7
9320	4460698.95	5339815.34	505.24	3	D	A	72.2	11.0	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.1	1.9	20.7	-13.9
9321	4460700.81	5339806.17	505.27	3	D	A	72.2	7.8	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.5	1.9	22.3	-19.2
9322	4460698.01	5339819.94	505.23	3	D	A	72.2	13.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	16.8	-1.2
9323	4460700.38	5339808.30	505.27	3	D	A	72.2	1.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	16.8	-13.6
9324	4460699.84	5339810.92	505.26	2	D	A	72.2	10.4	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	8.6	1.8	27.0	-25.2
9325	4460701.35	5339803.49	505.28	2																

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
9330	4460699.69	5339811.68	505.25	2	D	A	72.2	-0.5	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	9.3	1.7	89.4	-94.5
9331	4460696.49	5339827.43	505.20	1	D	A	72.2	1.7	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	0.9	1.7	1.0	4.6
9332	4460696.76	5339826.07	505.20	1	D	A	72.2	1.2	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	0.9	1.7	1.0	4.1
9333	4460697.59	5339821.99	505.22	1	D	A	72.2	8.5	0.9	3.0	0.0	63.7	1.3	4.5	0.0	0.0	4.8	1.7	1.0	7.5
9334	4460698.77	5339816.18	505.24	1	D	A	72.2	6.9	0.9	3.0	0.0	63.7	1.3	4.5	0.0	0.0	9.1	1.7	1.0	1.6
9335	4460701.48	5339802.90	505.29	1	D	A	72.2	4.8	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	4.0	1.7	11.1	-5.6
9341	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	11.1	1.7	0.0	8.4
9342	4460696.54	5339791.11	505.49	2	D	A	72.2	5.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.0	1.7	13.0	-18.8
9343	4460693.44	5339789.92	505.49	2	D	A	72.2	5.2	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.0	1.7	13.0	-18.8
9344	4460683.84	5339786.25	505.48	2	D	A	72.2	12.4	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	15.1	1.7	12.9	-11.4
9345	4460686.94	5339787.44	505.48	3	D	A	72.2	13.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	17.8	-3.9
9346	4460694.06	5339790.16	505.49	3	D	A	72.2	9.4	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	5.0	1.8	29.1	-24.9
9347	4460689.24	5339788.32	505.48	2	D	A	72.2	12.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.1	1.8	42.4	-36.4
9348	4460691.49	5339789.18	505.49	1	D	A	72.2	11.5	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	1.0	1.7	7.5	8.2
9349	4460680.34	5339784.92	505.47	1	D	A	72.2	9.9	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	1.1	1.7	7.6	6.7
9396	4460774.46	5339852.71	505.14	0	D	A	72.2	14.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	11.4	1.8	0.0	6.1
9397	4460757.94	5339848.99	505.15	0	D	A	72.2	8.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	11.2	1.7	0.0	0.9
9398	4460779.28	5339853.79	505.14	3	D	A	72.2	12.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	5.9	1.8	28.9	-123.2
9399	4460770.71	5339851.86	505.14	3	D	A	72.2	-1.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	5.8	1.8	28.0	-135.3
9400	4460770.94	5339851.91	505.14	3	D	A	72.2	15.3	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	5.3	1.8	25.9	-15.0
9401	4460786.76	5339855.48	505.13	2	D	A	72.2	1.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.4	1.8	31.6	-27.5
9402	4460757.67	5339848.93	505.15	2	D	A	72.2	8.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	11.1	1.8	17.3	-120.1
9403	4460770.94	5339851.91	505.14	1	D	A	72.2	15.3	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	11.5	1.8	10.5	-5.3
9404	4460735.72	5339843.56	505.14	0	D	A	72.2	9.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	11.8	1.7	0.0	1.8
9405	4460728.30	5339841.45	505.15	0	D	A	72.2	7.9	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	9.6	1.7	0.0	2.5
9406	4460722.07	5339839.69	505.16	0	D	A	72.2	8.3	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	9.7	1.7	0.0	2.9
9407	4460716.49	5339838.10	505.16	0	D	A	72.2	6.9	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	0.7	1.7	0.0	10.6
9408	4460737.10	5339843.95	505.14	2	D	A	72.2	7.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	14.9	1.8	20.9	-25.8
9409	4460734.97	5339843.34	505.14	3	D	A	72.2	10.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	6.9	1.8	26.5	-21.6
9410	4460721.96	5339839.66	505.16	3	D	A	72.2	12.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	17.0	-3.3
9411	4460736.84	5339843.88	505.14	1	D	A	72.2	8.4	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.6	1.7	7.2	4.5
9412	4460727.16	5339841.13	505.15	1	D	A	72.2	14.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	11.1	1.8	15.0	-11.1
9509	4460812.57	5339862.18	505.12	0	D	A	72.2	13.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	11.5	1.8	0.0	4.3
9510	4460821.58	5339865.82	505.10	3	D	A	72.2	2.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.5	1.8	33.3	-136.6
9511	4460811.76	5339861.85	505.13	3	D	A	72.2	12.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.4	1.8	32.9	-126.6
9512	4460804.05	5339858.74	505.15	3	D	A	72.2	4.5	0.9	3.0	0.0	72.2	2.5	4.7	0.0	0.0	3.1	1.9	60.9	-64.7
9513	4460812.57	5339862.18	505.12	3	D	A	72.2	13.3	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	5.1	1.8	26.2	-17.8
9514	4460817.51	5339864.17	505.11	1	D	A	72.2	10.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.8	1.8	14.5	-11.7
9515	4460819.62	5339865.03	505.10	3	D	A	72.2	5.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.3	1.8	95.1	-88.2
9516	4460821.64	5339865.84	505.10	3	D	A	72.2	2.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.3	1.8	95.2	-91.3
9530	4460699.52	5339835.94	505.12	0	D	A	72.2	11.0	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	0.9	1.7	0.0	14.9
9531	4460700.29	5339836.96	505.11	1	D	A	72.2	10.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.0	1.7	12.1	-13.4
9532	4460700.38	5339837.09	505.11	3	D	A	72.2	9.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.9	1.8	22.7	-13.6
9533	4460697.33	5339833.02	505.16	3	D	A	72.2	-2.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.1	1.8	22.9	-26.6
9534	4460696.61	5339832.05	505.17	3	D	A	72.2	2.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.1	1.8	22.9	-21.1
9535	4460695.91	5339831.12	505.19	3	D	A	72.2	-3.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	16.8	-18.3
9536	4460702.97	5339840.54	505.06	2	D	A	72.2	-0.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.1	1.8	26.1	-33.0
9555	4460747.29	5339846.50	505.14	0	D	A	72.2	11.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	11.4	1.7	0.0	4.0
9556	4460747.29	5339846.50	505.14	3	D	A	72.2	11.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.7	1.8	26.5	-20.3
9557	4460744.17	5339845.77	505.14	1	D	A	72.2	9.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.6	1.7	7.1	5.2
9558	4460752.60	5339847.76	505.15	2	D	A	72.2	5.7	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	11.0	1.8	16.8	-122.0
9559	4460747.29	5339846.50	505.14	1	D	A	72.2	11.7	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	11.2	1.8	14.9	-13.4
9561	4460708.71	5339839.19	505.11	0	D	A	72.2	10.6	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	0.8	1.7	0.0	14.3
9562	4460705.96	5339840.07	505.08	1	D	A	72.2	7.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.0	1.7	12.1	-16.0
9563	4460712.71	5339837.90	505.15	3	D	A	72.2	4.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	16.9	-10.4
9564	4460710.45	5339838.63	505.13	3	D	A	72.2	2.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	2.4	1.8	22.0	-20.1
9565	4460706.45	5339839.92	505.09	3	D	A	72.2	8.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	2.6	1.8	22.2	-14.6
9566	4460703.60	5339840.84	505.06	2	D	A	72.2	-1.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.1	1.8	26.1	-34.6
9602	4460795.10	5339856.93	505.14	0	D	A	72.2	11.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	11.7	1.8	0.0	3.0
9603	4460792.12	5339856.42	505.14	3	D	A	72.2	6.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	14.7	1.8	38.7	-44.8
9604	4460799.04	5339857.59	505.15	3	D	A	72.2	8.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	6.3	1.8	30.7	-129.2
9605	4460794.73	5339856.86	505.14	3	D	A	72.2	0.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	6.4	1.8	30.1	-136.6
9606	4460790.80	5339856.20	505.14	3	D	A	72.2	8.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	6.2	1.8	29.9	-128.6
9607	4460802.23	5339858.13	505.15																	

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9621	4460674.86	5339783.45	505.45	3	D	A	72.2	1.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	15.2	1.8	14.0	-24.9
9622	4460672.12	5339784.30	505.40	2	D	A	72.2	8.8	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	15.1	1.7	12.9	-14.7
9623	4460672.12	5339784.30	505.40	3	D	A	72.2	8.8	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.2	1.8	17.7	-8.5
9624	4460670.03	5339784.94	505.37	2	D	A	72.2	5.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	5.2	1.8	27.7	-27.2
9625	4460670.96	5339784.65	505.38	2	D	A	72.2	0.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	8.9	1.8	43.1	-49.5
9626	4460672.12	5339784.30	505.40	1	D	A	72.2	8.8	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	1.2	1.7	7.7	5.6
9670	4460699.54	5339794.53	505.44	0	D	A	72.2	8.0	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	10.6	1.7	0.0	2.7
9671	4460698.54	5339792.56	505.48	2	D	A	72.2	2.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.0	1.7	13.0	-21.3
9672	4460699.54	5339794.53	505.44	3	D	A	72.2	8.0	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.2	1.8	17.9	-9.9
9673	4460700.38	5339796.19	505.41	2	D	A	72.2	4.2	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	5.0	1.8	27.9	-28.6
9674	4460699.54	5339794.53	505.44	3	D	A	72.2	8.0	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	4.9	1.8	29.1	-26.3
9675	4460698.58	5339792.65	505.48	2	D	A	72.2	3.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.3	1.8	41.9	-45.4
9676	4460700.83	5339797.06	505.39	1	D	A	72.2	-1.7	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	3.6	1.7	10.6	-11.1
9677	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	10.9	1.7	0.0	2.5
9678	4460666.33	5339787.05	505.30	2	D	A	72.2	7.3	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	15.1	1.7	12.8	-16.1
9679	4460667.66	5339786.03	505.32	3	D	A	72.2	3.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	17.6	-14.2
9680	4460666.33	5339787.05	505.30	2	D	A	72.2	7.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	5.2	1.8	27.7	-25.0
9681	4460665.46	5339787.71	505.28	3	D	A	72.2	5.0	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	5.1	1.8	29.0	-28.8
9682	4460666.94	5339786.59	505.31	1	D	A	72.2	5.8	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	1.3	1.7	4.9	5.5
9683	4460664.81	5339788.21	505.27	1	D	A	72.2	1.8	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	1.3	1.7	4.9	1.4
9706	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	10.5	1.7	0.0	0.8
9707	4460701.56	5339800.34	505.32	2	D	A	72.2	3.5	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.4	1.7	12.6	-21.0
9708	4460701.61	5339800.56	505.31	3	D	A	72.2	1.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.4	1.8	13.8	-24.2
9709	4460701.11	5339798.02	505.37	3	D	A	72.2	1.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	17.9	-16.8
9710	4460701.38	5339799.40	505.34	2	D	A	72.2	6.2	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	5.0	1.8	27.9	-26.7
9711	4460701.08	5339797.85	505.37	2	D	A	72.2	-0.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.3	1.8	25.7	-33.1
9712	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	3.7	1.7	10.8	-3.6
9763	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	10.7	1.8	0.0	-3.3
9764	4460822.08	5339867.79	505.08	3	D	A	72.2	5.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	3.5	1.8	32.3	-132.1
9765	4460822.38	5339866.19	505.09	3	D	A	72.2	-10.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	4.4	1.8	33.3	-149.1
9766	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	3.4	1.8	24.6	-22.9
9767	4460822.37	5339866.25	505.09	1	D	A	72.2	-6.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	9.9	1.8	14.5	-28.9
9768	4460822.08	5339867.80	505.08	1	D	A	72.2	4.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	10.2	1.8	6.1	-9.1
9769	4460822.12	5339867.59	505.08	3	D	A	72.2	4.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.3	1.8	95.3	-88.8

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8442	4460863.64	5340025.15	504.03	0	D	A	73.9	13.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	2.5	1.8	0.0	13.1
8443	4460823.95	5340036.15	504.07	0	D	A	73.9	17.8	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	4.2	1.8	0.0	16.0
8445	4460789.51	5340045.70	504.11	0	D	A	73.9	10.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	3.0	1.8	0.0	10.3
8446	4460771.63	5340050.65	504.13	0	D	A	73.9	14.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.8	1.8	0.0	13.3
8448	4460757.54	5340054.56	504.15	0	D	A	73.9	5.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.7	1.8	0.0	4.6
8450	4460753.48	5340055.68	504.15	0	D	A	73.9	7.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	2.9	1.8	0.0	7.1
8452	4460749.33	5340056.83	504.16	0	D	A	73.9	5.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	2.7	1.8	0.0	5.9
8453	4460741.95	5340058.88	504.16	0	D	A	73.9	10.7	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	2.7	1.8	0.0	11.2
8458	4460873.78	5340022.34	504.02	1	D	A	73.9	0.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	15.0	1.8	12.6	-25.9
8459	4460863.99	5340025.05	504.03	1	D	A	73.9	12.8	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	15.0	1.8	12.6	-13.5
8460	4460849.92	5340028.95	504.04	1	D	A	73.9	10.0	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	15.0	1.8	12.6	-16.1
8461	4460837.72	5340032.33	504.06	1	D	A	73.9	11.8	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.1	1.8	12.5	-14.2
8462	4460827.35	5340035.21	504.07	1	D	A	73.9	8.0	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.2	1.8	12.4	-18.0
8463	4460823.33	5340036.32	504.07	1	D	A	73.9	3.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	15.2	1.8	12.3	-22.7
8464	4460815.79	5340038.41	504.08	1	D	A	73.9	11.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	15.3	1.8	12.2	-14.5
8465	4460802.40	5340042.12	504.10	1	D	A	73.9	11.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	15.2	1.8	12.3	-14.1
8466	4460784.17	5340047.18	504.12	1	D	A	73.9	13.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	15.2	1.8	12.3	-11.7
8467	4460770.22	5340051.04	504.13	1	D	A	73.9	7.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	15.2	1.8	20.7	-26.5
8468	4460762.66	5340053.14	504.14	1	D	A	73.9	10.1	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	15.1	1.8	20.8	-23.5
8469	4460746.99	5340057.48	504.16	1	D	A	73.9	13.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	15.1	1.8	20.7	-20.0
8470	4460819.00	5340037.52	504.08	3	D	A	73.9	3.4	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.3	1.8	23.0	-33.2
8471	4460809.41	5340040.18	504.09	3	D	A	73.9	12.5	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	15.3	1.8	22.9	-24.0
8472	4460794.18	5340044.40	504.11	3	D	A	73.9	11.4	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	15.1	1.8	23.0	-24.8
8473	4460787.24	5340046.33	504.11	3	D	A	73.9	-2.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	15.1	1.8	23.0	-39.0
8474	4460756.15	5340054.94	504.15	3	D	A	73.9	4.2	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	14.8	1.8	23.8	-33.2
8475	4460753.83	5340055.58	504.15	3	D	A	73.9	3.4	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	14.6	1.8	23.9	-34.1
8476	4460768.28	5340051.58	504.13	3	D	A	73.9	6.2	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	14.8	1.8	23.7	-31.1
8477	4460766.12	5340052.18	504.14	3	D	A	73.9	-5.4	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	14.8	1.8	23.7	-42.7
8478	4460767.42	5340051.82	504.14	1	D	A	73.9	13.9	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.8	1.8	10.9	-98.0
8479	4460753.81	5340055.59	504.15	1	D	A	73.9	5.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.7	1.8	10.0	-104.8

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
8480	4460756.89	5340054.74	504.15	3	D	A	73.9	6.2	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	0.7	1.8	14.0	-106.8
8481	4460769.74	5340051.18	504.13	3	D	A	73.9	5.9	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.8	1.8	13.5	-106.5
8484	4460783.01	5340047.50	504.12	2	D	A	73.9	9.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.1	1.8	11.4	-3.4
8485	4460778.77	5340048.67	504.12	2	D	A	73.9	-1.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	2.1	1.8	11.4	-14.3
8486	4460775.85	5340049.48	504.13	2	D	A	73.9	7.3	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	2.1	1.8	11.4	-5.3
8487	4460766.16	5340052.17	504.14	2	D	A	73.9	11.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	2.0	1.8	11.2	-0.4
8488	4460756.27	5340054.91	504.15	2	D	A	73.9	7.6	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	1.9	1.8	11.0	-4.2
8489	4460750.36	5340056.55	504.15	2	D	A	73.9	8.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.5	1.8	10.5	-2.6
8490	4460745.20	5340057.98	504.16	2	D	A	73.9	6.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.3	1.8	10.2	-4.1
8491	4460739.76	5340059.48	504.17	2	D	A	73.9	8.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.1	1.8	9.8	-1.1
8492	4460736.32	5340060.44	504.17	2	D	A	73.9	-13.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.7	1.8	9.2	-21.7
8498	4460737.37	5340060.15	504.17	2	D	A	73.9	3.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	1.8	1.8	10.6	-6.9
8499	4460749.44	5340056.80	504.16	2	D	A	73.9	4.4	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.6	1.8	12.6	-8.8
8500	4460744.63	5340058.14	504.16	2	D	A	73.9	8.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	2.9	1.8	11.7	-3.0
8501	4460738.92	5340059.72	504.17	2	D	A	73.9	6.7	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	2.8	1.8	11.6	-4.6
8502	4460736.49	5340060.39	504.17	2	D	A	73.9	-4.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	2.4	1.8	11.2	-14.5
8503	4460756.38	5340054.88	504.15	2	D	A	73.9	6.4	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	0.7	1.8	18.5	-11.0
8504	4460771.04	5340050.82	504.13	2	D	A	73.9	-3.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.9	1.8	19.0	-21.7
8505	4460769.09	5340051.36	504.13	2	D	A	73.9	5.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.7	1.8	18.5	-11.8
8506	4460638.76	5339964.64	504.86	0	D	A	73.9	13.4	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	5.0	1.7	0.0	14.2
8507	4460637.54	5339977.55	504.81	0	D	A	73.9	6.0	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	0.5	1.7	0.0	11.1
8508	4460637.30	5339980.10	504.80	0	D	A	73.9	0.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.4	1.7	0.0	5.9
8509	4460636.89	5339984.40	504.78	0	D	A	73.9	8.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	2.2	1.7	0.0	12.0
8510	4460635.54	5339998.61	504.72	0	D	A	73.9	13.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	10.0	1.7	0.0	8.5
8511	4460634.43	5340010.32	504.68	0	D	A	73.9	3.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	9.2	1.7	0.0	-0.2
8512	4460634.23	5340012.45	504.67	0	D	A	73.9	2.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	8.9	1.7	0.0	-1.1
8513	4460634.02	5340014.69	504.66	0	D	A	73.9	4.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.8	1.7	0.0	5.5
8514	4460633.60	5340019.12	504.64	0	D	A	73.9	8.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.1	1.8	0.0	7.8
8515	4460632.84	5340027.11	504.61	0	D	A	73.9	9.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.2	1.8	0.0	9.6
8516	4460632.32	5340032.60	504.59	0	D	A	73.9	1.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.1	1.8	0.0	0.6
8517	4460638.93	5339962.87	504.86	1	D	A	73.9	12.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.6	1.8	19.1	-17.2
8518	4460637.98	5339972.89	504.82	1	D	A	73.9	2.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.1	1.8	19.6	-27.7
8519	4460637.36	5339979.40	504.80	1	D	A	73.9	10.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.1	1.8	19.7	-19.5
8520	4460636.72	5339986.19	504.77	1	D	A	73.9	3.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	16.1	1.8	18.7	-26.7
8521	4460636.49	5339988.63	504.76	1	D	A	73.9	4.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	16.2	1.8	18.7	-26.0
8529	4460639.67	5339955.05	504.89	2	D	A	73.9	4.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	4.8	1.8	13.5	-10.3
8531	4460639.33	5339958.66	504.88	2	D	A	73.9	6.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	4.8	1.8	13.5	-8.2
8533	4460638.87	5339963.51	504.86	2	D	A	73.9	7.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.7	1.8	12.5	-5.6
8534	4460638.46	5339967.80	504.84	2	D	A	73.9	5.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.5	1.8	8.4	-0.2
8535	4460638.03	5339972.43	504.83	2	D	A	73.9	7.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.5	1.8	8.4	2.2
8536	4460637.72	5339975.65	504.81	2	D	A	73.9	-2.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.5	1.8	8.4	-7.8
8537	4460637.65	5339976.35	504.81	2	D	A	73.9	-0.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	2.3	1.8	11.0	-10.8
8538	4460638.04	5339972.25	504.83	2	D	A	73.9	8.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.9	1.8	8.8	3.0
8539	4460637.41	5339978.89	504.80	2	D	A	73.9	8.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.9	1.8	8.8	2.5
8540	4460636.97	5339983.58	504.78	2	D	A	73.9	4.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.4	1.8	15.4	-15.7
8541	4460636.45	5339989.08	504.76	2	D	A	73.9	9.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.4	1.8	15.4	-11.7
8542	4460635.60	5339998.06	504.73	2	D	A	73.9	10.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.7	1.8	15.3	-9.9
8543	4460635.05	5340003.76	504.70	2	D	A	73.9	1.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.9	1.8	15.0	-17.8
8544	4460634.54	5340009.21	504.68	2	D	A	73.9	9.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.7	1.8	11.4	-0.4
8545	4460633.17	5340023.61	504.63	2	D	A	73.9	12.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.7	1.8	8.7	7.2
8546	4460634.21	5340012.70	504.67	3	D	A	73.9	2.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	6.4	1.8	15.5	-16.1
8547	4460634.07	5340014.10	504.66	3	D	A	73.9	0.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	6.2	1.8	15.4	-17.5
8548	4460633.78	5340017.17	504.65	3	D	A	73.9	7.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	2.3	1.8	11.9	-3.6
8549	4460633.40	5340021.24	504.64	3	D	A	73.9	5.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.2	1.8	11.8	-5.4
8550	4460633.02	5340025.18	504.62	3	D	A	73.9	6.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.6	1.8	9.6	0.0
8551	4460635.65	5339997.53	504.73	2	D	A	73.9	0.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	7.3	1.8	50.3	-56.5
8552	4460635.54	5339998.67	504.72	2	D	A	73.9	0.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	38.8	-37.4
8553	4460635.47	5339999.40	504.72	2	D	A	73.9	-6.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	38.8	-44.6
8554	4460635.36	5340000.57	504.72	2	D	A	73.9	3.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	38.4	-34.6
8555	4460634.74	5340007.13	504.69	2	D	A	73.9	10.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-27.5
8556	4460634.11	5340013.77	504.66	2	D	A	73.9	3.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-34.4
8557	4460633.94	5340015.50	504.66	2	D	A	73.9	0.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-37.2
8558	4460633.47	5340020.46	504.64	2	D	A	73.9	9.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	38.4	-28.5
8560	4460633.99	5340014.97	504.66	3	D	A	73.9	9.0	0.9	3.0</										

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8568	4460639.58	5339956.00	504.89	2	D	A	73.9	6.7	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	4.9	1.7	13.0	-5.4
8569	4460638.88	5339963.44	504.86	2	D	A	73.9	10.1	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	4.8	1.7	13.0	-2.0
8570	4460638.33	5339969.17	504.84	2	D	A	73.9	0.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	2.6	1.7	10.8	-7.0
8571	4460637.90	5339973.80	504.82	2	D	A	73.9	9.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.6	1.7	13.6	-4.6
8572	4460637.24	5339980.75	504.79	2	D	A	73.9	7.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	2.6	1.7	10.8	-0.4
8573	4460633.83	5340016.72	504.65	1	D	A	73.9	8.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	8.2	1.8	6.9	-1.4
8574	4460633.46	5340020.63	504.64	1	D	A	73.9	-8.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	8.1	1.8	5.7	-16.9
8575	4460633.35	5340021.69	504.63	1	D	A	73.9	2.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	8.0	1.8	5.7	-6.0
8576	4460633.19	5340023.43	504.63	1	D	A	73.9	1.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	7.8	1.8	5.7	-6.9
8577	4460633.02	5340025.25	504.62	1	D	A	73.9	3.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.0	1.8	3.8	1.3
8578	4460632.82	5340027.29	504.61	1	D	A	73.9	3.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.8	1.8	4.7	-1.7
8579	4460632.69	5340032.86	504.59	0	D	A	73.9	-0.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.1	1.8	0.0	-1.2
8580	4460633.19	5340027.57	504.61	0	D	A	73.9	9.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.1	1.8	0.0	9.7
8581	4460633.94	5340019.56	504.64	0	D	A	73.9	8.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.1	1.8	0.0	7.9
8582	4460634.36	5340015.12	504.66	0	D	A	73.9	4.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.8	1.8	0.0	5.5
8583	4460634.57	5340012.88	504.67	0	D	A	73.9	2.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	8.9	1.7	0.0	-1.1
8584	4460634.77	5340010.74	504.68	0	D	A	73.9	3.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	9.2	1.7	0.0	-0.2
8585	4460635.87	5339999.01	504.72	0	D	A	73.9	13.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	10.0	1.7	0.0	8.6
8586	4460637.20	5339984.76	504.78	0	D	A	73.9	8.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	2.2	1.7	0.0	12.0
8587	4460637.61	5339980.46	504.79	0	D	A	73.9	0.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.4	1.7	0.0	5.9
8588	4460637.85	5339977.90	504.80	0	D	A	73.9	6.0	0.9	3.0	0.0	64.6	1.3	4.5	0.0	0.0	0.5	1.7	0.0	11.1
8589	4460639.08	5339964.81	504.86	0	D	A	73.9	13.5	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	5.0	1.7	0.0	14.3
8593	4460636.81	5339988.97	504.76	1	D	A	73.9	4.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	16.2	1.8	18.7	-26.0
8594	4460637.04	5339986.53	504.77	1	D	A	73.9	3.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	16.1	1.8	18.7	-26.7
8595	4460637.68	5339979.73	504.80	1	D	A	73.9	10.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	15.1	1.8	19.7	-19.5
8596	4460638.29	5339973.20	504.82	1	D	A	73.9	2.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	15.1	1.8	19.6	-27.7
8597	4460639.24	5339963.02	504.86	1	D	A	73.9	12.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	15.5	1.8	19.1	-17.1
8598	4460637.97	5339976.63	504.81	2	D	A	73.9	-0.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	2.3	1.8	11.0	-10.8
8599	4460638.03	5339975.92	504.81	2	D	A	73.9	-2.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.5	1.8	8.4	-7.8
8600	4460638.34	5339972.70	504.83	2	D	A	73.9	7.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.5	1.8	8.4	2.2
8601	4460638.77	5339968.06	504.84	2	D	A	73.9	5.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.5	1.8	8.4	-0.1
8602	4460639.17	5339963.77	504.86	2	D	A	73.9	7.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.6	1.8	12.5	-5.5
8603	4460639.63	5339958.91	504.88	2	D	A	73.9	6.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	4.7	1.8	13.4	-8.1
8604	4460639.98	5339955.17	504.89	2	D	A	73.9	4.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	4.7	1.8	13.4	-9.9
8605	4460633.54	5340023.82	504.62	2	D	A	73.9	12.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.7	1.8	8.7	7.1
8606	4460634.88	5340009.56	504.68	2	D	A	73.9	9.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.7	1.8	11.4	-0.4
8607	4460635.39	5340004.10	504.70	2	D	A	73.9	1.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.8	1.8	15.0	-17.7
8608	4460635.93	5339998.39	504.72	2	D	A	73.9	10.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.7	1.8	15.3	-9.9
8609	4460636.77	5339989.39	504.76	2	D	A	73.9	9.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	9.3	1.8	15.4	-11.6
8610	4460637.29	5339983.88	504.78	2	D	A	73.9	5.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.4	1.8	15.4	-15.7
8611	4460637.73	5339979.18	504.80	2	D	A	73.9	8.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.9	1.8	8.8	2.5
8612	4460638.35	5339972.54	504.83	2	D	A	73.9	8.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.9	1.8	8.8	3.0
8613	4460634.18	5340017.05	504.65	3	D	A	73.9	7.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	2.3	1.8	11.9	-3.6
8614	4460634.46	5340013.98	504.66	3	D	A	73.9	0.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	6.3	1.8	15.4	-17.6
8615	4460634.60	5340012.59	504.67	3	D	A	73.9	2.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	6.4	1.8	15.5	-16.1
8616	4460633.43	5340025.05	504.62	3	D	A	73.9	6.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.6	1.8	9.6	0.0
8617	4460633.79	5340021.12	504.64	3	D	A	73.9	5.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.2	1.8	11.8	-5.5
8618	4460633.83	5340020.77	504.64	2	D	A	73.9	9.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-28.5
8619	4460634.29	5340015.80	504.66	2	D	A	73.9	0.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-37.2
8620	4460634.46	5340014.07	504.66	2	D	A	73.9	3.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-34.4
8621	4460635.08	5340007.42	504.69	2	D	A	73.9	10.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	38.5	-27.5
8622	4460635.70	5340000.85	504.71	2	D	A	73.9	3.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	38.4	-34.6
8623	4460635.81	5339999.68	504.72	2	D	A	73.9	-6.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	38.8	-44.6
8624	4460635.87	5339998.95	504.72	2	D	A	73.9	0.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	38.8	-37.4
8625	4460635.98	5339997.80	504.73	2	D	A	73.9	0.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	7.2	1.8	50.3	-56.5
8626	4460634.38	5340014.89	504.66	3	D	A	73.9	9.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	39.8	-30.4
8627	4460633.44	5340024.88	504.62	3	D	A	73.9	5.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	39.8	-33.6
8628	4460633.67	5340022.45	504.63	3	D	A	73.9	0.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	39.8	-39.3
8629	4460633.81	5340020.94	504.64	3	D	A	73.9	3.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	39.8	-36.5
8630	4460633.96	5340019.39	504.64	3	D	A	73.9	0.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	39.8	-39.0
8631	4460637.55	5339981.12	504.79	2	D	A	73.9	7.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	2.6	1.7	10.8	-0.3
8633	4460638.20	5339974.16	504.82	2	D	A	73.9	9.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.6	1.7	13.5	-4.5
8634	4460638.63	5339969.52	504.84	2	D	A	73.9	0.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	2.5	1.7	10.7	-6.9
8636	4460639.17	5339963.78	504.86	2	D	A	73.9	10.1	0.9	3.0	0.0									

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8644	4460633.59	5340023.26	504.63	1	D	A	73.9	1.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	7.9	1.8	5.7	-6.9
8645	4460633.76	5340021.52	504.63	1	D	A	73.9	2.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	8.0	1.8	5.7	-6.0
8646	4460633.86	5340020.46	504.64	1	D	A	73.9	-8.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	8.1	1.8	5.7	-17.0
8647	4460845.53	5340096.03	503.89	0	D	A	73.9	9.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	1.0	1.8	0.0	10.6
8648	4460872.89	5340077.33	503.93	0	D	A	73.9	17.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	1.4	1.8	0.0	17.6
8649	4460905.73	5340054.89	503.97	0	D	A	73.9	13.6	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	1.1	1.8	0.0	13.8
8650	4460920.66	5340044.69	503.99	0	D	A	73.9	11.2	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	1.1	1.8	0.0	11.3
8651	4460934.15	5340035.47	504.01	0	D	A	73.9	12.9	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	1.2	1.8	0.0	12.9
8652	4460943.22	5340029.27	504.02	0	D	A	73.9	3.7	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	1.1	1.8	0.0	3.7
8653	4460957.91	5340019.23	504.05	0	D	A	73.9	15.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.2	1.8	0.0	15.0
8654	4460972.17	5340009.48	504.07	0	D	A	73.9	1.2	0.9	3.0	0.0	68.6	1.9	4.6	0.0	0.0	1.2	1.8	0.0	1.0
8655	4460974.07	5340008.19	504.07	0	D	A	73.9	5.1	0.9	3.0	0.0	68.6	1.9	4.6	0.0	0.0	1.4	1.8	0.0	4.6
8656	4460980.83	5340003.57	504.08	0	D	A	73.9	11.2	0.9	3.0	0.0	68.7	1.9	4.6	0.0	0.0	1.5	1.8	0.0	10.6
8659	4460877.23	5340074.36	503.93	1	D	A	73.9	7.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.8	1.8	12.9	-19.4
8660	4460885.34	5340068.82	503.94	1	D	A	73.9	11.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.8	1.8	12.9	-15.6
8661	4460894.82	5340062.35	503.96	1	D	A	73.9	9.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-17.5
8662	4460905.57	5340054.99	503.97	1	D	A	73.9	12.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-14.8
8663	4460916.62	5340047.44	503.99	1	D	A	73.9	9.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-17.3
8664	4460926.02	5340041.02	504.00	1	D	A	73.9	11.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-16.1
8665	4460938.51	5340032.49	504.02	1	D	A	73.9	12.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-15.0
8666	4460945.89	5340027.45	504.03	1	D	A	73.9	-2.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-29.5
8667	4460949.11	5340025.25	504.03	1	D	A	73.9	8.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-18.9
8668	4460956.63	5340020.11	504.04	1	D	A	73.9	10.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	14.8	1.8	13.0	-17.1
8669	4460969.09	5340011.59	504.06	1	D	A	73.9	12.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	14.8	1.8	13.1	-14.8
8670	4460977.29	5340005.99	504.07	1	D	A	73.9	-1.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	14.8	1.8	13.1	-29.1
8671	4460980.65	5340003.69	504.08	1	D	A	73.9	8.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	14.8	1.8	13.1	-19.0
8672	4460984.98	5340000.73	504.08	1	D	A	73.9	4.9	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	14.8	1.8	13.1	-22.8
8673	4460846.61	5340095.29	503.89	1	D	A	73.9	10.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	14.6	1.8	13.1	-15.9
8674	4460857.29	5340087.99	503.90	1	D	A	73.9	11.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	14.8	1.8	12.9	-15.6
8675	4460868.05	5340080.64	503.92	1	D	A	73.9	11.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.9	1.8	12.9	-15.9
8676	4460874.06	5340076.53	503.93	1	D	A	73.9	2.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.9	1.8	12.9	-24.1
8677	4460843.60	5340097.34	503.88	3	D	A	73.9	-2.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	14.8	1.8	23.9	-40.8
8678	4460849.31	5340093.44	503.89	3	D	A	73.9	11.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.8	1.8	23.9	-26.7
8679	4460861.70	5340084.97	503.91	3	D	A	73.9	12.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.8	1.8	23.9	-25.8
8680	4460869.45	5340079.68	503.92	3	D	A	73.9	3.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.9	1.8	23.9	-34.9
8681	4460913.46	5340049.61	503.98	2	D	A	73.9	12.9	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	14.4	1.8	23.8	-25.2
8682	4460925.61	5340041.30	504.00	2	D	A	73.9	9.9	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	14.4	1.8	23.9	-28.5
8683	4460927.50	5340040.01	504.00	2	D	A	73.9	-0.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	14.9	1.9	23.5	-39.4
8685	4460932.87	5340036.34	504.01	2	D	A	73.9	10.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	14.8	1.9	23.6	-27.9
8687	4460962.07	5340016.38	504.05	2	D	A	73.9	17.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	13.8	1.9	24.9	-21.7
8690	4460949.53	5340024.95	504.03	2	D	A	73.9	11.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	1.8	1.8	32.3	-122.8
8691	4460955.77	5340020.69	504.04	2	D	A	73.9	2.2	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.2	1.8	24.5	-122.6
8692	4460963.00	5340015.75	504.05	2	D	A	73.9	12.0	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.2	1.9	25.3	-113.7
8693	4460841.73	5340098.62	503.88	2	D	A	73.9	-2.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.4	1.8	9.0	-11.6
8694	4460842.24	5340098.27	503.88	2	D	A	73.9	-2.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.4	1.8	9.0	-11.5
8695	4460845.62	5340095.96	503.89	2	D	A	73.9	8.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.4	1.8	9.0	-0.7
8696	4460897.56	5340060.47	503.96	3	D	A	73.9	8.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.2	1.9	9.9	-1.8
8697	4460906.57	5340054.31	503.97	3	D	A	73.9	11.5	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	9.9	0.7
8698	4460909.80	5340052.10	503.98	3	D	A	73.9	7.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.7	1.9	13.8	-10.3
8699	4460914.98	5340048.57	503.98	3	D	A	73.9	8.7	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	2.3	1.9	13.3	-7.8
8700	4460921.88	5340043.85	503.99	3	D	A	73.9	9.7	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	9.9	-1.4
8701	4460930.33	5340038.08	504.01	3	D	A	73.9	10.5	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	9.9	-0.7
8702	4460942.70	5340029.63	504.02	3	D	A	73.9	12.7	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	9.9	1.4
8703	4460961.50	5340016.78	504.05	3	D	A	73.9	3.3	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	9.8	-7.6
8704	4460963.45	5340015.45	504.05	3	D	A	73.9	4.1	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	9.8	-6.8
8706	4460983.10	5340002.02	504.08	3	D	A	73.9	8.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	9.8	-1.6
8707	4460925.65	5340041.27	504.00	1	D	A	73.9	15.3	0.9	3.0	0.0	68.9	1.9	4.6	0.0	0.0	0.3	1.8	7.7	7.9
8709	4460943.76	5340028.90	504.03	1	D	A	73.9	10.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	2.0	1.8	10.4	-1.5
8710	4460949.27	5340025.13	504.03	1	D	A	73.9	1.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	1.7	1.8	10.1	-10.2
8711	4460957.27	5340019.67	504.04	1	D	A	73.9	12.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	7.6	4.7
8713	4460970.61	5340010.55	504.06	1	D	A	73.9	11.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	7.6	3.6
8715	4460981.41	5340003.17	504.08	1	D	A	73.9	10.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	7.7	2.5
8716	4460645.71	5339905.14	505.19	0	D	A	73.9	9.6	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	4.9	1.7	0.0	11.4
8717	4460644.67	5339913.65	505.14																	

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8723	4460640.20	5339950.44	504.92	0	D	A	73.9	8.2	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	5.1	1.7	0.0	9.1
8724	4460645.93	5339903.27	505.20	1	D	A	73.9	7.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.6	1.7	11.5	-14.2
8725	4460645.02	5339910.76	505.16	1	D	A	73.9	9.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	15.5	1.7	11.6	-11.6
8726	4460643.39	5339924.20	505.08	1	D	A	73.9	12.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	16.2	1.7	10.9	-9.3
8727	4460642.10	5339934.83	505.01	1	D	A	73.9	6.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	16.0	1.7	11.0	-15.7
8728	4460641.36	5339940.91	504.98	1	D	A	73.9	9.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	14.9	1.7	19.6	-20.3
8729	4460640.33	5339949.33	504.93	1	D	A	73.9	9.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.6	1.8	19.0	-20.1
8730	4460645.88	5339903.69	505.20	3	D	A	73.9	7.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	15.6	1.7	13.5	-15.8
8731	4460644.91	5339911.73	505.15	3	D	A	73.9	10.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.5	1.7	13.6	-13.7
8732	4460644.27	5339916.93	505.12	3	D	A	73.9	-4.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.4	1.7	13.7	-27.9
8733	4460642.90	5339928.18	505.05	1	D	A	73.9	12.8	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	9.3	1.7	89.1	-79.2
8734	4460641.54	5339939.36	504.99	1	D	A	73.9	5.1	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	8.2	1.7	90.9	-87.9
8735	4460641.69	5339938.15	504.99	2	D	A	73.9	7.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.8	1.8	8.7	1.8
8736	4460641.31	5339941.27	504.97	2	D	A	73.9	-3.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.7	1.8	13.4	-17.6
8737	4460641.05	5339943.45	504.96	2	D	A	73.9	5.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.7	1.8	13.4	-8.6
8738	4460640.31	5339949.54	504.92	2	D	A	73.9	9.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.8	1.8	13.4	-5.4
8739	4460646.18	5339901.27	505.21	3	D	A	73.9	1.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	9.2	-5.0
8740	4460646.07	5339902.14	505.21	3	D	A	73.9	-3.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	9.2	-9.0
8749	4460641.31	5339941.31	504.97	2	D	A	73.9	3.8	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	8.0	1.7	14.6	-12.8
8750	4460640.78	5339945.64	504.95	2	D	A	73.9	8.0	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	2.7	1.7	10.8	0.5
8751	4460640.15	5339950.84	504.92	2	D	A	73.9	6.2	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	5.2	1.7	13.2	-6.3
8752	4460639.85	5339953.30	504.90	2	D	A	73.9	-1.0	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	4.9	1.7	13.0	-13.1
8753	4460640.49	5339950.58	504.92	0	D	A	73.9	8.0	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	5.0	1.7	0.0	8.9
8754	4460641.05	5339945.98	504.94	0	D	A	73.9	4.8	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.7	1.7	0.0	10.2
8755	4460641.47	5339942.43	504.97	0	D	A	73.9	6.2	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	2.7	1.7	0.0	9.6
8756	4460641.89	5339939.00	504.99	0	D	A	73.9	4.4	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	8.2	1.7	0.0	2.4
8757	4460643.24	5339927.76	505.05	0	D	A	73.9	13.0	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	9.3	1.7	0.0	10.0
8758	4460644.91	5339913.87	505.13	0	D	A	73.9	9.1	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	4.2	1.7	0.0	11.4
8759	4460645.94	5339905.29	505.18	0	D	A	73.9	9.6	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	4.9	1.7	0.0	11.4
8762	4460640.63	5339949.46	504.92	1	D	A	73.9	9.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.6	1.8	19.1	-20.3
8763	4460641.63	5339941.16	504.97	1	D	A	73.9	9.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	14.9	1.7	19.6	-20.3
8764	4460642.36	5339935.06	505.01	1	D	A	73.9	6.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	16.0	1.7	11.1	-15.7
8765	4460643.64	5339924.43	505.07	1	D	A	73.9	12.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	16.2	1.7	10.9	-9.3
8766	4460645.26	5339910.95	505.15	1	D	A	73.9	9.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	15.5	1.7	11.6	-11.6
8767	4460646.17	5339903.41	505.19	1	D	A	73.9	7.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.6	1.7	11.5	-14.1
8768	4460644.51	5339917.15	505.11	3	D	A	73.9	-4.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	15.4	1.7	13.7	-27.9
8769	4460645.14	5339911.94	505.14	3	D	A	73.9	10.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.5	1.7	13.6	-13.7
8770	4460646.12	5339903.83	505.19	3	D	A	73.9	7.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	15.6	1.7	13.5	-15.7
8771	4460641.81	5339939.64	504.98	1	D	A	73.9	5.2	0.9	3.0	0.0	64.1	1.3	4.5	0.0	0.0	8.2	1.7	91.0	-87.9
8772	4460643.16	5339928.43	505.05	1	D	A	73.9	12.9	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	9.3	1.7	89.1	-79.3
8773	4460640.61	5339949.65	504.92	2	D	A	73.9	9.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.7	1.8	13.4	-5.4
8774	4460641.33	5339943.67	504.96	2	D	A	73.9	5.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.7	1.8	13.4	-8.5
8775	4460641.59	5339941.48	504.97	2	D	A	73.9	-3.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.7	1.8	13.4	-17.6
8776	4460641.96	5339938.36	504.99	2	D	A	73.9	7.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.8	1.8	8.7	1.8
8777	4460646.34	5339902.00	505.20	3	D	A	73.9	-3.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	9.2	-9.0
8778	4460646.43	5339901.25	505.21	3	D	A	73.9	0.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	9.2	-5.8
8783	4460640.15	5339953.45	504.90	2	D	A	73.9	-3.2	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	4.9	1.7	13.0	-15.3
8784	4460640.43	5339951.15	504.91	2	D	A	73.9	6.2	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	5.1	1.7	13.2	-6.2
8785	4460641.05	5339945.93	504.94	2	D	A	73.9	8.0	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	2.7	1.7	10.8	0.5
8786	4460641.57	5339941.59	504.97	2	D	A	73.9	3.8	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	7.9	1.7	14.6	-12.8
8787	4461130.83	5339885.57	504.01	0	D	A	73.9	16.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	9.6	1.9	0.0	6.8
8788	4461109.82	5339900.26	504.01	0	D	A	73.9	6.4	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	9.4	1.8	0.0	-3.1
8789	4461106.09	5339902.87	504.01	0	D	A	73.9	6.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	9.4	1.8	0.0	-2.8
8790	4461098.99	5339907.83	504.01	0	D	A	73.9	11.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	9.6	1.8	0.0	1.4
8791	4461092.96	5339912.04	504.02	0	D	A	73.9	3.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.5	1.8	0.0	-6.3
8792	4461089.89	5339914.19	504.02	0	D	A	73.9	7.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.4	1.8	0.0	-2.0
8793	4461087.07	5339916.16	504.02	0	D	A	73.9	1.7	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.4	1.8	0.0	-7.6
8794	4461077.25	5339923.02	504.02	0	D	A	73.9	13.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.8	1.8	0.0	4.8
8795	4461066.13	5339930.79	504.02	0	D	A	73.9	6.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	8.9	1.8	0.0	-2.0
8796	4461058.68	5339936.00	504.02	0	D	A	73.9	11.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.0	1.8	0.0	2.6
8797	4461041.65	5339947.90	504.02	0	D	A	73.9	14.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.7	1.8	0.0	6.3
8798	4461029.47	5339956.41	504.03	0	D	A	73.9	2.3	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.0	1.8	0.0	-6.2
8799	4461027.41	5339957.85	504.03	0	D	A	73.9	5.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.0	1.8	0.0	-3.2
8800	4461024.08	5339960.18	504.03	0	D	A	73.9	6.8	0.9	3										

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8814	4461114.25	5339897.17	504.01	1	D	A	73.9	5.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	4.0	1.9	24.8	-24.0
8815	4461111.52	5339899.07	504.01	1	D	A	73.9	5.4	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	4.0	1.9	24.8	-23.7
8816	4461105.91	5339903.00	504.01	1	D	A	73.9	10.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	3.6	1.8	24.3	-18.0
8817	4461096.86	5339909.32	504.01	1	D	A	73.9	10.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	3.1	1.8	23.6	-16.1
8818	4461091.95	5339912.75	504.02	1	D	A	73.9	-7.4	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	2.9	1.8	23.3	-33.6
8819	4461024.54	5339959.86	504.03	3	D	A	73.9	2.8	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.4	1.9	49.4	-149.1
8820	4461021.83	5339961.75	504.03	3	D	A	73.9	6.7	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.4	1.9	49.0	-144.7
8821	4461019.71	5339963.24	504.03	3	D	A	73.9	-3.0	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.6	1.9	50.0	-155.7
8822	4461018.76	5339963.90	504.03	3	D	A	73.9	2.6	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.6	1.9	50.0	-150.0
8823	4461017.06	5339965.09	504.03	3	D	A	73.9	3.7	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.3	1.9	47.4	-146.0
8824	4461014.26	5339967.05	504.03	3	D	A	73.9	6.5	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.3	1.9	48.1	-143.9
8825	4461012.34	5339968.39	504.03	3	D	A	73.9	-6.6	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.4	1.9	47.9	-157.0
8826	4461039.56	5339949.36	504.02	3	D	A	73.9	4.0	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.4	1.9	21.0	-18.6
8827	4461036.73	5339951.34	504.03	3	D	A	73.9	6.4	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.4	1.9	20.9	-16.0
8828	4461034.39	5339952.97	504.03	3	D	A	73.9	1.1	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.7	1.9	21.7	-22.4
8829	4461032.86	5339954.04	504.03	3	D	A	73.9	3.9	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.7	1.9	21.8	-19.7
8830	4461027.68	5339957.66	504.03	3	D	A	73.9	10.1	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.8	1.9	21.9	-13.7
8831	4461022.67	5339961.17	504.03	3	D	A	73.9	3.1	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.8	1.9	21.8	-20.5
8832	4461018.53	5339964.06	504.03	3	D	A	73.9	9.1	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.5	1.9	21.0	-13.5
8833	4461013.74	5339967.41	504.03	3	D	A	73.9	5.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.5	1.9	21.0	-16.9
8837	4460649.49	5339863.62	505.49	0	D	A	73.9	11.7	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	7.3	1.7	0.0	11.6
8838	4460647.55	5339885.81	505.33	0	D	A	73.9	14.7	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	6.9	1.7	0.0	14.7
8847	4460649.75	5339860.61	505.52	1	D	A	73.9	9.4	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	15.9	1.7	11.1	-11.5
8848	4460648.89	5339870.46	505.44	1	D	A	73.9	10.4	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	15.9	1.7	11.1	-10.6
8849	4460648.14	5339878.98	505.38	1	D	A	73.9	7.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	15.8	1.7	11.1	-13.3
8850	4460647.47	5339886.76	505.32	1	D	A	73.9	9.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.8	1.7	11.2	-11.4
8851	4460646.87	5339893.54	505.27	1	D	A	73.9	6.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.7	1.7	11.3	-15.2
8852	4460649.05	5339868.56	505.46	3	D	A	73.9	5.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.5	1.8	23.5	-30.6
8853	4460648.75	5339872.03	505.43	3	D	A	73.9	5.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.4	1.8	23.5	-29.8
8854	4460648.45	5339875.44	505.41	3	D	A	73.9	4.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	14.8	1.8	23.1	-30.8
8855	4460646.64	5339896.25	505.25	1	D	A	73.9	1.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.6	1.7	11.4	-20.0
8856	4460646.41	5339898.79	505.23	1	D	A	73.9	5.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.6	1.7	11.4	-15.7
8857	4460646.86	5339893.68	505.27	3	D	A	73.9	1.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.7	1.7	13.4	-21.7
8858	4460646.52	5339897.54	505.24	3	D	A	73.9	8.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	15.6	1.7	13.4	-15.6
8859	4460646.83	5339894.03	505.27	2	D	A	73.9	9.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.9	1.8	20.7	-21.4
8860	4460646.59	5339896.77	505.25	3	D	A	73.9	3.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	17.5	-10.7
8861	4460646.37	5339899.28	505.23	3	D	A	73.9	4.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	9.2	-1.6
8862	4460647.03	5339891.72	505.28	3	D	A	73.9	4.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	2.4	1.9	56.2	-56.6
8863	4460646.73	5339895.20	505.26	3	D	A	73.9	6.2	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	2.0	1.9	55.5	-53.9
8864	4460646.54	5339897.36	505.24	3	D	A	73.9	-7.6	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.3	1.9	49.4	-59.8
8865	4460646.46	5339898.23	505.24	3	D	A	73.9	2.0	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.3	1.9	49.5	-50.3
8866	4460646.38	5339899.19	505.23	3	D	A	73.9	-4.7	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.3	1.9	49.5	-57.0
8867	4460648.33	5339876.90	505.40	3	D	A	73.9	2.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	4.4	1.9	69.3	-76.3
8868	4460648.15	5339878.93	505.38	3	D	A	73.9	3.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	3.8	1.9	68.7	-74.1
8869	4460647.98	5339880.84	505.37	3	D	A	73.9	1.9	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	3.4	1.9	68.1	-74.8
8870	4460647.82	5339882.70	505.35	3	D	A	73.9	3.4	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	3.0	1.9	67.6	-72.4
8871	4460647.71	5339883.99	505.34	3	D	A	73.9	-4.0	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.7	1.9	67.2	-79.1
8872	4460647.69	5339884.22	505.34	3	D	A	73.9	-13.0	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.7	1.9	67.2	-88.0
8873	4460647.67	5339884.45	505.34	3	D	A	73.9	-3.9	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.6	1.9	67.1	-78.8
8874	4460647.63	5339884.82	505.34	3	D	A	73.9	-4.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.6	1.9	67.0	-79.4
8875	4460647.52	5339886.09	505.33	3	D	A	73.9	3.4	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.4	1.9	66.6	-70.8
8876	4460647.37	5339887.90	505.31	3	D	A	73.9	1.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.1	1.9	66.2	-71.9
8880	4460647.67	5339884.37	505.34	3	D	A	73.9	-6.0	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	0.8	1.7	9.4	-10.6
8881	4460647.43	5339887.20	505.32	3	D	A	73.9	7.4	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	0.9	1.7	9.5	2.8
8882	4460647.01	5339892.02	505.28	3	D	A	73.9	6.3	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	2.3	1.7	11.3	-1.5
8883	4460648.85	5339870.88	505.44	2	D	A	73.9	3.9	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	8.1	-1.2
8884	4460648.50	5339874.92	505.41	2	D	A	73.9	7.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	8.1	2.3
8885	4460647.08	5339891.18	505.29	1	D	A	73.9	9.7	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	0.6	1.7	7.1	7.9
8887	4460647.87	5339886.01	505.32	0	D	A	73.9	14.7	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	6.9	1.7	0.0	14.7
8888	4460649.96	5339863.84	505.49	0	D	A	73.9	11.7	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	7.2	1.7	0.0	11.7
8895	4460647.15	5339893.76	505.26	1	D	A	73.9	6.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.7	1.7	11.3	-15.3
8896	4460647.78	5339887.00	505.31	1	D	A	73.9	9.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	15.8	1.7	11.2	-11.5
8897	4460648.51	5339879.25	505.37	1	D	A	73.9	7.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	15.8	1.7	11.2	-13.3
8898	4460649.31	5339870.76	505.44</																	

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8903	4460646.66	5339898.93	505.22	1	D	A	73.9	5.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.6	1.7	11.4	-15.8
8904	4460646.89	5339896.45	505.24	1	D	A	73.9	1.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.6	1.7	11.4	-20.0
8905	4460646.78	5339897.69	505.23	3	D	A	73.9	7.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	15.6	1.7	13.4	-15.7
8906	4460647.13	5339893.91	505.26	3	D	A	73.9	1.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	15.7	1.7	13.4	-21.8
8907	4460647.14	5339893.83	505.26	2	D	A	73.9	9.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	14.9	1.8	20.7	-21.4
8908	4460646.63	5339899.25	505.22	3	D	A	73.9	4.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	9.2	-1.2
8909	4460646.88	5339896.62	505.24	3	D	A	73.9	3.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	17.5	-10.7
8910	4460646.62	5339899.33	505.22	3	D	A	73.9	-4.7	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.3	1.9	49.5	-57.0
8911	4460646.71	5339898.37	505.23	3	D	A	73.9	2.0	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.3	1.9	49.5	-50.3
8912	4460646.79	5339897.50	505.23	3	D	A	73.9	-7.6	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.3	1.9	49.5	-59.8
8913	4460646.98	5339895.52	505.25	3	D	A	73.9	5.8	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	2.0	1.9	55.5	-54.2
8914	4460647.17	5339893.46	505.26	3	D	A	73.9	-4.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	2.2	1.9	55.9	-65.1
8915	4460647.21	5339893.06	505.27	3	D	A	73.9	-3.6	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	2.3	1.9	56.0	-64.3
8916	4460647.34	5339891.67	505.28	3	D	A	73.9	3.7	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	2.4	1.9	56.3	-57.4
8917	4460647.68	5339888.06	505.31	3	D	A	73.9	1.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.1	1.9	66.1	-71.9
8918	4460647.85	5339886.26	505.32	3	D	A	73.9	3.4	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.4	1.9	66.6	-70.8
8920	4460647.97	5339885.00	505.33	3	D	A	73.9	-4.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.6	1.9	67.0	-79.4
8921	4460648.00	5339884.62	505.33	3	D	A	73.9	-3.9	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.6	1.9	67.1	-78.8
8924	4460648.03	5339884.39	505.33	3	D	A	73.9	-13.0	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.7	1.9	67.2	-88.0
8925	4460648.05	5339884.17	505.34	3	D	A	73.9	-4.0	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.7	1.9	67.2	-79.1
8926	4460648.17	5339882.88	505.35	3	D	A	73.9	3.4	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	2.9	1.9	67.6	-72.3
8927	4460648.34	5339881.02	505.36	3	D	A	73.9	1.9	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	3.3	1.9	68.1	-74.8
8928	4460648.52	5339879.12	505.38	3	D	A	73.9	3.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	3.8	1.9	68.7	-74.1
8929	4460648.71	5339877.10	505.39	3	D	A	73.9	2.6	0.9	3.0	0.0	73.7	2.7	4.7	0.0	0.0	4.4	1.9	69.2	-76.3
8930	4460647.33	5339891.77	505.28	3	D	A	73.9	6.3	0.9	3.0	0.0	64.4	1.3	4.5	0.0	0.0	2.3	1.7	11.3	-1.5
8931	4460647.79	5339886.92	505.32	3	D	A	73.9	7.4	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	0.9	1.7	9.5	2.8
8932	4460648.06	5339884.07	505.34	3	D	A	73.9	-6.0	0.9	3.0	0.0	64.5	1.3	4.5	0.0	0.0	0.8	1.7	9.4	-10.6
8933	4460648.90	5339875.14	505.41	2	D	A	73.9	7.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	16.3	-5.9
8934	4460649.27	5339871.12	505.44	2	D	A	73.9	3.9	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	8.1	-1.2
8935	4460647.41	5339890.94	505.28	1	D	A	73.9	9.7	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	0.6	1.7	7.1	8.0
9023	4460989.29	5339997.76	504.09	0	D	A	73.9	8.7	0.9	3.0	0.0	68.7	1.9	4.6	0.0	0.0	1.5	1.8	0.0	8.0
9024	4460994.58	5339994.09	504.10	0	D	A	73.9	7.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.0	1.8	0.0	7.1
9025	4460998.01	5339991.72	504.10	0	D	A	73.9	4.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.2	1.8	0.0	4.1
9026	4461000.24	5339990.17	504.10	0	D	A	73.9	4.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.2	1.8	0.0	3.6
9027	4461001.29	5339989.44	504.10	0	D	A	73.9	-20.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.6	1.8	0.0	-20.9
9028	4461001.89	5339989.03	504.10	0	D	A	73.9	1.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-5.2
9029	4461007.58	5339985.09	504.11	0	D	A	73.9	10.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	7.7	1.8	0.0	3.9
9030	4461014.86	5339980.04	504.12	0	D	A	73.9	7.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-0.1
9031	4461019.44	5339976.87	504.12	0	D	A	73.9	7.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.1	1.8	0.0	0.1
9032	4461024.26	5339973.53	504.13	0	D	A	73.9	7.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.3	1.8	0.0	-0.0
9033	4461030.10	5339969.49	504.14	0	D	A	73.9	9.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.6	1.8	0.0	1.1
9034	4461035.52	5339965.74	504.14	0	D	A	73.9	6.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.7	1.8	0.0	-1.4
9035	4461038.92	5339963.37	504.15	0	D	A	73.9	5.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.8	1.8	0.0	-3.0
9036	4461041.03	5339961.92	504.15	0	D	A	73.9	2.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.8	1.8	0.0	-6.1
9037	4461053.47	5339953.30	504.16	0	D	A	73.9	14.6	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	8.5	1.8	0.0	6.4
9038	4461070.87	5339941.24	504.18	0	D	A	73.9	11.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.8	1.8	0.0	2.8
9039	4461078.49	5339935.96	504.19	0	D	A	73.9	6.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	8.7	1.8	0.0	-1.9
9040	4461086.63	5339930.33	504.20	0	D	A	73.9	11.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	8.6	1.8	0.0	3.2
9041	4460989.61	5339997.53	504.09	1	D	A	73.9	9.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	14.8	1.8	13.1	-18.6
9042	4461023.72	5339973.91	504.13	3	D	A	73.9	-5.4	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.2	1.9	48.2	-156.0
9043	4461025.70	5339972.54	504.13	3	D	A	73.9	6.6	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.2	1.9	48.3	-144.1
9044	4461028.55	5339970.56	504.13	3	D	A	73.9	3.8	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.2	1.9	47.8	-146.3
9045	4461030.29	5339969.36	504.14	3	D	A	73.9	2.6	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.4	1.9	50.0	-149.9
9046	4461031.25	5339968.69	504.14	3	D	A	73.9	-2.9	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.4	1.9	50.1	-155.6
9047	4461033.41	5339967.20	504.14	3	D	A	73.9	6.8	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.3	1.9	49.1	-144.8
9048	4461036.16	5339965.29	504.14	3	D	A	73.9	2.9	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.3	1.9	49.5	-149.1
9049	4460992.03	5339995.86	504.09	3	D	A	73.9	-6.4	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	19.5	-26.9
9050	4460993.63	5339994.75	504.09	3	D	A	73.9	5.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	19.5	-14.9
9051	4460995.90	5339993.18	504.10	3	D	A	73.9	2.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.2	1.9	19.9	-18.3
9052	4461005.17	5339986.76	504.11	3	D	A	73.9	13.2	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.3	1.9	20.2	-8.2
9053	4461013.87	5339980.73	504.12	3	D	A	73.9	-3.3	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.3	1.9	20.2	-24.8
9054	4461014.75	5339980.12	504.12	3	D	A	73.9	2.2	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.2	1.9	20.0	-18.9
9055	4461015.81	5339979.39	504.12	3	D	A	73.9	-0.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.2	1.9	19.9	-21.6
9056	4461016.31	5339979.04	504.12	3	D	A	73.9	-4.8	0.9											

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
9061	4461039.69	5339962.85	504.15	3	D	A	73.9	10.2	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.5	1.9	21.3	-12.9
9062	4461044.97	5339959.19	504.15	3	D	A	73.9	4.0	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.5	1.9	21.2	-18.9
9063	4461046.53	5339958.10	504.16	3	D	A	73.9	1.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.4	1.9	21.1	-21.6
9064	4461048.91	5339956.46	504.16	3	D	A	73.9	6.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.3	1.9	20.5	-15.5
9065	4461051.80	5339954.45	504.16	3	D	A	73.9	4.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.3	1.9	20.5	-18.1
9066	4460964.73	5339994.93	503.92	0	D	A	73.9	11.5	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	2.0	1.8	0.0	10.6
9067	4460956.17	5339997.51	503.93	0	D	A	73.9	5.9	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	2.0	1.8	0.0	5.1
9068	4460934.93	5340003.92	503.95	0	D	A	73.9	16.1	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	2.0	1.8	0.0	15.5
9069	4460914.26	5340010.15	503.97	0	D	A	73.9	4.3	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	2.1	1.8	0.0	3.8
9070	4460902.29	5340013.76	503.99	0	D	A	73.9	13.5	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	2.2	1.8	0.0	13.0
9071	4460884.65	5340019.08	504.00	0	D	A	73.9	11.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	2.2	1.8	0.0	11.3
9072	4460876.00	5340021.68	504.01	0	D	A	73.9	5.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	2.3	1.8	0.0	5.1
9073	4460970.42	5339993.22	503.91	1	D	A	73.9	3.2	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	14.9	1.8	13.0	-24.2
9074	4460965.10	5339994.82	503.92	1	D	A	73.9	9.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.9	1.8	12.9	-17.9
9075	4460960.38	5339996.25	503.92	1	D	A	73.9	-0.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.9	1.8	12.9	-28.0
9076	4460949.00	5339999.67	503.94	1	D	A	73.9	13.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	14.9	1.8	12.9	-13.6
9077	4460931.82	5340004.85	503.95	1	D	A	73.9	11.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	14.9	1.8	12.8	-15.9
9078	4460921.59	5340007.94	503.97	1	D	A	73.9	9.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.9	1.8	12.8	-17.7
9079	4460917.24	5340009.25	503.97	1	D	A	73.9	-1.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	14.9	1.8	12.8	-28.3
9080	4460907.38	5340012.22	503.98	1	D	A	73.9	13.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	15.0	1.8	12.8	-13.8
9081	4460890.80	5340017.22	504.00	1	D	A	73.9	11.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	15.0	1.8	12.7	-14.9
9082	4460879.03	5340020.77	504.01	1	D	A	73.9	9.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	15.0	1.8	12.7	-16.5
9083	4460668.54	5340082.36	504.41	0	D	A	73.9	6.5	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	5.9	1.8	0.0	4.3
9084	4460676.61	5340084.42	504.38	0	D	A	73.9	10.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	5.8	1.8	0.0	8.6
9085	4460684.94	5340086.55	504.35	0	D	A	73.9	7.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	5.7	1.8	0.0	4.8
9086	4460688.92	5340087.57	504.33	0	D	A	73.9	5.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	5.6	1.8	0.0	2.9
9087	4460692.21	5340088.40	504.32	0	D	A	73.9	5.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	5.3	1.8	0.0	3.5
9088	4460695.17	5340089.16	504.31	0	D	A	73.9	4.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	5.9	1.8	0.0	1.5
9089	4460698.03	5340089.89	504.29	0	D	A	73.9	5.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	5.8	1.8	0.0	2.7
9090	4460702.15	5340090.94	504.28	0	D	A	73.9	7.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	5.8	1.8	0.0	4.5
9091	4460717.53	5340094.87	504.22	0	D	A	73.9	14.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	5.6	1.8	0.0	11.7
9092	4460732.04	5340098.57	504.16	0	D	A	73.9	5.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	4.9	1.8	0.0	3.1
9093	4460690.99	5340088.09	504.32	2	D	A	73.9	13.1	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	14.8	1.8	22.6	-22.9
9094	4460702.32	5340090.98	504.28	2	D	A	73.9	5.0	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	14.3	1.8	23.0	-30.7
9095	4460703.97	5340091.41	504.27	2	D	A	73.9	-5.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	14.9	1.8	22.3	-41.4
9096	4460708.71	5340092.62	504.25	2	D	A	73.9	9.8	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	15.0	1.8	22.3	-25.8
9097	4460671.45	5340083.10	504.40	3	D	A	73.9	-1.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	9.6	-11.3
9098	4460672.48	5340083.37	504.40	3	D	A	73.9	1.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	9.6	-7.8
9099	4460674.21	5340083.81	504.39	3	D	A	73.9	3.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	9.6	-6.4
9100	4460693.26	5340088.67	504.31	3	D	A	73.9	4.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.2	1.8	23.8	-119.5
9101	4460695.22	5340089.17	504.31	3	D	A	73.9	1.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.2	1.8	23.8	-122.7
9102	4460689.03	5340087.59	504.33	3	D	A	73.9	1.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	22.5	-121.2
9103	4460690.99	5340088.09	504.32	3	D	A	73.9	4.3	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	0.2	1.8	23.7	-119.4
9104	4460692.32	5340088.43	504.32	3	D	A	73.9	-13.5	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.2	1.8	23.8	-137.3
9105	4460669.37	5340082.58	504.41	2	D	A	73.9	7.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.3	1.8	8.4	1.8
9106	4460686.84	5340087.03	504.34	2	D	A	73.9	14.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	2.5	1.8	11.4	3.2
9107	4460705.92	5340091.91	504.26	2	D	A	73.9	9.8	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	2.5	1.8	11.6	-2.2
9108	4460712.37	5340093.55	504.24	2	D	A	73.9	5.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	2.7	1.8	11.9	-6.8
9109	4460720.70	5340095.68	504.20	2	D	A	73.9	11.3	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	2.7	1.8	11.9	-1.4
9110	4460728.36	5340097.63	504.17	2	D	A	73.9	3.9	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	3.0	1.8	12.2	-9.6
9111	4460731.59	5340098.46	504.16	2	D	A	73.9	6.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	3.0	1.8	12.2	-7.2
9112	4460682.18	5340085.85	504.36	3	D	A	73.9	11.3	0.9	3.0	0.0	68.5	1.8	4.6	0.0	0.0	0.4	1.8	9.8	2.1
9113	4460690.45	5340087.96	504.33	3	D	A	73.9	5.5	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	0.1	1.8	9.4	-2.9
9114	4460697.28	5340089.70	504.30	3	D	A	73.9	10.2	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	1.2	1.8	11.1	-1.0
9115	4460705.63	5340091.83	504.26	3	D	A	73.9	8.3	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	2.0	1.8	12.2	-4.6
9116	4460709.97	5340092.94	504.25	3	D	A	73.9	3.5	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	2.2	1.8	12.4	-9.7
9117	4460729.82	5340098.01	504.17	3	D	A	73.9	-5.3	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	1.0	1.8	20.5	-25.2
9118	4460731.60	5340098.46	504.16	3	D	A	73.9	5.3	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	1.0	1.8	20.5	-14.7
9119	4460727.77	5340097.48	504.17	3	D	A	73.9	6.2	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.9	1.8	20.4	-13.6
9120	4460714.80	5340094.17	504.23	2	D	A	73.9	9.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.7	1.9	45.0	-36.9
9121	4460722.68	5340096.18	504.19	2	D	A	73.9	8.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.0	1.9	46.4	-39.6
9122	4460727.16	5340097.33	504.18	2	D	A	73.9	2.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.0	1.9	46.6	-45.7
9123	4460729.30	5340097.87	504.17	2	D	A	73.9	4.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.0	1.9	46.6	-44.4
9124	4460732.09	5340098.59	504.16	2	D	A														

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
9129	4460695.21	5340089.17	504.31	3	D	A	73.9	10.2	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.7	1.8	10.0	1.5
9130	4460708.11	5340092.46	504.25	3	D	A	73.9	12.1	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.7	1.8	10.0	3.7
9131	4460698.90	5340090.11	504.29	1	D	A	73.9	14.5	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.7	1.8	3.4	12.6
9132	4460713.81	5340093.92	504.23	1	D	A	73.9	4.1	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	1.9	1.8	3.5	1.2
9133	4460728.07	5340097.56	504.17	1	D	A	73.9	-5.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.6	1.8	23.4	-30.5
9134	4460729.89	5340098.02	504.17	1	D	A	73.9	5.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.6	1.8	23.4	-20.1
9135	4460724.85	5340096.74	504.19	1	D	A	73.9	3.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.6	1.8	23.4	-22.5
9136	4460726.19	5340097.08	504.18	1	D	A	73.9	-1.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.6	1.8	23.4	-26.5
9137	4460727.29	5340097.36	504.18	1	D	A	73.9	1.7	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.6	1.8	23.4	-23.7
9138	4460679.70	5340085.21	504.37	1	D	A	73.9	6.3	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	2.0	1.8	40.8	-34.4
9139	4460675.02	5340084.02	504.39	1	D	A	73.9	3.9	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	3.3	1.8	43.0	-40.3
9140	4460677.09	5340084.55	504.38	1	D	A	73.9	2.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	2.0	1.8	40.8	-38.1
9171	4460729.31	5340061.93	504.21	0	D	A	73.9	11.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	2.1	1.8	0.0	12.7
9172	4460719.48	5340064.01	504.27	0	D	A	73.9	7.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	4.7	1.8	0.0	6.3
9173	4460714.63	5340065.04	504.30	0	D	A	73.9	6.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	5.1	1.8	0.0	4.5
9174	4460712.03	5340065.60	504.31	0	D	A	73.9	0.9	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	5.2	1.8	0.0	-0.9
9175	4460707.76	5340066.50	504.34	0	D	A	73.9	8.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	7.0	1.8	0.0	5.2
9176	4460695.92	5340069.01	504.41	0	D	A	73.9	12.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	7.2	1.8	0.0	8.6
9177	4460686.14	5340071.09	504.47	0	D	A	73.9	5.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	6.9	1.8	0.0	2.0
9178	4460683.90	5340071.57	504.48	0	D	A	73.9	1.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	7.3	1.8	0.0	-2.6
9179	4460731.53	5340061.46	504.20	1	D	A	73.9	9.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	15.1	1.8	20.7	-23.4
9180	4460725.91	5340062.65	504.23	1	D	A	73.9	2.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	15.0	1.8	20.7	-30.8
9181	4460724.98	5340062.85	504.24	1	D	A	73.9	-8.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	15.3	1.8	20.4	-41.5
9182	4460718.82	5340064.15	504.27	1	D	A	73.9	10.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	15.4	1.8	20.4	-22.2
9183	4460711.58	5340065.69	504.32	1	D	A	73.9	3.8	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	15.5	1.8	20.2	-29.3
9184	4460709.05	5340066.23	504.33	1	D	A	73.9	4.4	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	15.5	1.8	20.2	-28.5
9185	4460735.97	5340060.52	504.17	2	D	A	73.9	-1.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.7	1.8	9.2	-10.2
9186	4460735.13	5340060.69	504.18	2	D	A	73.9	0.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.4	1.8	8.7	-7.6
9187	4460733.26	5340061.09	504.19	2	D	A	73.9	7.9	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	1.3	1.8	10.0	-1.3
9188	4460729.31	5340061.93	504.21	2	D	A	73.9	2.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.2	1.8	8.2	-3.6
9189	4460725.67	5340062.70	504.23	2	D	A	73.9	7.5	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	4.2	1.8	13.3	-7.9
9190	4460721.19	5340063.65	504.26	2	D	A	73.9	5.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	4.9	1.8	13.9	-11.0
9191	4460715.06	5340064.95	504.30	2	D	A	73.9	9.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	5.4	1.8	14.2	-7.8
9192	4460705.29	5340067.03	504.35	2	D	A	73.9	10.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	5.5	1.8	14.3	-7.0
9193	4460699.22	5340068.32	504.39	2	D	A	73.9	1.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	5.1	1.8	14.0	-15.3
9194	4460694.73	5340069.27	504.42	2	D	A	73.9	8.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	4.6	1.8	13.6	-6.9
9195	4460689.83	5340070.31	504.45	2	D	A	73.9	3.5	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	4.3	1.8	13.4	-11.7
9196	4460686.01	5340071.12	504.47	2	D	A	73.9	7.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.8	1.8	13.8	-8.6
9197	4460716.46	5340064.66	504.29	2	D	A	73.9	1.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	4.4	1.9	51.8	-55.7
9198	4460715.12	5340064.94	504.30	2	D	A	73.9	1.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	4.1	1.9	51.6	-54.5
9199	4460714.26	5340065.12	504.30	2	D	A	73.9	-5.6	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	4.2	1.9	51.6	-61.9
9200	4460712.90	5340065.41	504.31	2	D	A	73.9	4.0	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	4.1	1.9	51.5	-52.1
9201	4460705.38	5340067.01	504.35	2	D	A	73.9	11.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.4	1.9	50.5	-43.3
9202	4460697.83	5340068.61	504.40	2	D	A	73.9	4.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.9	1.9	49.6	-48.7
9203	4460695.90	5340069.02	504.41	2	D	A	73.9	1.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	2.8	1.9	49.3	-51.1
9204	4460694.75	5340069.26	504.42	2	D	A	73.9	0.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	2.7	1.9	49.2	-52.2
9205	4460692.32	5340069.78	504.43	2	D	A	73.9	6.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	3.4	1.9	50.3	-48.1
9206	4460688.02	5340070.69	504.46	2	D	A	73.9	6.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	2.6	1.9	48.8	-44.8
9207	4460733.58	5340061.02	504.19	2	D	A	73.9	7.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	2.3	1.8	11.1	-2.9
9208	4460725.81	5340062.67	504.23	2	D	A	73.9	10.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	1.9	1.8	10.4	1.0
9209	4460720.46	5340063.81	504.26	2	D	A	73.9	-2.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	4.5	1.8	13.3	-16.7
9210	4460719.55	5340064.00	504.27	2	D	A	73.9	0.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.8	1.8	9.0	-5.7
9211	4460714.94	5340064.98	504.30	2	D	A	73.9	9.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	6.4	1.8	14.5	-8.5
9212	4460708.13	5340066.42	504.34	2	D	A	73.9	7.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	6.9	1.8	14.8	-10.8
9213	4460697.96	5340068.58	504.40	2	D	A	73.9	5.4	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	3.5	1.8	42.0	-36.8
9214	4460694.96	5340069.22	504.42	2	D	A	73.9	4.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	3.5	1.8	42.0	-38.0
9215	4460734.39	5340060.85	504.18	2	D	A	73.9	2.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	3.3	1.8	44.6	-43.6
9216	4460733.17	5340061.11	504.19	2	D	A	73.9	-1.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	3.3	1.8	44.6	-47.6
9217	4460732.50	5340061.25	504.19	2	D	A	73.9	-1.8	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	3.3	1.8	44.6	-47.8
9218	4460694.13	5340069.40	504.42	1	D	A	73.9	8.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	1.8	1.8	16.2	-108.0
9219	4460690.14	5340070.24	504.44	1	D	A	73.9	4.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	1.9	1.8	15.8	-111.3
9220	4460686.89	5340070.93	504.46	1	D	A	73.9	5.8	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	3.1	1.8	17.9	-113.3
9293	4460682.82	5340071.76	504.49	0	D	A	73.9	-0.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	7.3	1.8	0.0	-3.9
9294	4460681.50	5340071.95	504.49	0	D	A	73.9													

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
9299	4460662.52	5340074.63	504.52	0	D	A	73.9	5.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	6.3	1.8	0.0	3.1
9300	4460654.09	5340075.82	504.54	0	D	A	73.9	11.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.3	1.8	0.0	10.9
9301	4460647.23	5340076.79	504.55	0	D	A	73.9	-3.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.0	1.8	0.0	-2.9
9302	4460683.25	5340071.70	504.48	2	D	A	73.9	-10.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.9	1.8	13.8	-26.8
9303	4460673.72	5340073.05	504.50	2	D	A	73.9	12.8	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	3.8	1.8	12.9	-1.2
9304	4460657.83	5340075.30	504.53	2	D	A	73.9	11.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.4	1.8	8.4	5.1
9350	4460738.09	5340100.18	504.14	0	D	A	73.9	9.6	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	4.6	1.8	0.0	7.7
9351	4460743.53	5340101.64	504.13	0	D	A	73.9	3.1	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	2.4	1.8	0.0	3.4
9352	4460747.91	5340102.81	504.12	0	D	A	73.9	8.5	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	2.4	1.8	0.0	8.6
9353	4460754.90	5340104.69	504.10	0	D	A	73.9	8.7	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	2.1	1.8	0.0	9.1
9354	4460759.76	5340106.00	504.09	0	D	A	73.9	4.2	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	13.3	1.8	0.0	-6.7
9355	4460766.65	5340107.85	504.08	0	D	A	73.9	10.7	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	13.2	1.8	0.0	-0.3
9356	4460741.71	5340101.15	504.13	1	D	A	73.9	6.9	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	15.1	1.8	20.9	-27.3
9357	4460746.06	5340102.32	504.12	1	D	A	73.9	6.2	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	15.1	1.8	21.0	-28.0
9358	4460754.17	5340104.50	504.11	1	D	A	73.9	11.0	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	15.0	1.8	21.1	-23.3
9359	4460764.93	5340107.38	504.08	1	D	A	73.9	9.8	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	17.0	1.8	19.3	-24.7
9360	4460769.72	5340108.67	504.07	1	D	A	73.9	-5.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	16.9	1.8	19.3	-40.3
9361	4460771.06	5340109.03	504.07	1	D	A	73.9	4.0	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	16.9	1.8	19.3	-30.7
9362	4460741.19	5340101.01	504.13	2	D	A	73.9	11.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	2.9	1.8	12.2	-1.5
9363	4460755.67	5340104.90	504.10	2	D	A	73.9	11.6	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	2.5	1.8	11.7	-1.2
9364	4460763.70	5340107.05	504.09	2	D	A	73.9	3.5	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	12.6	1.8	16.1	-23.8
9365	4460768.09	5340108.23	504.08	2	D	A	73.9	8.3	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	12.6	1.8	16.1	-19.1
9366	4460771.83	5340109.24	504.07	2	D	A	73.9	-0.3	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	12.5	1.8	16.2	-27.8
9367	4460734.47	5340099.20	504.15	2	D	A	73.9	2.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.0	1.9	46.7	-46.3
9368	4460747.54	5340102.71	504.12	2	D	A	73.9	14.0	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.9	1.9	47.0	-35.0
9369	4460762.22	5340106.66	504.09	2	D	A	73.9	7.0	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.9	1.9	47.3	-42.4
9370	4460764.92	5340107.38	504.08	2	D	A	73.9	-2.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.9	1.9	47.5	-52.1
9371	4460766.38	5340107.78	504.08	2	D	A	73.9	3.9	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.9	1.9	47.4	-45.6
9372	4460767.82	5340108.16	504.08	2	D	A	73.9	-3.0	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	11.2	1.9	52.0	-67.5
9373	4460769.31	5340108.56	504.07	2	D	A	73.9	4.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	11.2	1.9	52.1	-60.4
9374	4460736.84	5340099.84	504.14	2	D	A	73.9	8.2	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	4.6	1.8	13.6	-7.5
9375	4460746.64	5340102.47	504.12	2	D	A	73.9	11.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	4.2	1.8	13.2	-3.6
9376	4460754.26	5340104.52	504.11	2	D	A	73.9	3.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	8.1	-2.8
9377	4460755.77	5340104.93	504.10	2	D	A	73.9	0.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	2.0	1.8	10.8	-10.3
9378	4460756.91	5340105.23	504.10	2	D	A	73.9	1.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.4	1.8	8.5	-5.3
9379	4460746.74	5340102.50	504.12	2	D	A	73.9	-4.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	3.5	1.8	44.6	-50.8
9380	4460748.67	5340103.02	504.12	2	D	A	73.9	5.6	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	3.4	1.8	44.6	-40.4
9381	4460746.47	5340102.43	504.12	2	D	A	73.9	-1.0	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	3.5	1.8	44.6	-47.1
9382	4461096.09	5339923.83	504.21	0	D	A	73.9	9.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	8.6	1.8	0.0	0.3
9383	4461100.00	5339921.18	504.20	0	D	A	73.9	1.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	9.2	1.8	0.0	-7.4
9384	4461102.94	5339919.20	504.20	0	D	A	73.9	7.5	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	9.2	1.8	0.0	-1.8
9385	4461106.13	5339917.04	504.19	0	D	A	73.9	3.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	9.2	1.8	0.0	-6.1
9386	4461112.39	5339912.80	504.19	0	D	A	73.9	11.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	8.3	1.9	0.0	2.7
9387	4461119.77	5339907.82	504.18	0	D	A	73.9	6.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	8.2	1.9	0.0	-1.7
9388	4461123.65	5339905.19	504.18	0	D	A	73.9	6.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	8.2	1.9	0.0	-1.9
9389	4461136.91	5339896.23	504.16	0	D	A	73.9	14.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	8.8	1.9	0.0	5.2
9390	4461105.39	5339917.54	504.20	1	D	A	73.9	-7.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	2.4	1.9	22.6	-32.5
9391	4461110.50	5339914.08	504.19	1	D	A	73.9	10.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	2.6	1.9	23.0	-14.9
9392	4461119.91	5339907.72	504.18	1	D	A	73.9	10.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	1.4	1.9	20.8	-12.3
9393	4461125.75	5339903.77	504.17	1	D	A	73.9	5.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.9	1.9	21.9	-18.6
9394	4461128.59	5339901.85	504.17	1	D	A	73.9	5.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.8	1.9	21.8	-18.8
9395	4461139.12	5339894.73	504.16	1	D	A	73.9	13.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.5	1.9	23.0	-12.6
9413	4461011.40	5339968.96	504.03	0	D	A	73.9	3.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.4	1.8	0.0	-4.7
9414	4461007.99	5339971.00	504.02	0	D	A	73.9	7.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.4	1.8	0.0	0.1
9415	4461003.11	5339973.93	504.00	0	D	A	73.9	7.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.8	1.8	0.0	-0.7
9416	4460995.37	5339978.57	503.98	0	D	A	73.9	11.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.8	1.8	0.0	3.1
9417	4460989.31	5339982.19	503.96	0	D	A	73.9	1.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	7.7	1.8	0.0	-5.1
9418	4460988.68	5339982.57	503.96	0	D	A	73.9	-19.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.0	1.8	0.0	-21.1
9419	4460987.56	5339983.24	503.96	0	D	A	73.9	4.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.6	1.8	0.0	3.5
9420	4460985.20	5339984.66	503.95	0	D	A	73.9	4.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.5	1.8	0.0	4.0
9421	4460981.56	5339986.84	503.94	0	D	A	73.9	7.4	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	1.4	1.8	0.0	7.0
9422	4460975.30	5339990.59	503.92	0	D	A	73.9	9.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.9	1.8	0.0	8.7
9423	4460975.58	5339990.43	503.92	1	D	A	73.9	9.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	14.9	1.8	13.0	-17.7
9424	4461012.22	5339968.47	504.03	3	D	A	73.9	-11.7	0.											

