Sound Power Compliance

Boggabri Coal Mine

2025

Revision 0

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Report - Sound Power Compliance - Boggabri Coal Mine - 2025

This report has been prepared within the specific requirements agreed between Thearle Engineering and Boggabri Coal Mine. This report was prepared with background information, terms of reference and assumptions agreed with Boggabri Coal Mine. The report is not intended for use by any other individual or organisation. Thearle Engineering will not accept liability for use of the information contained in this report, other than that which was intended at the time of writing.

Introduction:

Thearle Engineering has prepared this report at the request of Boggabri Coal. This report details the results of the annual requirement of sound power testing of 1/3 of the attenuated HME fleet as required by the current Boggabri Coal Noise Management Plan. The testing has been conducted and reported to maintain consistency with previous sound power testing conducted onsite. The machines were tested utilising methodologies consistent with current testing methods employed onsite and throughout the NSW Coal Industry.

6.5 Mobile plant monitoring

In accordance with Conditions 9 and 10 of Schedule 3, equipment and noise control measures used at BCM will have their sound power levels quantified once every three years. BCOPL will test a third of the equipment each year to achieve a representative sample.

This annual monitoring program of attenuated plant will aim to assess the effectiveness of the attenuation. Equipment and noise control measures will be maintained to minimise site noise emissions.

The results of the monitoring and attenuation program will be included in the BCOPL Annual Review, which will be made publicly available on the BCM website (Idemitsu Approvals, Plans & Reports - Idemitsu).

Extract from Boggabri Coal Noise Management Plan

Referenced Standards:

AS 5335:2019	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane
AS ISO 6393:2019	Earth-moving machinery – Determination of sound power level Stationary test conditions
AS ISO 6395:2020	Earth-moving machinery – Determination of sound power level Dynamic test conditions
MDG15	Guideline for mobile and transportable equipment for use in mines
ENV-NOI-PLN-001 Noise Management Plan_V15	Boggabri Coal Operations Pty Ltd Noise Management Plan March 2024, Revision No. 15
J0130-30-R2	Boggabri Coal Pty Limited Acoustic Impact Assessment Continuation of Boggabri Coal Mine Environmental Assessment 12 October 2010
20144 RP#1 V3	Noise Impact Assessment Boggabri Coal Mine Modification 8 - Amendment

Test Configuration:

In accordance with previous years of Annual Sound Testing, testing has been conducted using the methods described in AS ISO 6393 and AS ISO 6395. Haul Truck dynamic testing has been adjusted to Uphill Loaded and Downhill Unloaded. Water Cart and Service Cart dynamic testing has been adjusted to Uphill and Downhill Loaded. The methodology utilised is noted in the test results.

Note: Where the Acoustic Impact Assessment reports values to 1 significant figure, these have been rounded to the nearest integer to align with the requirements of AS 5335:2019.

Testing Equipment:

Class 1 Sound Meters Pattern Approved to IEC 61672:2013 and IEC 61260:2014.

	Serial Number	Microphone and Preamp Serial Number	Calibration Date	Calibration Expiry
NTI XL2-TA	A2A-19615-E0	A19789 / 7865	11/07/2025	11/07/2027
NTI XL2-TA	A2A-18632-E0	A20339 / 9696	14/07/2025	14/07/2027
NTI XL2-TA	A2A-14826-E0	A20326 / 9691	14/07/2025	14/07/2027
NTI XL2-TA	A2A-14797-E0	A15893 / 7656	06/03/2024	06/03/2026
NTI XL2-TA	A2A-16636-E0	A15916 / 8979	06/03/2024	06/03/2026
NTI XL2-TA	A2A-18591-E0	A17538 / 9599	29/02/2024	29/02/2026
NTI XL2-TA	A2A-18907-E0	A20339 / 9696	11/08/2023	11/08/2025
NTI XL2-TA	A2A-18699-E0	A20326 / 9691	11/08/2023	11/08/2025
NTI XL2-TA	A2A-18906-E0	A19781 / 9601	11/08/2023	11/08/2025
Precision Calibrator CAL200	16048		17/07/2025	17/07/2026
Precision Calibrator CAL200	15642		17/07/2025	17/07/2026
Precision Calibrator CAL200	18282		30/01/2025	30/01/2026
Precision Calibrator CAL200	18292		30/01/2025	30/01/2026

Calibration Certificates are supplied separately on request.

Atmospheric Conditions:

Sound Test Date	Temperature	Wind Speed	Barometric Pressure	Relative Humidity
03/04/2025	19 °C	< 20 KPH	1011 hPa	90 %
19/09/2025	28 °C	< 20 KPH	1025 hPa	40 %
25/09/2025	25 °C	< 20 KPH	1020 hPa	38 %
29/09/2025	28 °C	< 20 KPH	1015 hPa	26 %
22/10/2025	27 °C	< 10 KPH	1003 hPa	60 %
06/11/2025	30 °C	< 20 KPH	1014 hPa	20 %
07/11/2025	33 °C	< 30 KPH	1012 hPa	40 %
17/12/2025	35 °C	< 20 KPH	1019 hPa	45 %
18/12/2025	35 °C	< 20 KPH	1017 hPa	40 %
22/01/2026	28 °C	< 30 KPH	1006 hPa	52 %
11/02/2026	38 °C	< 10 KPH	1010 hPa	50 %

Results:

The following results detail the sound power test measurements for each machine tested during the reporting period.

Dozer

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Forwards	Dynamic Test Reverse	Boggabri Coal Mine Target	Exceedance	Compliant
TD084	Komatsu D475A	11/02/2026	106 dBA / 115 dB	115 dBA / 120 dB	116 dBA / 122 dB	117 dBA / 122 dB	- dBA / - dB	Yes
TD086	Komatsu D475A	11/02/2026	106 dBA / 115 dB	115 dBA / 120 dB	116 dBA / 122 dB	117 dBA / 122 dB	- dBA / - dB	Yes

Drill

Unit Number	Model	Test Date	Stationary Test	Loaded Test	Boggabri Coal Mine Target	Exceedance	Compliant
311	CAT MD6250	03/04/2025	114 dBA / 119 dB	115 dBA / 120 dB	117 dBA / 129 dB	- dBA / - dB	Yes
312	CAT MD6250	03/04/2025	114 dBA / 118 dB	114 dBA / 118 dB	117 dBA / 129 dB	- dBA / - dB	Yes
313	CAT MD6250	03/04/2025	113 dBA / 118 dB	113 dBA / 118 dB	117 dBA / 129 dB	- dBA / - dB	Yes
314	CAT MD6250	03/04/2025	114 dBA / 118 dB	115 dBA / 119 dB	117 dBA / 129 dB	- dBA / - dB	Yes
315	Atlas Copco DML	03/04/2025	119 dBA / 127 dB	119 dBA / 126 dB	117 dBA / 129 dB	2 dBA / - dB	No

Excavator

Unit Number	Model	Test Date	Stationary Test	Dynamic Test	Boggabri Coal Mine Target	Exceedance	Compliant
132	Liebherr 9800	22/01/2026	113 dBA / 125 dB	117 dBA / 126 dB	117 dBA / 126 dB	- dBA / - dB	Yes