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
9429	4461002.38	5339974.36	504.00	3	D	A	73.9	2.4	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.9	1.9	22.1	-21.5
9430	4461001.44	5339974.93	504.00	3	D	A	73.9	-3.2	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.2	1.9	22.8	-28.0
9431	4460992.13	5339980.51	503.97	3	D	A	73.9	13.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.4	1.9	20.5	-8.5
9432	4460982.23	5339986.44	503.94	3	D	A	73.9	2.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.3	1.9	20.2	-18.4
9433	4460979.80	5339987.89	503.94	3	D	A	73.9	5.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	19.5	-14.6
9434	4460978.09	5339988.92	503.93	3	D	A	73.9	-6.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	19.5	-26.6
9435	4460629.99	5340052.96	504.54	0	D	A	73.9	0.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.3	1.8	0.0	2.1
9436	4460631.36	5340042.81	504.57	0	D	A	73.9	12.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.0	1.8	0.0	12.5
9437	4460631.39	5340042.59	504.57	2	D	A	73.9	12.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.6	1.8	8.6	7.0
9438	4460629.98	5340053.00	504.54	3	D	A	73.9	0.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.5	1.8	9.5	-6.3
9439	4460630.50	5340049.18	504.55	3	D	A	73.9	8.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.5	1.8	9.5	1.3
9440	4460629.92	5340053.45	504.54	1	D	A	73.9	-6.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.4	1.8	12.0	-18.5
9441	4460630.32	5340050.47	504.55	1	D	A	73.9	7.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.4	1.8	12.0	-4.6
9442	4460631.00	5340042.56	504.56	0	D	A	73.9	12.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.0	1.8	0.0	12.4
9443	4460629.64	5340052.68	504.54	0	D	A	73.9	2.0	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	3.3	1.8	0.0	3.2
9444	4460631.03	5340042.37	504.57	2	D	A	73.9	12.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.6	1.8	8.6	6.9
9445	4460630.09	5340049.32	504.55	3	D	A	73.9	8.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.5	1.8	9.5	1.3
9446	4460629.59	5340053.02	504.54	3	D	A	73.9	-0.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.5	1.8	9.5	-7.4
9447	4460629.91	5340050.63	504.54	1	D	A	73.9	7.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.4	1.8	12.0	-4.6
9453	4460646.45	5340077.12	504.54	0	D	A	73.9	4.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.0	1.8	0.0	5.8
9454	4460656.87	5340079.57	504.48	0	D	A	73.9	12.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	4.2	1.8	0.0	12.3
9455	4460666.10	5340081.74	504.42	0	D	A	73.9	-2.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	5.9	1.8	0.0	-4.4
9456	4460660.06	5340080.32	504.46	2	D	A	73.9	11.1	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.4	1.8	8.4	5.1
9470	4460783.53	5340111.98	504.03	0	D	A	73.9	13.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	13.2	1.8	0.0	2.5
9471	4460772.59	5340109.43	504.07	1	D	A	73.9	-1.9	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	16.9	1.8	19.3	-36.6
9472	4460783.84	5340112.06	504.03	1	D	A	73.9	13.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	16.9	1.8	19.4	-21.4
9473	4460776.75	5340110.40	504.05	2	D	A	73.9	9.6	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	12.5	1.8	16.2	-17.9
9474	4460782.88	5340111.83	504.03	2	D	A	73.9	5.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	12.5	1.8	16.2	-22.3
9475	4460789.66	5340113.42	504.01	2	D	A	73.9	10.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	12.6	1.8	16.2	-17.5
9476	4460821.49	5340113.45	503.86	0	D	A	73.9	-0.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.7	1.8	0.0	0.9
9477	4460822.07	5340113.02	503.86	0	D	A	73.9	-3.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	8.0	1.8	0.0	-9.5
9478	4460828.56	5340108.26	503.87	0	D	A	73.9	11.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	13.8	1.8	0.0	-0.2
9479	4460836.37	5340102.54	503.88	0	D	A	73.9	5.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	9.2	1.8	0.0	-1.8
9480	4460839.21	5340100.46	503.88	0	D	A	73.9	5.2	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.6	1.8	0.0	6.2
9481	4460841.00	5340099.14	503.88	0	D	A	73.9	0.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.9	1.8	0.0	1.4
9482	4460821.12	5340113.72	503.86	1	D	A	73.9	-12.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	16.2	1.8	20.4	-48.0
9483	4460821.75	5340113.26	503.86	1	D	A	73.9	1.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	14.8	1.8	21.8	-33.8
9484	4460822.67	5340112.58	503.86	1	D	A	73.9	-1.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	16.9	1.8	19.7	-36.5
9485	4460826.04	5340110.11	503.86	1	D	A	73.9	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	17.0	1.8	19.6	-26.8
9486	4460831.17	5340106.35	503.87	1	D	A	73.9	7.1	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	17.1	1.8	19.5	-28.5
9487	4460834.27	5340104.08	503.87	1	D	A	73.9	4.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	16.1	1.8	20.5	-31.7
9488	4460836.99	5340102.08	503.88	1	D	A	73.9	6.3	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	15.9	1.8	11.8	-20.5
9489	4460840.09	5340099.81	503.88	1	D	A	73.9	5.4	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	14.6	1.8	13.1	-21.4
9490	4460821.18	5340113.68	503.86	3	D	A	73.9	-7.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.7	1.8	44.2	-65.2
9491	4460821.48	5340113.45	503.86	3	D	A	73.9	-2.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	14.7	1.8	44.2	-60.6
9492	4460821.27	5340113.61	503.86	1	D	A	73.9	-3.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.7	1.8	12.7	-115.5
9493	4460821.83	5340113.20	503.86	1	D	A	73.9	-0.1	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	8.0	1.8	19.8	-126.3
9494	4460828.46	5340108.34	503.87	1	D	A	73.9	11.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	13.8	1.8	14.2	-114.5
9495	4460821.13	5340113.71	503.86	2	D	A	73.9	-10.4	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	8.1	1.8	20.8	-137.6
9496	4460821.75	5340113.25	503.86	2	D	A	73.9	2.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	9.7	1.8	16.6	-24.2
9497	4460822.48	5340112.72	503.86	2	D	A	73.9	-7.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	9.7	1.8	16.5	-33.9
9498	4460823.26	5340112.15	503.86	2	D	A	73.9	2.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.9	1.8	15.0	-26.5
9499	4460824.70	5340111.09	503.86	2	D	A	73.9	2.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.0	1.8	15.9	-26.3
9500	4460826.12	5340110.05	503.86	2	D	A	73.9	2.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.3	1.8	15.6	-26.6
9501	4460831.50	5340106.11	503.87	2	D	A	73.9	10.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	13.5	1.8	15.4	-18.3
9502	4460837.06	5340102.03	503.88	2	D	A	73.9	3.4	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	8.8	1.8	16.4	-21.8
9503	4460839.25	5340100.43	503.88	2	D	A	73.9	5.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	8.5	1.8	16.3	-19.8
9504	4460841.02	5340099.13	503.88	2	D	A	73.9	0.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.4	1.8	9.0	-8.9
9505	4460821.12	5340113.72	503.86	1	D	A	73.9	-13.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	8.0	1.8	10.1	-29.6
9506	4461162.48	5339875.40	504.13	0	D	A	73.9	15.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	8.5	1.9	0.0	6.7
9507	4461153.95	5339883.30	504.14	1	D	A	73.9	11.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	2.2	1.9	22.7	-13.7
9508	4461168.14	5339870.17	504.13	1	D	A	73.9	13.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.6	1.9	11.6	-1.3
9517	4460629.77	5340060.16	504.52	0	D	A	73.9	11.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	3.3	1.8	0.0	12.4
9518	4460629.57	5340054.40	504.53	3	D	A</														

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
9529	4460629.96	5340055.10	504.54	1	D	A	73.9	4.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.5	1.8	12.0	-7.4
9560	4460640.91	5340075.45	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.1	1.8	0.0	11.9
9619	4460639.61	5340075.59	504.52	0	D	A	73.9	10.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.2	1.8	0.0	11.3
9643	4460799.48	5340115.07	503.94	0	D	A	73.9	9.8	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	12.8	1.8	0.0	-1.1
9644	4460806.49	5340115.76	503.86	0	D	A	73.9	6.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	11.7	1.8	0.0	-3.3
9645	4460801.78	5340115.30	503.91	1	D	A	73.9	11.5	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	16.8	1.8	19.7	-23.8
9646	4460797.78	5340114.90	503.96	2	D	A	73.9	2.0	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	12.0	1.8	16.6	-26.4
9647	4460799.13	5340115.04	503.94	2	D	A	73.9	0.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	12.1	1.8	16.6	-28.0
9648	4460804.24	5340115.54	503.89	2	D	A	73.9	9.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	11.6	1.8	16.6	-18.5
9649	4460796.91	5340114.82	503.97	2	D	A	73.9	6.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	12.7	1.8	16.1	-21.5
9650	4460632.13	5340070.63	504.49	0	D	A	73.9	9.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.3	1.8	0.0	10.3
9651	4460632.59	5340070.38	504.49	0	D	A	73.9	9.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.3	1.8	0.0	10.3
9713	4460814.82	5340115.69	503.85	0	D	A	73.9	3.9	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	10.7	1.8	0.0	-5.1
9714	4460817.71	5340114.79	503.85	0	D	A	73.9	5.6	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	10.4	1.8	0.0	-3.1
9715	4460819.52	5340114.23	503.85	0	D	A	73.9	-7.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.7	1.8	0.0	-6.3
9716	4460820.35	5340113.97	503.86	0	D	A	73.9	1.9	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.7	1.8	0.0	3.0
9717	4460817.27	5340114.92	503.85	1	D	A	73.9	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	16.2	1.8	20.3	-26.7
9718	4460820.99	5340113.77	503.86	1	D	A	73.9	-6.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	16.2	1.8	20.4	-42.0
9719	4460819.20	5340114.32	503.85	2	D	A	73.9	3.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	15.7	1.8	21.9	-33.0
9720	4460820.66	5340113.87	503.86	2	D	A	73.9	-1.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	14.8	1.8	22.8	-37.6
9721	4460818.62	5340114.50	503.85	3	D	A	73.9	7.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	14.7	1.8	24.0	-30.7
9722	4460814.14	5340115.90	503.84	1	D	A	73.9	0.0	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	10.8	1.8	16.7	-125.7
9723	4460816.70	5340115.10	503.85	1	D	A	73.9	6.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	10.5	1.8	17.1	-119.5
9724	4460819.94	5340114.10	503.85	1	D	A	73.9	3.9	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.7	1.8	12.7	-107.9
9725	4460819.94	5340114.09	503.85	2	D	A	73.9	3.8	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	8.4	1.8	20.5	-123.4
9726	4460816.13	5340115.28	503.85	3	D	A	73.9	7.1	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.6	1.8	15.6	-107.5
9727	4460819.09	5340114.36	503.85	3	D	A	73.9	0.1	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.6	1.8	15.7	-114.7
9728	4460814.86	5340115.67	503.85	2	D	A	73.9	4.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	10.1	1.8	16.6	-22.6
9729	4460818.58	5340114.52	503.85	2	D	A	73.9	7.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.7	1.8	16.5	-19.0
9730	4460817.29	5340114.92	503.85	3	D	A	73.9	-3.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	7.4	1.8	16.9	-28.0
9731	4460818.34	5340114.59	503.85	3	D	A	73.9	2.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.3	1.8	9.9	-7.8
9732	4460820.00	5340114.08	503.85	3	D	A	73.9	2.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	9.6	1.8	17.6	-24.9
9733	4460819.85	5340114.12	503.85	1	D	A	73.9	4.2	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	8.3	1.8	26.0	-28.4
9734	4460816.86	5340115.05	503.85	2	D	A	73.9	7.2	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.6	1.8	38.8	-30.6
9735	4460819.80	5340114.14	503.85	2	D	A	73.9	-0.4	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.6	1.8	38.8	-38.3
9736	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	8.7	1.9	0.0	0.9
9737	4461155.60	5339853.34	503.94	1	D	A	73.9	10.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.0	1.9	12.0	-5.6
9738	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	8.7	1.9	0.0	0.8
9739	4461152.60	5339862.65	503.94	1	D	A	73.9	10.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.1	1.9	12.0	-5.6
9740	4461162.10	5339847.40	503.94	0	D	A	73.9	9.2	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	8.6	1.9	0.0	0.0
9741	4461162.10	5339847.40	503.94	1	D	A	73.9	9.2	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	2.9	1.9	11.9	-6.3
9748	4461169.79	5339846.65	503.90	0	D	A	73.9	9.0	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	8.6	1.9	0.0	-0.2
9749	4461169.79	5339846.65	503.90	1	D	A	73.9	9.0	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	2.8	1.9	11.8	-6.3
9750	4460809.20	5340115.99	503.84	0	D	A	73.9	-0.8	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	11.4	1.8	0.0	-10.4
9751	4460811.64	5340116.02	503.84	0	D	A	73.9	6.1	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	11.1	1.8	0.0	-3.2
9752	4460811.22	5340116.02	503.84	1	D	A	73.9	6.9	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	16.4	1.8	20.1	-28.6
9753	4460811.54	5340116.02	503.84	1	D	A	73.9	6.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	11.1	1.8	16.2	-119.3
9754	4460809.83	5340116.00	503.84	2	D	A	73.9	3.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	10.8	1.8	16.6	-24.1
9755	4460812.27	5340116.03	503.84	2	D	A	73.9	4.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	10.4	1.8	16.6	-22.5
9759	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	8.4	1.9	0.0	-1.3
9760	4461177.73	5339859.46	504.08	1	D	A	73.9	7.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.5	1.9	11.5	-7.0
9761	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	8.4	1.9	0.0	-1.5
9762	4461178.04	5339853.90	504.01	1	D	A	73.9	7.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.6	1.9	11.5	-7.3
9770	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	8.7	1.9	0.0	-2.2
9771	4461151.17	5339869.90	503.99	1	D	A	73.9	7.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.0	1.9	12.0	-8.6
9772	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	8.5	1.9	0.0	-2.1
9773	4461175.48	5339849.34	503.94	1	D	A	73.9	7.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.6	1.9	11.6	-7.9

Immissionspunkt
 Bez.: IO 2a G-Reis 31c
 ID: IO
 X: 4460197.57 m
 Y: 5339800.24 m
 Z: 510.54 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7	4461084.28	5339855.35	504.51	0	D	A	90.2	8.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.5	1.9	0.0	22.7
12	4461076.55	5339858.59	504.51	0	D	A	90.2	9.7	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	1.8	1.9	0.0	23.6
15	4461065.12	5339863.37	504.50	0	D	A	90.2	11.9	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.4	1.9	0.0	27.2
20	4461052.29	5339868.74	504.50	0	D	A	90.2	11.0	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.9	1.9	0.0	26.0
24	4461039.53	5339874.08	504.49	0	D	A	90.2	11.8	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	1.2	1.9	0.0	26.7
29	4461023.39	5339880.84	504.48	0	D	A	90.2	13.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	1.8	1.8	0.0	27.5
34	4461012.55	5339885.37	504.48	0	D	A	90.2	5.7	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	2.3	1.8	0.0	19.8
39	4461009.29	5339886.74	504.48	0	D	A	90.2	5.3	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	2.4	1.8	0.0	19.3
44	4461004.88	5339888.58	504.48	0	D	A	90.2	7.9	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	2.6	1.8	0.0	21.8
49	4460999.31	5339890.92	504.47	0	D	A	90.2	7.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.9	1.8	0.0	21.4
52	4460995.47	5339892.52	504.47	0	D	A	90.2	3.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.6	1.8	0.0	19.9
56	4460989.46	5339895.03	504.47	0	D	A	90.2	10.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.2	1.8	0.0	26.7
60	4460981.91	5339898.20	504.47	0	D	A	90.2	7.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.2	1.8	0.0	24.2
64	4460978.64	5339899.57	504.46	0	D	A	90.2	1.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	0.0	17.8
67	4460972.32	5339902.21	504.46	0	D	A	90.2	10.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	0.0	27.7
70	4460964.98	5339905.28	504.46	0	D	A	90.2	5.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	0.0	22.3
75	4460961.92	5339906.56	504.46	0	D	A	90.2	4.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.4	1.8	0.0	20.6
80	4460956.98	5339908.63	504.46	0	D	A	90.2	8.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.3	1.8	0.0	23.6
85	4460948.43	5339912.21	504.45	0	D	A	90.2	10.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.7	1.8	0.0	24.9
88	4460926.49	5339921.39	504.44	0	D	A	90.2	15.6	0.9	3.0	0.0	68.4	1.8	4.6	0.0	0.0	0.1	1.8	0.0	33.0
91	4460898.41	5339933.14	504.43	0	D	A	90.2	13.8	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.1	1.8	0.0	31.5
94	4460881.53	5339940.20	504.42	0	D	A	90.2	10.9	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	0.0	28.9
97	4460860.37	5339949.06	504.41	0	D	A	90.2	15.2	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	0.0	33.4
100	4460839.75	5339957.69	504.41	0	D	A	90.2	10.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	0.0	28.9
102	4460818.52	5339966.58	504.40	0	D	A	90.2	15.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	0.0	34.2
105	4460800.41	5339974.15	504.39	0	D	A	90.2	6.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	0.0	25.5
107	4460793.07	5339977.23	504.39	0	D	A	90.2	10.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.1	1.8	0.0	29.7
109	4460777.32	5339983.82	504.38	0	D	A	90.2	13.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.1	1.8	0.0	32.9
111	4460765.36	5339988.82	504.37	0	D	A	90.2	5.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	0.0	24.6
113	4460756.83	5339992.39	504.37	0	D	A	90.2	11.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	0.0	31.4
115	4460743.04	5339998.16	504.36	0	D	A	90.2	11.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	0.0	31.4
118	4460735.56	5340001.29	504.36	0	D	A	90.2	2.0	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.3	1.8	0.0	21.8
396	4461017.76	5339883.19	504.48	1	D	A	90.2	6.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.2	1.8	23.5	-100.9
397	4461015.64	5339884.08	504.48	1	D	A	90.2	-9.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	22.4	-115.8
398	4461021.82	5339881.49	504.48	1	D	A	90.2	6.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.2	1.8	24.3	-101.8
399	4461035.20	5339875.89	504.49	1	D	A	90.2	5.8	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.5	1.9	41.5	-20.1
400	4461032.67	5339876.95	504.49	1	D	A	90.2	2.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.4	1.9	41.1	-23.1
401	4461025.78	5339879.84	504.48	1	D	A	90.2	6.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.8	25.2	-103.1
402	4461029.85	5339878.13	504.49	1	D	A	90.2	6.6	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.9	26.2	-103.8
407	4460969.53	5339903.38	504.46	1	D	A	90.2	6.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.2	1.8	4.7	17.9
409	4460965.85	5339904.92	504.46	1	D	A	90.2	6.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	4.7	18.0
410	4460962.98	5339906.12	504.46	1	D	A	90.2	3.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	7.6	12.5
412	4460960.90	5339906.99	504.46	1	D	A	90.2	3.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	7.6	12.9
414	4460954.23	5339909.78	504.45	1	D	A	90.2	10.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	7.4	20.3
419	4460945.82	5339913.30	504.45	1	D	A	90.2	8.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	16.4	8.6
423	4460927.15	5339921.11	504.44	1	D	A	90.2	-1.3	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.6	1.8	20.2	-5.7
428	4460962.08	5339906.49	504.46	3	D	A	90.2	10.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	18.5	9.2
432	4460906.14	5339929.91	504.43	3	D	A	90.2	2.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	18.6	0.7
433	4460905.15	5339930.32	504.43	3	D	A	90.2	-4.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.3	1.8	19.3	-7.5
434	4460904.32	5339930.67	504.43	3	D	A	90.2	1.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.3	1.8	19.1	-1.0
437	4460880.96	5339940.44	504.42	2	D	A	90.2	6.4	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.4	1.8	43.1	-20.8
442	4460989.77	5339894.91	504.47	2	D	A	90.2	7.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	19.8	-96.3
444	4460987.13	5339896.01	504.47	2	D	A	90.2	-1.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	19.6	-104.9
452	4460925.38	5339921.86	504.44	1	D	A	90.2	-2.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	35.8	-21.1
453	4460923.22	5339922.76	504.44	1	D	A	90.2	6.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	35.7	-12.2
455	4460920.74	5339923.80	504.44	1	D	A	90.2	1.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	35.7	-17.3
456	4460919.08	5339924.49	504.44	1	D	A	90.2	3.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	35.6	-14.5

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
459	4460923.97	5339922.45	504.44	2	D	A	90.2	2.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	17.7	1.3
461	4460921.89	5339923.31	504.44	2	D	A	90.2	4.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.3	1.8	18.0	3.3
462	4460920.01	5339924.10	504.44	2	D	A	90.2	0.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	17.9	-0.5
463	4460918.98	5339924.53	504.44	2	D	A	90.2	0.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	17.5	-0.4
464	4460863.27	5339947.85	504.42	1	D	A	90.2	4.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	36.4	-14.6
465	4460861.16	5339948.73	504.41	1	D	A	90.2	2.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	36.4	-17.3
467	4460858.81	5339949.71	504.41	1	D	A	90.2	5.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	36.5	-14.1
477	4461003.86	5339889.01	504.48	1	D	A	90.2	6.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	7.6	14.9
479	4461000.74	5339890.31	504.47	1	D	A	90.2	4.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.3	1.8	7.9	12.2
481	4460997.78	5339891.55	504.47	1	D	A	90.2	5.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	3.1	1.8	11.8	7.3
483	4460995.91	5339892.34	504.47	1	D	A	90.2	-6.5	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	3.2	1.8	12.0	-5.2
485	4460991.79	5339894.06	504.47	1	D	A	90.2	9.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	3.5	1.8	12.3	10.2
487	4461083.93	5339855.50	504.51	2	D	A	90.2	9.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.4	1.9	22.3	0.9
489	4461075.93	5339858.85	504.51	2	D	A	90.2	9.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	8.8	16.4
492	4461033.85	5339876.46	504.49	3	D	A	90.2	0.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	19.1	-2.9
495	4461032.46	5339877.04	504.49	3	D	A	90.2	2.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	19.1	-0.3
497	4461031.34	5339877.51	504.49	3	D	A	90.2	-2.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	19.1	-6.0
499	4461030.09	5339878.03	504.49	3	D	A	90.2	3.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	19.1	0.3
501	4461028.71	5339878.61	504.49	3	D	A	90.2	-0.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	19.1	-4.0
503	4461027.46	5339879.13	504.49	3	D	A	90.2	3.0	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.1	1.9	41.1	-22.1
508	4461008.77	5339886.95	504.48	1	D	A	90.2	8.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	21.7	-97.4
512	4460840.84	5339939.37	504.35	0	D	A	90.2	11.5	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	0.0	30.0
515	4460852.82	5339934.33	504.35	0	D	A	90.2	10.7	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	0.0	29.1
518	4460868.92	5339927.55	504.35	0	D	A	90.2	13.6	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	0.0	31.8
521	4460895.70	5339916.28	504.36	0	D	A	90.2	15.4	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	0.0	33.2
524	4460916.63	5339907.46	504.36	0	D	A	90.2	10.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	7.7	1.8	0.0	20.1
526	4460924.78	5339904.03	504.36	0	D	A	90.2	8.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	6.6	1.8	0.0	19.6
527	4460929.49	5339902.05	504.36	0	D	A	90.2	4.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	4.8	1.8	0.0	17.3
529	4460932.41	5339900.82	504.36	0	D	A	90.2	5.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.8	1.8	0.0	22.0
531	4460939.41	5339897.88	504.36	0	D	A	90.2	10.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.6	1.8	0.0	27.5
533	4460945.42	5339895.34	504.36	0	D	A	90.2	1.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.8	1.8	0.0	17.4
534	4460948.54	5339894.03	504.36	0	D	A	90.2	7.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.6	1.8	0.0	24.0
535	4460955.75	5339891.00	504.37	0	D	A	90.2	10.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	26.7
536	4460961.47	5339888.59	504.37	0	D	A	90.2	3.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.5	1.8	0.0	18.2
540	4460965.13	5339887.05	504.37	0	D	A	90.2	7.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	6.6	1.8	0.0	17.9
543	4460970.43	5339884.81	504.37	0	D	A	90.2	7.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.9	1.8	0.0	18.7
545	4460974.64	5339883.04	504.37	0	D	A	90.2	5.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.5	1.8	0.0	16.5
548	4460977.75	5339881.74	504.37	0	D	A	90.2	5.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.2	1.8	0.0	17.1
549	4460988.07	5339877.39	504.37	0	D	A	90.2	12.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	4.3	1.8	0.0	25.2
551	4461003.45	5339870.92	504.37	0	D	A	90.2	11.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	3.1	1.8	0.0	25.0
553	4461015.60	5339865.80	504.37	0	D	A	90.2	10.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	2.4	1.8	0.0	24.7
555	4461022.95	5339862.71	504.38	0	D	A	90.2	6.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	1.8	1.8	0.0	20.5
788	4460932.86	5339900.63	504.36	1	D	A	90.2	10.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	7.4	20.5
790	4460939.31	5339897.92	504.36	1	D	A	90.2	3.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.3	1.8	4.8	15.7
792	4460941.33	5339897.07	504.36	1	D	A	90.2	3.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.4	1.8	4.9	15.2
793	4460944.10	5339895.90	504.36	1	D	A	90.2	5.9	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	0.4	1.8	4.9	17.9
794	4460947.66	5339894.40	504.36	1	D	A	90.2	5.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.4	1.8	3.3	19.3
795	4460896.72	5339915.85	504.36	1	D	A	90.2	3.5	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	34.9	-13.6
796	4460898.32	5339915.17	504.36	1	D	A	90.2	0.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	34.9	-16.4
797	4460900.96	5339914.06	504.36	1	D	A	90.2	6.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	15.9	8.3
801	4460906.66	5339911.66	504.36	1	D	A	90.2	-1.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	3.6	1.8	23.2	-10.5
802	4460924.72	5339904.06	504.36	1	D	A	90.2	7.9	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.2	1.8	7.4	17.7
803	4460941.32	5339897.07	504.36	3	D	A	90.2	10.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	18.3	9.6
804	4460951.01	5339892.99	504.37	2	D	A	90.2	-2.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	37.6	-22.7
805	4460953.52	5339891.94	504.37	2	D	A	90.2	6.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	37.6	-13.8
806	4460906.54	5339911.71	504.36	3	D	A	90.2	1.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	19.9	-1.8
807	4460907.35	5339911.37	504.36	3	D	A	90.2	-4.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.6	1.8	20.1	-8.5
808	4460908.32	5339910.97	504.36	3	D	A	90.2	2.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	18.5	0.9
811	4460889.43	5339918.92	504.36	2	D	A	90.2	6.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	3.3	1.8	23.9	-3.3
813	4460916.29	5339907.61	504.36	2	D	A	90.2	0.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	8.4	8.8
814	4460917.31	5339907.18	504.36	2	D	A	90.2	0.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.5	1.8	9.1	8.2
815	4460919.14	5339906.41	504.36	2	D	A	90.2	4.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.6	1.8	9.1	12.0
816	4460921.17	5339905.55	504.36	2	D	A	90.2	2.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.3	1.8	8.7	10.2
819	4460879.31	5339923.18	504.35	1	D	A	90.2	5.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8		

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
827	4461001.42	5339871.77	504.37	1	D	A	90.2	6.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.4	1.8	23.4	-100.9
831	4461013.65	5339866.62	504.37	1	D	A	90.2	7.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.9	1.8	19.3	3.4
832	4461005.26	5339870.15	504.37	1	D	A	90.2	6.0	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.5	1.8	24.5	-102.6
833	4461009.19	5339868.50	504.37	1	D	A	90.2	6.5	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.6	1.8	41.5	-19.2
834	4460974.20	5339883.23	504.37	1	D	A	90.2	10.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	5.6	1.8	13.9	8.2
835	4460981.07	5339880.34	504.37	1	D	A	90.2	4.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.9	1.8	8.8	10.9
836	4460984.09	5339879.06	504.37	1	D	A	90.2	6.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	7.5	15.1
837	4461011.82	5339867.39	504.37	3	D	A	90.2	8.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	9.6	14.6
838	4461008.03	5339868.99	504.37	3	D	A	90.2	2.9	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	18.9	0.3
839	4460988.91	5339877.04	504.37	1	D	A	90.2	7.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	38.0	-13.6
840	4460762.09	5339929.21	504.37	0	D	A	90.2	18.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.7	1.8	0.0	37.4
859	4460667.77	5339969.94	504.39	0	D	A	90.2	9.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.2	1.7	0.0	27.2
890	4460666.58	5339957.72	504.40	0	D	A	90.2	1.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	3.8	1.7	0.0	19.5
891	4460666.81	5339956.09	504.39	0	D	A	90.2	2.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.3	1.7	0.0	19.8
892	4460667.23	5339953.05	504.39	0	D	A	90.2	6.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.0	1.7	0.0	24.0
956	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	3.5	1.7	0.0	26.8
1043	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.1	1.7	0.0	26.0
1100	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	4.6	1.8	0.0	25.3
1128	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.8	1.8	0.0	26.0
1163	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	4.1	1.8	0.0	25.7
1208	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.2	1.8	0.0	26.5
1259	4460670.75	5339978.19	504.36	0	D	A	90.2	6.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.4	1.8	0.0	24.3
1261	4460669.27	5339975.03	504.39	0	D	A	90.2	4.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.9	1.7	0.0	22.7
1350	4460681.28	5339927.12	504.36	0	D	A	90.2	8.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.4	1.7	0.0	24.4
1387	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.7	1.8	0.0	26.0
1420	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.1	1.8	0.0	27.5
1450	4460716.54	5339914.54	504.37	1	D	A	90.2	2.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.0	1.8	16.7	5.5
1451	4460685.18	5339923.77	504.35	0	D	A	90.2	5.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.5	1.7	0.0	21.3
1452	4460687.95	5339921.83	504.35	0	D	A	90.2	5.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.9	1.8	0.0	20.6
1492	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.2	1.8	0.0	27.3
1541	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.6	1.8	0.0	26.8
1601	4460701.96	5340004.89	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	1.2	1.8	0.0	28.1
1625	4460691.22	5339919.99	504.34	0	D	A	90.2	6.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.7	1.8	0.0	21.8
1626	4460694.18	5339918.63	504.33	0	D	A	90.2	3.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.0	1.8	0.0	19.8
1652	4460709.45	5340006.00	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.1	1.8	0.0	28.1
1691	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.8	1.8	0.0	27.5
1714	4460718.40	5339914.75	504.38	1	D	A	90.2	3.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.9	1.8	7.8	15.0
1715	4460669.57	5339943.72	504.39	0	D	A	90.2	-4.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.2	1.7	0.0	10.8
1716	4460670.88	5339941.04	504.37	0	D	A	90.2	7.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.4	1.7	0.0	22.6
1796	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.2	1.7	0.0	22.9
1827	4460727.78	5339916.94	504.41	0	D	A	90.2	8.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	1.6	1.8	0.0	27.4
1867	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.9	1.8	0.0	28.1
1896	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	1.0	1.8	0.0	27.9
1940	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.5	1.8	0.0	28.3
1977	4460672.17	5339938.42	504.35	0	D	A	90.2	-6.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.6	1.7	0.0	8.5
1978	4460672.88	5339937.37	504.36	0	D	A	90.2	3.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	7.0	1.7	0.0	18.2
1979	4460674.31	5339935.23	504.36	0	D	A	90.2	4.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.9	1.7	0.0	19.1
2045	4460797.01	5339941.53	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.3	1.8	0.0	28.1
2089	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.2	1.8	0.0	27.3
2136	4460810.69	5339944.31	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	0.0	27.2
2189	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.3	1.8	0.0	27.1
2212	4460817.38	5339944.75	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.2	1.8	0.0	27.0
2255	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.2	1.8	0.0	26.9
2397	4461045.60	5339843.22	504.38	0	D	A	90.2	6.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.6	1.9	0.0	18.2
2401	4461047.51	5339839.99	504.38	0	D	A	90.2	4.5	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.5	1.9	0.0	16.0
2522	4461041.18	5339849.43	504.39	0	D	A	90.2	6.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	4.9	1.9	0.0	17.3
2524	4461043.42	5339846.52	504.38	0	D	A	90.2	5.1	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.8	1.9	0.0	16.4
2581	4461048.71	5339837.68	504.39	0	D	A	90.2	3.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.4	1.9	0.0	15.4
2585	4461050.19	5339834.27	504.40	0	D	A	90.2	7.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	3.3	1.9	0.0	19.7
2703	4461054.65	5339817.01	504.43	0	D	A	90.2	2.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.5	1.9	0.0	15.1
2708	4461055.55	5339814.20	504.44	0	D	A	90.2	6.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.5	1.9	0.0	18.5
2711	4461056.39	5339811.55	504.46	0	D	A	90.2	1.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	6.0	1.9	0.0	11.6
2817	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	3.4	1.9	0.0	21.2
2927	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0					

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3623	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	5.9	1.9	0.0	18.4
3726	4461094.28	5339850.69	504.43	0	D	A	90.2	-11.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.2	1.9	0.0	3.2
3728	4461090.95	5339852.32	504.47	0	D	A	90.2	8.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.2	1.9	0.0	22.9
3847	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.1	1.9	0.0	23.1
3972	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.9	1.9	0.0	22.2
4079	4461106.27	5339843.49	504.40	0	D	A	90.2	2.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.8	1.9	0.0	17.1
4082	4461103.23	5339845.66	504.42	0	D	A	90.2	7.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.9	1.9	0.0	22.0
4209	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.4	1.9	0.0	23.7
4308	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	1.2	1.8	0.0	23.0
4411	4461111.41	5339838.35	504.40	0	D	A	90.2	3.7	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.4	1.9	0.0	18.5
4413	4461108.81	5339841.07	504.40	0	D	A	90.2	7.2	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.8	1.9	0.0	21.7
4483	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.2	1.9	0.0	22.8
4564	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	2.3	1.9	0.0	21.8
4668	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.6	1.9	0.0	23.4
4737	4461036.14	5339854.70	504.39	0	D	A	90.2	3.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	5.4	1.9	0.0	14.0
4739	4461038.42	5339852.51	504.39	0	D	A	90.2	6.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	5.2	1.9	0.0	17.1
4827	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.4	1.9	0.0	23.6
4932	4461031.31	5339858.34	504.38	0	D	A	90.2	3.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.8	1.8	0.0	19.1
4934	4461033.81	5339856.55	504.38	0	D	A	90.2	5.8	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	5.7	1.8	0.0	16.3
5027	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.5	1.9	0.0	22.4
5381	4461117.95	5339816.71	504.40	0	D	A	90.2	0.7	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.5	1.9	0.0	15.4
5386	4461117.90	5339820.42	504.40	0	D	A	90.2	8.0	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.4	1.9	0.0	22.7
5500	4461116.29	5339809.07	504.40	0	D	A	90.2	-8.0	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.5	1.9	0.0	6.7
5501	4461116.78	5339811.13	504.40	0	D	A	90.2	6.1	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.5	1.9	0.0	20.8
5504	4461117.60	5339814.62	504.40	0	D	A	90.2	4.9	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.5	1.9	0.0	19.6
5579	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.7	1.9	0.0	23.1
5654	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.9	1.9	0.0	22.9

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6596	4460744.73	5339848.78	505.13	0	D	A	73.9	6.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	10.0	1.8	0.0	0.6
6598	4460740.33	5339853.82	505.11	0	D	A	73.9	9.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.8	1.8	0.0	4.1
6601	4460736.13	5339858.63	505.09	0	D	A	73.9	5.7	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.6	1.8	0.0	9.5
6604	4460731.46	5339863.98	505.07	0	D	A	73.9	10.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.2	1.8	0.0	13.4
6606	4460726.34	5339869.84	505.05	0	D	A	73.9	7.1	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.3	1.8	0.0	11.3
6609	4460717.44	5339880.03	505.02	0	D	A	73.9	13.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.9	1.8	0.0	17.2
6727	4460745.22	5339848.23	505.13	1	D	A	73.9	4.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	16.3	-8.3
6728	4460731.56	5339863.86	505.07	2	D	A	73.9	8.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	03.4	-92.9
6734	4460736.42	5339858.29	505.09	2	D	A	73.9	0.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.5	1.8	8.6	-6.4
6736	4460735.36	5339859.52	505.09	2	D	A	73.9	3.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.5	1.8	17.6	-12.3
6739	4460734.54	5339860.45	505.09	1	D	A	73.9	0.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.9	1.8	33.5	-29.2
6741	4460733.78	5339861.32	505.08	1	D	A	73.9	0.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	1.0	1.8	33.6	-29.8
6743	4460746.02	5339847.30	505.13	1	D	A	73.9	-3.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.2	1.8	4.4	-5.8
6745	4460745.69	5339847.69	505.13	1	D	A	73.9	-2.1	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.2	1.8	4.4	-4.1
6747	4460742.87	5339850.91	505.12	1	D	A	73.9	9.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.2	1.8	4.4	7.0
6749	4460743.89	5339849.75	505.12	2	D	A	73.9	3.2	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	8.2	-3.0
6750	4460711.08	5339887.32	504.99	1	D	A	73.9	4.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.8	1.8	7.7	0.2
6751	4460745.87	5339847.48	505.13	3	D	A	73.9	-0.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.6	1.8	33.0	-138.5
6752	4460739.95	5339854.26	505.11	3	D	A	73.9	-13.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.6	1.8	13.0	-28.2
6753	4460742.30	5339851.56	505.12	2	D	A	73.9	10.7	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	3.8	1.8	13.2	-5.0
6754	4460736.94	5339857.70	505.10	3	D	A	73.9	9.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.8	1.8	11.9	-3.2
6755	4460739.45	5339854.83	505.11	1	D	A	73.9	1.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	33.9	-30.3
6756	4460742.04	5339851.86	505.12	2	D	A	73.9	2.4	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	09.0	-105.1

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7275	4460747.98	5339891.69	504.77	0	D	A	73.9	11.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	0.0	15.6
7276	4460744.56	5339904.04	504.60	0	D	A	73.9	10.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	1.1	1.8	0.0	13.2
7278	4460742.41	5339911.76	504.49	0	D	A	73.9	7.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.3	1.8	0.0	11.2
7279	4460740.75	5339917.76	504.40	0	D	A	73.9	8.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	1.2	1.8	0.0	11.3

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
6757	4460680.00	5339830.93	505.49	0	D	A	78.7	11.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	3.2	1.7	0.0	18.8
6830	4460680.00	5339830.93	505.49	1	D	A	78.7	11.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.6	1.8	4.7	15.3

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6836	4460680.00	5339830.93	505.49	1	D	A	78.7	11.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	6.7	14.4
6837	4460677.09	5339830.25	505.49	2	D	A	78.7	5.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	7.8	6.5
6838	4460674.04	5339829.54	505.48	2	D	A	78.7	4.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	7.8	5.1
7576	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	2.6	1.7	0.0	16.4
7615	4460691.11	5339831.84	505.34	1	D	A	78.7	9.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	6.7	11.5
7622	4460687.95	5339832.48	505.47	1	D	A	78.7	1.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.8	1.8	3.3	6.6

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6900	4460737.59	5339847.68	505.11	0	D	A	73.9	7.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	11.9	1.8	0.0	-0.2
6901	4460732.82	5339853.08	505.08	0	D	A	73.9	9.5	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	11.9	1.8	0.0	2.0
6902	4460728.62	5339857.82	505.07	0	D	A	73.9	5.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.9	1.8	0.0	8.3
6903	4460723.96	5339863.09	505.04	0	D	A	73.9	10.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.5	1.8	0.0	13.2
6904	4460718.86	5339868.86	505.02	0	D	A	73.9	7.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.5	1.8	0.0	11.2
6905	4460711.28	5339877.44	504.99	0	D	A	73.9	12.5	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.3	1.8	0.0	15.9
7027	4460738.97	5339846.11	505.11	1	D	A	73.9	1.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.9	1.8	16.6	-12.1
7028	4460723.74	5339863.34	505.04	2	D	A	73.9	8.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	04.2	-93.8
7031	4460728.66	5339857.77	505.07	2	D	A	73.9	0.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.4	1.8	17.4	-15.1
7034	4460727.57	5339859.01	505.06	2	D	A	73.9	3.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.4	1.8	17.4	-12.0
7035	4460728.52	5339857.94	505.07	1	D	A	73.9	0.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.6	1.8	19.8	-17.1
7036	4460727.76	5339858.80	505.06	1	D	A	73.9	0.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.7	1.8	37.5	-35.3
7037	4460736.82	5339848.55	505.10	1	D	A	73.9	8.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.2	1.8	4.4	6.8
7039	4460736.53	5339848.87	505.10	2	D	A	73.9	3.2	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	8.2	-2.9
7040	4460707.39	5339881.84	504.97	1	D	A	73.9	7.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.6	1.8	15.6	-3.9
7043	4460738.93	5339846.16	505.11	2	D	A	73.9	1.5	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	5.6	1.8	14.7	-17.5
7044	4460734.56	5339851.11	505.09	3	D	A	73.9	-13.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	3.1	1.8	13.6	-29.3
7045	4460734.26	5339851.45	505.09	2	D	A	73.9	11.1	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	3.1	1.8	12.6	-3.4
7046	4460731.55	5339854.51	505.08	3	D	A	73.9	9.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	2.1	1.8	12.4	-4.0
7048	4460733.37	5339852.45	505.09	1	D	A	73.9	1.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	05.3	-101.8
7050	4460734.73	5339850.91	505.09	2	D	A	73.9	2.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	08.1	-104.2
7628	4460698.47	5339893.99	504.83	0	D	A	73.9	13.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.2	1.8	0.0	15.6
7671	4460704.90	5339884.80	504.95	1	D	A	73.9	2.1	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.7	1.8	15.9	-10.0
8366	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.4	1.8	0.0	9.4
8688	4460691.57	5339903.89	504.70	0	D	A	73.9	-10.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.3	1.8	0.0	-9.8
8689	4460691.15	5339906.84	504.67	0	D	A	73.9	7.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.7	1.8	0.0	7.1

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8127	4460790.22	5339879.61	504.87	0	D	A	73.9	8.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	0.0	11.5
8128	4460799.50	5339884.03	504.86	0	D	A	73.9	11.4	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.2	1.8	0.0	14.4
8240	4460787.57	5339859.43	505.10	0	D	A	73.9	7.9	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	2.9	1.8	0.0	8.5
8243	4460786.39	5339864.08	505.06	0	D	A	73.9	5.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	0.0	8.6
8245	4460785.02	5339869.46	505.01	0	D	A	73.9	8.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	0.0	12.1
8273	4460787.20	5339860.90	505.08	1	D	A	73.9	1.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	3.4	1.8	1.0	0.1
8274	4460786.68	5339862.93	505.07	1	D	A	73.9	4.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.3	1.8	1.0	6.6
8275	4460786.26	5339864.60	505.05	1	D	A	73.9	-2.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	1.0	-0.5
8276	4460785.32	5339868.28	505.02	1	D	A	73.9	8.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	1.0	10.5
8277	4460785.82	5339866.33	505.04	1	D	A	73.9	6.9	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.3	1.8	32.3	-22.3
8278	4460785.53	5339867.46	505.03	2	D	A	73.9	7.0	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.3	1.8	33.3	-23.4
8279	4460787.57	5339859.45	505.10	1	D	A	73.9	8.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.3	1.8	7.1	3.9
8280	4460787.00	5339861.68	505.08	2	D	A	73.9	-0.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	2.2	1.8	10.8	-10.7
8281	4460786.70	5339862.86	505.07	2	D	A	73.9	2.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	2.2	1.8	10.8	-7.7
8285	4460784.28	5339872.35	504.98	1	D	A	73.9	1.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	15.2	-11.5
8286	4460784.16	5339872.82	504.98	2	D	A	73.9	-1.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	16.3	-14.8
8287	4460787.96	5339857.89	505.11	2	D	A	73.9	1.9	0.9	3.0	0.0	68.6	1.8	4.6	0.0	0.0	0.1	1.8	14.3	-111.6
8639	4460809.45	5339887.90	504.82	0	D	A	73.9	8.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.2	1.8	0.0	11.7
8640	4460814.51	5339889.14	504.79	0	D	A	73.9	4.3	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.2	1.8	0.0	7.1
8760	4460784.70	5339874.21	504.96	0	D	A	73.9	3.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	0.0	7.1
8761	4460786.24	5339876.69	504.90	0	D	A	73.9	5.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	0.0	8.6
8779	4460785.78	5339875.94	504.92	2	D	A	73.9	4.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	33.5	-26.4
8780	4460784.36	5339873.66	504.97	2	D	A	73.9	0.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	16.3	-13.2
8781	4460784.83	5339874.41	504.95	2	D	A	73.9	-1.7	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	33.5	-32.6

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7434	4460692.70	5339886.21	504.81	0	D	A	73.9	14.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.4	1.7	0.0	15.2
7476	4460692.06	5339889.19	504.79	3	D	A	73.9	0.7	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	4.9	1.9	53.9	-58.7
7477	4460691.79	5339890.44	504.78	3	D	A	73.9	1.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	4.9	1.9	53.8	-58.0
7478	4460691.55	5339891.61	504.77	3	D	A	73.9	-0.0	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	4.8	1.9	53.8	-59.3
7482	4460691.84	5339890.23	504.78	1	D	A	73.9	9.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.1	1.8	11.0	0.1
7483	4460690.45	5339896.71	504.73	1	D	A	73.9	7.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.7	1.8	12.8	-6.4
7484	4460695.31	5339874.03	504.90	2	D	A	73.9	4.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	31.2	-22.6
8315	4460689.97	5339901.73	504.69	0	D	A	73.9	5.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.9	1.7	0.0	6.0
8316	4460690.44	5339906.69	504.66	0	D	A	73.9	7.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.8	1.8	0.0	7.1
8352	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.4	1.8	0.0	9.4
8425	4460702.61	5339844.17	505.02	0	D	A	73.9	7.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.0	1.8	0.0	10.0
8426	4460701.92	5339848.35	504.98	0	D	A	73.9	5.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.9	1.8	0.0	5.5
8432	4460702.88	5339842.57	505.03	1	D	A	73.9	2.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.4	1.8	3.1	2.5
8433	4460702.32	5339845.95	505.00	1	D	A	73.9	7.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.2	1.8	4.0	4.5
8434	4460701.97	5339848.05	504.99	3	D	A	73.9	-2.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.2	1.8	44.6	-48.1
8435	4460701.87	5339848.70	504.98	3	D	A	73.9	-1.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.6	-47.7
8592	4460703.89	5339860.95	505.76	0	D	A	73.9	8.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.4	1.8	0.0	11.4
8632	4460703.65	5339861.95	505.76	2	D	A	73.9	7.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	06.4	-97.2
8635	4460704.63	5339857.84	505.76	2	D	A	73.9	0.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	16.9	-14.4
8638	4460703.18	5339863.96	505.76	1	D	A	73.9	1.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	30.2	-24.9
8657	4460699.48	5339867.78	505.06	0	D	A	73.9	1.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.4	1.8	0.0	3.8
8658	4460697.34	5339870.45	504.98	0	D	A	73.9	7.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.2	1.8	0.0	9.3
8684	4460699.05	5339868.32	505.04	1	D	A	73.9	4.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.3	1.8	30.7	-22.6
8686	4460697.04	5339870.82	504.97	2	D	A	73.9	6.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	31.1	-20.7
8811	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.4	1.8	0.0	6.8
8834	4460703.39	5339852.39	505.21	1	D	A	73.9	4.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	4.0	1.8	11.5	-6.7
8835	4460702.97	5339864.68	505.75	0	D	A	73.9	-9.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.8	1.8	0.0	-5.9
8836	4460701.41	5339865.99	505.41	0	D	A	73.9	6.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.7	1.8	0.0	9.4
8839	4460702.97	5339864.68	505.75	2	D	A	73.9	-9.3	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	06.5	-114.0
8840	4460701.45	5339865.95	505.42	1	D	A	73.9	6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	30.3	-20.3
8845	4460704.41	5339855.04	505.50	0	D	A	73.9	5.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.4	1.8	0.0	6.8
8846	4460704.72	5339856.97	505.72	0	D	A	73.9	-2.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.0	1.8	0.0	-0.3
8877	4460704.59	5339856.16	505.63	2	D	A	73.9	-0.3	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	16.9	-15.5
8878	4460704.71	5339856.94	505.72	2	D	A	73.9	-1.8	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.2	1.8	16.9	-17.0

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
8493	4460702.43	5339844.16	505.03	0	D	A	67.4	7.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.0	1.8	0.0	3.6
8494	4460700.69	5339851.36	505.00	0	D	A	67.4	9.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.0	1.8	0.0	3.4
8495	4460698.58	5339860.08	504.96	0	D	A	67.4	9.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.7	1.8	0.0	4.0
8496	4460697.15	5339866.01	504.94	0	D	A	67.4	6.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.2	1.7	0.0	1.4
8497	4460695.91	5339871.14	504.91	0	D	A	67.4	8.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.6	1.7	0.0	3.1
8522	4460698.21	5339861.62	504.95	2	D	A	67.4	7.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	2.2	1.8	17.3	-116.6
8523	4460699.61	5339855.83	504.98	2	D	A	67.4	-0.4	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	2.7	1.8	22.6	-30.4
8524	4460699.28	5339857.17	504.97	2	D	A	67.4	2.7	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	2.8	1.8	22.7	-27.4
8525	4460702.82	5339842.54	505.04	1	D	A	67.4	2.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.4	1.8	3.1	-4.0
8526	4460702.02	5339845.82	505.02	1	D	A	67.4	7.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.2	1.8	4.0	-2.0
8527	4460701.53	5339847.87	505.02	3	D	A	67.4	-2.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.3	1.8	44.7	-54.7
8528	4460701.38	5339848.50	505.01	3	D	A	67.4	-1.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.6	1.8	45.7	-54.4
8530	4460698.52	5339860.34	504.96	1	D	A	67.4	11.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.2	1.8	30.6	-22.4
8532	4460696.07	5339870.47	504.92	2	D	A	67.4	9.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	31.2	-24.8
8559	4460696.22	5339869.83	504.92	1	D	A	67.4	9.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	6.7	1.8	23.6	-22.3
8561	4460699.96	5339854.38	504.99	1	D	A	67.4	9.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.8	1.8	12.9	-11.4
8563	4460698.69	5339859.62	504.96	1	D	A	67.4	4.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	6.5	1.8	13.3	-17.1
8719	4460692.47	5339887.07	504.80	0	D	A	67.4	14.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.4	1.7	0.0	8.3
8741	4460692.02	5339889.17	504.79	3	D	A	67.4	0.7	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	5.0	1.9	53.9	-65.3
8742	4460691.76	5339890.43	504.78	3	D	A	67.4	1.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	4.9	1.9	53.8	-64.5
8743	4460691.52	5339891.59	504.77	3	D	A	67.4	-0.0	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	4.8	1.9	53.8	-65.8
8744	4460691.80	5339890.22	504.78	1	D	A	67.4	9.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.1	1.8	11.0	-6.4
8745	4460690.44	5339896.71	504.73	1	D	A	67.4	7.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.7	1.8	12.8	-13.0
8746	4460695.03	5339874.82	504.90	2	D	A	67.4	0.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	31.1	-33.5
8922	4460689.97	5339901.73	504.69	0	D	A	67.4	5.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.9	1.7	0.0	-0.5
8923	4460690.44	5339906.69	504.66	0	D	A	67.4	7.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.8	1.8	0.0	0.6
8942	4460692.35	5339914.28	504.48	0	D	A	67.4	9.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.4	1.8	0.0	2.9

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7329	4460651.09	5339834.73	505.38	0	D	A	72.2	15.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.8	1.7	0.0	13.6
7330	4460650.44	5339853.34	505.53	0	D	A	72.2	7.3	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	3.3	1.7	0.0	8.4
7410	4460650.71	5339845.65	505.47	1	D	A	72.2	9.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.7	1.7	22.7	-14.4
7411	4460650.54	5339850.66	505.51	1	D	A	72.2	-3.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	5.5	1.7	22.6	-26.9
7412	4460651.30	5339828.70	505.34	1	D	A	72.2	8.9	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	3.2	1.7	10.7	-0.8
7413	4460651.12	5339833.89	505.38	1	D	A	72.2	4.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	6.0	1.7	13.1	-10.7
7414	4460651.64	5339818.99	505.26	1	D	A	72.2	-4.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	-7.5
7415	4460651.62	5339819.49	505.27	1	D	A	72.2	-2.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.3	1.7	6.7	-5.3
7416	4460651.62	5339819.55	505.27	2	D	A	72.2	1.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.0	1.8	11.5	-10.0
7417	4460650.69	5339846.27	505.47	3	D	A	72.2	9.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.0	1.8	17.6	-7.7
7418	4460651.61	5339819.67	505.27	2	D	A	72.2	2.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.0	1.8	7.9	-3.6
7419	4460651.47	5339823.68	505.30	2	D	A	72.2	8.0	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.2	1.8	7.9	1.9
7420	4460651.26	5339829.76	505.35	2	D	A	72.2	7.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	7.9	1.5
7421	4460651.14	5339833.34	505.37	2	D	A	72.2	1.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	7.9	-5.0
7422	4460650.56	5339849.95	505.50	3	D	A	72.2	3.7	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.0	1.8	17.6	-13.4
7423	4460650.44	5339853.57	505.53	3	D	A	72.2	6.9	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-10.4
7424	4460650.42	5339853.92	505.53	2	D	A	72.2	6.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.2	1.8	8.1	-0.7
7425	4460651.60	5339819.99	505.27	1	D	A	72.2	3.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.3	1.8	4.5	0.8
7426	4460651.46	5339824.11	505.30	1	D	A	72.2	7.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.3	1.8	4.5	4.7
7428	4460651.36	5339827.05	505.32	3	D	A	72.2	-2.8	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	0.1	1.8	18.1	-21.5
7430	4460651.33	5339827.69	505.33	3	D	A	72.2	-1.2	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	0.1	1.8	18.1	-19.9
7485	4460663.38	5339790.65	505.26	0	D	A	72.2	6.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	3.8	1.7	0.0	6.6
7486	4460659.63	5339799.64	505.26	0	D	A	72.2	11.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.6	1.7	0.0	10.4
7487	4460654.17	5339812.74	505.26	0	D	A	72.2	11.2	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.8	1.7	0.0	9.7
7530	4460664.20	5339788.70	505.26	1	D	A	72.2	-12.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.1	1.7	4.1	-13.1
7531	4460663.16	5339791.17	505.26	1	D	A	72.2	7.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	4.2	6.7
7532	4460656.89	5339806.22	505.26	1	D	A	72.2	14.4	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	4.2	13.7
7533	4460652.78	5339816.08	505.26	2	D	A	72.2	7.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.0	1.8	7.9	1.6
7535	4460663.51	5339790.35	505.26	1	D	A	72.2	5.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.5	1.8	4.6	2.7
7536	4460659.54	5339799.86	505.26	1	D	A	72.2	12.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	4.8	8.8
7538	4460654.82	5339811.20	505.26	2	D	A	72.2	4.1	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	3.2	1.7	11.9	-6.8
7540	4460652.16	5339817.57	505.26	1	D	A	72.2	4.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.3	1.8	4.5	1.3
7541	4460656.89	5339806.22	505.26	2	D	A	72.2	7.7	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	8.1	-0.1
7542	4460655.63	5339809.25	505.26	2	D	A	72.2	-1.4	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.2	1.8	8.1	-9.1
7544	4460663.27	5339790.92	505.26	3	D	A	72.2	6.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	18.4	-12.5
7545	4460662.18	5339793.54	505.26	3	D	A	72.2	-1.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	18.4	-20.4
7805	4460697.95	5339820.25	505.22	0	D	A	72.2	13.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.5	1.7	0.0	14.3
7807	4460700.35	5339808.42	505.27	0	D	A	72.2	3.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	1.3	1.7	0.0	5.7
7809	4460701.18	5339804.36	505.28	0	D	A	72.2	7.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.4	1.7	0.0	8.7
7847	4460696.97	5339825.05	505.21	1	D	A	72.2	10.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	6.7	6.8
7848	4460698.78	5339816.13	505.24	1	D	A	72.2	7.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	6.7	4.0
7849	4460700.36	5339808.38	505.27	1	D	A	72.2	9.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.1	1.8	4.2	8.6
7850	4460699.50	5339812.61	505.25	2	D	A	72.2	8.1	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	5.2	5.5
7851	4460699.87	5339810.81	505.26	3	D	A	72.2	1.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	31.5	-27.2
7852	4460700.22	5339809.09	505.26	3	D	A	72.2	2.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	31.5	-27.0
7853	4460696.38	5339827.97	505.20	2	D	A	72.2	1.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	7.8	-4.2
7854	4460697.06	5339824.61	505.21	2	D	A	72.2	7.5	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.2	1.8	7.8	2.3
7855	4460698.22	5339818.92	505.23	2	D	A	72.2	7.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	7.8	2.6
7856	4460698.98	5339815.16	505.24	2	D	A	72.2	2.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.1	1.8	7.7	-2.8
7857	4460700.37	5339808.36	505.27	1	D	A	72.2	7.5	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.4	1.8	3.1	6.0
7858	4460701.17	5339804.42	505.28	1	D	A	72.2	3.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.0	1.8	2.9	3.0
7859	4460701.59	5339802.32	505.29	1	D	A	72.2	2.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.8	1.8	3.3	0.6
7860	4460698.13	5339819.34	505.23	1	D	A	72.2	11.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.2	1.8	1.0	11.8
7861	4460699.58	5339812.20	505.25	2	D	A	72.2	-4.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.2	1.8	9.2	-11.3
7863	4460699.85	5339810.89	505.26	2	D	A	72.2	3.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.2	1.8	18.1	-12.4
7865	4460700.44	5339808.01	505.27	3	D	A	72.2	-3.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.8	1.8	18.2	-20.0
7867	4460700.72	5339806.62	505.27	3	D	A	72.2	3.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.8	1.8	18.2	-12.2
7869	4460699.41	5339813.03	505.25	2	D	A	72.2	-1.3	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	16.9	-18.4
7870	4460700.08	5339809.75	505.26	2	D	A	72.2	7.7	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	16.9	-9.4
7871	4460699.96	5339810.34	505.26	3	D	A	72.2	-1.1	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	0.1	1.8	18.0	-19.6
7872	4460700.66	5339806.92	505.27	3	D	A	72.2	7.9	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	0.1	1.8	18.1	-10.6
7873	4460696.12	5339829.23	505.19	1	D	A	72.2	5.4	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	7.2	-1.9
7874	4460696.53	5339827.20	505.20	1	D	A	72.2	-1.9	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	7.2	-9.2
7875	4460696.93	5339825.23	505.21	1	D	A	72.2	5.3	0.9	3.0	0.0	67.9	1.7	4.6						

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8029	4460773.00	5339852.38	505.14	1	D	A	72.2	14.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.4	1.8	4.5	11.7
8032	4460760.42	5339849.54	505.14	1	D	A	72.2	8.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.6	1.8	5.8	2.5
8035	4460755.57	5339848.45	505.15	1	D	A	72.2	3.7	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	4.4	0.1
8039	4460779.97	5339853.95	505.14	2	D	A	72.2	11.9	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.1	1.8	8.3	3.3
8040	4460768.02	5339851.26	505.14	2	D	A	72.2	14.5	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	7.3	1.8	15.4	-8.3
8047	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	1.8	1.7	0.0	15.6
8078	4460675.84	5339783.20	505.47	3	D	A	72.2	-8.3	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.9	1.8	39.5	-48.2
8079	4460727.16	5339841.13	505.15	0	D	A	72.2	14.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.0	1.8	0.0	16.1
8122	4460733.48	5339842.92	505.15	1	D	A	72.2	11.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.0	1.8	16.9	-3.9
8123	4460736.81	5339843.87	505.14	1	D	A	72.2	8.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.2	1.8	4.4	4.5
8124	4460723.80	5339840.18	505.16	1	D	A	72.2	13.0	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	7.1	6.3
8125	4460731.06	5339842.24	505.15	2	D	A	72.2	12.8	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	6.6	1.8	15.2	-9.6
8126	4460718.06	5339838.55	505.16	2	D	A	72.2	9.1	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	6.6	1.8	15.3	-13.7
8333	4460820.20	5339865.26	505.10	0	D	A	72.2	6.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.1	1.8	0.0	-0.2
8334	4460810.38	5339861.30	505.13	0	D	A	72.2	12.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	1.7	1.8	0.0	11.7
8350	4460812.57	5339862.18	505.12	1	D	A	72.2	13.3	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.2	1.8	4.4	9.8
8351	4460818.84	5339864.71	505.11	2	D	A	72.2	8.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	16.4	-6.6
8388	4460699.52	5339835.94	505.12	0	D	A	72.2	11.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.2	1.7	0.0	12.1
8405	4460702.10	5339839.37	505.08	1	D	A	72.2	5.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.3	1.8	3.1	4.4
8406	4460697.47	5339833.20	505.16	1	D	A	72.2	7.5	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	7.2	0.3
8407	4460695.91	5339831.13	505.19	2	D	A	72.2	-17.6	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.3	1.8	17.2	-35.0
8408	4460695.84	5339831.03	505.19	2	D	A	72.2	-6.5	0.9	3.0	0.0	67.9	1.7	4.6	0.0	0.0	0.1	1.8	16.8	-23.4
8413	4460699.52	5339835.94	505.12	1	D	A	72.2	11.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	6.7	6.8
8436	4460749.71	5339847.08	505.14	0	D	A	72.2	9.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	7.2	1.8	0.0	5.0
8437	4460742.59	5339845.39	505.14	0	D	A	72.2	7.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	0.0	8.7
8441	4460745.30	5339846.03	505.14	1	D	A	72.2	10.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	16.3	-4.4
8444	4460747.29	5339846.50	505.14	1	D	A	72.2	11.7	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	0.2	1.8	4.4	7.9
8447	4460743.63	5339845.64	505.14	2	D	A	72.2	8.5	0.9	3.0	0.0	68.3	1.8	4.6	0.0	0.0	6.6	1.8	15.2	-13.7
8449	4460744.02	5339845.73	505.14	3	D	A	72.2	8.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	6.4	1.8	32.0	-130.9
8451	4460750.59	5339847.29	505.14	2	D	A	72.2	9.0	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	6.7	1.8	15.2	-13.3
8457	4460708.71	5339839.19	505.11	0	D	A	72.2	10.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	1.7	1.8	0.0	12.0
8482	4460704.64	5339840.50	505.07	1	D	A	72.2	4.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.4	1.8	3.1	2.9
8483	4460711.34	5339838.35	505.14	1	D	A	72.2	7.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	7.2	0.7
8567	4460795.10	5339856.93	505.14	0	D	A	72.2	11.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	2.9	1.8	0.0	10.5
8590	4460790.06	5339856.07	505.13	2	D	A	72.2	7.2	0.9	3.0	0.0	68.2	1.8	4.6	0.0	0.0	0.1	1.8	8.3	-1.6
8591	4460795.10	5339856.93	505.14	1	D	A	72.2	11.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.3	1.8	4.4	8.7
8705	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	2.0	1.7	0.0	10.7
8708	4460670.36	5339784.84	505.37	1	D	A	72.2	6.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.1	1.7	2.9	6.8
8712	4460669.95	5339784.96	505.36	1	D	A	72.2	4.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.7	1.8	4.7	1.8
8714	4460672.12	5339784.30	505.40	3	D	A	72.2	8.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	1.0	1.8	39.7	-31.3
8747	4460699.63	5339794.70	505.44	0	D	A	72.2	7.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.3	1.7	0.0	8.9
8748	4460698.19	5339791.87	505.49	0	D	A	72.2	-4.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.0	1.7	0.0	-2.9
8782	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	2.8	1.7	0.0	8.6
8803	4460666.33	5339787.05	505.30	1	D	A	72.2	7.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.1	1.7	4.1	6.9
8804	4460668.38	5339785.48	505.34	1	D	A	72.2	-7.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.7	1.8	4.7	-10.2
8805	4460667.20	5339786.39	505.31	1	D	A	72.2	4.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.4	1.8	4.5	1.9
8806	4460665.15	5339787.95	505.27	1	D	A	72.2	3.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.4	1.8	4.5	1.0
8807	4460667.80	5339785.92	505.33	3	D	A	72.2	2.2	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	1.1	1.8	40.0	-38.3
8808	4460665.99	5339787.31	505.29	3	D	A	72.2	4.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.3	1.8	17.2	-11.0
8809	4460664.72	5339788.28	505.27	3	D	A	72.2	-3.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.3	1.8	17.2	-18.8
8810	4460664.89	5339788.15	505.27	3	D	A	72.2	2.3	0.9	3.0	0.0	68.7	1.9	4.6	0.0	0.0	0.1	1.8	18.4	-17.1
8879	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	2.3	1.7	0.0	7.2
8886	4460701.71	5339801.12	505.30	1	D	A	72.2	-2.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.8	1.8	3.3	-4.0
8967	4460821.96	5339868.38	505.07	0	D	A	72.2	2.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	11.8	1.8	0.0	-7.8
8968	4460822.27	5339866.81	505.09	0	D	A	72.2	1.0	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	9.5	1.8	0.0	-7.4
8969	4460822.39	5339866.17	505.10	0	D	A	72.2	-13.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.5	1.8	0.0	-20.8
8970	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0									

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3175	4460873.09	5340022.53	504.02	0	D	A	73.9	4.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	5.5
3178	4460869.69	5340023.47	504.02	0	D	A	73.9	6.5	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	8.0
3181	4460857.32	5340026.90	504.04	0	D	A	73.9	13.3	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	0.0	14.9
3184	4460837.46	5340032.41	504.06	0	D	A	73.9	13.0	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.4	1.8	0.0	14.7
3186	4460808.44	5340040.45	504.09	0	D	A	73.9	16.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	1.5	1.8	0.0	16.9

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3187	4460774.20	5340049.94	504.13	0	D	A	73.9	14.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	0.0	17.6
3189	4460747.81	5340057.25	504.16	0	D	A	73.9	13.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.7	1.8	0.0	16.3
3416	4460810.58	5340039.86	504.09	3	D	A	73.9	4.6	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	0.1	1.8	38.3	-32.8
3419	4460742.34	5340058.77	504.16	2	D	A	73.9	-4.1	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	16.9	-19.5
3421	4460740.79	5340059.20	504.17	2	D	A	73.9	4.5	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	16.9	-10.9
3423	4460811.66	5340039.56	504.09	3	D	A	73.9	9.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	32.8	-124.7
3425	4460737.87	5340060.01	504.17	2	D	A	73.9	5.1	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	16.9	-10.3
3427	4460801.35	5340042.42	504.10	3	D	A	73.9	11.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	31.6	-121.3
3428	4460851.19	5340028.60	504.04	1	D	A	73.9	14.6	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	15.9	0.3
3432	4460777.71	5340048.97	504.12	1	D	A	73.9	6.1	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	0.1	1.8	00.2	-91.6
3435	4460750.20	5340056.59	504.16	2	D	A	73.9	-9.6	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	16.8	-24.8
3438	4460748.73	5340057.00	504.16	2	D	A	73.9	4.7	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	16.8	-10.6
3440	4460839.88	5340031.73	504.05	3	D	A	73.9	-5.2	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	36.6	-143.1
3442	4460835.86	5340032.85	504.06	3	D	A	73.9	9.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	35.9	-128.2
3444	4460753.97	5340055.55	504.15	2	D	A	73.9	8.9	0.9	3.0	0.0	67.8	1.7	4.6	0.0	0.0	0.1	1.8	16.8	-6.3
3448	4460847.79	5340029.54	504.05	3	D	A	73.9	12.1	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	37.6	-126.9
5092	4460639.67	5339955.04	504.89	0	D	A	73.9	4.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	0.0	9.9
5094	4460639.15	5339960.52	504.87	0	D	A	73.9	9.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.1	1.7	0.0	14.9
5095	4460637.91	5339973.67	504.82	0	D	A	73.9	12.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.7	1.7	0.0	13.5
5096	4460634.84	5340006.01	504.70	0	D	A	73.9	16.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	0.0	22.0
5097	4460632.47	5340030.99	504.60	0	D	A	73.9	5.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	10.3
5098	4460632.29	5340032.93	504.59	0	D	A	73.9	-2.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.4	1.7	0.0	2.5
5244	4460634.20	5340012.82	504.67	1	D	A	73.9	9.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	2.5	11.6
5245	4460639.59	5339955.92	504.89	2	D	A	73.9	6.5	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.1	1.8	36.1	-28.2
5246	4460633.41	5340021.14	504.64	1	D	A	73.9	9.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	2.5	11.6
5249	4460632.67	5340033.06	504.59	0	D	A	73.9	-3.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.4	1.7	0.0	1.1
5251	4460632.85	5340031.19	504.60	0	D	A	73.9	5.2	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	0.0	10.3
5252	4460635.20	5340006.18	504.69	0	D	A	73.9	16.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	0.0	22.0
5253	4460638.23	5339973.80	504.82	0	D	A	73.9	12.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.7	1.7	0.0	13.6
5254	4460639.47	5339960.63	504.87	0	D	A	73.9	9.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.1	1.7	0.0	14.9
5255	4460639.99	5339955.10	504.89	0	D	A	73.9	4.5	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	0.0	10.1
5367	4460634.57	5340012.84	504.67	1	D	A	73.9	9.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	2.5	11.6
5368	4460639.92	5339955.84	504.89	2	D	A	73.9	6.4	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.1	1.8	36.1	-28.4
5371	4460633.79	5340021.15	504.64	1	D	A	73.9	9.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	2.5	11.6
5732	4460844.83	5340096.50	503.89	0	D	A	73.9	9.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.2	1.8	0.0	7.5
5734	4460848.77	5340093.81	503.89	0	D	A	73.9	1.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.4	1.8	0.0	1.6
5736	4460859.63	5340086.39	503.91	0	D	A	73.9	14.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	15.2
5738	4460883.44	5340070.12	503.94	0	D	A	73.9	15.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	16.2
5740	4460903.50	5340056.41	503.97	0	D	A	73.9	12.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	12.9
5742	4460916.74	5340047.36	503.99	0	D	A	73.9	12.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	0.0	12.9
5744	4460924.88	5340041.80	504.00	0	D	A	73.9	5.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	0.0	6.0
5747	4460936.09	5340034.14	504.01	0	D	A	73.9	13.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	0.0	14.3
5748	4460950.77	5340024.11	504.04	0	D	A	73.9	10.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	0.0	11.1
5751	4460957.54	5340019.49	504.04	0	D	A	73.9	6.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	0.0	7.0
5752	4460972.84	5340009.03	504.07	0	D	A	73.9	15.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	15.3
5918	4460868.53	5340080.31	503.92	1	D	A	73.9	2.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	35.4	-31.3
5920	4460871.01	5340078.61	503.92	1	D	A	73.9	6.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	35.6	-28.3
5923	4460870.72	5340078.81	503.92	1	D	A	73.9	10.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	2.5	1.8	22.7	-13.2
5925	4460876.64	5340074.76	503.93	1	D	A	73.9	3.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	16.1	-11.9
5928	4460645.83	5339904.16	505.20	0	D	A	73.9	8.5	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	6.5	1.7	0.0	8.0
5930	4460645.12	5339909.99	505.16	0	D	A	73.9	6.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	7.4	1.7	0.0	5.3
5932	4460643.90	5339919.99	505.10	0	D	A	73.9	11.9	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.9	1.7	0.0	15.9
5934	4460642.84	5339928.70	505.05	0	D	A	73.9	3.2	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	4.9	1.7	0.0	4.2
5936	4460642.38	5339932.47	505.03	0	D	A	73.9	7.4	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	3.9	1.7	0.0	9.4
5938	4460641.36	5339940.87	504.98	0	D	A	73.9	10.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	1.8	1.7	0.0	14.7
5939	4460640.57	5339947.38	504.94	0	D	A	73.9	2.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	1.1	1.7	0.0	7.0
5941	4460640.14	5339950.95	504.92	0	D	A	73.9	7.4	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	0.0	13.0
6108	4460644.46	5339915.37	505.13	1	D	A	73.9	3.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.8	1.7	89.9	-82.7
6109	4460640.44	5339951.00	504.92	0	D	A	73.9	7.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	0.0	12.9
6110	4460640.87	5339947.48	504.94	0	D	A	73.9	2.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	1.1	1.7	0.0	7.0
6111	4460641.65	5339940.96	504.97	0	D	A	73.9	10.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	1.7	1.7	0.0	14.7
6112	4460642.66	5339932.55	505.02	0	D	A	73.9	7.4	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	3.8	1.7	0.0	9.5
6113	4460643.12	5339928.78	505.04	0	D	A	73.9	3.2	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	4.9	1.7	0.0	4.2
6115	4460644.16	5339920.06	505.10	0	D	A	73.9	11.9	0.9	3.0</										

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6191	4461144.35	5339876.13	504.01	0	D	A	73.9	10.0	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.6	1.9	0.0	7.9
6192	4461135.25	5339882.49	504.01	0	D	A	73.9	10.9	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.6	1.9	0.0	8.9
6193	4461123.59	5339890.64	504.01	0	D	A	73.9	12.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	0.0	10.7
6196	4461115.70	5339896.15	504.01	0	D	A	73.9	4.8	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.2	1.9	0.0	3.5
6197	4461113.31	5339897.82	504.01	0	D	A	73.9	4.5	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.2	1.9	0.0	3.2
6198	4461110.06	5339900.09	504.01	0	D	A	73.9	7.1	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.2	1.9	0.0	5.9
6200	4461105.93	5339902.98	504.01	0	D	A	73.9	6.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.2	1.9	0.0	5.7
6201	4461103.09	5339904.97	504.01	0	D	A	73.9	3.1	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.2	1.9	0.0	1.9
6202	4461098.60	5339908.10	504.01	0	D	A	73.9	9.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.2	1.9	0.0	8.4
6203	4461092.93	5339912.07	504.02	0	D	A	73.9	6.9	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	0.0	5.9
6204	4461090.47	5339913.79	504.02	0	D	A	73.9	0.5	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	0.0	-0.5
6205	4461085.67	5339917.14	504.02	0	D	A	73.9	10.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	9.3
6206	4461080.09	5339921.04	504.02	0	D	A	73.9	4.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	4.0
6207	4461077.75	5339922.67	504.02	0	D	A	73.9	4.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	3.4
6208	4461073.95	5339925.33	504.02	0	D	A	73.9	8.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	0.0	7.4
6209	4461067.35	5339929.94	504.02	0	D	A	73.9	9.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	0.0	9.1
6210	4461050.07	5339942.02	504.02	0	D	A	73.9	15.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	0.0	14.6
6211	4461027.65	5339957.69	504.03	0	D	A	73.9	13.4	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.1	1.9	0.0	13.1
6212	4461015.43	5339966.23	504.03	0	D	A	73.9	8.9	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	0.0	8.7
6271	4460675.34	5340084.10	504.39	0	D	A	73.9	12.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.0	1.8	0.0	16.7
6273	4460699.57	5340090.28	504.29	0	D	A	73.9	15.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	0.0	18.5
6275	4460719.60	5340095.40	504.21	0	D	A	73.9	9.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	0.0	13.1
6278	4460728.99	5340097.79	504.17	0	D	A	73.9	9.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.0	1.8	0.0	12.9
6324	4460669.44	5340082.59	504.41	1	D	A	73.9	8.0	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	4.5	5.3
6325	4460673.89	5340083.73	504.39	1	D	A	73.9	4.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	3.1	3.4
6326	4460650.05	5339857.12	505.54	0	D	A	73.9	2.3	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	1.7	1.7	0.0	6.7
6327	4460649.82	5339859.78	505.52	0	D	A	73.9	5.6	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.1	1.7	0.0	11.6
6328	4460648.23	5339878.06	505.39	0	D	A	73.9	15.2	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.0	1.7	0.0	21.2
6329	4460646.52	5339897.59	505.24	0	D	A	73.9	7.9	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	6.0	1.7	0.0	7.9
6375	4460648.64	5339873.26	505.42	1	D	A	73.9	8.9	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.1	1.7	6.4	8.4
6376	4460648.10	5339879.44	505.38	1	D	A	73.9	6.7	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	0.2	1.7	6.5	6.0
6422	4460649.99	5339857.84	505.54	3	D	A	73.9	5.0	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-10.6
6424	4460649.66	5339861.64	505.51	3	D	A	73.9	6.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-9.1
6425	4460649.32	5339865.50	505.48	3	D	A	73.9	5.1	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-10.6
6426	4460649.11	5339867.97	505.46	3	D	A	73.9	2.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-13.3
6427	4460649.89	5339858.94	505.53	2	D	A	73.9	7.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.3	1.8	8.2	1.9
6428	4460646.78	5339897.66	505.23	0	D	A	73.9	7.9	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	6.0	1.7	0.0	7.9
6429	4460648.62	5339878.12	505.38	0	D	A	73.9	15.2	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.0	1.7	0.0	21.2
6430	4460650.34	5339859.84	505.53	0	D	A	73.9	5.6	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.1	1.7	0.0	11.6
6431	4460650.58	5339857.22	505.55	0	D	A	73.9	2.1	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	1.7	1.7	0.0	6.6
6536	4460648.48	5339879.59	505.37	1	D	A	73.9	6.7	0.9	3.0	0.0	64.3	1.3	4.5	0.0	0.0	0.2	1.7	6.5	6.0
6537	4460649.06	5339873.43	505.42	1	D	A	73.9	8.9	0.9	3.0	0.0	64.2	1.3	4.5	0.0	0.0	0.1	1.7	6.4	8.3
6590	4460649.54	5339868.28	505.46	3	D	A	73.9	2.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	17.7	-13.3
6591	4460649.77	5339865.81	505.48	3	D	A	73.9	5.1	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-10.6
6592	4460650.14	5339861.97	505.51	3	D	A	73.9	6.5	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-9.1
6593	4460650.50	5339858.07	505.54	3	D	A	73.9	5.2	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	17.6	-10.3
6594	4460650.42	5339858.96	505.53	2	D	A	73.9	7.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.3	1.8	8.2	1.7
6839	4460970.31	5339993.25	503.91	0	D	A	73.9	3.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.2	1.8	0.0	3.9
6840	4460945.87	5340000.62	503.94	0	D	A	73.9	16.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	0.0	17.4
6841	4460919.60	5340008.54	503.97	0	D	A	73.9	7.9	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.2	1.8	0.0	8.7
6842	4460909.10	5340011.70	503.98	0	D	A	73.9	12.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	13.0
6843	4460887.94	5340018.08	504.00	0	D	A	73.9	14.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	15.8
7057	4460987.31	5339999.13	504.09	0	D	A	73.9	4.1	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.8	0.0	4.2
7063	4460992.91	5339995.25	504.09	0	D	A	73.9	10.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	0.0	10.4
7067	4461010.73	5339982.90	504.11	0	D	A	73.9	15.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	0.0	14.9
7071	4461028.84	5339970.36	504.14	0	D	A	73.9	10.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	10.3
7074	4461042.95	5339960.59	504.15	0	D	A	73.9	13.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	0.0	13.0
7077	4461065.94	5339944.66	504.18	0	D	A	73.9	15.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	0.0	14.5
7078	4461083.67	5339932.38	504.20	0	D	A	73.9	9.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	9.0
7079	4461090.25	5339927.82	504.21	0	D	A	73.9	8.0	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	0.0	7.0
7144	4460726.20	5340062.59	504.23	0	D	A	73.9	13.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.8	1.8	0.0	15.8
7145	4460711.12	5340065.79	504.32	0	D	A	73.9	10.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.2	1.8	0.0	13.6
7146	4460705.34	5340067.02	504.35	0	D	A	73.9	2.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.2	1.8	0.0	5.8
7147	4460701.81	5340067.77	504.37	0	D	A	73.9	7.5	0.9	3.0	0.0	66.1	1.5	4.6	0.					

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
7206	4460733.93	5340060.95	504.18	2	D	A	73.9	6.9	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	16.9	-8.6
7207	4460682.00	5340071.88	504.49	0	D	A	73.9	4.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.1	1.8	0.0	8.1
7208	4460678.79	5340072.33	504.49	0	D	A	73.9	5.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	0.0	9.8
7209	4460670.42	5340073.52	504.51	0	D	A	73.9	11.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	0.0	15.2
7210	4460655.50	5340075.63	504.54	0	D	A	73.9	12.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	0.0	16.8
7270	4460670.59	5340073.49	504.51	1	D	A	73.9	14.1	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	4.5	11.4
7273	4460652.47	5340076.05	504.54	1	D	A	73.9	10.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	4.5	7.5
7546	4460737.41	5340099.99	504.14	0	D	A	73.9	8.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.0	1.8	0.0	11.9
7548	4460756.73	5340105.18	504.10	0	D	A	73.9	15.1	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.0	1.8	0.0	17.7
7574	4460739.52	5340100.56	504.14	1	D	A	73.9	5.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.2	1.8	98.8	-91.1
7575	4460736.38	5340099.72	504.14	1	D	A	73.9	5.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.2	1.8	32.3	-23.9
7672	4460630.39	5340050.01	504.55	0	D	A	73.9	8.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.1	1.7	0.0	13.6
7673	4460631.28	5340043.44	504.57	0	D	A	73.9	7.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.1	1.7	0.0	13.0
7674	4460632.17	5340036.85	504.58	0	D	A	73.9	8.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.5	1.7	0.0	13.3
7754	4460630.52	5340049.04	504.55	1	D	A	73.9	5.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	6.7	3.6
7755	4460631.18	5340044.14	504.56	1	D	A	73.9	7.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.4	1.8	7.1	5.1
7756	4460631.79	5340036.72	504.58	0	D	A	73.9	8.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.4	1.7	0.0	13.4
7757	4460630.91	5340043.24	504.56	0	D	A	73.9	7.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.1	1.7	0.0	13.0
7758	4460630.02	5340049.86	504.55	0	D	A	73.9	8.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.1	1.7	0.0	13.7
7801	4460630.79	5340044.14	504.56	1	D	A	73.9	7.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.4	1.8	7.1	5.1
7802	4460630.13	5340049.04	504.55	1	D	A	73.9	5.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	6.7	3.5
7881	4461093.03	5339925.90	504.21	0	D	A	73.9	-3.0	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	0.0	-4.0
7884	4461094.38	5339924.99	504.21	0	D	A	73.9	4.4	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	0.0	3.4
7888	4461096.83	5339923.33	504.21	0	D	A	73.9	5.0	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	0.0	3.9
7889	4461102.68	5339919.37	504.20	0	D	A	73.9	10.4	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	0.0	9.3
7890	4461107.70	5339915.98	504.19	0	D	A	73.9	0.6	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	0.0	-0.5
7891	4461110.28	5339914.23	504.19	0	D	A	73.9	7.1	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	0.0	5.9
7892	4461116.22	5339910.21	504.18	0	D	A	73.9	9.7	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	0.0	8.4
7893	4461120.93	5339907.03	504.18	0	D	A	73.9	3.2	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	0.0	1.9
7894	4461123.92	5339905.01	504.17	0	D	A	73.9	7.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	0.0	5.7
7895	4461128.24	5339902.08	504.17	0	D	A	73.9	7.3	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.1	1.9	0.0	5.9
7896	4461131.66	5339899.78	504.17	0	D	A	73.9	4.6	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	0.0	3.2
7897	4461134.17	5339898.08	504.16	0	D	A	73.9	5.0	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	0.0	3.5
7898	4461141.88	5339892.86	504.16	0	D	A	73.9	11.9	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	0.1	1.9	0.0	10.4
7914	4460645.82	5340076.97	504.55	0	D	A	73.9	2.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	0.0	6.9
7915	4460656.53	5340079.49	504.48	0	D	A	73.9	13.1	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	0.0	17.3
7926	4460655.68	5340079.29	504.49	1	D	A	73.9	13.4	0.9	3.0	0.0	67.9	1.8	4.6	0.0	0.0	0.1	1.8	4.5	10.5
7928	4461010.52	5339969.48	504.02	0	D	A	73.9	6.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.2	1.8	0.0	5.8
7931	4460994.32	5339979.19	503.98	0	D	A	73.9	15.3	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	0.1	1.8	0.0	15.3
7936	4460975.63	5339990.39	503.92	0	D	A	73.9	9.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.2	1.8	0.0	10.1
8144	4460775.41	5340110.09	504.06	0	D	A	73.9	8.1	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.0	1.8	0.0	10.5
8146	4460786.50	5340112.68	504.02	0	D	A	73.9	12.1	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.0	1.8	0.0	14.3
8148	4460794.62	5340114.57	503.99	0	D	A	73.9	-4.7	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	0.0	-2.7
8160	4460629.55	5340053.83	504.54	0	D	A	73.9	-1.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	3.7
8161	4460629.78	5340060.53	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.1	1.8	0.0	16.0
8186	4460630.17	5340060.56	504.52	0	D	A	73.9	10.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.1	1.8	0.0	15.9
8187	4460629.92	5340054.00	504.54	0	D	A	73.9	-0.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	4.3
8204	4460822.24	5340112.90	503.86	0	D	A	73.9	4.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	6.4	1.8	0.0	-0.2
8205	4460829.68	5340107.44	503.87	0	D	A	73.9	11.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	12.1	1.8	0.0	1.5
8206	4460836.07	5340102.76	503.87	0	D	A	73.9	-6.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	8.2	1.8	0.0	-13.2
8207	4460838.21	5340101.19	503.88	0	D	A	73.9	7.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	5.8	1.8	0.0	2.9
8208	4460840.87	5340099.24	503.88	0	D	A	73.9	1.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	4.3	1.8	0.0	-0.9
8237	4460835.06	5340103.50	503.87	2	D	A	73.9	4.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.8	1.8	27.5	-31.0
8238	4460836.43	5340102.50	503.88	2	D	A	73.9	-5.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	7.6	1.8	28.2	-39.9
8290	4460646.30	5340076.66	504.55	0	D	A	73.9	1.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	0.0	6.2
8291	4460640.18	5340075.28	504.51	0	D	A	73.9	10.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.4	1.8	0.0	14.8
8295	4460642.09	5340075.71	504.52	1	D	A	73.9	10.1	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.1	1.8	4.5	7.0
8296	4460635.96	5340074.34	504.49	1	D	A	73.9	3.8	0.9	3.0	0.0	68.1	1.8	4.6	0.0	0.0	0.1	1.8	4.5	0.6
8297	4461148.72	5339888.13	504.15	0	D	A	73.9	0.7	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	0.0	-0.9
8298	4461153.12	5339884.06	504.14	0	D	A	73.9	10.3	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.1	1.9	0.0	8.7
8299	4461160.31	5339877.41	504.13	0	D	A	73.9	9.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	0.0	7.7
8300	4461167.42	5339870.83	504.13	0	D	A	73.9	10.3	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.3	1.9	0.0	8.3
8301	4461173.68	5339865.04	504.12	0	D	A	73.9	8.1	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	0.0	6.2
8302	4461176.36	5339862.57	504.12	0	D	A	73.9	-0.7	0.9	3.0	0.0	70.8	2.2	4.7	0.0					

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8375	4460632.15	5340070.67	504.49	0	D	A	73.9	9.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	1.2	1.8	0.0	13.1
8417	4460632.80	5340070.74	504.49	0	D	A	73.9	8.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	1.0	1.8	0.0	12.8
8418	4460630.61	5340067.05	504.50	0	D	A	73.9	-0.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.2	1.8	0.0	2.9
8454	4460795.45	5340114.68	503.98	0	D	A	73.9	1.3	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	0.0	3.2
8455	4460796.97	5340114.83	503.97	0	D	A	73.9	2.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	3.7	1.8	0.0	0.7
8456	4460803.31	5340115.45	503.90	0	D	A	73.9	10.4	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	4.8	1.8	0.0	7.6
8841	4460814.61	5340115.75	503.85	0	D	A	73.9	3.0	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	6.3	1.8	0.0	-1.5
8842	4460818.33	5340114.60	503.85	0	D	A	73.9	7.6	0.9	3.0	0.0	67.9	1.7	4.7	0.0	0.0	6.8	1.8	0.0	2.6
8843	4460814.46	5340115.80	503.84	1	D	A	73.9	2.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	6.7	1.8	10.9	-13.7
8844	4460817.60	5340114.82	503.85	1	D	A	73.9	6.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	6.9	1.8	7.9	-6.2
8889	4461156.70	5339851.58	503.96	0	D	A	73.9	7.8	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.2	1.9	0.0	6.0
8890	4461154.01	5339855.89	503.92	0	D	A	73.9	6.2	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.2	1.9	0.0	4.4
8891	4461152.80	5339859.51	503.92	0	D	A	73.9	5.7	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.2	1.9	0.0	4.0
8892	4461152.54	5339863.65	503.95	0	D	A	73.9	6.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.2	1.9	0.0	4.9
8893	4461152.34	5339866.79	503.98	0	D	A	73.9	2.4	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.6	1.9	0.0	0.3
8894	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	5.7	1.8	0.0	3.1
8919	4460813.34	5340116.04	503.84	1	D	A	73.9	-1.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	6.6	1.8	11.0	-17.8
8936	4461164.70	5339846.29	503.92	0	D	A	73.9	4.2	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.2	1.9	0.0	2.4
8937	4461160.88	5339847.92	503.96	0	D	A	73.9	7.5	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.2	1.9	0.0	5.7
8954	4461173.06	5339847.38	503.90	0	D	A	73.9	1.0	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.2	1.9	0.0	-0.9
8955	4461169.18	5339846.51	503.91	0	D	A	73.9	8.3	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.2	1.9	0.0	6.4
8956	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	0.0	5.9
8957	4461178.63	5339856.05	504.04	0	D	A	73.9	1.0	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	0.0	-0.9
8958	4461177.88	5339853.30	504.00	0	D	A	73.9	6.5	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	0.0	4.6
8973	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.6	1.9	0.0	4.9
8974	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.1	1.9	0.0	5.2

Immissionspunkt
 Bez.: IO 3 Tubeuf 18
 ID: IO
 X: 4461057.20 m
 Y: 5339372.46 m
 Z: 510.83 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5	4461078.43	5339857.80	504.51	0	D	A	90.2	13.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.4	1.7	0.0	30.3
10	4461062.05	5339864.66	504.50	0	D	A	90.2	11.9	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	4.4	1.7	0.0	29.1
14	4461053.32	5339868.31	504.50	0	D	A	90.2	5.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.4	1.7	0.0	22.5
16	4461048.17	5339870.47	504.49	0	D	A	90.2	8.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.4	1.7	0.0	25.9
18	4461042.03	5339873.04	504.49	0	D	A	90.2	7.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	7.4	1.7	0.0	21.5
21	4461038.71	5339874.43	504.49	0	D	A	90.2	2.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	7.3	1.7	0.0	16.0
23	4461034.28	5339876.28	504.49	0	D	A	90.2	9.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	7.4	1.8	0.0	23.0
26	4461026.97	5339879.34	504.48	0	D	A	90.2	8.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.9	1.8	0.0	25.3
28	4461015.11	5339884.30	504.48	0	D	A	90.2	12.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.0	1.8	0.0	28.6
31	4461000.73	5339890.32	504.47	0	D	A	90.2	11.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	7.6	1.8	0.0	24.6
33	4460981.73	5339898.27	504.47	0	D	A	90.2	14.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	10.1	1.8	0.0	25.1
36	4460965.95	5339904.88	504.46	0	D	A	90.2	8.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.5	1.8	0.0	19.1
38	4460949.65	5339911.70	504.45	0	D	A	90.2	14.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.2	1.8	0.0	25.8
41	4460936.07	5339917.38	504.45	0	D	A	90.2	-3.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	8.9	1.8	0.0	8.1
43	4460935.73	5339917.52	504.45	0	D	A	90.2	-5.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	8.8	1.8	0.0	5.7
46	4460932.22	5339918.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.8	1.8	0.0	20.1
48	4460928.19	5339920.68	504.44	0	D	A	90.2	1.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.6	1.8	0.0	13.1
51	4460926.38	5339921.43	504.44	0	D	A	90.2	4.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.6	1.8	0.0	15.6
54	4460925.18	5339921.94	504.44	0	D	A	90.2	-9.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.6	1.8	0.0	1.7
57	4460924.14	5339922.37	504.44	0	D	A	90.2	3.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	8.5	1.8	0.0	14.9
59	4460918.82	5339924.60	504.44	0	D	A	90.2	9.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	8.3	1.8	0.0	21.5
62	4460914.49	5339926.41	504.44	0	D	A	90.2	-16.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	9.8	1.8	0.0	-6.6
65	4460908.94	5339928.73	504.43	0	D	A	90.2	10.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	10.4	1.8	0.0	20.4
68	4460901.92	5339931.67	504.43	0	D	A	90.2	5.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.1	1.8	0.0	14.9
71	4460899.32	5339932.76	504.43	0	D	A	90.2	3.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.0	1.8	0.0	13.7
73	4460890.55	5339936.43	504.43	0	D	A	90.2	12.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	11.2	1.8	0.0	20.7
76	4460875.90	5339942.56	504.42	0	D	A	90.2	11.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	9.2	1.8	0.0	22.2
78	4460863.69	5339947.67	504.42	0	D	A	90.2	10.5	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	8.8	1.8	0.0	21.2
81	4460857.15	5339950.41	504.41	0	D	A	90.2	4.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	8.9	1.8	0.0	15.1
83	4460844.89	5339955.54	504.41	0	D	A	90.2	13.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.6	1.8	0.0	24.4
86	4460826.87	5339963.08	504.40	0	D	A	90.2	11.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	8.2	1.8	0.0	22.7
89	4460817.79	5339966.88	504.40	0	D	A	90.2	6.3	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	8.0	1.8	0.0	17.2
92	4460813.79	5339968.56	504.39	0	D	A	90.2	6.4	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	7.9	1.8	0.0	17.4
93	4460811.30	5339969.60	504.39	0	D	A	90.2	-0.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	7.8	1.8	0.0	11.0
95	4460807.95	5339971.00	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	7.8	1.8	0.0	19.0
96	4460802.02	5339973.48	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	7.7	1.8	0.0	19.2
98	4460796.70	5339975.71	504.39	0	D	A	90.2	7.0	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	7.7	1.8	0.0	17.9
99	4460791.93	5339977.71	504.39	0	D	A	90.2	7.3	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	8.2	1.8	0.0	17.7
101	4460786.98	5339979.78	504.38	0	D	A	90.2	7.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	8.1	1.8	0.0	17.7
103	4460774.14	5339985.15	504.38	0	D	A	90.2	13.5	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	7.9	1.8	0.0	24.0
104	4460761.71	5339990.35	504.37	0	D	A	90.2	6.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	7.7	1.8	0.0	17.0
106	4460758.96	5339991.50	504.37	0	D	A	90.2	1.8	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	7.3	1.8	0.0	12.7
108	4460753.77	5339993.68	504.37	0	D	A	90.2	9.9	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	7.2	1.8	0.0	20.8
110	4460748.61	5339995.83	504.37	0	D	A	90.2	1.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	7.1	1.8	0.0	12.6
112	4460747.36	5339996.35	504.37	0	D	A	90.2	1.0	0.9	3.0	0.0	67.9	1.7	4.7	0.0	0.0	7.1	1.8	0.0	11.9
114	4460745.31	5339997.21	504.37	0	D	A	90.2	5.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.1	1.8	0.0	16.0
116	4460743.36	5339998.03	504.36	0	D	A	90.2	0.1	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.0	1.8	0.0	11.1
117	4460740.64	5339999.17	504.36	0	D	A	90.2	6.9	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.6	1.8	0.0	17.2
119	4460736.62	5340000.85	504.36	0	D	A	90.2	5.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	7.5	1.8	0.0	16.3
1036	4461040.89	5339873.51	504.49	3	D	A	90.2	6.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.6	1.8	33.4	-120.2
1037	4461037.43	5339874.96	504.49	3	D	A	90.2	5.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.7	1.8	33.5	-121.9
1038	4461035.81	5339875.64	504.49	3	D	A	90.2	-4.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.7	1.8	33.6	-131.3
1039	4461034.53	5339876.17	504.49	3	D	A	90.2	3.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	9.7	1.8	33.7	-123.3
1066	4460947.39	5339912.64	504.45	2	D	A	90.2	-2.5	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	8.4	1.8	15.4	-6.7
1067	4460944.87	5339913.70	504.45	2	D	A	90.2	6.9	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	8.3	1.8	15.4	2.7
1068	4460939.34	5339916.01	504.45	2	D	A	90.2	8.5	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	9.8	1.8	15.7	2.4
1211	4460936.65	5339917.14	504.45	1	D	A	90.2	5.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	9.9	1.8	41.4	-25.9

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1212	4460955.65	5339909.19	504.45	3	D	A	90.2	-3.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	5.8	1.8	27.1	-18.8
1230	4460889.84	5339936.73	504.43	1	D	A	90.2	2.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	11.0	1.8	40.6	-29.2
1231	4460885.95	5339938.35	504.43	1	D	A	90.2	8.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	9.5	1.8	42.1	-23.7
1232	4460818.33	5339966.66	504.40	1	D	A	90.2	14.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	9.4	1.9	15.6	5.2
1233	4460805.90	5339971.86	504.39	1	D	A	90.2	-0.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	9.5	1.9	15.6	-10.0
1242	4460799.45	5339974.56	504.39	2	D	A	90.2	15.6	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	2.6	1.9	25.8	1.3
1244	4460782.22	5339981.77	504.38	2	D	A	90.2	0.6	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	2.5	1.9	25.7	-13.6
1265	4460791.72	5339977.79	504.39	1	D	A	90.2	9.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	9.4	1.9	10.9	4.8
1266	4460785.81	5339980.27	504.38	1	D	A	90.2	6.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	9.5	1.9	10.9	2.3
1267	4460781.48	5339982.08	504.38	1	D	A	90.2	6.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	9.5	1.9	10.9	2.4
1268	4460775.77	5339984.47	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	9.5	1.9	10.9	4.5
1269	4460769.12	5339987.25	504.38	1	D	A	90.2	8.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	9.6	1.9	10.9	4.0
1270	4460763.69	5339989.52	504.37	1	D	A	90.2	7.0	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	9.7	1.9	10.9	2.5
1271	4460758.92	5339991.52	504.37	1	D	A	90.2	7.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	10.1	1.8	10.9	2.4
1272	4460753.71	5339993.70	504.37	1	D	A	90.2	7.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	10.0	1.8	10.9	3.0
1274	4460758.21	5339991.81	504.37	2	D	A	90.2	-1.8	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	5.4	1.9	15.9	-9.6
1276	4460757.14	5339992.26	504.37	2	D	A	90.2	2.2	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	2.2	1.9	12.8	0.7
1277	4460755.24	5339993.06	504.37	2	D	A	90.2	3.9	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	2.2	1.9	12.8	2.4
1279	4460750.77	5339994.93	504.37	2	D	A	90.2	8.6	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	2.2	1.9	12.8	7.1
1280	4460743.99	5339997.77	504.37	2	D	A	90.2	8.7	0.9	3.0	0.0	71.8	2.4	4.7	0.0	0.0	2.1	1.9	12.8	7.3
1282	4460737.69	5340000.40	504.36	2	D	A	90.2	7.9	0.9	3.0	0.0	71.8	2.4	4.7	0.0	0.0	2.1	1.9	25.7	-6.5
1284	4460762.98	5339989.82	504.37	2	D	A	90.2	9.1	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	2.3	1.9	25.7	-5.2
1285	4460838.18	5339940.49	504.35	0	D	A	90.2	9.2	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	9.1	1.8	0.0	19.6
1286	4460852.57	5339934.43	504.35	0	D	A	90.2	13.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	9.5	1.8	0.0	23.7
1287	4460864.33	5339929.48	504.35	0	D	A	90.2	4.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	9.9	1.8	0.0	14.1
1288	4460865.62	5339928.94	504.35	0	D	A	90.2	-8.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	9.9	1.8	0.0	1.8
1289	4460870.71	5339926.80	504.35	0	D	A	90.2	10.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	9.9	1.8	0.0	20.3
1290	4460882.49	5339921.84	504.36	0	D	A	90.2	11.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	10.5	1.8	0.0	21.2
1291	4460896.62	5339915.89	504.36	0	D	A	90.2	12.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.0	1.8	0.0	17.2
1292	4460905.07	5339912.33	504.36	0	D	A	90.2	3.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	11.7	1.8	0.0	12.2
1293	4460912.92	5339909.03	504.36	0	D	A	90.2	11.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	12.3	1.8	0.0	19.7
1294	4460919.71	5339906.17	504.36	0	D	A	90.2	-17.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	11.4	1.8	0.0	-8.0
1295	4460923.88	5339904.41	504.36	0	D	A	90.2	9.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	10.1	1.8	0.0	20.0
1296	4460929.01	5339902.25	504.36	0	D	A	90.2	3.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.4	1.8	0.0	13.3
1297	4460930.01	5339901.83	504.36	0	D	A	90.2	-10.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.5	1.8	0.0	1.0
1298	4460931.17	5339901.34	504.36	0	D	A	90.2	3.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.6	1.8	0.0	14.8
1299	4460932.91	5339900.61	504.36	0	D	A	90.2	1.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.6	1.8	0.0	12.3
1300	4460936.80	5339898.97	504.36	0	D	A	90.2	8.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	9.8	1.8	0.0	19.3
1301	4460940.36	5339897.47	504.36	0	D	A	90.2	-1.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	9.9	1.8	0.0	8.9
1302	4460940.69	5339897.34	504.36	0	D	A	90.2	-12.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	9.9	1.8	0.0	-1.6
1303	4460953.60	5339891.90	504.37	0	D	A	90.2	14.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	10.4	1.8	0.0	24.8
1305	4460969.30	5339885.29	504.37	0	D	A	90.2	7.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	11.0	1.8	0.0	17.9
1306	4460984.52	5339878.89	504.37	0	D	A	90.2	14.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	12.0	1.8	0.0	23.5
1307	4461002.82	5339871.18	504.37	0	D	A	90.2	11.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	8.1	1.7	0.0	24.3
1308	4461016.67	5339865.35	504.37	0	D	A	90.2	12.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	7.7	1.7	0.0	26.2
1309	4461024.71	5339861.96	504.38	0	D	A	90.2	-6.3	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	7.7	1.7	0.0	7.5
1790	4460936.47	5339899.11	504.36	2	D	A	90.2	8.4	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	11.2	1.8	15.8	1.1
1791	4460941.85	5339896.85	504.36	2	D	A	90.2	6.8	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	9.2	1.8	15.5	1.8
1793	4460944.30	5339895.82	504.36	2	D	A	90.2	-2.6	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	9.3	1.8	15.5	-7.7
1809	4460918.30	5339906.76	504.36	1	D	A	90.2	5.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	11.6	1.8	23.4	-9.4
1811	4460936.99	5339898.89	504.36	3	D	A	90.2	-3.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	6.2	1.8	27.1	-19.0
1900	4460889.01	5339919.09	504.36	1	D	A	90.2	8.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	10.8	1.8	40.2	-22.9
1901	4460892.77	5339917.51	504.36	1	D	A	90.2	2.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.8	1.8	37.1	-28.4
1908	4460737.96	5339920.43	504.38	0	D	A	90.2	11.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.1	1.8	0.0	21.6
1909	4460749.80	5339924.74	504.38	0	D	A	90.2	10.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.1	1.8	0.0	20.2
1910	4460757.55	5339927.56	504.38	0	D	A	90.2	7.7	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.7	1.8	0.0	17.0
1911	4460761.95	5339929.16	504.37	0	D	A	90.2	5.4	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.7	1.8	0.0	14.7
1912	4460763.82	5339929.84	504.37	0	D	A	90.2	-2.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.7	1.8	0.0	6.5
1913	4460764.94	5339930.25	504.37	0	D	A	90.2	2.7	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.7	1.8	0.0	12.0
1914	4460769.15	5339931.78	504.37	0	D	A	90.2	8.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.7	1.8	0.0	17.9
1915	4460773.83	5339933.48	504.37	0	D	A	90.2	4.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.7	1.8	0.0	13.9
1916	4460775.45	5339934.07	504.37	0	D	A	90.2	-2.2	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.5	1.8	0.0	7.5
1917	4460776.62	5339934.50	504.37	0	D	A	90.2	2.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	9.5	1.8	0.0	12.3
1919	4460777.86	5339934.95	504.37	0	D	A	90.2	-1.3	0.											

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
1925	4460790.52	5339939.55	504.36	0	D	A	90.2	7.4	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	9.5	1.8	0.0	16.9
1936	4460732.49	5339918.45	504.39	1	D	A	90.2	4.7	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	12.2	1.8	10.7	0.2
1937	4460736.84	5339920.03	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	12.2	1.8	10.7	3.5
1966	4460733.19	5339918.70	504.38	1	D	A	90.2	6.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.0	1.8	15.4	-95.7
1967	4460752.73	5339925.80	504.38	2	D	A	90.2	7.9	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	8.0	1.8	15.4	3.1
1969	4460755.78	5339926.91	504.38	2	D	A	90.2	-4.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	8.0	1.8	15.4	-9.0
1995	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.5	1.7	0.0	22.3
2004	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	9.0	1.7	0.0	22.8
2015	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.0	1.7	0.0	22.7
2039	4461089.78	5339788.34	504.38	0	D	A	90.2	-0.2	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	8.8	1.7	0.0	14.2
2040	4461093.25	5339788.86	504.40	0	D	A	90.2	7.8	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	9.6	1.7	0.0	21.4
2047	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	9.0	1.7	0.0	22.6
2061	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	8.9	1.7	0.0	22.6
2067	4461065.72	5339797.06	504.39	0	D	A	90.2	7.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	9.0	1.7	0.0	21.0
2069	4461068.35	5339794.68	504.38	0	D	A	90.2	3.3	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.0	1.7	0.0	17.3
2095	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	9.4	1.7	0.0	22.1
2114	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	9.2	1.7	0.0	22.3
2122	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	8.9	1.7	0.0	22.5
2137	4461054.76	5339816.65	504.43	0	D	A	90.2	4.1	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	8.5	1.7	0.0	18.2
2138	4461055.89	5339813.13	504.45	0	D	A	90.2	6.8	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	8.6	1.7	0.0	20.9
2149	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	8.7	1.7	0.0	22.6
2191	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	8.7	1.7	0.0	22.5
2193	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	8.5	1.7	0.0	22.7
2196	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	4.9	1.7	0.0	26.2
2202	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	8.4	1.7	0.0	22.6
2219	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	4.8	1.7	0.0	26.2
2222	4461051.68	5339830.25	504.40	0	D	A	90.2	5.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	8.1	1.7	0.0	19.7
2223	4461052.67	5339826.73	504.36	0	D	A	90.2	5.7	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	8.2	1.7	0.0	19.8
2247	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	8.1	1.7	0.0	22.7
2315	4461044.87	5339844.45	504.38	0	D	A	90.2	2.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.1	1.7	0.0	16.5
2317	4461046.78	5339841.22	504.38	0	D	A	90.2	7.5	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	8.1	1.7	0.0	21.5
2368	4461045.64	5339843.15	504.38	3	D	A	90.2	6.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.8	1.8	29.7	-115.8
2385	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.8	1.7	0.0	26.0
2418	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	4.7	1.7	0.0	25.9
2442	4461040.09	5339850.84	504.39	0	D	A	90.2	-2.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	8.0	1.7	0.0	11.4
2444	4461042.33	5339847.93	504.39	0	D	A	90.2	8.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	8.0	1.7	0.0	22.2
2491	4461041.13	5339849.49	504.39	3	D	A	90.2	6.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.9	1.8	30.4	-117.6
2492	4461043.37	5339846.58	504.38	3	D	A	90.2	5.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.9	1.8	30.0	-117.9
2507	4461098.05	5339848.77	504.44	0	D	A	90.2	8.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.7	1.7	0.0	25.3
2508	4461094.74	5339850.45	504.43	0	D	A	90.2	-0.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.6	1.7	0.0	17.0
2528	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.6	1.7	0.0	25.9
2544	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	7.9	1.7	0.0	21.9
2562	4461037.64	5339853.25	504.39	3	D	A	90.2	5.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.9	1.8	30.9	-119.0
2563	4461038.98	5339851.97	504.39	3	D	A	90.2	-3.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.9	1.8	30.7	-127.0
2565	4461039.54	5339851.43	504.39	3	D	A	90.2	0.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.9	1.8	30.6	-123.6
2571	4461030.99	5339858.57	504.38	0	D	A	90.2	1.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	7.8	1.7	0.0	15.8
2572	4461033.50	5339856.78	504.38	0	D	A	90.2	6.6	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	7.7	1.7	0.0	20.6
2613	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	7.8	1.7	0.0	21.8
2672	4460793.75	5339940.66	504.37	0	D	A	90.2	1.4	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	9.5	1.8	0.0	11.0
2674	4460797.68	5339941.71	504.38	0	D	A	90.2	8.3	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	9.5	1.8	0.0	17.9
2752	4460821.32	5339944.71	504.40	0	D	A	90.2	1.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.1	1.8	0.0	11.2
2754	4460823.68	5339944.34	504.39	0	D	A	90.2	5.4	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.7	1.8	0.0	16.0
2755	4460826.60	5339943.89	504.39	0	D	A	90.2	3.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.8	1.8	0.0	14.4
2789	4460712.69	5339914.49	504.38	0	D	A	90.2	7.6	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	8.9	1.8	0.0	17.5
2791	4460716.48	5339914.54	504.37	0	D	A	90.2	2.7	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	9.0	1.8	0.0	12.6
2829	4460704.60	5339915.26	504.37	0	D	A	90.2	6.6	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	8.2	1.8	0.0	17.2
2830	4460707.43	5339914.82	504.38	0	D	A	90.2	0.5	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	8.4	1.8	0.0	10.9
2832	4460708.40	5339914.67	504.38	0	D	A	90.2	-0.8	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	10.1	1.8	0.0	7.9
2834	4460709.32	5339914.53	504.38	0	D	A	90.2	0.1	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	8.9	1.8	0.0	10.1
2875	4460828.30	5339943.58	504.39	0	D	A	90.2	0.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.8	1.8	0.0	10.6
2877	4460831.56	5339942.79	504.37	0	D	A	90.2	7.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	8.9	1.8	0.0	18.0
2919	4460696.50	5339917.69	504.33	0	D	A	90.2	4.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.7	1.8	0.0	17.3
2922	4460700.05	5339916.42	504.35	0	D	A	90.2	6.9	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	7.9	1.8	0.0	17.7
2967	4460717.78	5339914.63	504.38	0	D	A	90.2	-1.3	0.9	3.0	0.									

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3015	4460813.02	5339944.58	504.38	0	D	A	90.2	3.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.0	1.8	0.0	13.4
3063	4460815.33	5339944.72	504.38	0	D	A	90.2	4.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.0	1.8	0.0	14.2
3065	4460816.83	5339944.75	504.39	0	D	A	90.2	-3.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	9.0	1.8	0.0	6.8
3067	4460818.88	5339944.78	504.39	0	D	A	90.2	5.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	9.0	1.8	0.0	15.8
3128	4460724.56	5339915.98	504.43	0	D	A	90.2	-6.5	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	9.0	1.8	0.0	3.4
3130	4460727.89	5339916.98	504.41	0	D	A	90.2	8.3	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	9.0	1.8	0.0	18.2
3162	4460726.73	5339916.63	504.41	1	D	A	90.2	6.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	12.2	1.8	10.7	2.3
3163	4460729.05	5339917.32	504.40	1	D	A	90.2	-10.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	12.2	1.8	10.7	-14.8
3164	4460730.10	5339917.64	504.39	1	D	A	90.2	3.2	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	12.2	1.8	10.7	-1.3
3182	4460802.99	5339943.01	504.38	0	D	A	90.2	6.2	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	9.5	1.8	0.0	15.8
3185	4460806.18	5339943.68	504.37	0	D	A	90.2	3.7	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	9.6	1.8	0.0	13.3
3231	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.2	1.8	0.0	23.6
3261	4460667.77	5339969.93	504.39	2	D	A	90.2	9.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	11.5	1.8	16.7	-3.0
3283	4460667.77	5339969.93	504.39	1	D	A	90.2	9.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.8	1.8	15.2	1.7
3286	4460667.01	5339954.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	3.5	1.8	0.0	23.3
3318	4460666.51	5339958.20	504.40	2	D	A	90.2	-2.8	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	11.3	1.9	16.7	-14.8
3320	4460667.04	5339954.42	504.39	2	D	A	90.2	8.5	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.3	1.9	16.8	-3.5
3344	4460667.01	5339954.68	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.1	1.8	15.1	2.1
3350	4460684.65	5339924.14	504.35	0	D	A	90.2	3.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	3.6	1.8	0.0	18.2
3352	4460687.42	5339922.20	504.35	0	D	A	90.2	6.6	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.6	1.8	0.0	20.6
3585	4460680.65	5339927.71	504.36	0	D	A	90.2	7.1	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	3.4	1.8	0.0	22.1
3587	4460683.15	5339925.35	504.36	0	D	A	90.2	2.4	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	3.5	1.8	0.0	17.3
3611	4460680.48	5339927.88	504.36	2	D	A	90.2	6.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.0	1.9	27.6	-16.2
3616	4460679.97	5339928.36	504.36	1	D	A	90.2	5.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	7.1	1.8	26.9	-12.7
3617	4460667.70	5339950.31	504.38	0	D	A	90.2	0.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	3.6	1.8	0.0	15.3
3618	4460668.37	5339947.91	504.38	0	D	A	90.2	5.8	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	2.7	1.8	0.0	21.1
3621	4460669.19	5339944.99	504.39	0	D	A	90.2	3.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	2.8	1.8	0.0	18.9
3647	4460668.51	5339947.39	504.38	2	D	A	90.2	8.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.2	1.9	16.8	-3.4
3653	4460668.51	5339947.39	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	7.8	1.8	15.0	2.2
3654	4460666.78	5339965.15	504.39	0	D	A	90.2	2.5	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.4	1.8	0.0	16.9
3655	4460666.61	5339961.37	504.39	0	D	A	90.2	7.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.4	1.8	0.0	22.1
3678	4460666.74	5339964.19	504.39	2	D	A	90.2	5.7	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	11.5	1.8	16.7	-6.4
3681	4460666.57	5339960.40	504.40	2	D	A	90.2	5.9	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	11.4	1.9	16.7	-6.1
3701	4460666.65	5339962.25	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	8.4	1.8	15.1	1.8
3706	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	5.5	1.8	0.0	21.3
3785	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	7.5	1.8	0.0	19.2
3810	4460712.31	5340006.20	504.38	0	D	A	90.2	2.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	14.5
3812	4460708.49	5340005.94	504.37	0	D	A	90.2	7.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	19.2
3831	4460727.55	5340004.26	504.39	0	D	A	90.2	-2.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	7.4	1.8	0.0	7.5
3834	4460725.97	5340004.62	504.39	0	D	A	90.2	4.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	7.4	1.8	0.0	14.8
3836	4460724.26	5340005.00	504.39	0	D	A	90.2	-1.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	7.4	1.8	0.0	9.3
3837	4460722.20	5340005.47	504.38	0	D	A	90.2	5.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	7.3	1.8	0.0	15.8
3866	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	20.4
3898	4460684.32	5339996.49	504.36	1	D	A	90.2	4.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.2	1.8	10.9	-1.0
3900	4460683.37	5339995.61	504.35	1	D	A	90.2	-9.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.2	1.8	10.9	-14.8
3902	4460681.50	5339993.90	504.34	1	D	A	90.2	7.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.2	1.8	10.9	2.0
3904	4460681.10	5339993.53	504.34	2	D	A	90.2	5.9	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	12.1	1.8	12.1	-1.8
3923	4460680.96	5339993.40	504.34	1	D	A	90.2	5.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.9	1.8	10.8	1.7
3927	4460702.18	5340004.94	504.37	0	D	A	90.2	8.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	20.1
3929	4460698.51	5340004.09	504.38	0	D	A	90.2	-3.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	8.0
3963	4460679.21	5339991.64	504.33	0	D	A	90.2	1.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	13.3
3965	4460676.86	5339988.77	504.34	0	D	A	90.2	7.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	19.4
3995	4460678.20	5339990.41	504.34	2	D	A	90.2	6.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	12.0	1.8	12.1	-1.0
3997	4460675.84	5339987.53	504.35	2	D	A	90.2	4.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	12.0	1.8	12.1	-3.2
4014	4460677.32	5339989.34	504.34	1	D	A	90.2	8.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.8	1.8	10.7	5.1
4017	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	20.4
4038	4460692.87	5340001.60	504.37	1	D	A	90.2	4.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	11.2	1.8	10.9	-0.1
4052	4460719.77	5340005.89	504.38	0	D	A	90.2	1.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	7.3	1.8	0.0	12.2
4053	4460716.15	5340006.10	504.38	0	D	A	90.2	7.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	7.3	1.8	0.0	18.0
4080	4460674.92	5339986.37	504.35	0	D	A	90.2	-7.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	4.5
4083	4460674.54	5339985.63	504.35	0	D	A	90.2	1.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.0	1.8	0.0	13.3
4085	4460673.51	5339983.66	504.35	0	D	A	90.2	4.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.1	1.8	0.0	16.4
4089	4460672.25	5339981.25	504.35	0	D	A	90.2	3.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	6.7	1.8	0.0	14.9
4122	4460673.32	5339983.31	504.35	2	D	A	90.2	8.5	0.9	3.0	0.0	6								

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4186	4460670.63	5339977.92	504.37	0	D	A	90.2	7.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	6.8	1.8	0.0	17.9
4188	4460669.40	5339975.30	504.38	0	D	A	90.2	-0.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	6.8	1.8	0.0	10.1
4190	4460668.99	5339974.43	504.39	0	D	A	90.2	0.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.1	1.8	0.0	15.1
4194	4460668.73	5339973.88	504.39	0	D	A	90.2	-10.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.1	1.8	0.0	4.4
4227	4460671.09	5339978.90	504.36	2	D	A	90.2	4.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.8	1.8	16.7	-7.7
4228	4460670.44	5339977.52	504.37	2	D	A	90.2	-5.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.7	1.8	16.7	-17.7
4229	4460669.55	5339975.62	504.38	2	D	A	90.2	5.9	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	11.7	1.8	16.7	-6.1
4238	4460670.20	5339977.00	504.37	1	D	A	90.2	8.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	9.1	1.8	15.3	0.8
4239	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	3.3	1.8	0.0	22.8
4256	4460675.57	5339933.48	504.36	2	D	A	90.2	1.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.0	1.9	27.5	-21.0
4257	4460677.41	5339931.19	504.36	2	D	A	90.2	6.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.0	1.9	27.5	-16.4
4268	4460676.94	5339931.77	504.36	1	D	A	90.2	7.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	7.3	1.8	26.9	-10.2
4269	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	2.9	1.8	0.0	23.0
4296	4460669.60	5339943.66	504.39	2	D	A	90.2	-3.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	11.1	1.9	16.8	-15.2
4299	4460669.76	5339943.33	504.38	2	D	A	90.2	-6.0	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	11.1	1.9	16.8	-18.0
4302	4460670.97	5339940.87	504.37	2	D	A	90.2	7.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	11.1	1.9	27.3	-15.4
4314	4460670.80	5339941.20	504.37	1	D	A	90.2	7.8	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	7.6	1.8	26.9	-10.4
4316	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	3.1	1.8	0.0	22.4
4328	4460673.60	5339936.29	504.36	2	D	A	90.2	7.3	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.1	1.9	27.4	-15.4
4343	4460673.60	5339936.29	504.36	1	D	A	90.2	7.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	7.4	1.8	26.9	-10.8

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5861	4460728.19	5339867.72	505.06	0	D	A	73.9	17.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	9.0	1.8	0.0	11.7
5905	4460728.01	5339867.93	505.06	1	D	A	73.9	6.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.3	1.8	25.0	-23.5

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6500	4460744.92	5339902.73	504.62	0	D	A	73.9	15.8	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	9.6	1.8	0.0	9.2
6504	4460748.28	5339890.61	504.79	1	D	A	73.9	11.1	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	12.6	1.8	10.6	-9.5
6505	4460743.19	5339908.96	504.53	1	D	A	73.9	14.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	12.3	1.8	10.7	-6.7

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6237	4460686.96	5339832.56	505.50	0	D	A	78.7	-2.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	10.6	1.8	0.0	-4.7
6238	4460679.71	5339830.87	505.49	0	D	A	78.7	11.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	10.6	1.8	0.0	9.1
6241	4460680.00	5339830.93	505.49	1	D	A	78.7	11.7	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.7	1.8	8.0	10.3
6721	4460692.26	5339831.60	505.30	0	D	A	78.7	7.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	13.4	1.8	0.0	2.3
6723	4460688.74	5339832.32	505.44	0	D	A	78.7	2.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.3	1.8	0.0	-1.9
6726	4460687.58	5339832.56	505.49	0	D	A	78.7	-1.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	10.6	1.8	0.0	-4.0
6765	4460691.76	5339831.71	505.32	1	D	A	78.7	8.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.9	1.8	11.0	1.5
6766	4460688.37	5339832.40	505.45	1	D	A	78.7	-4.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	3.4	1.8	11.5	-12.1
6767	4460688.10	5339832.45	505.47	1	D	A	78.7	-7.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.6	1.8	7.9	-8.7
6769	4460687.63	5339832.55	505.48	1	D	A	78.7	-1.1	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.6	1.8	7.9	-2.4

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6883	4460787.18	5339878.17	504.87	0	D	A	73.9	-10.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	16.1	1.8	0.0	-23.2
6884	4460788.63	5339878.86	504.87	0	D	A	73.9	4.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	16.0	1.8	0.0	-7.3
6885	4460790.25	5339879.63	504.87	0	D	A	73.9	-3.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.9	1.8	0.0	-15.4
6886	4460791.22	5339880.09	504.87	0	D	A	73.9	2.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.8	1.8	0.0	-9.9
6887	4460794.87	5339881.83	504.86	0	D	A	73.9	8.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.6	1.8	0.0	-3.8
6888	4460798.94	5339883.76	504.86	0	D	A	73.9	4.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.4	1.8	0.0	-7.5
6890	4460800.35	5339884.43	504.86	0	D	A	73.9	-2.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	14.7	1.8	0.0	-13.5
6891	4460801.37	5339884.92	504.86	0	D	A	73.9	2.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.3	1.8	0.0	-9.3
6892	4460802.45	5339885.43	504.85	0	D	A	73.9	-1.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.3	1.8	0.0	-13.2
6893	4460803.11	5339885.75	504.85	0	D	A	73.9	-1.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.2	1.8	0.0	-12.5
6894	4460804.58	5339886.45	504.85	0	D	A	73.9	3.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.1	1.8	0.0	-7.4
6969	4460805.01	5339886.66	504.85	1	D	A	73.9	1.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.1	1.8	97.9	-107.4
7069	4460786.27	5339864.52	505.05	0	D	A	73.9	12.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	13.2	1.8	0.0	2.9
7072	4460784.14	5339872.91	504.98	0	D	A	73.9	-2.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	14.1	1.8	0.0	-12.7
7099	4460786.34	5339864.26	505.05	2	D	A	73.9	12.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.8	1.8	8.5	-3.7
7100	4460784.21	5339872.64	504.98	2	D	A	73.9	0.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	10.3	1.8	11.4	-17.8
7499	4460807.11	5339887.33	504.84	0	D	A	73.9	4.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-6.7

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7500	4460808.93	5339887.77	504.83	0	D	A	73.9	-0.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-12.0
7501	4460810.58	5339888.18	504.82	0	D	A	73.9	4.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.1	1.8	0.0	-7.3
7502	4460813.49	5339888.89	504.80	0	D	A	73.9	5.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.1	1.8	0.0	-5.9
7503	4460815.49	5339889.38	504.78	0	D	A	73.9	-1.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	15.1	1.8	0.0	-13.0
7517	4460805.84	5339887.02	504.85	1	D	A	73.9	-5.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.0	1.8	97.9	-114.6
7822	4460785.61	5339875.67	504.93	0	D	A	73.9	7.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	16.5	1.8	0.0	-5.1
7826	4460784.09	5339873.23	504.98	2	D	A	73.9	-10.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	10.3	1.8	11.4	-28.8

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5915	4460736.59	5339848.80	505.10	0	D	A	73.9	9.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	0.0	0.4
5917	4460731.23	5339854.86	505.08	0	D	A	73.9	8.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.5	1.8	0.0	2.0
5919	4460718.01	5339869.83	505.02	0	D	A	73.9	15.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	7.8	1.8	0.0	10.5
5921	4460706.35	5339883.02	504.96	0	D	A	73.9	4.7	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	9.0	1.8	0.0	-1.3
5981	4460727.15	5339859.48	505.06	1	D	A	73.9	6.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	9.5	1.8	14.6	-14.1
6984	4460698.47	5339893.99	504.83	0	D	A	73.9	13.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	7.5	1.8	0.0	9.1
7601	4460691.21	5339911.08	504.59	0	D	A	73.9	4.5	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	4.8	1.8	0.0	2.2
7602	4460691.91	5339913.06	504.52	0	D	A	73.9	1.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	4.7	1.8	0.0	-0.9
7603	4460693.05	5339916.26	504.41	0	D	A	73.9	7.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.6	1.8	0.0	4.1
7901	4460691.48	5339904.48	504.69	0	D	A	73.9	1.1	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	6.4	1.8	0.0	-2.8
7902	4460691.06	5339907.43	504.66	0	D	A	73.9	6.7	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	4.9	1.8	0.0	4.3

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6694	4460695.57	5339872.82	504.91	0	D	A	73.9	-3.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	11.9	1.8	0.0	-12.5
6695	4460694.56	5339877.51	504.88	0	D	A	73.9	9.6	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	11.5	1.8	0.0	1.0
6697	4460691.70	5339890.90	504.78	0	D	A	73.9	12.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	7.6	1.8	0.0	7.7
7556	4460702.76	5339843.27	505.03	0	D	A	73.9	5.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	13.6	1.8	0.0	-5.1
7557	4460702.07	5339847.44	504.99	0	D	A	73.9	7.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	12.9	1.8	0.0	-2.3
7564	4460702.16	5339846.90	505.00	2	D	A	73.9	8.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	10.5	1.8	8.6	-8.1
7567	4460690.11	5339903.17	504.68	0	D	A	73.9	8.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	6.5	1.8	0.0	4.3
7568	4460690.58	5339908.13	504.65	0	D	A	73.9	5.1	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	4.9	1.8	0.0	2.7
7635	4460691.21	5339911.08	504.59	0	D	A	73.9	4.5	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	4.8	1.8	0.0	2.2
7637	4460691.91	5339913.06	504.52	0	D	A	73.9	1.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	4.7	1.8	0.0	-0.9
7639	4460693.05	5339916.26	504.41	0	D	A	73.9	7.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.6	1.8	0.0	4.1
7750	4460704.24	5339859.48	505.76	0	D	A	73.9	6.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	13.7	1.8	0.0	-3.8
7752	4460703.37	5339863.17	505.76	0	D	A	73.9	4.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	13.6	1.8	0.0	-5.6
7810	4460698.87	5339868.54	505.04	0	D	A	73.9	5.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	12.6	1.8	0.0	-4.4
7811	4460697.18	5339870.65	504.97	0	D	A	73.9	3.3	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	12.3	1.8	0.0	-5.9
7812	4460696.06	5339872.04	504.93	0	D	A	73.9	1.6	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	12.0	1.8	0.0	-7.5
7934	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	12.3	1.8	0.0	-2.8
7941	4460701.73	5339850.17	504.98	2	D	A	73.9	-5.6	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	10.3	1.8	11.6	-24.5
7942	4460702.95	5339851.80	505.15	2	D	A	73.9	5.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	10.2	1.8	11.6	-12.9
7943	4460704.12	5339853.36	505.31	2	D	A	73.9	-11.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.6	1.8	10.4	-25.4
7944	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	13.1	1.8	0.0	-3.8
8001	4460704.31	5339854.42	505.43	0	D	A	73.9	3.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	11.9	1.8	0.0	-5.3
8002	4460704.62	5339856.36	505.65	0	D	A	73.9	2.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	13.6	1.8	0.0	-7.6
8008	4460704.34	5339854.60	505.45	2	D	A	73.9	3.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.4	1.8	10.4	-9.9

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3394	4461145.79	5339875.12	504.01	0	D	A	73.9	10.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.5	1.8	0.0	9.5
3395	4461120.62	5339892.71	504.01	0	D	A	73.9	17.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.2	1.8	0.0	17.5
3396	4461085.25	5339917.43	504.02	0	D	A	73.9	15.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	7.4	1.8	0.0	12.3
3397	4461062.70	5339933.19	504.02	0	D	A	73.9	13.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.3	1.8	0.0	9.6
3398	4461052.75	5339940.14	504.02	0	D	A	73.9	6.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	7.2	1.8	0.0	3.1
3400	4461046.82	5339944.29	504.02	0	D	A	73.9	10.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	7.2	1.8	0.0	6.5
3401	4461039.72	5339949.25	504.02	0	D	A	73.9	8.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	7.2	1.8	0.0	5.2
3402	4461031.52	5339954.99	504.03	0	D	A	73.9	11.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	7.1	1.8	0.0	7.4
3403	4461022.05	5339961.60	504.03	0	D	A	73.9	10.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	7.1	1.8	0.0	6.5
3405	4461015.01	5339966.52	504.03	0	D	A	73.9	8.3	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	7.0	1.8	0.0	4.6
3559	4461030.32	5339955.82	504.03	3	D	A	73.9	7.5	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	9.7	1.9	42.8	-146.0
3561	4461026.36	5339958.59	504.03	3	D	A	73.9	6.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	9.7	1.9	43.2	-147.8
3562	4461024.49	5339959.89	504.03	3	D	A	73.9	-3.2	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	9.7	1.9	43.4	-157.3
3564	4461023.03	5339960.92	504.03	3	D	A	73.9	4.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	9.7	1.9	43.5	-149.3

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4345	4460847.54	5340094.65	503.89	0	D	A	73.9	11.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	5.6	1.8	0.0	7.0
4347	4460855.17	5340089.44	503.90	0	D	A	73.9	5.8	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	5.5	1.8	0.0	1.3
4349	4460866.45	5340081.73	503.92	0	D	A	73.9	13.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	5.7	1.8	0.0	9.2
4351	4460876.19	5340075.07	503.93	0	D	A	73.9	-14.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	5.7	1.8	0.0	-19.3
4353	4460882.11	5340071.02	503.94	0	D	A	73.9	11.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	5.3	1.8	0.0	7.7
4354	4460889.37	5340066.07	503.95	0	D	A	73.9	5.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	5.4	1.8	0.0	1.2
4357	4460890.79	5340065.10	503.95	0	D	A	73.9	-8.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	5.4	1.8	0.0	-12.0
4360	4460892.41	5340063.99	503.95	0	D	A	73.9	5.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	5.4	1.8	0.0	1.9
4361	4460894.86	5340062.32	503.96	0	D	A	73.9	3.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	5.5	1.8	0.0	-0.6
4363	4460900.29	5340058.60	503.96	0	D	A	73.9	10.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	5.6	1.8	0.0	6.5
4364	4460905.30	5340055.18	503.97	0	D	A	73.9	0.4	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	5.6	1.8	0.0	-3.5
4367	4460923.38	5340042.83	504.00	0	D	A	73.9	16.3	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	5.9	1.8	0.0	12.4
4368	4460944.81	5340028.18	504.03	0	D	A	73.9	9.6	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	6.1	1.8	0.0	5.8
4370	4460964.96	5340014.41	504.06	0	D	A	73.9	16.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	6.4	1.8	0.0	12.1
4373	4460983.78	5340001.55	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	5.8	1.8	0.0	4.7
4888	4460846.80	5340095.16	503.89	1	D	A	73.9	11.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.0	1.8	9.0	-2.4
4897	4460991.44	5339996.27	504.09	0	D	A	73.9	11.0	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	5.5	1.8	0.0	8.3
4898	4461006.73	5339985.68	504.11	0	D	A	73.9	13.9	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	6.7	1.8	0.0	10.2
4899	4461021.22	5339975.64	504.13	0	D	A	73.9	10.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	6.8	1.8	0.0	6.7
4901	4461030.90	5339968.93	504.14	0	D	A	73.9	11.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	6.8	1.8	0.0	7.6
4903	4461039.30	5339963.12	504.15	0	D	A	73.9	8.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	6.8	1.8	0.0	5.3
4904	4461046.57	5339958.08	504.16	0	D	A	73.9	10.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	6.8	1.8	0.0	6.8
4905	4461052.64	5339953.87	504.16	0	D	A	73.9	6.6	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	6.8	1.8	0.0	3.4
4907	4461062.83	5339946.81	504.17	0	D	A	73.9	13.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	6.8	1.8	0.0	9.9
4909	4461081.98	5339933.55	504.20	0	D	A	73.9	14.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	6.9	1.8	0.0	11.2
5108	4461021.01	5339975.78	504.13	3	D	A	73.9	5.0	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	9.6	1.9	45.4	-151.2
5110	4461022.50	5339974.75	504.13	3	D	A	73.9	-3.2	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	9.6	1.9	45.2	-159.1
5112	4461024.39	5339973.44	504.13	3	D	A	73.9	6.2	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	9.6	1.9	45.1	-149.6
5113	4461028.42	5339970.65	504.13	3	D	A	73.9	7.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	9.6	1.9	44.7	-147.8
5135	4460873.60	5340022.39	504.02	0	D	A	73.9	1.8	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	6.8	1.8	0.0	-2.9
5138	4460864.42	5340024.93	504.03	0	D	A	73.9	12.4	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	7.1	1.8	0.0	7.4
5140	4460848.30	5340029.40	504.05	0	D	A	73.9	12.0	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	6.5	1.8	0.0	7.4
5143	4460834.96	5340033.10	504.06	0	D	A	73.9	10.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.4	1.8	0.0	5.0
5144	4460827.84	5340035.07	504.07	0	D	A	73.9	4.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	7.7	1.8	0.0	-1.2
5147	4460814.63	5340038.73	504.08	0	D	A	73.9	13.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	7.6	1.8	0.0	7.8
5148	4460795.29	5340044.09	504.10	0	D	A	73.9	12.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	8.8	1.8	0.0	4.5
5149	4460787.52	5340046.25	504.11	0	D	A	73.9	-4.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	8.9	1.8	0.0	-11.6
5150	4460785.43	5340046.83	504.12	0	D	A	73.9	6.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	9.0	1.8	0.0	-1.8
5152	4460781.37	5340047.95	504.12	0	D	A	73.9	6.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	8.8	1.8	0.0	-1.0
5154	4460775.68	5340049.53	504.13	0	D	A	73.9	8.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	8.3	1.8	0.0	1.5
5157	4460768.94	5340051.40	504.13	0	D	A	73.9	8.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	8.0	1.8	0.0	1.4
5158	4460763.71	5340052.85	504.14	0	D	A	73.9	6.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	7.6	1.8	0.0	-0.2
5161	4460761.31	5340053.51	504.14	0	D	A	73.9	-1.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	7.6	1.8	0.0	-7.7
5162	4460758.34	5340054.34	504.15	0	D	A	73.9	7.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	8.1	1.8	0.0	0.3
5165	4460746.02	5340057.75	504.16	0	D	A	73.9	13.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	8.1	1.8	0.0	5.9
5374	4460806.49	5340040.99	504.09	1	D	A	73.9	13.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.0	1.8	9.0	0.1
5375	4460795.42	5340044.06	504.10	1	D	A	73.9	-1.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.1	1.8	6.2	-12.2
5376	4460782.73	5340047.58	504.12	1	D	A	73.9	8.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.9	1.8	5.1	-1.0
5377	4460777.41	5340049.05	504.12	1	D	A	73.9	6.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	6.8	1.8	5.7	-5.9
5378	4460773.49	5340050.14	504.13	1	D	A	73.9	6.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	6.8	1.8	5.7	-5.8
5379	4460768.33	5340051.57	504.13	1	D	A	73.9	8.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.0	1.8	5.1	-1.3
5380	4460762.30	5340053.24	504.14	1	D	A	73.9	7.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.0	1.8	5.1	-1.9
5382	4460757.37	5340054.60	504.15	1	D	A	73.9	6.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.3	1.8	1.0	0.7
5385	4460753.03	5340055.81	504.15	1	D	A	73.9	6.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.3	1.8	1.0	1.0
5388	4460748.28	5340057.12	504.16	1	D	A	73.9	7.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.3	1.8	1.0	1.5
5390	4460962.27	5339995.67	503.92	0	D	A	73.9	12.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	6.8	1.8	0.0	8.8
5392	4460949.74	5339999.45	503.94	0	D	A	73.9	8.5	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	6.7	1.8	0.0	4.5
5395	4460931.07	5340005.08	503.96	0	D	A	73.9	15.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	6.6	1.8	0.0	11.0
5397	4460915.39	5340009.81	503.97	0	D	A	73.9	-1.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	6.4	1.8	0.0	-5.0
5399	4460911.17	5340011.08	503.98	0	D	A	73.9	9.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	6.4	1.8	0.0	5.0
5400	4460906.59	5340012.46	503.98	0	D	A	73.9	1.9	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	6.3	1.8	0.0	-2.1
5401	4460904.54	5340013.08	503.98	0	D	A	73.9	4.4	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	6.3	1.8	0.0	0.4
5402	4460903.19	5340013.49	503.99	0	D	A	73.9	-9.5	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	6.3	1.8	0.0	-13.5
5403	4460902.01	5340013.84	503.99	0	D	A	73.9	3.7	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0				

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5837	4461096.79	5339923.35	504.21	0	D	A	73.9	9.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	7.5	1.8	0.0	6.5
5838	4461122.27	5339906.12	504.18	0	D	A	73.9	17.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	4.1	1.8	0.0	17.4
5839	4461146.04	5339890.05	504.15	0	D	A	73.9	7.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.3	1.8	0.0	6.7
5990	4460632.66	5340033.18	504.59	0	D	A	73.9	-7.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	11.9	1.8	0.0	-18.9
5992	4460632.75	5340032.27	504.59	0	D	A	73.9	2.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	11.8	1.8	0.0	-9.1
5994	4460632.93	5340030.34	504.60	0	D	A	73.9	3.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	10.0	1.8	0.0	-6.0
5995	4460633.26	5340026.82	504.61	0	D	A	73.9	6.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.6	1.8	0.0	-2.2
5997	4460634.02	5340018.73	504.64	0	D	A	73.9	10.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.3	1.8	0.0	6.0
5999	4460635.31	5340004.96	504.70	0	D	A	73.9	12.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	5.7	1.8	0.0	7.3
6001	4460636.20	5339995.53	504.74	0	D	A	73.9	4.3	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	4.9	1.8	0.0	0.4
6003	4460636.80	5339989.04	504.76	0	D	A	73.9	10.1	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	5.2	1.8	0.0	6.0
6004	4460638.53	5339970.66	504.83	0	D	A	73.9	14.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	5.2	1.8	0.0	10.3
6007	4460639.94	5339955.56	504.89	0	D	A	73.9	5.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	2.6	1.8	0.0	4.5
6087	4460639.96	5339955.35	504.89	1	D	A	73.9	5.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.0	1.8	9.0	-4.7
6089	4460637.59	5339980.65	504.79	1	D	A	73.9	9.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.8	1.8	23.9	-16.7
6091	4460638.10	5339975.19	504.82	1	D	A	73.9	4.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.9	1.8	12.6	-10.7
6093	4460638.33	5339972.81	504.82	1	D	A	73.9	3.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.9	1.8	12.6	-11.2
6095	4460638.68	5339969.07	504.84	1	D	A	73.9	7.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.0	1.8	12.7	-7.6
6099	4460639.60	5339955.82	504.89	0	D	A	73.9	6.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	2.7	1.8	0.0	5.1
6100	4460638.14	5339971.21	504.83	0	D	A	73.9	14.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	5.2	1.8	0.0	10.3
6101	4460636.39	5339989.65	504.76	0	D	A	73.9	10.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	5.1	1.8	0.0	6.1
6102	4460635.78	5339996.14	504.73	0	D	A	73.9	4.3	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	4.8	1.8	0.0	0.4
6103	4460634.88	5340005.61	504.70	0	D	A	73.9	12.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	5.6	1.8	0.0	7.3
6104	4460633.57	5340019.42	504.64	0	D	A	73.9	10.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.2	1.8	0.0	6.0
6105	4460632.80	5340027.52	504.61	0	D	A	73.9	6.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.5	1.8	0.0	-2.0
6106	4460632.47	5340031.06	504.60	0	D	A	73.9	3.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.8	1.8	0.0	-5.8
6107	4460632.31	5340032.69	504.59	0	D	A	73.9	0.3	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	11.6	1.8	0.0	-10.8
6150	4460638.39	5339968.54	504.84	1	D	A	73.9	7.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.0	1.8	12.7	-7.7
6151	4460638.04	5339972.27	504.83	1	D	A	73.9	3.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.9	1.8	12.7	-11.2
6152	4460637.82	5339974.65	504.82	1	D	A	73.9	4.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.9	1.8	12.6	-10.7
6153	4460637.30	5339980.10	504.80	1	D	A	73.9	9.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.8	1.8	12.5	-5.3
6154	4460639.74	5339954.37	504.90	1	D	A	73.9	1.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.0	1.8	9.0	-8.5
6155	4461154.10	5339883.15	504.14	0	D	A	73.9	12.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.3	1.8	0.0	11.4
6156	4461162.98	5339874.94	504.13	0	D	A	73.9	9.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.4	1.8	0.0	8.6
6157	4461169.00	5339869.37	504.12	0	D	A	73.9	9.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.5	1.8	0.0	8.5
6158	4461174.31	5339864.45	504.12	0	D	A	73.9	8.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.4	1.8	0.0	7.6
6168	4461005.21	5339972.67	504.01	0	D	A	73.9	12.2	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	7.0	1.8	0.0	8.4
6169	4460990.79	5339981.31	503.97	0	D	A	73.9	12.4	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	7.0	1.8	0.0	8.4
6170	4460977.42	5339989.32	503.93	0	D	A	73.9	11.5	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	6.7	1.8	0.0	7.7
6242	4460644.87	5339912.04	505.15	0	D	A	73.9	13.6	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	4.4	1.8	0.0	11.2
6243	4460642.35	5339932.75	505.03	0	D	A	73.9	12.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	4.1	1.8	0.0	10.4
6244	4460640.77	5339945.75	504.95	0	D	A	73.9	8.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.6	1.8	0.0	6.7
6245	4460640.06	5339951.56	504.91	0	D	A	73.9	6.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.2	1.8	0.0	4.6
6262	4460646.05	5339902.36	505.21	2	D	A	73.9	5.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.7	1.8	25.0	-22.1
6265	4460645.28	5339908.63	505.17	2	D	A	73.9	9.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	2.6	1.8	24.9	-17.7
6267	4460644.49	5339915.15	505.13	2	D	A	73.9	5.9	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	2.5	1.8	24.7	-21.2
6290	4460640.96	5339944.15	504.96	2	D	A	73.9	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	1.9	1.8	21.6	-15.7
6294	4460644.34	5339916.36	505.12	1	D	A	73.9	15.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.2	1.9	25.1	-14.6
6295	4460642.17	5339934.25	505.02	1	D	A	73.9	6.4	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.4	1.8	13.2	-11.3
6296	4460641.54	5339939.36	504.99	1	D	A	73.9	7.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.9	1.8	8.8	-2.0
6297	4460640.50	5339947.99	504.93	1	D	A	73.9	10.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	1.0	1.8	8.9	0.8
6298	4460640.41	5339951.30	504.91	0	D	A	73.9	6.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.2	1.8	0.0	5.2
6299	4460641.14	5339945.24	504.95	0	D	A	73.9	8.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.6	1.8	0.0	6.7
6300	4460642.69	5339932.28	505.02	0	D	A	73.9	12.7	0.9	3.0	0.0	67.9	1.7	4.7	0.0	0.0	4.1	1.8	0.0	10.3
6301	4460645.15	5339911.86	505.14	0	D	A	73.9	13.5	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	4.4	1.8	0.0	11.1
6321	4460644.70	5339915.58	505.12	2	D	A	73.9	6.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	2.5	1.8	24.7	-21.2
6322	4460645.49	5339909.04	505.16	2	D	A	73.9	9.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	2.6	1.8	24.9	-17.7
6323	4460646.27	5339902.60	505.20	2	D	A	73.9	5.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.7	1.8	25.0	-21.8
6334	4460641.33	5339943.63	504.96	2	D	A	73.9	6.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	1.9	1.8	21.6	-15.8
6336	4460640.71	5339948.80	504.93	1	D	A	73.9	9.9	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	1.0	1.8	8.9	0.1
6337	4460641.65	5339940.97	504.97	1	D	A	73.9	7.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.9	1.8	8.8	-2.0
6339	4460642.27	5339935.83	505.00	1	D	A	73.9	6.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.4	1.8	13.2	-11.3
6340	4460644.51	5339917.18	505.11	1	D	A	73.9	15.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.2	1.9	25.1	-14.4
6341	4460647.27	5339892.39	505.27	0	D	A	73.9	12.2	0.9	3.0	0.0	67.4								

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
6351	4460647.14	5339893.78	505.26	2	D	A	73.9	10.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.9	1.8	25.2	-16.9
6352	4460648.17	5339882.91	505.35	2	D	A	73.9	9.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	3.1	1.8	13.9	-6.7
6354	4460649.80	5339865.55	505.48	2	D	A	73.9	9.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	3.7	1.8	14.4	-8.0
6355	4460650.38	5339859.32	505.53	2	D	A	73.9	5.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.9	1.8	14.5	-11.9
6356	4460650.61	5339856.92	505.55	2	D	A	73.9	0.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.9	1.8	14.6	-17.6
6361	4460648.15	5339883.04	505.35	2	D	A	73.9	-2.8	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	3.3	1.8	26.0	-131.0
6362	4460649.07	5339868.38	505.46	0	D	A	73.9	13.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	5.3	1.8	0.0	11.1
6363	4460647.93	5339881.45	505.36	0	D	A	73.9	2.9	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	5.0	1.8	0.0	0.3
6365	4460647.75	5339883.48	505.35	0	D	A	73.9	3.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	5.0	1.8	0.0	0.7
6366	4460646.96	5339892.60	505.28	0	D	A	73.9	12.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.8	1.8	0.0	9.6
6377	4460647.85	5339882.32	505.35	2	D	A	73.9	9.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	3.1	1.8	13.9	-6.7
6378	4460646.89	5339893.30	505.27	2	D	A	73.9	10.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	2.9	1.8	25.2	-16.8
6379	4460646.30	5339900.07	505.22	2	D	A	73.9	0.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.8	1.8	25.1	-26.8
6380	4460650.11	5339856.43	505.55	2	D	A	73.9	-5.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.9	1.8	14.6	-22.8
6381	4460649.93	5339858.50	505.53	2	D	A	73.9	5.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.9	1.8	14.5	-11.9
6383	4460649.38	5339864.79	505.49	2	D	A	73.9	9.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	3.7	1.8	14.4	-8.0
6386	4460647.78	5339883.12	505.35	2	D	A	73.9	-2.8	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	3.4	1.8	26.0	-130.9
6392	4460667.99	5340082.22	504.42	0	D	A	73.9	5.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.5	1.8	0.0	-2.1
6393	4460673.33	5340083.58	504.39	0	D	A	73.9	8.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.5	1.8	0.0	1.6
6394	4460679.25	5340085.10	504.37	0	D	A	73.9	6.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.5	1.8	0.0	-0.7
6395	4460681.77	5340085.74	504.36	0	D	A	73.9	-1.6	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.5	1.8	0.0	-8.9
6396	4460683.26	5340086.12	504.35	0	D	A	73.9	3.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.5	1.8	0.0	-3.4
6397	4460688.91	5340087.56	504.33	0	D	A	73.9	9.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.4	1.8	0.0	2.5
6398	4460695.19	5340089.17	504.31	0	D	A	73.9	5.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-1.4
6399	4460697.36	5340089.72	504.30	0	D	A	73.9	-1.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-8.1
6402	4460698.93	5340090.12	504.29	0	D	A	73.9	3.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-3.2
6403	4460700.59	5340090.54	504.28	0	D	A	73.9	-0.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-7.2
6405	4460701.60	5340090.80	504.28	0	D	A	73.9	0.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-6.6
6407	4460705.82	5340091.88	504.26	0	D	A	73.9	8.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	5.0	1.8	0.0	4.2
6409	4460710.07	5340092.96	504.25	0	D	A	73.9	0.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	5.0	1.8	0.0	-3.9
6410	4460712.36	5340093.55	504.24	0	D	A	73.9	5.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	5.0	1.8	0.0	0.8
6413	4460722.60	5340096.16	504.20	0	D	A	73.9	12.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	5.0	1.8	0.0	7.8
6414	4460732.39	5340098.66	504.16	0	D	A	73.9	4.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.1	1.8	0.0	-9.6
6495	4460680.69	5340085.46	504.37	1	D	A	73.9	4.1	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.4	1.8	33.0	-136.2
6497	4460712.21	5340093.51	504.24	1	D	A	73.9	6.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.6	1.8	13.4	-11.4
6498	4460707.49	5340092.31	504.26	1	D	A	73.9	7.2	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.6	1.8	13.4	-10.8
6499	4460720.59	5340095.65	504.20	1	D	A	73.9	11.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	4.1	1.9	25.0	-18.3
6508	4460732.81	5340061.18	504.19	0	D	A	73.9	8.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	8.1	1.8	0.0	1.3
6509	4460727.28	5340062.36	504.22	0	D	A	73.9	6.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.1	1.8	0.0	-1.1
6510	4460724.54	5340062.94	504.24	0	D	A	73.9	1.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-5.8
6511	4460719.41	5340064.03	504.27	0	D	A	73.9	9.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	8.1	1.8	0.0	2.3
6512	4460714.32	5340065.11	504.30	0	D	A	73.9	1.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-6.1
6513	4460713.09	5340065.37	504.31	0	D	A	73.9	0.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-6.7
6514	4460711.07	5340065.80	504.32	0	D	A	73.9	4.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-2.7
6516	4460709.16	5340066.21	504.33	0	D	A	73.9	-0.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-7.6
6518	4460706.50	5340066.77	504.35	0	D	A	73.9	6.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	8.0	1.8	0.0	-0.9
6521	4460698.76	5340068.41	504.39	0	D	A	73.9	10.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.0	1.8	0.0	3.1
6524	4460691.76	5340069.90	504.43	0	D	A	73.9	4.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	7.9	1.8	0.0	-2.7
6526	4460689.89	5340070.29	504.45	0	D	A	73.9	-0.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	7.9	1.8	0.0	-8.1
6528	4460686.74	5340070.96	504.46	0	D	A	73.9	7.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	7.8	1.8	0.0	0.1
6530	4460683.64	5340071.62	504.48	0	D	A	73.9	-1.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	7.8	1.8	0.0	-8.8
6548	4460683.33	5340071.69	504.48	2	D	A	73.9	-10.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	11.2	1.8	32.7	-154.8
6570	4460683.62	5340071.63	504.48	1	D	A	73.9	-1.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.8	1.8	31.1	-140.2
6575	4460704.63	5340067.17	504.36	1	D	A	73.9	6.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	4.3	1.9	25.2	-23.7
6577	4460700.50	5340068.04	504.38	1	D	A	73.9	6.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	4.3	1.9	25.2	-23.2
6853	4460734.85	5340099.31	504.15	0	D	A	73.9	4.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.9	1.8	0.0	-11.5
6854	4460738.24	5340100.22	504.14	0	D	A	73.9	6.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.9	1.8	0.0	-8.9
6855	4460742.45	5340101.35	504.13	0	D	A	73.9	6.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.8	1.8	0.0	-9.2
6856	4460746.55	5340102.45	504.12	0	D	A	73.9	6.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.8	1.8	0.0	-9.1
6857	4460749.27	5340103.18	504.12	0	D	A	73.9	1.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.8	1.8	0.0	-14.1
6858	4460752.96	5340104.17	504.11	0	D	A	73.9	8.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.8	1.8	0.0	-7.4
6859	4460757.88	5340105.49	504.10	0	D	A	73.9	5.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.8	1.8	0.0	-9.5
6860	4460761.57	5340106.48	504.09	0	D	A	73.9	5.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	15.8	1.8	0.0	-9.6
6862	4460767.10	5340107.97	504.08	0	D	A	73.9	8.8	0.9	3.0	0.0	69.0								

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7017	4460657.06	5340075.40	504.53	0	D	A	73.9	4.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.5	1.8	0.0	-3.0
7018	4460655.60	5340075.61	504.54	0	D	A	73.9	-5.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.7	1.8	0.0	-14.1
7021	4460651.25	5340076.23	504.54	0	D	A	73.9	9.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.6	1.8	0.0	0.8
7038	4460649.96	5340076.41	504.55	1	D	A	73.9	7.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-15.3
7042	4460682.42	5340071.82	504.49	2	D	A	73.9	2.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	11.2	1.8	32.7	-141.6
7059	4460680.41	5340072.10	504.49	1	D	A	73.9	3.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.7	1.8	31.1	-134.7
7061	4460682.45	5340071.82	504.49	1	D	A	73.9	2.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	7.8	1.8	31.1	-136.2
7282	4460824.53	5340111.22	503.86	0	D	A	73.9	9.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.0	1.8	0.0	-3.0
7283	4460829.88	5340107.29	503.87	0	D	A	73.9	6.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.2	1.8	0.0	2.3
7284	4460836.65	5340102.34	503.88	0	D	A	73.9	10.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	5.5	1.8	0.0	6.1
7322	4460838.59	5340100.91	503.88	1	D	A	73.9	8.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.1	1.8	6.2	-2.1
7325	4461156.70	5339851.57	503.96	0	D	A	73.9	7.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	5.8	1.7	0.0	7.3
7326	4461154.01	5339855.89	503.92	0	D	A	73.9	6.2	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	5.8	1.7	0.0	5.6
7331	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.7	1.7	0.0	9.4
7332	4460774.26	5340109.82	504.06	0	D	A	73.9	6.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	4.9	1.8	0.0	1.7
7333	4460776.55	5340110.36	504.05	0	D	A	73.9	-1.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	10.5	1.8	0.0	-11.9
7334	4460785.82	5340112.52	504.02	0	D	A	73.9	12.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	11.2	1.8	0.0	1.9
7360	4461163.35	5339846.87	503.93	0	D	A	73.9	7.5	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.8	1.7	0.0	7.0
7361	4461159.54	5339848.49	503.97	0	D	A	73.9	4.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.8	1.7	0.0	3.9
7438	4461170.42	5339846.79	503.90	0	D	A	73.9	8.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	5.8	1.7	0.0	7.8
7439	4461166.55	5339845.91	503.91	0	D	A	73.9	1.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.8	1.7	0.0	0.7
7444	4460649.30	5340077.79	504.53	0	D	A	73.9	9.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.5	1.8	0.0	1.1
7445	4460653.75	5340078.84	504.50	0	D	A	73.9	-6.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.6	1.8	0.0	-14.8
7446	4460654.95	5340079.12	504.49	0	D	A	73.9	3.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.4	1.8	0.0	-3.8
7448	4460661.21	5340080.59	504.45	0	D	A	73.9	10.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.4	1.8	0.0	3.0
7454	4460648.27	5340077.55	504.53	1	D	A	73.9	8.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-14.7
7461	4460630.18	5340051.57	504.55	0	D	A	73.9	6.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.9	1.8	0.0	-3.5
7464	4460631.55	5340041.41	504.57	0	D	A	73.9	12.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	11.1	1.8	0.0	1.5
7473	4460632.22	5340033.54	504.59	0	D	A	73.9	-1.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	11.7	1.8	0.0	-13.0
7474	4460631.06	5340042.11	504.57	0	D	A	73.9	12.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	11.0	1.8	0.0	1.6
7475	4460629.74	5340051.91	504.54	0	D	A	73.9	5.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.8	1.8	0.0	-4.6
7565	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.5	1.7	0.0	7.4
7579	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	5.5	1.7	0.0	7.2
7649	4460796.36	5340114.76	503.97	0	D	A	73.9	5.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	11.3	1.8	0.0	-5.8
7650	4460798.32	5340114.96	503.95	0	D	A	73.9	-1.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.9	1.8	0.0	-5.6
7651	4460800.13	5340115.14	503.93	0	D	A	73.9	4.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.9	1.8	0.0	0.1
7652	4460803.32	5340115.45	503.90	0	D	A	73.9	5.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.0	1.8	0.0	1.1
7653	4460806.94	5340115.80	503.86	0	D	A	73.9	5.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	10.4	1.8	0.0	-4.1
7731	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	5.6	1.7	0.0	6.8
7759	4460629.58	5340054.86	504.53	0	D	A	73.9	4.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.6	1.8	0.0	-4.9
7760	4460629.68	5340057.52	504.53	0	D	A	73.9	4.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.4	1.8	0.0	-5.1
7762	4460629.85	5340062.34	504.51	0	D	A	73.9	8.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.1	1.8	0.0	-0.4
7764	4460629.99	5340066.37	504.50	0	D	A	73.9	-0.2	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.8	1.8	0.0	-8.9
7782	4460630.38	5340065.99	504.50	0	D	A	73.9	1.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.9	1.8	0.0	-7.2
7783	4460630.22	5340061.74	504.51	0	D	A	73.9	8.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	9.1	1.8	0.0	-0.4
7785	4460630.03	5340056.95	504.53	0	D	A	73.9	4.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.4	1.8	0.0	-5.2
7786	4460629.95	5340054.63	504.54	0	D	A	73.9	3.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	9.6	1.8	0.0	-6.1
7787	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.6	1.8	0.0	6.4
7795	4460640.91	5340075.45	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	8.5	1.8	0.0	2.6
7803	4460645.39	5340076.45	504.54	1	D	A	73.9	5.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-17.8
7804	4460640.54	5340075.36	504.51	1	D	A	73.9	8.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-14.9
7806	4460637.26	5340074.63	504.50	1	D	A	73.9	-9.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-32.3
7808	4460635.99	5340074.34	504.49	1	D	A	73.9	4.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-19.1
7846	4460639.61	5340075.59	504.52	0	D	A	73.9	10.4	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	8.5	1.8	0.0	2.0
7862	4460635.62	5340074.71	504.50	1	D	A	73.9	4.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-18.6
7864	4460637.04	5340075.02	504.50	1	D	A	73.9	-9.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-32.3
7866	4460640.32	5340075.75	504.52	1	D	A	73.9	8.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-14.9
7868	4460644.25	5340076.62	504.55	1	D	A	73.9	1.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	11.6	1.9	11.1	-21.4
7912	4460630.58	5340067.86	504.50	0	D	A	73.9	3.7	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.8	1.8	0.0	-5.0
7913	4460632.70	5340071.64	504.49	0	D	A	73.9	8.0	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	8.6	1.8	0.0	-0.5
7916	4460633.10	5340071.25	504.49	0	D	A	73.9	8.2	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	8.6	1.8	0.0	-0.3
7917	4460630.92	5340067.56	504.50	0	D	A	73.9	3.0	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	8.8	1.8	0.0	-5.6
7919	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	13.3	1.8	0.0	-3.8
8017	4460810.82	5340116.01	503.84	0	D	A	73.9	6.1	0.9	3.0	0.0	68.9	1.9	4.						