Grader

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Forwards	Dynamic Test	Boggabri Coal Mine Target	Exceedance	Compliant
GR062	CAT 24M	11/02/2026	108 dBA / 118 dB	109 dBA / 118 dB		108 dBA / 117 dB	1 dBA / 1 dB	No
GR064	CAT 24	22/10/2025	108 dBA / 117 dB		108 dBA / 117 dB	108 dBA / 117 dB	- dBA / - dB	Yes

Haul Truck

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Uphill	Dynamic Test Downhill	Boggabri Coal Mine Target	Exceedance	Compliant
DT291	Komatsu 930E-4	19/09/2025	119 dBA / 128 dB	126 dBA / 138 dB	123 dBA / 129 dB	121 dBA / 130 dB	5 dBA / 8 dB	No
DT305	Hitachi EH3500	18/12/2025	116 dBA / 125 dB	115 dBA / 128 dB	114 dBA / 121 dB	117 dBA / 129 dB	- dBA / - dB	Yes
DT307	Hitachi EH3500	07/11/2025	117 dBA / 126 dB	117 dBA / 129 dB	115 dBA / 123 dB	117 dBA / 129 dB	- dBA / - dB	Yes
DT308	Hitachi EH3500	18/12/2025	115 dBA / 123 dB	118 dBA / 129 dB	114 dBA / 120 dB	117 dBA / 129 dB	1 dBA / - dB	No
DT316	Hitachi EH3500	07/11/2025	117 dBA / 124 dB	119 dBA / 129 dB	116 dBA / 121 dB	117 dBA / 129 dB	2 dBA / - dB	No
DT317	Hitachi EH3500	17/12/2025	117 dBA / 123 dB	118 dBA / 127 dB	114 dBA / 120 dB	117 dBA / 129 dB	1 dBA / - dB	No
DT319	Hitachi EH3500	18/12/2025	116 dBA / 124 dB	119 dBA / 129 dB	114 dBA / 122 dB	117 dBA / 129 dB	2 dBA / - dB	No
DT320	Hitachi EH3500	07/11/2025	116 dBA / 127 dB	118 dBA / 129 dB	115 dBA / 122 dB	117 dBA / 129 dB	1 dBA / - dB	No
DT321	Hitachi EH3500	17/12/2025	115 dBA / 123 dB	117 dBA / 127 dB	114 dBA / 121 dB	117 dBA / 129 dB	- dBA / - dB	Yes
DT322	Hitachi EH3500	18/12/2025	116 dBA / 123 dB	118 dBA / 128 dB	114 dBA / 121 dB	117 dBA / 129 dB	1 dBA / - dB	No
DT324	Hitachi EH3500	18/12/2025	116 dBA / 124 dB	118 dBA / 128 dB	114 dBA / 121 dB	117 dBA / 129 dB	1 dBA / - dB	No
DT720	Komatsu 930E-4	07/11/2025	116 dBA / 126 dB	117 dBA / 128 dB	121 dBA / 124 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT721	Komatsu 930E-4	07/11/2025	117 dBA / 125 dB	119 dBA / 132 dB	121 dBA / 126 dB	121 dBA / 130 dB	- dBA / 2 dB	No
DT722	Komatsu 930E-4	18/12/2025	118 dBA / 125 dB	120 dBA / 131 dB	118 dBA / 124 dB	121 dBA / 130 dB	- dBA / 1 dB	No
DT723	Komatsu 930E-4	07/11/2025	118 dBA / 126 dB	120 dBA / 130 dB	121 dBA / 126 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT724	Komatsu 930E-4	07/11/2025	118 dBA / 125 dB	119 dBA / 129 dB	121 dBA / 125 dB	121 dBA / 130 dB	- dBA / - dB	Yes

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Uphill	Dynamic Test Downhill	Boggabri Coal Mine Target	Exceedance	Compliant
DT725	Komatsu 930E-4	17/12/2025	118 dBA / 125 dB	119 dBA / 126 dB	120 dBA / 122 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT748	Komatsu 930E-4	17/12/2025	118 dBA / 127 dB	122 dBA / 135 dB	120 dBA / 127 dB	121 dBA / 130 dB	1 dBA / 5 dB	No
DT749	Komatsu 930E-4	06/11/2025	118 dBA / 127 dB	122 dBA / 133 dB	121 dBA / 126 dB	121 dBA / 130 dB	1 dBA / 3 dB	No
DT750	Komatsu 930E-4	06/11/2025	116 dBA / 125 dB	122 dBA / 134 dB	120 dBA / 127 dB	121 dBA / 130 dB	1 dBA / 4 dB	No
DT751	Komatsu 930E-4	18/12/2025	119 dBA / 128 dB	122 dBA / 135 dB	117 dBA / 124 dB	121 dBA / 130 dB	1 dBA / 5 dB	No
DT752	Komatsu 930E-4	06/11/2025	115 dBA / 124 dB	120 dBA / 133 dB	123 dBA / 124 dB	121 dBA / 130 dB	2 dBA / 3 dB	No
DT753	Komatsu 930E-4	06/11/2025	118 dBA / 128 dB	121 dBA / 132 dB	121 dBA / 124 dB	121 dBA / 130 dB	- dBA / 2 dB	No
DT755	Komatsu 930E-4	06/11/2025	119 dBA / 128 dB	121 dBA / 133 dB	120 dBA / 124 dB	121 dBA / 130 dB	- dBA / 3 dB	No
DT756	Komatsu 930E-4	07/11/2025	120 dBA / 126 dB	122 dBA / 131 dB	121 dBA / 124 dB	121 dBA / 130 dB	1 dBA / 1 dB	No
DT757	Komatsu 930E-4	18/12/2025	118 dBA / 127 dB	119 dBA / 129 dB	120 dBA / 125 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT807	Komatsu 930E-5	06/11/2025	112 dBA / 120 dB	120 dBA / 129 dB	113 dBA / 121 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT808	Komatsu 930E-5	06/11/2025	112 dBA / 120 dB	120 dBA / 129 dB	109 dBA / 120 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT809	Komatsu 930E-5	06/11/2025	112 dBA / 119 dB	119 dBA / 128 dB	110 dBA / 118 dB	121 dBA / 130 dB	- dBA / - dB	Yes
DT810	Komatsu 930E-5	07/11/2025	113 dBA / 120 dB	118 dBA / 128 dB	112 dBA / 120 dB	121 dBA / 130 dB	- dBA / - dB	Yes

Wheeled Dozer

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Forwards	Dynamic Test Reverse	Boggabri Coal Mine Target	Exceedance	Compliant
WD001	CAT 854K	11/02/2026	108 dBA / 118 dB	109 dBA / 118 dB	110 dBA / 119 dB	110 dBA / 119 dB	- dBA / - dB	Yes

Loader

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Forwards	Dynamic Test Reverse	Boggabri Coal Mine Target	Exceedance	Compliant
WL188	Komatsu WA1200	11/02/2026	115 dBA / 123 dB	116 dBA / 123 dB	117 dBA / 123 dB	119 dBA / 127 dB	- dBA / - dB	Yes