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6580	4460785.48	5339855.19	505.13	0	D	A	72.2	6.1	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.3	1.8	0.0	-6.9
6582	4460774.12	5339852.63	505.14	0	D	A	72.2	12.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.1	1.8	0.0	-0.0
6583	4460762.41	5339849.99	505.14	0	D	A	72.2	6.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-6.0
6584	4460759.58	5339849.36	505.14	0	D	A	72.2	0.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-12.6
6585	4460758.03	5339849.01	505.15	0	D	A	72.2	3.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.9	1.8	0.0	-9.5
6586	4460755.71	5339848.48	505.15	0	D	A	72.2	4.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.9	1.8	0.0	-8.5
6653	4460774.97	5339852.82	505.14	1	D	A	72.2	7.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.9	1.8	8.8	-15.4
6655	4460769.92	5339851.69	505.14	1	D	A	72.2	6.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.8	1.8	8.9	-16.4
6657	4460767.64	5339851.17	505.14	1	D	A	72.2	-10.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	15.8	1.8	8.9	-33.8
6679	4460787.24	5339855.59	505.13	2	D	A	72.2	-3.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.4	1.8	8.6	-21.4
6777	4460651.38	5339826.34	505.32	0	D	A	72.2	11.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	7.0	1.8	0.0	6.1
6779	4460651.01	5339836.95	505.40	0	D	A	72.2	7.9	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.7	1.8	0.0	2.5
6782	4460650.74	5339844.72	505.46	0	D	A	72.2	9.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	5.9	1.8	0.0	5.0
6784	4460650.47	5339852.72	505.52	0	D	A	72.2	8.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	5.8	1.8	0.0	3.5
6791	4460651.03	5339836.42	505.40	3	D	A	72.2	1.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.6	1.8	10.4	-10.8
6792	4460650.96	5339838.56	505.41	3	D	A	72.2	4.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.6	1.8	10.4	-8.0
6793	4460650.39	5339855.02	505.54	2	D	A	72.2	3.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.9	1.8	14.6	-16.6
6795	4460658.89	5339801.43	505.26	0	D	A	72.2	14.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	7.4	1.8	0.0	8.8
6796	4460652.60	5339816.50	505.26	0	D	A	72.2	7.0	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	6.7	1.8	0.0	1.8
6807	4460663.71	5339789.87	505.26	1	D	A	72.2	4.2	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	10.4	1.8	15.2	-20.9
6808	4460662.46	5339792.86	505.26	1	D	A	72.2	5.9	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	10.3	1.8	15.2	-19.1
6809	4460659.57	5339799.80	505.26	1	D	A	72.2	10.5	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	10.0	1.8	25.8	-24.9
6815	4460662.23	5339793.41	505.26	1	D	A	72.2	10.1	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	1.1	1.8	5.3	5.1
6817	4460659.55	5339799.84	505.26	1	D	A	72.2	5.6	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	1.1	1.8	5.3	0.5
6819	4460657.42	5339804.96	505.26	1	D	A	72.2	8.7	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	1.1	1.8	5.3	3.5
6820	4460655.31	5339810.02	505.26	1	D	A	72.2	5.5	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	1.1	1.8	5.3	0.3
6821	4460663.27	5339790.91	505.26	2	D	A	72.2	6.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	0.3	1.8	5.5	2.1
6822	4460661.57	5339794.99	505.26	2	D	A	72.2	6.0	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	0.3	1.8	5.6	1.1
6823	4460656.69	5339806.70	505.26	2	D	A	72.2	13.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.4	1.8	8.5	5.2
6825	4460652.11	5339817.68	505.26	2	D	A	72.2	3.9	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.4	1.8	8.5	-4.4
6826	4460696.67	5339826.54	505.20	0	D	A	72.2	9.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-3.6
6827	4460697.79	5339821.03	505.22	0	D	A	72.2	3.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	14.9	1.8	0.0	-9.3
6829	4460698.22	5339818.91	505.23	0	D	A	72.2	3.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.0	1.8	0.0	-6.9
6831	4460700.10	5339809.67	505.26	0	D	A	72.2	12.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	0.0	1.5
6848	4460701.23	5339804.10	505.28	2	D	A	72.2	7.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.1	1.8	9.9	-4.2
6849	4460699.37	5339813.26	505.25	3	D	A	72.2	4.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.0	1.8	10.8	-7.9
6850	4460699.81	5339811.07	505.26	3	D	A	72.2	1.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.0	1.8	10.8	-10.8
6851	4460701.55	5339802.53	505.29	1	D	A	72.2	1.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	14.4	-23.4
6852	4460701.74	5339801.60	505.29	1	D	A	72.2	-4.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.8	1.8	14.4	-30.0
7103	4460739.51	5339844.63	505.14	0	D	A	72.2	1.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	14.0	1.8	0.0	-10.7
7104	4460738.37	5339844.31	505.14	0	D	A	72.2	0.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.8	1.8	0.0	-11.6
7105	4460730.69	5339842.13	505.15	0	D	A	72.2	11.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	13.8	1.8	0.0	-0.1
7106	4460721.77	5339839.60	505.16	0	D	A	72.2	5.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-7.5
7107	4460717.09	5339838.27	505.16	0	D	A	72.2	7.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.6	1.8	0.0	-5.9
7134	4460723.05	5339839.96	505.16	1	D	A	72.2	9.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	1.0	-0.9
7135	4460717.44	5339838.37	505.16	1	D	A	72.2	5.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.6	1.8	1.0	-6.2
7136	4460714.89	5339837.65	505.16	1	D	A	72.2	1.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.7	1.8	1.0	-10.1
7137	4460716.40	5339838.08	505.16	2	D	A	72.2	4.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.6	1.8	8.2	-11.2
7138	4460714.66	5339837.58	505.16	2	D	A	72.2	0.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	11.4	1.8	8.7	-18.3
7140	4460720.55	5339839.26	505.16	2	D	A	72.2	1.9	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	8.1	1.8	8.1	-12.7
7141	4460718.35	5339838.63	505.16	2	D	A	72.2	4.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	8.1	1.8	8.1	-9.9
7142	4460716.38	5339838.07	505.16	3	D	A	72.2	2.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	6.9	1.8	11.6	-15.1
7143	4460714.88	5339837.65	505.16	3	D	A	72.2	1.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.9	1.8	11.6	-15.4
7148	4460696.15	5339790.96	505.49	0	D	A	72.2	6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	15.4	1.8	0.0	-6.8
7150	4460692.45	5339789.55	505.49	0	D	A	72.2	5.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.4	1.8	0.0	-6.3
7152	4460685.52	5339786.90	505.48	0	D	A	72.2	10.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	12.8	1.8	0.0	-0.0
7153	4460678.05	5339784.04	505.47	0	D	A	72.2	6.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	11.7	1.8	0.0	-2.6
7164	4460697.25	5339791.38	505.49	2	D	A	72.2	2.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	1.2	1.8	6.7	-5.6
7165	4460692.45	5339789.55	505.49	2	D	A	72.2	9.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.3	1.8	6.7	1.0
7166	4460680.57	5339785.00	505.47	1	D	A	72.2	8.4	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	12.2	1.8	15.2	-18.1
7167	4460676.56	5339783.47	505.47	1	D	A	72.2	2.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	11.6	1.8	15.2	-23.7
7172	4460679.35	5339784.54	505.47	1	D	A	72.2	8.8	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	5.1	1.8	8.6	-3.5
7174	4460697.61	5339791.52	505.49	2	D	A	72.2	0.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	10.5	1.8	11.7	-20.3
7175	4460690.13	5339788.66	505.48	2	D	A	72.2	8.4	0.9	3.0										

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7183	4460817.11	5339864.01	505.11	0	D	A	72.2	7.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.1	1.8	0.0	-5.6
7184	4460814.41	5339862.92	505.12	0	D	A	72.2	-1.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.2	1.8	0.0	-14.1
7185	4460813.76	5339862.66	505.12	0	D	A	72.2	-1.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.3	1.8	0.0	-14.7
7186	4460812.70	5339862.23	505.12	0	D	A	72.2	2.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.3	1.8	0.0	-10.7
7187	4460810.55	5339861.36	505.13	0	D	A	72.2	4.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.4	1.8	0.0	-8.2
7188	4460806.30	5339859.65	505.14	0	D	A	72.2	7.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.6	1.8	0.0	-5.2
7189	4460803.09	5339858.35	505.15	0	D	A	72.2	-1.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.7	1.8	0.0	-14.6
7211	4460805.24	5339859.22	505.14	1	D	A	72.2	5.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	1.0	-6.2
7212	4460803.18	5339858.39	505.15	1	D	A	72.2	-0.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.8	1.8	1.0	-11.9
7213	4460803.59	5339858.56	505.15	2	D	A	72.2	2.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-15.4
7226	4460821.74	5339865.88	505.10	1	D	A	72.2	1.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.0	1.8	1.0	-11.2
7227	4460819.92	5339865.15	505.10	1	D	A	72.2	4.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.9	1.8	1.0	-8.6
7228	4460818.34	5339864.51	505.11	1	D	A	72.2	-0.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.5	1.8	1.0	-12.9
7229	4460815.41	5339863.33	505.12	1	D	A	72.2	7.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.2	1.8	1.0	-4.5
7230	4460812.50	5339862.15	505.12	1	D	A	72.2	-0.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.1	1.8	6.3	-18.0
7231	4460811.80	5339861.87	505.13	1	D	A	72.2	-1.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.1	1.8	6.3	-18.7
7232	4460810.66	5339861.41	505.13	1	D	A	72.2	2.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.0	1.8	6.3	-14.6
7233	4460809.57	5339860.97	505.13	1	D	A	72.2	-2.4	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.0	1.8	6.3	-19.5
7234	4460808.07	5339860.37	505.14	1	D	A	72.2	4.3	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	13.0	1.8	6.3	-12.8
7235	4460821.34	5339865.72	505.10	2	D	A	72.2	3.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.8	1.8	11.5	-17.7
7236	4460820.64	5339865.44	505.10	3	D	A	72.2	5.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.2	1.8	12.5	-16.0
7237	4460819.24	5339864.87	505.10	2	D	A	72.2	3.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.8	1.8	11.5	-17.7
7238	4460817.03	5339863.98	505.11	2	D	A	72.2	3.9	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.9	1.8	8.6	-14.5
7239	4460815.49	5339863.36	505.11	2	D	A	72.2	-0.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.7	1.8	8.6	-19.0
7240	4460812.64	5339862.21	505.12	2	D	A	72.2	7.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.4	1.8	8.5	-10.7
7241	4460809.82	5339861.07	505.13	2	D	A	72.2	-1.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-19.1
7242	4460809.28	5339860.85	505.13	2	D	A	72.2	-4.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-22.2
7243	4460808.97	5339860.73	505.13	2	D	A	72.2	-5.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-23.3
7244	4460808.03	5339860.35	505.14	2	D	A	72.2	2.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-15.7
7245	4460806.98	5339859.93	505.14	2	D	A	72.2	-2.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-20.6
7246	4460805.54	5339859.34	505.14	2	D	A	72.2	4.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-13.9
7247	4460806.78	5339859.84	505.14	3	D	A	72.2	-4.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.7	1.8	12.5	-26.2
7248	4460805.77	5339859.44	505.14	3	D	A	72.2	2.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	12.5	-18.6
7249	4460804.64	5339858.98	505.15	3	D	A	72.2	-2.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	12.5	-23.5
7250	4460804.11	5339858.77	505.15	3	D	A	72.2	-2.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	12.5	-23.8
7251	4460803.29	5339858.44	505.15	3	D	A	72.2	0.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	12.5	-20.5
7252	4460817.77	5339864.28	505.11	3	D	A	72.2	3.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.2	1.8	12.5	-17.9
7254	4460815.41	5339863.33	505.12	3	D	A	72.2	4.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	11.1	1.8	12.5	-17.5
7255	4460813.76	5339862.66	505.12	3	D	A	72.2	-0.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	11.0	1.8	12.5	-22.1
7256	4460811.30	5339861.67	505.13	3	D	A	72.2	6.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.7	1.8	12.5	-14.9
7257	4460808.65	5339860.60	505.13	3	D	A	72.2	1.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.7	1.8	12.5	-20.2
7259	4460807.66	5339860.20	505.14	3	D	A	72.2	-0.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.7	1.8	12.5	-22.0
7261	4460807.08	5339859.97	505.14	3	D	A	72.2	-3.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.7	1.8	12.5	-25.2
7269	4460810.78	5339861.46	505.13	2	D	A	72.2	11.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	7.1	1.8	15.1	-10.2
7271	4460803.68	5339858.59	505.15	2	D	A	72.2	2.8	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.9	1.8	15.1	-18.6
7272	4460802.77	5339858.23	505.15	2	D	A	72.2	-12.0	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	6.9	1.8	15.0	-33.4
7274	4460821.73	5339865.88	505.10	3	D	A	72.2	1.6	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	7.4	1.8	47.5	-52.4
7370	4460802.30	5339858.14	505.15	0	D	A	72.2	-0.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.7	1.8	0.0	-13.7
7371	4460801.62	5339858.03	505.15	0	D	A	72.2	-3.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.7	1.8	0.0	-16.5
7372	4460799.83	5339857.72	505.15	0	D	A	72.2	5.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.6	1.8	0.0	-8.2
7373	4460792.87	5339856.55	505.14	0	D	A	72.2	10.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.4	1.8	0.0	-2.7
7387	4460801.69	5339858.04	505.15	1	D	A	72.2	3.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.8	1.8	1.0	-8.4
7389	4460799.83	5339857.72	505.15	1	D	A	72.2	2.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	1.0	-9.5
7391	4460798.79	5339857.55	505.15	1	D	A	72.2	-3.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	1.0	-15.0
7392	4460797.04	5339857.25	505.14	1	D	A	72.2	4.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	1.0	-6.8
7393	4460792.92	5339856.56	505.14	1	D	A	72.2	7.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	12.9	1.8	1.0	-4.6
7394	4460801.95	5339858.08	505.15	2	D	A	72.2	2.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-16.0
7396	4460799.57	5339857.68	505.15	2	D	A	72.2	5.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-13.0
7397	4460797.13	5339857.27	505.14	2	D	A	72.2	2.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-15.6
7398	4460796.02	5339857.08	505.14	2	D	A	72.2	-3.0	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.5	1.8	8.6	-21.1
7399	4460794.16	5339856.77	505.14	2	D	A	72.2	5.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.4	1.8	8.6	-12.9
7400	4460790.00	5339856.06	505.13	2	D	A	72.2	7.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.4	1.8	8.6	-10.9
7401	4460800.24	5339857.79	505.15	3	D	A	72.2	5.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	10.6	1.8	12.5	-15.9
7402	4460796.98	5339857.24	505.1																	

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7524	4460752.86	5339847.82	505.15	0	D	A	72.2	5.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.9	1.8	0.0	-7.7
7525	4460750.93	5339847.37	505.15	0	D	A	72.2	-1.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	14.1	1.8	0.0	-13.0
7526	4460745.35	5339846.05	505.14	0	D	A	72.2	10.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	14.1	1.8	0.0	-1.7
7550	4460699.52	5339835.94	505.12	0	D	A	72.2	11.0	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	15.0	1.8	0.0	-2.2
7582	4460710.13	5339838.73	505.12	0	D	A	72.2	9.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	15.0	1.8	0.0	-3.9
7583	4460704.69	5339840.48	505.07	0	D	A	72.2	4.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	14.2	1.8	0.0	-7.7
7595	4460713.39	5339837.69	505.16	1	D	A	72.2	2.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	12.7	1.8	1.0	-10.0
7596	4460712.12	5339838.09	505.15	2	D	A	72.2	6.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	11.3	1.8	8.7	-12.2
7597	4460707.62	5339839.54	505.10	2	D	A	72.2	7.2	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	11.1	1.8	8.7	-11.2
7598	4460713.16	5339837.76	505.16	3	D	A	72.2	-3.0	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	7.3	1.8	8.9	-17.8
7599	4460712.82	5339837.87	505.15	3	D	A	72.2	-6.6	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	7.4	1.8	8.9	-21.5
7600	4460713.51	5339837.65	505.16	3	D	A	72.2	1.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	6.9	1.8	11.6	-15.9
7834	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	8.3	1.8	0.0	2.6
7838	4460674.75	5339783.48	505.45	1	D	A	72.2	3.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	11.4	1.8	15.2	-22.5
7839	4460671.10	5339784.61	505.38	1	D	A	72.2	7.4	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	11.0	1.8	15.2	-18.1
7840	4460673.23	5339783.95	505.42	1	D	A	72.2	7.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	5.1	1.8	8.6	-5.1
7841	4460670.52	5339784.79	505.37	1	D	A	72.2	-4.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	5.6	1.8	8.9	-17.9
7842	4460670.28	5339784.86	505.37	1	D	A	72.2	-7.7	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.1	1.8	5.2	-12.6
7843	4460669.33	5339785.15	505.35	1	D	A	72.2	2.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.1	1.8	5.2	-2.3
7844	4460674.78	5339783.48	505.45	2	D	A	72.2	3.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.3	1.8	5.6	-1.4
7845	4460671.12	5339784.60	505.38	2	D	A	72.2	7.5	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.3	1.8	5.5	2.8
7904	4460699.86	5339795.15	505.43	0	D	A	72.2	7.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.9	1.8	0.0	-5.6
7905	4460698.42	5339792.32	505.48	0	D	A	72.2	1.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.3	1.8	0.0	-11.5
7906	4460699.54	5339794.53	505.44	2	D	A	72.2	8.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	1.2	1.8	6.6	-0.2
7907	4460699.56	5339794.57	505.44	2	D	A	72.2	8.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	10.3	1.8	11.7	-12.4
7908	4460698.12	5339791.74	505.49	2	D	A	72.2	-11.1	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	10.5	1.8	11.7	-31.6
7909	4460700.91	5339797.23	505.39	1	D	A	72.2	-5.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.3	1.8	14.9	-30.6
7910	4460700.37	5339796.17	505.41	1	D	A	72.2	3.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.1	1.8	14.9	-22.0
7972	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	8.1	1.8	0.0	1.2
7998	4460666.33	5339787.05	505.30	1	D	A	72.2	7.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	10.6	1.8	15.2	-17.9
7999	4460666.33	5339787.05	505.30	1	D	A	72.2	7.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.1	1.8	5.3	2.3
8000	4460666.33	5339787.05	505.30	2	D	A	72.2	7.3	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.3	1.8	5.5	2.6
8011	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	14.3	1.8	0.0	-5.8
8014	4460701.47	5339799.85	505.33	2	D	A	72.2	5.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.2	1.8	6.6	-3.2
8015	4460701.07	5339797.82	505.37	2	D	A	72.2	-0.3	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	1.2	1.8	6.6	-8.5
8016	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	12.5	1.8	14.7	-19.2
8031	4460822.08	5339867.80	505.08	0	D	A	72.2	4.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.2	1.8	0.0	-7.8
8036	4460822.38	5339866.20	505.09	0	D	A	72.2	-9.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	15.6	1.8	0.0	-22.4
8048	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	14.3	1.8	1.0	-7.9
8049	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.7	1.8	11.5	-16.0
8050	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	11.4	1.8	12.5	-16.8
8058	4460822.30	5339866.64	505.09	3	D	A	72.2	0.0	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	7.4	1.8	47.5	-54.0

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7675	4460702.58	5339843.50	505.03	0	D	A	67.4	5.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	13.5	1.8	0.0	-10.9
7676	4460699.74	5339855.26	504.98	0	D	A	67.4	13.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	11.9	1.8	0.0	-2.0
7677	4460696.38	5339869.20	504.92	0	D	A	67.4	9.1	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	12.0	1.8	0.0	-6.3
7678	4460695.28	5339873.74	504.90	0	D	A	67.4	0.7	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	11.9	1.8	0.0	-14.8
7721	4460701.48	5339848.07	505.01	2	D	A	67.4	9.2	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	10.4	1.8	8.6	-13.4
7723	4460699.36	5339856.86	504.98	2	D	A	67.4	9.9	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	9.9	1.8	11.6	-15.1
7725	4460697.63	5339864.02	504.94	2	D	A	67.4	6.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	5.9	1.8	10.2	-12.9
7883	4460694.32	5339878.22	504.87	0	D	A	67.4	9.0	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	11.4	1.8	0.0	-6.0
7887	4460691.65	5339890.97	504.77	0	D	A	67.4	12.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	7.6	1.8	0.0	1.1
8061	4460690.11	5339903.17	504.68	0	D	A	67.4	8.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	6.5	1.8	0.0	-2.2
8062	4460690.58	5339908.13	504.65	0	D	A	67.4	5.1	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	4.9	1.8	0.0	-3.8
8075	4460691.21	5339911.08	504.59	0	D	A	67.4	4.5	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	4.8	1.8	0.0	-4.4
8076	4460691.91	5339913.06	504.52	0	D	A	67.4	1.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	4.7	1.8	0.0	-7.4
8077	4460693.05	5339916.26	504.41	0	D	A	67.4	7.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.6	1.8	0.0	-2.4

Immissionspunkt
 Bez.: IO 4 Storch 22
 ID: IO
 X: 4461566.41 m
 Y: 5339727.04 m
 Z: 505.54 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
4	4461001.45	5339890.02	504.47	0	D	A	90.2	22.7	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	0.1	1.9	0.0	42.3
9	4460825.03	5339963.85	504.40	0	D	A	90.2	22.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.9	0.0	39.7
124	4460966.76	5339904.53	504.46	1	D	A	90.2	13.0	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.9	34.2	-3.2
134	4461084.61	5339855.22	504.51	1	D	A	90.2	8.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.1	1.9	19.5	4.7
145	4461085.79	5339854.72	504.51	3	D	A	90.2	6.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.7	1.9	21.7	-1.0
146	4461080.69	5339856.85	504.51	1	D	A	90.2	11.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.1	1.9	7.1	23.2
147	4461048.27	5339870.42	504.49	1	D	A	90.2	17.4	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.1	1.9	4.4	31.7
148	4461045.45	5339871.60	504.49	1	D	A	90.2	18.3	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	3.1	1.9	11.8	21.7
149	4460960.49	5339907.16	504.46	1	D	A	90.2	11.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.4	1.9	4.9	24.2
151	4460980.48	5339898.80	504.47	1	D	A	90.2	2.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.6	1.9	5.1	14.8
153	4460974.14	5339901.45	504.46	1	D	A	90.2	10.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.6	1.9	5.1	22.7
155	4460968.54	5339903.79	504.46	1	D	A	90.2	-5.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.8	1.9	6.3	4.3
157	4460967.84	5339904.08	504.46	1	D	A	90.2	0.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.2	1.9	4.7	13.8
165	4460882.04	5339939.99	504.42	1	D	A	90.2	6.8	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.6	1.9	33.1	-111.4
166	4460891.75	5339935.93	504.43	1	D	A	90.2	3.0	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	1.0	1.9	20.3	-2.8
167	4460887.71	5339937.62	504.43	1	D	A	90.2	8.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.8	1.9	19.8	3.3
173	4460899.23	5339932.80	504.43	1	D	A	90.2	6.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.6	1.9	9.9	11.2
174	4460896.94	5339933.76	504.43	1	D	A	90.2	-1.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.6	1.9	8.4	5.6
175	4460895.18	5339934.49	504.43	1	D	A	90.2	5.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.4	1.9	8.2	12.8
176	4460904.64	5339930.53	504.43	1	D	A	90.2	7.1	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.9	1.9	21.7	-0.1
177	4460901.77	5339931.74	504.43	1	D	A	90.2	0.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.7	1.9	21.3	-6.3
178	4460947.75	5339912.49	504.45	2	D	A	90.2	5.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.0	1.9	36.9	-13.9
179	4461009.83	5339886.51	504.48	2	D	A	90.2	0.3	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.0	1.9	21.3	-104.8
180	4461007.45	5339887.51	504.48	2	D	A	90.2	6.1	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.9	21.3	-98.9
181	4460918.31	5339924.81	504.44	1	D	A	90.2	3.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.9	07.8	-87.1
182	4460911.42	5339927.69	504.44	1	D	A	90.2	5.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.8	1.9	19.7	2.4
183	4460908.55	5339928.90	504.43	1	D	A	90.2	3.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	16.3	4.5
184	4461009.35	5339886.71	504.48	1	D	A	90.2	9.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	2.3	1.9	6.9	16.4
186	4461005.32	5339888.40	504.48	1	D	A	90.2	-1.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	1.8	1.9	6.4	7.3
187	4461001.07	5339890.18	504.47	1	D	A	90.2	9.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	1.5	1.9	6.1	18.4
188	4460994.43	5339892.95	504.47	1	D	A	90.2	7.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.1	1.9	5.7	17.6
190	4460990.09	5339894.77	504.47	1	D	A	90.2	5.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.4	1.9	5.0	16.8
192	4460987.20	5339895.98	504.47	1	D	A	90.2	4.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.4	1.9	5.0	15.8
197	4460991.17	5339894.32	504.47	3	D	A	90.2	6.1	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.9	9.7	12.6
199	4460988.38	5339895.49	504.47	3	D	A	90.2	2.9	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.1	1.9	9.7	9.4
200	4461086.58	5339854.39	504.51	1	D	A	90.2	-2.8	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	1.0	1.9	9.1	3.0
203	4461059.80	5339865.60	504.50	1	D	A	90.2	17.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	2.1	1.9	10.8	20.9
205	4461033.16	5339876.75	504.49	1	D	A	90.2	-6.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	4.2	1.9	13.0	-7.4
207	4461026.20	5339879.66	504.48	1	D	A	90.2	11.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	4.4	1.9	13.2	10.5
208	4461016.21	5339883.84	504.48	1	D	A	90.2	8.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	3.0	1.9	11.8	10.0
241	4461014.52	5339884.55	504.48	3	D	A	90.2	10.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	2.2	1.9	24.9	-1.1
243	4461004.45	5339888.76	504.48	3	D	A	90.2	10.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	1.2	1.9	22.8	1.9
246	4460999.44	5339890.86	504.47	3	D	A	90.2	-7.6	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.9	1.9	22.0	-14.9
249	4460999.33	5339890.91	504.47	3	D	A	90.2	-12.0	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.9	1.9	22.0	-19.3
251	4460998.00	5339891.46	504.47	3	D	A	90.2	4.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.8	1.9	21.9	-2.6
253	4460994.17	5339893.07	504.47	3	D	A	90.2	7.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.3	1.9	20.2	2.5
256	4461032.61	5339876.98	504.49	3	D	A	90.2	13.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.0	1.9	27.5	-2.5
258	4461020.82	5339881.91	504.48	3	D	A	90.2	3.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	3.0	1.9	26.2	-10.2
268	4460751.23	5339994.74	504.37	1	D	A	90.2	-7.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	2.2	1.9	11.3	-5.9
269	4460744.56	5339997.53	504.37	1	D	A	90.2	11.6	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	2.2	1.9	11.8	12.5
270	4460929.57	5339902.02	504.36	0	D	A	90.2	23.2	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.1	1.9	0.0	41.6
290	4460867.74	5339928.05	504.35	1	D	A	90.2	6.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.3	1.9	45.5	-24.3
291	4460873.22	5339925.74	504.35	1	D	A	90.2	8.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.7	1.9	21.7	0.6
292	4460877.17	5339924.08	504.35	1	D	A	90.2	2.9	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.0	1.9	22.4	-5.8
294	4460946.80	5339894.76	504.36	1	D	A	90.2	11.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	2.5	1.9	5.0	22.2
296	4460953.94	5339891.76	504.37	1	D	A	90.2	0.8	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	1.4	1.9	4.0	13.4
297	4460954.62	5339891.47	504.37	1	D	A	90.2	-5.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	3.4	1.9	5.4	3.7

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
298	4460960.07	5339889.18	504.37	1	D	A	90.2	10.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	3.1	1.9	7.6	17.9
300	4460966.22	5339886.59	504.37	1	D	A	90.2	2.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	1.1	1.9	5.6	13.9
308	4460881.43	5339922.28	504.36	1	D	A	90.2	4.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	1.8	1.9	10.2	9.5
311	4460883.15	5339921.56	504.36	1	D	A	90.2	-1.9	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	1.1	1.9	9.2	4.4
313	4460885.38	5339920.62	504.36	1	D	A	90.2	6.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	2.9	1.9	11.7	8.3
315	4460880.51	5339922.67	504.36	3	D	A	90.2	-3.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.9	1.9	21.5	-9.2
317	4460887.84	5339919.58	504.36	1	D	A	90.2	0.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	3.2	1.9	12.0	1.6
319	4460890.65	5339918.40	504.36	1	D	A	90.2	7.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	3.7	1.9	12.5	7.5
322	4460881.26	5339922.35	504.36	3	D	A	90.2	0.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.0	1.9	21.5	-5.7
324	4460882.24	5339921.94	504.36	3	D	A	90.2	0.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.0	1.9	21.6	-5.9
326	4460883.23	5339921.53	504.36	3	D	A	90.2	0.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.0	1.9	21.7	-6.0
334	4460895.10	5339916.53	504.36	1	D	A	90.2	3.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.9	7.3	13.6
336	4460897.90	5339915.35	504.36	1	D	A	90.2	5.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	1.4	1.9	10.3	11.3
338	4460901.47	5339913.85	504.36	1	D	A	90.2	6.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.0	1.9	11.0	10.3
341	4460894.21	5339916.90	504.36	2	D	A	90.2	3.3	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.2	1.9	45.9	-27.5
357	4460938.86	5339898.11	504.36	2	D	A	90.2	5.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.0	1.9	17.0	6.1
359	4460998.54	5339872.98	504.37	2	D	A	90.2	6.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.9	38.6	-16.1
360	4461000.87	5339872.00	504.37	2	D	A	90.2	0.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.0	1.9	38.6	-21.9
361	4460910.37	5339910.10	504.36	1	D	A	90.2	3.0	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.9	15.7	5.2
377	4460953.10	5339892.11	504.37	1	D	A	90.2	12.9	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.1	1.9	15.6	15.6
378	4461016.75	5339865.32	504.37	1	D	A	90.2	12.4	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	0.1	1.9	3.0	28.6
379	4461012.23	5339867.22	504.37	1	D	A	90.2	14.4	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	7.8	1.9	11.1	14.1
380	4460971.85	5339884.22	504.37	1	D	A	90.2	4.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.2	1.9	6.8	12.3
381	4460974.67	5339883.03	504.37	1	D	A	90.2	5.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.7	1.9	5.3	16.2
382	4460978.89	5339881.25	504.37	1	D	A	90.2	7.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	2.1	1.9	6.7	15.8
383	4460985.70	5339878.39	504.37	1	D	A	90.2	9.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	2.7	1.9	7.3	16.3
384	4460993.41	5339875.14	504.37	1	D	A	90.2	8.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	4.0	1.9	8.5	13.2
387	4460972.76	5339883.83	504.37	3	D	A	90.2	2.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	1.6	1.9	12.0	5.8
389	4460975.48	5339882.69	504.37	3	D	A	90.2	6.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.3	1.9	9.9	12.5
390	4461000.03	5339872.36	504.37	1	D	A	90.2	8.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.3	1.9	9.3	10.3
391	4461009.74	5339868.27	504.37	1	D	A	90.2	11.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	8.0	1.9	10.4	9.9
392	4461016.51	5339865.42	504.37	1	D	A	90.2	-6.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	7.5	1.9	10.3	-7.9
393	4461020.72	5339863.65	504.38	1	D	A	90.2	9.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	6.7	1.9	14.6	4.7
403	4460977.77	5339881.73	504.37	3	D	A	90.2	7.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.6	1.9	10.7	11.8
404	4460981.51	5339880.15	504.37	3	D	A	90.2	4.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	1.7	1.9	12.4	6.1
405	4460982.80	5339879.61	504.37	3	D	A	90.2	-12.1	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	1.8	1.9	12.5	-10.6
406	4460982.91	5339879.56	504.37	3	D	A	90.2	-7.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.8	1.9	12.5	-6.2
408	4460987.80	5339877.51	504.37	3	D	A	90.2	10.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.3	1.9	13.3	10.4
411	4460997.61	5339873.37	504.37	3	D	A	90.2	10.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	4.0	1.9	27.2	-5.1
413	4461003.68	5339870.82	504.37	3	D	A	90.2	3.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	5.4	1.9	28.4	-14.7
415	4461014.76	5339866.15	504.37	3	D	A	90.2	13.4	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	7.7	1.9	29.6	-8.3
416	4460742.19	5339921.97	504.38	0	D	A	90.2	13.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	29.6
417	4460755.30	5339926.74	504.38	0	D	A	90.2	6.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.0	1.9	0.0	22.4
418	4460759.44	5339928.24	504.38	0	D	A	90.2	6.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.0	1.9	0.0	22.7
420	4460766.50	5339930.82	504.37	0	D	A	90.2	10.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.0	1.9	0.0	26.4
421	4460778.56	5339935.20	504.37	0	D	A	90.2	11.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.0	1.9	0.0	28.1
422	4460789.37	5339939.13	504.37	0	D	A	90.2	9.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.9	0.0	25.4
436	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.5	1.8	0.0	30.4
451	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.1	1.8	0.0	30.7
460	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.3	1.8	0.0	29.6
470	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.9	1.8	0.0	30.0
491	4461117.94	5339817.77	504.40	3	D	A	90.2	5.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	12.8	1.9	26.4	-117.2
494	4461117.90	5339820.34	504.40	3	D	A	90.2	2.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	12.8	1.9	26.4	-119.7
500	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.7	1.8	0.0	30.1
513	4461117.57	5339814.47	504.40	3	D	A	90.2	4.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	12.8	1.9	26.4	-117.9
516	4461117.93	5339815.98	504.39	3	D	A	90.2	-5.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	12.8	1.9	26.3	-127.6
522	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.0	1.8	0.0	30.6
538	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	64.3	1.3	4.7	0.0	0.0	1.5	1.8	0.0	29.1
558	4461111.76	5339800.58	504.40	1	D	A	90.2	6.1	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.9	7.1	17.5
559	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	64.5	1.3	4.7	0.0	0.0	2.3	1.8	0.0	28.2
571	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.0	1.8	0.0	30.5
582	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	64.4	1.3	4.7	0.0	0.0	2.4	1.8	0.0	28.0
598	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.0	1.8	0.0	30.3
618	4461097.62	5339848.99	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0				

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
643	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	64.7	1.4	4.7	0.0	0.0	1.5	1.8	0.0	28.6
655	4461085.74	5339788.46	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	1.5	1.9	9.1	17.0
656	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	65.0	1.4	4.7	0.0	0.0	0.2	1.8	0.0	29.7
662	4461072.30	5339792.26	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	3.0	1.9	11.0	13.7
664	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	64.8	1.4	4.7	0.0	0.0	1.0	1.8	0.0	28.9
666	4461078.81	5339789.60	504.40	1	D	A	90.2	8.4	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	2.3	1.9	10.2	15.1
668	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	65.1	1.4	4.7	0.0	0.0	0.1	1.8	0.0	29.5
670	4461065.98	5339796.83	504.39	1	D	A	90.2	7.5	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.5	1.9	7.5	15.8
671	4461068.60	5339794.45	504.38	1	D	A	90.2	1.6	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.3	1.9	7.3	10.1
672	4461055.50	5339814.36	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	65.3	1.4	4.7	0.0	0.0	0.1	1.9	0.0	29.5
681	4461056.20	5339812.15	504.45	2	D	A	90.2	4.4	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.0	1.9	46.3	-38.5
685	4461055.50	5339814.36	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.7	1.9	7.7	16.5
687	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	65.2	1.4	4.7	0.0	0.0	0.1	1.9	0.0	29.4
702	4461058.19	5339807.61	504.45	2	D	A	90.2	8.6	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.0	1.9	46.3	-34.3
710	4461058.19	5339807.61	504.45	1	D	A	90.2	8.6	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.9	1.9	7.8	16.1
712	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	65.2	1.4	4.7	0.0	0.0	0.1	1.9	0.0	29.4
730	4461060.18	5339803.82	504.43	2	D	A	90.2	1.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	13.0	1.9	46.3	-41.3
737	4461061.82	5339801.55	504.41	1	D	A	90.2	8.5	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	3.7	1.9	7.7	16.3
738	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	65.5	1.4	4.7	0.0	0.0	0.1	1.9	0.0	29.3
747	4461049.71	5339835.38	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.1	1.9	4.4	23.4
748	4461048.32	5339838.56	504.38	1	D	A	90.2	-3.2	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.8	1.9	12.6	-1.1
749	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	0.1	1.9	0.0	29.3
755	4461052.37	5339827.77	504.37	3	D	A	90.2	3.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	12.3	1.9	34.5	-127.5
756	4461052.92	5339825.84	504.35	3	D	A	90.2	2.7	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	12.3	1.9	34.4	-128.0
757	4461052.18	5339828.45	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.5	1.9	4.8	22.4
758	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	65.5	1.5	4.7	0.0	0.0	0.1	1.9	0.0	29.3
769	4461045.92	5339842.68	504.38	1	D	A	90.2	7.8	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.1	1.9	4.4	22.4
770	4461047.84	5339839.45	504.38	1	D	A	90.2	1.9	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.1	1.9	4.4	16.4
771	4461046.31	5339842.01	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.9	1.9	12.7	10.6
772	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	65.3	1.4	4.7	0.0	0.0	0.1	1.9	0.0	29.3
778	4461053.36	5339823.85	504.35	3	D	A	90.2	3.5	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	12.3	1.9	34.3	-127.2
780	4461053.80	5339821.22	504.39	3	D	A	90.2	4.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	12.3	1.9	34.2	-125.6
781	4461053.77	5339821.41	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	2.1	1.9	6.2	19.5
782	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	65.6	1.5	4.7	0.0	0.0	0.1	1.9	0.0	29.1
787	4461042.16	5339848.16	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.1	1.9	4.4	23.3
789	4461042.16	5339848.16	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.1	1.9	8.7	14.3
791	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	0.1	1.9	0.0	28.3
798	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.1	1.9	4.4	22.6
799	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.4	1.9	9.0	13.0
800	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	65.8	1.5	4.7	0.0	0.0	0.1	1.9	0.0	28.1
809	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.1	1.9	4.4	22.6
810	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.9	1.9	9.4	12.2
812	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	65.9	1.5	4.7	0.0	0.0	0.1	1.9	0.0	28.1
826	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.1	1.9	4.4	22.7
828	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.4	1.9	9.8	11.3
841	4460797.01	5339941.53	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.9	0.0	25.6
842	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.9	0.0	25.4
852	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.9	0.0	25.2
853	4460810.69	5339944.31	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.9	0.0	25.0
855	4460817.38	5339944.75	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.9	0.0	24.9
857	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.9	0.0	24.7
861	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.2	1.9	0.0	24.3
862	4460714.56	5339914.52	504.38	1	D	A	90.2	-8.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	8.2	-1.3
863	4460715.66	5339914.53	504.38	1	D	A	90.2	3.1	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	8.2	10.2
864	4460717.05	5339914.55	504.37	1	D	A	90.2	-1.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	18.3	-4.5
865	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	0.0	24.2
879	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.0	1.9	0.0	24.3
887	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	24.1
888	4460719.63	5339914.99	504.39	0	D	A	90.2	6.6	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.2	1.9	0.0	22.1
889	4460723.15	5339915.69	504.42	0	D	A	90.2	4.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.2	1.9	0.0	19.8
895	4460718.32	5339914.74	504.38	1	D	A	90.2	2.7	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	18.4	-0.6
896	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.0	1.9	0.0	24.2
897	4460726.05	5340004.60	504.39	1	D	A	90.2	3.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	4.6	1.9	9.5	4.3
898	4460722.72	5340005.35	504.38	1	D	A	90.2	6.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.9	1.9	6.9	

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
907	4460668.20	5339971.73	504.39	0	D	A	90.2	6.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	21.3
908	4460667.26	5339967.83	504.39	0	D	A	90.2	5.7	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	20.7
917	4460701.96	5340004.89	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.0	1.9	0.0	24.0
926	4460701.96	5340004.89	504.37	1	D	A	90.2	8.8	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.9	1.9	5.8	16.8
928	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.0	1.9	0.0	24.0
935	4460716.89	5340006.06	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.5	1.9	6.5	15.3
937	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.9
942	4460695.20	5340002.65	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.6	1.9	5.5	16.7
943	4460666.88	5339955.56	504.39	0	D	A	90.2	7.7	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	22.7
944	4460667.41	5339951.78	504.38	0	D	A	90.2	2.5	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	17.6
958	4460666.63	5339957.38	504.40	1	D	A	90.2	3.4	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	4.8	1.9	27.5	-15.1
960	4460667.16	5339953.59	504.39	1	D	A	90.2	7.4	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	3.8	1.9	26.6	-9.2
962	4460666.49	5339958.35	504.40	2	D	A	90.2	-6.3	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	4.3	1.9	66.4	-163.5
964	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.8
976	4460666.68	5339962.89	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.0
977	4460666.51	5339959.11	504.40	0	D	A	90.2	1.1	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	16.1
994	4460666.50	5339959.03	504.40	1	D	A	90.2	0.6	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	4.9	1.9	27.5	-18.0
996	4460666.54	5339959.92	504.40	2	D	A	90.2	4.7	0.9	3.0	0.0	71.7	2.4	4.7	0.0	0.0	4.3	1.9	66.4	-152.6
997	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.7
1000	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.6
1029	4460667.71	5339950.26	504.38	0	D	A	90.2	1.2	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	16.2
1031	4460668.30	5339948.17	504.38	0	D	A	90.2	4.8	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	19.9
1033	4460669.10	5339945.29	504.39	0	D	A	90.2	4.7	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	19.7
1040	4460668.02	5339949.17	504.38	1	D	A	90.2	5.5	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	3.4	1.9	26.0	-9.9
1041	4460668.52	5339947.37	504.38	1	D	A	90.2	-7.6	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	3.5	1.9	26.2	-23.4
1042	4460668.87	5339946.11	504.38	1	D	A	90.2	3.9	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	3.6	1.9	26.3	-12.2
1045	4460669.35	5339944.41	504.39	1	D	A	90.2	0.4	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	4.6	1.9	27.3	-17.7
1052	4460679.59	5339928.72	504.36	0	D	A	90.2	3.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.0	1.9	0.0	18.6
1056	4460682.08	5339926.36	504.36	0	D	A	90.2	6.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.0	1.9	0.0	21.9
1063	4460684.64	5339924.15	504.35	0	D	A	90.2	3.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.0	1.9	0.0	18.5
1064	4460687.41	5339922.21	504.35	0	D	A	90.2	6.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	0.0	21.9
1069	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.5
1080	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	23.4
1082	4460670.20	5339977.00	504.37	0	D	A	90.2	8.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.0	1.9	0.0	23.4
1102	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.0	1.9	0.0	22.8
1104	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.0	1.9	0.0	22.8
1109	4460669.88	5339943.08	504.38	1	D	A	90.2	2.5	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	4.9	1.9	27.5	-16.1
1110	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.0	1.9	0.0	22.4

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1223	4460742.73	5339851.07	505.12	0	D	A	73.9	10.2	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	4.8	1.9	0.0	5.2
1225	4460731.41	5339864.04	505.07	0	D	A	73.9	13.8	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	1.4	1.9	0.0	12.0
1226	4460722.28	5339874.50	505.04	0	D	A	73.9	5.8	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.7	1.9	0.0	3.6
1227	4460718.19	5339879.17	505.02	0	D	A	73.9	9.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	1.5	1.9	0.0	7.3
1228	4460714.45	5339883.47	505.01	0	D	A	73.9	4.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.3	1.9	0.0	2.5
1229	4460711.88	5339886.40	505.00	0	D	A	73.9	7.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.2	1.9	0.0	5.2
1235	4460744.04	5339849.57	505.12	1	D	A	73.9	2.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	5.4	1.9	42.6	-145.9
1237	4460738.26	5339856.19	505.10	1	D	A	73.9	2.6	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.0	1.9	5.3	-6.2
1239	4460735.40	5339859.47	505.09	1	D	A	73.9	8.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.3	1.9	4.0	1.6
1240	4460744.57	5339848.96	505.13	2	D	A	73.9	5.7	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	1.2	1.9	10.6	-6.4
1243	4460740.54	5339853.59	505.11	2	D	A	73.9	9.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.9	1.9	10.0	-2.0
1245	4460735.19	5339859.71	505.09	3	D	A	73.9	3.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.4	1.9	20.6	-17.8
1246	4460733.66	5339861.46	505.08	3	D	A	73.9	3.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.4	1.9	20.5	-18.1
1247	4460718.07	5339879.31	505.02	1	D	A	73.9	8.0	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	18.1	-11.1
1248	4460715.35	5339882.43	505.01	1	D	A	73.9	2.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.5	1.9	8.5	-6.9
1249	4460744.79	5339848.71	505.13	2	D	A	73.9	6.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	6.4	1.9	27.7	-28.3
1250	4460742.99	5339850.77	505.12	2	D	A	73.9	1.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	5.3	1.9	27.0	-31.5
1251	4460743.81	5339849.84	505.12	3	D	A	73.9	-2.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	5.5	1.9	46.1	-154.8
1252	4460743.17	5339850.56	505.12	3	D	A	73.9	1.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	5.1	1.9	46.1	-150.9
1253	4460737.75	5339856.78	505.10	3	D	A	73.9	3.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.9	1.9	25.8	-25.6
1254	4460736.86	5339857.80	505.10	3	D	A	73.9	-4.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.6	1.9	25.5	-33.6
1256	4460736.63	5339858.07	505.09	3	D	A	73.9	-4.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.6	1.9	25.4	-32.8
1258	4460735.44	5339859.43	505.09	3	D	A	73.9	5.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.3	1.9	25.0	-22.9
1260	4460734.09	5339860.96	505.08	3	D	A	73.9	-0.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.0	1.9	24.4	-27.8
1262	4460737.18	5339857.43	505.10	2	D	A	73.9	12.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	2.9	1.9	24.7	-15.9
1264	4460733.39	5339861.77	505.08	3	D	A	73.9	1.6	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.9	1.9	24.2	-25.1

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1401	4460749.54	5339886.11	504.85	0	D	A	73.9	5.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	3.1	1.9	0.0	2.3
1402	4460748.12	5339891.20	504.78	0	D	A	73.9	8.5	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	1.9	1.9	0.0	6.4
1403	4460746.89	5339895.64	504.72	0	D	A	73.9	3.4	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	1.3	1.9	0.0	1.9
1404	4460745.49	5339900.66	504.64	0	D	A	73.9	9.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.9	1.9	0.0	8.0
1405	4460743.54	5339907.70	504.54	0	D	A	73.9	8.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.5	1.9	0.0	7.2
1406	4460742.23	5339912.41	504.48	0	D	A	73.9	5.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.9	0.0	4.6
1407	4460740.81	5339917.55	504.41	0	D	A	73.9	8.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	8.2

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1396	4460680.70	5339831.10	505.49	0	D	A	78.7	11.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	7.1	1.9	0.0	8.0
1397	4460673.46	5339829.40	505.48	0	D	A	78.7	1.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.8	1.9	0.0	-0.4
1400	4460682.42	5339831.50	505.49	2	D	A	78.7	6.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.9	1.9	21.3	-11.7
1608	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	8.9	1.9	0.0	4.1

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1571	4460788.77	5339878.92	504.87	0	D	A	73.9	5.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	10.6	1.9	0.0	-4.7
1572	4460794.84	5339881.81	504.86	0	D	A	73.9	9.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	10.8	1.9	0.0	-0.5
1575	4460800.65	5339884.58	504.86	0	D	A	73.9	4.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.7	1.9	0.0	-4.4
1579	4460803.86	5339886.11	504.85	0	D	A	73.9	6.1	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.2	1.9	0.0	-2.6
1647	4460787.61	5339859.26	505.10	0	D	A	73.9	7.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	6.6	1.9	0.0	1.4
1648	4460786.60	5339863.26	505.06	0	D	A	73.9	3.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.8	1.9	0.0	-10.6
1649	4460785.63	5339867.07	505.03	0	D	A	73.9	7.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.7	1.9	0.0	-7.0
1650	4460784.74	5339870.56	505.00	0	D	A	73.9	2.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.6	1.9	0.0	-11.9
1651	4460784.30	5339872.29	504.98	0	D	A	73.9	2.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	14.6	1.9	0.0	-11.6
1660	4460788.26	5339856.71	505.12	1	D	A	73.9	-2.2	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	5.3	1.9	6.5	-13.7
1661	4460787.89	5339858.17	505.11	1	D	A	73.9	3.8	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	5.5	1.9	5.4	-6.7
1664	4460788.10	5339857.33	505.11	2	D	A	73.9	2.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.9	1.9	11.4	-10.3
1665	4460787.37	5339860.22	505.09	2	D	A	73.9	6.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.6	1.9	10.9	-6.2
1667	4460788.30	5339856.57	505.12	3	D	A	73.9	-5.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.9	11.3	-17.2
1669	4460787.94	5339857.98	505.11	3	D	A	73.9	4.1	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.3	1.9	11.5	-8.4
1836	4460810.47	5339888.15	504.82	0	D	A	73.9	9.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.0	1.9	0.0	1.5
1837	4460815.53	5339889.39	504.78	0	D	A	73.9	-2.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	9.1	1.9	0.0	-10.6
2030	4460785.61	5339875.67	504.93	0	D	A	73.9	7.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	12.8	1.9	0.0	-4.8

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1273	4460734.61	5339851.05	505.09	0	D	A	73.9	11.6	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	4.1	1.9	0.0	7.2
1275	4460721.72	5339865.63	505.03	0	D	A	73.9	13.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	1.0	1.9	0.0	12.4
1278	4460712.35	5339876.23	504.99	0	D	A	73.9	5.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.2	1.9	0.0	4.1
1281	4460708.22	5339880.90	504.97	0	D	A	73.9	9.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.0	1.9	0.0	7.7
1312	4460738.95	5339846.14	505.11	1	D	A	73.9	1.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	6.5	1.9	40.8	-146.6
1313	4460733.34	5339852.48	505.09	1	D	A	73.9	2.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	3.6	1.9	4.7	-6.2
1314	4460730.48	5339855.72	505.07	1	D	A	73.9	8.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	2.8	1.9	1.0	4.1
1315	4460734.90	5339850.72	505.09	2	D	A	73.9	5.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.9	1.9	10.0	-5.5
1316	4460730.75	5339855.41	505.08	2	D	A	73.9	9.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.6	1.9	9.7	-1.3
1317	4460730.40	5339855.81	505.07	3	D	A	73.9	3.8	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.5	1.9	10.5	-7.8
1318	4460728.87	5339857.54	505.07	3	D	A	73.9	3.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.5	1.9	20.8	-18.4
1319	4460718.26	5339869.54	505.02	1	D	A	73.9	8.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.2	1.9	17.9	-11.0
1321	4460715.51	5339872.65	505.01	1	D	A	73.9	2.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.4	1.9	18.5	-16.8
1323	4460738.60	5339846.53	505.11	2	D	A	73.9	3.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	6.7	1.9	27.9	-31.1
1324	4460737.64	5339847.62	505.11	2	D	A	73.9	-2.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	6.0	1.9	27.5	-36.8
1325	4460735.58	5339849.95	505.10	2	D	A	73.9	7.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	4.9	1.9	26.8	-24.5
1326	4460733.23	5339852.60	505.09	2	D	A	73.9	1.3	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.8	1.9	25.8	-28.8
1327	4460739.05	5339846.03	505.11	3	D	A	73.9	-2.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	6.8	1.9	44.1	-154.1
1328	4460738.42	5339846.74	505.11	3	D	A	73.9	1.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	6.3	1.9	44.6	-150.5
1329	4460732.97	5339852.90	505.09	3	D	A	73.9	3.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.6	1.9	26.7	-27.1
1330	4460732.08	5339853.90	505.08	3	D	A	73.9	-4.9	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.3	1.9	26.3	-35.0
1331	4460731.85	5339854.17	505.08	3	D	A	73.9	-4.2	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.2	1.9	26.3	-34.3
1332	4460730.66	5339855.52	505.07	3	D	A	73.9	5.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.9	1.9	25.8	-24.2
1333	4460729.32	5339857.03	505.07	3	D	A	73.9	-0.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.5	1.9	25.2	-29.1
1334	4460727.28	5339859.34	505.06	2	D	A	73.9	12.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.1	1.9	23.5	-13.9
1335	4460728.61	5339857.84	505.07	3	D	A	73.9	1.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.3	1.9	24.9	-26.3
1594	4460705.32	5339884.20	504.96	0	D	A	73.9	-7.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.9	1.9	0.0	-9.4

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1595	4460704.56	5339885.28	504.94	0	D	A	73.9	3.9	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.9	1.9	0.0	2.3
1598	4460700.15	5339891.59	504.86	0	D	A	73.9	11.1	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.7	1.9	0.0	9.7
1599	4460695.92	5339897.63	504.78	0	D	A	73.9	2.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.8	1.9	0.0	-1.0
1600	4460693.48	5339901.11	504.74	0	D	A	73.9	8.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.5	1.9	0.0	4.9
1904	4460691.80	5339912.75	504.53	0	D	A	73.9	8.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	7.0
1906	4460693.42	5339917.28	504.37	0	D	A	73.9	5.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	4.1
2065	4460691.42	5339904.93	504.69	0	D	A	73.9	3.4	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.1	1.9	0.0	0.4
2066	4460691.11	5339907.12	504.67	0	D	A	73.9	3.5	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.8	1.9	0.0	0.8
2068	4460690.94	5339908.30	504.65	0	D	A	73.9	-8.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	0.0	-10.6
2070	4460690.83	5339909.06	504.64	0	D	A	73.9	1.4	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	0.4

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
830	4461081.14	5339920.30	504.02	0	D	A	73.9	22.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.0	1.9	0.0	26.8
843	4461039.54	5339962.95	504.15	0	D	A	73.9	21.1	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.1	1.9	0.0	24.6
860	4460913.86	5340049.33	503.98	0	D	A	73.9	22.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.9	0.0	23.6
1098	4461120.56	5339907.28	504.18	0	D	A	73.9	18.3	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.0	1.8	0.0	23.6
1116	4460805.31	5340041.32	504.09	0	D	A	73.9	21.6	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.0	1.9	0.0	21.5
1117	4460790.01	5340045.56	504.11	2	D	A	73.9	-3.8	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	42.0	-46.8
1118	4460788.62	5340045.94	504.11	1	D	A	73.9	-7.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-13.0
1119	4460781.85	5340047.82	504.12	1	D	A	73.9	11.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	4.8	6.0
1120	4460922.88	5340007.55	503.96	0	D	A	73.9	20.1	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.9	0.0	21.6
1129	4460915.82	5340009.68	503.97	1	D	A	73.9	15.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.0	1.9	42.4	-28.4
1130	4461162.48	5339875.40	504.13	0	D	A	73.9	15.9	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.8	0.0	22.2
1131	4460991.84	5339980.68	503.97	0	D	A	73.9	16.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	0.1	1.9	0.0	19.4
1136	4460633.66	5340022.57	504.63	0	D	A	73.9	13.3	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	7.2	1.9	0.0	4.3
1137	4460636.27	5339994.77	504.74	0	D	A	73.9	15.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	1.3	1.9	0.0	12.3
1138	4460638.37	5339972.29	504.83	0	D	A	73.9	10.3	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.3	1.9	0.0	7.4
1139	4460639.22	5339963.26	504.86	0	D	A	73.9	8.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.3	1.9	0.0	5.8
1140	4460639.71	5339958.10	504.88	0	D	A	73.9	4.9	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.5	1.9	0.0	1.7
1141	4460639.98	5339955.14	504.89	0	D	A	73.9	4.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.4	1.9	0.0	1.6
1148	4460637.20	5339984.80	504.78	1	D	A	73.9	7.1	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-43.9
1149	4460637.48	5339981.79	504.79	1	D	A	73.9	-0.4	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-51.4
1150	4460636.70	5339990.11	504.76	1	D	A	73.9	7.1	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-43.8
1151	4460636.97	5339987.29	504.77	1	D	A	73.9	-3.2	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-54.2
1152	4460636.40	5339993.31	504.74	1	D	A	73.9	5.5	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	0.0	1.9	49.2	-47.5
1153	4460636.69	5339990.27	504.76	1	D	A	73.9	4.1	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	0.0	1.9	49.3	-48.9
1154	4460637.06	5339986.32	504.77	1	D	A	73.9	7.6	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	0.0	1.9	49.3	-45.4
1157	4460636.90	5339987.97	504.77	1	D	A	73.9	14.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.1	1.9	5.0	7.3
1158	4460638.31	5339973.02	504.82	1	D	A	73.9	5.4	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	8.0	-4.7
1159	4460639.49	5339960.42	504.87	2	D	A	73.9	4.9	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	46.6	-44.3
1160	4460639.27	5339962.72	504.86	2	D	A	73.9	3.2	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	48.9	-148.3
1162	4460633.92	5340019.78	504.64	1	D	A	73.9	-5.8	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	18.2	-26.1
1164	4460632.92	5340030.41	504.60	2	D	A	73.9	7.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	19.3	-13.7
1165	4460635.16	5340006.59	504.69	1	D	A	73.9	2.9	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.0	1.9	46.0	-145.6
1166	4460635.38	5340004.26	504.70	1	D	A	73.9	4.4	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.0	1.9	46.0	-144.1
1167	4460633.78	5340021.23	504.63	2	D	A	73.9	0.1	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	49.4	-152.0
1168	4460633.93	5340019.70	504.64	2	D	A	73.9	3.1	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	49.4	-149.0
1169	4460633.72	5340021.93	504.63	2	D	A	73.9	-3.9	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	49.5	-156.1
1170	4460639.80	5339953.73	504.90	0	D	A	73.9	-10.7	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.5	1.9	0.0	-13.8
1171	4460639.66	5339955.22	504.89	0	D	A	73.9	4.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.4	1.9	0.0	1.7
1172	4460639.38	5339958.18	504.88	0	D	A	73.9	4.9	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.5	1.9	0.0	1.8
1173	4460638.89	5339963.35	504.86	0	D	A	73.9	8.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.2	1.9	0.0	5.8
1174	4460638.03	5339972.38	504.83	0	D	A	73.9	10.3	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.3	1.9	0.0	7.4
1175	4460635.90	5339994.88	504.74	0	D	A	73.9	15.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	1.2	1.9	0.0	12.4
1176	4460633.27	5340022.60	504.63	0	D	A	73.9	13.3	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	7.0	1.9	0.0	4.5
1185	4460635.06	5340003.73	504.70	1	D	A	73.9	4.4	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.0	1.9	46.0	-144.1
1186	4460634.84	5340006.05	504.70	1	D	A	73.9	2.9	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.0	1.9	45.9	-145.6
1187	4460633.52	5340019.94	504.64	2	D	A	73.9	3.1	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	49.5	-149.0
1188	4460633.38	5340021.47	504.63	2	D	A	73.9	0.1	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	49.5	-152.0
1189	4460633.31	5340022.17	504.63	2	D	A	73.9	-3.9	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	49.5	-156.1
1190	4460637.13	5339981.84	504.79	1	D	A	73.9	-0.4	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-51.4
1191	4460636.85	5339984.85	504.78	1	D	A	73.9	7.1	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-43.9
1192	4460636.61	5339987.35	504.77	1	D	A	73.9	-3.2	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-54.2
1193	4460636.34	5339990.16	504.76	1	D	A	73.9	7.1	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.0	1.9	47.7	-43.8
1195	4460636.33	5339990.32	504.76	1	D	A	73.9	4.1	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	0.0	1.9	49.3	-48.9
1196	4460636.04	5339993.36	504.74	1	D	A	73.9	5.5	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	0.0	1.9	49.2	-47.4

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1198	4460636.70	5339986.37	504.77	1	D	A	73.9	7.6	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	0.0	1.9	49.3	-45.4
1199	4460638.00	5339972.69	504.83	1	D	A	73.9	5.4	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	8.0	-4.7
1200	4460636.58	5339987.63	504.77	1	D	A	73.9	14.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.1	1.9	5.0	7.3
1201	4460639.16	5339960.43	504.87	2	D	A	73.9	4.9	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	46.6	-44.3
1202	4460638.95	5339962.73	504.86	2	D	A	73.9	3.2	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.0	1.9	48.8	-148.3
1204	4460633.57	5340019.39	504.64	1	D	A	73.9	-5.8	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	18.2	-26.1
1205	4460632.52	5340030.46	504.60	2	D	A	73.9	7.4	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	19.3	-13.9
1206	4460680.03	5340085.30	504.37	0	D	A	73.9	14.5	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.0	1.9	0.0	12.9
1207	4460711.89	5340093.43	504.24	0	D	A	73.9	15.7	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	5.9	1.9	0.0	8.6
1209	4460731.87	5340098.53	504.16	0	D	A	73.9	5.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	8.3	1.9	0.0	-3.8
1213	4460711.54	5340093.34	504.24	2	D	A	73.9	7.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.0	1.9	19.7	-14.8
1214	4460695.04	5340089.13	504.31	1	D	A	73.9	-2.7	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	18.3	-23.1
1215	4460702.42	5340091.01	504.28	1	D	A	73.9	11.7	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.0	1.9	44.1	-34.6
1216	4460730.71	5340098.23	504.16	2	D	A	73.9	5.7	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.0	1.9	46.4	-43.4
1217	4460727.44	5340097.40	504.18	2	D	A	73.9	-4.1	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.0	1.9	46.4	-53.1
1218	4460728.14	5340097.58	504.17	2	D	A	73.9	0.2	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.0	1.9	46.4	-48.8
1219	4460728.84	5340097.75	504.17	2	D	A	73.9	-4.1	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.0	1.9	46.4	-53.1
1220	4460678.68	5340084.95	504.37	1	D	A	73.9	8.2	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	1.9	1.9	50.0	-145.5
1221	4460672.52	5340083.38	504.40	1	D	A	73.9	8.7	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	1.7	1.9	50.2	-145.1
1336	4460709.80	5340066.07	504.33	0	D	A	73.9	17.3	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	0.1	1.9	0.0	16.1
1337	4460710.93	5340065.83	504.32	1	D	A	73.9	9.4	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.0	1.9	8.0	-0.5
1338	4460719.35	5340064.04	504.27	1	D	A	73.9	9.3	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.0	1.9	8.0	-0.7
1339	4460686.37	5340071.04	504.47	1	D	A	73.9	8.0	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.0	1.9	18.1	-12.0
1340	4460645.88	5339903.74	505.20	0	D	A	73.9	7.9	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	5.3
1341	4460645.42	5339907.53	505.18	0	D	A	73.9	1.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.3	1.9	0.0	-1.2
1342	4460644.88	5339911.91	505.15	0	D	A	73.9	8.7	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	1.2	1.9	0.0	6.1
1344	4460644.29	5339916.75	505.12	0	D	A	73.9	3.7	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	1.4	1.9	0.0	0.8
1346	4460644.14	5339917.98	505.11	0	D	A	73.9	-7.8	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	1.5	1.9	0.0	-10.7
1349	4460643.62	5339922.29	505.09	0	D	A	73.9	9.3	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	1.7	1.9	0.0	6.2
1351	4460642.70	5339929.84	505.04	0	D	A	73.9	8.3	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	2.0	1.9	0.0	4.8
1352	4460642.08	5339934.93	505.01	0	D	A	73.9	5.5	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	2.1	1.9	0.0	1.9
1354	4460640.84	5339945.19	504.95	0	D	A	73.9	12.3	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.7	1.9	0.0	9.1
1359	4460642.38	5339932.47	505.03	1	D	A	73.9	4.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-5.7
1360	4460642.06	5339935.11	505.01	1	D	A	73.9	3.9	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-6.4
1361	4460641.90	5339936.40	505.00	1	D	A	73.9	-7.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-17.9
1362	4460641.37	5339940.82	504.98	1	D	A	73.9	9.4	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-0.9
1363	4460640.83	5339945.25	504.95	1	D	A	73.9	-7.5	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	8.2	-17.8
1366	4460640.63	5339946.91	504.94	1	D	A	73.9	5.0	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	8.2	-5.4
1368	4460641.15	5339945.15	504.95	0	D	A	73.9	12.4	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	1.8	1.9	0.0	9.0
1369	4460642.38	5339934.87	505.01	0	D	A	73.9	5.5	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	2.2	1.9	0.0	1.8
1370	4460643.00	5339929.78	505.04	0	D	A	73.9	8.3	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	2.0	1.9	0.0	4.8
1371	4460643.90	5339922.23	505.08	0	D	A	73.9	9.3	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	1.7	1.9	0.0	6.1
1373	4460644.42	5339917.93	505.11	0	D	A	73.9	-7.8	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	1.5	1.9	0.0	-10.8
1375	4460644.57	5339916.69	505.12	0	D	A	73.9	3.7	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	1.4	1.9	0.0	0.8
1377	4460645.15	5339911.86	505.14	0	D	A	73.9	8.7	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	1.2	1.9	0.0	6.1
1378	4460645.68	5339907.48	505.17	0	D	A	73.9	1.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.3	1.9	0.0	-1.2
1380	4460646.13	5339903.76	505.19	0	D	A	73.9	7.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	5.2
1388	4460640.92	5339947.04	504.94	1	D	A	73.9	5.0	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	8.2	-5.4
1389	4460641.12	5339945.37	504.95	1	D	A	73.9	-7.5	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	8.2	-17.8
1390	4460641.65	5339940.94	504.97	1	D	A	73.9	9.4	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-0.9
1391	4460642.19	5339936.52	505.00	1	D	A	73.9	-7.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-17.9
1392	4460642.34	5339935.22	505.01	1	D	A	73.9	3.9	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-6.4
1393	4460642.66	5339932.58	505.02	1	D	A	73.9	4.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	8.1	-5.7
1394	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.1	1.8	0.0	16.4
1415	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.1	1.8	0.0	16.3
1416	4460646.67	5339898.77	505.22	0	D	A	73.9	6.0	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	3.4
1417	4460646.95	5339895.86	505.25	0	D	A	73.9	2.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	0.3
1418	4460647.32	5339891.87	505.28	0	D	A	73.9	7.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	5.3
1419	4460647.73	5339887.52	505.31	0	D	A	73.9	4.3	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	1.8
1421	4460648.67	5339877.54	505.39	0	D	A	73.9	12.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.0	1.9	0.0	10.1
1422	4460649.55	5339868.20	505.46	0	D	A	73.9	1.4	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	1.4	1.9	0.0	-1.3
1423	4460650.14	5339861.96	505.51	0	D	A	73.9	10.5	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	2.0	1.9	0.0	7.2
1429	4460648.52	5339879.17	505.38	1	D	A	73.9	9.7	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.1	1.9	5.1	2.3
1430	4460649.33	5339870.54	505.44	1	D	A	73.9	9.0	0.9	3.0	0.0	71.2	2.3	4.7	0					

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1442	4460649.08	5339868.27	505.46	0	D	A	73.9	1.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.4	1.9	0.0	-1.3
1444	4460648.26	5339877.61	505.39	0	D	A	73.9	12.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.0	1.9	0.0	10.1
1445	4460647.39	5339887.58	505.32	0	D	A	73.9	4.3	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.1	1.9	0.0	1.8
1446	4460647.01	5339891.93	505.28	0	D	A	73.9	7.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	5.3
1448	4460646.67	5339895.91	505.25	0	D	A	73.9	2.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	0.3
1449	4460646.42	5339898.76	505.23	0	D	A	73.9	5.8	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	1.2	1.9	0.0	3.2
1471	4460649.80	5339860.04	505.52	1	D	A	73.9	8.8	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.1	1.9	5.1	1.4
1472	4460649.36	5339865.04	505.48	1	D	A	73.9	3.9	0.9	3.0	0.0	71.1	2.3	4.7	0.0	0.0	0.1	1.9	5.1	-3.5
1473	4460648.91	5339870.24	505.44	1	D	A	73.9	9.0	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.1	1.9	5.1	1.6
1474	4460648.15	5339878.91	505.38	1	D	A	73.9	9.7	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.1	1.9	5.1	2.3
1475	4460648.58	5339873.95	505.42	3	D	A	73.9	3.5	0.9	3.0	0.0	71.2	2.3	4.7	0.0	0.0	0.0	1.9	46.8	-45.7
1480	4460744.83	5340101.99	504.13	0	D	A	73.9	13.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	7.3	1.9	0.0	5.4
1481	4460759.52	5340105.93	504.09	0	D	A	73.9	8.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.1	1.9	0.0	6.6
1482	4460767.66	5340108.12	504.08	0	D	A	73.9	9.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	0.0	9.0
1486	4460743.73	5340101.69	504.13	1	D	A	73.9	11.7	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.0	1.9	18.5	-9.3
1487	4460755.05	5340104.73	504.10	1	D	A	73.9	9.5	0.9	3.0	0.0	71.4	2.3	4.7	0.0	0.0	0.0	1.9	18.6	-11.7
1488	4461162.10	5339847.40	503.94	0	D	A	73.9	9.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.1	1.8	0.0	15.8
1490	4461169.79	5339846.65	503.90	0	D	A	73.9	9.0	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.1	1.8	0.0	15.7
1491	4460665.16	5340074.26	504.52	0	D	A	73.9	15.6	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.0	1.9	0.0	13.9
1498	4460681.78	5340071.91	504.49	1	D	A	73.9	4.9	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.0	1.9	18.1	-15.1
1500	4460680.09	5340072.15	504.49	1	D	A	73.9	-4.5	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.0	1.9	8.0	-14.4
1501	4460831.29	5340106.26	503.87	0	D	A	73.9	14.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.9	0.0	13.9
1506	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.1	1.8	0.0	14.7
1570	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.1	1.8	0.0	14.5
1602	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.8	0.0	13.9
1605	4460776.06	5340110.24	504.05	0	D	A	73.9	8.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	0.0	8.1
1606	4460787.31	5340112.87	504.02	0	D	A	73.9	11.9	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.3	1.9	0.0	9.9
1672	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.1	1.8	0.0	13.2
1794	4460655.68	5340079.29	504.49	0	D	A	73.9	13.4	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.0	1.9	0.0	11.6
1799	4460629.97	5340053.07	504.54	0	D	A	73.9	0.0	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	1.6	1.9	0.0	-3.6
1801	4460630.48	5340049.30	504.55	0	D	A	73.9	8.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	2.5	1.9	0.0	3.7
1802	4460631.79	5340039.65	504.57	0	D	A	73.9	11.1	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	2.2	1.9	0.0	7.0
1803	4460632.46	5340034.69	504.58	2	D	A	73.9	4.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	19.3	-16.7
1804	4460631.39	5340039.70	504.57	0	D	A	73.9	11.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	2.2	1.9	0.0	7.1
1805	4460630.07	5340049.44	504.55	0	D	A	73.9	8.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	2.4	1.9	0.0	3.8
1806	4460629.58	5340053.08	504.54	0	D	A	73.9	-1.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	1.5	1.9	0.0	-4.7
1810	4460632.06	5340034.75	504.58	2	D	A	73.9	4.9	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	44.8	-42.0
1828	4460801.45	5340115.26	503.92	0	D	A	73.9	11.3	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.5	1.9	0.0	8.3
1829	4460808.45	5340115.95	503.84	0	D	A	73.9	-1.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	-2.2
1874	4460629.77	5340060.16	504.52	0	D	A	73.9	11.3	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.3	1.9	0.0	8.9
1876	4460630.15	5340060.13	504.52	0	D	A	73.9	11.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.4	1.9	0.0	8.8
1881	4460640.91	5340075.45	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.0	1.9	0.0	9.0
1929	4460639.61	5340075.59	504.52	0	D	A	73.9	10.4	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.0	1.9	0.0	8.4
1943	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.1	1.9	0.0	8.6
1949	4460815.25	5340115.55	503.85	1	D	A	73.9	5.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.1	1.9	39.1	-34.2
2057	4460630.73	5340068.15	504.50	0	D	A	73.9	4.7	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	0.0	2.7
2058	4460632.86	5340071.93	504.49	0	D	A	73.9	7.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	0.0	5.5
2062	4460633.36	5340071.67	504.49	0	D	A	73.9	7.5	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	0.0	5.4
2063	4460631.17	5340067.98	504.49	0	D	A	73.9	4.8	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.0	1.9	0.0	2.8
2131	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	0.0	6.5
2132	4460813.41	5340116.04	503.84	1	D	A	73.9	-3.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	39.1	-42.5

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1530	4460695.02	5339875.36	504.89	0	D	A	73.9	7.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	0.0	6.5
1533	4460694.16	5339879.41	504.86	0	D	A	73.9	4.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.6	1.9	0.0	2.8
1534	4460693.25	5339883.64	504.83	0	D	A	73.9	7.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.6	1.9	0.0	6.4
1536	4460692.42	5339887.51	504.80	0	D	A	73.9	2.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.6	1.9	0.0	1.3
1537	4460691.19	5339893.28	504.76	0	D	A	73.9	10.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.5	1.9	0.0	8.6
1538	4460690.01	5339898.79	504.72	0	D	A	73.9	1.4	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.2	1.9	0.0	-1.7
1539	4460689.83	5339899.65	504.71	0	D	A	73.9	-4.4	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.9	1.9	0.0	-7.2
1565	4460695.14	5339874.83	504.90	1	D	A	73.9	6.6	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.5	1.9	14.3	-14.9
1566	4460692.98	5339884.89	504.82	1	D	A	73.9	12.0	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.7	1.9	14.4	-9.8
1567	4460691.05	5339893.92	504.75	1	D	A	73.9	3.9	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	4.5	1.9	14.3	-17.6
1568	4460690.29	5339897.47	504.73	1	D	A	73.9	6.8	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	4.4	1.9	14.2	-14.5
1569	4460694.42	5339878.15	504.87	2	D	A	73.9	9.6	0.9	3.0	0.0	71.9	2.4	4.8	0.0	0.0	0.4	1.9	21.7	-15.6
1884	4460690.09	5339903.01	504.69	0	D	A	73.9	8.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.2	1.9	0.0	4.9

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1885	4460690.49	5339907.24	504.66	0	D	A	73.9	3.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	0.0	0.6
1887	4460690.60	5339908.37	504.65	0	D	A	73.9	-8.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	0.0	-10.8
1890	4460690.67	5339909.09	504.64	0	D	A	73.9	1.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	0.1
1897	4460690.26	5339904.74	504.67	3	D	A	73.9	4.3	0.9	3.0	0.0	71.7	2.4	4.8	0.0	0.0	3.7	1.9	59.3	-61.6
1898	4460689.96	5339901.66	504.70	1	D	A	73.9	5.7	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	4.2	1.9	14.1	-15.4
1899	4460690.43	5339906.62	504.66	1	D	A	73.9	8.0	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	3.7	1.9	13.6	-12.1
1918	4460691.80	5339912.75	504.53	0	D	A	73.9	8.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	7.0
1921	4460693.42	5339917.28	504.37	0	D	A	73.9	5.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	4.1
1931	4460702.76	5339843.25	505.03	0	D	A	73.9	5.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.9	1.9	0.0	0.4
1932	4460702.17	5339846.87	505.00	0	D	A	73.9	6.2	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.8	1.9	0.0	-6.3
1933	4460701.74	5339849.50	504.97	0	D	A	73.9	0.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.9	1.9	0.0	-12.1
1942	4460701.77	5339849.29	504.97	1	D	A	73.9	1.9	0.9	3.0	0.0	71.4	2.3	4.8	0.0	0.0	0.1	1.9	8.3	-9.0
1962	4460704.55	5339858.19	505.76	0	D	A	73.9	2.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	8.2	1.9	0.0	-6.1
1963	4460704.17	5339859.79	505.76	0	D	A	73.9	1.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	1.0	1.9	0.0	-0.2
1964	4460703.51	5339862.55	505.76	0	D	A	73.9	6.3	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.6	1.9	0.0	5.1
1984	4460703.74	5339861.58	505.76	2	D	A	73.9	5.6	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.2	1.9	18.7	-14.1
2044	4460697.75	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	3.6	1.9	0.0	4.0
2054	4460698.38	5339869.16	505.02	1	D	A	73.9	2.5	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.2	1.9	14.0	-18.4
2055	4460696.79	5339871.13	504.96	1	D	A	73.9	5.2	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.5	1.9	14.3	-16.2
2056	4460695.69	5339872.51	504.92	1	D	A	73.9	-6.3	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.7	1.9	14.4	-28.2
2153	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	12.4	1.9	0.0	-6.8
2175	4460702.89	5339851.72	505.14	1	D	A	73.9	6.2	0.9	3.0	0.0	71.4	2.3	4.8	0.0	0.0	3.0	1.9	12.8	-12.1
2178	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.5	1.9	0.0	5.0
2192	4460704.45	5339855.33	505.53	0	D	A	73.9	6.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	10.9	1.9	0.0	-5.6

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1507	4460776.82	5339853.24	505.14	0	D	A	72.2	13.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	8.2	1.9	0.0	3.6
1508	4460760.30	5339849.52	505.14	0	D	A	72.2	10.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	7.8	1.9	0.0	1.3
1512	4460786.80	5339855.49	505.13	1	D	A	72.2	1.3	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	5.0	1.9	6.3	-11.5
1513	4460783.72	5339854.79	505.13	1	D	A	72.2	7.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	4.7	1.9	6.2	-5.3
1514	4460761.16	5339849.71	505.14	2	D	A	72.2	11.2	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	1.8	1.9	11.4	-3.8
1515	4460754.59	5339848.23	505.15	2	D	A	72.2	-4.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	1.7	1.9	11.3	-19.3
1516	4460755.48	5339848.43	505.15	2	D	A	72.2	3.1	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	8.2	1.9	16.3	-23.4
1517	4460754.45	5339848.20	505.15	2	D	A	72.2	-11.8	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	8.2	1.9	16.3	-38.3
1518	4460768.29	5339851.32	505.14	2	D	A	72.2	13.9	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	8.6	1.9	28.3	-24.9
1519	4460786.93	5339855.52	505.13	2	D	A	72.2	0.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.1	1.9	11.6	-14.9
1520	4460778.66	5339853.65	505.14	2	D	A	72.2	12.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	2.0	1.9	11.5	-3.1
1522	4460768.91	5339851.46	505.14	2	D	A	72.2	6.1	0.9	3.0	0.0	69.2	2.0	4.7	0.0	0.0	1.9	1.9	11.4	-8.9
1524	4460787.15	5339855.56	505.13	3	D	A	72.2	-1.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.9	11.2	-15.7
1526	4460784.41	5339854.95	505.13	3	D	A	72.2	7.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.9	11.2	-6.9
1618	4460651.41	5339825.51	505.31	0	D	A	72.2	11.3	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	2.8	1.9	0.0	5.5
1619	4460650.84	5339842.05	505.44	0	D	A	72.2	12.9	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	1.4	1.9	0.0	8.5
1620	4460650.42	5339853.95	505.53	0	D	A	72.2	6.2	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	2.0	1.9	0.0	1.2
1636	4460650.98	5339837.93	505.41	1	D	A	72.2	2.9	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	5.0	-6.1
1637	4460650.88	5339840.73	505.43	1	D	A	72.2	5.6	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	5.0	-3.3
1638	4460650.73	5339845.04	505.46	1	D	A	72.2	7.0	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	5.0	-2.0
1639	4460650.50	5339851.78	505.51	1	D	A	72.2	9.3	0.9	3.0	0.0	71.1	2.2	4.7	0.0	0.0	0.1	1.9	5.1	0.1
1641	4460651.28	5339829.22	505.34	3	D	A	72.2	1.5	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	0.8	1.9	23.7	-27.5
1642	4460651.22	5339830.85	505.35	3	D	A	72.2	2.6	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	0.7	1.9	23.3	-25.8
1643	4460651.45	5339824.21	505.30	1	D	A	72.2	10.3	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.2	1.9	5.2	1.2
1646	4460651.04	5339836.05	505.39	2	D	A	72.2	2.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.3	1.9	19.8	-20.7
1678	4460696.17	5339828.97	505.19	0	D	A	72.2	6.0	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	13.9	1.9	0.0	-10.3
1679	4460698.04	5339819.77	505.23	0	D	A	72.2	11.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	14.3	1.9	0.0	-5.0
1680	4460700.18	5339809.29	505.26	0	D	A	72.2	8.2	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.8	1.9	0.0	-5.9
1681	4460701.31	5339803.73	505.28	0	D	A	72.2	6.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.7	1.9	0.0	0.7
1692	4460699.88	5339810.77	505.26	1	D	A	72.2	1.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.8	1.9	48.4	-60.8
1693	4460701.64	5339802.10	505.29	2	D	A	72.2	1.3	0.9	3.0	0.0	71.9	2.4	4.8	0.0	0.0	0.2	1.9	49.8	-53.6
1694	4460696.32	5339828.22	505.20	1	D	A	72.2	6.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	2.0	1.9	10.9	-8.9
1695	4460696.77	5339826.02	505.20	1	D	A	72.2	-18.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	1.7	1.9	10.4	-32.9
1696	4460696.96	5339825.11	505.21	1	D	A	72.2	2.6	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	14.4	1.9	13.6	-27.9
1697	4460696.06	5339829.53	505.19	2	D	A	72.2	2.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	1.6	1.9	11.3	-13.0
1698	4460659.72	5339799.43	505.26	0	D	A	72.2	13.7	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	2.2	1.9	0.0	8.6
1699	4460653.77	5339813.70	505.26	0	D	A	72.2	8.8	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	2.6	1.9	0.0	3.3
1700	4460651.97	5339818.01	505.26	0	D	A	72.2	2.4	0.9	3.0	0.0	70.3	2.1	4.7	0.0	0.0	2.5	1.9	0.0	-3.1
1721	4460657.64	5339804.43	505.26	2	D	A	72.2	3.8	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	1.0	1.9	23.2	-24.9
1722	4460652.02	5339817.89	505.26	1	D	A	72.2	3.0	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.3	1.9	5.3	-6.4

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
1723	4460660.41	5339797.79	505.26	1	D	A	72.2	2.5	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	2.8	1.9	24.2	-27.5
1725	4460660.06	5339798.62	505.26	1	D	A	72.2	-18.3	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.4	1.9	18.9	-40.6
1728	4460659.21	5339800.66	505.26	1	D	A	72.2	6.4	0.9	3.0	0.0	70.4	2.1	4.7	0.0	0.0	0.4	1.9	19.1	-16.1
1729	4460738.65	5339844.39	505.14	0	D	A	72.2	5.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	7.6	1.9	0.0	-4.6
1732	4460725.65	5339840.70	505.15	0	D	A	72.2	13.8	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	7.7	1.9	0.0	4.0
1752	4460736.12	5339843.67	505.14	1	D	A	72.2	7.3	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	7.5	1.9	52.6	-55.1
1753	4460714.67	5339837.59	505.16	1	D	A	72.2	0.3	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.0	1.9	7.8	-12.8
1754	4460735.77	5339843.57	505.14	2	D	A	72.2	9.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	7.9	1.9	28.4	-28.9
1755	4460722.77	5339839.88	505.16	2	D	A	72.2	12.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	8.0	1.9	28.5	-26.4
1756	4460736.10	5339843.67	505.14	3	D	A	72.2	1.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	7.8	1.9	54.8	-63.3
1757	4460733.76	5339843.00	505.14	3	D	A	72.2	5.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	7.8	1.9	54.6	-59.7
1758	4460715.34	5339837.78	505.16	3	D	A	72.2	3.9	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	3.1	1.9	26.1	-27.7
1759	4460820.92	5339865.55	505.10	0	D	A	72.2	5.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	9.0	1.9	0.0	-4.9
1760	4460818.13	5339864.43	505.11	0	D	A	72.2	4.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	9.2	1.9	0.0	-5.7
1763	4460812.64	5339862.21	505.12	0	D	A	72.2	9.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	9.7	1.9	0.0	-1.2
1767	4460805.60	5339859.37	505.14	0	D	A	72.2	7.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	9.6	1.9	0.0	-2.8
1782	4460819.04	5339864.79	505.10	1	D	A	72.2	8.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.6	1.9	5.5	-3.6
1785	4460809.22	5339860.83	505.13	1	D	A	72.2	11.5	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	5.1	1.9	6.3	-1.1
1787	4460811.33	5339861.68	505.13	2	D	A	72.2	0.3	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	2.3	1.9	11.9	-15.2
1788	4460810.03	5339861.16	505.13	2	D	A	72.2	2.4	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	2.3	1.9	11.8	-12.9
1789	4460808.52	5339860.55	505.13	2	D	A	72.2	1.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	2.3	1.9	11.9	-13.5
1792	4460805.27	5339859.24	505.14	2	D	A	72.2	7.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	2.3	1.9	11.9	-8.2
1812	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	7.6	1.9	0.0	3.6
1820	4460686.94	5339787.44	505.48	1	D	A	72.2	13.8	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.6	1.9	5.6	3.9
1821	4460697.52	5339791.48	505.49	3	D	A	72.2	0.9	0.9	3.0	0.0	72.1	2.4	4.8	0.0	0.0	0.1	1.9	21.6	-25.8
1822	4460694.78	5339790.43	505.49	3	D	A	72.2	6.7	0.9	3.0	0.0	72.0	2.4	4.8	0.0	0.0	0.1	1.9	21.6	-20.0
1823	4460686.54	5339787.28	505.48	3	D	A	72.2	11.1	0.9	3.0	0.0	72.0	2.4	4.8	0.0	0.0	0.1	1.9	10.5	-4.4
1824	4460692.33	5339789.50	505.49	2	D	A	72.2	10.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.7	1.9	9.9	-2.3
1825	4460679.86	5339784.73	505.47	2	D	A	72.2	6.5	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	1.0	1.9	21.5	-18.8
1826	4460688.65	5339788.09	505.48	1	D	A	72.2	13.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	6.6	2.2
1851	4460795.10	5339856.93	505.14	0	D	A	72.2	11.9	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	9.1	1.9	0.0	1.5
1855	4460791.79	5339856.37	505.14	1	D	A	72.2	9.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.9	1.9	6.3	-3.2
1856	4460800.91	5339857.91	505.15	1	D	A	72.2	5.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.7	1.9	6.2	-6.5
1857	4460797.52	5339857.33	505.14	1	D	A	72.2	5.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.8	1.9	6.2	-7.4
1858	4460791.00	5339856.23	505.14	3	D	A	72.2	0.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.9	11.2	-13.2
1859	4460789.47	5339855.97	505.13	3	D	A	72.2	2.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.9	11.2	-10.9
1860	4460798.77	5339857.54	505.15	2	D	A	72.2	9.1	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	2.3	1.9	11.9	-6.5
1861	4460791.12	5339856.25	505.14	2	D	A	72.2	8.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	2.1	1.9	11.7	-6.6
1862	4460788.01	5339855.73	505.13	3	D	A	72.2	0.5	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.1	1.9	11.2	-13.3
1863	4460747.29	5339846.50	505.14	0	D	A	72.2	11.7	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	7.7	1.9	0.0	2.1
1870	4460751.79	5339847.57	505.15	2	D	A	72.2	7.3	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	1.6	1.9	11.1	-7.2
1871	4460750.27	5339847.21	505.14	2	D	A	72.2	9.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	8.1	1.9	28.3	-29.1
1872	4460745.74	5339846.14	505.14	2	D	A	72.2	-1.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	8.0	1.9	28.3	-39.4
1873	4460742.76	5339845.43	505.14	2	D	A	72.2	7.3	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	7.9	1.9	28.3	-31.1
1950	4460699.52	5339835.94	505.12	0	D	A	72.2	11.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	7.7	1.9	0.0	0.9
1957	4460708.71	5339839.19	505.11	0	D	A	72.2	10.6	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	6.0	1.9	0.0	2.3
1959	4460713.43	5339837.67	505.16	1	D	A	72.2	1.8	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.1	1.9	7.9	-11.5
1960	4460712.71	5339837.91	505.15	1	D	A	72.2	-17.9	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	3.2	1.9	8.0	-31.4
1961	4460710.37	5339838.66	505.13	1	D	A	72.2	6.9	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.5	1.9	5.6	-4.6
2133	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	7.4	1.9	0.0	-1.2
2141	4460675.30	5339783.32	505.46	1	D	A	72.2	-0.0	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	1.0	1.9	4.0	-8.6
2142	4460669.21	5339785.19	505.35	2	D	A	72.2	2.0	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.8	1.9	21.0	-22.7
2143	4460699.54	5339794.53	505.44	0	D	A	72.2	8.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	6.0	1.9	0.0	-0.4
2147	4460699.54	5339794.53	505.44	1	D	A	72.2	8.0	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.4	1.9	5.4	-1.5
2148	4460699.52	5339794.49	505.44	3	D	A	72.2	5.2	0.9	3.0	0.0	72.1	2.4	4.8	0.0	0.0	0.1	1.9	21.6	-21.6
2150	4460698.50	5339792.50	505.48	3	D	A	72.2	0.6	0.9	3.0	0.0	72.1	2.4	4.8	0.0	0.0	0.1	1.9	21.6	-26.1
2151	4460698.17	5339791.84	505.49	3	D	A	72.2	-5.1	0.9	3.0	0.0	72.1	2.4	4.8	0.0	0.0	0.1	1.9	21.6	-31.9
2152	4460699.54	5339794.53	505.44	1	D	A	72.2	8.0	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	2.3	1.9	7.1	-3.8
2195	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.5	1.9	0.0	-0.9
2200	4460666.93	5339786.59	505.31	2	D	A	72.2	5.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.7	1.9	20.9	-18.7
2204	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	7.9	1.9	0.0	-3.8
2209	4460821.85	5339868.97	505.07	1	D	A	72.2	-1.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	7.0	1.9	1.0	-10.4
2210	4460822.16	5339867.38	505.08	1	D	A	72.2	4.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	6.3	1.9	5.7	-9.0
2213	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0									

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1988	4460702.64	5339843.27	505.04	0	D	A	67.4	5.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	3.9	1.9	0.0	-6.0
1990	4460701.76	5339846.93	505.02	0	D	A	67.4	6.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	11.6	1.9	0.0	-12.5
1992	4460699.92	5339854.51	504.99	0	D	A	67.4	10.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	10.9	1.9	0.0	-7.6
1993	4460698.44	5339860.67	504.96	0	D	A	67.4	1.4	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	1.1	1.9	0.0	-6.9
1994	4460696.71	5339867.83	504.93	0	D	A	67.4	11.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	3.5	1.9	0.0	0.4
2016	4460697.95	5339862.67	504.95	2	D	A	67.4	5.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	3.2	1.9	25.3	-30.3
2017	4460696.66	5339868.03	504.93	1	D	A	67.4	2.7	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.9	1.9	14.6	-25.9
2018	4460696.03	5339870.63	504.92	1	D	A	67.4	5.4	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.8	1.9	14.5	-23.1
2020	4460695.38	5339873.32	504.90	1	D	A	67.4	3.1	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.7	1.9	14.4	-25.1
2021	4460695.23	5339873.95	504.90	2	D	A	67.4	-1.3	0.9	3.0	0.0	71.9	2.4	4.8	0.0	0.0	0.3	1.9	50.9	-62.2
2023	4460698.87	5339858.87	504.97	3	D	A	67.4	1.3	0.9	3.0	0.0	72.0	2.4	4.8	0.0	0.0	4.5	1.9	61.4	-74.4
2026	4460698.50	5339860.39	504.96	3	D	A	67.4	2.5	0.9	3.0	0.0	72.0	2.4	4.8	0.0	0.0	4.6	1.9	61.5	-73.4
2028	4460699.96	5339854.36	504.99	1	D	A	67.4	11.0	0.9	3.0	0.0	71.4	2.3	4.8	0.0	0.0	4.4	1.9	14.1	-16.6
2083	4460694.74	5339876.22	504.88	0	D	A	67.4	5.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.3	1.9	0.0	-1.7
2085	4460694.07	5339879.42	504.86	0	D	A	67.4	4.2	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.6	1.9	0.0	-3.7
2088	4460693.18	5339883.65	504.83	0	D	A	67.4	7.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.6	1.9	0.0	-0.2
2090	4460692.37	5339887.52	504.80	0	D	A	67.4	2.8	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.6	1.9	0.0	-5.2
2092	4460691.16	5339893.28	504.76	0	D	A	67.4	9.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.5	1.9	0.0	2.1
2093	4460690.00	5339898.79	504.72	0	D	A	67.4	1.4	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.2	1.9	0.0	-8.2
2094	4460689.82	5339899.65	504.71	0	D	A	67.4	-4.4	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.9	1.9	0.0	-13.8
2123	4460694.86	5339875.65	504.89	1	D	A	67.4	4.4	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.6	1.9	14.4	-23.8
2126	4460692.93	5339884.85	504.82	1	D	A	67.4	12.1	0.9	3.0	0.0	71.5	2.3	4.8	0.0	0.0	4.7	1.9	14.5	-16.4
2127	4460691.03	5339893.90	504.75	1	D	A	67.4	3.9	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	4.5	1.9	14.3	-24.1
2129	4460690.28	5339897.46	504.73	1	D	A	67.4	6.8	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	4.4	1.9	14.2	-21.0
2130	4460694.27	5339878.45	504.87	2	D	A	67.4	9.3	0.9	3.0	0.0	71.9	2.4	4.8	0.0	0.0	0.4	1.9	21.7	-22.5
2226	4460690.09	5339903.01	504.69	0	D	A	67.4	8.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.2	1.9	0.0	-1.6
2227	4460690.49	5339907.24	504.66	0	D	A	67.4	3.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	0.0	-5.9
2229	4460690.60	5339908.37	504.65	0	D	A	67.4	-8.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	0.0	-17.4
2230	4460690.67	5339909.09	504.64	0	D	A	67.4	1.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	-6.4
2239	4460690.26	5339904.74	504.67	3	D	A	67.4	4.3	0.9	3.0	0.0	71.7	2.4	4.8	0.0	0.0	3.7	1.9	59.3	-68.1
2240	4460689.96	5339901.66	504.70	1	D	A	67.4	5.7	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	4.2	1.9	14.1	-21.9
2242	4460690.43	5339906.62	504.66	1	D	A	67.4	8.0	0.9	3.0	0.0	71.6	2.3	4.8	0.0	0.0	3.7	1.9	13.6	-18.7
2245	4460691.80	5339912.75	504.53	0	D	A	67.4	8.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	0.5
2246	4460693.42	5339917.28	504.37	0	D	A	67.4	5.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	0.0	-2.4

Immissionspunkt
 Bez.: IO 5 Ludw 49
 ID: IO
 X: 4461150.43 m
 Y: 5340119.67 m
 Z: 507.68 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2260	4461053.39	5339868.28	504.50	0	D	A	90.2	18.7	0.9	3.0	0.0	59.6	0.9	4.4	0.0	0.0	4.3	1.5	0.0	42.2
2261	4460984.84	5339896.97	504.47	0	D	A	90.2	18.7	0.9	3.0	0.0	59.9	0.9	4.4	0.0	0.0	3.9	1.5	0.0	42.2
2262	4460896.63	5339933.88	504.43	0	D	A	90.2	20.7	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	3.9	1.6	0.0	43.0
2263	4460788.76	5339979.03	504.38	0	D	A	90.2	20.7	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	3.2	1.7	0.0	41.5
2264	4461011.56	5339885.79	504.48	2	D	A	90.2	11.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	26.9	7.4
2265	4461002.94	5339889.40	504.47	2	D	A	90.2	6.9	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.2	1.7	26.9	3.0
2266	4460762.06	5339990.20	504.37	1	D	A	90.2	13.0	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.1	1.8	14.8	18.1
2267	4460747.77	5339996.18	504.37	1	D	A	90.2	10.5	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.3	1.8	15.4	14.5
2268	4460738.72	5339999.97	504.36	1	D	A	90.2	9.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.3	1.8	15.5	13.1
2269	4460961.11	5339906.90	504.46	2	D	A	90.2	4.4	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	26.5	1.2
2270	4460954.43	5339909.70	504.45	2	D	A	90.2	10.7	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	14.3	19.7
2271	4460951.15	5339911.07	504.45	2	D	A	90.2	2.7	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	1.7	1.7	9.7	14.4
2272	4460947.21	5339912.72	504.45	2	D	A	90.2	8.2	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	1.6	1.7	9.6	20.3
2273	4461085.49	5339854.85	504.51	2	D	A	90.2	6.7	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	95.4	-69.1
2274	4461080.06	5339857.12	504.51	2	D	A	90.2	8.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.1	1.8	94.8	-66.6
2275	4460912.20	5339927.37	504.44	2	D	A	90.2	2.0	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	77.2	-52.5
2276	4460965.68	5339904.99	504.46	2	D	A	90.2	0.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.7	1.7	8.2	14.7
2278	4460882.08	5339939.98	504.42	2	D	A	90.2	5.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	2.6	1.8	21.0	3.1
2279	4460967.45	5339904.25	504.46	2	D	A	90.2	8.1	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	26.6	4.8
2280	4460963.40	5339905.94	504.46	2	D	A	90.2	3.6	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	26.5	0.3
2281	4460953.36	5339910.14	504.45	2	D	A	90.2	4.9	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	1.5	1.7	9.4	17.2
2283	4460963.83	5339905.76	504.46	2	D	A	90.2	4.5	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.8	1.7	8.3	18.6
2285	4460958.67	5339907.92	504.46	2	D	A	90.2	9.2	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	1.1	1.7	8.8	22.6
2287	4460899.66	5339932.62	504.43	2	D	A	90.2	7.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	3.7	1.7	22.6	2.7
2289	4460882.27	5339939.89	504.42	2	D	A	90.2	2.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	1.9	1.8	99.4	-78.3
2290	4460879.90	5339940.89	504.42	2	D	A	90.2	5.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	1.8	1.8	37.2	-13.1
2291	4460890.41	5339936.49	504.43	2	D	A	90.2	5.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.6	1.8	19.6	5.1
2292	4460887.40	5339937.75	504.43	2	D	A	90.2	4.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	1.5	1.8	19.2	4.1
2293	4460884.78	5339938.85	504.42	2	D	A	90.2	4.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	2.0	1.8	20.1	3.2
2294	4460896.91	5339933.77	504.43	2	D	A	90.2	6.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	1.6	1.7	9.8	16.7
2295	4460893.05	5339935.38	504.43	2	D	A	90.2	6.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.9	1.7	8.7	18.7
2296	4460906.71	5339929.67	504.43	2	D	A	90.2	-5.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	3.5	1.7	21.6	-8.6
2297	4460906.01	5339929.96	504.43	2	D	A	90.2	0.9	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	3.4	1.7	21.5	-2.1
2298	4460905.26	5339930.28	504.43	2	D	A	90.2	-4.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	3.3	1.7	21.4	-7.0
2299	4460904.42	5339930.62	504.43	2	D	A	90.2	1.5	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	2.0	1.7	19.9	1.5
2300	4460902.85	5339931.28	504.43	2	D	A	90.2	3.0	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	1.9	1.7	10.4	12.7
2301	4460900.76	5339932.16	504.43	2	D	A	90.2	4.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	1.7	1.7	10.1	14.2
2302	4460899.22	5339932.80	504.43	2	D	A	90.2	-1.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	1.7	1.7	10.0	9.3
2303	4460907.61	5339929.29	504.43	2	D	A	90.2	7.9	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	14.5	16.3
2304	4460915.37	5339926.04	504.44	2	D	A	90.2	-1.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	14.5	6.5
2305	4460912.76	5339927.13	504.44	2	D	A	90.2	7.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	14.5	15.3
2306	4460894.88	5339934.62	504.43	3	D	A	90.2	-1.4	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	77.8	-56.4
2307	4461015.17	5339884.28	504.48	2	D	A	90.2	9.0	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	7.5	24.1
2308	4461008.92	5339886.89	504.48	2	D	A	90.2	7.4	0.9	3.0	0.0	63.7	1.3	4.6	0.0	0.0	0.2	1.7	7.5	22.6
2309	4461002.18	5339889.71	504.47	2	D	A	90.2	9.6	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	7.5	24.8
2310	4460997.58	5339891.64	504.47	2	D	A	90.2	-0.8	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	7.5	14.4
2311	4460936.00	5339917.41	504.45	2	D	A	90.2	6.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.5	1.8	97.1	-71.4
2312	4460933.14	5339918.60	504.45	2	D	A	90.2	3.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	4.4	1.8	09.0	-90.1
2313	4460931.12	5339919.45	504.44	2	D	A	90.2	1.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	5.3	1.8	27.5	-11.4
2314	4460927.74	5339920.87	504.44	2	D	A	90.2	7.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	5.7	1.8	27.6	-5.4
2316	4460923.35	5339922.71	504.44	2	D	A	90.2	5.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	5.7	1.8	27.6	-7.7
2318	4460888.71	5339937.20	504.43	3	D	A	90.2	-1.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	1.8	1.8	02.5	-85.8
2320	4460951.76	5339910.81	504.45	2	D	A	90.2	6.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.5	1.7	16.2	10.9
2321	4460946.97	5339912.82	504.45	2	D	A	90.2	8.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.4	1.7	16.0	13.1
2322	4460943.06	5339914.45	504.45	2	D	A	90.2	2.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.4	1.7	15.8	8.2
2323	4460940.67	5339915.45	504.45	2	D	A	90.2	5.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.3	1.7	15.5	10.9
2324	4460937.33	5339916.85	504.45	2	D	A	90.2	6.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.3	1.7	15.5	11.8

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2326	4460935.09	5339917.79	504.45	2	D	A	90.2	-0.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.3	1.7	15.5	4.9
2327	4460899.69	5339932.61	504.43	1	D	A	90.2	9.7	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.4	1.6	4.0	30.1
2328	4460959.07	5339907.75	504.46	1	D	A	90.2	7.7	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.3	1.7	70.3	-38.7
2330	4461078.92	5339857.60	504.51	1	D	A	90.2	12.8	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.1	1.8	30.3	2.6
2332	4461064.96	5339863.44	504.50	1	D	A	90.2	10.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	29.8	1.0
2333	4461058.61	5339866.10	504.50	1	D	A	90.2	3.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	29.6	-5.2
2334	4460958.25	5339908.10	504.46	2	D	A	90.2	6.3	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	14.7	13.9
2336	4460955.66	5339909.18	504.45	2	D	A	90.2	-1.2	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	14.7	6.5
2337	4460953.61	5339910.04	504.45	2	D	A	90.2	5.7	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	14.7	13.4
2340	4460778.78	5339983.21	504.38	1	D	A	90.2	9.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	94.2	-64.9
2341	4460886.25	5339920.26	504.36	0	D	A	90.2	20.5	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	1.7	1.6	0.0	44.4
2342	4460981.50	5339880.16	504.37	0	D	A	90.2	19.7	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	1.6	1.6	0.0	45.0
2343	4460917.12	5339907.26	504.36	2	D	A	90.2	3.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	8.2	1.8	03.0	-87.7
2344	4460919.88	5339906.10	504.36	2	D	A	90.2	6.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.0	1.8	97.4	-71.9
2345	4460907.73	5339911.21	504.36	2	D	A	90.2	5.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.4	1.8	25.5	-10.1
2346	4460911.96	5339909.43	504.36	2	D	A	90.2	7.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	10.4	1.8	25.5	-7.8
2347	4460915.22	5339908.06	504.36	2	D	A	90.2	1.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	9.6	1.8	26.3	-14.4
2348	4460891.99	5339917.84	504.36	3	D	A	90.2	-1.9	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.6	1.8	23.4	-8.3
2349	4460865.87	5339928.83	504.35	2	D	A	90.2	5.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.9	1.8	38.5	-15.3
2350	4460868.16	5339927.87	504.35	2	D	A	90.2	2.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.0	1.8	38.8	-18.7
2351	4460870.53	5339926.87	504.35	2	D	A	90.2	4.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.2	1.8	21.7	0.7
2352	4460873.06	5339925.81	504.35	2	D	A	90.2	4.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.6	1.8	21.2	1.2
2353	4460875.95	5339924.59	504.35	2	D	A	90.2	5.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.8	1.8	21.7	2.0
2354	4460879.99	5339922.89	504.36	2	D	A	90.2	6.1	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	1.7	1.7	10.1	16.7
2355	4460883.70	5339921.33	504.36	2	D	A	90.2	6.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.0	1.7	11.9	13.4
2356	4460885.91	5339920.40	504.36	2	D	A	90.2	-1.1	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.3	1.7	12.2	5.7
2357	4460887.38	5339919.78	504.36	2	D	A	90.2	3.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.2	1.7	12.6	10.4
2358	4460889.38	5339918.94	504.36	2	D	A	90.2	2.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.5	1.7	12.9	8.7
2359	4460890.90	5339918.30	504.36	2	D	A	90.2	1.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.8	1.7	13.2	6.7
2360	4460891.70	5339917.96	504.36	2	D	A	90.2	-4.3	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.3	1.7	13.5	-0.9
2361	4460892.42	5339917.66	504.36	2	D	A	90.2	0.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	5.5	1.7	13.6	3.9
2362	4460893.10	5339917.37	504.36	2	D	A	90.2	-5.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.6	1.7	13.7	-2.6
2363	4460895.15	5339916.51	504.36	2	D	A	90.2	7.7	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	7.4	23.6
2364	4460900.08	5339914.43	504.36	2	D	A	90.2	6.8	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	0.2	1.7	7.4	22.6
2365	4460902.57	5339913.39	504.36	2	D	A	90.2	-2.0	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	7.4	13.9
2366	4460895.36	5339916.42	504.36	3	D	A	90.2	-1.5	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.2	1.7	27.6	-6.0
2367	4461003.08	5339871.07	504.37	2	D	A	90.2	8.8	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.3	1.7	7.6	24.2
2369	4460997.11	5339873.59	504.37	2	D	A	90.2	7.3	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.4	1.7	5.2	25.0
2371	4460986.23	5339878.16	504.37	2	D	A	90.2	-1.0	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.4	1.7	5.2	16.8
2372	4460990.64	5339876.31	504.37	2	D	A	90.2	9.4	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	0.4	1.7	5.2	27.2
2373	4460931.65	5339901.14	504.36	2	D	A	90.2	7.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.9	1.7	17.1	11.7
2374	4460936.24	5339899.21	504.36	2	D	A	90.2	5.9	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	1.0	1.7	17.5	9.1
2375	4460920.26	5339905.94	504.36	2	D	A	90.2	-1.0	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.6	1.7	16.2	4.2
2376	4460922.41	5339905.03	504.36	2	D	A	90.2	5.9	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.5	1.7	16.1	11.2
2377	4460925.62	5339903.68	504.36	2	D	A	90.2	4.9	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.5	1.7	15.9	10.4
2378	4460927.91	5339902.72	504.36	2	D	A	90.2	2.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.8	1.7	16.8	7.1
2379	4460983.82	5339879.18	504.37	1	D	A	90.2	3.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	13.8	11.4
2380	4460989.22	5339876.90	504.37	1	D	A	90.2	9.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	27.5	4.2
2381	4461002.33	5339871.39	504.37	1	D	A	90.2	12.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.3	1.7	28.7	5.5
2382	4460941.09	5339897.17	504.36	2	D	A	90.2	-1.4	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	14.5	6.9
2383	4460943.43	5339896.18	504.36	2	D	A	90.2	6.1	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	14.5	14.3
2384	4460939.13	5339898.00	504.36	2	D	A	90.2	5.5	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	14.5	13.8
2386	4460901.41	5339913.87	504.36	1	D	A	90.2	9.4	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.8	1.6	2.6	31.5
2387	4460923.48	5339904.58	504.36	1	D	A	90.2	7.2	0.9	3.0	0.0	61.7	1.1	4.5	0.0	0.0	0.5	1.6	13.5	18.4
2388	4461000.00	5339872.37	504.37	2	D	A	90.2	11.2	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	0.2	1.7	26.4	8.2
2389	4460991.74	5339875.84	504.37	2	D	A	90.2	6.7	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	0.2	1.7	26.3	3.8
2390	4460837.96	5339940.58	504.35	1	D	A	90.2	9.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	3.2	1.7	11.8	15.6
2391	4460850.62	5339935.26	504.35	1	D	A	90.2	12.9	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	3.9	1.7	13.0	18.0
2392	4460866.94	5339928.38	504.35	1	D	A	90.2	12.0	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.2	1.7	6.5	27.7
2393	4460938.17	5339898.40	504.36	2	D	A	90.2	8.1	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	4.1	1.7	13.3	14.4
2394	4460941.94	5339896.81	504.36	2	D	A	90.2	2.5	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	4.4	1.7	13.5	8.2
2395	4460967.49	5339886.05	504.37	2	D	A	90.2	7.5	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	28.4	1.0
2396	4460983.97	5339879.11	504.37	2	D	A	90.2	14.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	29.0	7.4
2398	4460908.40	5339910.93	504.36	2	D	A	90.2	1.8	0											

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2405	4460944.07	5339895.91	504.36	2	D	A	90.2	4.7	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	3.9	1.7	9.0	15.5
2407	4460949.15	5339893.78	504.37	2	D	A	90.2	9.1	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	3.0	1.7	7.9	21.8
2408	4460954.09	5339891.69	504.37	2	D	A	90.2	4.3	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	2.2	1.7	7.1	18.6
2409	4460890.22	5339918.58	504.36	2	D	A	90.2	6.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	4.8	1.7	14.1	10.2
2411	4460894.75	5339916.68	504.36	2	D	A	90.2	7.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	5.2	1.7	24.1	-0.1
2413	4460954.11	5339891.69	504.37	2	D	A	90.2	3.4	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	0.2	1.7	14.2	12.9
2414	4460957.99	5339890.05	504.37	2	D	A	90.2	7.9	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	0.2	1.7	14.2	17.4
2417	4460762.09	5339929.21	504.37	0	D	A	90.2	18.2	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	0.0	40.9
2419	4460733.81	5339918.92	504.38	1	D	A	90.2	7.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	14.2	14.4
2420	4460733.69	5339918.88	504.38	1	D	A	90.2	7.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.5	1.8	7.4	20.5
2421	4460742.83	5339922.20	504.38	1	D	A	90.2	11.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.3	1.8	6.9	25.5
2422	4460758.94	5339928.06	504.38	1	D	A	90.2	13.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.3	1.7	6.8	27.4
2423	4460769.02	5339931.73	504.37	1	D	A	90.2	0.5	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	15.4
2424	4460770.54	5339932.28	504.37	1	D	A	90.2	3.2	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	6.6	18.1
2425	4460737.44	5339920.24	504.38	3	D	A	90.2	8.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	31.5	-2.2
2426	4460733.70	5339918.89	504.38	3	D	A	90.2	-6.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	31.6	-17.0
2427	4460736.27	5339919.82	504.38	1	D	A	90.2	10.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	28.1	3.7
2432	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	59.8	0.9	4.4	0.0	0.0	3.4	1.5	0.0	32.9
2435	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	59.8	0.9	4.4	0.0	0.0	2.8	1.5	0.0	33.3
2436	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	59.9	0.9	4.4	0.0	0.0	0.7	1.5	0.0	35.4
2438	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	60.0	0.9	4.4	0.0	0.0	0.5	1.6	0.0	35.6
2440	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	0.4	1.6	0.0	35.5
2441	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	60.4	0.9	4.4	0.0	0.0	0.3	1.6	0.0	35.3
2443	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	1.3	1.6	0.0	34.3
2445	4461042.22	5339848.07	504.39	1	D	A	90.2	8.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	76.5	-45.3
2448	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	60.4	0.9	4.4	0.0	0.0	1.1	1.6	0.0	34.4
2450	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	0.2	1.6	0.0	35.1
2451	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	0.9	1.6	0.0	34.4
2452	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	60.8	1.0	4.4	0.0	0.0	0.6	1.6	0.0	34.4
2453	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	60.8	1.0	4.4	0.0	0.0	0.2	1.6	0.0	34.8
2454	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	61.0	1.0	4.5	0.0	0.0	0.2	1.6	0.0	34.7
2455	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	1.9	1.6	0.0	33.2
2457	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	1.5	1.6	0.0	33.5
2458	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	60.2	0.9	4.4	0.0	0.0	1.7	1.6	0.0	33.3
2459	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	60.9	1.0	4.5	0.0	0.0	0.5	1.6	0.0	34.2
2460	4461054.31	5339818.25	504.42	1	D	A	90.2	-1.3	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.2	1.7	4.0	18.7
2461	4461055.50	5339814.36	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	0.4	1.6	0.0	34.2
2462	4461055.50	5339814.36	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	0.2	1.7	4.0	28.6
2463	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	0.3	1.6	0.0	34.1
2464	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	0.4	1.6	0.0	34.0
2465	4461056.84	5339810.37	504.46	1	D	A	90.2	0.1	0.9	3.0	0.0	62.7	1.2	4.5	0.0	0.0	0.2	1.7	4.0	20.0
2466	4461058.42	5339807.15	504.44	1	D	A	90.2	7.9	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	0.2	1.7	4.0	27.6
2467	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.9
2468	4461098.36	5339790.26	504.41	1	D	A	90.2	6.7	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	0.2	1.7	6.4	22.9
2469	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.9
2470	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.7
2471	4461062.28	5339800.92	504.41	1	D	A	90.2	7.3	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	6.1	1.7	12.9	11.4
2472	4461061.82	5339801.55	504.41	1	D	A	90.2	8.5	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	1.5	1.7	5.1	25.7
2473	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.7
2474	4461066.51	5339796.35	504.39	1	D	A	90.2	8.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	5.8	1.7	12.7	13.0
2475	4461066.51	5339796.35	504.39	1	D	A	90.2	8.5	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	1.8	1.7	8.4	21.9
2476	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.7
2477	4461072.30	5339792.26	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	3.5	1.7	11.1	16.8
2478	4461072.30	5339792.26	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	1.1	1.7	7.5	23.4
2479	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.7
2480	4461085.32	5339788.49	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	2.7	1.7	10.2	17.6
2481	4461085.74	5339788.46	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	6.4	25.1
2482	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.6
2483	4461090.51	5339788.45	504.39	1	D	A	90.2	3.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	6.4	20.3
2484	4461093.98	5339788.97	504.40	1	D	A	90.2	6.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	0.2	1.7	6.4	23.0
2485	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.6
2487	4461078.81	5339789.60	504.40	1	D	A	90.2	8.4	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	3.1	1.7	10.6	17.3
2488	4461078.81	5339789.60	504.40	1	D	A	90.2	8.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	0.5	1.7	6.8	24.5
2489	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	62.4								

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2501	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	62.8	1.2	4.5	0.0	0.0	0.7	1.7	0.0	31.5
2519	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	2.6	1.7	0.0	29.0
2520	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	2.3	1.7	0.0	29.2
2521	4460709.45	5340006.00	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	1.4	1.7	0.0	29.8
2523	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	1.9	1.7	0.0	29.2
2525	4460701.96	5340004.89	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.9	1.7	0.0	30.1
2526	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.6	1.7	0.0	30.2
2527	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	0.0	30.4
2530	4460713.62	5339914.50	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.2	1.8	16.0	10.9
2531	4460714.10	5339914.51	504.38	2	D	A	90.2	2.3	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.5	1.8	18.0	2.0
2532	4460716.36	5339914.54	504.37	2	D	A	90.2	3.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	15.4	8.7
2533	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.3	1.7	0.0	30.3
2534	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.2	1.7	0.0	30.3
2535	4460724.20	5339915.90	504.42	1	D	A	90.2	-2.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	14.1	4.2
2536	4460719.01	5339914.87	504.38	2	D	A	90.2	5.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	15.4	10.6
2537	4460727.78	5339916.94	504.41	0	D	A	90.2	8.4	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	0.0	30.3
2538	4460727.78	5339916.94	504.41	1	D	A	90.2	8.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	14.2	15.4
2539	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.4	1.7	0.0	30.1
2540	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	30.3
2541	4460706.08	5339915.03	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.4	1.8	16.5	10.4
2542	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	30.2
2543	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	30.1
2545	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	0.0	30.1
2549	4460698.78	5339916.88	504.35	1	D	A	90.2	8.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.7	1.8	17.3	9.4
2550	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	29.9
2552	4460667.01	5339954.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	29.9
2553	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.8
2556	4460670.20	5339977.00	504.37	0	D	A	90.2	8.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.7
2557	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	29.6
2558	4460681.28	5339927.12	504.36	0	D	A	90.2	8.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	29.5
2559	4460682.97	5339925.52	504.36	1	D	A	90.2	3.4	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	3.9	1.8	22.6	-4.2
2560	4460686.54	5339922.82	504.35	0	D	A	90.2	8.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.5
2561	4460686.54	5339922.82	504.35	1	D	A	90.2	8.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	3.6	1.8	22.3	1.3
2564	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	29.4
2566	4460692.27	5339919.51	504.34	1	D	A	90.2	8.1	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.9	1.8	21.5	2.5
2567	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	28.8
2569	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	28.8
2570	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	28.3

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2622	4460743.07	5339850.69	505.12	0	D	A	73.9	9.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	14.9
2623	4460725.10	5339871.27	505.05	0	D	A	73.9	16.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	21.7
2624	4460746.02	5339847.31	505.13	2	D	A	73.9	-3.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	90.3	-90.0
2625	4460743.95	5339849.68	505.12	1	D	A	73.9	8.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	2.7	1.7	7.2	3.6
2626	4460738.62	5339855.78	505.10	1	D	A	73.9	9.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	1.4	1.7	5.3	8.1
2627	4460729.58	5339866.13	505.07	1	D	A	73.9	12.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.6	1.8	7.4	9.4
2628	4460722.35	5339874.41	505.04	1	D	A	73.9	6.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	2.1	1.8	10.4	-1.8
2629	4460744.65	5339848.88	505.13	2	D	A	73.9	3.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	90.3	-83.1
2630	4460738.70	5339855.69	505.10	2	D	A	73.9	0.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.0	1.8	7.2	-4.1
2631	4460736.28	5339858.46	505.09	2	D	A	73.9	8.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.5	1.8	10.3	0.8
2632	4460733.73	5339861.38	505.08	2	D	A	73.9	1.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.8	1.8	8.7	-3.1
2633	4460744.63	5339848.90	505.13	3	D	A	73.9	5.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.5	1.8	9.2	1.3
2634	4460742.64	5339851.17	505.12	1	D	A	73.9	10.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	2.9	12.0
2635	4460716.48	5339881.13	505.01	1	D	A	73.9	6.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	14.2	-2.9
2636	4460713.14	5339884.96	505.00	1	D	A	73.9	7.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.8	1.8	16.6	-5.1
2637	4460710.96	5339887.46	504.99	1	D	A	73.9	1.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	28.3	-21.5
2638	4460741.73	5339852.22	505.11	2	D	A	73.9	2.7	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	7.2	1.8	07.7	-108.6
2639	4460720.69	5339876.31	505.03	1	D	A	73.9	0.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.4	1.8	10.9	-7.7
2640	4460717.61	5339879.84	505.02	1	D	A	73.9	9.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.5	1.8	10.7	0.5
2641	4460713.17	5339884.92	505.00	1	D	A	73.9	7.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.4	1.8	10.4	-1.1
2642	4460710.82	5339887.61	504.99	1	D	A	73.9	2.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.3	1.8	10.3	-5.6
2643	4460743.01	5339850.76	505.12	3	D	A	73.9	0.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.3	1.8	8.9	-3.5
2644	4460739.99	5339854.21	505.11	3	D	A	73.9	9.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	8.7	5.0
2645	4460719.01	5339878.24	505.02	2	D	A	73.9	6.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.0	1.8	18.0	-8.3
2646	4460716.18	5339881.47	505.01	2	D	A	73.9	6.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	2.0	1.8	10.4	-1.9
2647	4460736.13	5339858.63	505.09	3	D	A	73.9	7.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	8.7	3.0

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2648	4460733.21	5339861.98	505.08	3	D	A	73.9	5.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	8.8	1.5
2649	4460729.78	5339865.90	505.07	3	D	A	73.9	8.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.3	1.8	17.0	-4.4
2650	4460727.43	5339868.60	505.06	3	D	A	73.9	-3.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.3	1.8	17.0	-16.0
2651	4460725.81	5339870.45	505.05	3	D	A	73.9	6.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.3	1.8	17.0	-6.3
2652	4460722.21	5339874.57	505.04	3	D	A	73.9	8.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.3	1.8	17.0	-4.6
2653	4460718.19	5339879.18	505.02	2	D	A	73.9	1.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	15.4	-9.9
2654	4460715.85	5339881.86	505.01	2	D	A	73.9	7.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	15.3	-3.2
2655	4460740.12	5339854.06	505.11	1	D	A	73.9	12.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	7.0	1.8	9.5	0.5
2656	4460733.34	5339861.83	505.08	1	D	A	73.9	3.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	5.0	1.8	8.4	-5.8
2657	4460731.68	5339863.73	505.07	1	D	A	73.9	4.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.6	1.8	8.2	-4.3
2658	4460723.72	5339872.84	505.04	1	D	A	73.9	13.3	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.3	1.8	11.0	3.0
2659	4460735.40	5339859.47	505.09	2	D	A	73.9	8.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	5.2	1.8	9.6	-2.7
2660	4460732.71	5339862.55	505.08	2	D	A	73.9	1.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	4.6	1.8	9.2	-8.3
2661	4460713.38	5339884.68	505.00	1	D	A	73.9	9.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	2.1	1.8	9.7	1.7
2662	4460731.19	5339864.29	505.07	3	D	A	73.9	9.9	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.2	1.8	11.8	-0.3
2663	4460727.52	5339868.49	505.06	3	D	A	73.9	1.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.1	1.8	11.7	-8.8
2664	4460724.36	5339872.12	505.05	3	D	A	73.9	9.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	2.0	1.8	11.5	-0.6
2665	4460721.27	5339875.64	505.03	3	D	A	73.9	0.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	1.8	1.8	11.4	-9.3
2666	4460719.58	5339877.59	505.03	2	D	A	73.9	9.5	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	2.2	1.8	20.9	-10.2
2667	4460740.50	5339853.63	505.11	3	D	A	73.9	12.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	7.5	1.8	16.0	-7.2

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2758	4460744.92	5339902.73	504.62	0	D	A	73.9	15.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	0.0	21.6
2759	4460749.83	5339885.04	504.87	1	D	A	73.9	1.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	5.7	1.7	12.8	-12.0
2760	4460749.23	5339887.20	504.84	1	D	A	73.9	5.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	5.2	1.7	12.5	-7.6
2761	4460747.17	5339894.63	504.73	1	D	A	73.9	10.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.3	1.7	10.8	1.9
2762	4460745.34	5339901.20	504.64	1	D	A	73.9	1.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.5	1.8	9.9	-6.1
2763	4460745.11	5339902.06	504.62	1	D	A	73.9	-3.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.4	1.8	9.8	-11.0
2764	4460744.55	5339904.07	504.60	1	D	A	73.9	5.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.6	1.8	8.9	0.2
2765	4460743.67	5339907.25	504.55	1	D	A	73.9	4.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	1.4	1.8	8.6	-0.5
2766	4460741.89	5339913.64	504.46	1	D	A	73.9	10.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.9	1.8	8.0	6.1
2767	4460740.16	5339919.88	504.37	1	D	A	73.9	3.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.8	1.7
2768	4460748.56	5339889.63	504.80	1	D	A	73.9	9.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	6.6	7.9
2769	4460745.90	5339899.21	504.67	1	D	A	73.9	10.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.2	1.7	6.6	9.5

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2776	4460680.25	5339830.99	505.49	0	D	A	78.7	11.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	2.3	1.8	0.0	18.1
2777	4460673.01	5339829.30	505.48	0	D	A	78.7	-2.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	0.0	5.8
2778	4460681.58	5339831.30	505.49	1	D	A	78.7	10.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	4.3	15.1
2779	4460680.37	5339831.02	505.49	3	D	A	78.7	4.5	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.7	1.8	18.4	-6.0
2780	4460680.00	5339830.93	505.49	1	D	A	78.7	11.7	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	7.2	11.1
2781	4460680.00	5339830.93	505.49	2	D	A	78.7	11.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	8.4	9.0
2782	4460680.00	5339830.93	505.49	1	D	A	78.7	11.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	8.6	1.8	10.1	1.1
2966	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	4.0	1.8	0.0	14.1
2969	4460691.11	5339831.84	505.34	1	D	A	78.7	9.0	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	11.4	1.8	10.6	-4.6
2971	4460691.11	5339831.84	505.34	1	D	A	78.7	9.0	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	3.0	14.9
2972	4460691.11	5339831.84	505.34	1	D	A	78.7	9.0	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	7.2	8.2
2973	4460689.29	5339832.21	505.42	2	D	A	78.7	6.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	8.4	3.6

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2428	4460877.67	5340074.06	503.93	0	D	A	73.9	19.4	0.9	3.0	0.0	59.8	0.9	4.4	0.0	0.0	2.1	1.5	0.0	28.5
2429	4460950.06	5340024.60	504.03	0	D	A	73.9	19.4	0.9	3.0	0.0	57.9	0.8	4.3	0.0	0.0	3.1	1.4	0.0	29.8
2430	4460843.58	5340097.35	503.88	1	D	A	73.9	7.1	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.2	1.7	6.3	8.4
2431	4460848.50	5340093.99	503.89	1	D	A	73.9	8.2	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	0.2	1.7	13.1	2.6
2433	4461115.59	5339896.23	504.01	0	D	A	73.9	19.2	0.9	3.0	0.0	58.1	0.8	4.3	0.0	0.0	0.5	1.4	0.0	32.0
2434	4461046.70	5339944.38	504.02	0	D	A	73.9	19.2	0.9	3.0	0.0	57.2	0.7	4.2	0.0	0.0	0.2	1.4	0.0	33.4
2446	4461001.05	5339989.61	504.10	0	D	A	73.9	15.6	0.9	3.0	0.0	56.9	0.7	4.2	0.0	0.0	0.9	1.4	0.0	29.3
2447	4461054.33	5339952.70	504.16	0	D	A	73.9	19.7	0.9	3.0	0.0	56.7	0.7	4.2	0.0	0.0	0.2	1.3	0.0	34.5
2497	4460922.88	5340007.55	503.96	0	D	A	73.9	20.1	0.9	3.0	0.0	59.1	0.8	4.4	0.0	0.0	0.5	1.5	0.0	31.6
2502	4461120.56	5339907.28	504.18	0	D	A	73.9	18.3	0.9	3.0	0.0	57.6	0.7	4.3	0.0	0.0	0.7	1.4	0.0	31.4
2504	4460805.31	5340041.32	504.09	0	D	A	73.9	21.6	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.3	1.6	0.0	29.9
2509	4460843.96	5340030.60	504.05	1	D	A	73.9	12.0	0.9	3.0	0.0	62.9	1.2	4.5	0.0	0.0	0.2	1.7	13.2	6.1

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2510	4460817.37	5340037.97	504.08	2	D	A	73.9	-4.1	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.2	1.7	14.4	-11.5
2511	4460754.94	5340055.28	504.15	1	D	A	73.9	6.7	0.9	3.0	0.0	63.1	1.2	4.5	0.0	0.0	0.2	1.7	72.8	-59.0
2512	4460753.76	5340055.61	504.15	1	D	A	73.9	12.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.2	1.8	6.8	9.7
2513	4460771.19	5340050.77	504.13	1	D	A	73.9	12.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.2	1.8	14.7	1.5
2514	4460812.51	5340039.32	504.09	2	D	A	73.9	8.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	2.6	1.7	11.4	0.2
2515	4460808.74	5340040.37	504.09	2	D	A	73.9	0.4	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	7.6	-1.4
2516	4460738.90	5340059.72	504.17	1	D	A	73.9	0.3	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	5.4	1.7	13.8	-11.9
2517	4460737.34	5340060.16	504.17	1	D	A	73.9	3.3	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	5.3	1.7	13.7	-8.7
2518	4460784.61	5340047.05	504.12	2	D	A	73.9	5.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.3	1.8	33.2	-24.7
2554	4461010.07	5339969.76	504.02	0	D	A	73.9	7.1	0.9	3.0	0.0	57.3	0.7	4.2	0.0	0.0	0.3	1.4	0.0	21.0
2555	4460989.66	5339981.99	503.96	0	D	A	73.9	16.3	0.9	3.0	0.0	57.5	0.7	4.3	0.0	0.0	0.6	1.4	0.0	29.7
2573	4461162.48	5339875.40	504.13	0	D	A	73.9	15.9	0.9	3.0	0.0	58.8	0.8	4.3	0.0	0.0	0.1	1.5	0.0	28.3
2574	4460681.80	5340085.75	504.36	0	D	A	73.9	15.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	4.3	1.7	0.0	16.5
2576	4460715.43	5340094.33	504.22	0	D	A	73.9	15.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.3	1.7	0.0	21.9
2578	4460731.89	5340061.38	504.20	0	D	A	73.9	9.6	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	0.0	16.2
2579	4460723.14	5340063.24	504.25	0	D	A	73.9	9.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	1.9	1.7	0.0	14.2
2580	4460701.05	5340067.93	504.38	0	D	A	73.9	15.6	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	7.2	1.7	0.0	14.5
2586	4460732.81	5340061.19	504.19	2	D	A	73.9	8.4	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	16.5	-5.8
2588	4460716.69	5340064.61	504.29	3	D	A	73.9	8.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.1	1.8	38.8	-30.2
2590	4460709.55	5340066.12	504.33	1	D	A	73.9	11.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	14.4	1.5
2592	4460699.94	5340068.16	504.39	1	D	A	73.9	7.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.7	1.8	16.4	-5.3
2594	4460692.52	5340069.74	504.43	2	D	A	73.9	12.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	98.5	-82.9
2596	4460733.30	5340061.08	504.19	1	D	A	73.9	7.9	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	5.0	1.7	13.4	-3.6
2599	4460632.92	5340030.46	504.60	0	D	A	73.9	7.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	0.0	12.0
2600	4460634.13	5340017.53	504.65	0	D	A	73.9	13.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	9.4	1.8	0.0	8.3
2601	4460637.60	5339980.55	504.79	0	D	A	73.9	17.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.6	1.8	0.0	19.2
2602	4460635.23	5340005.82	504.70	1	D	A	73.9	2.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	87.2	-80.2
2603	4460637.91	5339977.23	504.81	1	D	A	73.9	5.8	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	31.5	-22.5
2604	4460637.65	5339980.02	504.80	1	D	A	73.9	4.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	95.5	-88.3
2605	4460637.26	5339980.51	504.80	0	D	A	73.9	17.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.6	1.8	0.0	19.3
2606	4460633.76	5340017.46	504.65	0	D	A	73.9	13.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	9.2	1.8	0.0	8.5
2607	4460632.53	5340030.40	504.60	0	D	A	73.9	7.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	0.0	12.0
2608	4460637.59	5339977.05	504.81	1	D	A	73.9	5.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	15.0	-6.1
2609	4460637.32	5339979.84	504.80	1	D	A	73.9	4.0	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.2	1.8	95.5	-88.3
2610	4460634.87	5340005.71	504.70	1	D	A	73.9	2.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	87.2	-80.2
2611	4460751.69	5340103.83	504.11	0	D	A	73.9	15.7	0.9	3.0	0.0	63.0	1.2	4.5	0.0	0.0	0.8	1.7	0.0	22.3
2612	4460771.00	5340109.02	504.07	0	D	A	73.9	4.2	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.2	1.7	0.0	11.9
2614	4460831.29	5340106.26	503.87	0	D	A	73.9	14.0	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	1.4	1.6	0.0	22.3
2615	4460824.58	5340111.18	503.86	1	D	A	73.9	9.4	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	0.5	1.6	2.5	15.7
2616	4460825.28	5340110.67	503.86	1	D	A	73.9	6.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	12.7	1.7	7.7	-7.2
2617	4460827.50	5340109.04	503.86	1	D	A	73.9	0.4	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	12.7	1.7	7.7	-13.2
2618	4460830.37	5340106.94	503.87	1	D	A	73.9	7.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	10.4	1.7	9.4	-5.3
2619	4460835.65	5340103.07	503.87	1	D	A	73.9	8.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	10.6	1.7	7.7	-3.2
2620	4460838.82	5340100.74	503.88	1	D	A	73.9	-1.2	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	8.7	1.7	7.4	-10.6
2621	4460837.10	5340102.00	503.88	3	D	A	73.9	-1.0	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	9.4	1.7	26.2	-30.4
2744	4460783.53	5340111.98	504.03	0	D	A	73.9	13.6	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	0.3	1.7	0.0	21.6
2745	4460643.03	5339927.17	505.06	0	D	A	73.9	17.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.6	1.8	0.0	18.0
2750	4460643.55	5339922.87	505.09	1	D	A	73.9	12.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	6.9	8.8
2756	4460643.30	5339927.21	505.05	0	D	A	73.9	17.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.7	1.8	0.0	17.9
2757	4460643.83	5339922.83	505.08	1	D	A	73.9	12.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.2	1.8	6.9	8.8
2770	4460680.47	5340072.10	504.49	0	D	A	73.9	7.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.1	1.7	0.0	7.2
2771	4460665.00	5340074.28	504.52	0	D	A	73.9	14.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	5.2	1.7	0.0	14.3
2772	4460649.69	5340076.45	504.55	0	D	A	73.9	7.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.3	1.7	0.0	8.0
2773	4460679.11	5340072.29	504.49	2	D	A	73.9	9.3	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	99.9	-88.0
2774	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	59.2	0.8	4.4	0.0	0.0	0.0	1.5	0.0	21.9
2775	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	0.0	1.5	0.0	21.6
2786	4460647.89	5339885.81	505.32	0	D	A	73.9	14.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.9	1.8	0.0	18.0
2787	4460649.81	5339865.44	505.48	0	D	A	73.9	10.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.7	1.8	0.0	13.7
2788	4460650.49	5339858.20	505.54	0	D	A	73.9	5.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.7	1.8	0.0	8.9
2795	4460649.31	5339870.74	505.44	2	D	A	73.9	5.5	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-9.3
2796	4460649.80	5339865.53	505.48	2	D	A	73.9	8.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-6.4
2797	4460647.75	5339887.36	505.31	1	D	A	73.9	4.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	2.0	1.8	19.5	-13.5
2798	4460648.53	5339879.01	505.38	1	D	A	73.9	11.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.2	1.8	17.8	-4.3
2799	4460649.45	5339869.26	505.45	1	D	A	73.9	7.6	0.											

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
2804	4460650.48	5339858.30	505.54	1	D	A	73.9	5.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.5	1.8	32.9	-23.9
2806	4460650.52	5339857.93	505.54	1	D	A	73.9	4.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.7	1.8	9.3	-3.4
2808	4460647.94	5339885.33	505.33	2	D	A	73.9	10.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.3	1.8	8.6	2.9
2809	4460648.89	5339875.22	505.41	2	D	A	73.9	9.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.3	1.8	8.6	2.2
2810	4460649.53	5339868.38	505.46	2	D	A	73.9	6.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	8.5	-0.8
2811	4460650.06	5339862.77	505.50	2	D	A	73.9	8.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	8.5	1.0
2813	4460650.45	5339858.59	505.53	2	D	A	73.9	2.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	8.5	-5.0
2814	4460650.59	5339857.09	505.55	2	D	A	73.9	1.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-5.5
2815	4460649.98	5339858.01	505.54	0	D	A	73.9	5.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.6	1.8	0.0	8.7
2816	4460649.35	5339865.20	505.48	0	D	A	73.9	10.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.7	1.8	0.0	13.7
2818	4460647.56	5339885.66	505.33	0	D	A	73.9	14.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.9	1.8	0.0	18.0
2819	4460649.35	5339865.23	505.48	2	D	A	73.9	8.4	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-6.4
2820	4460648.89	5339870.47	505.44	2	D	A	73.9	5.5	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-9.3
2821	4460648.99	5339869.32	505.45	1	D	A	73.9	7.6	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.1	1.8	17.6	-7.7
2822	4460648.14	5339879.07	505.38	1	D	A	73.9	11.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.2	1.8	17.8	-4.2
2823	4460647.41	5339887.42	505.32	1	D	A	73.9	4.7	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	2.0	1.8	19.5	-13.4
2824	4460648.73	5339872.33	505.43	2	D	A	73.9	6.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.8	-8.6
2825	4460648.44	5339875.62	505.40	2	D	A	73.9	3.5	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	16.7	-11.5
2826	4460648.23	5339878.02	505.39	2	D	A	73.9	4.1	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	16.7	-10.8
2827	4460647.99	5339880.72	505.37	2	D	A	73.9	4.5	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	16.8	-10.5
2828	4460649.96	5339858.25	505.53	1	D	A	73.9	6.0	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.5	1.8	32.8	-23.7
2831	4460649.98	5339857.93	505.54	1	D	A	73.9	5.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.7	1.8	9.3	-3.0
2833	4460650.08	5339856.82	505.54	2	D	A	73.9	0.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-6.5
2835	4460649.96	5339858.19	505.53	2	D	A	73.9	2.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	8.5	-5.0
2836	4460649.59	5339862.38	505.50	2	D	A	73.9	8.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	8.5	1.0
2837	4460649.10	5339868.02	505.46	2	D	A	73.9	6.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	8.5	-0.7
2838	4460648.50	5339874.89	505.41	2	D	A	73.9	9.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.3	1.8	8.6	2.2
2839	4460647.61	5339885.05	505.33	2	D	A	73.9	10.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.3	1.8	8.6	2.9
2840	4460801.78	5340115.30	503.91	0	D	A	73.9	11.5	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	0.1	1.6	0.0	20.2
2849	4461162.10	5339847.40	503.94	0	D	A	73.9	9.2	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	0.0	1.5	0.0	20.5
2879	4461169.79	5339846.65	503.90	0	D	A	73.9	9.0	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	0.0	1.5	0.0	20.3
2908	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	0.4	1.5	0.0	19.1
2909	4460655.68	5340079.29	504.49	0	D	A	73.9	13.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.4	1.7	0.0	14.2
2933	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	59.0	0.8	4.3	0.0	0.0	0.0	1.5	0.0	19.2
2934	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	59.5	0.9	4.4	0.0	0.0	0.4	1.5	0.0	18.7
3010	4460629.96	5340053.15	504.54	0	D	A	73.9	-0.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.4	1.8	0.0	2.5
3012	4460630.07	5340052.36	504.55	0	D	A	73.9	-1.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.7	1.8	0.0	2.7
3014	4460630.31	5340050.58	504.55	0	D	A	73.9	4.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.5	1.8	0.0	5.6
3016	4460631.18	5340044.13	504.56	0	D	A	73.9	10.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.9	1.8	0.0	12.8
3017	4460632.26	5340036.18	504.58	0	D	A	73.9	7.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	0.0	12.2
3018	4460632.40	5340035.12	504.58	1	D	A	73.9	4.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	29.1	-20.5
3036	4460631.87	5340036.12	504.58	0	D	A	73.9	7.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	0.0	12.1
3037	4460630.80	5340044.07	504.56	0	D	A	73.9	10.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.8	1.8	0.0	12.9
3038	4460629.93	5340050.53	504.54	0	D	A	73.9	4.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.5	1.8	0.0	5.7
3039	4460629.69	5340052.31	504.54	0	D	A	73.9	-1.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.7	1.8	0.0	2.7
3041	4460629.58	5340053.07	504.54	0	D	A	73.9	-1.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.3	1.8	0.0	2.2
3046	4460632.02	5340034.98	504.58	1	D	A	73.9	4.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	29.1	-20.5
3047	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.3	1.6	0.0	17.9
3050	4460819.53	5340114.22	503.85	1	D	A	73.9	5.2	0.9	3.0	0.0	61.5	1.0	4.5	0.0	0.0	0.4	1.6	2.5	11.4
3051	4460814.40	5340115.82	503.84	2	D	A	73.9	1.9	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	5.1	3.4
3053	4460815.60	5340115.44	503.85	2	D	A	73.9	-0.1	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.4	1.7	4.0	2.4
3055	4460817.94	5340114.72	503.85	2	D	A	73.9	5.9	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.6	1.7	4.1	8.1
3056	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	59.7	0.9	4.4	0.0	0.0	0.2	1.5	0.0	18.3
3192	4460642.59	5340075.82	504.53	0	D	A	73.9	9.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.0	1.8	0.0	10.5
3193	4460636.46	5340074.45	504.49	0	D	A	73.9	5.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.7	1.8	0.0	6.4
3194	4460629.77	5340060.16	504.52	0	D	A	73.9	11.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.1	1.8	0.0	12.8
3195	4460630.15	5340060.13	504.52	0	D	A	73.9	11.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.1	1.8	0.0	12.7
3196	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.1	1.6	0.0	15.9
3198	4460812.96	5340116.03	503.84	2	D	A	73.9	1.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	5.1	2.9
3200	4460813.65	5340116.04	503.84	2	D	A	73.9	-17.6	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	0.2	1.7	5.1	-16.1
3201	4460634.54	5340074.47	504.49	0	D	A	73.9	-2.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.7	1.8	0.0	-1.2
3202	4460639.90	5340075.65	504.52	0	D	A	73.9	10.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.9	1.8	0.0	11.2
3238	4460630.27	5340067.32	504.50	0	D	A	73.9	0.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.4	1.8	0.0	1.7
3240	4460632.40	5340071.10	504.49	0	D	A	73.9	8.8	0.9	3.0	0.0	65.3	1.4							

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2841	4460796.42	5339882.57	504.86	0	D	A	73.9	13.1	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.2	1.7	0.0	19.7
2843	4460787.76	5339878.44	504.87	1	D	A	73.9	1.3	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	7.0	1.7	11.6	-10.8
2844	4460788.92	5339878.99	504.87	1	D	A	73.9	5.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.4	1.7	10.5	-10.9
2845	4460797.81	5339883.22	504.86	1	D	A	73.9	12.0	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	12.0	1.7	10.5	-4.3
2846	4460805.31	5339886.80	504.85	1	D	A	73.9	-0.7	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	10.8	1.7	10.4	-15.5
2847	4460799.40	5339883.99	504.86	1	D	A	73.9	11.1	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	0.2	1.7	2.8	14.8
2848	4460805.43	5339886.85	504.85	1	D	A	73.9	-2.3	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	0.2	1.7	2.8	1.6
2910	4460786.84	5339862.31	505.07	0	D	A	73.9	10.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	11.4	1.7	0.0	5.8
2911	4460784.98	5339869.60	505.01	0	D	A	73.9	4.6	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	6.8	1.7	0.0	4.2
2912	4460784.35	5339872.10	504.99	0	D	A	73.9	3.5	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	0.2	1.7	0.0	9.7
2913	4460784.07	5339873.18	504.98	1	D	A	73.9	-16.8	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	0.2	1.7	2.5	-13.2
2914	4460786.21	5339864.76	505.05	1	D	A	73.9	-1.3	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.4	1.7	11.8	-19.5
2915	4460785.53	5339867.47	505.03	1	D	A	73.9	6.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.0	1.7	11.6	-11.7
2916	4460784.54	5339871.34	504.99	1	D	A	73.9	5.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.4	1.7	11.2	-13.6
2917	4460784.11	5339873.03	504.98	1	D	A	73.9	-4.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	13.4	1.7	11.2	-23.3
2918	4460788.26	5339856.72	505.12	2	D	A	73.9	-2.1	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	1.3	1.7	6.1	-3.3
2920	4460788.06	5339857.51	505.11	3	D	A	73.9	3.5	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.0	1.7	10.1	-1.7
2921	4460787.32	5339860.43	505.09	3	D	A	73.9	5.8	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	1.0	1.7	10.0	0.6
2923	4460787.61	5339859.25	505.10	1	D	A	73.9	7.7	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	2.7	1.7	4.6	6.5
2924	4460786.60	5339863.26	505.06	1	D	A	73.9	3.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.1	1.7	11.1	-13.4
2925	4460787.89	5339858.17	505.11	2	D	A	73.9	3.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	1.8	1.7	6.9	1.2
2928	4460788.31	5339856.51	505.12	1	D	A	73.9	-7.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	11.3	1.7	10.7	-24.2
2929	4460787.48	5339859.77	505.09	1	D	A	73.9	7.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	9.8	1.7	10.2	-7.0
2930	4460785.50	5339867.58	505.02	1	D	A	73.9	10.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	15.7	1.7	11.3	-12.0
2931	4460784.21	5339872.65	504.98	1	D	A	73.9	-2.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	15.7	1.8	11.3	-24.8
2932	4460788.05	5339857.55	505.11	2	D	A	73.9	3.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	8.3	1.7	15.1	-14.6
3091	4460810.76	5339888.22	504.81	0	D	A	73.9	10.2	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	0.2	1.7	0.0	17.1
3092	4460806.24	5339887.11	504.85	1	D	A	73.9	0.4	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	10.7	1.7	10.4	-14.3
3093	4460807.12	5339887.33	504.84	1	D	A	73.9	-1.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	10.7	1.7	10.4	-16.3
3094	4460810.47	5339888.15	504.82	1	D	A	73.9	7.9	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	9.1	1.7	11.8	-6.5
3095	4460814.65	5339889.18	504.79	1	D	A	73.9	3.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	9.0	1.7	12.0	-10.6
3096	4460810.76	5339888.22	504.81	1	D	A	73.9	10.2	0.9	3.0	0.0	63.4	1.2	4.5	0.0	0.0	0.2	1.7	2.8	14.1
3247	4460785.61	5339875.67	504.93	0	D	A	73.9	7.7	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	0.2	1.7	0.0	13.9
3250	4460784.86	5339874.47	504.95	1	D	A	73.9	4.8	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	2.9	8.1
3251	4460786.40	5339876.95	504.90	1	D	A	73.9	4.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	6.2	1.7	6.9	-2.2
3252	4460784.55	5339873.97	504.96	1	D	A	73.9	2.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	13.0	1.7	11.6	-15.9
3253	4460786.04	5339876.36	504.91	1	D	A	73.9	5.8	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	13.8	1.7	10.0	-12.0
3254	4460787.09	5339878.07	504.88	1	D	A	73.9	-7.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	12.7	1.7	10.4	-24.2

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2668	4460737.08	5339848.25	505.10	0	D	A	73.9	8.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.2	1.7	0.0	13.5
2670	4460720.07	5339867.50	505.03	0	D	A	73.9	16.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	21.5
2676	4460735.94	5339849.55	505.10	1	D	A	73.9	10.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.6	1.8	7.1	5.6
2677	4460729.25	5339857.11	505.07	1	D	A	73.9	9.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	1.1	1.8	8.0	5.7
2678	4460719.91	5339867.68	505.03	1	D	A	73.9	12.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.5	1.8	7.2	9.7
2679	4460712.43	5339876.13	504.99	1	D	A	73.9	6.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.7	1.8	9.7	-0.7
2680	4460739.18	5339845.88	505.11	2	D	A	73.9	-1.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	30.6	-28.1
2682	4460733.69	5339852.09	505.09	2	D	A	73.9	0.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	2.3	1.8	7.6	-4.7
2684	4460731.28	5339854.81	505.08	2	D	A	73.9	7.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.8	1.8	7.1	3.8
2685	4460728.75	5339857.68	505.07	2	D	A	73.9	1.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	1.0	1.8	8.9	-3.4
2687	4460734.97	5339850.64	505.09	3	D	A	73.9	6.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.4	1.8	9.1	1.4
2690	4460734.74	5339850.89	505.09	1	D	A	73.9	11.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	2.6	13.2
2693	4460707.21	5339882.04	504.97	1	D	A	73.9	6.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	14.3	-3.0
2694	4460705.51	5339883.96	504.96	1	D	A	73.9	-3.5	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.4	1.8	15.1	-14.3
2697	4460706.99	5339882.29	504.97	1	D	A	73.9	1.9	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	84.5	-77.8
2700	4460737.31	5339847.99	505.11	2	D	A	73.9	2.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	8.3	1.8	05.8	-107.8
2702	4460710.72	5339878.07	504.98	1	D	A	73.9	1.0	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	1.9	1.8	10.1	-6.5
2705	4460707.84	5339881.33	504.97	1	D	A	73.9	8.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.0	1.8	10.0	1.2
2707	4460733.29	5339852.54	505.09	3	D	A	73.9	0.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.3	1.8	8.9	-3.5
2709	4460730.17	5339856.07	505.07	3	D	A	73.9	9.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	8.8	4.9
2712	4460719.35	5339868.31	505.02	2	D	A	73.9	6.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.8	1.8	34.6	-24.8
2714	4460716.47	5339871.56	505.01	2	D	A	73.9	6.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	1.6	1.8	19.3	-10.6
2716	4460726.22	5339860.53	505.05	3	D	A	73.9	7.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	8.8	2.9
2718	4460723.20	5339863.95	505.04	3	D	A	73.9	5.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	16.4	-6.2
2719	4460719.66	5339867.96	505.02	3	D	A	73.9	8.4	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.3	1.8	17.0	-4.4
2721	4460717.22	5339870.72	505.01	3	D	A	73.9	-3.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.3	1.8	17.0	-16.0

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2722	4460715.55	5339872.61	505.01	3	D	A	73.9	6.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.3	1.8	17.0	-6.3
2724	4460711.82	5339876.83	504.99	3	D	A	73.9	8.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.3	1.8	16.9	-4.6
2726	4460717.66	5339870.22	505.02	2	D	A	73.9	1.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	15.4	-10.1
2728	4460715.28	5339872.92	505.00	2	D	A	73.9	7.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	15.4	-3.3
2730	4460731.04	5339855.09	505.08	1	D	A	73.9	14.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	6.1	1.8	9.1	3.0
2731	4460721.91	5339865.42	505.03	1	D	A	73.9	3.7	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.0	1.8	11.7	-8.1
2733	4460720.18	5339867.37	505.03	1	D	A	73.9	4.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.7	1.8	11.4	-6.7
2734	4460712.29	5339876.29	504.99	1	D	A	73.9	13.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	2.6	1.8	10.3	4.0
2736	4460731.03	5339855.10	505.08	2	D	A	73.9	8.2	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	6.0	1.8	10.0	-3.8
2738	4460728.35	5339858.13	505.06	2	D	A	73.9	1.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	5.2	1.8	9.6	-9.3
2739	4460718.99	5339868.72	505.02	3	D	A	73.9	10.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	1.8	1.8	11.2	0.7
2740	4460715.17	5339873.04	505.00	3	D	A	73.9	1.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	1.6	1.8	11.1	-7.9
2741	4460711.87	5339876.77	504.99	3	D	A	73.9	9.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.5	1.8	11.0	0.3
2742	4460708.66	5339880.40	504.97	3	D	A	73.9	0.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	1.4	1.8	10.8	-8.5
2743	4460731.01	5339855.11	505.08	3	D	A	73.9	14.0	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	6.4	1.8	15.5	-4.1
2901	4460704.22	5339885.76	504.94	0	D	A	73.9	6.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	10.9
2902	4460700.44	5339891.17	504.87	0	D	A	73.9	9.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.0	1.8	0.0	12.7
2903	4460694.68	5339899.40	504.76	0	D	A	73.9	10.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	15.2
2904	4460704.01	5339886.07	504.93	1	D	A	73.9	6.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.6	1.8	16.1	-5.3
2905	4460699.18	5339892.97	504.84	1	D	A	73.9	7.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	14.4	-2.5
2906	4460696.01	5339897.50	504.78	1	D	A	73.9	7.5	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.9	1.8	18.6	-8.5
2907	4460692.99	5339901.82	504.73	1	D	A	73.9	6.9	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	1.9	1.8	18.6	-9.0
3228	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	14.7
3232	4460692.35	5339914.28	504.48	1	D	A	73.9	9.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.3	1.8	18.7	-7.8
3356	4460691.15	5339906.80	504.67	0	D	A	73.9	7.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	12.6
3359	4460691.02	5339907.76	504.66	1	D	A	73.9	6.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	3.8	1.8	22.6	-18.0

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2880	4460694.56	5339877.51	504.88	0	D	A	73.9	10.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	14.7
2881	4460692.50	5339887.13	504.80	0	D	A	73.9	9.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.8	1.8	0.0	13.9
2882	4460690.64	5339895.83	504.74	0	D	A	73.9	9.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	13.9
2884	4460691.39	5339892.35	504.76	2	D	A	73.9	8.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.9	1.8	25.5	-20.7
2886	4460690.27	5339897.56	504.73	2	D	A	73.9	5.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.8	1.8	25.4	-23.4
2887	4460695.04	5339875.25	504.89	1	D	A	73.9	7.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	6.9	4.4
2888	4460694.18	5339879.30	504.86	1	D	A	73.9	4.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.1	1.8	8.6	-1.0
2889	4460690.05	5339898.62	504.72	2	D	A	73.9	3.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.8	1.8	25.5	-25.1
2890	4460693.30	5339883.39	504.83	1	D	A	73.9	5.4	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.2	1.8	14.4	-4.7
2892	4460692.51	5339887.11	504.80	1	D	A	73.9	6.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.5	1.8	15.7	-5.5
2893	4460693.36	5339883.12	504.83	2	D	A	73.9	11.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	5.2	1.8	14.5	-7.7
2894	4460691.77	5339890.54	504.78	2	D	A	73.9	2.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.2	1.8	14.5	-16.0
2895	4460691.39	5339892.31	504.76	2	D	A	73.9	2.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.1	1.8	14.5	-16.7
2897	4460690.52	5339896.42	504.73	2	D	A	73.9	8.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.0	1.8	14.4	-10.4
2898	4460689.80	5339899.77	504.71	2	D	A	73.9	-9.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.0	1.8	14.5	-28.5
2899	4460693.94	5339880.40	504.86	3	D	A	73.9	9.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.5	1.8	20.1	-10.9
3217	4460690.26	5339904.79	504.67	0	D	A	73.9	10.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	14.8
3220	4460689.90	5339900.99	504.70	2	D	A	73.9	3.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.7	1.8	25.4	-25.2
3222	4460690.14	5339903.50	504.68	2	D	A	73.9	4.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.6	1.8	25.3	-24.4
3223	4460690.42	5339906.42	504.66	2	D	A	73.9	5.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	4.3	1.8	25.0	-23.2
3225	4460690.65	5339908.87	504.64	2	D	A	73.9	2.5	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	3.8	1.8	24.6	-24.9
3227	4460690.55	5339907.84	504.65	1	D	A	73.9	5.8	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	3.9	1.8	22.8	-18.4
3233	4460692.35	5339914.28	504.48	0	D	A	73.9	9.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	14.7
3236	4460692.35	5339914.28	504.48	1	D	A	73.9	9.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.3	1.8	18.7	-7.8
3257	4460702.59	5339844.32	505.02	0	D	A	73.9	7.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.6	1.8	0.0	6.2
3258	4460701.90	5339848.50	504.98	0	D	A	73.9	5.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.3	1.8	0.0	9.4
3259	4460702.79	5339843.11	505.03	1	D	A	73.9	4.5	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.6	1.8	5.8	1.6
3263	4460702.33	5339845.88	505.01	1	D	A	73.9	9.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.9	1.8	9.9	-0.9
3264	4460702.55	5339844.58	505.02	2	D	A	73.9	7.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.7	1.8	9.2	-0.9
3265	4460702.05	5339847.60	504.99	2	D	A	73.9	-5.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.8	1.8	9.4	-13.9
3266	4460702.71	5339843.61	505.03	1	D	A	73.9	5.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	6.8	1.8	9.5	-6.7
3285	4460703.89	5339860.95	505.76	0	D	A	73.9	8.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	13.4
3287	4460703.77	5339861.48	505.76	1	D	A	73.9	7.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.4	1.8	7.0	4.4
3288	4460703.07	5339864.40	505.76	1	D	A	73.9	-3.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.3	1.8	7.0	-5.9
3289	4460703.54	5339862.42	505.76	3	D	A	73.9	6.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	19.4	-13.7
3339	4460697.55	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	13.0
3346	4460697.75	5339869.93	504.99	1	D	A	73.9	8.4	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	2.8	1.8	10.4	-0.6
3349	4460697.49	5339870.25	504.98	3	D	A	73.9	6.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	43.0	-37.3

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3351	4460699.80	5339867.38	505.07	3	D	A	73.9	-5.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.1	1.9	24.8	-33.1
3385	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.5	1.8	0.0	10.6
3386	4460701.45	5339865.95	505.42	1	D	A	73.9	6.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.1	1.8	10.7	-3.3
3387	4460702.97	5339864.68	505.75	3	D	A	73.9	-9.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	19.4	-29.5
3388	4460701.41	5339865.99	505.41	3	D	A	73.9	6.0	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	2.1	1.9	24.8	-21.6
3389	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.6	1.8	0.0	10.4
3390	4460703.88	5339853.04	505.28	1	D	A	73.9	-0.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	4.2	-0.2
3391	4460702.29	5339850.92	505.06	1	D	A	73.9	3.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.8	1.8	12.1	-11.0
3392	4460703.54	5339852.58	505.23	1	D	A	73.9	3.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.1	1.8	11.4	-9.9
3399	4460704.45	5339855.33	505.53	0	D	A	73.9	6.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.3	1.8	0.0	10.4
3404	4460704.44	5339855.24	505.52	1	D	A	73.9	5.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.3	1.8	6.8	3.4
3406	4460704.17	5339853.55	505.33	1	D	A	73.9	-4.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	2.8	1.8	11.0	-17.0
3407	4460704.36	5339854.77	505.47	1	D	A	73.9	3.3	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	2.5	1.8	10.7	-8.2

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
2852	4460772.33	5339852.23	505.14	0	D	A	72.2	14.9	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	6.4	1.7	0.0	12.7
2854	4460755.81	5339848.51	505.15	0	D	A	72.2	4.6	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	2.6	1.7	0.0	5.8
2855	4460782.14	5339854.44	505.13	1	D	A	72.2	10.4	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.4	1.7	5.1	6.2
2856	4460768.80	5339851.43	505.14	1	D	A	72.2	12.2	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	3.3	1.7	4.9	8.0
2857	4460757.60	5339848.91	505.15	1	D	A	72.2	8.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	3.2	1.7	4.8	3.9
2858	4460783.69	5339854.79	505.13	2	D	A	72.2	7.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.6	1.7	6.6	3.1
2859	4460754.59	5339848.23	505.15	3	D	A	72.2	-4.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.5	1.7	9.2	-10.5
2860	4460765.61	5339850.71	505.14	1	D	A	72.2	13.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	4.3	11.8
2861	4460786.78	5339855.48	505.13	2	D	A	72.2	1.5	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	1.2	1.7	6.0	-1.4
2862	4460762.25	5339849.96	505.14	3	D	A	72.2	10.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.3	1.7	8.7	5.4
2863	4460755.57	5339848.45	505.15	3	D	A	72.2	2.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.4	1.7	9.0	-3.3
2864	4460783.56	5339854.76	505.13	3	D	A	72.2	9.0	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.9	1.7	9.9	2.4
2865	4460777.15	5339853.31	505.14	3	D	A	72.2	7.1	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	0.3	1.7	8.7	2.0
2866	4460771.02	5339851.93	505.14	3	D	A	72.2	8.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	0.3	1.7	8.7	3.5
2867	4460779.29	5339853.80	505.14	1	D	A	72.2	12.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	11.6	1.8	10.4	-6.5
2868	4460769.82	5339851.66	505.14	1	D	A	72.2	4.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	11.3	1.8	10.4	-14.3
2869	4460767.44	5339851.13	505.14	1	D	A	72.2	3.4	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	11.2	1.8	10.4	-15.1
2870	4460760.39	5339849.54	505.14	1	D	A	72.2	10.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	11.0	1.8	10.4	-7.6
2871	4460785.97	5339855.30	505.13	2	D	A	72.2	4.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	7.8	1.8	14.9	-14.5
2872	4460779.24	5339853.78	505.14	3	D	A	72.2	-0.9	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.6	1.8	14.9	-18.3
2873	4460775.65	5339852.98	505.14	3	D	A	72.2	8.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	5.2	1.8	14.6	-8.7
2874	4460771.94	5339852.14	505.14	3	D	A	72.2	0.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.8	1.8	14.4	-16.0
2876	4460767.40	5339851.12	505.14	3	D	A	72.2	9.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	4.8	1.8	14.3	-7.1
2878	4460758.41	5339849.09	505.15	3	D	A	72.2	9.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	11.3	1.8	16.7	-16.3
2935	4460815.43	5339863.34	505.12	0	D	A	72.2	11.8	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	8.7	1.7	0.0	8.2
2936	4460805.61	5339859.37	505.14	0	D	A	72.2	7.9	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	7.9	1.7	0.0	4.9
2937	4460820.05	5339865.20	505.10	1	D	A	72.2	7.0	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	10.1	1.7	8.4	-6.8
2938	4460821.82	5339865.92	505.10	1	D	A	72.2	0.9	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	1.5	1.7	3.6	0.9
2939	4460819.00	5339864.78	505.10	1	D	A	72.2	6.9	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	1.6	1.7	3.6	6.7
2940	4460813.15	5339862.42	505.12	1	D	A	72.2	8.9	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	1.7	1.7	3.1	9.0
2941	4460809.00	5339860.74	505.13	1	D	A	72.2	0.8	0.9	3.0	0.0	63.7	1.3	4.5	0.0	0.0	2.5	1.7	3.5	-0.4
2942	4460819.94	5339865.15	505.10	2	D	A	72.2	7.2	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	2.1	1.7	5.1	5.0
2943	4460817.14	5339864.03	505.11	2	D	A	72.2	-1.4	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	2.0	1.7	7.1	-5.5
2944	4460811.78	5339861.86	505.13	2	D	A	72.2	10.3	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	1.7	1.7	6.7	6.8
2945	4460804.76	5339859.03	505.15	2	D	A	72.2	6.4	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.6	1.7	5.5	4.9
2946	4460811.65	5339861.81	505.13	3	D	A	72.2	6.1	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	1.4	1.7	7.4	1.9
2947	4460806.25	5339859.63	505.14	3	D	A	72.2	8.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	1.4	1.7	7.4	4.5
2948	4460819.09	5339864.81	505.10	3	D	A	72.2	8.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	8.5	4.5
2949	4460815.62	5339863.41	505.11	3	D	A	72.2	-4.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.7	8.5	-8.6
2951	4460805.60	5339859.37	505.14	1	D	A	72.2	7.9	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	3.2	1.7	4.9	4.6
2955	4460804.48	5339858.92	505.15	3	D	A	72.2	5.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	11.7	1.7	17.4	-20.0
2958	4460817.33	5339864.10	505.11	3	D	A	72.2	8.9	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	11.8	1.7	17.3	-16.7
2959	4460813.47	5339862.55	505.12	3	D	A	72.2	-2.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	12.0	1.7	17.1	-27.7
2960	4460809.65	5339861.00	505.13	3	D	A	72.2	8.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	11.4	1.7	17.5	-16.7
2961	4460812.57	5339862.18	505.12	1	D	A	72.2	-2.2	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	13.0	1.7	10.4	-21.6
2962	4460807.51	5339860.14	505.14	1	D	A	72.2	10.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	12.4	1.7	10.5	-9.0
2963	4460812.57	5339862.18	505.12	2	D	A	72.2	13.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	7.9	6.9
2964	4460817.76	5339864.27	505.11	3	D	A	72.2	5.8	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	9.0	-1.8
2965	4460820.88	5339865.53	505.10	3	D	A	72.2	5.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	9.0	-2.5
2974	4460651.00	5339837.41	505.40	0	D	A	72.2	15.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.5	1.8	0.0	17.2
2978	4460651.49	5339823.22	505.30	1	D	A	72.2	9.5	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	4.4	5.5

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
2980	4460651.15	5339832.95	505.37	1	D	A	72.2	10.3	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	4.4	6.3
2981	4460650.76	5339844.19	505.46	1	D	A	72.2	10.7	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	4.4	6.8
2982	4460650.49	5339851.96	505.52	1	D	A	72.2	5.7	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	4.4	1.7
2983	4460651.59	5339820.28	505.27	2	D	A	72.2	4.7	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	17.5	-14.1
2985	4460651.53	5339821.94	505.29	2	D	A	72.2	-4.5	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	17.5	-23.3
2986	4460651.21	5339831.38	505.36	2	D	A	72.2	5.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.2	1.8	20.3	-16.8
2987	4460651.14	5339833.42	505.37	2	D	A	72.2	-1.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.9	1.8	19.7	-22.2
2988	4460651.06	5339835.64	505.39	2	D	A	72.2	5.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.1	1.8	25.1	-24.1
2989	4460650.98	5339837.81	505.41	2	D	A	72.2	5.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.0	1.8	25.1	-24.0
2990	4460650.85	5339841.67	505.44	2	D	A	72.2	6.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	3.5	1.8	25.1	-23.0
2992	4460651.57	5339820.85	505.28	1	D	A	72.2	6.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.4	1.8	7.4	-3.5
2993	4460651.17	5339832.41	505.37	1	D	A	72.2	12.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	4.0	1.8	12.0	-2.0
2995	4460650.83	5339842.15	505.44	1	D	A	72.2	-3.3	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.7	1.8	11.7	-17.5
2996	4460650.59	5339849.20	505.50	1	D	A	72.2	11.3	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.7	1.8	10.6	-0.9
2998	4460650.61	5339848.70	505.49	2	D	A	72.2	11.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	8.3	2.8
2999	4460650.36	5339855.78	505.55	2	D	A	72.2	-3.2	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-11.8
3000	4460650.47	5339852.57	505.52	2	D	A	72.2	8.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	4.0	1.8	25.1	-21.9
3001	4460651.35	5339827.34	505.33	2	D	A	72.2	11.4	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	8.2	3.0
3002	4460651.64	5339818.94	505.26	3	D	A	72.2	-5.6	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.2	1.8	17.7	-22.6
3003	4460651.62	5339819.57	505.27	3	D	A	72.2	-0.1	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.2	1.8	17.7	-17.1
3004	4460651.05	5339835.88	505.39	1	D	A	72.2	9.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.2	1.8	6.9	3.8
3005	4460650.92	5339839.66	505.42	1	D	A	72.2	5.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	1.2	1.8	8.7	-3.0
3006	4460650.80	5339843.14	505.45	1	D	A	72.2	5.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.3	1.8	7.2	-0.1
3007	4460650.64	5339847.63	505.48	1	D	A	72.2	7.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.4	1.8	7.2	1.4
3008	4460651.09	5339834.63	505.38	3	D	A	72.2	0.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.3	1.8	17.7	-16.2
3009	4460650.36	5339855.64	505.54	1	D	A	72.2	-1.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.4	1.8	32.3	-32.0
3019	4460727.16	5339841.13	505.15	0	D	A	72.2	14.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	17.4
3020	4460735.27	5339843.43	505.14	1	D	A	72.2	10.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	3.3	1.8	5.2	4.9
3021	4460723.63	5339840.13	505.16	1	D	A	72.2	11.5	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.5	1.8	4.5	7.6
3022	4460715.51	5339837.83	505.16	1	D	A	72.2	4.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.8	1.8	4.0	1.7
3023	4460737.56	5339844.08	505.14	2	D	A	72.2	7.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	30.5	-20.7
3024	4460714.21	5339837.46	505.17	2	D	A	72.2	-9.4	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.9	1.8	7.1	-15.6
3025	4460718.61	5339838.70	505.16	1	D	A	72.2	9.7	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	10.6	1.8	10.4	-9.1
3026	4460731.43	5339842.34	505.15	2	D	A	72.2	5.9	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	10.4	1.8	41.5	-43.9
3027	4460731.50	5339842.36	505.15	1	D	A	72.2	12.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	10.5	1.8	10.4	-5.9
3028	4460716.72	5339838.17	505.16	2	D	A	72.2	7.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	6.1	1.8	10.1	-6.8
3029	4460725.54	5339840.67	505.15	3	D	A	72.2	12.9	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	11.0	1.8	16.8	-12.9
3030	4460715.21	5339837.74	505.16	3	D	A	72.2	3.4	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	11.1	1.8	16.8	-22.6
3035	4460737.73	5339844.13	505.14	3	D	A	72.2	7.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	10.9	1.8	16.7	-18.4
3057	4460696.17	5339828.97	505.19	0	D	A	72.2	6.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.6	1.8	0.0	6.1
3058	4460696.65	5339826.64	505.20	0	D	A	72.2	-1.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	0.0	1.3
3059	4460698.06	5339819.67	505.23	0	D	A	72.2	11.3	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	10.5	1.8	0.0	3.4
3060	4460699.77	5339811.29	505.26	0	D	A	72.2	5.6	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	13.0	1.8	0.0	-4.9
3061	4460700.95	5339805.47	505.28	0	D	A	72.2	9.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	11.8	1.8	0.0	-0.2
3062	4460697.61	5339821.93	505.22	1	D	A	72.2	12.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	15.1	1.8	9.6	-10.1
3064	4460699.92	5339810.55	505.26	1	D	A	72.2	6.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	12.6	1.8	10.6	-14.3
3066	4460700.52	5339807.61	505.27	1	D	A	72.2	0.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	12.5	1.8	10.6	-20.3
3068	4460701.20	5339804.23	505.28	1	D	A	72.2	7.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.5	1.8	3.8	4.4
3069	4460700.62	5339807.11	505.27	3	D	A	72.2	-0.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.6	1.8	9.6	-8.6
3070	4460701.24	5339804.03	505.28	3	D	A	72.2	7.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.6	1.8	9.7	-1.3
3071	4460700.04	5339809.96	505.26	2	D	A	72.2	3.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	12.6	1.8	23.6	-31.0
3072	4460696.03	5339829.68	505.19	1	D	A	72.2	4.1	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	2.6	3.9
3073	4460695.84	5339830.61	505.19	2	D	A	72.2	-1.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.2	1.8	9.5	-10.0
3074	4460696.33	5339828.19	505.20	2	D	A	72.2	6.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.2	1.8	9.5	-1.9
3075	4460696.15	5339829.08	505.19	3	D	A	72.2	-0.0	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.2	1.8	10.5	-9.2
3076	4460696.12	5339829.23	505.19	1	D	A	72.2	5.4	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	7.2	-1.9
3077	4460697.78	5339821.07	505.22	1	D	A	72.2	11.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	7.2	3.8
3078	4460699.56	5339812.32	505.25	1	D	A	72.2	6.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	-0.7
3079	4460699.95	5339810.40	505.26	2	D	A	72.2	-2.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	8.1	1.8	18.4	-29.5
3080	4460700.50	5339807.71	505.27	2	D	A	72.2	7.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-1.8
3081	4460696.75	5339826.15	505.20	2	D	A	72.2	-1.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-10.1
3082	4460698.18	5339819.09	505.23	2	D	A	72.2	11.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	8.3	2.8
3083	4460699.61	5339812.08	505.25	2	D	A	72.2	-2.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-10.8
3084	4460700.85	5339806.00	505.27	3	D	A	72.2	-4.2	0.9											

Linienquelle nach ISO 9613, Bez.: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
3089	4460701.32	5339803.67	505.28	3	D	A	72.2	1.9	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.6	1.8	21.1	-20.8
3090	4460701.60	5339802.29	505.29	1	D	A	72.2	2.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	-5.0
3099	4460664.13	5339788.86	505.26	0	D	A	72.2	-3.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.7	1.8	0.0	-5.9
3100	4460661.41	5339795.38	505.26	0	D	A	72.2	11.4	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.6	1.8	0.0	10.5
3102	4460658.62	5339802.08	505.26	0	D	A	72.2	-1.1	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	0.0	0.6
3104	4460655.49	5339809.58	505.26	0	D	A	72.2	11.9	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	1.7	1.8	0.0	12.1
3105	4460652.07	5339817.77	505.26	0	D	A	72.2	3.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.2	1.8	0.0	5.2
3110	4460661.18	5339795.92	505.26	1	D	A	72.2	12.0	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.8	1.8	5.0	7.6
3112	4460657.96	5339803.66	505.26	1	D	A	72.2	0.3	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.7	1.8	4.9	-3.9
3113	4460655.17	5339810.35	505.26	1	D	A	72.2	11.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.5	1.8	4.7	7.4
3114	4460652.31	5339817.21	505.26	1	D	A	72.2	1.6	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.4	1.8	7.4	-8.0
3115	4460651.84	5339818.34	505.26	1	D	A	72.2	0.0	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	3.4	1.8	7.4	-9.6
3117	4460656.78	5339806.49	505.26	3	D	A	72.2	6.6	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.3	1.8	9.3	-2.0
3118	4460655.79	5339808.85	505.26	3	D	A	72.2	-2.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.3	1.8	9.3	-11.0
3119	4460653.66	5339813.96	505.26	3	D	A	72.2	10.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.3	1.8	17.7	-6.8
3120	4460662.56	5339792.62	505.26	3	D	A	72.2	4.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.3	1.8	9.3	-4.3
3121	4460661.05	5339796.25	505.26	3	D	A	72.2	7.2	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.3	1.8	9.3	-1.3
3122	4460659.50	5339799.97	505.26	3	D	A	72.2	4.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.0	1.8	10.3	-5.8
3123	4460658.85	5339801.53	505.26	3	D	A	72.2	-2.4	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.0	1.8	10.3	-12.6
3124	4460658.39	5339802.61	505.26	3	D	A	72.2	2.5	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	1.0	1.8	10.3	-7.8
3125	4460658.81	5339801.61	505.26	2	D	A	72.2	6.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.4	1.8	16.7	-9.0
3126	4460657.83	5339803.96	505.26	2	D	A	72.2	-1.3	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.4	1.8	16.7	-16.8
3127	4460653.22	5339815.03	505.26	1	D	A	72.2	9.1	0.9	3.0	0.0	67.4	1.7	4.6	0.0	0.0	0.1	1.8	4.4	5.2
3129	4460664.09	5339788.96	505.26	2	D	A	72.2	-2.1	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.2	1.8	21.7	-25.9
3131	4460663.87	5339789.49	505.26	2	D	A	72.2	-2.6	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.6	1.8	23.2	-28.3
3132	4460663.33	5339790.78	505.26	2	D	A	72.2	-2.1	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	0.1	1.8	8.4	-11.4
3133	4460660.53	5339797.49	505.26	2	D	A	72.2	11.4	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	8.4	2.2
3134	4460657.72	5339804.23	505.26	2	D	A	72.2	-1.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	8.4	-10.7
3135	4460652.98	5339815.60	505.26	2	D	A	72.2	8.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	17.5	-10.4
3137	4460661.11	5339796.10	505.26	3	D	A	72.2	-0.9	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	19.2	-22.5
3138	4460659.24	5339800.59	505.26	3	D	A	72.2	9.5	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	19.2	-12.0
3140	4460657.45	5339804.88	505.26	3	D	A	72.2	-4.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	19.2	-25.7
3141	4460660.60	5339797.32	505.26	1	D	A	72.2	6.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.3	1.8	24.3	-22.8
3143	4460659.16	5339800.78	505.26	1	D	A	72.2	5.1	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.4	1.8	24.4	-24.2
3144	4460655.45	5339809.68	505.26	3	D	A	72.2	5.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.8	1.8	20.4	-16.2
3145	4460660.26	5339798.13	505.26	3	D	A	72.2	3.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	3.7	1.8	26.7	-27.3
3146	4460657.58	5339804.55	505.26	3	D	A	72.2	2.0	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	2.9	1.8	27.1	-28.4
3147	4460657.12	5339805.68	505.26	3	D	A	72.2	-0.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	18.1	-19.4
3148	4460656.27	5339807.71	505.26	3	D	A	72.2	5.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.5	1.8	19.7	-15.1
3149	4460662.36	5339793.10	505.26	1	D	A	72.2	-1.5	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.2	1.8	4.5	-5.7
3150	4460659.88	5339799.04	505.26	1	D	A	72.2	10.8	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	0.1	1.8	4.4	6.8
3151	4460798.65	5339857.52	505.15	0	D	A	72.2	9.2	0.9	3.0	0.0	63.8	1.3	4.5	0.0	0.0	7.9	1.7	0.0	6.0
3152	4460791.01	5339856.23	505.14	0	D	A	72.2	8.6	0.9	3.0	0.0	64.0	1.3	4.5	0.0	0.0	7.9	1.7	0.0	5.2
3153	4460791.90	5339856.38	505.14	2	D	A	72.2	9.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.6	1.7	5.5	7.6
3154	4460787.51	5339855.64	505.13	2	D	A	72.2	-9.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	1.1	1.7	5.9	-12.6
3155	4460802.15	5339858.12	505.15	2	D	A	72.2	0.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.6	1.7	5.5	-0.7
3156	4460798.82	5339857.55	505.15	2	D	A	72.2	7.4	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.6	1.7	5.5	5.8
3157	4460799.06	5339857.59	505.15	3	D	A	72.2	8.7	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	1.3	1.7	7.2	4.6
3158	4460792.25	5339856.44	505.14	3	D	A	72.2	8.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	1.1	1.7	7.1	4.0
3159	4460788.78	5339855.86	505.13	3	D	A	72.2	-1.6	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.1	1.7	10.1	-8.6
3160	4460787.95	5339855.72	505.13	3	D	A	72.2	-0.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.1	1.7	10.1	-7.0
3161	4460795.10	5339856.93	505.14	1	D	A	72.2	11.9	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	3.5	1.7	5.3	7.7
3165	4460788.68	5339855.84	505.13	1	D	A	72.2	3.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	11.9	1.7	10.4	-14.9
3166	4460796.49	5339857.16	505.14	1	D	A	72.2	11.0	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.3	1.7	10.5	-8.2
3167	4460797.73	5339857.37	505.14	2	D	A	72.2	-1.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	8.5	1.7	11.0	-17.8
3168	4460794.33	5339856.80	505.14	2	D	A	72.2	7.9	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	8.0	1.7	10.8	-7.4
3169	4460789.36	5339855.96	505.13	2	D	A	72.2	5.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	7.8	1.7	14.9	-13.5
3170	4460795.41	5339856.98	505.14	2	D	A	72.2	11.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.2	1.8	7.9	5.7
3171	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	6.0	1.8	0.0	9.9
3172	4460688.40	5339788.00	505.48	1	D	A	72.2	13.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	1.6	1.8	3.9	9.6
3173	4460697.88	5339791.62	505.49	3	D	A	72.2	-3.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.4	1.8	12.2	-16.1
3174	4460697.31	5339791.40	505.49	3	D	A	72.2	-1.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.4	1.8	12.1	-14.2
3176	4460695.28	5339790.63	505.49	3	D	A	72.2	5.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.3	1.8	12.0	-7.0
3177	4460690.36	5339788.74	505.48	3	D	A	72.2	8.4	0.9	3.0	0.0									

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3190	4460697.11	5339791.32	505.49	1	D	A	72.2	2.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	7.2	-5.2
3206	4460751.84	5339847.58	505.15	0	D	A	72.2	7.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	1.7	1.7	0.0	9.3
3207	4460744.71	5339845.90	505.14	0	D	A	72.2	9.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	0.0	13.1
3209	4460745.71	5339846.13	505.14	2	D	A	72.2	7.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	90.2	-80.0
3210	4460747.29	5339846.50	505.14	1	D	A	72.2	11.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	3.7	1.7	5.6	5.9
3211	4460751.67	5339847.54	505.15	3	D	A	72.2	7.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.6	1.7	9.4	1.0
3212	4460749.31	5339846.98	505.14	1	D	A	72.2	10.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.2	1.8	2.9	10.0
3214	4460747.29	5339846.50	505.14	1	D	A	72.2	11.7	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	10.7	1.8	10.4	-6.7
3216	4460747.29	5339846.50	505.14	3	D	A	72.2	11.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	11.0	1.8	16.7	-13.7
3268	4460699.79	5339836.29	505.12	0	D	A	72.2	10.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	5.5	1.8	0.0	7.9
3269	4460696.03	5339831.29	505.18	0	D	A	72.2	-0.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	3.8	1.8	0.0	-1.8
3270	4460697.50	5339833.25	505.16	1	D	A	72.2	7.6	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	3.0	7.1
3271	4460702.81	5339840.32	505.06	1	D	A	72.2	1.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.5	1.8	5.7	-2.5
3272	4460701.18	5339838.15	505.09	1	D	A	72.2	5.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.2	1.8	5.3	2.0
3273	4460698.96	5339835.18	505.13	1	D	A	72.2	5.5	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	5.8	1.8	9.4	-7.0
3274	4460695.83	5339831.01	505.19	2	D	A	72.2	-7.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.2	1.8	9.5	-15.6
3275	4460702.53	5339839.95	505.07	1	D	A	72.2	4.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	-3.5
3276	4460698.78	5339834.95	505.13	1	D	A	72.2	10.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	7.2	2.6
3278	4460701.49	5339838.56	505.09	2	D	A	72.2	7.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-1.2
3281	4460699.73	5339836.22	505.12	1	D	A	72.2	10.7	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	10.3	1.8	10.4	-8.1
3282	4460696.05	5339831.31	505.18	1	D	A	72.2	-3.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	13.0	1.8	10.5	-25.0
3284	4460695.84	5339831.03	505.19	1	D	A	72.2	-6.2	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	13.2	1.8	10.4	-27.9
3290	4460714.10	5339837.46	505.16	0	D	A	72.2	-9.8	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	-7.0
3291	4460713.63	5339837.61	505.16	0	D	A	72.2	-0.5	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	2.3
3293	4460708.24	5339839.34	505.11	0	D	A	72.2	10.2	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	6.5	1.8	0.0	6.7
3298	4460711.76	5339838.21	505.14	1	D	A	72.2	7.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	1.7	1.8	3.9	4.3
3299	4460706.32	5339839.96	505.09	1	D	A	72.2	8.1	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.6	1.8	5.8	3.4
3301	4460713.64	5339837.61	505.16	2	D	A	72.2	0.4	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.9	1.8	7.1	-5.9
3303	4460710.86	5339838.50	505.13	2	D	A	72.2	6.8	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.8	1.8	7.0	0.7
3305	4460708.23	5339839.35	505.11	2	D	A	72.2	-0.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	1.8	1.8	6.9	-6.9
3307	4460711.65	5339838.25	505.14	1	D	A	72.2	7.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	7.3	-0.4
3310	4460706.21	5339840.00	505.09	1	D	A	72.2	7.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	0.3
3311	4460704.98	5339840.39	505.07	2	D	A	72.2	5.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	8.3	-3.3
3312	4460708.71	5339839.19	505.11	1	D	A	72.2	10.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	9.0	1.8	10.1	-6.5
3393	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	4.2	1.8	0.0	6.4
3408	4460699.54	5339794.53	505.44	0	D	A	72.2	8.0	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	8.1	1.8	0.0	2.2
3409	4460700.76	5339796.92	505.39	1	D	A	72.2	-0.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.9	1.8	4.0	-3.9
3410	4460700.34	5339796.10	505.41	1	D	A	72.2	-0.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	2.0	1.8	4.1	-4.6
3411	4460699.12	5339793.71	505.46	1	D	A	72.2	6.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.9	1.8	4.0	2.6
3412	4460700.29	5339796.01	505.41	3	D	A	72.2	4.8	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.7	1.8	9.8	-3.8
3413	4460698.34	5339792.18	505.49	3	D	A	72.2	0.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	2.5	1.8	12.2	-12.8
3414	4460700.52	5339796.46	505.40	2	D	A	72.2	3.1	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	1.2	1.8	6.3	-2.3
3415	4460699.08	5339793.63	505.46	2	D	A	72.2	6.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	1.0	1.8	6.1	1.1
3417	4460700.92	5339797.24	505.39	3	D	A	72.2	-5.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	19.6	-27.9
3418	4460700.65	5339796.72	505.40	3	D	A	72.2	-0.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	19.6	-22.9
3420	4460700.16	5339795.75	505.42	1	D	A	72.2	5.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.2	1.8	19.6	-16.1
3422	4460700.44	5339796.29	505.41	3	D	A	72.2	3.8	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.9	1.8	21.3	-19.5
3424	4460699.54	5339794.53	505.44	1	D	A	72.2	8.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	0.6
3426	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	63.3	1.2	4.5	0.0	0.0	11.3	1.7	0.0	-0.9
3429	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	63.9	1.3	4.5	0.0	0.0	12.4	1.7	8.5	-11.2
3430	4460821.97	5339868.36	505.07	1	D	A	72.2	2.9	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	2.0	1.7	3.9	2.1
3431	4460822.27	5339866.77	505.09	1	D	A	72.2	1.0	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	1.4	1.7	3.5	1.2
3433	4460821.88	5339868.82	505.07	2	D	A	72.2	0.2	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	2.3	1.7	5.2	-2.2
3434	4460822.00	5339868.17	505.08	2	D	A	72.2	-5.8	0.9	3.0	0.0	63.5	1.2	4.5	0.0	0.0	2.3	1.7	5.2	-8.2
3436	4460822.21	5339867.10	505.09	2	D	A	72.2	2.9	0.9	3.0	0.0	63.6	1.2	4.5	0.0	0.0	2.3	1.7	5.2	0.5
3437	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	0.2	1.7	8.5	1.2
3445	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	8.0	-1.5
3447	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	9.0	-2.5
3449	4460667.68	5339786.02	505.32	0	D	A	72.2	2.9	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.7	1.8	0.0	1.0
3450	4460665.55	5339787.64	505.28	0	D	A	72.2	5.3	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.8	1.8	0.0	3.2
3452	4460665.99	5339787.31	505.29	1	D	A	72.2	6.5	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	1.0	1.8	3.5	3.5
3453	4460666.07	5339787.25	505.29	2	D	A	72.2	6.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.8	8.4	-2.7
3454	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	11.4	1.8	0.0	-2.8
3455	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0				