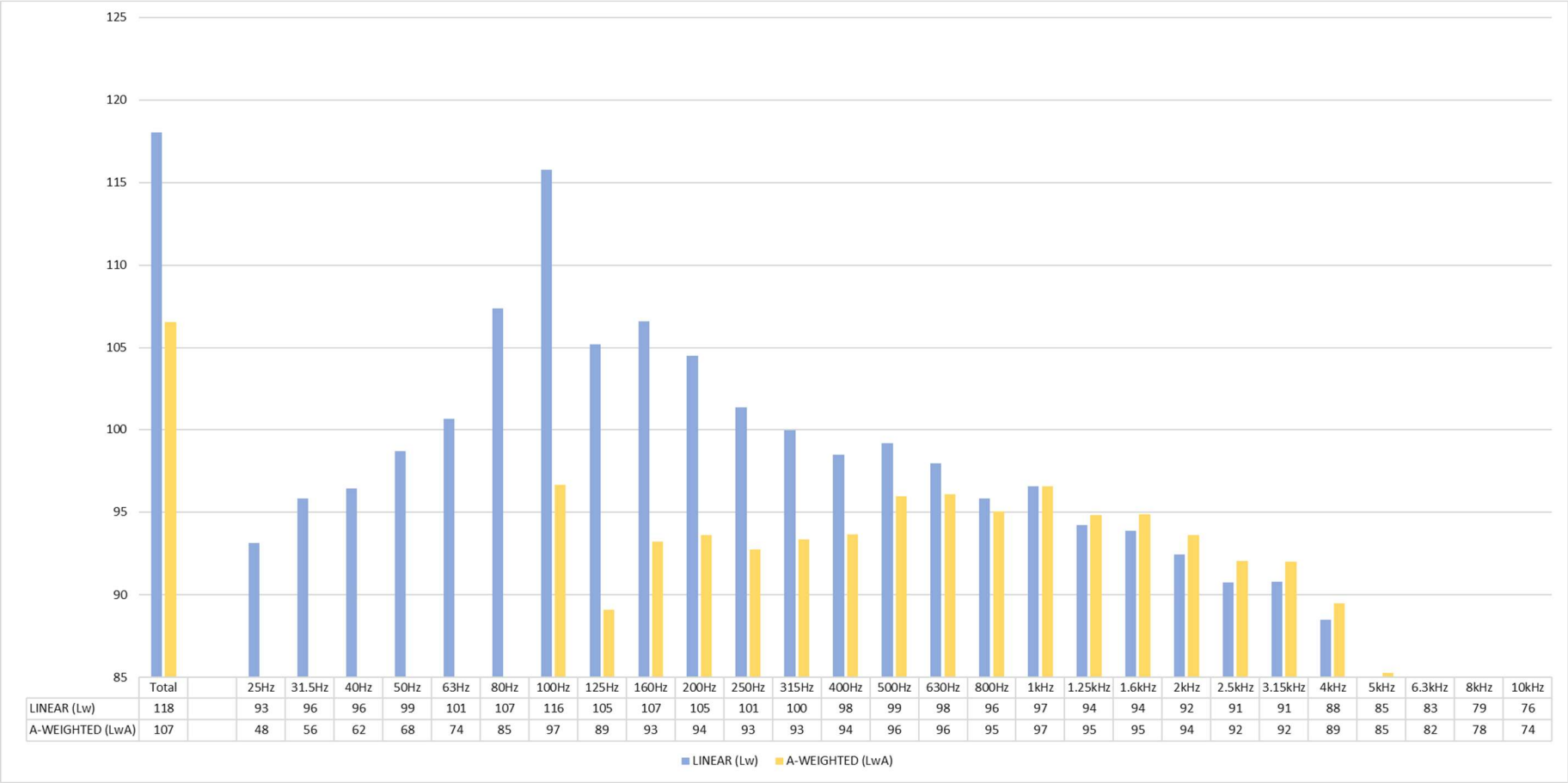
Service Truck

Unit Number	Model	Test Date	Stationary Test	Dynamic Test Uphill	Dynamic Test Downhill	Boggabri Coal Mine Flat Ground Target	Boggabri Coal Mine Uphill Target	Exceedance	Compliant
TK828	CAT 775G	11/02/2026	116 dBA / 125 dB	117 dBA / 126 dB	116 dBA / 123 dB	117 dBA / 126 dB	119 dBA / 125 dB	- dBA / 1 dB	No
TK829	CAT 775G	11/02/2026	114 dBA / 125 dB	114 dBA / 126 dB	112 dBA / 119 dB	117 dBA / 126 dB	119 dBA / 125 dB	- dBA / 1 dB	No

Water Cart

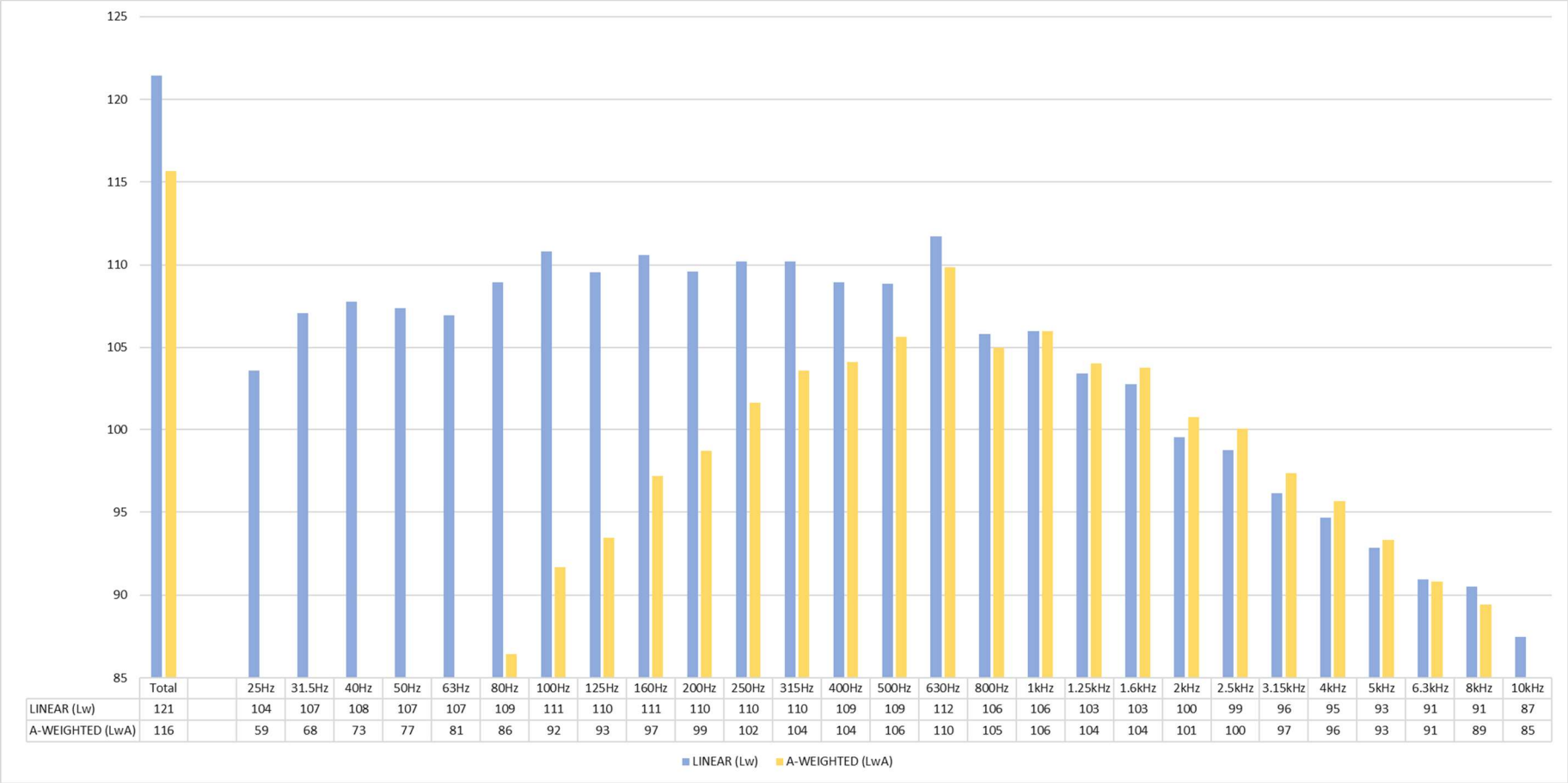
Unit Number	Model	Test Date	Stationary Test	Dynamic Test Uphill	Dynamic Test Downhill	Boggabri Coal Mine Target	Exceedance	Compliant
WC029	Komatsu HD785	17/12/2025	115 dBA / 123 dB	115 dBA / 124 dB	112 dBA / 119 dB	120 dBA / 126 dB	- dBA / - dB	Yes
WC045	CAT 789D	25/09/2025	114 dBA / 118 dB	115 dBA / 120 dB	114 dBA / 119 dB	117 dBA / 128 dB	- dBA / - dB	Yes
WC046	CAT 789D	19/09/2025	114 dBA / 118 dB	115 dBA / 120 dB	115 dBA / 119 dB	117 dBA / 128 dB	- dBA / - dB	Yes
WC047	CAT 789D	29/09/2025	114 dBA / 117 dB	115 dBA / 119 dB	115 dBA / 120 dB	117 dBA / 128 dB	- dBA / - dB	Yes

Appendix A



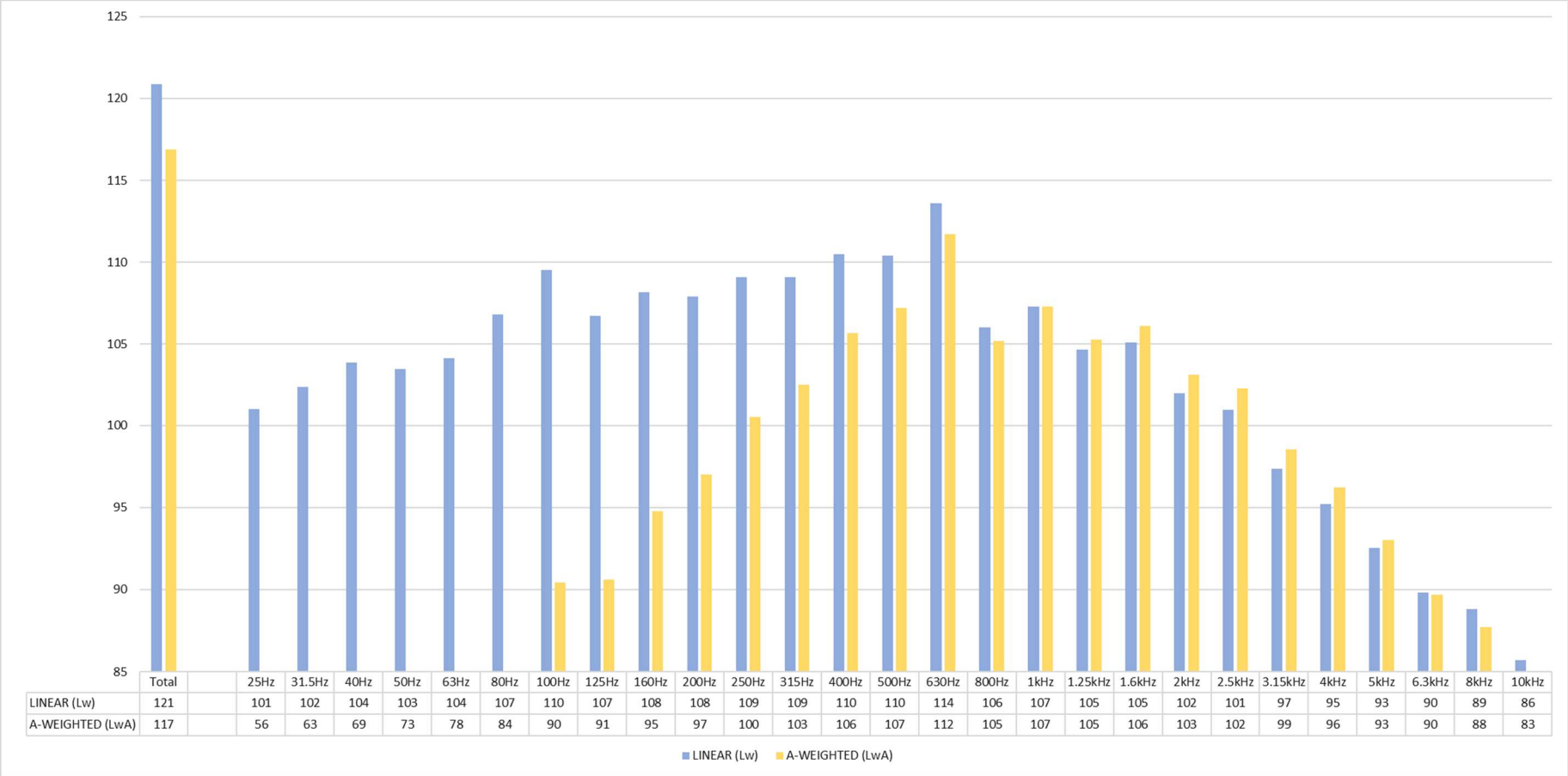
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118	93	96	96	99	101	107	116	105	107	105	101	100	98	99	98	96	97	94	94	92	91	91	88	85	83	79	76
A-WEIGHTED (LwA)	107	48	56	62	68	74	85	97	89	93	94	93	93	94	96	96	95	97	95	95	94	92	92	89	85	82	78	74