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3460	4460701.38	5339799.40	505.34	3	D	A	72.2	6.2	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	19.6	-16.2
3461	4460701.45	5339799.76	505.33	1	D	A	72.2	5.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.1	1.8	19.5	-16.6
3462	4460701.06	5339797.79	505.38	1	D	A	72.2	-0.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.1	1.8	19.5	-22.2
3463	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	-1.3

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3313	4460702.41	5339844.21	505.03	0	D	A	67.4	7.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.6	1.8	0.0	-0.3
3314	4460698.47	5339860.52	504.96	0	D	A	67.4	14.5	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.7	1.8	0.0	12.1
3315	4460702.68	5339843.12	505.04	1	D	A	67.4	4.7	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	1.6	1.8	5.7	-4.8
3316	4460698.04	5339862.30	504.95	1	D	A	67.4	7.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	3.0	1.8	10.6	-8.3
3317	4460696.27	5339869.66	504.92	1	D	A	67.4	9.8	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	2.7	1.8	10.3	-5.5
3319	4460699.78	5339855.13	504.98	1	D	A	67.4	6.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.5	1.8	7.1	-2.7
3321	4460701.81	5339846.70	505.02	1	D	A	67.4	10.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	2.9	1.8	11.1	-8.8
3322	4460700.38	5339852.64	504.99	1	D	A	67.4	2.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	4.6	1.8	12.8	-19.5
3323	4460699.90	5339854.61	504.99	1	D	A	67.4	3.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	4.8	1.8	13.0	-19.4
3324	4460696.13	5339870.24	504.92	3	D	A	67.4	5.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	43.0	-44.8
3325	4460698.02	5339862.39	504.95	3	D	A	67.4	6.7	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.3	1.9	20.3	-21.2
3326	4460697.13	5339866.07	504.94	3	D	A	67.4	4.6	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	1.7	1.9	24.1	-28.6
3327	4460702.35	5339844.48	505.03	2	D	A	67.4	7.6	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.6	1.8	9.2	-7.4
3328	4460701.64	5339847.40	505.02	2	D	A	67.4	-5.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.8	1.8	9.3	-20.4
3329	4460702.55	5339843.65	505.03	1	D	A	67.4	6.0	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	6.8	1.8	9.5	-13.0
3330	4460697.84	5339863.16	504.95	2	D	A	67.4	11.2	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	4.9	1.8	14.3	-13.6
3331	4460698.96	5339858.50	504.97	2	D	A	67.4	5.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.8	1.8	49.6	-55.2
3332	4460698.49	5339860.47	504.96	2	D	A	67.4	-1.2	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	4.9	1.8	49.7	-61.8
3333	4460697.97	5339862.60	504.95	2	D	A	67.4	5.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.4	1.8	50.1	-55.9
3334	4460697.66	5339863.87	504.94	2	D	A	67.4	5.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.4	1.8	26.5	-32.4
3337	4460696.77	5339867.59	504.93	2	D	A	67.4	6.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	5.3	1.8	50.2	-55.5
3362	4460694.29	5339878.35	504.87	0	D	A	67.4	9.2	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	0.0	7.3
3363	4460692.46	5339887.10	504.80	0	D	A	67.4	9.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.8	1.8	0.0	7.4
3364	4460690.63	5339895.82	504.74	0	D	A	67.4	9.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	0.0	7.3
3365	4460691.36	5339892.33	504.76	2	D	A	67.4	8.5	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.9	1.8	25.5	-27.2
3366	4460690.26	5339897.56	504.73	2	D	A	67.4	5.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.8	1.8	25.4	-29.9
3367	4460694.76	5339876.11	504.89	1	D	A	67.4	5.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	6.9	-3.8
3368	4460694.09	5339879.32	504.86	1	D	A	67.4	4.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	1.1	1.8	8.6	-7.5
3369	4460690.04	5339898.61	504.72	2	D	A	67.4	3.9	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.8	1.8	25.5	-31.6
3370	4460693.24	5339883.40	504.83	1	D	A	67.4	5.4	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.2	1.8	14.4	-11.3
3371	4460692.46	5339887.11	504.80	1	D	A	67.4	6.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.5	1.8	15.7	-12.0
3373	4460693.30	5339883.07	504.83	2	D	A	67.4	11.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	5.2	1.8	14.6	-14.2
3375	4460691.74	5339890.52	504.78	2	D	A	67.4	2.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.2	1.8	14.6	-22.5
3377	4460691.37	5339892.29	504.76	2	D	A	67.4	2.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.1	1.8	14.5	-23.2
3379	4460690.50	5339896.41	504.73	2	D	A	67.4	8.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.0	1.8	14.5	-16.9
3381	4460689.80	5339899.77	504.71	2	D	A	67.4	-9.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	5.0	1.8	14.5	-35.0
3383	4460693.88	5339880.34	504.85	3	D	A	67.4	9.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.5	1.8	20.1	-17.4
3464	4460690.26	5339904.79	504.67	0	D	A	67.4	10.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	0.0	8.3
3465	4460689.90	5339900.99	504.70	2	D	A	67.4	3.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.7	1.8	25.4	-31.7
3466	4460690.14	5339903.50	504.68	2	D	A	67.4	4.3	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.6	1.8	25.3	-30.9
3467	4460690.42	5339906.42	504.66	2	D	A	67.4	5.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	4.3	1.8	25.0	-29.7
3468	4460690.65	5339908.87	504.64	2	D	A	67.4	2.5	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	3.8	1.8	24.6	-31.4
3469	4460690.55	5339907.84	504.65	1	D	A	67.4	5.8	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	3.9	1.8	22.8	-24.9
3470	4460692.35	5339914.28	504.48	0	D	A	67.4	9.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	0.0	8.2
3471	4460692.35	5339914.28	504.48	1	D	A	67.4	9.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.3	1.8	18.7	-14.3

Immissionspunkt
 Bez.: IO 6 Reinhard 20a
 ID: IO
 X: 4461169.63 m
 Y: 5339689.58 m
 Z: 508.25 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
3472	4461045.34	5339871.65	504.49	0	D	A	90.2	19.6	0.9	3.0	0.0	57.9	0.8	4.4	0.0	0.0	0.3	1.5	0.0	48.9
3473	4460960.67	5339907.08	504.46	0	D	A	90.2	19.6	0.9	3.0	0.0	60.6	1.0	4.5	0.0	0.0	0.2	1.6	0.0	45.9
3474	4460886.33	5339938.20	504.43	0	D	A	90.2	18.4	0.9	3.0	0.0	62.5	1.1	4.6	0.0	0.0	1.8	1.7	0.0	40.8
3475	4460847.93	5339954.27	504.41	0	D	A	90.2	11.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	1.4	1.7	0.0	33.3
3476	4460841.35	5339957.02	504.41	0	D	A	90.2	-4.0	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	1.5	1.7	0.0	17.6
3477	4460833.00	5339960.52	504.40	0	D	A	90.2	12.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	3.6	1.7	0.0	31.8
3478	4460813.92	5339968.50	504.39	0	D	A	90.2	13.7	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	3.0	1.8	0.0	33.2
3479	4460768.91	5339987.34	504.38	0	D	A	90.2	18.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	1.3	1.8	0.0	38.7
3480	4460945.82	5339913.30	504.45	1	D	A	90.2	5.1	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	4.3	1.7	20.7	5.4
3482	4461053.41	5339868.27	504.50	1	D	A	90.2	5.1	0.9	3.0	0.0	62.1	1.1	4.6	0.0	0.0	5.6	1.7	12.2	12.0
3483	4461080.47	5339856.95	504.51	1	D	A	90.2	11.9	0.9	3.0	0.0	62.3	1.1	4.6	0.0	0.0	3.3	1.7	10.7	22.3
3484	4461064.07	5339863.81	504.50	1	D	A	90.2	13.0	0.9	3.0	0.0	62.2	1.1	4.6	0.0	0.0	5.0	1.7	11.7	20.9
3487	4460999.18	5339890.97	504.47	3	D	A	90.2	9.4	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	5.1	1.8	24.2	2.1
3488	4460994.77	5339892.82	504.47	3	D	A	90.2	-0.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	4.8	1.8	23.9	-7.4
3489	4461068.43	5339861.99	504.50	3	D	A	90.2	10.3	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	3.3	1.7	13.1	17.1
3490	4461056.46	5339867.00	504.50	3	D	A	90.2	11.8	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	4.1	1.7	13.8	17.2
3491	4461073.97	5339859.67	504.50	3	D	A	90.2	1.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	3.1	1.7	12.8	8.4
3492	4461030.71	5339877.77	504.49	3	D	A	90.2	4.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	6.5	1.8	25.2	-5.5
3493	4461023.96	5339880.60	504.48	3	D	A	90.2	10.7	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	7.2	1.8	25.5	-0.2
3494	4461016.73	5339883.62	504.48	3	D	A	90.2	5.8	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.6	1.8	25.2	-4.2
3495	4461013.62	5339884.93	504.48	3	D	A	90.2	4.7	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.3	1.8	25.0	-4.8
3496	4461011.74	5339885.71	504.48	3	D	A	90.2	0.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.3	1.8	25.0	-8.7
3497	4461007.21	5339887.61	504.48	3	D	A	90.2	9.4	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	5.9	1.8	24.7	0.7
3498	4461063.87	5339863.90	504.50	1	D	A	90.2	17.1	0.9	3.0	0.0	60.0	0.9	4.5	0.0	0.0	0.3	1.6	6.0	38.0
3499	4461031.33	5339877.51	504.49	1	D	A	90.2	12.8	0.9	3.0	0.0	59.9	0.9	4.5	0.0	0.0	0.3	1.6	3.8	36.0
3500	4461016.42	5339883.76	504.48	1	D	A	90.2	11.3	0.9	3.0	0.0	59.9	0.9	4.5	0.0	0.0	0.3	1.6	3.8	34.5
3501	4461007.31	5339887.57	504.48	1	D	A	90.2	8.0	0.9	3.0	0.0	59.9	0.9	4.5	0.0	0.0	0.3	1.6	3.8	31.2
3502	4461004.28	5339888.83	504.48	1	D	A	90.2	-6.3	0.9	3.0	0.0	59.9	0.9	4.5	0.0	0.0	0.3	1.6	2.7	18.0
3503	4461035.52	5339875.76	504.49	1	D	A	90.2	1.9	0.9	3.0	0.0	60.7	1.0	4.5	0.0	0.0	6.1	1.6	8.8	13.3
3504	4461031.23	5339877.56	504.49	1	D	A	90.2	8.9	0.9	3.0	0.0	60.7	1.0	4.5	0.0	0.0	6.4	1.6	9.0	19.9
3505	4461009.38	5339886.70	504.48	1	D	A	90.2	16.0	0.9	3.0	0.0	60.6	1.0	4.5	0.0	0.0	8.6	1.6	9.9	24.0
3506	4460943.35	5339914.33	504.45	1	D	A	90.2	9.9	0.9	3.0	0.0	61.8	1.1	4.6	0.0	0.0	6.0	1.7	8.6	20.3
3507	4460952.89	5339910.34	504.45	1	D	A	90.2	10.0	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	5.1	1.7	8.2	21.8
3508	4460948.05	5339912.37	504.45	1	D	A	90.2	-3.8	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	4.8	1.7	8.1	8.3
3510	4460858.24	5339949.95	504.41	3	D	A	90.2	1.7	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	4.0	1.8	23.6	-5.1
3512	4460850.91	5339953.02	504.41	3	D	A	90.2	5.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.8	1.8	01.5	-78.8
3514	4460855.02	5339951.30	504.41	3	D	A	90.2	6.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.9	1.8	23.5	0.2
3516	4460855.87	5339950.94	504.41	1	D	A	90.2	5.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	3.8	1.8	96.9	-73.5
3518	4460864.38	5339947.38	504.42	1	D	A	90.2	-3.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.1	1.8	21.6	-7.7
3520	4460861.05	5339948.78	504.41	1	D	A	90.2	8.3	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.0	1.8	21.4	4.1
3525	4460879.17	5339941.19	504.42	1	D	A	90.2	-4.5	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	4.6	1.8	21.4	-7.9
3526	4460878.16	5339941.62	504.42	1	D	A	90.2	2.6	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	4.6	1.8	21.3	-0.7
3527	4460875.49	5339942.73	504.42	1	D	A	90.2	6.0	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	4.5	1.8	21.2	2.8
3532	4461006.89	5339887.74	504.48	1	D	A	90.2	8.1	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	3.0	1.7	35.0	-7.1
3533	4460998.43	5339891.28	504.47	1	D	A	90.2	10.7	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	1.5	1.7	31.8	0.3
3534	4460892.47	5339935.63	504.43	1	D	A	90.2	-1.9	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	5.6	1.7	21.8	-5.8
3539	4460974.25	5339901.40	504.46	1	D	A	90.2	5.3	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	5.3	1.7	8.2	15.3
3540	4460972.44	5339902.16	504.46	1	D	A	90.2	-2.8	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	5.2	1.7	8.1	7.3
3541	4460969.56	5339903.36	504.46	1	D	A	90.2	7.6	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	5.1	1.7	8.1	17.9
3542	4460965.33	5339905.14	504.46	1	D	A	90.2	5.4	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	7.3	1.7	9.2	12.4
3543	4460958.41	5339908.03	504.46	1	D	A	90.2	10.6	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	7.9	1.7	9.4	16.8
3547	4460980.20	5339898.91	504.47	3	D	A	90.2	4.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	2.5	1.7	11.6	12.8
3548	4460977.68	5339899.97	504.46	3	D	A	90.2	4.7	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	2.6	1.7	11.7	13.4
3549	4460989.34	5339895.08	504.47	3	D	A	90.2	5.7	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	3.6	1.7	12.8	12.2
3550	4460984.49	5339897.12	504.47	3	D	A	90.2	8.3	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	2.4	1.7	11.5	17.3
3552	4461035.76	5339875.66	504.49	1	D	A	90.2	13.4	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	6.5	1.7	8.9	20.8
3553	4461016.33	5339883.79	504.48	1	D	A	90.2	13.1	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	8.1	1.7	9.5	18.5

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3554	4460996.71	5339892.00	504.47	1	D	A	90.2	13.4	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	6.8	1.7	9.0	20.9
3555	4460985.81	5339896.56	504.47	1	D	A	90.2	1.9	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	5.9	1.7	8.5	10.9
3556	4460980.42	5339898.82	504.47	1	D	A	90.2	10.0	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	5.6	1.7	8.4	19.5
3574	4460992.61	5339893.72	504.47	3	D	A	90.2	5.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	4.7	1.8	14.1	7.9
3575	4460985.53	5339896.68	504.47	3	D	A	90.2	10.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.3	1.8	13.7	14.5
3576	4460979.76	5339899.10	504.46	3	D	A	90.2	-4.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.0	1.8	13.4	0.1
3577	4460978.22	5339899.74	504.46	3	D	A	90.2	4.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.3	1.8	13.7	8.5
3578	4460975.97	5339900.68	504.46	3	D	A	90.2	2.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	2.9	1.8	12.3	9.4
3579	4460999.13	5339890.99	504.47	3	D	A	90.2	7.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	5.4	1.8	14.6	9.0
3580	4460996.16	5339892.23	504.47	3	D	A	90.2	-0.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	5.1	1.8	14.4	1.6
3581	4460994.93	5339892.75	504.47	3	D	A	90.2	2.5	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	4.9	1.8	14.2	4.9
3582	4461022.81	5339881.08	504.48	1	D	A	90.2	9.8	0.9	3.0	0.0	65.0	1.4	4.7	0.0	0.0	7.6	1.8	41.1	-17.5
3584	4460784.16	5339980.96	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	3.1	1.8	11.1	12.9
3586	4460774.56	5339984.97	504.38	1	D	A	90.2	11.6	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	3.1	1.8	11.4	16.3
3588	4460747.83	5339966.16	504.37	1	D	A	90.2	13.2	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	3.2	1.8	7.4	21.5
3589	4460736.48	5340000.91	504.36	1	D	A	90.2	5.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	7.0	1.8	9.6	7.9
3590	4460843.88	5339938.09	504.35	0	D	A	90.2	13.2	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	4.5	1.7	0.0	32.0
3591	4460862.92	5339930.08	504.35	0	D	A	90.2	13.1	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	7.1	1.7	0.0	29.9
3592	4460879.48	5339923.11	504.35	0	D	A	90.2	11.9	0.9	3.0	0.0	62.4	1.1	4.6	0.0	0.0	8.5	1.7	0.0	27.7
3593	4460886.72	5339920.06	504.36	0	D	A	90.2	-4.6	0.9	3.0	0.0	62.2	1.1	4.6	0.0	0.0	3.1	1.7	0.0	16.8
3594	4460892.43	5339917.65	504.36	0	D	A	90.2	10.8	0.9	3.0	0.0	62.1	1.1	4.6	0.0	0.0	2.9	1.7	0.0	32.6
3595	4460925.68	5339903.65	504.36	0	D	A	90.2	17.8	0.9	3.0	0.0	61.2	1.0	4.5	0.0	0.0	3.4	1.7	0.0	40.1
3596	4460989.11	5339876.95	504.37	0	D	A	90.2	18.9	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	0.3	1.6	0.0	46.5
3597	4460846.41	5339937.03	504.35	1	D	A	90.2	5.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.8	1.8	96.0	-73.3
3598	4460851.37	5339934.94	504.35	1	D	A	90.2	8.1	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.0	1.8	22.2	2.6
3599	4460854.58	5339933.59	504.35	1	D	A	90.2	-3.4	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	5.2	1.8	22.4	-9.4
3601	4460936.73	5339899.00	504.36	1	D	A	90.2	9.7	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	7.9	1.7	6.7	20.6
3602	4460941.20	5339897.12	504.36	1	D	A	90.2	-4.1	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	7.8	1.7	6.7	7.0
3603	4460945.81	5339895.18	504.36	1	D	A	90.2	9.8	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	7.5	1.7	9.2	18.6
3604	4460849.42	5339935.76	504.35	3	D	A	90.2	1.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.1	1.8	24.4	-6.8
3605	4460842.36	5339938.73	504.35	3	D	A	90.2	5.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.7	1.8	00.6	-78.7
3606	4460846.30	5339937.07	504.35	3	D	A	90.2	6.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.9	1.8	24.3	-1.5
3607	4460867.26	5339928.25	504.35	1	D	A	90.2	5.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	5.5	1.7	21.9	1.3
3608	4460869.82	5339927.17	504.35	1	D	A	90.2	2.5	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	5.6	1.7	22.0	-2.2
3609	4460870.80	5339926.76	504.35	1	D	A	90.2	-4.7	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	6.6	1.7	22.6	-10.8
3613	4460885.18	5339920.70	504.36	1	D	A	90.2	-2.0	0.9	3.0	0.0	62.7	1.2	4.6	0.0	0.0	7.0	1.7	22.4	-7.5
3614	4460887.12	5339919.89	504.36	1	D	A	90.2	5.5	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	7.1	1.7	22.5	-0.1
3619	4460941.26	5339897.10	504.36	1	D	A	90.2	10.1	0.9	3.0	0.0	62.4	1.1	4.6	0.0	0.0	3.3	1.7	19.5	11.6
3620	4460948.53	5339894.03	504.36	1	D	A	90.2	7.5	0.9	3.0	0.0	62.6	1.1	4.6	0.0	0.0	6.3	1.7	22.1	3.3
3622	4460907.20	5339911.44	504.36	1	D	A	90.2	0.9	0.9	3.0	0.0	61.8	1.1	4.6	0.0	0.0	4.3	1.7	80.0	-58.3
3629	4460982.03	5339879.93	504.37	3	D	A	90.2	-0.9	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	6.5	1.8	15.2	-0.1
3630	4460986.26	5339878.15	504.37	3	D	A	90.2	9.2	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	7.0	1.8	15.4	9.3
3631	4460993.97	5339874.91	504.37	3	D	A	90.2	9.2	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	8.1	1.8	15.8	7.6
3632	4461007.76	5339869.10	504.37	3	D	A	90.2	13.3	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	10.7	1.8	25.5	-0.6
3633	4460939.67	5339897.76	504.36	1	D	A	90.2	4.9	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	5.3	1.7	12.7	12.7
3634	4460944.82	5339895.60	504.36	1	D	A	90.2	9.1	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	6.0	1.7	22.0	6.9
3635	4461007.52	5339869.20	504.37	1	D	A	90.2	12.7	0.9	3.0	0.0	59.3	0.9	4.5	0.0	0.0	0.3	1.6	2.7	37.7
3636	4461020.49	5339863.74	504.38	1	D	A	90.2	9.7	0.9	3.0	0.0	59.3	0.9	4.5	0.0	0.0	0.3	1.6	3.8	33.6
3637	4461004.78	5339870.35	504.37	1	D	A	90.2	16.4	0.9	3.0	0.0	60.1	0.9	4.5	0.0	0.0	10.7	1.6	10.4	22.3
3638	4460948.73	5339893.95	504.37	1	D	A	90.2	10.4	0.9	3.0	0.0	62.7	1.1	4.6	0.0	0.0	10.1	1.7	9.9	14.4
3639	4460955.34	5339891.17	504.37	1	D	A	90.2	5.2	0.9	3.0	0.0	62.7	1.2	4.6	0.0	0.0	9.2	1.7	9.7	10.2
3640	4460959.39	5339889.46	504.37	1	D	A	90.2	7.4	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	6.3	1.7	8.7	16.3
3641	4460962.14	5339888.31	504.37	1	D	A	90.2	-3.0	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	6.5	1.7	8.8	5.6
3642	4460963.87	5339887.58	504.37	1	D	A	90.2	5.1	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	6.6	1.7	8.9	13.6
3643	4460968.14	5339885.78	504.37	3	D	A	90.2	4.6	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	3.2	1.7	8.7	16.0
3644	4460970.56	5339884.76	504.37	3	D	A	90.2	3.8	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	3.1	1.7	8.7	15.3
3645	4460974.67	5339883.03	504.37	3	D	A	90.2	8.2	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	3.0	1.7	8.6	19.8
3646	4460979.33	5339881.07	504.37	3	D	A	90.2	5.5	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	4.4	1.7	9.7	14.7
3648	4460969.70	5339885.12	504.37	1	D	A	90.2	9.9	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	7.0	1.7	9.0	17.7
3649	4460974.84	5339882.96	504.37	1	D	A	90.2	1.7	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	7.4	1.7	9.2	9.0
3650	4460985.27	5339878.57	504.37	1	D	A	90.2	13.2	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	8.6	1.7	9.6	18.8
3651	4461004.02	5339870.68	504.37	1	D	A	90.2	12.9	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	11.0	1.7	10.1	15.4
3652	4461018.93	5339864.40	504.38	1	D	A	90.2	11.1	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	9.2	1.7	9.8	15.4
3656	4460963.48	5339887.74	504.37	3	D	A	90.2	2.7	0.9	3.0</										

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
3661	4460981.64	5339880.10	504.37	3	D	A	90.2	2.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.4	1.8	15.1	2.7
3662	4460982.82	5339879.60	504.37	3	D	A	90.2	-0.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	6.8	1.8	15.3	-0.7
3663	4460985.67	5339878.40	504.37	3	D	A	90.2	7.3	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	7.1	1.8	15.4	6.6
3664	4461008.48	5339868.80	504.37	1	D	A	90.2	9.6	0.9	3.0	0.0	64.7	1.4	4.7	0.0	0.0	10.8	1.8	37.4	-16.9
3665	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	52.8	0.5	4.1	0.0	0.0	2.9	1.1	0.0	41.4
3666	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	52.9	0.5	4.1	0.0	0.0	2.0	1.1	0.0	42.1
3667	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	53.2	0.5	4.1	0.0	0.0	1.5	1.1	0.0	42.5
3668	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	52.8	0.5	4.1	0.0	0.0	2.3	1.1	0.0	41.8
3669	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0	0.0	53.0	0.5	4.1	0.0	0.0	2.2	1.1	0.0	41.8
3670	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	53.3	0.5	4.1	0.0	0.0	2.0	1.2	0.0	41.6
3671	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	53.5	0.5	4.2	0.0	0.0	1.2	1.2	0.0	42.3
3672	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	53.6	0.5	4.1	0.0	0.0	2.0	1.2	0.0	41.1
3673	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	53.9	0.5	4.2	0.0	0.0	0.8	1.2	0.0	42.2
3674	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	54.0	0.5	4.2	0.0	0.0	1.5	1.2	0.0	41.3
3675	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	54.4	0.5	4.2	0.0	0.0	0.6	1.3	0.0	41.8
3676	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	54.4	0.5	4.2	0.0	0.0	1.1	1.3	0.0	41.1
3677	4461064.50	5339798.16	504.39	1	D	A	90.2	2.2	0.9	3.0	0.0	58.1	0.8	4.4	0.0	0.0	3.3	1.5	6.5	21.6
3679	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	54.8	0.6	4.3	0.0	0.0	0.5	1.3	0.0	41.5
3680	4461061.82	5339801.55	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	54.8	0.6	4.2	0.0	0.0	0.7	1.3	0.0	41.0
3682	4461061.82	5339801.55	504.41	1	D	A	90.2	8.5	0.9	3.0	0.0	58.2	0.8	4.4	0.0	0.0	3.3	1.5	6.5	27.9
3683	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	55.2	0.6	4.3	0.0	0.0	0.5	1.3	0.0	41.0
3684	4460731.13	5339917.95	504.39	0	D	A	90.2	-12.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	3.9	1.8	0.0	5.1
3685	4460750.42	5339924.96	504.38	0	D	A	90.2	16.1	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.1	1.8	0.0	33.8
3686	4460772.15	5339932.87	504.37	0	D	A	90.2	7.2	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	4.0	1.8	0.0	25.2
3687	4460783.85	5339937.12	504.37	0	D	A	90.2	12.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	3.4	1.8	0.0	31.7
3688	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	55.2	0.6	4.2	0.0	0.0	0.6	1.3	0.0	40.8
3689	4461058.19	5339807.61	504.45	1	D	A	90.2	8.6	0.9	3.0	0.0	58.3	0.8	4.4	0.0	0.0	3.2	1.5	6.4	28.1
3690	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	55.6	0.6	4.3	0.0	0.0	0.5	1.3	0.0	40.6
3691	4461055.50	5339814.36	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	55.6	0.6	4.2	0.0	0.0	0.5	1.3	0.0	40.5
3692	4461055.50	5339814.36	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	58.4	0.8	4.4	0.0	0.0	3.0	1.5	6.1	28.5
3693	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	55.9	0.6	4.3	0.0	0.0	0.5	1.4	0.0	40.2
3694	4461097.62	5339848.99	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	60.2	0.9	4.5	0.0	0.0	0.3	1.6	6.0	29.4
3695	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	55.9	0.6	4.3	0.0	0.0	0.5	1.4	0.0	40.0
3696	4461053.77	5339821.41	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	58.6	0.8	4.4	0.0	0.0	2.9	1.5	6.2	28.1
3697	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	56.1	0.6	4.3	0.0	0.0	0.5	1.4	0.0	39.9
3698	4461090.99	5339852.30	504.47	1	D	A	90.2	8.7	0.9	3.0	0.0	60.1	0.9	4.5	0.0	0.0	0.3	1.6	6.0	29.4
3699	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	56.2	0.6	4.3	0.0	0.0	0.5	1.4	0.0	39.8
3700	4461052.18	5339828.45	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	58.8	0.8	4.5	0.0	0.0	2.0	1.5	5.2	30.0
3702	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	56.5	0.7	4.3	0.0	0.0	0.5	1.4	0.0	39.5
3703	4461049.71	5339835.38	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	58.9	0.8	4.5	0.0	0.0	1.1	1.6	4.3	31.7
3704	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	56.9	0.7	4.3	0.0	0.0	0.4	1.4	0.0	39.2
3705	4461046.31	5339842.01	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	61.5	1.0	4.6	0.0	0.0	6.9	1.7	12.8	14.4
3707	4461046.31	5339842.01	504.38	3	D	A	90.2	8.8	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	5.2	1.7	15.4	12.1
3708	4461046.31	5339842.01	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	59.0	0.8	4.5	0.0	0.0	0.5	1.6	3.9	32.5
3709	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	57.2	0.7	4.3	0.0	0.0	0.4	1.5	0.0	38.7
3710	4461039.96	5339851.02	504.39	1	D	A	90.2	-8.9	0.9	3.0	0.0	61.5	1.0	4.6	0.0	0.0	7.3	1.7	13.0	-3.9
3712	4461042.19	5339848.11	504.39	1	D	A	90.2	8.6	0.9	3.0	0.0	61.5	1.0	4.6	0.0	0.0	7.2	1.7	12.9	13.9
3713	4461041.81	5339848.62	504.39	3	D	A	90.2	7.9	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	5.6	1.7	15.5	10.7
3714	4461044.05	5339845.70	504.38	3	D	A	90.2	0.6	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	5.3	1.7	15.5	3.8
3715	4461042.16	5339848.16	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	59.2	0.8	4.5	0.0	0.0	0.4	1.6	3.8	32.5
3716	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	57.5	0.7	4.4	0.0	0.0	0.4	1.5	0.0	37.8
3717	4461038.94	5339852.01	504.39	1	D	A	90.2	4.3	0.9	3.0	0.0	61.5	1.0	4.6	0.0	0.0	7.4	1.7	13.0	9.3
3718	4461037.64	5339853.26	504.39	3	D	A	90.2	8.0	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	6.1	1.7	15.5	10.3
3720	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	59.2	0.9	4.5	0.0	0.0	0.3	1.6	3.8	31.9
3721	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	57.7	0.7	4.4	0.0	0.0	0.4	1.5	0.0	37.4
3724	4461031.23	5339858.40	504.38	1	D	A	90.2	3.3	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	0.0	1.6	3.8	27.5
3725	4461033.73	5339856.61	504.38	1	D	A	90.2	6.0	0.9	3.0	0.0	59.3	0.9	4.4	0.0	0.0	0.0	1.6	3.8	30.3
3727	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	57.9	0.8	4.4	0.0	0.0	0.4	1.5	0.0	37.2
3729	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	59.3	0.9	4.5	0.0	0.0	0.3	1.6	3.8	31.8
3730	4461026.01	5339861.30	504.38	1	D	A	90.2	4.3	0.9	3.0	0.0	60.2	0.9	4.5	0.0	0.0	7.7	1.6	9.6	14.0
3739	4460794.36	5339940.82	504.37	0	D	A	90.2	4.2	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	3.4	1.8	0.0	23.2
3741	4460798.29	5339941.88	504.38	0	D	A	90.2	7.4	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	3.5	1.8	0.0	26.4
3745	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	3.8	1.7	0.0	27.7
3749	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	6								

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3762	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	3.5	1.8	0.0	27.2
3784	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.0	1.8	0.0	26.0
3786	4460713.49	5339914.50	504.38	1	D	A	90.2	5.3	0.9	3.0	0.0	65.2	1.4	4.7	0.0	0.0	3.9	1.8	21.5	0.9
3787	4460703.51	5339915.43	504.37	0	D	A	90.2	3.8	0.9	3.0	0.0	65.3	1.4	4.7	0.0	0.0	3.7	1.8	0.0	21.0
3788	4460705.47	5339915.12	504.37	0	D	A	90.2	2.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.8	1.8	0.0	19.3
3789	4460708.04	5339914.73	504.38	0	D	A	90.2	5.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.9	1.8	0.0	22.8
3790	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.1	1.8	0.0	25.7
3791	4460725.53	5339916.27	504.42	0	D	A	90.2	3.5	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.2	1.8	0.0	20.8
3792	4460728.86	5339917.27	504.40	0	D	A	90.2	6.7	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	3.9	1.8	0.0	24.3
3793	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	3.6	1.8	0.0	26.1
3796	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.9	1.8	0.0	28.5
3797	4460731.31	5340002.90	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	6.8	1.8	9.6	11.4
3798	4460725.47	5340004.73	504.39	0	D	A	90.2	6.8	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.8	1.8	0.0	26.5
3799	4460722.10	5340005.49	504.38	0	D	A	90.2	3.3	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	0.0	23.0
3800	4460720.97	5340005.75	504.38	0	D	A	90.2	-7.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	0.0	11.9
3801	4460720.70	5340005.81	504.38	0	D	A	90.2	-4.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	0.0	15.5
3802	4460725.41	5340004.75	504.39	1	D	A	90.2	6.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	6.6	1.8	6.6	12.6
3803	4460709.45	5340006.00	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	0.7	1.8	0.0	28.4
3804	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	1.0	1.8	0.0	28.0
3805	4460667.77	5339969.93	504.39	1	D	A	90.2	9.1	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	6.4	1.8	25.0	-4.0
3806	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.8	1.8	0.0	28.2
3807	4460703.40	5340005.23	504.37	0	D	A	90.2	6.6	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.7	1.8	0.0	26.1
3808	4460699.74	5340004.38	504.37	0	D	A	90.2	4.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.7	1.8	0.0	24.1
3809	4460666.99	5339954.79	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	1.3	1.8	0.0	27.5
3811	4460667.52	5339951.01	504.38	0	D	A	90.2	-6.5	0.9	3.0	0.0	66.1	1.5	4.7	0.0	0.0	1.3	1.8	0.0	12.3
3813	4460666.61	5339957.52	504.40	1	D	A	90.2	2.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	6.8	1.8	25.1	-10.7
3814	4460666.90	5339955.40	504.39	1	D	A	90.2	3.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	6.1	1.8	24.7	-8.6
3815	4460686.54	5339922.82	504.35	0	D	A	90.2	8.3	0.9	3.0	0.0	65.6	1.5	4.7	0.0	0.0	3.0	1.8	0.0	25.9
3816	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	65.5	1.4	4.7	0.0	0.0	3.3	1.8	0.0	25.6
3817	4460679.99	5339928.34	504.36	0	D	A	90.2	5.2	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	2.6	1.8	0.0	23.1
3818	4460681.79	5339926.63	504.36	0	D	A	90.2	2.1	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	2.7	1.8	0.0	19.9
3819	4460683.08	5339925.41	504.36	0	D	A	90.2	2.8	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	2.8	1.8	0.0	20.5
3820	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.7	1.8	0.0	28.1
3821	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	1.1	1.8	0.0	27.7
3822	4460666.65	5339962.25	504.39	1	D	A	90.2	8.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	6.9	1.8	25.2	-4.9
3823	4460668.19	5339948.54	504.38	0	D	A	90.2	6.9	0.9	3.0	0.0	66.0	1.5	4.7	0.0	0.0	1.4	1.8	0.0	25.7
3824	4460669.17	5339945.04	504.39	0	D	A	90.2	3.8	0.9	3.0	0.0	66.0	1.5	4.7	0.0	0.0	1.9	1.8	0.0	22.1
3825	4460682.54	5339994.85	504.35	0	D	A	90.2	8.7	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.7	1.8	0.0	27.9
3826	4460679.76	5339992.29	504.33	0	D	A	90.2	-6.6	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.8	1.8	0.0	12.6
3827	4460678.12	5339990.31	504.34	0	D	A	90.2	6.9	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.8	1.8	0.0	26.1
3828	4460675.76	5339987.43	504.35	0	D	A	90.2	4.0	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.8	1.8	0.0	23.1
3829	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.7	1.8	0.0	27.9
3832	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.8	1.8	0.0	27.6
3838	4460670.20	5339977.00	504.37	0	D	A	90.2	8.4	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.9	1.8	0.0	27.5
3839	4460669.28	5339975.06	504.39	1	D	A	90.2	4.3	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	6.1	1.8	24.8	-8.3
3840	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	65.8	1.5	4.7	0.0	0.0	2.4	1.8	0.0	25.7
3842	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	65.9	1.5	4.7	0.0	0.0	2.0	1.8	0.0	26.0
3844	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	65.9	1.5	4.7	0.0	0.0	2.2	1.8	0.0	25.4

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3871	4460733.23	5339861.96	505.08	0	D	A	73.9	15.9	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	6.9	1.8	0.0	14.8
3872	4460715.26	5339882.53	505.01	0	D	A	73.9	11.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.3	1.8	0.0	12.8
3873	4460740.59	5339853.52	505.11	1	D	A	73.9	2.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	8.5	1.8	95.7	-96.6
3874	4460736.71	5339857.97	505.09	1	D	A	73.9	-0.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	7.5	1.8	6.7	-9.6
3876	4460734.10	5339860.95	505.08	1	D	A	73.9	8.5	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	6.9	1.8	6.5	0.5
3878	4460723.28	5339873.35	505.04	2	D	A	73.9	7.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	3.5	1.8	12.1	-3.1
3880	4460717.25	5339880.26	505.02	2	D	A	73.9	11.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	2.9	1.8	11.5	1.7
3881	4460711.62	5339886.70	505.00	2	D	A	73.9	6.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	2.7	1.8	11.2	-2.8
3882	4460723.11	5339873.54	505.04	1	D	A	73.9	7.1	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.3	1.8	20.7	-12.2
3883	4460719.72	5339877.42	505.03	1	D	A	73.9	7.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.0	1.8	20.3	-11.3
3884	4460727.05	5339869.04	505.06	3	D	A	73.9	9.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	2.3	1.8	39.3	-28.3

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4011	4460748.59	5339889.50	504.80	0	D	A	73.9	10.3	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	7.2	1.8	0.0	8.8

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4012	4460747.09	5339894.90	504.73	0	D	A	73.9	-2.4	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	6.7	1.8	0.0	-3.5
4013	4460745.24	5339901.56	504.63	0	D	A	73.9	11.2	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	5.9	1.8	0.0	10.9
4015	4460742.89	5339910.06	504.51	0	D	A	73.9	6.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	4.6	1.8	0.0	7.2
4016	4460741.07	5339916.61	504.42	0	D	A	73.9	9.7	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	4.4	1.8	0.0	10.7
4018	4460749.96	5339884.56	504.87	1	D	A	73.9	-4.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	4.6	1.8	8.1	-12.2

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4021	4460680.00	5339830.93	505.49	0	D	A	78.7	11.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	9.7	1.8	0.0	11.6
4022	4460687.05	5339832.58	505.50	2	D	A	78.7	-3.9	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.3	1.8	9.6	-9.3
4184	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	12.6	1.8	0.0	6.2
4185	4460691.11	5339831.84	505.34	2	D	A	78.7	9.0	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	5.7	1.8	9.8	3.1

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4139	4460790.90	5339879.94	504.87	0	D	A	73.9	9.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.7	1.7	0.0	2.2
4140	4460796.24	5339882.48	504.86	0	D	A	73.9	5.5	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.0	1.7	0.0	-0.7
4141	4460801.76	5339885.11	504.85	0	D	A	73.9	9.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	13.5	1.7	0.0	2.8
4142	4460791.43	5339880.19	504.87	2	D	A	73.9	9.3	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	14.2	1.8	13.7	-12.4
4143	4460796.70	5339882.70	504.86	2	D	A	73.9	4.9	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	13.3	1.8	14.6	-16.7
4144	4460799.27	5339883.92	504.86	2	D	A	73.9	4.1	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	13.9	1.8	14.0	-17.5
4145	4460803.06	5339885.73	504.85	2	D	A	73.9	7.7	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	13.4	1.8	14.5	-13.9
4173	4460787.48	5339859.79	505.09	0	D	A	73.9	8.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	11.0	1.7	0.0	4.3
4174	4460786.32	5339864.34	505.05	0	D	A	73.9	3.8	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	15.8	1.7	0.0	-5.2
4175	4460785.05	5339869.35	505.01	0	D	A	73.9	9.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	15.8	1.7	0.0	-0.1
4176	4460788.10	5339857.34	505.11	1	D	A	73.9	2.8	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.6	1.7	1.0	-1.0
4177	4460787.12	5339861.19	505.08	2	D	A	73.9	6.8	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	10.9	1.8	15.2	-13.1
4178	4460786.12	5339865.11	505.05	2	D	A	73.9	5.3	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	15.9	1.8	12.0	-16.4
4179	4460784.89	5339869.96	505.00	2	D	A	73.9	8.2	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	15.9	1.8	12.0	-13.5
4180	4460788.21	5339856.93	505.12	3	D	A	73.9	0.2	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	9.8	1.8	16.2	-19.5
4181	4460788.01	5339857.68	505.11	3	D	A	73.9	-3.0	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	10.1	1.8	16.2	-23.0
4182	4460787.45	5339859.91	505.09	2	D	A	73.9	8.6	0.9	3.0	0.0	63.7	1.3	4.6	0.0	0.0	6.7	1.7	10.3	-1.9
4183	4460788.13	5339857.22	505.11	3	D	A	73.9	2.2	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	6.1	1.7	11.1	-8.6
4304	4460810.76	5339888.22	504.81	0	D	A	73.9	10.2	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.1	1.7	0.0	4.1
4305	4460813.59	5339888.92	504.80	1	D	A	73.9	6.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	12.8	1.7	21.1	-20.6
4306	4460806.63	5339887.21	504.84	2	D	A	73.9	2.8	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	13.1	1.7	14.7	-18.6
4307	4460812.39	5339888.62	504.80	3	D	A	73.9	6.4	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	13.1	1.8	23.0	-23.6
4309	4460815.19	5339889.31	504.78	3	D	A	73.9	1.1	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	13.1	1.8	15.8	-21.7
4369	4460784.91	5339874.54	504.95	0	D	A	73.9	5.0	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	15.9	1.7	0.0	-4.2
4371	4460785.85	5339876.07	504.92	0	D	A	73.9	-4.1	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	15.3	1.7	0.0	-12.7
4372	4460786.55	5339877.19	504.89	0	D	A	73.9	3.5	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	14.7	1.7	0.0	-4.5
4374	4460785.28	5339875.15	504.94	2	D	A	73.9	6.6	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	16.0	1.8	11.9	-15.2
4375	4460786.82	5339877.63	504.89	2	D	A	73.9	0.9	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	14.9	1.8	13.0	-20.9

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3885	4460723.18	5339863.98	505.04	0	D	A	73.9	16.9	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	6.2	1.8	0.0	16.2
3886	4460706.16	5339883.23	504.96	0	D	A	73.9	3.8	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.0	1.8	0.0	4.8
3888	4460736.42	5339849.00	505.10	1	D	A	73.9	2.6	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	9.6	1.8	94.0	-95.8
3890	4460732.59	5339853.33	505.08	1	D	A	73.9	-0.8	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	8.3	1.8	5.8	-9.3
3891	4460730.01	5339856.25	505.07	1	D	A	73.9	8.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	7.6	1.8	5.6	0.8
3892	4460709.06	5339879.95	504.98	2	D	A	73.9	7.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.0	1.8	11.5	-2.1
3894	4460706.26	5339883.12	504.96	2	D	A	73.9	4.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	2.6	1.8	11.1	-4.6
3897	4460723.07	5339864.10	505.04	1	D	A	73.9	7.2	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.5	1.8	37.2	-28.1
4187	4460698.57	5339893.84	504.83	0	D	A	73.9	13.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.3	1.8	0.0	15.2
4189	4460691.68	5339903.69	504.70	0	D	A	73.9	-4.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.3	1.8	0.0	-5.1
4192	4460702.92	5339887.62	504.91	2	D	A	73.9	9.3	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.5	1.8	11.0	0.5
4193	4460698.95	5339893.30	504.84	2	D	A	73.9	7.3	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.3	1.8	10.8	-1.4
4195	4460695.29	5339898.54	504.77	2	D	A	73.9	8.7	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	2.2	1.8	10.7	0.2
4350	4460691.50	5339911.89	504.56	0	D	A	73.9	6.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.5	1.8	0.0	5.6
4352	4460693.11	5339916.42	504.40	0	D	A	73.9	7.0	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	3.4	1.8	0.0	8.2
4408	4460691.39	5339905.13	504.69	0	D	A	73.9	4.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.4	1.8	0.0	3.4
4409	4460691.01	5339907.80	504.66	0	D	A	73.9	4.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.7	1.8	0.0	3.3
4410	4460690.77	5339909.46	504.64	0	D	A	73.9	-2.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.5	1.8	0.0	-3.4

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4154	4460693.92	5339880.53	504.85	0	D	A	73.9	12.1	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.9	1.8	0.0	13.0
4155	4460691.00	5339894.14	504.75	0	D	A	73.9	10.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.2	1.8	0.0	12.1
4160	4460692.38	5339887.69	504.80	2	D	A	73.9	4.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.2	1.8	10.8	-3.8
4162	4460691.36	5339892.49	504.76	2	D	A	73.9	8.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.2	1.8	10.7	-0.1
4164	4460690.29	5339897.47	504.73	2	D	A	73.9	5.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.1	1.8	10.6	-3.1
4165	4460689.86	5339899.47	504.71	2	D	A	73.9	-1.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.1	1.8	10.6	-9.7
4168	4460691.78	5339890.52	504.78	1	D	A	73.9	12.8	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	6.9	1.8	14.1	-6.4
4170	4460693.23	5339883.74	504.83	2	D	A	73.9	5.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.5	1.8	22.7	-18.2
4331	4460690.00	5339902.04	504.69	0	D	A	73.9	6.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.9	1.8	0.0	8.2
4332	4460690.33	5339905.50	504.67	0	D	A	73.9	4.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.3	1.8	0.0	3.3
4333	4460690.57	5339908.00	504.65	0	D	A	73.9	4.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.6	1.8	0.0	2.9
4334	4460690.71	5339909.49	504.64	0	D	A	73.9	-2.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.5	1.8	0.0	-3.9
4335	4460689.94	5339901.40	504.70	1	D	A	73.9	5.0	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	6.7	1.8	14.0	-13.8
4337	4460690.16	5339903.70	504.68	1	D	A	73.9	1.7	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	6.5	1.8	14.0	-16.9
4338	4460690.48	5339907.09	504.66	1	D	A	73.9	7.3	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	6.2	1.8	13.8	-10.9
4340	4460702.57	5339844.40	505.02	0	D	A	73.9	7.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	8.5	1.8	0.0	4.1
4341	4460701.89	5339848.57	504.98	0	D	A	73.9	4.8	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.3	1.8	0.0	-3.3
4356	4460691.50	5339911.89	504.56	0	D	A	73.9	6.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.5	1.8	0.0	5.6
4358	4460693.11	5339916.42	504.40	0	D	A	73.9	7.0	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	3.4	1.8	0.0	8.2
4387	4460703.95	5339860.72	505.76	0	D	A	73.9	8.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	11.0	1.8	0.0	2.7
4388	4460703.07	5339864.41	505.76	0	D	A	73.9	-3.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	4.9	1.8	0.0	-3.1
4394	4460697.75	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.7	1.8	0.0	8.6
4432	4460702.89	5339851.72	505.14	0	D	A	73.9	6.2	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.8	1.8	0.0	-2.4
4433	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.9	1.8	0.0	6.3
4434	4460704.35	5339854.70	505.46	0	D	A	73.9	4.3	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	14.5	1.8	0.0	-5.1
4435	4460704.66	5339856.63	505.68	0	D	A	73.9	1.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.2	1.8	0.0	-6.9

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3731	4461115.59	5339896.23	504.01	0	D	A	73.9	19.2	0.9	3.0	0.0	57.6	0.7	4.4	0.0	0.0	0.3	1.5	0.0	32.5
3732	4461046.70	5339944.38	504.02	0	D	A	73.9	19.2	0.9	3.0	0.0	60.0	0.9	4.5	0.0	0.0	0.3	1.6	0.0	29.7
3733	4461149.36	5339872.63	504.01	1	D	A	73.9	2.2	0.9	3.0	0.0	58.4	0.8	4.4	0.0	0.0	0.3	1.5	53.3	-38.7
3734	4461148.22	5339873.43	504.01	1	D	A	73.9	0.5	0.9	3.0	0.0	58.4	0.8	4.4	0.0	0.0	0.3	1.5	53.4	-40.6
3735	4461039.54	5339962.95	504.15	0	D	A	73.9	21.1	0.9	3.0	0.0	60.6	1.0	4.5	0.0	0.0	0.3	1.6	0.0	31.0
3736	4461120.56	5339907.28	504.18	0	D	A	73.9	18.3	0.9	3.0	0.0	58.0	0.8	4.4	0.0	0.0	0.4	1.5	0.0	31.1
3737	4461146.56	5339889.70	504.15	1	D	A	73.9	0.7	0.9	3.0	0.0	59.0	0.8	4.4	0.0	0.0	0.3	1.6	55.2	-42.7
3738	4461147.67	5339888.95	504.15	1	D	A	73.9	1.7	0.9	3.0	0.0	59.0	0.8	4.4	0.0	0.0	0.3	1.6	55.1	-41.5
3764	4461155.80	5339881.58	504.14	0	D	A	73.9	13.1	0.9	3.0	0.0	56.7	0.7	4.4	0.0	0.0	0.4	1.4	0.0	27.4
3766	4461163.37	5339874.58	504.13	0	D	A	73.9	-8.0	0.9	3.0	0.0	56.4	0.7	4.4	0.0	0.0	0.9	1.4	0.0	6.2
3767	4461165.33	5339872.77	504.13	0	D	A	73.9	7.2	0.9	3.0	0.0	56.3	0.7	4.4	0.0	0.0	1.2	1.4	0.0	21.1
3769	4461171.95	5339866.64	504.12	0	D	A	73.9	11.1	0.9	3.0	0.0	56.0	0.6	4.4	0.0	0.0	2.7	1.4	0.0	23.9
3770	4461173.17	5339865.52	504.12	1	D	A	73.9	3.8	0.9	3.0	0.0	58.0	0.8	4.4	0.0	0.0	1.7	1.5	4.8	10.4
3772	4461175.36	5339863.49	504.12	1	D	A	73.9	5.5	0.9	3.0	0.0	57.9	0.8	4.4	0.0	0.0	3.2	1.5	6.0	9.6
3774	4461154.77	5339882.53	504.14	1	D	A	73.9	12.5	0.9	3.0	0.0	58.7	0.8	4.5	0.0	0.0	0.3	1.5	54.5	-30.0
3775	4461161.26	5339876.53	504.13	1	D	A	73.9	-17.3	0.9	3.0	0.0	58.5	0.8	4.4	0.0	0.0	0.5	1.5	56.0	-61.3
3776	4461161.27	5339876.52	504.13	1	D	A	73.9	-19.2	0.9	3.0	0.0	58.5	0.8	4.4	0.0	0.0	0.6	1.5	56.1	-63.3
3777	4461161.29	5339876.51	504.13	1	D	A	73.9	-15.8	0.9	3.0	0.0	58.5	0.8	4.4	0.0	0.0	0.6	1.5	56.2	-60.0
3778	4461161.73	5339876.10	504.13	1	D	A	73.9	0.7	0.9	3.0	0.0	58.5	0.8	4.4	0.0	0.0	0.6	1.5	56.4	-43.7
3779	4461174.99	5339863.83	504.12	3	D	A	73.9	-2.2	0.9	3.0	0.0	59.4	0.9	4.5	0.0	0.0	1.3	1.6	65.3	-57.3
3780	4461175.30	5339863.54	504.12	3	D	A	73.9	-6.1	0.9	3.0	0.0	59.4	0.9	4.5	0.0	0.0	1.3	1.6	65.2	-61.0
3781	4461175.53	5339863.33	504.12	3	D	A	73.9	-4.2	0.9	3.0	0.0	59.4	0.9	4.5	0.0	0.0	1.3	1.6	65.2	-59.1
3782	4460913.86	5340049.33	503.98	0	D	A	73.9	22.4	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	0.2	1.8	0.0	28.6
3783	4460869.41	5340079.71	503.92	1	D	A	73.9	18.2	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.1	1.8	6.9	14.8
3843	4460922.88	5340007.55	503.96	0	D	A	73.9	20.1	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	0.2	1.7	0.0	27.1
3845	4460831.69	5340034.01	504.06	0	D	A	73.9	19.5	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.8	0.0	24.7
3846	4460762.67	5340053.13	504.14	0	D	A	73.9	17.4	0.9	3.0	0.0	65.7	1.5	4.7	0.0	0.0	2.0	1.8	0.0	19.5
3848	4460799.69	5340042.87	504.10	1	D	A	73.9	7.4	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.1	1.8	4.3	6.9
3849	4460790.77	5340045.35	504.11	1	D	A	73.9	11.1	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	0.1	1.8	3.0	11.9
3850	4460752.80	5340055.87	504.15	2	D	A	73.9	-0.9	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.9	37.2	-37.2
3851	4460752.34	5340056.00	504.15	2	D	A	73.9	-8.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.9	37.2	-44.9
3852	4460741.72	5340058.94	504.16	3	D	A	73.9	2.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.9	38.1	-34.4
3853	4460765.08	5340052.47	504.14	1	D	A	73.9	12.8	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.1	1.8	2.6	13.7
3854	4460748.92	5340056.95	504.16	1	D	A	73.9	11.6	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.9	1.8	1.0	13.3
3855	4460991.84	5339980.68	503.97	0	D	A	73.9	16.8	0.9	3.0	0.0	61.7	1.1	4.6	0.0	0.0	0.2	1.7	0.0	25.5
3856	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	55.3	0.6	4.3	0.0	0.0	0.4	1.3	0.0	25.9
3857	4461155.60	5339853.34	503.94	1	D	A	73.9	10.1	0.9	3.0	0.0	57.6	0.7	4.4	0.0	0.0	0.3	1.5	51.2	-27.9
3858	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	55.8	0.6	4.4	0.0	0.0	0.4	1.4	0.0	25.3

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
3859	4461152.60	5339862.65	503.94	1	D	A	73.9	10.0	0.9	3.0	0.0	58.0	0.8	4.4	0.0	0.0	0.3	1.5	52.3	-29.4
3860	4461165.14	5339846.10	503.91	0	D	A	73.9	2.3	0.9	3.0	0.0	54.9	0.6	4.3	0.0	0.0	1.7	1.3	0.0	17.3
3861	4461164.32	5339846.45	503.92	0	D	A	73.9	-9.8	0.9	3.0	0.0	54.9	0.6	4.3	0.0	0.0	1.5	1.3	0.0	5.4
3862	4461161.28	5339847.75	503.95	0	D	A	73.9	8.1	0.9	3.0	0.0	55.0	0.6	4.3	0.0	0.0	0.5	1.3	0.0	24.2
3863	4461162.98	5339847.02	503.94	1	D	A	73.9	-1.0	0.9	3.0	0.0	57.3	0.7	4.4	0.0	0.0	1.5	1.5	57.1	-45.6
3864	4461162.61	5339847.18	503.94	1	D	A	73.9	-17.5	0.9	3.0	0.0	57.3	0.7	4.4	0.0	0.0	1.4	1.5	56.8	-61.8
3865	4461162.59	5339847.19	503.94	1	D	A	73.9	-17.4	0.9	3.0	0.0	57.3	0.7	4.4	0.0	0.0	1.4	1.5	56.7	-61.5
3867	4461160.44	5339848.11	503.96	1	D	A	73.9	6.7	0.9	3.0	0.0	57.4	0.7	4.4	0.0	0.0	0.4	1.5	51.2	-31.1
3868	4461170.62	5339846.83	503.90	0	D	A	73.9	8.0	0.9	3.0	0.0	54.9	0.6	4.3	0.0	0.0	3.3	1.3	0.0	21.3
3869	4461166.74	5339845.96	503.91	0	D	A	73.9	2.3	0.9	3.0	0.0	54.9	0.6	4.3	0.0	0.0	2.8	1.3	0.0	16.2
3870	4461172.91	5339847.35	503.90	1	D	A	73.9	1.9	0.9	3.0	0.0	57.2	0.7	4.4	0.0	0.0	2.8	1.5	5.6	7.6
3910	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	55.3	0.6	4.3	0.0	0.0	3.1	1.3	0.0	20.7
3911	4461178.04	5339853.90	504.01	1	D	A	73.9	7.6	0.9	3.0	0.0	57.5	0.7	4.4	0.0	0.0	3.8	1.5	6.5	10.9
3912	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	55.6	0.6	4.3	0.0	0.0	2.0	1.4	0.0	21.7
3913	4461177.73	5339859.46	504.08	1	D	A	73.9	7.8	0.9	3.0	0.0	57.7	0.7	4.4	0.0	0.0	3.5	1.5	6.2	11.4
3914	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	55.1	0.6	4.3	0.0	0.0	2.9	1.3	0.0	20.8
3915	4461175.54	5339849.40	503.94	1	D	A	73.9	6.9	0.9	3.0	0.0	57.3	0.7	4.4	0.0	0.0	3.9	1.5	6.5	10.5
3916	4461173.73	5339847.59	503.91	1	D	A	73.9	-7.5	0.9	3.0	0.0	57.3	0.7	4.4	0.0	0.0	2.7	1.5	5.5	-1.7
3917	4461175.23	5339849.08	503.93	3	D	A	73.9	-4.1	0.9	3.0	0.0	58.9	0.8	4.5	0.0	0.0	2.1	1.6	65.9	-59.9
3918	4461175.00	5339848.85	503.93	3	D	A	73.9	-6.0	0.9	3.0	0.0	58.9	0.8	4.5	0.0	0.0	2.1	1.6	65.9	-61.9
3919	4461174.69	5339848.55	503.92	3	D	A	73.9	-2.1	0.9	3.0	0.0	58.9	0.8	4.5	0.0	0.0	2.0	1.6	65.8	-57.8
3920	4460633.24	5340027.03	504.61	0	D	A	73.9	11.0	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	12.1	1.8	0.0	1.6
3921	4460634.11	5340017.73	504.65	0	D	A	73.9	7.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	11.3	1.8	0.0	-0.6
3922	4460634.44	5340014.28	504.66	0	D	A	73.9	-1.3	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	3.4	1.8	0.0	-1.8
3924	4460636.72	5339989.94	504.76	0	D	A	73.9	16.8	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	4.8	1.8	0.0	15.1
3925	4460639.19	5339963.63	504.86	0	D	A	73.9	6.7	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	6.1	1.8	0.0	3.9
3926	4460639.76	5339957.48	504.88	0	D	A	73.9	8.8	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	5.8	1.8	0.0	6.4
3928	4460635.74	5340000.34	504.72	1	D	A	73.9	7.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-28.2
3930	4460635.06	5340007.63	504.69	1	D	A	73.9	2.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-33.7
3931	4460635.28	5340005.31	504.70	1	D	A	73.9	4.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-31.1
3932	4460635.46	5340003.40	504.70	1	D	A	73.9	-0.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-36.7
3933	4460634.63	5340012.17	504.67	1	D	A	73.9	7.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.9	1.9	42.4	-35.4
3934	4460634.92	5340009.11	504.68	2	D	A	73.9	8.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.7	1.9	43.0	-35.6
3935	4460635.00	5340008.26	504.69	1	D	A	73.9	3.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.1	1.9	43.2	-40.6
3936	4460635.23	5340005.76	504.70	2	D	A	73.9	-1.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.8	1.9	43.5	-45.6
3937	4460636.40	5339993.29	504.74	1	D	A	73.9	8.0	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.8	1.8	4.6	3.3
3938	4460636.81	5339988.93	504.76	1	D	A	73.9	3.9	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	2.5	1.8	6.6	-2.6
3939	4460638.52	5339970.70	504.83	1	D	A	73.9	15.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.7	1.8	9.4	6.7
3940	4460632.67	5340033.12	504.59	3	D	A	73.9	-5.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-47.4
3941	4460632.78	5340031.99	504.59	3	D	A	73.9	3.0	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-39.0
3942	4460632.87	5340030.96	504.60	3	D	A	73.9	-11.4	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-53.3
3943	4460634.16	5340017.25	504.65	3	D	A	73.9	2.9	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.7	1.8	39.2	-34.9
3944	4460640.03	5339954.68	504.90	1	D	A	73.9	3.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.4	1.8	7.6	-2.5
3945	4460639.43	5339957.57	504.88	0	D	A	73.9	8.9	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	5.7	1.8	0.0	6.6
3946	4460638.84	5339963.81	504.86	0	D	A	73.9	6.7	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	6.1	1.8	0.0	4.0
3947	4460636.34	5339990.16	504.76	0	D	A	73.9	16.8	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	4.8	1.8	0.0	15.1
3948	4460634.03	5340014.52	504.66	0	D	A	73.9	-1.3	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	3.3	1.8	0.0	-1.8
3949	4460633.71	5340017.98	504.65	0	D	A	73.9	7.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	11.1	1.8	0.0	-0.4
3950	4460632.84	5340027.14	504.61	0	D	A	73.9	10.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	11.8	1.8	0.0	1.7
3951	4460639.72	5339954.58	504.90	1	D	A	73.9	2.5	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.4	1.8	7.6	-2.9
3952	4460635.38	5340000.32	504.72	1	D	A	73.9	7.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-28.2
3953	4460635.09	5340003.38	504.71	1	D	A	73.9	-0.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-36.7
3956	4460634.91	5340005.29	504.70	1	D	A	73.9	4.8	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-31.1
3958	4460634.69	5340007.61	504.69	1	D	A	73.9	2.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.1	1.9	36.6	-33.7
3960	4460634.26	5340012.14	504.67	1	D	A	73.9	7.8	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	0.9	1.9	42.4	-35.4
3964	4460634.56	5340008.95	504.68	2	D	A	73.9	8.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.7	1.9	43.0	-35.6
3966	4460634.63	5340008.24	504.69	1	D	A	73.9	3.5	0.9	3.0	0.0	69.2	1.9	4.7	0.0	0.0	1.2	1.9	43.2	-40.6
3967	4460634.88	5340005.60	504.70	2	D	A	73.9	-1.3	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.8	1.9	43.5	-45.6
3968	4460638.21	5339970.44	504.83	1	D	A	73.9	15.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.6	1.8	9.3	6.7
3969	4460636.51	5339988.39	504.76	1	D	A	73.9	3.9	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	2.5	1.8	6.6	-2.6
3970	4460636.10	5339992.75	504.75	1	D	A	73.9	8.0	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.7	1.8	6.8	1.1
3971	4460632.49	5340030.76	504.60	3	D	A	73.9	-11.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-53.3
3973	4460632.40	5340031.79	504.59	3	D	A	73.9	3.0	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-38.9
3974	4460632.28	5340033.00	504.59	3	D	A	73.9	-3.6	0.9	3.0										

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
3991	4460686.68	5340086.99	504.34	0	D	A	73.9	8.7	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.2	1.8	0.0	11.3
3992	4460702.63	5340091.06	504.28	0	D	A	73.9	14.1	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.3	1.8	0.0	16.7
3993	4460723.76	5340096.46	504.19	0	D	A	73.9	12.6	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	13.1	1.8	0.0	2.7
3994	4460733.10	5340098.84	504.15	0	D	A	73.9	0.5	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	11.5	1.8	0.0	-7.7
3996	4460706.23	5340091.98	504.26	1	D	A	73.9	-9.9	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	1.1	1.8	18.2	-27.0
3998	4460710.25	5340093.01	504.25	1	D	A	73.9	9.1	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	1.1	1.8	18.3	-8.1
3999	4460724.03	5340096.53	504.19	2	D	A	73.9	-10.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.6	1.8	18.3	-27.7
4001	4460725.00	5340096.78	504.19	2	D	A	73.9	2.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.6	1.8	18.3	-14.4
4002	4460726.84	5340097.24	504.18	2	D	A	73.9	2.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.6	1.8	18.3	-14.5
4004	4460718.14	5340095.02	504.21	1	D	A	73.9	9.1	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	1.1	1.8	18.3	-8.2
4005	4460684.03	5340086.32	504.35	1	D	A	73.9	9.4	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	1.0	1.8	18.0	-7.3
4006	4460719.45	5340095.36	504.21	2	D	A	73.9	-0.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	11.5	-110.4
4007	4460698.79	5340090.08	504.29	3	D	A	73.9	5.8	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	13.2	-106.3
4008	4460701.93	5340090.89	504.28	1	D	A	73.9	7.2	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	8.5	1.8	25.5	-24.2
4009	4460696.65	5340089.54	504.30	1	D	A	73.9	7.7	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	8.0	1.8	25.3	-23.1
4023	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	56.2	0.6	4.4	0.0	0.0	0.4	1.4	0.0	21.9
4024	4461151.17	5339869.90	503.99	1	D	A	73.9	7.0	0.9	3.0	0.0	58.3	0.8	4.4	0.0	0.0	0.3	1.5	53.0	-33.5
4025	4460645.81	5339904.32	505.20	0	D	A	73.9	8.7	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	4.3	1.8	0.0	8.2
4026	4460644.31	5339916.63	505.12	0	D	A	73.9	12.4	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.3	1.8	0.0	11.8
4027	4460643.07	5339926.79	505.06	0	D	A	73.9	4.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.6	1.8	0.0	3.9
4028	4460642.71	5339929.82	505.04	0	D	A	73.9	4.8	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	4.7	1.8	0.0	3.7
4029	4460642.13	5339934.56	505.01	0	D	A	73.9	8.1	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	5.0	1.8	0.0	6.6
4030	4460641.22	5339942.05	504.97	0	D	A	73.9	9.3	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	5.5	1.8	0.0	7.3
4031	4460640.66	5339946.62	504.94	0	D	A	73.9	-2.0	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	5.6	1.8	0.0	-4.1
4032	4460640.21	5339950.31	504.92	0	D	A	73.9	8.3	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	5.1	1.8	0.0	6.6
4033	4460641.61	5339938.84	504.99	1	D	A	73.9	3.6	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.5	1.8	7.7	-2.0
4034	4460640.64	5339946.83	504.94	1	D	A	73.9	11.4	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.5	1.8	7.6	5.9
4036	4460641.45	5339940.10	504.98	1	D	A	73.9	5.9	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	3.6	1.8	22.7	-18.5
4037	4460640.51	5339947.86	504.93	1	D	A	73.9	10.7	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	3.0	1.8	21.9	-12.1
4042	4460640.54	5339950.23	504.92	0	D	A	73.9	8.4	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	5.2	1.8	0.0	6.7
4043	4460640.99	5339946.46	504.94	0	D	A	73.9	-2.0	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	5.6	1.8	0.0	-4.1
4044	4460641.54	5339941.90	504.97	0	D	A	73.9	9.3	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	5.6	1.8	0.0	7.3
4045	4460642.44	5339934.42	505.01	0	D	A	73.9	8.1	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	5.1	1.8	0.0	6.6
4046	4460643.01	5339929.68	505.04	0	D	A	73.9	4.8	0.9	3.0	0.0	66.3	1.5	4.7	0.0	0.0	4.8	1.8	0.0	3.6
4047	4460643.37	5339926.66	505.06	0	D	A	73.9	4.9	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	4.7	1.8	0.0	3.8
4048	4460644.59	5339916.51	505.12	0	D	A	73.9	12.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	4.3	1.8	0.0	11.8
4049	4460646.06	5339904.30	505.19	0	D	A	73.9	8.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	4.3	1.8	0.0	8.1
4050	4460640.93	5339946.92	504.94	1	D	A	73.9	11.3	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.5	1.8	7.6	5.8
4051	4460641.88	5339939.02	504.99	1	D	A	73.9	3.6	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.5	1.8	7.7	-2.0
4054	4460640.79	5339948.10	504.93	1	D	A	73.9	10.5	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	3.1	1.8	21.9	-12.4
4055	4460641.70	5339940.58	504.98	1	D	A	73.9	5.9	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	3.7	1.8	22.8	-18.6
4057	4460727.59	5340062.29	504.22	0	D	A	73.9	12.5	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	0.4	1.8	0.0	15.8
4058	4460712.87	5340065.42	504.31	0	D	A	73.9	10.9	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	0.4	1.8	0.0	13.9
4059	4460706.68	5340066.73	504.35	0	D	A	73.9	-4.6	0.9	3.0	0.0	66.5	1.6	4.7	0.0	0.0	0.5	1.8	0.0	-1.8
4060	4460699.07	5340068.35	504.39	0	D	A	73.9	11.8	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	0.2	1.8	0.0	14.8
4061	4460687.46	5340070.81	504.46	0	D	A	73.9	9.3	0.9	3.0	0.0	66.8	1.6	4.7	0.0	0.0	0.2	1.8	0.0	12.1
4062	4460698.06	5340068.56	504.40	1	D	A	73.9	7.9	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	1.8	1.8	9.5	-0.8
4063	4460695.02	5340069.21	504.42	1	D	A	73.9	-11.1	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	1.7	1.8	9.4	-19.6
4065	4460704.01	5340067.30	504.36	1	D	A	73.9	7.8	0.9	3.0	0.0	67.1	1.7	4.7	0.0	0.0	1.9	1.8	19.8	-11.4
4067	4460647.24	5339892.78	505.27	0	D	A	73.9	12.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.4	1.8	0.0	11.6
4069	4460648.40	5339880.38	505.37	0	D	A	73.9	9.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	4.4	1.8	0.0	9.1
4071	4460649.35	5339870.32	505.44	0	D	A	73.9	10.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.9	1.8	0.0	9.7
4072	4460650.27	5339860.55	505.52	0	D	A	73.9	9.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.8	1.8	0.0	9.6
4073	4460647.39	5339891.17	505.28	1	D	A	73.9	8.0	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	1.0	1.8	5.3	4.2
4074	4460648.65	5339877.74	505.39	1	D	A	73.9	13.2	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	1.3	1.8	5.5	9.0
4075	4460649.67	5339866.88	505.47	1	D	A	73.9	0.5	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	1.5	1.8	5.7	-4.0
4078	4460650.19	5339861.36	505.51	1	D	A	73.9	10.0	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	1.6	1.8	5.8	5.3
4100	4460649.75	5339860.57	505.52	0	D	A	73.9	9.4	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.8	1.8	0.0	9.7
4103	4460648.89	5339870.49	505.44	0	D	A	73.9	10.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	4.9	1.8	0.0	9.7
4105	4460648.01	5339880.53	505.37	0	D	A	73.9	9.5	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	4.4	1.8	0.0	9.1
4107	4460646.94	5339892.80	505.28	0	D	A	73.9	12.0	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	4.3	1.8	0.0	11.5
4109	4460649.71	5339861.09	505.51	1	D	A	73.9	9.9	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	1.7	1.8	5.8	5.1
4110	4460649.24	5339866.48	505.47	1	D	A	73.9	0.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	1.5	1.8	5.7	-4.0
4112	4460648.28	5339877.40	505.39	1	D	A	73.9	13.2	0.9	3.0	0.0	67.1	1.6							

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4197	4460678.49	5340072.37	504.49	0	D	A	73.9	9.9	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.7	1.8	0.0	12.0
4198	4460660.36	5340074.94	504.53	0	D	A	73.9	14.3	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.8	1.8	0.0	16.1
4199	4460677.40	5340072.53	504.50	1	D	A	73.9	8.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	1.3	1.8	18.5	-8.9
4200	4460681.86	5340071.90	504.49	1	D	A	73.9	4.6	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	5.9	1.8	45.6	-44.8
4230	4460831.29	5340106.26	503.87	0	D	A	73.9	14.0	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.1	1.8	0.0	18.2
4272	4460778.12	5340110.72	504.05	0	D	A	73.9	10.8	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	3.6	1.8	0.0	10.9
4273	4460789.37	5340113.35	504.01	0	D	A	73.9	10.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	0.0	14.0
4274	4460776.44	5340110.33	504.05	1	D	A	73.9	7.5	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.1	1.8	30.8	-19.9
4310	4460654.14	5340078.93	504.50	0	D	A	73.9	12.8	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.7	1.8	0.0	14.5
4311	4460664.85	5340081.45	504.43	0	D	A	73.9	5.0	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.5	1.8	0.0	7.1
4312	4460629.97	5340053.06	504.54	0	D	A	73.9	0.1	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	6.2	1.8	0.0	-3.7
4313	4460630.13	5340051.88	504.55	0	D	A	73.9	1.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.4	1.8	0.0	-1.7
4315	4460631.44	5340042.24	504.57	0	D	A	73.9	12.6	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	7.3	1.8	0.0	7.8
4317	4460632.52	5340034.30	504.59	3	D	A	73.9	3.2	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-38.8
4318	4460630.34	5340050.38	504.55	2	D	A	73.9	4.5	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.9	1.8	38.5	-32.8
4319	4460630.62	5340048.32	504.55	2	D	A	73.9	1.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.9	1.8	38.7	-36.1
4322	4460631.03	5340042.36	504.57	0	D	A	73.9	12.7	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	7.2	1.8	0.0	7.9
4323	4460629.71	5340052.17	504.54	0	D	A	73.9	1.4	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.4	1.8	0.0	-1.6
4324	4460629.57	5340053.15	504.54	0	D	A	73.9	-2.1	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	6.1	1.8	0.0	-5.8
4325	4460632.13	5340034.18	504.59	3	D	A	73.9	2.9	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	41.5	-39.1
4326	4460630.19	5340048.62	504.55	2	D	A	73.9	1.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.9	1.8	38.6	-36.1
4327	4460629.91	5340050.69	504.54	2	D	A	73.9	4.5	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.8	1.8	38.5	-32.8
4329	4460795.61	5340114.69	503.98	0	D	A	73.9	2.2	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.2	1.8	0.0	5.9
4330	4460802.61	5340115.38	503.90	0	D	A	73.9	10.9	0.9	3.0	0.0	66.0	1.5	4.6	0.0	0.0	3.6	1.8	0.0	11.2
4376	4460629.77	5340060.16	504.52	0	D	A	73.9	11.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.9	1.8	0.0	7.8
4390	4460630.15	5340060.13	504.52	0	D	A	73.9	11.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	5.9	1.8	0.0	7.6
4392	4460643.84	5340076.11	504.53	0	D	A	73.9	8.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.8	1.8	0.0	9.7
4393	4460637.71	5340074.73	504.50	0	D	A	73.9	7.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	3.0	1.8	0.0	7.1
4395	4460817.18	5340114.95	503.85	0	D	A	73.9	8.7	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	3.7	1.8	0.0	9.0
4396	4460820.90	5340113.80	503.86	0	D	A	73.9	-3.9	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.1	1.8	0.0	0.1
4397	4460637.22	5340075.06	504.51	0	D	A	73.9	7.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	2.9	1.8	0.0	7.2
4398	4460642.58	5340076.25	504.54	0	D	A	73.9	6.9	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.8	1.8	0.0	8.5
4417	4460630.60	5340067.91	504.50	0	D	A	73.9	3.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.6	1.8	0.0	1.6
4418	4460631.21	5340069.00	504.50	0	D	A	73.9	-11.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.4	1.8	0.0	-13.2
4419	4460631.48	5340069.46	504.50	0	D	A	73.9	-0.0	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.4	1.8	0.0	-1.2
4420	4460632.99	5340072.15	504.49	0	D	A	73.9	7.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.1	1.8	0.0	6.3
4421	4460633.46	5340071.84	504.49	0	D	A	73.9	7.2	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.2	1.8	0.0	6.3
4423	4460631.88	5340069.18	504.49	0	D	A	73.9	-0.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	3.5	1.8	0.0	-1.2
4424	4460631.61	5340068.72	504.49	0	D	A	73.9	-11.1	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.5	1.8	0.0	-13.3
4425	4460631.00	5340067.69	504.50	0	D	A	73.9	3.6	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.6	1.8	0.0	1.3
4436	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	5.1	1.8	0.0	5.8

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4123	4460782.13	5339854.43	505.13	0	D	A	72.2	10.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	12.7	1.7	0.0	2.8
4124	4460765.60	5339850.71	505.14	0	D	A	72.2	13.6	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	12.3	1.7	0.0	6.0
4125	4460786.54	5339855.43	505.13	1	D	A	72.2	2.7	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.2	1.7	6.0	-7.5
4126	4460784.30	5339854.92	505.13	2	D	A	72.2	6.7	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	6.9	1.7	7.7	-3.1
4127	4460780.32	5339854.03	505.14	2	D	A	72.2	5.4	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	6.7	1.7	7.6	-4.2
4128	4460775.07	5339852.85	505.14	2	D	A	72.2	8.6	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	6.5	1.8	7.5	-0.8
4130	4460769.92	5339851.69	505.14	2	D	A	72.2	5.1	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	6.4	1.8	7.4	-4.3
4131	4460787.13	5339855.56	505.13	3	D	A	72.2	-1.8	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	9.5	1.8	16.1	-22.9
4132	4460786.55	5339855.43	505.13	3	D	A	72.2	-2.7	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	9.5	1.8	16.1	-23.9
4133	4460787.21	5339855.58	505.13	2	D	A	72.2	-2.8	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	7.2	1.7	10.5	-15.8
4134	4460786.64	5339855.45	505.13	2	D	A	72.2	-2.0	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	7.2	1.7	10.5	-14.9
4136	4460786.79	5339855.48	505.13	3	D	A	72.2	1.4	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	5.9	1.7	15.0	-15.0
4201	4460818.10	5339864.41	505.11	0	D	A	72.2	9.7	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	13.2	1.7	0.0	2.2
4202	4460813.58	5339862.59	505.12	0	D	A	72.2	-3.1	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	13.4	1.7	0.0	-10.9
4203	4460808.05	5339860.36	505.14	0	D	A	72.2	10.6	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	13.1	1.7	0.0	3.0
4204	4460813.50	5339862.56	505.12	2	D	A	72.2	1.7	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.7	1.7	14.1	-21.1
4205	4460807.78	5339860.25	505.14	2	D	A	72.2	10.4	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	13.6	1.7	14.2	-12.5
4206	4460803.16	5339858.38	505.15	3	D	A	72.2	-0.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	10.1	1.7	16.2	-22.1
4207	4460818.51	5339864.58	505.11	2	D	A	72.2	9.2	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	14.0	1.7	13.9	-13.4
4208	4460821.94	5339865.96	505.10	3	D	A	72.2	-0.1	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	11.3	1.7	16.2	-22.4
4210	4460819.95	5339865.16	505.10	3	D	A	72.2	5.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	11.2	1.7	16.2	-17.1
4211	4460816.53	5339863.78	505.11	3	D	A	72.2	6.1	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	11.0	1.7	16.2	-16.1
4212	4460809.41	5339860.90	505.13	3	D	A	72.2	10.5	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	10.6	1.7	16.2	-11.5

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4213	4460821.19	5339865.66	505.10	1	D	A	72.2	4.1	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	11.1	1.7	6.1	-7.3
4214	4460817.79	5339864.29	505.11	1	D	A	72.2	6.7	0.9	3.0	0.0	63.0	1.2	4.6	0.0	0.0	10.3	1.7	6.4	-4.4
4215	4460809.17	5339860.81	505.13	1	D	A	72.2	11.4	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	10.0	1.7	6.3	0.6
4216	4460821.14	5339865.64	505.10	2	D	A	72.2	4.3	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	7.8	1.7	10.4	-8.4
4217	4460818.77	5339864.68	505.11	2	D	A	72.2	3.8	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	7.8	1.7	10.4	-9.0
4218	4460816.04	5339863.58	505.11	2	D	A	72.2	5.4	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	7.8	1.7	10.4	-7.5
4219	4460818.22	5339864.46	505.11	3	D	A	72.2	8.6	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	6.7	1.7	11.0	-3.9
4220	4460812.93	5339862.33	505.12	3	D	A	72.2	6.2	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	6.5	1.7	10.9	-6.1
4221	4460809.46	5339860.93	505.13	3	D	A	72.2	5.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	6.4	1.7	14.9	-11.1
4222	4460805.71	5339859.41	505.14	3	D	A	72.2	6.8	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	6.3	1.7	14.9	-9.4
4223	4460813.69	5339862.64	505.12	2	D	A	72.2	2.0	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	7.8	1.7	10.4	-10.9
4224	4460809.16	5339860.80	505.13	2	D	A	72.2	9.1	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	7.9	1.7	10.4	-4.0
4225	4460804.05	5339858.74	505.15	2	D	A	72.2	4.5	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	7.4	1.7	10.7	-8.5
4226	4460803.12	5339858.37	505.15	3	D	A	72.2	-0.9	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	6.3	1.7	14.8	-17.1
4231	4460698.15	5339819.24	505.23	0	D	A	72.2	13.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	15.4	1.8	0.0	1.9
4232	4460701.15	5339804.49	505.28	0	D	A	72.2	8.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.9	1.8	0.0	2.8
4233	4460701.14	5339804.55	505.28	1	D	A	72.2	8.0	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	4.5	1.8	8.3	-3.5
4234	4460699.98	5339810.26	505.26	2	D	A	72.2	9.1	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	4.0	1.8	9.0	-3.0
4235	4460700.12	5339809.54	505.26	1	D	A	72.2	3.7	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	13.3	1.8	21.1	-27.1
4236	4460696.91	5339825.34	505.21	1	D	A	72.2	-5.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	6.3	1.8	9.1	-17.7
4237	4460695.93	5339830.16	505.19	2	D	A	72.2	2.0	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	6.2	1.8	10.0	-11.1
4240	4460651.62	5339819.33	505.27	0	D	A	72.2	0.2	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	4.8	1.8	0.0	-2.0
4241	4460651.13	5339833.49	505.37	0	D	A	72.2	14.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	5.9	1.8	0.0	11.0
4242	4460650.51	5339851.58	505.51	0	D	A	72.2	9.5	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	4.7	1.8	0.0	7.2
4243	4460650.56	5339850.14	505.50	1	D	A	72.2	10.7	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	1.7	1.8	5.9	4.2
4244	4460651.02	5339836.75	505.40	3	D	A	72.2	-6.0	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	3.1	1.8	24.2	-33.1
4245	4460650.93	5339839.40	505.42	3	D	A	72.2	7.0	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	2.9	1.8	23.9	-19.5
4247	4460651.49	5339823.08	505.29	1	D	A	72.2	1.3	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	3.0	1.8	7.1	-7.5
4248	4460651.25	5339830.08	505.35	1	D	A	72.2	11.0	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	2.7	1.8	6.8	2.8
4249	4460651.61	5339819.70	505.27	2	D	A	72.2	2.5	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	2.9	1.8	12.1	-12.3
4250	4460650.58	5339849.54	505.50	3	D	A	72.2	10.5	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.5	1.9	22.4	-14.5
4251	4460650.57	5339849.74	505.50	2	D	A	72.2	9.9	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.0	1.8	11.7	-2.6
4252	4460738.95	5339844.47	505.14	0	D	A	72.2	4.0	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	11.8	1.8	0.0	-3.6
4253	4460725.95	5339840.79	505.15	0	D	A	72.2	13.9	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	11.8	1.8	0.0	6.0
4254	4460729.86	5339841.89	505.15	1	D	A	72.2	5.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	11.7	1.8	36.5	-39.3
4255	4460717.41	5339838.36	505.16	1	D	A	72.2	8.3	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.0	1.8	5.7	-1.7
4265	4460657.92	5339803.74	505.26	0	D	A	72.2	15.1	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	6.3	1.8	0.0	11.7
4267	4460653.08	5339815.37	505.26	2	D	A	72.2	8.7	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	2.9	1.8	12.2	-6.1
4270	4460664.06	5339789.02	505.26	1	D	A	72.2	-1.2	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	5.6	1.8	12.9	-17.5
4271	4460663.87	5339789.49	505.26	1	D	A	72.2	-5.6	0.9	3.0	0.0	65.9	1.5	4.6	0.0	0.0	3.4	1.8	11.1	-17.8
4275	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	12.0	1.8	0.0	5.2
4276	4460686.94	5339787.44	505.48	1	D	A	72.2	13.8	0.9	3.0	0.0	66.4	1.6	4.7	0.0	0.0	5.1	1.8	8.6	1.6
4277	4460675.82	5339783.19	505.47	2	D	A	72.2	-9.7	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	3.8	1.8	12.9	-25.4
4278	4460694.09	5339790.17	505.49	2	D	A	72.2	9.3	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.6	1.8	13.1	-5.2
4279	4460682.71	5339785.82	505.47	2	D	A	72.2	-1.3	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	4.4	1.8	22.9	-25.6
4280	4460695.76	5339790.81	505.49	1	D	A	72.2	7.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	7.1	1.8	6.6	-3.3
4281	4460802.45	5339858.17	505.15	0	D	A	72.2	-2.2	0.9	3.0	0.0	63.1	1.2	4.6	0.0	0.0	13.5	1.7	0.0	-10.2
4282	4460794.81	5339856.88	505.14	0	D	A	72.2	11.7	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	13.1	1.7	0.0	3.9
4283	4460797.79	5339857.38	505.14	1	D	A	72.2	8.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	9.2	1.7	6.1	-1.8
4284	4460791.41	5339856.30	505.14	1	D	A	72.2	7.8	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.1	1.7	6.0	-2.2
4285	4460787.93	5339855.72	505.13	1	D	A	72.2	-0.2	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	9.1	1.7	6.0	-10.4
4286	4460802.32	5339858.14	505.15	2	D	A	72.2	-0.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	13.9	1.7	13.9	-23.6
4287	4460797.14	5339857.27	505.14	2	D	A	72.2	9.8	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	13.6	1.7	14.2	-13.2
4288	4460798.50	5339857.50	505.15	3	D	A	72.2	8.4	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	9.6	1.7	16.1	-12.5
4289	4460792.37	5339856.46	505.14	3	D	A	72.2	7.4	0.9	3.0	0.0	63.9	1.3	4.6	0.0	0.0	9.5	1.8	16.1	-13.6
4290	4460788.56	5339855.82	505.13	3	D	A	72.2	3.5	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	9.5	1.8	16.1	-17.6
4291	4460802.31	5339858.14	505.15	3	D	A	72.2	-0.5	0.9	3.0	0.0	63.8	1.3	4.6	0.0	0.0	9.9	1.7	16.1	-21.9
4292	4460802.18	5339858.12	505.15	1	D	A	72.2	0.6	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	9.7	1.7	6.2	-10.1
4293	4460801.36	5339857.98	505.15	1	D	A	72.2	-2.8	0.9	3.0	0.0	63.3	1.2	4.6	0.0	0.0	9.7	1.7	6.2	-13.4
4294	4460802.21	5339858.13	505.15	2	D	A	72.2	0.3	0.9	3.0	0.0	63.5	1.2	4.6	0.0	0.0	7.4	1.7	10.7	-12.8
4295	4460794.57	5339856.84	505.14	2	D	A	72.2	11.6	0.9	3.0	0.0	63.6	1.2	4.6	0.0	0.0	7.3	1.7	10.6	-1.4
4297	4460798.35	5339857.47	505.15	3	D	A	72.2	8.4	0.9	3.0	0.0	63.7	1.2	4.6	0.0	0.0	6.3	1.7	14.8	-7.9
4298	4460793.99	5339856.74	505.14	3	D	A	72.2	2.9	0.9	3.0	0.0	63.7	1.3	4.6	0.0	0.0	6.3	1.7	14.9	-13.5
4300	4460791.06	5339856.24	505.14	3	D	A	72.2	6.0	0.9											