Figure 2: TD084 Stationary Test



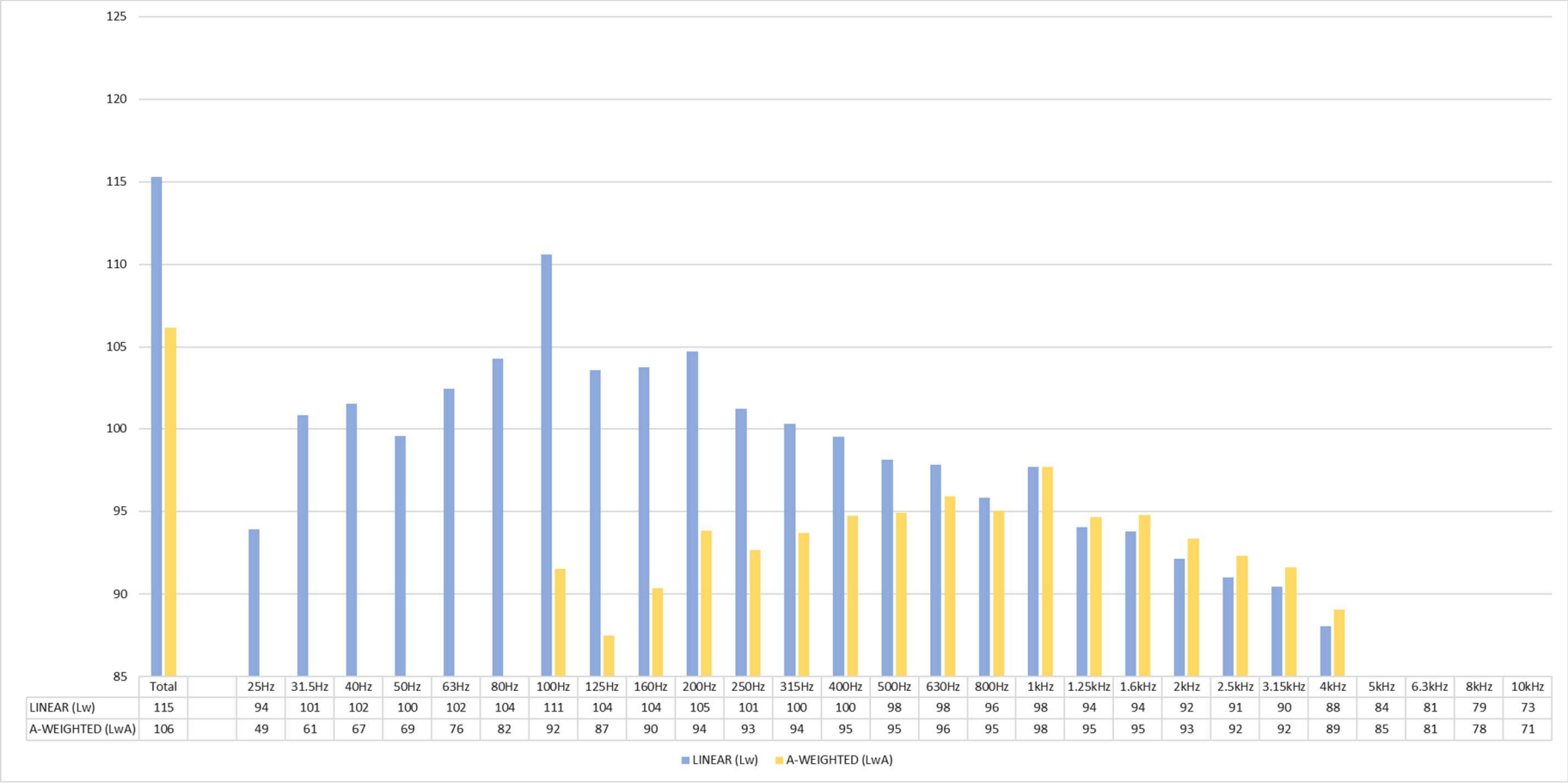
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121		104	107	108	107	107	109	111	110	111	110	110	110	109	109	112	106	106	103	103	100	99	96	95	93	91	91	87
A-WEIGHTED (LwA)	116		59	68	73	77	81	86	92	93	97	99	102	104	104	106	110	105	106	104	104	101	100	97	96	93	91	89	85

Figure 3: TD084 Dynamic Test Forwards



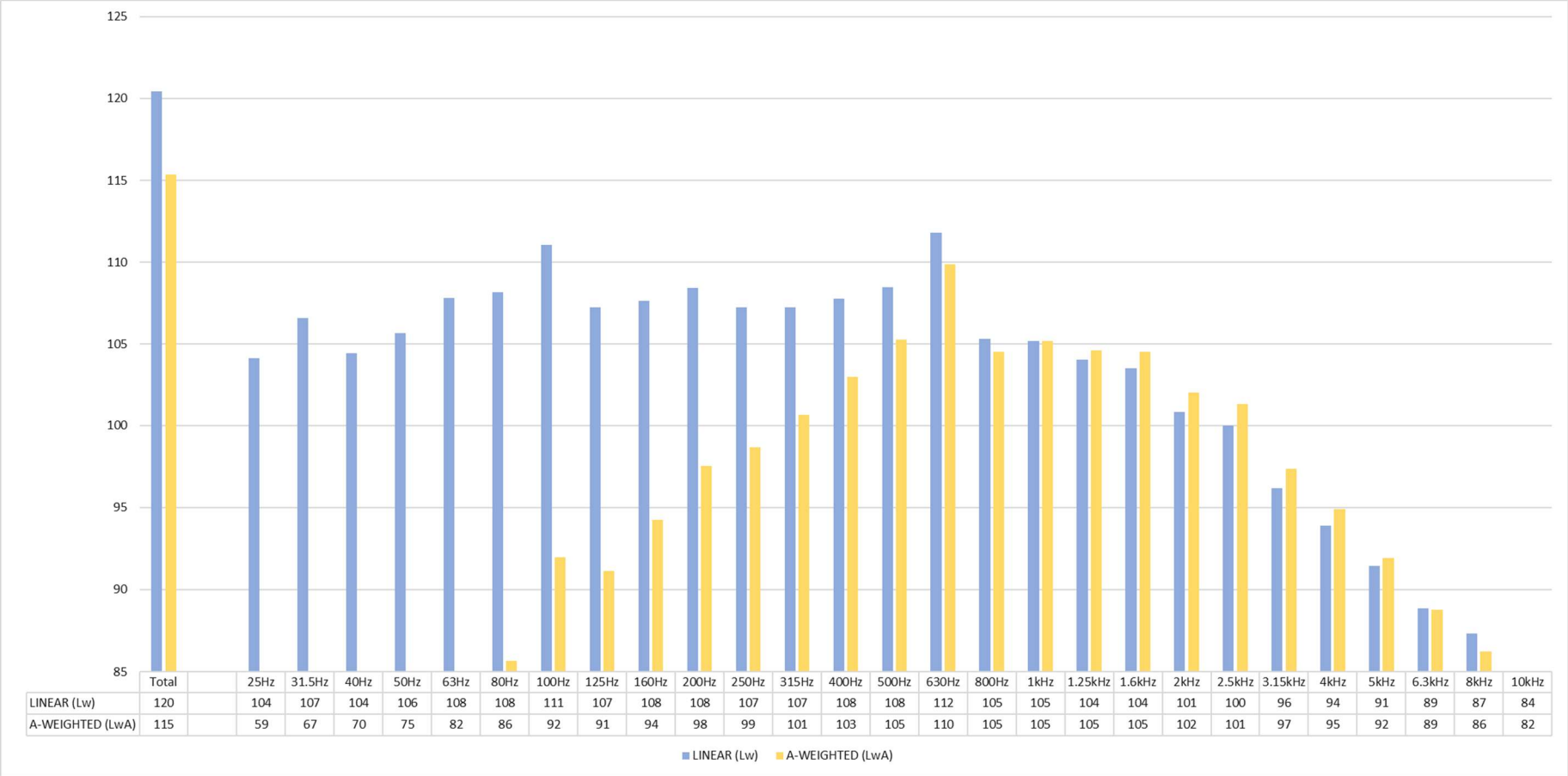
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121	101	102	104	103	104	107	110	107	108	108	109	109	110	110	114	106	107	105	105	102	101	97	95	93	90	89	86
A-WEIGHTED (LwA)	117	56	63	69	73	78	84	90	91	95	97	100	103	106	107	112	105	107	105	106	103	102	99	96	93	90	88	83

Figure 4: TD084 Dynamic Test Reverse



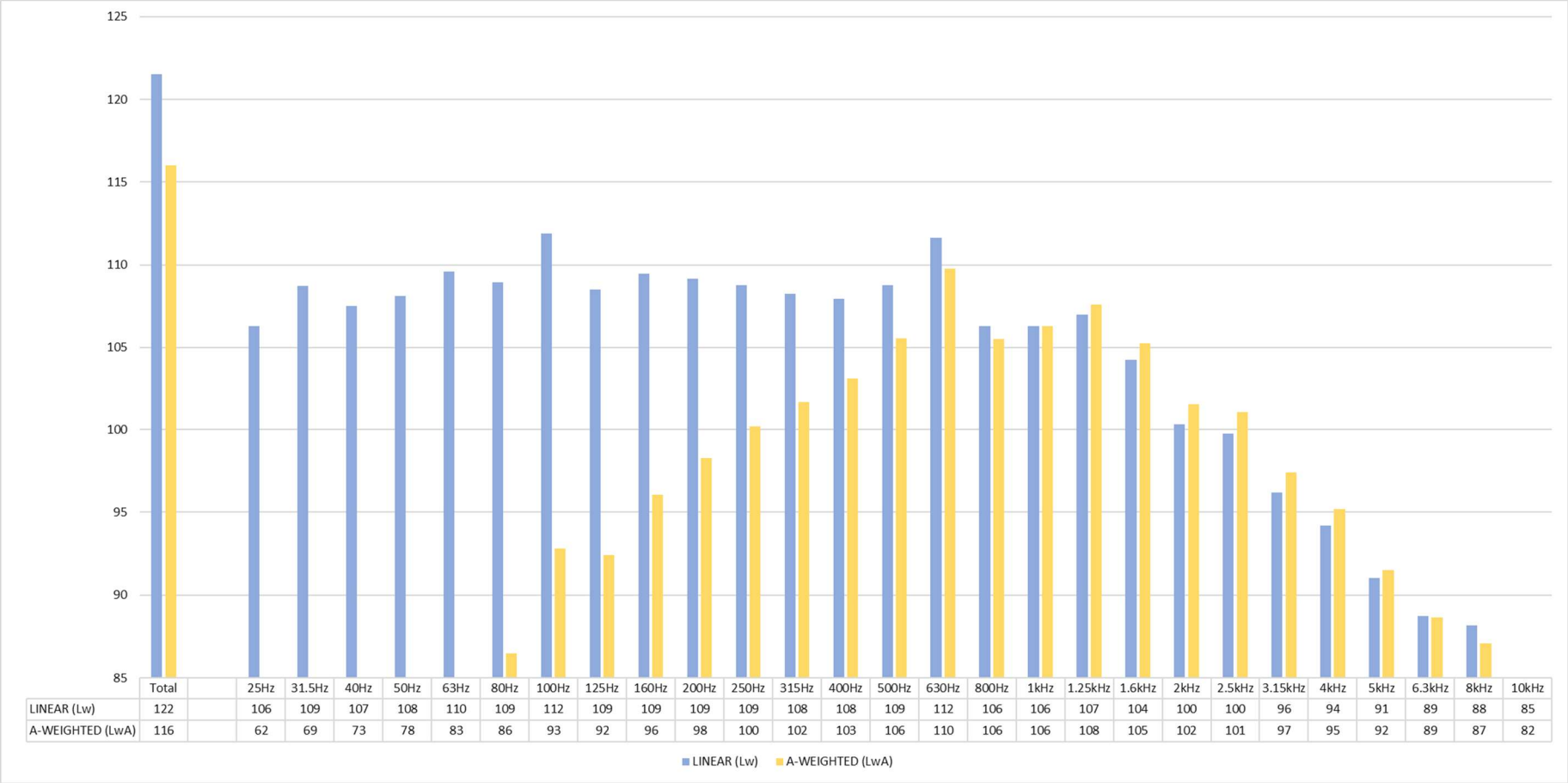
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	115		94	101	102	100	102	104	111	104	104	105	101	100	100	98	98	96	98	94	94	92	91	90	88	84	81	79	73
A-WEIGHTED (LwA)	106		49	61	67	69	76	82	92	87	90	94	93	94	95	95	96	95	98	95	95	93	92	92	89	85	81	78	71

Figure 5: TD086 Stationary Test



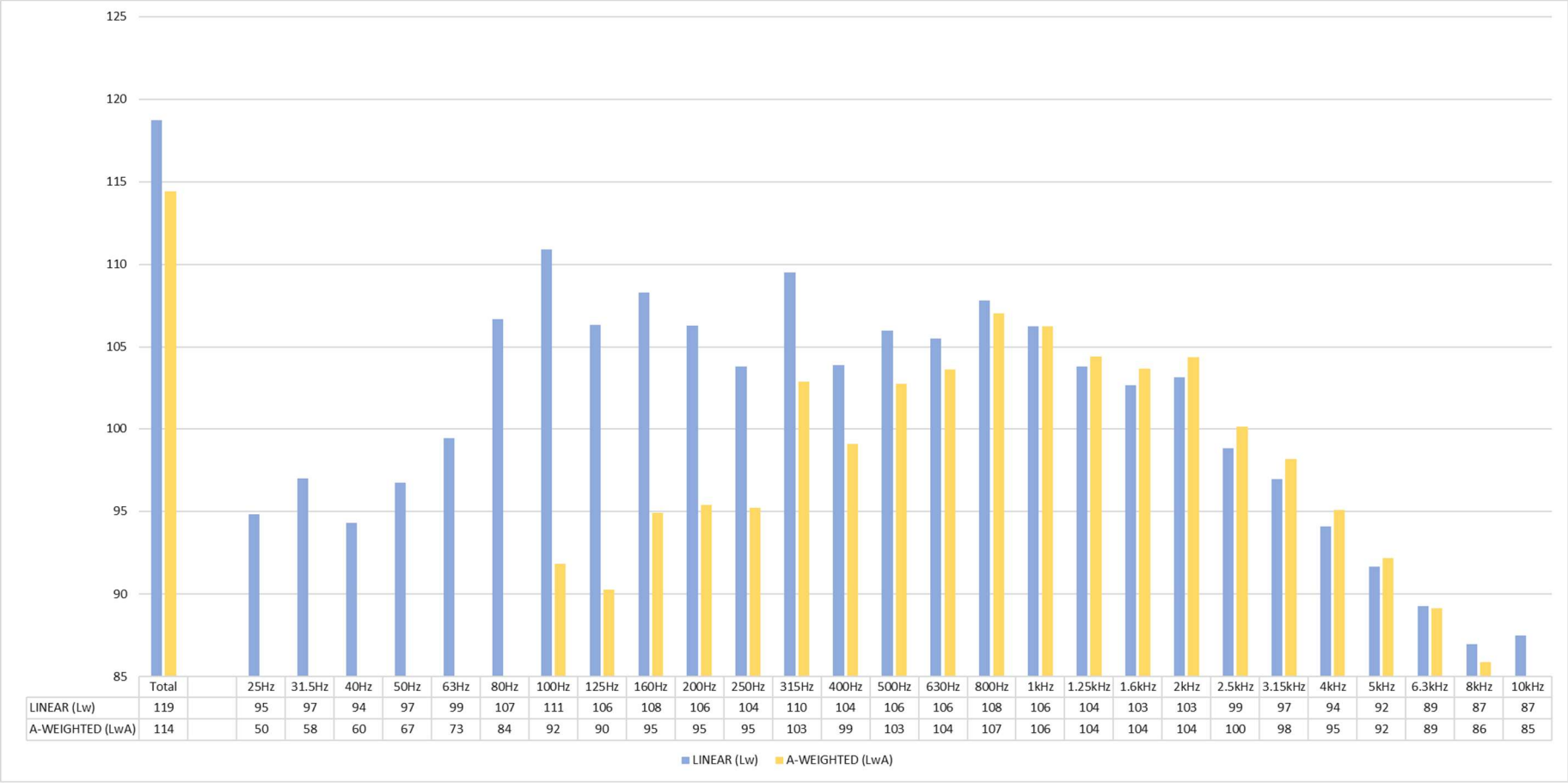
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		104	107	104	106	108	108	111	107	108	108	107	107	108	108	112	105	105	104	104	101	100	96	94	91	89	87	84
A-WEIGHTED (LwA)	115		59	67	70	75	82	86	92	91	94	98	99	101	103	105	110	105	105	105	105	102	101	97	95	92	89	86	82