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4346	4460696.54	5339831.96	505.17	0	D	A	72.2	4.1	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.6	1.8	0.0	-6.1
4348	4460697.97	5339833.86	505.15	2	D	A	72.2	8.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.9	1.8	9.8	-3.8
4362	4460708.71	5339839.19	505.11	0	D	A	72.2	10.6	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	10.5	1.8	0.0	3.7
4365	4460711.86	5339838.18	505.14	1	D	A	72.2	6.8	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	8.2	1.8	5.8	-3.5
4366	4460709.45	5339838.95	505.12	1	D	A	72.2	-6.1	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	8.5	1.8	5.8	-16.9
4412	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	10.7	1.8	0.0	1.4
4414	4460672.82	5339784.08	505.41	1	D	A	72.2	7.9	0.9	3.0	0.0	66.2	1.5	4.7	0.0	0.0	5.7	1.8	6.2	-2.1
4415	4460675.66	5339783.21	505.46	2	D	A	72.2	-6.2	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	3.8	1.8	12.9	-21.9
4416	4460673.01	5339784.02	505.42	1	D	A	72.2	4.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	6.5	1.8	00.7	-100.5
4426	4460699.54	5339794.53	505.44	0	D	A	72.2	8.0	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	10.8	1.8	0.0	0.9
4427	4460699.54	5339794.53	505.44	1	D	A	72.2	8.0	0.9	3.0	0.0	66.6	1.6	4.7	0.0	0.0	4.7	1.8	8.4	-3.6
4428	4460700.52	5339796.45	505.40	2	D	A	72.2	0.2	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.2	1.8	13.5	-15.3
4429	4460699.66	5339794.77	505.44	2	D	A	72.2	4.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	4.5	1.8	13.0	-9.9
4430	4460698.57	5339792.63	505.48	2	D	A	72.2	3.2	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.6	1.8	13.1	-11.2
4431	4460699.35	5339794.16	505.45	1	D	A	72.2	7.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	7.5	1.8	6.8	-3.4
4437	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	62.8	1.2	4.6	0.0	0.0	12.3	1.7	0.0	-1.3
4438	4460821.79	5339869.30	505.07	2	D	A	72.2	-12.0	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	12.6	1.7	15.1	-34.5
4439	4460822.09	5339867.71	505.08	2	D	A	72.2	5.0	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	13.1	1.7	14.7	-17.6
4440	4460822.00	5339868.19	505.08	3	D	A	72.2	3.7	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	11.9	1.7	16.2	-19.3
4441	4460822.31	5339866.59	505.09	3	D	A	72.2	-0.4	0.9	3.0	0.0	63.4	1.2	4.6	0.0	0.0	11.4	1.7	16.2	-22.9
4442	4460821.89	5339868.76	505.07	1	D	A	72.2	0.6	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	11.3	1.7	1.0	-6.0
4443	4460822.20	5339867.17	505.09	1	D	A	72.2	3.2	0.9	3.0	0.0	62.9	1.2	4.6	0.0	0.0	11.4	1.7	1.0	-3.5
4444	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	7.5	1.7	10.3	-7.3
4445	4460822.01	5339868.13	505.08	3	D	A	72.2	3.9	0.9	3.0	0.0	63.2	1.2	4.6	0.0	0.0	7.1	1.7	11.2	-9.0
4446	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	9.9	1.8	0.0	0.4
4447	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	9.9	1.8	0.0	-0.0
4448	4460701.38	5339799.40	505.34	1	D	A	72.2	6.2	0.9	3.0	0.0	66.7	1.6	4.7	0.0	0.0	4.6	1.8	8.3	-5.4

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4377	4460702.35	5339844.48	505.03	0	D	A	67.4	7.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	8.4	1.8	0.0	-2.2
4378	4460700.39	5339852.60	504.99	0	D	A	67.4	10.4	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	13.1	1.8	0.0	-4.1
4379	4460698.07	5339862.21	504.95	0	D	A	67.4	9.4	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	10.5	1.8	0.0	-2.6
4380	4460696.09	5339870.38	504.92	0	D	A	67.4	9.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	4.7	1.8	0.0	2.8
4381	4460695.74	5339871.83	504.91	3	D	A	67.4	-6.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	6.5	1.9	50.2	-68.3
4383	4460695.43	5339873.13	504.90	3	D	A	67.4	3.9	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	6.5	1.9	50.2	-58.2
4384	4460698.27	5339861.36	504.96	1	D	A	67.4	1.2	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	6.9	1.8	14.1	-24.1
4385	4460696.68	5339867.94	504.93	1	D	A	67.4	10.9	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	7.1	1.8	14.2	-14.7
4400	4460693.66	5339881.40	504.85	0	D	A	67.4	11.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	3.9	1.8	0.0	6.0
4401	4460690.98	5339894.16	504.75	0	D	A	67.4	10.6	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.2	1.8	0.0	5.6
4402	4460692.33	5339887.72	504.80	2	D	A	67.4	4.7	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	2.2	1.8	10.8	-10.3
4403	4460691.32	5339892.50	504.76	2	D	A	67.4	8.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.2	1.8	10.7	-6.6
4404	4460690.28	5339897.48	504.73	2	D	A	67.4	5.3	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.1	1.8	10.6	-9.6
4405	4460689.86	5339899.47	504.71	2	D	A	67.4	-1.4	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	2.1	1.8	10.6	-16.3
4406	4460691.75	5339890.49	504.78	1	D	A	67.4	12.8	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	7.0	1.8	14.1	-12.9
4407	4460693.17	5339883.69	504.83	2	D	A	67.4	5.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.5	1.8	22.7	-24.7
4449	4460690.00	5339902.04	504.69	0	D	A	67.4	6.5	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	2.9	1.8	0.0	1.7
4450	4460690.33	5339905.50	504.67	0	D	A	67.4	4.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.3	1.8	0.0	-3.2
4451	4460690.57	5339908.00	504.65	0	D	A	67.4	4.0	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.6	1.8	0.0	-3.6
4452	4460690.71	5339909.49	504.64	0	D	A	67.4	-2.9	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.5	1.8	0.0	-10.4
4453	4460689.94	5339901.40	504.70	1	D	A	67.4	5.0	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	6.7	1.8	14.0	-20.3
4454	4460690.16	5339903.70	504.68	1	D	A	67.4	1.7	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	6.5	1.8	14.0	-23.4
4455	4460690.48	5339907.09	504.66	1	D	A	67.4	7.3	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	6.2	1.8	13.8	-17.5
4456	4460691.50	5339911.89	504.56	0	D	A	67.4	6.6	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	5.5	1.8	0.0	-0.9
4457	4460693.11	5339916.42	504.40	0	D	A	67.4	7.0	0.9	3.0	0.0	65.4	1.4	4.7	0.0	0.0	3.4	1.8	0.0	1.7

Immissionspunkt
 Bez.: IO 7 Tubeuf 19b
 ID: IO
 X: 4461166.96 m
 Y: 5339571.71 m
 Z: 519.38 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4458	4461024.34	5339880.44	504.48	0	D	A	90.2	21.4	0.9	3.0	0.0	61.6	1.0	4.0	0.0	0.0	0.0	1.1	0.0	47.8
4459	4460941.32	5339915.18	504.45	0	D	A	90.2	16.3	0.9	3.0	0.0	63.3	1.2	4.1	0.0	0.0	1.2	1.2	0.0	39.4
4460	4460909.91	5339928.33	504.44	0	D	A	90.2	14.0	0.9	3.0	0.0	63.9	1.3	4.2	0.0	0.0	0.9	1.3	0.0	36.7
4461	4460890.11	5339936.62	504.43	0	D	A	90.2	12.4	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	0.6	1.3	0.0	34.9
4462	4460879.04	5339941.25	504.42	0	D	A	90.2	8.1	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	1.8	1.3	0.0	29.1
4463	4460875.79	5339942.61	504.42	0	D	A	90.2	-2.4	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	4.2	1.3	0.0	16.2
4464	4460869.39	5339945.29	504.42	0	D	A	90.2	11.2	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	4.2	1.3	0.0	29.7
4465	4460858.83	5339949.71	504.41	0	D	A	90.2	9.8	0.9	3.0	0.0	64.8	1.4	4.2	0.0	0.0	3.4	1.4	0.0	28.9
4466	4460853.98	5339951.74	504.41	0	D	A	90.2	-0.4	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	2.9	1.4	0.0	19.0
4467	4460852.23	5339952.47	504.41	0	D	A	90.2	4.6	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	1.0	1.4	0.0	25.8
4468	4460830.38	5339961.61	504.40	0	D	A	90.2	16.5	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	0.7	1.4	0.0	37.6
4469	4460806.33	5339971.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	0.5	1.4	0.0	29.6
4470	4460788.18	5339979.27	504.38	0	D	A	90.2	15.0	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	0.5	1.4	0.0	35.5
4471	4460765.09	5339988.94	504.37	0	D	A	90.2	12.6	0.9	3.0	0.0	66.3	1.5	4.3	0.0	0.0	0.4	1.5	0.0	32.7
4472	4460753.89	5339993.63	504.37	0	D	A	90.2	7.7	0.9	3.0	0.0	66.4	1.6	4.3	0.0	0.0	0.4	1.5	0.0	27.6
4473	4460742.99	5339998.18	504.36	0	D	A	90.2	12.5	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	0.4	1.5	0.0	32.2
4474	4461057.40	5339866.60	504.50	1	D	A	90.2	11.5	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	11.7	1.4	15.7	6.0
4475	4461068.96	5339861.76	504.50	3	D	A	90.2	3.0	0.9	3.0	0.0	67.1	1.7	4.4	0.0	0.0	11.2	1.5	26.8	-15.5
4476	4461067.24	5339862.48	504.50	3	D	A	90.2	2.4	0.9	3.0	0.0	67.1	1.7	4.4	0.0	0.0	11.2	1.5	26.8	-16.1
4477	4461020.49	5339882.05	504.48	1	D	A	90.2	17.4	0.9	3.0	0.0	62.2	1.1	4.0	0.0	0.0	0.0	1.1	6.2	36.9
4478	4460986.95	5339896.09	504.47	1	D	A	90.2	12.7	0.9	3.0	0.0	62.8	1.2	4.1	0.0	0.0	3.8	1.2	6.6	27.1
4479	4460933.90	5339918.29	504.45	1	D	A	90.2	8.1	0.9	3.0	0.0	63.7	1.2	4.2	0.0	0.0	1.4	1.3	7.6	22.8
4480	4460940.02	5339915.73	504.45	1	D	A	90.2	8.3	0.9	3.0	0.0	63.6	1.2	4.2	0.0	0.0	1.6	1.3	7.8	22.8
4482	4460840.87	5339957.22	504.41	1	D	A	90.2	7.3	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	1.6	1.4	35.6	-9.2
4484	4460863.25	5339947.85	504.42	1	D	A	90.2	6.3	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	1.1	1.4	31.9	-4.9
4485	4460861.20	5339948.71	504.41	1	D	A	90.2	-7.1	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	1.0	1.4	31.8	-18.1
4486	4460961.53	5339906.72	504.46	1	D	A	90.2	9.3	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	1.7	1.3	32.4	-2.0
4487	4460924.43	5339922.25	504.44	2	D	A	90.2	1.3	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	0.5	1.4	31.9	-10.4
4488	4460929.10	5339920.30	504.44	2	D	A	90.2	1.1	0.9	3.0	0.0	65.1	1.4	4.3	0.0	0.0	0.7	1.4	16.0	6.4
4489	4460878.27	5339941.57	504.42	3	D	A	90.2	6.9	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	0.7	1.4	32.0	-3.9
4490	4460941.79	5339914.99	504.45	1	D	A	90.2	2.3	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	4.2	1.3	7.3	13.7
4491	4460938.75	5339916.26	504.45	1	D	A	90.2	6.9	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	4.7	1.3	7.6	17.5
4492	4460932.11	5339919.04	504.44	1	D	A	90.2	9.8	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	4.7	1.3	7.6	20.3
4493	4460951.07	5339911.10	504.45	3	D	A	90.2	2.3	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	0.9	1.4	9.2	14.6
4494	4460958.67	5339907.92	504.46	3	D	A	90.2	2.5	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	0.6	1.4	8.8	15.3
4495	4460957.64	5339908.35	504.46	3	D	A	90.2	-3.5	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	0.5	1.4	8.7	9.6
4496	4460955.26	5339909.35	504.45	3	D	A	90.2	6.8	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	0.7	1.4	8.9	19.4
4497	4460952.44	5339910.53	504.45	3	D	A	90.2	1.4	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	0.8	1.4	9.1	13.8
4498	4460980.33	5339898.86	504.47	1	D	A	90.2	10.8	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	2.5	1.3	5.9	25.3
4499	4460971.82	5339902.42	504.46	1	D	A	90.2	8.1	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	2.1	1.3	5.5	23.3
4500	4460964.35	5339905.54	504.46	1	D	A	90.2	9.9	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	1.7	1.3	5.1	25.9
4501	4460956.38	5339908.88	504.46	1	D	A	90.2	8.8	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	1.5	1.3	4.9	25.3
4502	4460947.61	5339912.55	504.45	1	D	A	90.2	10.6	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	3.4	1.3	6.7	23.4
4510	4460965.84	5339904.92	504.46	3	D	A	90.2	-7.3	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	0.7	1.4	8.9	5.5
4512	4460962.56	5339906.29	504.46	3	D	A	90.2	8.4	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	0.6	1.4	8.9	21.2
4513	4460968.22	5339903.92	504.46	3	D	A	90.2	7.0	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	0.7	1.4	8.9	19.7
4519	4460798.53	5339974.94	504.39	1	D	A	90.2	4.1	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	2.6	1.6	10.6	9.1
4520	4460790.20	5339978.43	504.38	1	D	A	90.2	11.9	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	2.6	1.6	10.5	17.0
4521	4460781.05	5339982.26	504.38	1	D	A	90.2	6.4	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	2.7	1.6	10.6	11.4
4525	4460766.21	5339988.47	504.37	1	D	A	90.2	7.5	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	2.8	1.6	6.9	16.1
4527	4460761.27	5339990.54	504.37	1	D	A	90.2	7.0	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	5.5	1.6	9.0	10.7
4529	4460751.00	5339994.83	504.37	1	D	A	90.2	12.4	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	5.4	1.6	9.0	16.2
4531	4460742.76	5339998.28	504.36	1	D	A	90.2	-2.0	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	5.4	1.6	9.0	1.8
4533	4460741.55	5339998.79	504.36	1	D	A	90.2	3.0	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	5.5	1.6	9.0	6.7
4535	4460737.73	5340000.38	504.36	1	D	A	90.2	8.0	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	5.5	1.6	9.0	11.6
4537	4460834.88	5339941.88	504.35	0	D	A	90.2	0.8	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	1.2	1.4	0.0	21.8
4539	4460854.56	5339933.60	504.35	0	D	A	90.2	16.2	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	1.8	1.3	0.0	37.0

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4541	4460874.91	5339925.03	504.35	0	D	A	90.2	4.3	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	2.9	1.3	0.0	24.5
4542	4460876.54	5339924.34	504.35	0	D	A	90.2	-0.7	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	7.0	1.3	0.0	15.4
4543	4460887.01	5339919.94	504.36	0	D	A	90.2	13.4	0.9	3.0	0.0	64.0	1.3	4.2	0.0	0.0	9.5	1.3	0.0	27.2
4544	4460899.86	5339914.52	504.36	0	D	A	90.2	7.8	0.9	3.0	0.0	63.8	1.3	4.2	0.0	0.0	4.7	1.3	0.0	26.8
4545	4460910.16	5339910.19	504.36	0	D	A	90.2	12.1	0.9	3.0	0.0	63.6	1.2	4.2	0.0	0.0	1.5	1.3	0.0	34.5
4547	4460928.57	5339902.44	504.36	0	D	A	90.2	13.7	0.9	3.0	0.0	63.2	1.2	4.1	0.0	0.0	2.2	1.2	0.0	35.9
4549	4460957.76	5339890.15	504.37	0	D	A	90.2	16.0	0.9	3.0	0.0	62.6	1.1	4.1	0.0	0.0	3.3	1.2	0.0	37.8
4550	4461000.44	5339872.18	504.37	0	D	A	90.2	17.2	0.9	3.0	0.0	61.7	1.1	4.0	0.0	0.0	0.6	1.1	0.0	42.9
4552	4460835.73	5339941.52	504.35	1	D	A	90.2	4.8	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	2.7	1.4	37.5	-14.1
4553	4460931.16	5339901.35	504.36	1	D	A	90.2	7.9	0.9	3.0	0.0	63.3	1.2	4.2	0.0	0.0	5.6	1.2	8.7	17.8
4554	4460937.03	5339898.88	504.36	1	D	A	90.2	8.2	0.9	3.0	0.0	63.3	1.2	4.2	0.0	0.0	5.9	1.2	12.9	13.7
4555	4460856.51	5339932.78	504.35	1	D	A	90.2	-7.2	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	1.7	1.4	17.2	-4.0
4556	4460858.49	5339931.94	504.35	1	D	A	90.2	6.1	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	1.8	1.4	17.4	9.2
4557	4460860.94	5339930.91	504.35	1	D	A	90.2	0.6	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	1.9	1.4	33.8	-12.9
4558	4460861.97	5339930.48	504.35	1	D	A	90.2	0.3	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	3.7	1.4	37.7	-18.9
4559	4460881.12	5339922.42	504.36	1	D	A	90.2	4.8	0.9	3.0	0.0	64.3	1.3	4.2	0.0	0.0	3.2	1.3	35.3	-10.8
4560	4460928.13	5339902.62	504.36	1	D	A	90.2	9.0	0.9	3.0	0.0	63.9	1.3	4.2	0.0	0.0	4.2	1.3	20.4	7.9
4561	4460902.32	5339913.49	504.36	2	D	A	90.2	1.1	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	0.9	1.4	16.8	4.6
4562	4460907.15	5339911.46	504.36	2	D	A	90.2	0.9	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	1.4	1.4	17.3	4.7
4563	4460888.34	5339919.38	504.36	3	D	A	90.2	6.7	0.9	3.0	0.0	64.8	1.4	4.2	0.0	0.0	1.2	1.4	18.1	9.8
4565	4460936.82	5339898.96	504.36	1	D	A	90.2	5.4	0.9	3.0	0.0	63.2	1.2	4.1	0.0	0.0	2.7	1.2	9.1	18.0
4566	4461009.40	5339868.41	504.37	1	D	A	90.2	15.2	0.9	3.0	0.0	61.8	1.1	4.0	0.0	0.0	0.0	1.1	3.9	37.5
4567	4460984.64	5339878.83	504.37	1	D	A	90.2	12.5	0.9	3.0	0.0	62.4	1.1	4.1	0.0	0.0	6.2	1.1	8.2	23.5
4568	4460927.00	5339903.10	504.36	1	D	A	90.2	9.6	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	7.4	1.3	9.1	16.4
4569	4460933.40	5339900.40	504.36	1	D	A	90.2	6.7	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	7.4	1.3	9.1	13.6
4570	4460936.33	5339899.17	504.36	1	D	A	90.2	2.1	0.9	3.0	0.0	64.0	1.3	4.2	0.0	0.0	6.6	1.3	8.7	10.1
4571	4460945.85	5339895.17	504.36	3	D	A	90.2	2.2	0.9	3.0	0.0	64.6	1.3	4.3	0.0	0.0	2.4	1.3	7.8	14.7
4572	4460947.18	5339894.60	504.36	3	D	A	90.2	1.2	0.9	3.0	0.0	64.6	1.3	4.3	0.0	0.0	2.1	1.3	7.6	14.2
4573	4460949.90	5339893.46	504.37	3	D	A	90.2	6.6	0.9	3.0	0.0	64.5	1.3	4.3	0.0	0.0	1.7	1.3	7.2	20.5
4574	4460952.20	5339892.49	504.37	3	D	A	90.2	-3.7	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	0.5	1.3	6.2	12.3
4575	4460953.19	5339892.07	504.37	3	D	A	90.2	2.3	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	0.9	1.3	6.5	17.6
4577	4460941.85	5339896.85	504.36	1	D	A	90.2	10.4	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	5.4	1.3	8.1	20.2
4578	4460950.30	5339893.29	504.37	1	D	A	90.2	8.6	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	2.5	1.3	5.8	23.6
4579	4460957.98	5339890.06	504.37	1	D	A	90.2	9.7	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	2.9	1.3	6.1	24.0
4580	4460965.17	5339887.03	504.37	1	D	A	90.2	7.9	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	3.5	1.3	6.7	21.0
4581	4460973.37	5339883.58	504.37	1	D	A	90.2	10.6	0.9	3.0	0.0	64.1	1.3	4.2	0.0	0.0	4.1	1.3	7.2	22.6
4582	4460956.87	5339890.52	504.37	3	D	A	90.2	8.2	0.9	3.0	0.0	64.6	1.3	4.3	0.0	0.0	0.9	1.3	6.5	23.4
4583	4460960.04	5339889.19	504.37	3	D	A	90.2	-7.4	0.9	3.0	0.0	64.6	1.3	4.3	0.0	0.0	1.0	1.3	6.6	7.7
4584	4460962.34	5339888.22	504.37	3	D	A	90.2	6.8	0.9	3.0	0.0	64.6	1.3	4.3	0.0	0.0	1.0	1.3	6.6	21.9
4585	4460735.12	5339919.40	504.38	0	D	A	90.2	9.3	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	2.8	1.4	0.0	27.6
4586	4460742.28	5339922.01	504.38	0	D	A	90.2	8.3	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	2.8	1.4	0.0	26.6
4587	4460746.65	5339923.60	504.38	0	D	A	90.2	4.1	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	2.8	1.4	0.0	22.5
4588	4460767.76	5339931.27	504.37	0	D	A	90.2	16.3	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	2.4	1.4	0.0	35.2
4589	4460790.37	5339939.50	504.36	0	D	A	90.2	7.6	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	1.7	1.4	0.0	27.4
4590	4460770.83	5339932.39	504.37	1	D	A	90.2	10.5	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.8	1.5	16.5	13.1
4591	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	58.2	0.8	3.6	0.0	0.0	1.7	0.6	0.0	37.8
4592	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	58.3	0.8	3.6	0.0	0.0	2.0	0.6	0.0	37.3
4593	4461085.55	5339788.47	504.38	1	D	A	90.2	8.3	0.9	3.0	0.0	63.6	1.2	4.2	0.0	0.0	14.5	1.3	12.8	4.9
4594	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0	0.0	58.2	0.8	3.6	0.0	0.0	1.9	0.6	0.0	37.4
4595	4461090.80	5339788.49	504.39	3	D	A	90.2	0.7	0.9	3.0	0.0	66.0	1.5	4.4	0.0	0.0	14.1	1.4	15.4	-8.0
4596	4461092.05	5339788.68	504.39	3	D	A	90.2	1.3	0.9	3.0	0.0	66.0	1.5	4.4	0.0	0.0	14.1	1.4	15.4	-7.4
4597	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	58.3	0.8	3.6	0.0	0.0	2.1	0.6	0.0	37.2
4598	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	58.6	0.8	3.6	0.0	0.0	1.2	0.7	0.0	38.0
4599	4461114.65	5339805.59	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	63.8	1.3	4.2	0.0	0.0	14.4	1.3	12.9	5.1
4600	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	58.4	0.8	3.6	0.0	0.0	1.4	0.7	0.0	37.8
4601	4461112.59	5339801.64	504.40	1	D	A	90.2	1.5	0.9	3.0	0.0	63.7	1.3	4.2	0.0	0.0	14.4	1.3	12.9	-2.1
4602	4461110.68	5339799.21	504.41	3	D	A	90.2	5.6	0.9	3.0	0.0	66.1	1.5	4.4	0.0	0.0	14.0	1.4	15.5	-3.2
4603	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	58.4	0.8	3.6	0.0	0.0	1.9	0.7	0.0	37.2
4604	4461080.63	5339789.09	504.39	1	D	A	90.2	5.0	0.9	3.0	0.0	63.7	1.2	4.2	0.0	0.0	14.5	1.3	12.8	1.6
4605	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	58.6	0.8	3.6	0.0	0.0	1.6	0.7	0.0	37.4
4606	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	58.8	0.8	3.7	0.0	0.0	1.1	0.7	0.0	37.6
4607	4461117.11	5339812.56	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	63.9	1.3	4.2	0.0	0.0	14.3	1.3	13.0	4.8
4608	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	58.8	0.8	3.7	0.0	0.0	1.2	0.7	0.0	37.4
4609	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0</									

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4614	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	59.6	0.9	3.8	0.0	0.0	0.6	0.8	0.0	37.4
4615	4461112.73	5339836.56	504.40	1	D	A	90.2	3.3	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	11.8	1.3	15.5	-1.1
4616	4461055.50	5339814.36	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	59.5	0.9	3.8	0.0	0.0	1.0	0.8	0.0	36.8
4617	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	59.8	0.9	3.8	0.0	0.0	0.0	0.9	0.0	37.6
4618	4461109.61	5339840.23	504.40	1	D	A	90.2	8.8	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	11.8	1.3	15.5	4.2
4619	4461053.77	5339821.41	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	59.8	0.9	3.8	0.0	0.0	0.8	0.9	0.0	36.6
4620	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	60.0	0.9	3.8	0.0	0.0	0.0	0.9	0.0	37.3
4621	4461103.97	5339845.13	504.42	1	D	A	90.2	8.7	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	11.8	1.3	15.5	4.1
4622	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	60.0	0.9	3.8	0.0	0.0	0.5	0.9	0.0	36.7
4623	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	60.1	0.9	3.8	0.0	0.0	0.0	0.9	0.0	37.1
4624	4461100.34	5339847.61	504.44	1	D	A	90.2	1.2	0.9	3.0	0.0	64.6	1.3	4.3	0.0	0.0	11.8	1.3	15.5	-3.6
4625	4461096.83	5339849.39	504.43	3	D	A	90.2	6.3	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	11.2	1.5	18.4	-3.5
4626	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	60.2	0.9	3.8	0.0	0.0	0.0	0.9	0.0	37.0
4627	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	60.3	0.9	3.8	0.0	0.0	0.0	0.9	0.0	36.9
4628	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	60.4	0.9	3.9	0.0	0.0	0.0	0.9	0.0	36.7
4630	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	60.6	1.0	3.9	0.0	0.0	0.0	1.0	0.0	36.3
4632	4461040.73	5339850.02	504.39	1	D	A	90.2	4.2	0.9	3.0	0.0	61.5	1.0	4.0	0.0	0.0	0.8	1.1	6.1	23.9
4634	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	60.8	1.0	3.9	0.0	0.0	0.0	1.0	0.0	35.4
4636	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	61.5	1.0	4.0	0.0	0.0	0.8	1.1	6.1	27.6
4640	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	61.0	1.0	3.9	0.0	0.0	0.0	1.0	0.0	35.1
4641	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	61.6	1.0	4.0	0.0	0.0	0.8	1.1	6.2	27.4
4643	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	61.1	1.0	3.9	0.0	0.0	0.0	1.0	0.0	35.0
4645	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	61.7	1.1	4.0	0.0	0.0	0.8	1.1	6.2	27.4
4662	4460793.26	5339940.53	504.36	0	D	A	90.2	-4.2	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	1.7	1.4	0.0	15.7
4664	4460793.56	5339940.61	504.37	0	D	A	90.2	-6.4	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	1.7	1.4	0.0	13.5
4666	4460797.31	5339941.61	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	0.8	1.4	0.0	29.6
4670	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	65.1	1.4	4.3	0.0	0.0	1.0	1.4	0.0	29.6
4671	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	65.0	1.4	4.3	0.0	0.0	1.1	1.4	0.0	29.3
4674	4460829.54	5339943.28	504.38	1	D	A	90.2	-2.7	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	2.5	1.4	99.3	-83.4
4675	4460830.63	5339943.01	504.37	1	D	A	90.2	2.3	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	2.5	1.4	99.4	-78.4
4676	4460831.75	5339942.74	504.36	1	D	A	90.2	-2.4	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	2.6	1.4	99.5	-83.3
4677	4460833.28	5339942.37	504.35	1	D	A	90.2	3.3	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	2.6	1.4	37.3	-15.4
4678	4460810.69	5339944.31	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	0.9	1.4	0.0	29.2
4679	4460817.38	5339944.75	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	0.9	1.4	0.0	29.2
4686	4460801.56	5339942.72	504.39	0	D	A	90.2	1.0	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	0.8	1.4	0.0	21.9
4687	4460803.37	5339943.09	504.38	0	D	A	90.2	3.8	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	0.8	1.4	0.0	24.7
4688	4460805.93	5339943.63	504.37	0	D	A	90.2	4.5	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	0.9	1.4	0.0	25.4
4689	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	1.3	1.4	0.0	28.2
4690	4460713.62	5339914.50	504.38	2	D	A	90.2	8.8	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	0.5	1.5	8.0	20.7
4691	4460710.05	5339914.45	504.38	3	D	A	90.2	-3.5	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	0.5	1.5	97.4	-81.1
4692	4460710.61	5339914.46	504.38	1	D	A	90.2	2.0	0.9	3.0	0.0	66.2	1.5	4.4	0.0	0.0	1.3	1.5	35.1	-13.8
4693	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	66.2	1.5	4.4	0.0	0.0	1.2	1.5	0.0	28.2
4694	4460704.74	5339915.24	504.37	2	D	A	90.2	6.9	0.9	3.0	0.0	66.5	1.6	4.4	0.0	0.0	0.4	1.5	8.0	18.7
4695	4460708.48	5339914.66	504.38	2	D	A	90.2	4.3	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	0.5	1.5	8.0	16.2
4696	4460709.32	5339914.53	504.38	3	D	A	90.2	-0.0	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	0.5	1.5	33.6	-13.8
4697	4460709.82	5339914.45	504.39	3	D	A	90.2	-18.7	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	0.5	1.5	97.4	-96.2
4698	4460709.57	5339914.49	504.38	1	D	A	90.2	-2.9	0.9	3.0	0.0	66.2	1.5	4.4	0.0	0.0	1.3	1.5	35.0	-18.6
4699	4460718.97	5339914.86	504.38	0	D	A	90.2	5.0	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	1.4	1.4	0.0	24.5
4700	4460720.78	5339915.22	504.40	0	D	A	90.2	-2.9	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	1.9	1.4	0.0	16.0
4701	4460722.74	5339915.61	504.41	0	D	A	90.2	5.4	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	2.0	1.4	0.0	24.3
4702	4460720.73	5339915.21	504.40	2	D	A	90.2	8.3	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	0.5	1.5	8.0	20.3
4703	4460698.78	5339916.88	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.0	1.5	0.0	28.2
4704	4460695.99	5339917.87	504.33	2	D	A	90.2	2.1	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	2.7	1.5	11.2	8.4
4705	4460699.54	5339916.60	504.35	2	D	A	90.2	7.7	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	0.4	1.5	8.0	19.4
4706	4460727.78	5339916.94	504.41	0	D	A	90.2	8.4	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	2.4	1.4	0.0	26.9
4708	4460732.56	5340002.44	504.37	0	D	A	90.2	6.9	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	0.4	1.5	0.0	26.4
4709	4460730.03	5340003.38	504.38	0	D	A	90.2	-2.5	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.4	1.5	0.0	17.0
4710	4460728.78	5340003.84	504.39	0	D	A	90.2	3.2	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.4	1.5	0.0	22.7
4711	4460733.31	5340002.16	504.37	1	D	A	90.2	5.1	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	5.4	1.6	6.2	11.8
4713	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	0.4	1.5	0.0	28.1
4718	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.4	1.5	0.0	28.2
4719	4460666.57	5339957.81	504.40	0	D	A	90.2	1.2	0.9	3.0	0.0	67.0	1.6	4.4	0.0	0.0	0.5	1.5	0.0	20.3
4720	4460666.70	5339956.86	504.40	0	D	A	90.2	-2.1	0.9	3.0	0.0	67.0	1.6	4.4	0.0	0.0	0.5	1.5	0.0	17.0
4721	4460666.93	5339955.19	504.39	0	D	A	90.2	4.4	0.9	3.0	0.									

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4726	4460691.66	5339919.79	504.34	0	D	A	90.2	7.2	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	2.7	1.5	0.0	24.8
4727	4460694.62	5339918.42	504.33	0	D	A	90.2	1.2	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	1.0	1.5	0.0	20.7
4728	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	0.4	1.5	0.0	27.9
4729	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	0.4	1.5	0.0	28.0
4730	4460701.96	5340004.89	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	0.4	1.5	0.0	27.9
4731	4460719.19	5340005.93	504.38	0	D	A	90.2	4.2	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	0.4	1.5	0.0	23.6
4732	4460715.57	5340006.13	504.38	0	D	A	90.2	6.6	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	0.4	1.5	0.0	25.9
4733	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	0.4	1.5	0.0	27.8
4734	4460684.74	5339996.88	504.36	0	D	A	90.2	1.3	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	0.4	1.5	0.0	20.3
4735	4460681.96	5339994.32	504.34	0	D	A	90.2	7.9	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	0.4	1.5	0.0	27.0
4736	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	0.4	1.5	0.0	27.7
4738	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	67.1	1.7	4.4	0.0	0.0	0.4	1.5	0.0	27.6
4742	4460674.76	5339986.07	504.35	0	D	A	90.2	-0.5	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	0.4	1.5	0.0	18.5
4743	4460673.94	5339984.48	504.35	0	D	A	90.2	4.3	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	0.4	1.5	0.0	23.3
4744	4460672.50	5339981.72	504.35	0	D	A	90.2	5.5	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	0.4	1.5	0.0	24.5
4745	4460670.96	5339978.62	504.36	0	D	A	90.2	5.3	0.9	3.0	0.0	67.1	1.7	4.4	0.0	0.0	0.4	1.5	0.0	24.3
4746	4460669.47	5339975.46	504.38	0	D	A	90.2	5.5	0.9	3.0	0.0	67.1	1.7	4.4	0.0	0.0	0.4	1.5	0.0	24.6
4747	4460676.55	5339932.26	504.36	0	D	A	90.2	6.7	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	0.4	1.5	0.0	26.2
4748	4460678.39	5339929.97	504.36	0	D	A	90.2	1.0	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	0.4	1.5	0.0	20.6
4749	4460670.80	5339941.20	504.37	0	D	A	90.2	7.8	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.4	1.5	0.0	27.2
4750	4460673.60	5339936.29	504.36	0	D	A	90.2	7.3	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.4	1.5	0.0	26.8

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4789	4460733.51	5339861.63	505.08	0	D	A	73.9	15.8	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	6.0	1.4	0.0	15.3
4790	4460715.55	5339882.20	505.01	0	D	A	73.9	12.1	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	2.8	1.4	0.0	14.2
4791	4460732.55	5339862.74	505.08	1	D	A	73.9	8.4	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	5.5	1.4	6.2	1.7

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4882	4460748.58	5339889.54	504.80	0	D	A	73.9	10.3	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	3.3	1.4	0.0	12.3
4883	4460747.07	5339894.98	504.73	0	D	A	73.9	-2.2	0.9	3.0	0.0	65.5	1.4	4.3	0.0	0.0	4.1	1.4	0.0	-1.2
4884	4460743.55	5339907.66	504.55	0	D	A	73.9	14.1	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	4.1	1.4	0.0	15.0
4885	4460739.97	5339920.56	504.36	0	D	A	73.9	0.2	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	2.8	1.4	0.0	2.2
4886	4460748.13	5339891.15	504.78	1	D	A	73.9	10.0	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	2.6	1.4	10.0	1.9
4887	4460748.21	5339890.87	504.78	2	D	A	73.9	11.3	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	1.7	1.4	9.6	4.9

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4859	4460681.77	5339831.35	505.49	0	D	A	78.7	10.5	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	9.1	1.4	0.0	11.0
4860	4460674.52	5339829.65	505.48	0	D	A	78.7	5.6	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	7.4	1.4	0.0	7.6
5039	4460692.50	5339831.55	505.29	0	D	A	78.7	7.0	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	13.5	1.4	0.0	3.2
5040	4460688.64	5339832.34	505.44	0	D	A	78.7	4.5	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	11.6	1.4	0.0	2.6

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5019	4460788.51	5339878.80	504.87	0	D	A	73.9	4.8	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	14.3	1.4	0.0	-3.4
5020	4460792.41	5339880.66	504.87	0	D	A	73.9	7.5	0.9	3.0	0.0	64.7	1.4	4.3	0.0	0.0	13.9	1.4	0.0	-0.2
5021	4460795.94	5339882.34	504.86	0	D	A	73.9	3.4	0.9	3.0	0.0	64.7	1.4	4.3	0.0	0.0	13.5	1.4	0.0	-3.9
5022	4460801.31	5339884.89	504.86	0	D	A	73.9	9.9	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	13.4	1.3	0.0	2.7
5025	4460804.22	5339886.28	504.85	1	D	A	73.9	5.2	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	1.8	1.4	17.7	-8.9
5041	4460787.29	5339860.51	505.09	0	D	A	73.9	9.3	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	10.4	1.3	0.0	5.2
5042	4460786.19	5339864.87	505.05	0	D	A	73.9	-2.8	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	14.8	1.3	0.0	-11.3
5043	4460785.10	5339869.16	505.01	0	D	A	73.9	9.2	0.9	3.0	0.0	64.7	1.4	4.3	0.0	0.0	14.9	1.4	0.0	0.5
5044	4460788.29	5339856.60	505.12	1	D	A	73.9	-4.3	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	8.9	1.3	1.0	-7.9
5045	4460787.33	5339860.37	505.09	2	D	A	73.9	9.1	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	5.0	1.4	6.9	3.1
5047	4460786.29	5339864.44	505.05	2	D	A	73.9	-0.6	0.9	3.0	0.0	65.0	1.4	4.3	0.0	0.0	4.6	1.4	9.1	-8.4
5048	4460788.32	5339856.47	505.12	3	D	A	73.9	-10.0	0.9	3.0	0.0	65.0	1.4	4.3	0.0	0.0	4.5	1.4	10.1	-18.7
5178	4460810.76	5339888.22	504.81	0	D	A	73.9	10.2	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	12.9	1.3	0.0	3.6
5179	4460808.03	5339887.55	504.83	1	D	A	73.9	-2.4	0.9	3.0	0.0	64.7	1.4	4.3	0.0	0.0	12.8	1.4	21.9	-31.0
5180	4460809.21	5339887.84	504.83	1	D	A	73.9	2.7	0.9	3.0	0.0	64.7	1.4	4.3	0.0	0.0	12.8	1.4	21.9	-26.0
5181	4460810.41	5339888.14	504.82	1	D	A	73.9	-2.0	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	12.8	1.4	21.9	-30.7
5182	4460813.30	5339888.84	504.80	1	D	A	73.9	7.2	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	12.8	1.4	14.5	-14.1
5184	4460810.76	5339888.22	504.81	1	D	A	73.9	10.2	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	2.1	1.4	18.2	-4.5

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5223	4460785.61	5339875.67	504.93	0	D	A	73.9	7.7	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	15.5	1.4	0.0	-1.8

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4792	4460722.38	5339864.88	505.04	0	D	A	73.9	17.1	0.9	3.0	0.0	65.5	1.5	4.3	0.0	0.0	4.9	1.4	0.0	17.4
4793	4460733.01	5339852.86	505.09	1	D	A	73.9	2.0	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	9.0	1.4	00.3	-102.3
4794	4460729.38	5339856.97	505.07	1	D	A	73.9	8.3	0.9	3.0	0.0	65.5	1.4	4.3	0.0	0.0	6.5	1.4	5.7	1.4
5049	4460703.65	5339886.58	504.93	0	D	A	73.9	7.8	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	2.2	1.4	0.0	10.2
5050	4460696.76	5339896.43	504.80	0	D	A	73.9	12.6	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	1.5	1.5	0.0	15.4
5208	4460690.81	5339909.96	504.63	0	D	A	73.9	-3.4	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	-0.3
5209	4460692.42	5339914.47	504.47	0	D	A	73.9	9.6	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	3.1	1.5	0.0	10.7
5210	4460693.95	5339918.78	504.32	0	D	A	73.9	-13.1	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	1.0	1.5	0.0	-10.0
5256	4460691.22	5339906.35	504.67	0	D	A	73.9	7.0	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	10.1
5257	4460690.80	5339909.30	504.64	0	D	A	73.9	-0.5	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	2.6

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5026	4460695.32	5339873.96	504.90	0	D	A	73.9	4.4	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	6.8	1.4	0.0	2.3
5028	4460692.72	5339886.10	504.81	0	D	A	73.9	13.4	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	2.0	1.4	0.0	15.9
5029	4460690.10	5339898.36	504.72	0	D	A	73.9	4.8	0.9	3.0	0.0	66.2	1.5	4.4	0.0	0.0	1.4	1.5	0.0	7.7
5196	4460690.22	5339904.41	504.68	0	D	A	73.9	9.6	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.2	1.5	0.0	12.7
5197	4460690.70	5339909.37	504.64	0	D	A	73.9	-1.2	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	1.8
5198	4460702.33	5339845.88	505.01	0	D	A	73.9	9.3	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	8.8	1.4	0.0	5.5
5199	4460702.82	5339842.93	505.03	2	D	A	73.9	4.0	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	3.8	1.4	8.5	-3.6
5204	4460690.81	5339909.96	504.63	0	D	A	73.9	-3.4	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	-0.3
5205	4460692.42	5339914.47	504.47	0	D	A	73.9	9.6	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	3.1	1.5	0.0	10.7
5206	4460693.95	5339918.78	504.32	0	D	A	73.9	-13.1	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	1.0	1.5	0.0	-10.0
5219	4460703.89	5339860.95	505.76	0	D	A	73.9	8.8	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	10.8	1.4	0.0	2.9
5231	4460697.75	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	7.8	1.4	0.0	5.2
5268	4460701.71	5339850.15	504.98	0	D	A	73.9	-6.5	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	7.8	1.4	0.0	-9.3
5269	4460702.39	5339851.05	505.07	0	D	A	73.9	3.1	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	12.9	1.4	0.0	-4.8
5270	4460703.57	5339852.63	505.23	0	D	A	73.9	2.8	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	12.7	1.4	0.0	-4.9
5271	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	8.9	1.4	0.0	2.0
5272	4460704.45	5339855.33	505.53	0	D	A	73.9	6.0	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	13.3	1.4	0.0	-2.4

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4647	4461081.14	5339920.30	504.02	0	D	A	73.9	22.3	0.9	3.0	0.0	62.1	1.1	4.0	0.0	0.0	0.7	1.1	0.0	31.0
4649	4461087.78	5339915.67	504.02	1	D	A	73.9	12.5	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	13.9	1.4	13.6	-10.1
4651	4461025.74	5339959.02	504.03	1	D	A	73.9	13.3	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	13.7	1.5	13.9	-10.6
4653	4461076.35	5339923.65	504.02	3	D	A	73.9	7.5	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	13.5	1.5	24.9	-28.7
4658	4461041.78	5339947.81	504.02	3	D	A	73.9	4.5	0.9	3.0	0.0	68.3	1.8	4.5	0.0	0.0	13.4	1.6	25.2	-32.4
4659	4461039.60	5339949.34	504.02	3	D	A	73.9	4.0	0.9	3.0	0.0	68.3	1.8	4.5	0.0	0.0	13.4	1.6	25.2	-33.0
4680	4461039.54	5339962.95	504.15	0	D	A	73.9	21.1	0.9	3.0	0.0	63.3	1.2	4.1	0.0	0.0	0.6	1.2	0.0	28.5
4681	4461019.69	5339976.70	504.12	1	D	A	73.9	13.4	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	13.6	1.5	14.0	-10.8
4682	4461083.51	5339932.49	504.20	1	D	A	73.9	12.6	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	11.4	1.4	16.0	-10.4
4683	4461034.06	5339966.75	504.14	3	D	A	73.9	4.1	0.9	3.0	0.0	68.5	1.8	4.5	0.0	0.0	13.3	1.6	25.5	-33.3
4684	4461036.29	5339965.20	504.14	3	D	A	73.9	4.6	0.9	3.0	0.0	68.5	1.8	4.5	0.0	0.0	13.4	1.6	25.4	-32.7
4685	4461071.64	5339940.71	504.18	3	D	A	73.9	7.6	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	13.4	1.6	25.1	-29.0
4715	4460842.92	5340097.81	503.88	0	D	A	73.9	5.4	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.0	1.5	0.0	9.0
4716	4460915.31	5340048.34	503.99	0	D	A	73.9	22.4	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	0.3	1.4	0.0	27.0
4717	4460856.67	5340088.41	503.90	1	D	A	73.9	15.7	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	7.1	11.1
4741	4461120.56	5339907.28	504.18	0	D	A	73.9	18.3	0.9	3.0	0.0	61.6	1.0	4.0	0.0	0.0	0.0	1.1	0.0	28.4
4751	4461159.88	5339877.80	504.13	0	D	A	73.9	15.0	0.9	3.0	0.0	60.7	1.0	3.9	0.0	0.0	0.0	1.0	0.0	26.3
4752	4461172.23	5339866.38	504.12	0	D	A	73.9	3.1	0.9	3.0	0.0	60.4	0.9	3.9	0.0	0.0	0.8	0.9	0.0	14.0
4753	4461173.74	5339864.99	504.12	0	D	A	73.9	3.2	0.9	3.0	0.0	60.4	0.9	3.9	0.0	0.0	0.8	0.9	0.0	14.1
4755	4461175.58	5339863.28	504.12	0	D	A	73.9	4.7	0.9	3.0	0.0	60.3	0.9	3.9	0.0	0.0	0.8	0.9	0.0	15.7
4756	4460860.94	5340025.90	504.03	0	D	A	73.9	14.4	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	0.5	1.4	0.0	18.8
4757	4460834.33	5340033.27	504.06	0	D	A	73.9	14.4	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	0.4	1.4	0.0	18.4
4758	4460812.84	5340039.23	504.08	0	D	A	73.9	12.3	0.9	3.0	0.0	66.4	1.6	4.3	0.0	0.0	0.4	1.5	0.0	16.0
4759	4460803.88	5340041.71	504.09	0	D	A	73.9	1.6	0.9	3.0	0.0	66.5	1.6	4.4	0.0	0.0	0.4	1.5	0.0	5.2
4760	4460799.91	5340042.81	504.10	0	D	A	73.9	8.3	0.9	3.0	0.0	66.5	1.6	4.4	0.0	0.0	0.4	1.5	0.0	11.8
4762	4460784.93	5340046.96	504.12	0	D	A	73.9	13.9	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	1.3	1.5	0.0	16.3
4765	4460772.77	5340050.34	504.13	0	D	A	73.9	-0.3	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	1.5	1.5	0.0	1.7
4768	4460770.91	5340050.85	504.13	0	D	A	73.9	4.7	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	1.4	1.5	0.0	6.8

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agf	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4770	4460752.90	5340055.84	504.15	0	D	A	73.9	15.4	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	0.4	1.5	0.0	18.2
4773	4460805.79	5340041.18	504.09	1	D	A	73.9	3.6	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	0.4	1.5	4.4	1.7
4776	4460798.10	5340043.31	504.10	1	D	A	73.9	11.4	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	0.4	1.5	3.1	10.9
4777	4460789.64	5340045.66	504.11	1	D	A	73.9	5.9	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	0.4	1.5	3.1	5.4
4778	4460737.61	5340060.08	504.17	2	D	A	73.9	4.4	0.9	3.0	0.0	69.2	1.9	4.5	0.0	0.0	0.3	1.6	20.7	-116.0
4779	4460775.47	5340049.59	504.13	1	D	A	73.9	7.1	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	2.7	6.8
4780	4460770.85	5340050.87	504.13	1	D	A	73.9	6.5	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	2.7	6.3
4781	4460761.21	5340053.54	504.14	1	D	A	73.9	11.9	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	2.7	11.7
4782	4460753.48	5340055.68	504.15	1	D	A	73.9	-2.5	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	1.0	-1.0
4783	4460752.34	5340056.00	504.15	1	D	A	73.9	2.5	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	1.0	4.0
4785	4460747.31	5340057.39	504.16	1	D	A	73.9	9.4	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	1.0	10.8
4786	4460932.63	5340004.61	503.95	0	D	A	73.9	19.1	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	0.5	1.4	0.0	24.6
4787	4460884.08	5340019.25	504.01	0	D	A	73.9	13.1	0.9	3.0	0.0	65.5	1.4	4.3	0.0	0.0	0.5	1.4	0.0	17.8
4788	4460991.84	5339980.68	503.97	0	D	A	73.9	16.8	0.9	3.0	0.0	64.0	1.3	4.2	0.0	0.0	0.6	1.3	0.0	23.3
4795	4460633.29	5340026.55	504.61	0	D	A	73.9	11.3	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	10.7	1.6	0.0	2.8
4796	4460634.05	5340018.36	504.65	0	D	A	73.9	4.8	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	9.7	1.5	0.0	-2.7
4797	4460634.24	5340016.35	504.65	0	D	A	73.9	0.2	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	1.2	1.5	0.0	1.3
4798	4460634.77	5340010.73	504.68	0	D	A	73.9	10.1	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	1.4	1.5	0.0	11.1
4799	4460636.47	5339992.55	504.75	0	D	A	73.9	14.2	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	2.3	1.5	0.0	14.4
4800	4460637.73	5339979.16	504.80	0	D	A	73.9	-2.1	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	3.2	1.5	0.0	-2.5
4801	4460638.71	5339968.72	504.84	0	D	A	73.9	13.1	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	3.5	1.5	0.0	12.4
4802	4460639.89	5339956.14	504.89	0	D	A	73.9	6.9	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	2.1	1.5	0.0	7.8
4803	4460633.99	5340019.08	504.64	1	D	A	73.9	-10.7	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.3	-48.7
4804	4460634.01	5340018.86	504.64	1	D	A	73.9	-4.4	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.3	-42.4
4805	4460634.10	5340017.91	504.65	1	D	A	73.9	1.9	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.3	-36.2
4806	4460634.31	5340015.62	504.66	1	D	A	73.9	4.9	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.2	-33.2
4807	4460634.43	5340014.30	504.66	2	D	A	73.9	2.6	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-37.1
4808	4460634.04	5340018.53	504.65	2	D	A	73.9	-10.5	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-50.2
4809	4460634.06	5340018.30	504.65	2	D	A	73.9	-4.3	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-43.9
4810	4460634.15	5340017.32	504.65	2	D	A	73.9	2.0	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-37.7
4811	4460634.29	5340015.86	504.66	2	D	A	73.9	1.3	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-38.4
4813	4460636.79	5339989.16	504.76	1	D	A	73.9	6.8	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.7	1.6	4.8	3.4
4814	4460637.02	5339986.77	504.77	1	D	A	73.9	-11.8	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.6	1.6	4.7	-15.1
4815	4460637.99	5339976.35	504.81	1	D	A	73.9	13.2	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.4	1.6	4.6	10.1
4816	4460639.54	5339959.82	504.88	1	D	A	73.9	10.9	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	0.4	1.6	7.3	5.0
4817	4460639.66	5339958.64	504.88	1	D	A	73.9	9.2	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.3	1.6	7.2	3.9
4818	4460640.08	5339954.07	504.90	1	D	A	73.9	-1.1	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.4	1.5	7.2	-6.4
4819	4460639.56	5339956.27	504.89	0	D	A	73.9	7.1	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	2.1	1.5	0.0	8.0
4820	4460638.35	5339968.99	504.84	0	D	A	73.9	13.1	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	3.4	1.5	0.0	12.5
4821	4460637.36	5339979.45	504.80	0	D	A	73.9	-2.1	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	3.1	1.5	0.0	-2.5
4822	4460636.09	5339992.86	504.75	0	D	A	73.9	14.2	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	2.3	1.5	0.0	14.5
4823	4460634.36	5340011.06	504.68	0	D	A	73.9	10.1	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	1.4	1.5	0.0	11.1
4824	4460633.83	5340016.69	504.65	0	D	A	73.9	0.2	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	1.1	1.5	0.0	1.4
4825	4460633.64	5340018.70	504.65	0	D	A	73.9	4.8	0.9	3.0	0.0	67.9	1.7	4.4	0.0	0.0	9.5	1.5	0.0	-2.4
4826	4460632.88	5340026.71	504.61	0	D	A	73.9	11.2	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	10.4	1.6	0.0	3.0
4828	4460639.78	5339953.94	504.90	1	D	A	73.9	-3.1	0.9	3.0	0.0	67.9	1.7	4.4	0.0	0.0	0.4	1.5	7.2	-8.4
4829	4460639.36	5339958.36	504.88	1	D	A	73.9	9.2	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.3	1.6	7.2	3.9
4831	4460633.94	5340015.54	504.66	1	D	A	73.9	4.9	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.2	-33.2
4833	4460633.72	5340017.83	504.65	1	D	A	73.9	1.9	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.2	-36.2
4835	4460633.63	5340018.78	504.65	1	D	A	73.9	-4.4	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.2	-42.4
4836	4460633.61	5340019.00	504.64	1	D	A	73.9	-10.7	0.9	3.0	0.0	69.3	2.0	4.5	0.0	0.0	0.3	1.6	38.3	-48.7
4840	4460634.07	5340014.19	504.66	2	D	A	73.9	2.6	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-37.1
4842	4460633.92	5340015.75	504.66	2	D	A	73.9	1.3	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-38.4
4844	4460633.78	5340017.21	504.65	2	D	A	73.9	2.0	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-37.7
4846	4460633.69	5340018.19	504.65	2	D	A	73.9	-4.3	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-43.9
4847	4460633.66	5340018.42	504.65	2	D	A	73.9	-10.5	0.9	3.0	0.0	69.4	2.0	4.5	0.0	0.0	0.3	1.6	39.7	-50.2
4856	4460639.25	5339959.46	504.88	1	D	A	73.9	10.6	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	0.4	1.6	7.3	4.7
4857	4460637.72	5339975.62	504.81	1	D	A	73.9	13.2	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.4	1.6	4.6	10.1
4858	4460636.51	5339988.39	504.76	1	D	A	73.9	6.8	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.6	1.6	4.8	3.5
4862	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	60.0	0.9	3.8	0.0	0.0	0.0	0.9	0.0	22.3
4863	4460667.63	5340082.13	504.42	0	D	A	73.9	4.1	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	0.0	5.7
4864	4460685.31	5340086.64	504.35	0	D	A	73.9	15.3	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.4	1.6	0.0	17.1
4865	4460711.34	5340093.29	504.24	0	D	A	73.9	13.0	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.4	1.5	0.0	14.9
4866	4460725.76	5340096.97	504.18	0	D	A	73.9	10.0	0.9	3.0	0.									

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4872	4460701.38	5340090.74	504.28	3	D	A	73.9	-9.7	0.9	3.0	0.0	69.0	1.9	4.5	0.0	0.0	0.3	1.6	39.6	-48.8
4873	4460702.19	5340090.95	504.28	1	D	A	73.9	1.5	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	0.4	1.6	35.7	-32.8
4874	4460705.02	5340091.67	504.27	1	D	A	73.9	6.5	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	0.3	1.6	35.8	-28.0
4875	4460718.85	5340095.21	504.21	2	D	A	73.9	4.5	0.9	3.0	0.0	68.7	1.9	4.5	0.0	0.0	0.3	1.6	37.7	-32.4
4876	4460694.48	5340088.98	504.31	3	D	A	73.9	1.6	0.9	3.0	0.0	69.1	1.9	4.5	0.0	0.0	0.3	1.6	39.7	-37.7
4877	4460695.75	5340089.31	504.30	3	D	A	73.9	0.8	0.9	3.0	0.0	69.1	1.9	4.5	0.0	0.0	0.3	1.6	39.7	-38.4
4878	4460675.16	5340084.05	504.39	1	D	A	73.9	-1.5	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.3	1.6	16.0	-16.0
4879	4460678.26	5340084.84	504.37	1	D	A	73.9	7.5	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.4	1.6	16.1	-7.1
4880	4460706.11	5340091.95	504.26	1	D	A	73.9	7.0	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	3.5	1.6	22.7	-17.3
4881	4460701.07	5340090.67	504.28	1	D	A	73.9	7.5	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	2.7	1.6	10.7	-4.1
4889	4460645.85	5339903.93	505.20	0	D	A	73.9	8.2	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	1.2	1.5	0.0	10.5
4890	4460644.10	5339918.31	505.11	0	D	A	73.9	13.5	0.9	3.0	0.0	67.0	1.6	4.4	0.0	0.0	1.4	1.5	0.0	15.5
4891	4460642.05	5339935.22	505.01	0	D	A	73.9	10.7	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	1.8	1.5	0.0	12.1
4892	4460641.15	5339942.61	504.97	0	D	A	73.9	5.0	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.3	1.5	0.0	5.8
4893	4460640.86	5339945.00	504.95	0	D	A	73.9	2.1	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.5	1.5	0.0	2.6
4894	4460640.65	5339946.74	504.94	0	D	A	73.9	2.7	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.7	1.5	0.0	3.0
4895	4460640.19	5339950.47	504.92	0	D	A	73.9	7.5	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.8	1.5	0.0	7.7
4896	4460639.83	5339953.48	504.90	0	D	A	73.9	-3.8	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	2.3	1.5	0.0	-3.2
4900	4460646.12	5339901.75	505.21	1	D	A	73.9	3.4	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.7	1.5	7.8	-2.8
4902	4460645.52	5339906.64	505.18	1	D	A	73.9	8.8	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.7	1.6	7.7	2.6
4906	4460640.66	5339946.65	504.94	1	D	A	73.9	6.0	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.4	1.5	7.2	0.7
4908	4460640.11	5339951.16	504.92	1	D	A	73.9	7.1	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.4	1.5	7.2	1.8
4910	4460642.69	5339929.91	505.04	1	D	A	73.9	16.8	0.9	3.0	0.0	68.6	1.9	4.4	0.0	0.0	0.9	1.6	18.2	-0.9
4911	4460640.12	5339953.67	504.90	0	D	A	73.9	-14.9	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	2.2	1.5	0.0	-14.2
4912	4460640.51	5339950.45	504.92	0	D	A	73.9	8.1	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.9	1.5	0.0	8.2
4913	4460640.99	5339946.41	504.94	0	D	A	73.9	2.3	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.8	1.5	0.0	2.6
4914	4460641.19	5339944.77	504.95	0	D	A	73.9	2.1	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.6	1.5	0.0	2.6
4915	4460641.54	5339941.89	504.97	0	D	A	73.9	6.2	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	2.4	1.5	0.0	6.9
4916	4460642.43	5339934.51	505.01	0	D	A	73.9	10.3	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	1.8	1.5	0.0	11.7
4917	4460644.40	5339918.12	505.11	0	D	A	73.9	13.5	0.9	3.0	0.0	66.9	1.6	4.4	0.0	0.0	1.4	1.5	0.0	15.4
4918	4460646.11	5339903.88	505.19	0	D	A	73.9	8.0	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	1.2	1.5	0.0	10.3
4919	4460640.41	5339951.28	504.91	1	D	A	73.9	6.8	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.4	1.5	7.2	1.5
4921	4460640.94	5339946.91	504.94	1	D	A	73.9	6.0	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.4	1.5	7.2	0.7
4923	4460645.89	5339905.74	505.18	1	D	A	73.9	10.0	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.7	1.5	7.7	3.8
4928	4460642.95	5339930.20	505.04	1	D	A	73.9	16.8	0.9	3.0	0.0	68.6	1.9	4.4	0.0	0.0	1.0	1.6	18.3	-1.1
4938	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	60.3	0.9	3.9	0.0	0.0	0.0	0.9	0.0	21.8
4939	4460647.22	5339892.92	505.27	0	D	A	73.9	12.0	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	1.9	1.5	0.0	13.8
4942	4460648.09	5339883.70	505.34	0	D	A	73.9	4.5	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	3.4	1.5	0.0	4.8
4944	4460649.44	5339869.35	505.45	0	D	A	73.9	14.2	0.9	3.0	0.0	66.5	1.6	4.4	0.0	0.0	3.3	1.5	0.0	14.8
4951	4460646.72	5339898.33	505.23	1	D	A	73.9	6.8	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.8	1.5	7.8	0.6
4953	4460647.06	5339894.70	505.26	1	D	A	73.9	3.9	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.8	1.5	7.9	-2.5
4954	4460648.40	5339880.41	505.37	1	D	A	73.9	14.2	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	1.1	1.5	5.1	10.6
4956	4460649.89	5339864.60	505.49	1	D	A	73.9	7.4	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	1.3	1.5	5.3	3.6
4958	4460650.28	5339860.41	505.52	1	D	A	73.9	4.6	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	1.3	1.5	5.3	0.8
4966	4460649.20	5339871.95	505.43	2	D	A	73.9	11.0	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.7	1.5	8.5	5.4
4968	4460649.92	5339864.29	505.49	2	D	A	73.9	4.5	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	2.2	1.5	10.6	-4.6
4969	4460648.98	5339869.40	505.45	0	D	A	73.9	14.2	0.9	3.0	0.0	66.5	1.6	4.4	0.0	0.0	3.3	1.5	0.0	14.8
4970	4460647.71	5339883.93	505.34	0	D	A	73.9	4.5	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	3.4	1.5	0.0	4.8
4971	4460646.92	5339892.99	505.28	0	D	A	73.9	11.9	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	1.8	1.5	0.0	13.7
4972	4460649.82	5339859.82	505.52	1	D	A	73.9	4.7	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	1.3	1.5	5.3	0.8
4973	4460649.45	5339864.04	505.49	1	D	A	73.9	7.4	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	1.3	1.5	5.3	3.6
4974	4460648.06	5339879.96	505.37	1	D	A	73.9	14.2	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	1.1	1.5	5.1	10.6
4975	4460646.90	5339893.25	505.27	1	D	A	73.9	-6.0	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.8	1.5	7.9	-12.3
4976	4460646.57	5339897.02	505.25	1	D	A	73.9	8.6	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.8	1.5	7.9	2.3
4978	4460649.40	5339864.60	505.49	2	D	A	73.9	4.5	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	2.2	1.5	10.6	-4.6
4979	4460648.73	5339872.23	505.43	2	D	A	73.9	11.0	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	0.7	1.5	8.5	5.3
4984	4460731.78	5340061.40	504.20	0	D	A	73.9	9.7	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	0.4	1.5	0.0	12.2
4987	4460721.45	5340063.60	504.26	0	D	A	73.9	10.7	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	0.0	13.2
4991	4460704.68	5340067.16	504.36	0	D	A	73.9	13.5	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	0.4	1.5	0.0	15.7
4993	4460688.50	5340070.59	504.45	0	D	A	73.9	10.3	0.9	3.0	0.0	67.8	1.7	4.4	0.0	0.0	0.4	1.5	0.0	12.3
4996	4460692.06	5340069.84	504.43	1	D	A	73.9	6.9	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.4	1.6	16.2	-7.7
4998	4460697.35	5340068.71	504.40	1	D	A	73.9	5.6	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.5	1.6	16.3	-9.2
5001	4460695.01	5340069.21	504.42	1	D	A	73.9	0.7	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.5	1.6	16.3	-14.0
5004	4460735.75	5340060.56	504.17	2	D	A	73.9	0.5	0.9	3.0	0.0	69.2	1.9							

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5011	4461171.89	5339847.12	503.90	0	D	A	73.9	1.7	0.9	3.0	0.0	59.8	0.9	3.8	0.0	0.0	0.9	0.9	0.0	13.2
5012	4461168.54	5339846.37	503.91	0	D	A	73.9	7.3	0.9	3.0	0.0	59.8	0.9	3.8	0.0	0.0	0.9	0.9	0.0	18.8
5030	4460741.76	5340101.16	504.13	0	D	A	73.9	12.3	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	9.8	1.5	0.0	4.9
5031	4460752.26	5340103.98	504.11	0	D	A	73.9	6.9	0.9	3.0	0.0	67.6	1.7	4.4	0.0	0.0	9.8	1.5	0.0	-0.3
5032	4460759.32	5340105.88	504.09	0	D	A	73.9	9.9	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	9.8	1.5	0.0	2.7
5033	4460765.83	5340107.63	504.08	0	D	A	73.9	5.8	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	9.7	1.5	0.0	-1.2
5034	4460767.88	5340108.18	504.08	0	D	A	73.9	-3.6	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	3.8	1.5	0.0	-4.8
5035	4460770.19	5340108.80	504.07	0	D	A	73.9	6.4	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	3.9	1.5	0.0	5.2
5036	4460765.55	5340107.55	504.08	1	D	A	73.9	10.0	0.9	3.0	0.0	67.7	1.7	4.4	0.0	0.0	0.4	1.5	15.7	-3.6
5037	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	60.2	0.9	3.9	0.0	0.0	0.9	0.9	0.0	18.9
5038	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6	0.9	3.0	0.0	60.0	0.9	3.9	0.0	0.0	0.9	0.9	0.0	18.8
5051	4461175.68	5339849.54	503.94	0	D	A	73.9	6.6	0.9	3.0	0.0	59.9	0.9	3.8	0.0	0.0	0.9	0.9	0.0	18.0
5052	4461173.87	5339847.73	503.91	0	D	A	73.9	-2.4	0.9	3.0	0.0	59.8	0.9	3.8	0.0	0.0	0.9	0.9	0.0	9.0
5081	4460681.01	5340072.02	504.49	0	D	A	73.9	6.6	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.4	1.5	0.0	8.5
5082	4460676.52	5340072.65	504.50	0	D	A	73.9	6.5	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.4	1.6	0.0	8.4
5083	4460671.41	5340073.38	504.51	0	D	A	73.9	7.7	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.4	1.6	0.0	9.4
5084	4460662.94	5340074.57	504.52	0	D	A	73.9	10.5	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.4	1.6	0.0	12.2
5085	4460657.13	5340075.39	504.53	0	D	A	73.9	-3.4	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	0.0	-1.8
5086	4460651.97	5340076.12	504.54	0	D	A	73.9	10.0	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.3	1.6	0.0	11.5
5087	4460674.47	5340072.94	504.50	1	D	A	73.9	6.8	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.4	1.6	16.1	-7.7
5088	4460671.80	5340073.32	504.51	1	D	A	73.9	-2.2	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	7.3	-7.8
5126	4460822.74	5340112.53	503.86	0	D	A	73.9	6.1	0.9	3.0	0.0	67.1	1.7	4.4	0.0	0.0	3.8	1.5	0.0	5.5
5127	4460832.93	5340105.06	503.87	0	D	A	73.9	13.3	0.9	3.0	0.0	67.0	1.6	4.4	0.0	0.0	0.0	1.5	0.0	16.6
5129	4460840.16	5340099.76	503.88	1	D	A	73.9	5.1	0.9	3.0	0.0	67.1	1.6	4.4	0.0	0.0	0.4	1.5	3.1	4.9
5130	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	60.5	1.0	3.9	0.0	0.0	0.0	0.9	0.0	18.6
5151	4460778.83	5340110.89	504.04	0	D	A	73.9	11.3	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	3.9	1.5	0.0	10.2
5153	4460787.12	5340112.82	504.02	0	D	A	73.9	5.5	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	3.5	1.5	0.0	4.9
5155	4460789.02	5340113.27	504.01	0	D	A	73.9	-4.9	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	0.0	-2.5
5156	4460791.98	5340113.96	504.00	0	D	A	73.9	7.6	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	0.0	10.1
5159	4460781.48	5340111.51	504.04	1	D	A	73.9	5.8	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	3.3	1.5	7.2	-2.0
5160	4460785.33	5340112.41	504.02	1	D	A	73.9	6.1	0.9	3.0	0.0	67.5	1.7	4.4	0.0	0.0	0.4	1.5	4.5	4.0
5185	4460645.20	5340076.83	504.55	0	D	A	73.9	-3.2	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.8	1.6	0.0	-2.2
5186	4460649.47	5340077.83	504.53	0	D	A	73.9	9.2	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.3	1.6	0.0	10.7
5187	4460653.67	5340078.82	504.50	0	D	A	73.9	-4.9	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.3	1.6	0.0	-3.4
5188	4460659.23	5340080.13	504.47	0	D	A	73.9	10.5	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	0.0	12.0
5189	4460665.20	5340081.53	504.43	0	D	A	73.9	0.5	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	0.0	2.2
5190	4460666.07	5340081.74	504.43	0	D	A	73.9	-1.8	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	0.0	-0.2
5192	4460631.28	5340043.42	504.57	0	D	A	73.9	13.1	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	6.0	1.6	0.0	9.1
5193	4460630.90	5340043.34	504.56	0	D	A	73.9	13.1	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	6.0	1.6	0.0	9.1
5194	4460797.18	5340114.85	503.96	0	D	A	73.9	6.8	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	0.0	9.3
5195	4460804.18	5340115.53	503.89	0	D	A	73.9	9.7	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	3.5	1.5	0.0	9.1
5220	4460629.56	5340054.34	504.53	0	D	A	73.9	2.4	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	3.6	1.6	0.0	0.7
5221	4460629.80	5340061.03	504.52	0	D	A	73.9	10.7	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	4.0	1.6	0.0	8.5
5224	4460630.18	5340060.79	504.52	0	D	A	73.9	10.7	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	4.1	1.6	0.0	8.5
5225	4460629.93	5340054.23	504.54	0	D	A	73.9	1.2	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	3.7	1.6	0.0	-0.6
5227	4460646.41	5340076.68	504.55	0	D	A	73.9	1.1	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.3	1.6	0.0	2.6
5228	4460645.43	5340076.46	504.54	0	D	A	73.9	-1.4	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.8	1.6	0.0	-0.4
5229	4460641.29	5340075.53	504.52	0	D	A	73.9	8.9	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	1.2	1.6	0.0	9.5
5230	4460636.13	5340074.38	504.49	0	D	A	73.9	4.4	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	1.6	1.6	0.0	4.6
5233	4460635.68	5340074.73	504.50	0	D	A	73.9	4.7	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	1.5	1.6	0.0	4.8
5234	4460640.92	5340075.88	504.53	0	D	A	73.9	8.9	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	1.2	1.6	0.0	9.5
5235	4460644.85	5340076.75	504.55	0	D	A	73.9	-6.2	0.9	3.0	0.0	68.2	1.8	4.4	0.0	0.0	0.8	1.6	0.0	-5.2
5237	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	5.8	1.5	0.0	6.2
5263	4460632.13	5340070.63	504.49	0	D	A	73.9	9.4	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	2.7	1.6	0.0	8.4
5265	4460632.59	5340070.38	504.49	0	D	A	73.9	9.3	0.9	3.0	0.0	68.3	1.8	4.4	0.0	0.0	2.8	1.6	0.0	8.3
5277	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	5.0	1.5	0.0	4.9
5278	4460812.05	5340116.03	503.84	1	D	A	73.9	2.0	0.9	3.0	0.0	67.4	1.7	4.4	0.0	0.0	0.4	1.5	0	

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5013	4460779.33	5339853.80	505.14	0	D	A	72.2	12.2	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	12.4	1.3	0.0	4.4
5014	4460765.57	5339850.71	505.14	0	D	A	72.2	10.6	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	12.1	1.4	0.0	2.9
5015	4460757.18	5339848.82	505.15	0	D	A	72.2	7.5	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	11.9	1.4	0.0	-0.1
5016	4460785.18	5339855.12	505.13	2	D	A	72.2	6.7	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	5.6	1.4	7.3	-2.0
5017	4460780.25	5339854.01	505.14	2	D	A	72.2	7.4	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	5.5	1.4	7.2	-1.3

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
5018	4460777.37	5339853.36	505.14	2	D	A	72.2	-3.6	0.9	3.0	0.0	65.0	1.4	4.3	0.0	0.0	5.5	1.4	7.2	-12.2
5053	4460651.36	5339827.01	505.32	0	D	A	72.2	12.2	0.9	3.0	0.0	66.2	1.5	4.3	0.0	0.0	4.5	1.5	0.0	10.2
5054	4460650.93	5339839.36	505.42	0	D	A	72.2	9.2	0.9	3.0	0.0	66.3	1.5	4.3	0.0	0.0	4.4	1.5	0.0	7.2
5055	4460650.61	5339848.59	505.49	0	D	A	72.2	10.1	0.9	3.0	0.0	66.4	1.6	4.3	0.0	0.0	4.5	1.5	0.0	7.9
5056	4460650.39	5339854.85	505.54	0	D	A	72.2	3.7	0.9	3.0	0.0	66.4	1.6	4.3	0.0	0.0	4.5	1.5	0.0	1.5
5063	4460650.81	5339842.78	505.45	1	D	A	72.2	11.8	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	1.5	1.5	5.5	6.1
5068	4460696.00	5339829.81	505.19	0	D	A	72.2	3.6	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	15.5	1.4	0.0	-8.5
5069	4460697.27	5339823.58	505.21	0	D	A	72.2	10.2	0.9	3.0	0.0	65.5	1.5	4.3	0.0	0.0	15.3	1.4	0.0	-1.7
5070	4460699.15	5339814.36	505.25	0	D	A	72.2	9.2	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	12.8	1.4	0.0	-0.0
5071	4460700.88	5339805.83	505.28	0	D	A	72.2	9.5	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	9.7	1.4	0.0	3.4
5072	4460697.34	5339823.24	505.21	1	D	A	72.2	9.5	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	4.3	1.5	9.1	-2.6
5073	4460698.67	5339816.68	505.24	1	D	A	72.2	6.5	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	4.5	1.5	9.2	-5.8
5074	4460699.22	5339813.98	505.25	1	D	A	72.2	0.0	0.9	3.0	0.0	67.2	1.7	4.4	0.0	0.0	4.6	1.5	9.3	-12.5
5076	4460696.68	5339826.49	505.20	2	D	A	72.2	7.8	0.9	3.0	0.0	67.3	1.7	4.4	0.0	0.0	4.1	1.5	9.9	-5.1
5079	4460700.41	5339808.13	505.27	1	D	A	72.2	3.7	0.9	3.0	0.0	65.5	1.4	4.3	0.0	0.0	12.6	1.4	14.6	-20.0
5080	4460700.80	5339806.24	505.27	1	D	A	72.2	1.9	0.9	3.0	0.0	65.5	1.4	4.3	0.0	0.0	12.5	1.4	14.6	-21.8
5089	4460658.26	5339802.94	505.26	0	D	A	72.2	14.9	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	7.7	1.4	0.0	10.1
5090	4460651.98	5339818.01	505.26	0	D	A	72.2	2.4	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	5.4	1.4	0.0	-0.4
5093	4460663.87	5339789.49	505.26	1	D	A	72.2	2.5	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	5.6	1.5	7.2	-8.3
5099	4460731.49	5339842.36	505.15	0	D	A	72.2	12.6	0.9	3.0	0.0	65.2	1.4	4.3	0.0	0.0	11.6	1.4	0.0	4.8
5100	4460718.49	5339838.67	505.16	0	D	A	72.2	9.5	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	12.8	1.4	0.0	0.4
5101	4460726.03	5339840.81	505.15	1	D	A	72.2	3.2	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	12.7	1.4	37.1	-43.1
5102	4460718.91	5339838.79	505.16	1	D	A	72.2	10.0	0.9	3.0	0.0	65.5	1.4	4.3	0.0	0.0	7.2	1.4	1.0	5.1
5103	4460819.50	5339864.98	505.10	0	D	A	72.2	7.9	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	13.2	1.3	0.0	-0.2
5104	4460814.07	5339862.79	505.12	0	D	A	72.2	7.4	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	12.7	1.3	0.0	-0.3
5105	4460807.14	5339859.99	505.14	0	D	A	72.2	9.8	0.9	3.0	0.0	64.3	1.3	4.2	0.0	0.0	13.0	1.3	0.0	1.7
5106	4460803.28	5339858.43	505.15	1	D	A	72.2	0.6	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	8.4	1.3	6.3	-9.4
5114	4460817.46	5339864.16	505.11	1	D	A	72.2	10.3	0.9	3.0	0.0	64.3	1.3	4.2	0.0	0.0	10.2	1.3	6.7	-1.6
5115	4460811.32	5339861.68	505.13	1	D	A	72.2	4.2	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	9.8	1.3	6.6	-7.4
5116	4460806.93	5339859.91	505.14	1	D	A	72.2	8.3	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	8.8	1.3	6.4	-2.1
5118	4460819.65	5339865.04	505.10	2	D	A	72.2	7.7	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	6.6	1.3	10.5	-4.8
5119	4460817.31	5339864.10	505.11	3	D	A	72.2	10.4	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	5.4	1.3	10.7	-1.2
5120	4460811.57	5339861.78	505.13	3	D	A	72.2	1.5	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	5.2	1.4	10.6	-9.8
5121	4460814.13	5339862.81	505.12	2	D	A	72.2	7.8	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	6.7	1.3	10.6	-4.9
5122	4460807.66	5339860.20	505.14	2	D	A	72.2	9.0	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	6.8	1.3	10.6	-3.9
5123	4460803.37	5339858.47	505.15	2	D	A	72.2	1.3	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	6.8	1.3	10.7	-11.7
5124	4460803.43	5339858.49	505.15	3	D	A	72.2	1.7	0.9	3.0	0.0	64.9	1.4	4.2	0.0	0.0	4.9	1.4	10.4	-9.4
5125	4460807.49	5339860.13	505.14	3	D	A	72.2	8.7	0.9	3.0	0.0	64.8	1.4	4.2	0.0	0.0	5.1	1.4	10.5	-2.5
5131	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	65.4	1.4	4.3	0.0	0.0	13.2	1.4	0.0	4.1
5132	4460691.91	5339789.34	505.49	1	D	A	72.2	10.7	0.9	3.0	0.0	66.8	1.6	4.4	0.0	0.0	5.8	1.5	10.0	-3.4
5133	4460682.68	5339785.81	505.47	1	D	A	72.2	9.1	0.9	3.0	0.0	66.7	1.6	4.4	0.0	0.0	6.3	1.5	10.2	-5.5
5134	4460677.34	5339783.77	505.47	1	D	A	72.2	5.2	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	6.4	1.5	10.2	-9.4
5136	4460696.37	5339791.04	505.49	2	D	A	72.2	5.7	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	4.8	1.4	13.2	-9.2
5137	4460697.02	5339791.29	505.49	2	D	A	72.2	1.9	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	5.0	1.4	9.2	-9.2
5139	4460692.88	5339789.71	505.49	2	D	A	72.2	8.6	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	5.0	1.4	9.2	-2.5
5141	4460688.54	5339788.05	505.48	1	D	A	72.2	3.0	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	7.3	1.4	42.4	-43.7
5142	4460686.20	5339787.16	505.48	1	D	A	72.2	4.8	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	6.9	1.4	42.2	-41.4
5145	4460695.43	5339790.68	505.49	3	D	A	72.2	-2.8	0.9	3.0	0.0	68.0	1.8	4.4	0.0	0.0	0.3	1.6	9.3	-12.0
5146	4460690.01	5339788.61	505.48	3	D	A	72.2	10.4	0.9	3.0	0.0	67.9	1.8	4.4	0.0	0.0	0.3	1.6	9.3	1.3
5163	4460799.60	5339857.69	505.15	0	D	A	72.2	8.0	0.9	3.0	0.0	64.4	1.3	4.2	0.0	0.0	13.2	1.3	0.0	-0.3
5164	4460791.96	5339856.40	505.14	0	D	A	72.2	9.6	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	12.8	1.3	0.0	1.5
5166	4460797.84	5339857.39	505.14	1	D	A	72.2	10.0	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	8.4	1.3	1.0	5.1
5167	4460790.55	5339856.16	505.14	1	D	A	72.2	6.9	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	8.6	1.3	1.0	1.8
5168	4460787.97	5339855.72	505.13	1	D	A	72.2	-4.1	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	8.6	1.3	1.0	-9.2
5169	4460791.35	5339856.29	505.14	2	D	A	72.2	9.0	0.9	3.0	0.0	64.8	1.4	4.3	0.0	0.0	5.7	1.4	7.3	0.2
5170	4460802.24	5339858.13	505.15	2	D	A	72.2	0.1	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	6.8	1.3	10.7	-12.9
5171	4460800.07	5339857.76	505.15	2	D	A	72.2	5.3	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	6.4	1.4	10.5	-7.1
5172	4460796.74	5339857.20	505.14	2	D	A	72.2	5.3	0.9	3.0	0.0	64.7	1.4	4.2	0.0	0.0	6.0	1.4	10.2	-6.5
5173	4460799.25	5339857.63	505.15	3	D	A	72.2	8.5	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	4.9	1.4	10.4	-2.6
5174	4460794.82	5339856.88	505.14	3	D	A	72.2	2.8	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	4.9	1.4	10.4	-8.4
5175	4460793.66	5339856.68	505.14	3	D	A	72.2	-3.3	0.9	3.0	0.0	64.9	1.4	4.3	0.0	0.0	4.9	1.4	10.4	-14.6
5176	4460791.92	5339856.39	505.14	3	D	A	72.2	4.9	0.9	3.0	0.0	65.0	1.4	4.3	0.0	0.0	4.7	1.4	10.3	-6.0
5177	4460789.21	5339855.93	505.13	3	D	A	72.2	3.9	0.9	3.0	0.0	65.0	1.4	4.3	0.0	0.0	4.3	1.4	9.9	-6.2
5191	4460747.29	5339846.50	505.14	0	D	A	72.2	11.7	0.9	3.0	0.0	65.								