Figure 6: TD086 Dynamic Test Forwards



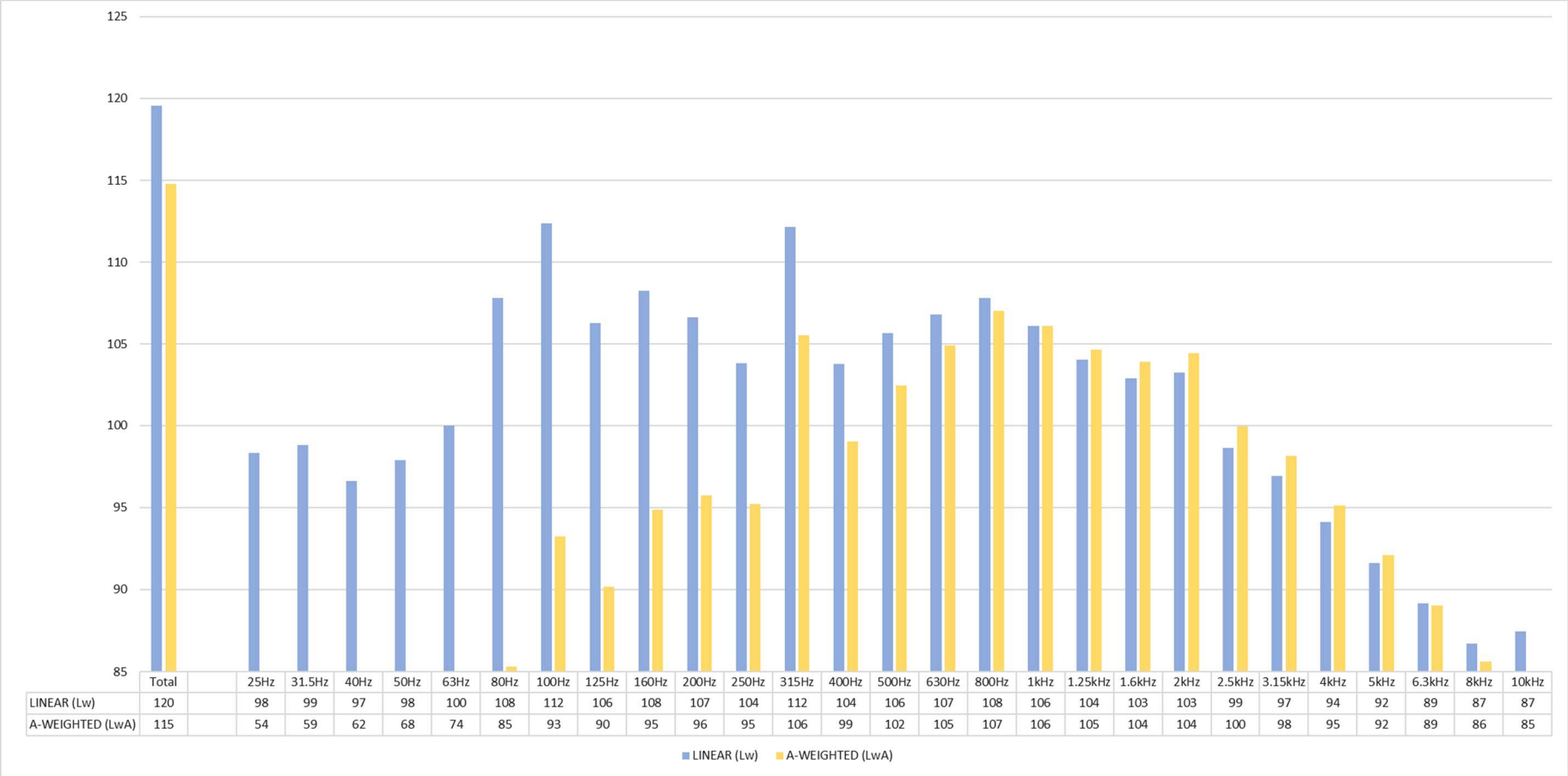
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	122		106	109	107	108	110	109	112	109	109	109	109	108	108	109	112	106	106	107	104	100	100	96	94	91	89	88	85
A-WEIGHTED (LwA)	116		62	69	73	78	83	86	93	92	96	98	100	102	103	106	110	106	106	108	105	102	101	97	95	92	89	87	82