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5212	4460713.33	5339837.70	505.16	1	D	A	72.2	2.4	0.9	3.0	0.0	65.5	1.5	4.3	0.0	0.0	7.3	1.4	1.0	-2.5
5213	4460711.53	5339838.28	505.14	1	D	A	72.2	3.1	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	8.9	1.4	1.0	-3.5
5214	4460707.82	5339839.48	505.10	2	D	A	72.2	9.8	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	4.4	1.4	6.5	2.0
5243	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	65.6	1.5	4.3	0.0	0.0	9.6	1.4	0.0	2.5
5247	4460674.13	5339783.67	505.44	1	D	A	72.2	5.4	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	6.5	1.5	10.3	-9.3
5248	4460672.09	5339784.30	505.40	1	D	A	72.2	-0.7	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	5.8	1.5	10.3	-14.8
5250	4460670.07	5339784.92	505.37	1	D	A	72.2	5.3	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	5.8	1.5	7.3	-5.7
5258	4460700.29	5339796.00	505.41	0	D	A	72.2	4.8	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	12.0	1.4	0.0	-3.5
5259	4460698.85	5339793.18	505.47	0	D	A	72.2	5.2	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	12.8	1.4	0.0	-3.9
5260	4460699.13	5339793.73	505.46	2	D	A	72.2	6.6	0.9	3.0	0.0	65.8	1.5	4.3	0.0	0.0	4.7	1.4	13.1	-8.2
5261	4460700.28	5339795.99	505.41	3	D	A	72.2	4.9	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	9.3	-4.5
5262	4460699.46	5339794.37	505.44	3	D	A	72.2	-2.5	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	9.3	-11.9
5273	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	8.8	1.4	0.0	1.7
5274	4460668.32	5339785.52	505.34	1	D	A	72.2	-4.7	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	5.8	1.5	7.3	-15.6
5275	4460666.20	5339787.15	505.29	1	D	A	72.2	7.0	0.9	3.0	0.0	66.6	1.6	4.4	0.0	0.0	5.7	1.5	7.3	-3.9
5281	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	12.4	1.3	0.0	-2.2
5282	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	64.2	1.3	4.2	0.0	0.0	11.0	1.3	1.0	-1.8
5283	4460822.09	5339867.74	505.08	2	D	A	72.2	5.1	0.9	3.0	0.0	64.5	1.3	4.2	0.0	0.0	6.3	1.3	10.4	-6.9
5284	4460822.09	5339867.74	505.08	3	D	A	72.2	5.1	0.9	3.0	0.0	64.6	1.3	4.2	0.0	0.0	5.8	1.3	11.0	-7.1
5285	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	65.3	1.4	4.3	0.0	0.0	11.2	1.4	0.0	-1.4
5286	4460701.38	5339799.40	505.34	3	D	A	72.2	6.2	0.9	3.0	0.0	68.1	1.8	4.4	0.0	0.0	0.3	1.6	9.3	-3.3

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5215	4460701.92	5339846.26	505.02	0	D	A	67.4	9.7	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	8.6	1.4	0.0	-0.5
5216	4460700.48	5339852.20	505.00	0	D	A	67.4	4.6	0.9	3.0	0.0	65.7	1.5	4.3	0.0	0.0	12.2	1.4	0.0	-9.3
5217	4460697.65	5339863.95	504.94	0	D	A	67.4	13.3	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	9.7	1.4	0.0	1.8
5218	4460702.71	5339843.00	505.04	2	D	A	67.4	4.3	0.9	3.0	0.0	65.9	1.5	4.3	0.0	0.0	3.8	1.4	8.5	-9.8
5239	4460695.03	5339874.85	504.90	0	D	A	67.4	0.4	0.9	3.0	0.0	66.0	1.5	4.3	0.0	0.0	6.6	1.4	0.0	-8.1
5240	4460692.66	5339886.15	504.81	0	D	A	67.4	13.4	0.9	3.0	0.0	66.1	1.5	4.3	0.0	0.0	2.0	1.4	0.0	9.4
5241	4460690.10	5339898.36	504.72	0	D	A	67.4	4.8	0.9	3.0	0.0	66.2	1.5	4.4	0.0	0.0	1.4	1.5	0.0	1.1
5287	4460690.22	5339904.41	504.68	0	D	A	67.4	9.6	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.2	1.5	0.0	6.1
5288	4460690.70	5339909.37	504.64	0	D	A	67.4	-1.2	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	-4.7
5289	4460690.81	5339909.96	504.63	0	D	A	67.4	-3.4	0.9	3.0	0.0	66.3	1.5	4.4	0.0	0.0	1.1	1.5	0.0	-6.9
5290	4460692.42	5339914.47	504.47	0	D	A	67.4	9.6	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	3.1	1.5	0.0	4.1
5291	4460693.95	5339918.78	504.32	0	D	A	67.4	-13.1	0.9	3.0	0.0	66.4	1.6	4.4	0.0	0.0	1.0	1.5	0.0	-16.5

Immissionspunkt
 Bez.: IO 8 Docen 3
 ID: IO
 X: 4461412.53 m
 Y: 5339880.64 m
 Z: 507.24 m

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
5292	4461007.10	5339887.66	504.48	0	D	A	90.2	22.4	0.9	3.0	0.0	63.2	1.2	4.5	0.0	0.0	1.1	1.7	0.0	44.8
5293	4460845.95	5339955.09	504.41	0	D	A	90.2	22.4	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.4	1.8	0.0	42.1
5294	4460750.11	5339995.21	504.37	0	D	A	90.2	15.2	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.2	1.8	0.0	33.4
5295	4461001.48	5339890.01	504.47	1	D	A	90.2	4.2	0.9	3.0	0.0	65.7	1.5	4.6	0.0	0.0	0.2	1.8	29.6	-4.9
5296	4460983.36	5339897.59	504.47	1	D	A	90.2	15.6	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	29.2	7.1
5297	4461062.09	5339864.64	504.50	1	D	A	90.2	17.4	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	0.2	1.7	4.1	34.8
5298	4461060.02	5339865.51	504.50	1	D	A	90.2	17.8	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	3.5	1.8	11.6	23.5
5299	4460973.05	5339901.90	504.46	1	D	A	90.2	12.9	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.7	1.8	4.7	28.1
5300	4460991.48	5339894.19	504.47	1	D	A	90.2	13.1	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.2	1.8	4.3	29.0
5302	4460906.04	5339929.95	504.43	1	D	A	90.2	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.9	1.8	16.2	-91.5
5304	4460917.43	5339925.18	504.44	1	D	A	90.2	7.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.2	1.8	19.3	4.1
5305	4460912.17	5339927.38	504.44	1	D	A	90.2	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	1.3	1.8	19.5	4.7
5307	4460918.51	5339924.73	504.44	1	D	A	90.2	0.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.0	1.8	9.9	7.6
5308	4460916.33	5339925.64	504.44	1	D	A	90.2	5.5	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.8	1.8	8.1	15.4
5309	4460914.25	5339926.51	504.44	1	D	A	90.2	-0.2	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.6	1.8	7.9	10.1
5310	4460912.83	5339927.11	504.44	1	D	A	90.2	3.3	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.5	1.8	7.7	13.9
5311	4460910.64	5339928.02	504.44	1	D	A	90.2	4.1	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.3	1.8	7.3	15.4
5312	4460911.16	5339927.81	504.44	3	D	A	90.2	3.2	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.2	1.8	17.7	4.0
5313	4460909.98	5339928.30	504.44	3	D	A	90.2	-3.4	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.2	1.8	17.7	-2.7
5315	4460923.62	5339922.59	504.44	1	D	A	90.2	3.3	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.1	1.8	10.0	10.0
5316	4460920.87	5339923.74	504.44	1	D	A	90.2	5.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.2	1.8	10.1	12.2
5317	4460884.24	5339939.07	504.42	2	D	A	90.2	5.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.9	1.8	41.3	-18.8
5318	4460937.61	5339916.74	504.45	2	D	A	90.2	0.6	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.1	1.8	31.4	-10.8
5319	4460983.13	5339897.69	504.47	2	D	A	90.2	1.1	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.1	1.8	01.0	-81.0
5320	4460935.30	5339917.70	504.45	2	D	A	90.2	5.3	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.1	1.8	31.4	-6.1
5321	4460845.92	5339955.11	504.41	1	D	A	90.2	9.8	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	93.9	-64.4
5322	4460841.26	5339957.06	504.41	1	D	A	90.2	-3.2	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	94.4	-78.0
5323	4460923.45	5339922.66	504.44	1	D	A	90.2	3.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.2	1.8	29.3	-4.8
5324	4460920.98	5339923.69	504.44	1	D	A	90.2	7.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	14.9	12.3
5325	4460885.96	5339938.35	504.43	2	D	A	90.2	3.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.1	1.8	32.3	-9.4
5327	4460884.30	5339939.05	504.42	2	D	A	90.2	1.4	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.1	1.8	32.3	-11.4
5328	4461047.84	5339870.60	504.49	1	D	A	90.2	14.1	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	4.0	1.8	12.3	16.2
5329	4461032.86	5339876.87	504.49	1	D	A	90.2	8.5	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	2.7	1.8	10.7	13.7
5330	4461026.15	5339879.68	504.48	1	D	A	90.2	8.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	1.4	1.8	5.6	20.5
5331	4461021.70	5339881.54	504.48	1	D	A	90.2	3.2	0.9	3.0	0.0	67.2	1.7	4.7	0.0	0.0	0.5	1.8	4.8	16.7
5332	4461022.54	5339881.19	504.48	3	D	A	90.2	3.0	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.3	1.8	18.2	2.8
5333	4461028.86	5339878.55	504.49	3	D	A	90.2	8.2	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	1.1	1.8	21.2	3.3
5334	4461025.10	5339880.12	504.48	3	D	A	90.2	2.0	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.4	1.8	19.2	-0.1
5335	4461073.86	5339859.71	504.50	1	D	A	90.2	14.8	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	2.4	1.8	10.5	20.0
5336	4460734.93	5340001.56	504.36	1	D	A	90.2	-6.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	18.3	-108.4
5337	4460738.23	5340000.18	504.36	1	D	A	90.2	4.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.7	1.8	11.0	8.5
5338	4460735.84	5340001.18	504.36	1	D	A	90.2	3.4	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.6	1.8	11.0	7.2
5339	4460929.57	5339902.02	504.36	0	D	A	90.2	23.2	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.2	1.7	0.0	44.7
5340	4460887.27	5339919.82	504.36	1	D	A	90.2	7.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	1.8	1.8	41.4	-17.5
5341	4460893.14	5339917.35	504.36	1	D	A	90.2	7.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	2.6	1.8	21.7	1.3
5342	4460898.23	5339915.21	504.36	1	D	A	90.2	7.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	3.0	1.8	22.3	-0.4
5343	4460954.20	5339891.65	504.37	1	D	A	90.2	12.7	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	3.1	1.8	4.6	26.1
5344	4460971.83	5339884.23	504.37	1	D	A	90.2	12.9	0.9	3.0	0.0	65.5	1.4	4.6	0.0	0.0	0.8	1.8	4.9	28.1
5346	4460892.52	5339917.62	504.36	1	D	A	90.2	4.0	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	0.8	1.8	8.0	14.4
5347	4460894.63	5339916.73	504.36	1	D	A	90.2	3.2	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	1.6	1.8	9.4	11.3
5348	4460896.00	5339916.15	504.36	1	D	A	90.2	-0.4	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	1.9	1.8	9.7	7.2
5349	4460898.00	5339915.31	504.36	1	D	A	90.2	5.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.3	1.8	10.3	11.8
5350	4460900.11	5339914.42	504.36	1	D	A	90.2	0.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	3.9	1.8	12.1	3.7
5351	4460891.80	5339917.92	504.36	3	D	A	90.2	-3.6	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.4	1.8	18.3	-3.3
5352	4460892.94	5339917.44	504.36	3	D	A	90.2	3.1	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	0.4	1.8	18.2	3.5
5354	4460902.38	5339913.46	504.36	1	D	A	90.2	5.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	4.2	1.8	12.4	8.1
5356	4460905.03	5339912.35	504.36	1	D	A	90.2	3.2	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	4.0	1.8	12.1	6.1

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
5359	4460890.75	5339918.36	504.36	2	D	A	90.2	5.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	3.7	1.8	23.5	-2.7
5360	4460903.08	5339913.17	504.36	1	D	A	90.2	7.5	0.9	3.0	0.0	66.1	1.5	4.6	0.0	0.0	0.1	1.8	6.8	20.6
5361	4460891.80	5339917.92	504.36	2	D	A	90.2	3.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.1	1.8	15.8	7.4
5363	4460890.20	5339918.59	504.36	2	D	A	90.2	1.3	0.9	3.0	0.0	66.2	1.5	4.6	0.0	0.0	0.1	1.8	15.8	5.4
5365	4460929.91	5339901.88	504.36	2	D	A	90.2	5.2	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.1	1.8	15.6	9.9
5366	4460932.04	5339900.98	504.36	2	D	A	90.2	0.5	0.9	3.0	0.0	65.8	1.5	4.6	0.0	0.0	0.1	1.8	15.6	5.2
5369	4460977.58	5339881.80	504.37	2	D	A	90.2	1.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.1	1.8	33.3	-13.2
5370	4460881.02	5339922.46	504.36	1	D	A	90.2	-3.5	0.9	3.0	0.0	65.6	1.5	4.6	0.0	0.0	0.2	1.8	14.5	2.5
5372	4460885.28	5339920.66	504.36	1	D	A	90.2	9.4	0.9	3.0	0.0	65.5	1.5	4.6	0.0	0.0	0.2	1.8	14.4	15.6
5373	4460912.03	5339909.40	504.36	1	D	A	90.2	3.8	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	14.3	10.5
5383	4460964.24	5339887.42	504.37	1	D	A	90.2	15.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	14.2	22.4
5384	4460981.58	5339880.12	504.37	1	D	A	90.2	4.0	0.9	3.0	0.0	65.3	1.4	4.6	0.0	0.0	0.2	1.8	28.9	-4.0
5387	4461020.34	5339863.80	504.38	1	D	A	90.2	9.9	0.9	3.0	0.0	64.0	1.3	4.6	0.0	0.0	0.2	1.7	2.9	29.3
5389	4461018.16	5339864.72	504.38	1	D	A	90.2	11.6	0.9	3.0	0.0	64.8	1.4	4.6	0.0	0.0	8.1	1.7	10.8	14.4
5391	4461000.09	5339872.33	504.37	1	D	A	90.2	3.1	0.9	3.0	0.0	66.9	1.6	4.7	0.0	0.0	1.0	1.8	5.2	16.0
5393	4461004.36	5339870.53	504.37	1	D	A	90.2	8.6	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	2.5	1.8	6.7	18.4
5394	4461010.81	5339867.82	504.37	1	D	A	90.2	8.3	0.9	3.0	0.0	67.0	1.6	4.7	0.0	0.0	4.6	1.8	8.4	14.3
5396	4461019.37	5339864.21	504.38	1	D	A	90.2	10.7	0.9	3.0	0.0	67.1	1.6	4.7	0.0	0.0	8.2	1.8	10.1	11.3
5398	4461000.77	5339872.04	504.37	3	D	A	90.2	2.8	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.5	1.8	9.7	11.3
5406	4461002.84	5339871.17	504.37	3	D	A	90.2	1.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.8	1.8	10.4	8.4
5408	4461006.46	5339869.65	504.37	3	D	A	90.2	8.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	2.2	1.8	12.4	11.1
5410	4460762.09	5339929.21	504.37	0	D	A	90.2	18.2	0.9	3.0	0.0	67.3	1.7	4.7	0.0	0.0	0.1	1.8	0.0	36.8
5411	4461114.05	5339834.15	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	0.1	1.6	0.0	35.4
5412	4461116.88	5339827.17	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	1.5	1.6	0.0	33.9
5413	4461117.91	5339819.83	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	2.1	1.6	0.0	33.2
5414	4461109.61	5339840.23	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	60.7	1.0	4.4	0.0	0.0	0.1	1.6	0.0	35.2
5415	4461114.65	5339805.59	504.40	0	D	A	90.2	8.8	0.9	3.0	0.0	60.7	1.0	4.4	0.0	0.0	0.9	1.6	0.0	34.3
5416	4461117.11	5339812.56	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	60.6	1.0	4.4	0.0	0.0	1.4	1.6	0.0	33.8
5417	4461103.97	5339845.13	504.42	0	D	A	90.2	8.7	0.9	3.0	0.0	60.8	1.0	4.4	0.0	0.0	0.3	1.6	0.0	34.7
5418	4461097.62	5339848.99	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	61.0	1.0	4.4	0.0	0.0	0.4	1.6	0.0	34.4
5419	4461097.62	5339848.99	504.44	1	D	A	90.2	8.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.7	23.0
5420	4461110.80	5339799.37	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	60.9	1.0	4.4	0.0	0.0	0.7	1.6	0.0	34.1
5421	4461110.80	5339799.37	504.41	1	D	A	90.2	8.6	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.7	22.9
5422	4461090.99	5339852.30	504.47	0	D	A	90.2	8.7	0.9	3.0	0.0	61.2	1.0	4.4	0.0	0.0	0.3	1.6	0.0	34.3
5423	4461090.99	5339852.30	504.47	1	D	A	90.2	8.7	0.9	3.0	0.0	65.2	1.4	4.6	0.0	0.0	0.2	1.8	6.7	23.1
5424	4461105.75	5339794.42	504.41	0	D	A	90.2	8.5	0.9	3.0	0.0	61.1	1.0	4.5	0.0	0.0	0.5	1.6	0.0	34.0
5425	4461105.75	5339794.42	504.41	1	D	A	90.2	8.5	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.2	1.8	6.7	22.9
5426	4461099.59	5339790.80	504.41	0	D	A	90.2	8.6	0.9	3.0	0.0	61.3	1.0	4.5	0.0	0.0	0.4	1.6	0.0	34.0
5427	4461099.59	5339790.80	504.41	1	D	A	90.2	8.6	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	0.2	1.7	6.7	23.1
5428	4461092.78	5339788.79	504.40	0	D	A	90.2	8.5	0.9	3.0	0.0	61.4	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.7
5429	4461092.78	5339788.79	504.40	1	D	A	90.2	8.5	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	0.3	1.7	6.9	22.8
5430	4461085.74	5339788.46	504.38	0	D	A	90.2	8.5	0.9	3.0	0.0	61.6	1.0	4.5	0.0	0.0	0.3	1.6	0.0	33.6
5431	4461085.74	5339788.46	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	64.7	1.4	4.6	0.0	0.0	0.5	1.7	7.2	22.4
5432	4461078.81	5339789.60	504.40	0	D	A	90.2	8.4	0.9	3.0	0.0	61.8	1.1	4.5	0.0	0.0	0.3	1.6	0.0	33.3
5433	4461078.81	5339789.60	504.40	1	D	A	90.2	8.4	0.9	3.0	0.0	64.6	1.3	4.6	0.0	0.0	1.1	1.7	5.1	24.1
5434	4461072.30	5339792.26	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	61.9	1.1	4.5	0.0	0.0	0.3	1.6	0.0	33.3
5435	4461072.30	5339792.26	504.40	1	D	A	90.2	8.6	0.9	3.0	0.0	64.5	1.3	4.6	0.0	0.0	1.5	1.7	5.4	23.6
5438	4461066.51	5339796.35	504.39	0	D	A	90.2	8.5	0.9	3.0	0.0	62.0	1.1	4.5	0.0	0.0	0.3	1.6	0.0	33.1
5439	4461066.51	5339796.35	504.39	1	D	A	90.2	8.5	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	2.0	1.7	6.0	22.6
5440	4461055.50	5339814.36	504.44	0	D	A	90.2	8.7	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	0.3	1.7	0.0	33.1
5441	4461054.68	5339816.91	504.43	1	D	A	90.2	3.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.0	1.8	9.1	10.3
5442	4461054.63	5339817.07	504.43	1	D	A	90.2	2.3	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	1.5	1.7	5.4	17.7
5444	4461055.76	5339813.55	504.45	1	D	A	90.2	7.5	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	2.6	1.7	6.9	20.2
5446	4461049.71	5339835.38	504.40	0	D	A	90.2	8.7	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	0.3	1.7	0.0	33.1
5448	4461049.71	5339835.38	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.6
5449	4461049.71	5339835.38	504.40	1	D	A	90.2	8.7	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.1	1.8	9.1	15.8
5450	4461046.31	5339842.01	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	62.3	1.1	4.5	0.0	0.0	0.3	1.7	0.0	33.0
5451	4461046.31	5339842.01	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.6
5452	4461046.31	5339842.01	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.2	1.8	9.2	15.6
5453	4461052.18	5339828.45	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	0.3	1.7	0.0	33.0
5454	4461052.18	5339828.45	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	64.4	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.5
5455	4461052.18	5339828.45	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	5.0	1.8	9.0	15.8
5456	4461058.19	5339807.61	504.45	0	D	A	90.2	8.6	0.9	3.0	0.0	62.2	1.1	4.5	0.0	0.0	0.3	1.7	0.0	33.0
5457	4461058.19	5339807.61	504.45	1	D	A	90.2	8.6	0.9	3.0	0.0									

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5462	4461053.77	5339821.41	504.38	1	D	A	90.2	8.5	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.4
5463	4461042.16	5339848.16	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	0.3	1.7	0.0	32.8
5464	4461042.16	5339848.16	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.6
5465	4461042.16	5339848.16	504.39	1	D	A	90.2	8.7	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.5	1.7	9.4	15.1
5466	4461037.64	5339853.26	504.39	0	D	A	90.2	8.0	0.9	3.0	0.0	62.5	1.1	4.5	0.0	0.0	0.3	1.7	0.0	32.1
5467	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	64.3	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.0
5468	4461037.64	5339853.26	504.39	1	D	A	90.2	8.0	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	5.8	1.7	9.6	14.0
5469	4461032.87	5339857.23	504.38	0	D	A	90.2	7.9	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.3	1.7	0.0	31.8
5470	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	64.2	1.3	4.6	0.0	0.0	0.2	1.7	4.1	25.9
5471	4461032.87	5339857.23	504.38	1	D	A	90.2	7.9	0.9	3.0	0.0	65.0	1.4	4.6	0.0	0.0	6.3	1.7	9.9	13.2
5472	4461027.59	5339860.47	504.38	0	D	A	90.2	8.0	0.9	3.0	0.0	62.7	1.1	4.5	0.0	0.0	0.3	1.7	0.0	31.8
5473	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	64.1	1.3	4.6	0.0	0.0	0.2	1.7	4.1	26.1
5474	4461027.59	5339860.47	504.38	1	D	A	90.2	8.0	0.9	3.0	0.0	64.9	1.4	4.6	0.0	0.0	6.8	1.7	10.2	12.4
5477	4460797.01	5339941.53	504.38	0	D	A	90.2	9.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	0.0	28.2
5479	4460824.25	5339944.25	504.39	0	D	A	90.2	8.6	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	0.1	1.8	0.0	28.1
5480	4460831.06	5339942.91	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	66.3	1.5	4.6	0.0	0.0	0.1	1.8	0.0	28.0
5481	4460810.69	5339944.31	504.37	0	D	A	90.2	8.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	0.1	1.8	0.0	27.7
5482	4460817.38	5339944.75	504.39	0	D	A	90.2	8.2	0.9	3.0	0.0	66.5	1.6	4.6	0.0	0.0	0.1	1.8	0.0	27.7
5483	4460804.13	5339943.25	504.38	0	D	A	90.2	8.1	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	0.1	1.8	0.0	27.4
5486	4460731.31	5340002.90	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.2	1.8	0.0	26.7
5489	4460731.31	5340002.90	504.38	1	D	A	90.2	8.8	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.7	1.8	11.1	12.4
5490	4460713.62	5339914.50	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.7
5491	4460716.91	5339914.55	504.37	1	D	A	90.2	0.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	10.6
5492	4460724.16	5340005.03	504.39	0	D	A	90.2	8.7	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.6
5493	4460727.47	5340004.28	504.39	1	D	A	90.2	-1.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	2.5	1.8	10.8	2.4
5494	4460706.08	5339915.03	504.38	0	D	A	90.2	8.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.6
5495	4460709.45	5340006.00	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.5
5496	4460711.04	5340006.11	504.38	1	D	A	90.2	6.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	4.3	1.8	8.7	10.6
5497	4460707.22	5340005.85	504.37	1	D	A	90.2	5.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.5	1.8	6.1	14.5
5499	4460720.93	5339915.25	504.40	0	D	A	90.2	8.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	0.0	26.6
5502	4460718.75	5339914.82	504.38	1	D	A	90.2	4.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	14.9
5503	4460721.21	5339915.31	504.40	1	D	A	90.2	3.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	15.9	5.4
5505	4460725.16	5339916.16	504.42	0	D	A	90.2	1.7	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	0.0	19.7
5506	4460728.48	5339917.15	504.40	0	D	A	90.2	7.4	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.1	1.8	0.0	25.5
5507	4460695.53	5339918.04	504.33	0	D	A	90.2	-2.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	15.7
5508	4460699.08	5339916.77	504.35	0	D	A	90.2	8.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.1
5509	4460716.89	5340006.06	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.4
5510	4460713.70	5340006.24	504.38	1	D	A	90.2	-0.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	4.5	1.8	8.9	3.1
5511	4460701.96	5340004.89	504.37	0	D	A	90.2	8.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.4
5512	4460701.96	5340004.89	504.37	1	D	A	90.2	8.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.1	1.8	5.6	19.2
5513	4460667.77	5339969.93	504.39	0	D	A	90.2	9.1	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.2
5514	4460667.13	5339967.28	504.39	2	D	A	90.2	4.1	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	4.4	1.9	52.8	-37.6
5515	4460694.88	5340002.51	504.37	0	D	A	90.2	8.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.2
5516	4460694.88	5340002.51	504.37	1	D	A	90.2	8.7	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.7	1.8	5.2	19.7
5517	4460682.46	5339994.77	504.35	0	D	A	90.2	8.8	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.1
5518	4460684.10	5339996.29	504.36	2	D	A	90.2	4.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	3.7	1.9	45.7	-129.2
5519	4460682.46	5339994.77	504.35	1	D	A	90.2	8.8	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.3	1.8	4.8	20.5
5520	4460667.01	5339954.68	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.0
5521	4460677.32	5339989.34	504.34	0	D	A	90.2	8.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.0
5522	4460677.32	5339989.34	504.34	1	D	A	90.2	8.7	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.2	1.8	4.7	20.5
5523	4460688.35	5339999.15	504.37	0	D	A	90.2	8.6	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.0
5524	4460688.35	5339999.15	504.37	1	D	A	90.2	8.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.5	1.8	5.0	20.0
5525	4460685.48	5339997.48	504.36	2	D	A	90.2	-2.5	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	3.7	1.9	45.7	-136.7
5526	4460666.65	5339962.25	504.39	0	D	A	90.2	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	26.0
5527	4460666.80	5339965.57	504.39	2	D	A	90.2	-0.3	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	4.6	1.9	53.1	-42.6
5528	4460668.51	5339947.39	504.38	0	D	A	90.2	8.6	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.9
5529	4460668.51	5339947.39	504.38	1	D	A	90.2	8.6	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	2.4	1.9	22.9	-0.8
5530	4460686.54	5339922.82	504.35	0	D	A	90.2	8.3	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.8
5531	4460681.28	5339927.12	504.36	0	D	A	90.2	8.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.8
5532	4460673.32	5339983.31	504.35	0	D	A	90.2	8.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.8
5533	4460692.27	5339919.51	504.34	0	D	A	90.2	8.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.7
5534	4460670.20	5339977.00	504.37	0	D	A	90.2	8.4	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.7
5547	4460676.94	5339931.77	504.36	0	D	A	90.2	7.7	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	0.1	1.8	0.0	25.1
5548	4460675.13	5339934.02	504.36	1	D	A	90.2	-9.6	0.9	3.0	0.0	69.7								

Linienquelle nach ISO 9613, Bez: "Leopard 1", ID: "Panzerstrecke"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5553	4460674.16	5339935.46	504.36	1	D	A	90.2	5.3	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	5.1	1.9	26.0	-10.0

Linienquelle nach ISO 9613, Bez: "Tauchbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5602	4460746.05	5339847.27	505.13	0	D	A	73.9	-5.0	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	4.0	1.8	0.0	-6.8
5603	4460742.82	5339850.97	505.12	0	D	A	73.9	9.8	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	2.4	1.8	0.0	9.5
5604	4460737.39	5339857.19	505.10	0	D	A	73.9	8.4	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	1.5	1.8	0.0	9.0
5605	4460733.31	5339861.86	505.08	0	D	A	73.9	7.4	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	3.3	1.8	0.0	6.0
5606	4460725.99	5339870.25	505.05	0	D	A	73.9	12.3	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	2.7	1.8	0.0	11.5
5607	4460718.49	5339878.83	505.02	0	D	A	73.9	7.8	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.8	1.8	0.0	8.7
5608	4460714.69	5339883.19	505.01	0	D	A	73.9	7.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.5	1.8	0.0	8.7
5609	4460711.54	5339886.80	505.00	0	D	A	73.9	6.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.1	1.8	0.0	7.6
5610	4460739.33	5339854.97	505.10	1	D	A	73.9	6.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	1.4	1.8	3.3	3.3
5611	4460736.85	5339857.81	505.09	1	D	A	73.9	5.2	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	1.1	1.8	3.1	2.8
5612	4460735.08	5339859.83	505.09	1	D	A	73.9	3.1	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	1.0	1.8	3.1	0.7
5613	4460715.13	5339882.69	505.01	1	D	A	73.9	7.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	7.2	1.9
5614	4460743.86	5339849.78	505.12	2	D	A	73.9	8.4	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.4	1.8	17.6	-7.5

Linienquelle nach ISO 9613, Bez: "Watbecken", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5653	4460749.92	5339884.72	504.87	0	D	A	73.9	-1.6	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	1.5	1.8	0.0	-0.8
5655	4460749.43	5339886.48	504.85	0	D	A	73.9	4.7	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.7	1.8	0.0	6.3
5656	4460748.39	5339890.24	504.79	0	D	A	73.9	6.8	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	0.3	1.8	0.0	8.7
5657	4460746.31	5339897.71	504.69	0	D	A	73.9	10.3	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.1	1.8	0.0	12.4
5658	4460744.80	5339903.16	504.61	0	D	A	73.9	-2.0	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.1	1.8	0.0	0.0
5660	4460743.04	5339909.51	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.1	1.8	0.0	13.0
5661	4460740.59	5339918.31	504.39	0	D	A	73.9	7.6	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	0.1	1.8	0.0	9.6

Linienquelle nach ISO 9613, Bez: "Pz Tankstelle", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5667	4460680.00	5339830.93	505.49	0	D	A	78.7	11.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	3.0	1.8	0.0	14.7
5668	4460680.00	5339830.93	505.49	1	D	A	78.7	11.7	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	7.8	8.1
5761	4460691.11	5339831.84	505.34	0	D	A	78.7	9.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	4.2	1.8	0.0	10.9
5762	4460693.59	5339831.33	505.24	1	D	A	78.7	4.5	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.2	1.9	7.9	0.6
5763	4460690.56	5339831.95	505.37	1	D	A	78.7	5.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.2	1.9	7.8	1.4
5764	4460688.45	5339832.38	505.45	1	D	A	78.7	-0.3	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.2	1.9	7.8	-4.2
5765	4460687.62	5339832.55	505.48	1	D	A	78.7	-1.2	0.9	3.0	0.0	69.9	2.0	4.7	0.0	0.0	0.1	1.9	7.8	-4.9
5766	4460694.40	5339831.17	505.21	1	D	A	78.7	-0.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.8	1.8	39.2	-34.8
5767	4460691.96	5339831.67	505.31	1	D	A	78.7	6.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.9	1.8	39.4	-28.0

Linienquelle nach ISO 9613, Bez: "Pz Überschreitungsgraben", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5719	4460790.17	5339879.59	504.87	0	D	A	73.9	8.3	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	8.4	1.8	0.0	2.7
5720	4460797.06	5339882.87	504.86	0	D	A	73.9	9.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.5	1.8	0.0	4.8
5721	4460803.31	5339885.84	504.85	0	D	A	73.9	7.2	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	5.0	1.8	0.0	5.3
5722	4460796.42	5339882.57	504.86	1	D	A	73.9	13.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	7.7	6.0
5768	4460788.33	5339856.43	505.12	0	D	A	73.9	-15.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	6.1	1.8	0.0	-19.0
5769	4460787.70	5339858.93	505.10	0	D	A	73.9	7.1	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	4.7	1.8	0.0	5.3
5770	4460786.58	5339863.33	505.06	0	D	A	73.9	6.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	15.0	1.8	0.0	-6.2
5771	4460785.08	5339869.22	505.01	0	D	A	73.9	9.1	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	14.6	1.8	0.0	-2.6
5772	4460787.88	5339858.22	505.11	1	D	A	73.9	5.7	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	3.4	1.8	11.6	-6.5
5773	4460787.85	5339858.32	505.11	2	D	A	73.9	-5.2	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	16.3	-18.9
5774	4460787.75	5339858.72	505.10	2	D	A	73.9	-2.8	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	16.3	-16.4
5775	4460788.11	5339857.31	505.11	2	D	A	73.9	2.6	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.1	1.8	16.3	-11.0
5863	4460806.30	5339887.13	504.85	0	D	A	73.9	0.9	0.9	3.0	0.0	66.7	1.6	4.6	0.0	0.0	4.5	1.8	0.0	-0.5
5864	4460811.36	5339888.37	504.81	0	D	A	73.9	9.6	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	4.4	1.8	0.0	8.5
5865	4460809.58	5339887.93	504.82	1	D	A	73.9	9.0	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.2	1.8	7.6	1.8
5958	4460785.24	5339875.08	504.94	0	D	A	73.9	6.5	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	11.3	1.8	0.0	-2.0
5959	4460786.78	5339877.56	504.89	0	D	A	73.9	1.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	7.5	1.8	0.0	-3.3
5960	4460786.21	5339876.64	504.91	1	D	A	73.9	5.5	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.4	1.8	4.8	1.3

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5436	4461115.59	5339896.23	504.01	0	D	A	73.9	19.2	0.9	3.0	0.0	60.5	0.9	4.4	0.0	0.0	0.0	1.6	0.0	29.7
5437	4461046.70	5339944.38	504.02	0	D	A	73.9	19.2	0.9	3.0	0.0	62.4	1.1	4.5	0.0	0.0	0.2	1.7	0.0	27.2
5475	4461039.54	5339962.95	504.15	0	D	A	73.9	21.1	0.9	3.0	0.0	62.6	1.1	4.5	0.0	0.0	0.1	1.7	0.0	28.9
5476	4461120.56	5339907.28	504.18	0	D	A	73.9	18.3	0.9	3.0	0.0	60.3	0.9	4.4	0.0	0.0	0.4	1.6	0.0	28.5
5478	4460913.86	5340049.33	503.98	0	D	A	73.9	22.4	0.9	3.0	0.0	65.4	1.4	4.6	0.0	0.0	0.3	1.8	0.0	26.8
5484	4461162.48	5339875.40	504.13	0	D	A	73.9	15.9	0.9	3.0	0.0	59.0	0.8	4.3	0.0	0.0	0.4	1.5	0.0	27.7
5535	4460922.88	5340007.55	503.96	0	D	A	73.9	20.1	0.9	3.0	0.0	65.1	1.4	4.6	0.0	0.0	0.1	1.8	0.0	25.0
5536	4460892.00	5340016.86	504.00	1	D	A	73.9	14.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	0.1	1.8	16.0	-0.1
5537	4460928.70	5340005.80	503.96	3	D	A	73.9	4.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	21.3	-117.1
5538	4460919.05	5340008.70	503.97	3	D	A	73.9	11.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	20.2	-108.3
5539	4460805.31	5340041.32	504.09	0	D	A	73.9	21.6	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	0.0	1.8	0.0	24.4
5540	4460794.00	5340044.45	504.11	2	D	A	73.9	-3.4	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	35.7	-37.6
5541	4460795.44	5340044.05	504.10	2	D	A	73.9	3.2	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	35.7	-30.9
5542	4460782.54	5340047.63	504.12	1	D	A	73.9	4.6	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	4.5	2.1
5543	4460776.41	5340049.33	504.13	1	D	A	73.9	9.9	0.9	3.0	0.0	67.6	1.7	4.6	0.0	0.0	0.1	1.8	4.5	7.4
5544	4460758.04	5340054.42	504.15	1	D	A	73.9	5.8	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	3.6	1.8	4.7	-0.7
5545	4460756.21	5340054.93	504.15	1	D	A	73.9	-18.9	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	3.0	1.8	4.1	-24.2
5546	4460753.94	5340055.56	504.15	1	D	A	73.9	6.7	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	2.7	5.7
5554	4460991.84	5339980.68	503.97	0	D	A	73.9	16.8	0.9	3.0	0.0	63.7	1.2	4.5	0.0	0.0	0.1	1.7	0.0	23.3
5555	4461155.60	5339853.34	503.94	0	D	A	73.9	10.1	0.9	3.0	0.0	59.2	0.9	4.3	0.0	0.0	0.4	1.5	0.0	21.5
5556	4461152.60	5339862.65	503.94	0	D	A	73.9	10.0	0.9	3.0	0.0	59.3	0.9	4.3	0.0	0.0	0.4	1.5	0.0	21.4
5557	4461169.79	5339846.65	503.90	0	D	A	73.9	9.0	0.9	3.0	0.0	58.8	0.8	4.3	0.0	0.0	0.4	1.5	0.0	21.0
5558	4461162.10	5339847.40	503.94	0	D	A	73.9	9.2	0.9	3.0	0.0	59.1	0.8	4.3	0.0	0.0	0.4	1.5	0.0	20.9
5559	4460673.59	5340083.65	504.39	0	D	A	73.9	11.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.1	1.8	0.0	12.4
5560	4460697.97	5340089.87	504.30	0	D	A	73.9	15.5	0.9	3.0	0.0	68.4	1.8	4.7	0.0	0.0	4.6	1.8	0.0	12.0
5561	4460724.40	5340096.62	504.19	0	D	A	73.9	12.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	8.3	1.8	0.0	5.9
5562	4460699.81	5340090.34	504.29	2	D	A	73.9	11.8	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	18.2	-7.1
5563	4460682.62	5340085.96	504.36	2	D	A	73.9	13.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	18.4	-6.0
5564	4460711.80	5340093.41	504.24	1	D	A	73.9	11.1	0.9	3.0	0.0	69.3	2.0	4.7	0.0	0.0	0.1	1.8	38.4	-27.4
5565	4460721.81	5340095.96	504.20	1	D	A	73.9	8.9	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	38.7	-30.0
5566	4460633.72	5340021.95	504.63	0	D	A	73.9	13.6	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.3	1.8	0.0	5.7
5567	4460637.45	5339982.17	504.79	0	D	A	73.9	17.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	2.5	1.8	0.0	15.7
5569	4460638.24	5339973.68	504.82	1	D	A	73.9	8.1	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	0.1	1.9	42.1	-35.5
5570	4460637.48	5339981.80	504.79	1	D	A	73.9	1.5	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	42.0	-42.0
5571	4460637.76	5339978.83	504.80	1	D	A	73.9	6.6	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	42.1	-36.9
5573	4460637.77	5339978.78	504.80	1	D	A	73.9	8.1	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.1	1.9	43.7	-37.5
5575	4460638.34	5339972.71	504.83	1	D	A	73.9	7.9	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	43.7	-37.8
5576	4460635.57	5340002.24	504.71	1	D	A	73.9	1.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.3	1.8	3.3	-1.7
5577	4460636.56	5339991.60	504.75	1	D	A	73.9	13.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	7.5	5.7
5578	4460639.14	5339964.08	504.86	2	D	A	73.9	5.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	40.8	-36.2
5580	4460638.92	5339966.50	504.85	2	D	A	73.9	3.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	27.3	-124.5
5581	4460633.00	5340029.60	504.60	1	D	A	73.9	2.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.8	1.8	8.9	-6.4
5582	4460633.46	5340024.71	504.62	1	D	A	73.9	9.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	16.7	-7.5
5583	4460633.10	5340028.51	504.61	2	D	A	73.9	5.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	17.7	-12.1
5584	4460636.24	5339995.00	504.74	1	D	A	73.9	6.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	39.2	-33.3
5585	4460635.96	5339998.03	504.73	1	D	A	73.9	4.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	24.7	-120.5
5586	4460637.10	5339982.20	504.79	0	D	A	73.9	17.6	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	2.4	1.8	0.0	15.8
5587	4460633.33	5340021.96	504.63	0	D	A	73.9	13.5	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	8.1	1.8	0.0	5.9
5588	4460635.92	5339994.61	504.74	1	D	A	73.9	6.4	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	39.2	-33.2
5589	4460635.64	5339997.63	504.73	1	D	A	73.9	4.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	24.7	-120.4
5590	4460637.90	5339973.78	504.82	1	D	A	73.9	8.1	0.9	3.0	0.0	70.5	2.2	4.7	0.0	0.0	0.1	1.9	42.1	-35.5
5591	4460637.41	5339978.92	504.80	1	D	A	73.9	6.6	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	42.1	-36.9
5592	4460637.13	5339981.90	504.79	1	D	A	73.9	1.5	0.9	3.0	0.0	70.5	2.1	4.7	0.0	0.0	0.1	1.9	42.0	-42.0
5593	4460637.42	5339978.87	504.80	1	D	A	73.9	8.1	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.1	1.9	43.7	-37.5
5594	4460637.99	5339972.80	504.83	1	D	A	73.9	7.9	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	43.7	-37.8
5595	4460636.23	5339991.33	504.75	1	D	A	73.9	13.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	7.5	5.7
5596	4460635.23	5340001.96	504.71	1	D	A	73.9	1.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.3	1.8	3.3	-1.7
5597	4460638.82	5339964.05	504.86	2	D	A	73.9	5.1	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	40.8	-36.2
5598	4460638.59	5339966.47	504.85	2	D	A	73.9	3.4	0.9	3.0	0.0	69.8	2.0	4.7	0.0	0.0	0.1	1.9	27.3	-124.5
5599	4460633.10	5340024.40	504.62	1	D	A	73.9	9.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	16.7	-7.5
5600	4460632.63	5340029.29	504.60	1	D	A	73.9	2.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.8	1.8	8.8	-6.4
5601	4460632.70	5340028.60	504.61	2	D	A	73.9	5.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	17.7	-12.1
5615	4461177.73	5339859.46	504.08	0	D	A	73.9	7.8	0.9	3.0	0.0	58.4	0.8	4.3	0.0	0.0	0.5	1.5	0.0	20.2
5630	4461178.04	5339853.90	504.01	0	D	A	73.9	7.6</												

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5635	4460686.64	5340070.99	504.46	1	D	A	73.9	8.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.1	1.8	16.6	-7.8
5636	4461175.48	5339849.34	503.94	0	D	A	73.9	7.1	0.9	3.0	0.0	58.6	0.8	4.3	0.0	0.0	0.5	1.5	0.0	19.3
5637	4460645.95	5339903.17	505.20	0	D	A	73.9	7.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.4	1.8	0.0	7.4
5638	4460645.61	5339905.92	505.19	0	D	A	73.9	-3.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.4	1.8	0.0	-2.7
5639	4460645.54	5339906.51	505.18	0	D	A	73.9	-1.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	0.0	-1.1
5640	4460644.66	5339913.75	505.14	0	D	A	73.9	11.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.8	1.8	0.0	11.4
5641	4460641.81	5339937.16	505.00	0	D	A	73.9	15.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.2	1.8	0.0	14.7
5642	4460642.94	5339927.88	505.05	1	D	A	73.9	5.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	7.6	-2.8
5643	4460641.87	5339936.69	505.00	1	D	A	73.9	11.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	7.6	3.9
5644	4460642.11	5339937.15	505.00	0	D	A	73.9	15.2	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	1.3	1.8	0.0	14.7
5645	4460644.93	5339913.73	505.13	0	D	A	73.9	11.4	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.8	1.8	0.0	11.4
5646	4460645.80	5339906.50	505.17	0	D	A	73.9	-1.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	0.0	-1.1
5647	4460645.87	5339905.91	505.18	0	D	A	73.9	-3.1	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.4	1.8	0.0	-2.7
5648	4460646.19	5339903.20	505.19	0	D	A	73.9	7.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.4	1.8	0.0	7.3
5649	4460642.16	5339936.77	505.00	1	D	A	73.9	11.6	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	7.6	3.9
5650	4460643.22	5339927.95	505.05	1	D	A	73.9	5.0	0.9	3.0	0.0	69.4	2.0	4.7	0.0	0.0	0.1	1.8	7.6	-2.8
5662	4460742.55	5340101.37	504.13	0	D	A	73.9	12.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	6.4	1.8	0.0	7.9
5663	4460752.27	5340103.99	504.11	0	D	A	73.9	2.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.7	1.8	0.0	3.4
5664	4460761.84	5340106.55	504.09	0	D	A	73.9	12.6	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	0.1	1.8	0.0	14.3
5665	4460771.43	5340109.13	504.07	0	D	A	73.9	2.4	0.9	3.0	0.0	67.7	1.7	4.6	0.0	0.0	0.1	1.8	0.0	4.3
5666	4460763.88	5340107.10	504.08	1	D	A	73.9	7.7	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	17.1	-9.9
5669	4461151.17	5339869.90	503.99	0	D	A	73.9	7.0	0.9	3.0	0.0	59.4	0.9	4.4	0.0	0.0	0.4	1.5	0.0	18.4
5670	4460646.78	5339897.66	505.23	0	D	A	73.9	7.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	8.2
5671	4460647.08	5339894.48	505.26	0	D	A	73.9	-6.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	-6.6
5673	4460647.34	5339891.70	505.28	0	D	A	73.9	7.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.7	1.8	0.0	7.4
5675	4460647.75	5339887.37	505.31	0	D	A	73.9	5.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	5.5
5676	4460648.12	5339883.42	505.34	0	D	A	73.9	6.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.1	1.8	0.0	6.3
5677	4460648.57	5339878.64	505.38	0	D	A	73.9	7.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.1	1.8	0.0	6.7
5678	4460649.47	5339869.04	505.45	0	D	A	73.9	11.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.4	1.8	0.0	11.0
5679	4460650.36	5339859.57	505.53	0	D	A	73.9	6.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.3	1.8	0.0	6.2
5680	4460650.62	5339856.81	505.55	0	D	A	73.9	-0.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.3	1.8	0.0	-1.4
5681	4460649.00	5339874.05	505.42	1	D	A	73.9	-2.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-7.7
5682	4460649.15	5339872.48	505.43	1	D	A	73.9	4.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-1.2
5683	4460649.74	5339866.15	505.48	1	D	A	73.9	10.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.2	1.9	4.8	4.7
5684	4460650.37	5339859.52	505.53	1	D	A	73.9	5.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.2	1.9	4.8	-0.3
5685	4460650.59	5339857.18	505.55	1	D	A	73.9	1.9	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-3.3
5686	4460650.56	5339857.46	505.54	3	D	A	73.9	-4.4	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-57.5
5688	4460650.61	5339856.89	505.55	3	D	A	73.9	-1.1	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-54.3
5690	4460650.65	5339856.46	505.55	3	D	A	73.9	-9.9	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-63.0
5692	4460650.09	5339856.74	505.55	0	D	A	73.9	-0.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.3	1.8	0.0	-0.8
5693	4460649.84	5339859.55	505.52	0	D	A	73.9	6.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.3	1.8	0.0	6.3
5694	4460649.01	5339869.03	505.45	0	D	A	73.9	11.6	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.4	1.8	0.0	11.0
5695	4460648.17	5339878.64	505.38	0	D	A	73.9	7.0	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.1	1.8	0.0	6.7
5696	4460647.76	5339883.42	505.35	0	D	A	73.9	6.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	1.1	1.8	0.0	6.4
5697	4460647.41	5339887.38	505.32	0	D	A	73.9	5.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	5.5
5698	4460647.03	5339891.70	505.28	0	D	A	73.9	7.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.6	1.8	0.0	7.4
5699	4460646.79	5339894.48	505.26	0	D	A	73.9	-6.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	-6.6
5700	4460646.52	5339897.62	505.24	0	D	A	73.9	7.8	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.5	1.8	0.0	8.1
5701	4460650.06	5339856.99	505.54	1	D	A	73.9	1.6	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-3.6
5702	4460649.86	5339859.29	505.53	1	D	A	73.9	5.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.2	1.9	4.8	-0.3
5703	4460649.28	5339865.93	505.48	1	D	A	73.9	10.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.2	1.9	4.8	4.7
5704	4460648.73	5339872.28	505.43	1	D	A	73.9	4.1	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-1.2
5705	4460648.59	5339873.85	505.42	1	D	A	73.9	-2.5	0.9	3.0	0.0	69.7	2.0	4.7	0.0	0.0	0.1	1.9	4.8	-7.7
5706	4460650.13	5339856.29	505.55	3	D	A	73.9	-15.8	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-69.0
5707	4460650.09	5339856.69	505.55	3	D	A	73.9	-1.1	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-54.2
5708	4460650.04	5339857.25	505.54	3	D	A	73.9	-4.4	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-57.5
5709	4460831.29	5340106.26	503.87	0	D	A	73.9	14.0	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.1	1.8	0.0	16.8
5710	4460665.16	5340074.26	504.52	0	D	A	73.9	15.6	0.9	3.0	0.0	68.8	1.9	4.7	0.0	0.0	0.0	1.8	0.0	16.4
5711	4460683.19	5340071.71	504.48	1	D	A	73.9	-7.0	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.1	1.8	7.5	-14.1
5750	4460783.53	5340111.98	504.03	0	D	A	73.9	13.6	0.9	3.0	0.0	67.5	1.7	4.6	0.0	0.0	1.8	1.8	0.0	14.0
5849	4460655.68	5340079.29	504.49	0	D	A	73.9	13.4	0.9	3.0	0.0	68.9	1.9	4.7	0.0	0.0	0.0	1.8	0.0	14.0
5850	4460799.98	5340115.12	503.93	0	D	A	73.9	10.2	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	2.5	1.8	0.0	10.1
5851	4460806.98	5340115.81	503.86	0	D	A	73.9	5.6	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.1	1.8	0.0	7.9
5852	4460630.43	5340049.67	504.55	0	D	A	73.9	9.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0				

Linienquelle nach ISO 9613, Bez: "Pz Laserstrecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5858	4460630.05	5340049.66	504.55	0	D	A	73.9	8.9	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	1.9	1.8	0.0	7.3
5875	4460629.74	5340059.36	504.52	0	D	A	73.9	10.7	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.6	1.8	0.0	10.5
5876	4460629.98	5340066.06	504.50	0	D	A	73.9	2.0	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	2.2
5878	4460630.38	5340065.93	504.50	0	D	A	73.9	1.8	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	2.0
5879	4460630.13	5340059.37	504.52	0	D	A	73.9	10.6	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.6	1.8	0.0	10.4
5880	4460640.91	5340075.45	504.52	0	D	A	73.9	11.0	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.0	1.8	0.0	11.4
5881	4460817.38	5340114.89	503.85	0	D	A	73.9	8.9	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	0.1	1.8	0.0	11.4
5882	4460817.43	5340114.88	503.85	1	D	A	73.9	7.7	0.9	3.0	0.0	67.1	1.7	4.6	0.0	0.0	0.1	1.8	7.0	3.2
5895	4460639.61	5340075.59	504.52	0	D	A	73.9	10.4	0.9	3.0	0.0	69.0	1.9	4.7	0.0	0.0	0.0	1.8	0.0	10.7
6017	4460632.13	5340070.63	504.49	0	D	A	73.9	9.4	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	9.6
6018	4460632.59	5340070.38	504.49	0	D	A	73.9	9.3	0.9	3.0	0.0	69.1	1.9	4.7	0.0	0.0	0.1	1.8	0.0	9.5
6019	4460811.22	5340116.02	503.84	0	D	A	73.9	6.9	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	0.1	1.8	0.0	9.3

Linienquelle nach ISO 9613, Bez: "Steilhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5616	4460738.79	5339846.31	505.11	0	D	A	73.9	2.6	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	3.5	1.8	0.0	1.2
5617	4460734.98	5339850.63	505.09	0	D	A	73.9	9.9	0.9	3.0	0.0	67.6	1.7	4.7	0.0	0.0	2.0	1.8	0.0	9.9
5618	4460729.43	5339856.91	505.07	0	D	A	73.9	8.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	1.2	1.8	0.0	9.2
5619	4460725.24	5339861.64	505.05	0	D	A	73.9	7.4	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	2.6	1.8	0.0	6.7
5620	4460717.75	5339870.12	505.02	0	D	A	73.9	12.3	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	2.2	1.8	0.0	12.0
5622	4460710.07	5339878.81	504.98	0	D	A	73.9	7.8	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.6	1.8	0.0	8.9
5623	4460706.71	5339882.61	504.97	0	D	A	73.9	6.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.4	1.8	0.0	7.3
5624	4460733.62	5339852.17	505.09	1	D	A	73.9	6.2	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	1.6	1.8	1.0	5.3
5625	4460731.14	5339854.97	505.08	1	D	A	73.9	5.2	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	1.3	1.8	1.0	4.7
5626	4460729.38	5339856.96	505.07	1	D	A	73.9	3.0	0.9	3.0	0.0	67.8	1.7	4.7	0.0	0.0	1.2	1.8	1.0	2.6
5627	4460713.85	5339874.53	505.00	1	D	A	73.9	7.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	15.9	-6.9
5628	4460736.42	5339849.00	505.10	2	D	A	73.9	9.5	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.4	1.8	17.5	-6.3
5629	4460732.95	5339852.93	505.09	3	D	A	73.9	7.5	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.2	1.8	18.3	-9.3
5753	4460704.94	5339884.74	504.95	0	D	A	73.9	1.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.3	1.8	0.0	3.0
5754	4460703.44	5339886.89	504.92	0	D	A	73.9	5.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	7.2
5755	4460700.60	5339890.93	504.87	0	D	A	73.9	7.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.1	1.8	0.0	9.3
5757	4460698.78	5339893.54	504.84	0	D	A	73.9	-6.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-4.9
5759	4460695.14	5339898.74	504.77	0	D	A	73.9	11.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.4	1.8	0.0	11.0
5891	4460692.21	5339913.89	504.49	0	D	A	73.9	9.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	10.7
5893	4460693.83	5339918.42	504.33	0	D	A	73.9	-0.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	0.4
6020	4460691.55	5339904.01	504.70	0	D	A	73.9	-4.7	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-3.4
6021	4460691.49	5339904.41	504.69	0	D	A	73.9	-3.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-2.1
6022	4460691.41	5339904.96	504.69	0	D	A	73.9	-1.8	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-0.5
6023	4460691.05	5339907.52	504.66	0	D	A	73.9	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	7.8

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5723	4460695.20	5339874.52	504.90	0	D	A	73.9	5.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.9	1.8	0.0	6.5
5724	4460694.29	5339878.76	504.87	0	D	A	73.9	6.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.4	1.8	0.0	7.8
5725	4460693.33	5339883.26	504.83	0	D	A	73.9	6.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	0.0	7.6
5727	4460692.54	5339886.98	504.81	0	D	A	73.9	5.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	6.3
5729	4460691.66	5339891.06	504.77	0	D	A	73.9	7.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	8.4
5731	4460691.10	5339893.68	504.75	0	D	A	73.9	-7.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-5.8
5733	4460690.43	5339896.80	504.73	0	D	A	73.9	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.7	1.8	0.0	8.5
5735	4460695.20	5339874.51	504.90	2	D	A	73.9	5.9	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	16.9	-110.4
5737	4460694.98	5339875.57	504.89	1	D	A	73.9	7.8	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.8	1.9	13.9	-11.8
5739	4460694.00	5339880.11	504.86	1	D	A	73.9	5.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.1	1.9	14.0	-14.9
5741	4460692.59	5339886.74	504.81	1	D	A	73.9	10.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.1	1.9	14.0	-9.9
5743	4460691.23	5339893.08	504.76	1	D	A	73.9	4.2	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.8	1.9	13.9	-15.4
5745	4460690.90	5339894.64	504.75	1	D	A	73.9	-2.4	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.6	1.9	13.7	-21.7
5746	4460695.02	5339875.39	504.89	2	D	A	73.9	7.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.4	1.9	45.6	-39.8
5883	4460690.00	5339902.02	504.69	0	D	A	73.9	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.5	1.8	0.0	7.3
5884	4460690.23	5339904.45	504.68	0	D	A	73.9	-3.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-2.2
5885	4460690.28	5339905.00	504.67	0	D	A	73.9	-1.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-0.6
5886	4460690.52	5339907.53	504.65	0	D	A	73.9	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	7.8
5888	4460692.21	5339913.89	504.49	0	D	A	73.9	9.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	10.7
5889	4460693.83	5339918.42	504.33	0	D	A	73.9	-0.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	0.4
5896	4460702.93	5339842.23	505.04	0	D	A	73.9	0.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.8	1.8	0.0	0.0
5897	4460702.64	5339843.99	505.02	0	D	A	73.9	4.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.3	1.8	0.0	-6.8
5898	4460702.04	5339847.64	504.99	0	D	A	73.9	6.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.3	1.8	0.0	-3.9
5899	4460702.59	5339844.28	505.02	3	D	A	73.9	-6.2	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	44.9	-52.7

Linienquelle nach ISO 9613, Bez: "Querhang", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5900	4460702.53	5339844.69	505.02	3	D	A	73.9	-2.3	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	44.9	-48.8
5901	4460702.12	5339847.15	504.99	3	D	A	73.9	6.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	39.7	-135.0
5903	4460701.74	5339849.45	504.97	3	D	A	73.9	-5.6	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	2.1	1.9	50.6	-159.9
5904	4460702.20	5339846.70	505.00	1	D	A	73.9	-1.2	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.4	1.9	19.2	-22.3
5906	4460702.09	5339847.37	504.99	1	D	A	73.9	-2.3	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.3	1.9	19.1	-23.3
5907	4460701.99	5339847.98	504.99	1	D	A	73.9	-1.9	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	3.1	1.9	24.9	-31.5
5908	4460701.79	5339849.18	504.98	1	D	A	73.9	2.5	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	4.1	1.9	26.1	-29.4
5909	4460701.76	5339849.33	504.97	2	D	A	73.9	-1.2	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.7	-48.9
5910	4460701.67	5339849.88	504.97	2	D	A	73.9	-4.5	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.6	-52.1
5911	4460702.88	5339842.53	505.03	1	D	A	73.9	2.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	7.8	-6.5
5912	4460702.65	5339843.93	505.02	2	D	A	73.9	5.4	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	8.8	-4.6
5913	4460702.31	5339846.02	505.00	2	D	A	73.9	-0.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	8.9	-10.9
5953	4460704.58	5339858.07	505.76	0	D	A	73.9	2.2	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	0.4	1.8	0.0	3.4
5954	4460703.87	5339861.05	505.76	0	D	A	73.9	6.5	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	1.1	1.8	0.0	7.0
5955	4460703.18	5339863.93	505.76	0	D	A	73.9	1.6	0.9	3.0	0.0	68.0	1.8	4.6	0.0	0.0	1.1	1.8	0.0	2.2
5956	4460703.94	5339860.73	505.76	1	D	A	73.9	8.5	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.3	1.9	11.3	-6.0
5957	4460703.07	5339864.41	505.76	1	D	A	73.9	-3.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.5	1.9	11.5	-18.3
6012	4460697.75	5339869.93	504.99	0	D	A	73.9	8.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.2	1.8	0.0	8.6
6013	4460697.75	5339869.93	504.99	2	D	A	73.9	8.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.2	1.8	16.7	-107.7
6014	4460698.11	5339869.48	505.01	1	D	A	73.9	7.5	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.4	1.9	13.5	-11.3
6015	4460695.97	5339872.15	504.93	1	D	A	73.9	0.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.6	1.9	13.7	-18.6
6016	4460696.68	5339871.27	504.95	2	D	A	73.9	5.3	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.3	1.9	45.3	-41.8
6044	4460702.81	5339851.62	505.13	0	D	A	73.9	5.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.7	1.8	0.0	-5.2
6046	4460704.06	5339853.28	505.30	0	D	A	73.9	-5.7	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	11.0	1.8	0.0	-15.2
6050	4460703.05	5339851.93	505.16	1	D	A	73.9	5.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.9	1.9	12.0	-10.1
6052	4460702.89	5339851.72	505.14	1	D	A	73.9	6.2	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	4.1	1.9	26.1	-25.5
6053	4460701.74	5339850.18	504.98	2	D	A	73.9	-5.1	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.5	-52.6
6054	4460702.10	5339850.66	505.03	2	D	A	73.9	-0.5	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.2	-47.6
6056	4460702.49	5339851.19	505.09	2	D	A	73.9	-3.7	0.9	3.0	0.0	70.8	2.2	4.7	0.0	0.0	0.5	1.9	47.4	-53.5
6064	4460701.45	5339865.95	505.42	0	D	A	73.9	6.2	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.1	1.8	0.0	6.6
6065	4460701.45	5339865.95	505.42	2	D	A	73.9	6.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.3	1.8	16.5	-109.7
6068	4460702.68	5339864.92	505.68	1	D	A	73.9	-0.5	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.6	1.9	11.7	-15.8
6070	4460702.14	5339865.38	505.57	1	D	A	73.9	-2.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.9	1.9	12.0	-18.6
6072	4460700.91	5339866.41	505.30	1	D	A	73.9	4.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	3.6	1.9	12.7	-12.9
6074	4460704.29	5339854.29	505.42	0	D	A	73.9	2.6	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	9.6	1.8	0.0	-5.4
6075	4460704.60	5339856.22	505.64	0	D	A	73.9	3.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.5	1.8	0.0	4.4
6079	4460704.27	5339854.19	505.40	1	D	A	73.9	2.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.7	1.9	11.7	-13.2
6080	4460704.58	5339856.13	505.63	1	D	A	73.9	3.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	2.4	1.9	11.4	-11.0

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5713	4460770.94	5339851.91	505.14	0	D	A	72.2	15.3	0.9	3.0	0.0	67.2	1.7	4.6	0.0	0.0	5.2	1.8	0.0	11.0
5714	4460756.42	5339848.64	505.15	1	D	A	72.2	4.7	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.8	1.8	24.8	-125.4
5715	4460754.69	5339848.26	505.15	1	D	A	72.2	-2.4	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	4.8	1.8	24.7	-132.4
5716	4460779.83	5339853.92	505.14	1	D	A	72.2	11.9	0.9	3.0	0.0	67.1	1.6	4.6	0.0	0.0	2.8	1.8	10.8	-0.8
5717	4460787.15	5339855.57	505.13	1	D	A	72.2	-1.9	0.9	3.0	0.0	67.0	1.6	4.6	0.0	0.0	2.7	1.8	7.0	-10.6
5718	4460764.24	5339850.41	505.14	2	D	A	72.2	13.0	0.9	3.0	0.0	67.3	1.7	4.6	0.0	0.0	0.7	1.8	9.0	4.1
5777	4460651.49	5339823.07	505.29	0	D	A	72.2	9.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.4	1.8	0.0	5.0
5778	4460651.23	5339830.69	505.35	0	D	A	72.2	8.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.0	1.8	0.0	6.3
5779	4460651.01	5339837.01	505.40	0	D	A	72.2	7.7	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.4	1.8	0.0	6.5
5780	4460650.86	5339841.31	505.43	0	D	A	72.2	4.2	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.6	1.8	0.0	0.7
5781	4460650.67	5339846.87	505.48	0	D	A	72.2	9.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.6	1.8	0.0	5.7
5782	4460650.49	5339852.17	505.52	0	D	A	72.2	3.3	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	2.0	1.8	0.0	0.4
5783	4460650.40	5339854.63	505.54	0	D	A	72.2	4.4	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	1.3	1.8	0.0	2.2
5784	4460651.25	5339830.22	505.35	1	D	A	72.2	5.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.9	4.9	-2.1
5785	4460651.03	5339836.32	505.40	1	D	A	72.2	9.5	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.9	4.9	2.4
5786	4460650.86	5339841.45	505.44	1	D	A	72.2	1.0	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.2	1.9	4.8	-6.0
5787	4460650.83	5339842.32	505.44	1	D	A	72.2	-3.2	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.2	1.9	4.8	-10.2
5788	4460650.68	5339846.59	505.47	1	D	A	72.2	9.1	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	4.8	2.1
5789	4460650.45	5339853.32	505.53	1	D	A	72.2	7.3	0.9	3.0	0.0	69.6	2.0	4.7	0.0	0.0	0.1	1.9	4.8	0.4
5790	4460651.53	5339822.02	505.29	3	D	A	72.2	-6.2	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	43.2	-52.3
5791	4460651.52	5339822.43	505.29	3	D	A	72.2	-2.3	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	43.2	-48.4
5792	4460651.43	5339824.88	505.31	3	D	A	72.2	6.4	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	43.2	-39.7
5793	4460651.35	5339827.17	505.33	3	D	A	72.2	-5.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	43.3	-51.7
5794	4460651.39	5339826.13	505.32	1	D	A	72.2	-1.2	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	1.8	1.9	22.4	-28.2
5795	4460651.37	5339826.79	505.32	1	D	A	72.2	-2.4	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	1.6	1.9	22.0	-28.7
5796	4460651.34	5339827.40	505.33	1	D	A	72.2	-1.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	1.4	1.9	21.5	-27.6

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
5797	4460651.24	5339830.38	505.35	1	D	A	72.2	7.3	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	4.7	1.9	26.1	-26.3
5798	4460650.79	5339843.33	505.45	2	D	A	72.2	-0.9	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.9	1.9	50.9	-56.9
5799	4460650.77	5339844.04	505.46	2	D	A	72.2	-2.1	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.9	1.9	50.9	-58.0
5800	4460650.74	5339844.69	505.46	2	D	A	72.2	-1.6	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.7	1.9	49.9	-56.4
5802	4460650.73	5339845.19	505.46	2	D	A	72.2	-4.9	0.9	3.0	0.0	71.3	2.3	4.7	0.0	0.0	0.9	1.9	50.8	-60.7
5803	4460650.38	5339855.21	505.54	3	D	A	72.2	-0.3	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-55.2
5804	4460650.36	5339855.85	505.55	3	D	A	72.2	-4.6	0.9	3.0	0.0	72.0	2.4	4.7	0.0	0.0	0.1	1.9	49.9	-59.5
5805	4460651.59	5339820.18	505.27	1	D	A	72.2	4.4	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.8	4.9	-2.7
5806	4460650.95	5339838.64	505.41	2	D	A	72.2	5.6	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	19.0	-16.9
5807	4460650.88	5339840.87	505.43	2	D	A	72.2	-0.7	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	19.0	-23.2
5808	4460650.50	5339851.68	505.51	3	D	A	72.2	6.2	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.1	1.9	20.8	-18.9
5809	4460650.41	5339854.28	505.53	3	D	A	72.2	-0.0	0.9	3.0	0.0	71.5	2.3	4.7	0.0	0.0	0.1	1.9	20.8	-25.2
5810	4460812.57	5339862.18	505.12	0	D	A	72.2	13.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	6.4	1.8	0.0	8.4
5811	4460812.57	5339862.18	505.12	1	D	A	72.2	13.3	0.9	3.0	0.0	66.6	1.6	4.6	0.0	0.0	3.0	1.8	7.3	4.5
5812	4460803.57	5339858.55	505.15	2	D	A	72.2	1.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	16.1	-13.9
5813	4460802.86	5339858.26	505.15	2	D	A	72.2	-6.1	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	16.1	-21.1
5814	4460728.18	5339841.42	505.15	0	D	A	72.2	14.0	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	4.3	1.8	0.0	9.8
5815	4460715.18	5339837.73	505.16	0	D	A	72.2	3.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	4.7	1.8	0.0	-1.4
5816	4460720.60	5339839.27	505.16	2	D	A	72.2	11.3	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	0.5	1.8	37.9	-27.2
5817	4460732.69	5339842.70	505.15	2	D	A	72.2	11.9	0.9	3.0	0.0	67.7	1.7	4.7	0.0	0.0	0.5	1.8	8.8	2.8
5819	4460695.82	5339830.70	505.19	0	D	A	72.2	-3.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	8.2	1.8	0.0	-11.6
5821	4460696.72	5339826.28	505.20	0	D	A	72.2	9.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.2	1.8	0.0	-5.2
5822	4460697.84	5339820.75	505.22	0	D	A	72.2	4.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.4	1.8	0.0	-10.3
5823	4460699.02	5339814.97	505.24	0	D	A	72.2	9.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	14.4	1.8	0.0	-5.2
5824	4460700.56	5339807.41	505.27	0	D	A	72.2	8.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	12.3	1.8	0.0	-4.6
5825	4460701.48	5339802.86	505.29	0	D	A	72.2	4.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.9	1.8	0.0	3.4
5826	4460701.74	5339801.62	505.29	1	D	A	72.2	-4.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.8	1.8	8.4	-13.6
5827	4460698.17	5339819.17	505.23	2	D	A	72.2	6.6	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.2	1.9	44.7	-41.6
5828	4460698.39	5339818.05	505.23	3	D	A	72.2	6.7	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.2	1.9	45.7	-42.5
5829	4460696.12	5339829.23	505.19	1	D	A	72.2	5.4	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.2	1.9	7.9	-5.0
5830	4460696.50	5339827.36	505.20	1	D	A	72.2	-4.9	0.9	3.0	0.0	69.9	2.1	4.7	0.0	0.0	0.1	1.9	7.7	-15.2
5831	4460663.41	5339790.59	505.26	0	D	A	72.2	6.2	0.9	3.0	0.0	68.6	1.8	4.7	0.0	0.0	0.8	1.8	0.0	4.6
5832	4460661.08	5339796.16	505.26	0	D	A	72.2	9.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	0.5	1.8	0.0	7.7
5833	4460658.21	5339803.06	505.26	0	D	A	72.2	8.5	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.6	1.8	0.0	4.0
5834	4460654.93	5339810.92	505.26	0	D	A	72.2	10.0	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.6	1.8	0.0	5.5
5835	4460652.42	5339816.95	505.26	0	D	A	72.2	4.9	0.9	3.0	0.0	68.6	1.9	4.7	0.0	0.0	3.4	1.8	0.0	0.5
5836	4460651.73	5339818.58	505.26	0	D	A	72.2	-3.2	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	3.4	1.8	0.0	-7.4
5840	4460653.45	5339814.47	505.26	2	D	A	72.2	6.6	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.9	1.9	46.8	-43.9
5841	4460659.00	5339801.16	505.26	3	D	A	72.2	6.8	0.9	3.0	0.0	71.0	2.2	4.7	0.0	0.0	0.1	1.9	44.5	-141.5
5842	4460655.14	5339810.42	505.26	1	D	A	72.2	-5.2	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.1	1.8	4.8	-12.0
5843	4460654.09	5339812.93	505.26	1	D	A	72.2	7.1	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.4	1.8	5.0	-0.3
5844	4460652.75	5339816.14	505.26	1	D	A	72.2	2.6	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.4	1.8	5.0	-4.7
5845	4460652.31	5339817.21	505.26	1	D	A	72.2	-3.0	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.4	1.8	5.0	-10.4
5846	4460651.93	5339818.12	505.26	1	D	A	72.2	1.7	0.9	3.0	0.0	69.5	2.0	4.7	0.0	0.0	0.3	1.8	4.9	-5.4
5847	4460654.54	5339811.84	505.26	1	D	A	72.2	-2.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	16.7	-120.6
5848	4460653.93	5339813.32	505.26	1	D	A	72.2	4.3	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.3	1.8	16.9	-113.9
5859	4460686.94	5339787.44	505.48	0	D	A	72.2	13.8	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	2.8	1.8	0.0	10.5
5860	4460696.59	5339791.13	505.49	1	D	A	72.2	5.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.1	1.8	20.0	-117.3
5862	4460685.42	5339786.86	505.48	1	D	A	72.2	13.2	0.9	3.0	0.0	68.3	1.8	4.7	0.0	0.0	1.8	1.8	20.8	-110.0
5866	4460798.08	5339857.43	505.15	0	D	A	72.2	9.8	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	7.1	1.8	0.0	3.9
5867	4460790.44	5339856.14	505.14	0	D	A	72.2	7.8	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	6.4	1.8	0.0	2.6
5868	4460795.10	5339856.93	505.14	1	D	A	72.2	11.9	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	2.6	1.8	6.9	3.6
5869	4460802.21	5339858.13	505.15	2	D	A	72.2	0.3	0.9	3.0	0.0	66.8	1.6	4.6	0.0	0.0	0.1	1.8	16.1	-14.7
5870	4460794.97	5339856.90	505.14	2	D	A	72.2	11.4	0.9	3.0	0.0	66.9	1.6	4.6	0.0	0.0	0.1	1.8	16.2	-3.8
5871	4460753.38	5339847.95	505.15	0	D	A	72.2	3.3	0.9	3.0	0.0	67.4	1.7	4.7	0.0	0.0	4.6	1.8	0.0	-0.8
5872	4460746.26	5339846.26	505.14	0	D	A	72.2	11.0	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	4.5	1.8	0.0	7.0
5873	4460751.41	5339847.48	505.15	1	D	A	72.2	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	4.8	1.8	24.2	-121.5
5874	4460747.29	5339846.50	505.14	2	D	A	72.2	11.7	0.9	3.0	0.0	67.5	1.7	4.7	0.0	0.0	0.6	1.8	8.9	2.6
5914	4460701.82	5339839.00	505.08	0	D	A	72.2	6.9	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	2.3	1.8	0.0	4.3
5916	4460698.07	5339834.00	505.15	0	D	A	72.2	8.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	4.2	1.8	0.0	4.4
5922	4460698.78	5339834.95	505.13	1	D	A	72.2	7.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.2	1.8	19.1	-13.2
5924	4460696.83	5339832.34	505.17	1	D	A	72.2	0.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.9	1.8	39.5	-40.4
5926	4460701.39	5339838.42	505.09	2	D	A	72.2	7.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	12.8	-105.9
5927	4460700.34	5339837.03	505.11	2	D	A	72.2	5.1	0.9											

Linienquelle nach ISO 9613, Bez: "Rangierfahrten zw Teilbereichen", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5937	4460696.95	5339832.50	505.17	1	D	A	72.2	5.9	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	7.9	-4.5
5940	4460713.56	5339837.63	505.16	0	D	A	72.2	1.0	0.9	3.0	0.0	67.9	1.8	4.7	0.0	0.0	4.5	1.8	0.0	-3.6
5942	4460708.12	5339839.38	505.10	0	D	A	72.2	10.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	2.8	1.8	0.0	7.2
5943	4460710.06	5339838.76	505.12	1	D	A	72.2	-1.5	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.5	1.8	19.6	-22.7
5944	4460708.02	5339839.41	505.10	1	D	A	72.2	5.5	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.6	1.8	20.0	-16.2
5945	4460709.10	5339839.07	505.11	2	D	A	72.2	10.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.4	1.8	37.6	-27.9
5946	4460707.48	5339839.59	505.10	1	D	A	72.2	4.9	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.2	1.8	14.9	-111.0
5947	4460711.91	5339838.16	505.14	1	D	A	72.2	6.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	7.8	-3.9
5948	4460708.24	5339839.34	505.11	1	D	A	72.2	4.8	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	7.8	-5.8
5949	4460706.42	5339839.93	505.09	1	D	A	72.2	-0.9	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	7.8	-11.4
5950	4460704.65	5339840.50	505.07	1	D	A	72.2	4.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	0.1	1.9	7.8	-5.9
5951	4460704.54	5339840.53	505.07	2	D	A	72.2	4.3	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	17.6	-13.9
5952	4460708.98	5339839.10	505.11	3	D	A	72.2	6.8	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	0.2	1.8	18.4	-12.0
6039	4460672.12	5339784.30	505.40	0	D	A	72.2	8.8	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	2.5	1.8	0.0	5.6
6040	4460675.37	5339783.29	505.46	1	D	A	72.2	-0.7	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.4	1.8	20.8	-123.7
6041	4460669.41	5339785.13	505.36	1	D	A	72.2	3.0	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.3	1.8	41.7	-40.8
6057	4460700.89	5339797.18	505.39	0	D	A	72.2	-3.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.4	1.8	0.0	-5.6
6058	4460699.45	5339794.35	505.44	0	D	A	72.2	7.7	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.8	1.8	0.0	5.6
6062	4460698.86	5339793.20	505.47	1	D	A	72.2	4.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.6	1.8	43.7	-42.3
6063	4460698.17	5339791.84	505.49	1	D	A	72.2	-5.2	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	2.2	1.8	20.0	-127.7
6081	4460666.33	5339787.05	505.30	0	D	A	72.2	7.3	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	1.4	1.8	0.0	5.1
6083	4460667.43	5339786.21	505.32	1	D	A	72.2	4.1	0.9	3.0	0.0	68.5	1.8	4.7	0.0	0.0	0.3	1.8	37.9	-34.8
6084	4460822.09	5339867.74	505.08	0	D	A	72.2	5.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	4.7	1.8	0.0	2.1
6085	4460822.09	5339867.74	505.08	1	D	A	72.2	5.1	0.9	3.0	0.0	66.4	1.6	4.6	0.0	0.0	3.9	1.8	4.7	-1.8
6086	4460701.38	5339799.40	505.34	0	D	A	72.2	6.2	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.1	1.8	0.0	4.8
6088	4460701.43	5339799.66	505.33	1	D	A	72.2	5.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.6	1.8	17.7	-13.1

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
5961	4460702.89	5339842.23	505.04	0	D	A	67.4	0.3	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	1.8	1.8	0.0	-6.4
5962	4460702.47	5339843.98	505.03	0	D	A	67.4	4.0	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.2	1.8	0.0	-13.2
5963	4460701.23	5339849.12	505.01	0	D	A	67.4	9.1	0.9	3.0	0.0	68.0	1.8	4.7	0.0	0.0	12.1	1.8	0.0	-8.0
5964	4460700.04	5339854.03	504.99	0	D	A	67.4	3.1	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	8.6	1.8	0.0	-10.5
5965	4460699.36	5339856.86	504.98	0	D	A	67.4	5.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	3.9	1.8	0.0	-3.1
5966	4460698.38	5339860.89	504.96	0	D	A	67.4	6.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	4.5	1.8	0.0	-3.0
5967	4460696.50	5339868.70	504.92	0	D	A	67.4	10.6	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	1.2	1.8	0.0	4.4
5969	4460695.36	5339873.41	504.90	2	D	A	67.4	2.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	16.8	-120.0
5970	4460700.62	5339851.62	505.00	1	D	A	67.4	5.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.1	1.9	13.2	-19.6
5971	4460699.19	5339857.57	504.97	1	D	A	67.4	9.6	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.8	1.9	13.8	-16.5
5972	4460697.98	5339862.57	504.95	1	D	A	67.4	1.0	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.2	1.9	14.1	-25.6
5973	4460697.77	5339863.41	504.95	1	D	A	67.4	-3.2	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.2	1.9	14.1	-29.8
5974	4460696.77	5339867.56	504.93	1	D	A	67.4	9.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.2	1.9	14.1	-17.6
5975	4460695.49	5339872.89	504.91	1	D	A	67.4	4.7	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.6	1.9	13.7	-21.0
5976	4460695.86	5339871.32	504.91	2	D	A	67.4	7.9	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.3	1.9	45.3	-45.8
5977	4460702.42	5339844.20	505.03	3	D	A	67.4	-6.2	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	44.8	-59.3
5978	4460702.32	5339844.60	505.03	3	D	A	67.4	-2.3	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	44.8	-55.4
5979	4460701.74	5339846.98	505.02	3	D	A	67.4	6.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.1	1.9	39.7	-141.5
5980	4460701.20	5339849.22	505.01	3	D	A	67.4	-5.6	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	2.2	1.9	50.6	-166.6
5982	4460701.85	5339846.56	505.02	1	D	A	67.4	-1.2	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.4	1.9	19.2	-28.9
5983	4460701.69	5339847.21	505.02	1	D	A	67.4	-2.4	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	0.4	1.9	19.1	-29.9
5984	4460701.55	5339847.80	505.02	1	D	A	67.4	-1.9	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	3.2	1.9	25.0	-38.2
5985	4460700.84	5339850.72	505.00	1	D	A	67.4	7.3	0.9	3.0	0.0	70.7	2.2	4.7	0.0	0.0	4.7	1.9	26.6	-32.1
5986	4460701.19	5339849.26	505.01	2	D	A	67.4	-1.1	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.7	-55.4
5987	4460701.03	5339849.92	505.01	2	D	A	67.4	-2.3	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.6	-56.4
5988	4460700.89	5339850.52	505.00	2	D	A	67.4	-1.8	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.2	1.9	45.2	-55.5
5989	4460700.78	5339850.99	505.00	2	D	A	67.4	-5.1	0.9	3.0	0.0	70.9	2.2	4.7	0.0	0.0	0.5	1.9	47.4	-61.4
5991	4460695.47	5339872.97	504.91	3	D	A	67.4	-0.4	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	4.4	1.9	78.3	-193.3
5993	4460695.27	5339873.76	504.90	3	D	A	67.4	-1.5	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	4.6	1.9	78.4	-194.7
5996	4460695.17	5339874.21	504.90	3	D	A	67.4	-6.8	0.9	3.0	0.0	72.4	2.5	4.7	0.0	0.0	4.5	1.9	78.4	-199.8
5998	4460702.82	5339842.51	505.04	1	D	A	67.4	2.2	0.9	3.0	0.0	70.0	2.1	4.7	0.0	0.0	0.1	1.9	7.8	-13.1
6000	4460702.49	5339843.91	505.03	2	D	A	67.4	5.4	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	8.8	-11.1
6002	4460701.98	5339845.99	505.02	2	D	A	67.4	-0.9	0.9	3.0	0.0	70.2	2.1	4.7	0.0	0.0	0.1	1.9	8.9	-17.4
6005	4460696.08	5339870.44	504.92	3	D	A	67.4	6.2	0.9	3.0	0.0	71.9	2.4	4.7	0.0	0.0	4.4	1.9	29.9	-37.7
6006	4460695.47	5339872.95	504.91	3	D	A	67.4	-0.1	0.9	3.0	0.0	71.9	2.4	4.7	0.0	0.0	4.2	1.9	29.6	-43.4
6008	4460699.83	5339854.91	504.98	2	D	A	67.4	-4.1	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	2.2	1.9	25.7	-41.3
6009	4460699.42	5339856.60	504.98	2	D	A	67.4	4.9	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	2.2	1.9	25.7	-32.3
6010	4460698.64	5339859.82	504.96	2	D	A	67.4	5.5	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	2.2	1.9	25.7	-31.6

Linienquelle nach ISO 9613, Bez: "Ein- und Ausfahrt Pz-Strecke", ID: "Pz-Anl"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6011	4460698.15	5339861.87	504.95	2	D	A	67.4	-1.7	0.9	3.0	0.0	71.6	2.3	4.7	0.0	0.0	2.2	1.9	25.7	-38.9
6024	4460694.92	5339875.37	504.89	0	D	A	67.4	3.4	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.8	1.8	0.0	-2.5
6025	4460694.21	5339878.76	504.87	0	D	A	67.4	6.8	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.4	1.8	0.0	1.3
6026	4460693.26	5339883.26	504.83	0	D	A	67.4	6.5	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.3	1.8	0.0	1.1
6027	4460692.48	5339886.98	504.80	0	D	A	67.4	5.0	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-0.2
6028	4460691.63	5339891.06	504.77	0	D	A	67.4	7.1	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	1.9
6029	4460691.08	5339893.68	504.75	0	D	A	67.4	-7.0	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-12.3
6030	4460690.42	5339896.80	504.73	0	D	A	67.4	7.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.7	1.8	0.0	2.0
6031	4460694.90	5339875.45	504.89	2	D	A	67.4	3.7	0.9	3.0	0.0	68.7	1.9	4.7	0.0	0.0	0.2	1.8	17.0	-119.3
6032	4460694.70	5339876.40	504.88	1	D	A	67.4	6.3	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.8	1.9	13.9	-19.8
6033	4460693.93	5339880.08	504.86	1	D	A	67.4	5.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.1	1.9	14.0	-21.5
6034	4460692.54	5339886.72	504.81	1	D	A	67.4	10.1	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	5.1	1.9	14.0	-16.4
6035	4460691.21	5339893.07	504.76	1	D	A	67.4	4.2	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.8	1.9	13.9	-22.0
6037	4460690.88	5339894.63	504.75	1	D	A	67.4	-2.4	0.9	3.0	0.0	70.1	2.1	4.7	0.0	0.0	4.6	1.9	13.7	-28.2
6038	4460694.75	5339876.20	504.89	2	D	A	67.4	5.9	0.9	3.0	0.0	70.6	2.2	4.7	0.0	0.0	0.4	1.9	45.6	-48.1
6090	4460690.00	5339902.02	504.69	0	D	A	67.4	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.5	1.8	0.0	0.8
6092	4460690.23	5339904.45	504.68	0	D	A	67.4	-3.4	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-8.7
6094	4460690.28	5339905.00	504.67	0	D	A	67.4	-1.9	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-7.1
6096	4460690.52	5339907.53	504.65	0	D	A	67.4	6.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	1.2
6097	4460692.21	5339913.89	504.49	0	D	A	67.4	9.5	0.9	3.0	0.0	68.2	1.8	4.7	0.0	0.0	0.1	1.8	0.0	4.2
6098	4460693.83	5339918.42	504.33	0	D	A	67.4	-0.9	0.9	3.0	0.0	68.1	1.8	4.7	0.0	0.0	0.1	1.8	0.0	-6.1