Figure 7: TD086 Dynamic Test Reverse



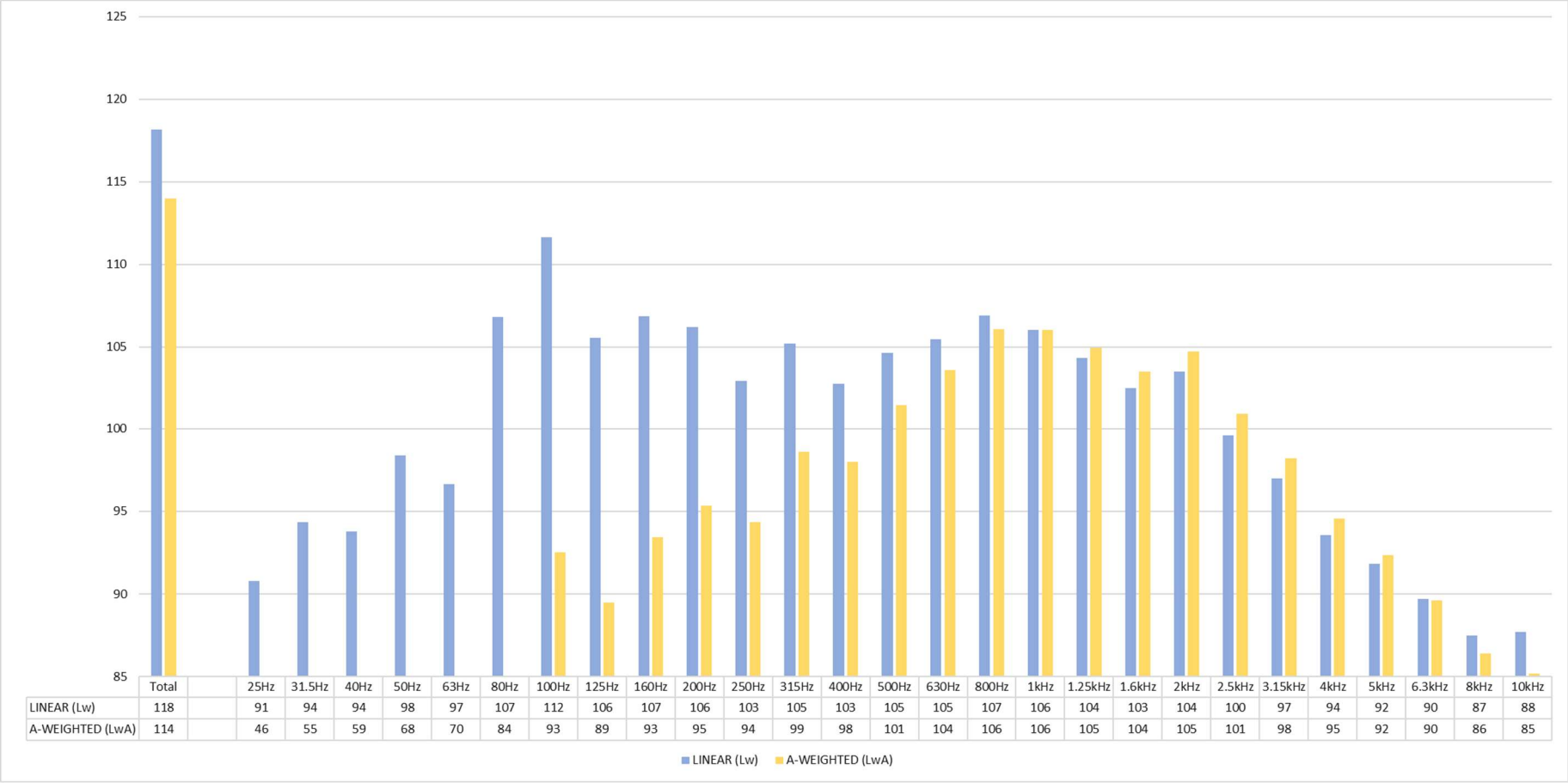
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		95	97	94	97	99	107	111	106	108	106	104	110	104	106	106	108	106	104	103	103	99	97	94	92	89	87	87
A-WEIGHTED (LwA)	114		50	58	60	67	73	84	92	90	95	95	95	103	99	103	104	107	106	104	104	104	100	98	95	92	89	86	85

Figure 8: 311 Stationary Test



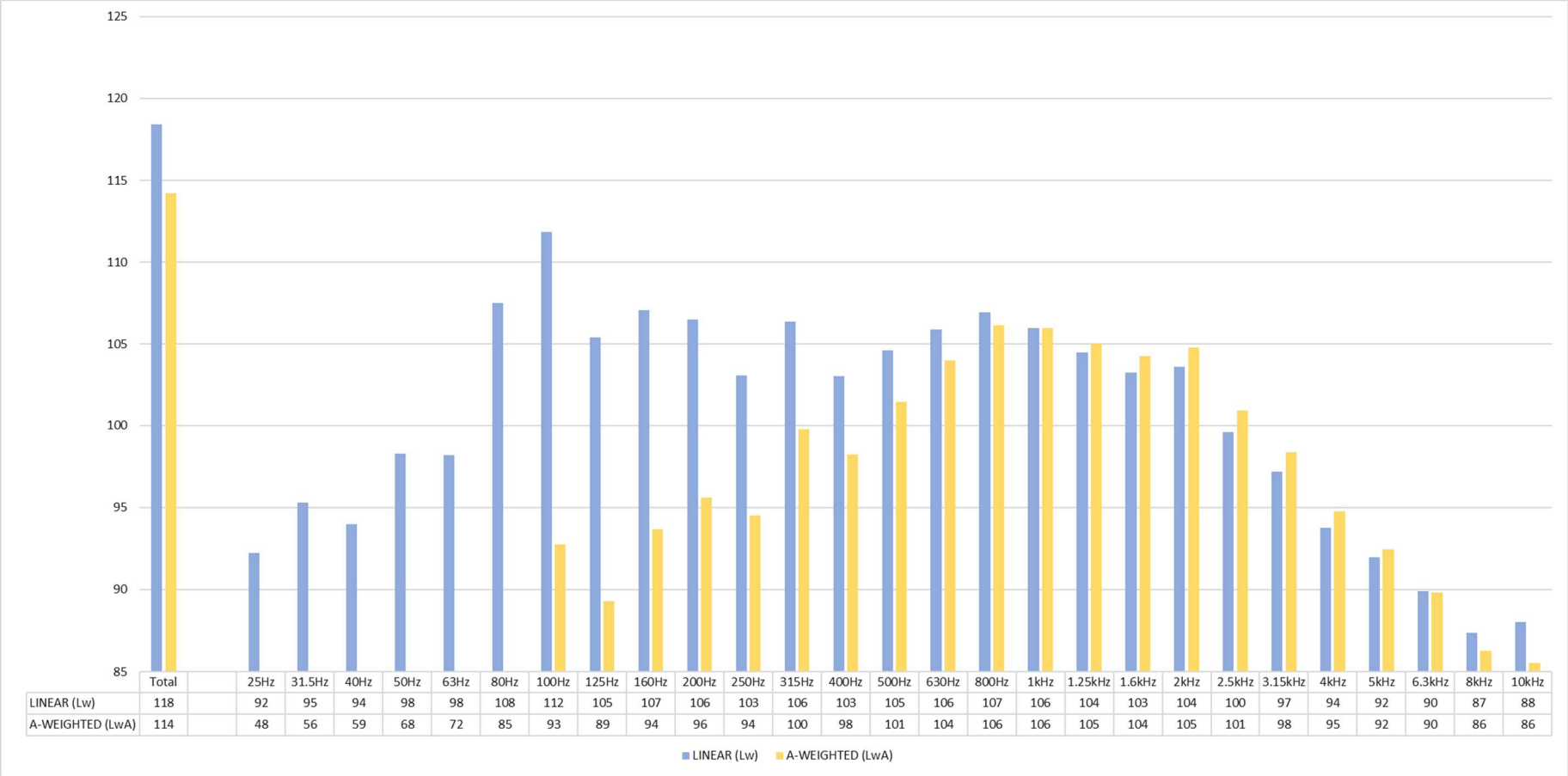
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120	98	99	97	98	100	108	112	106	108	107	104	112	104	106	107	108	106	104	103	103	99	97	94	92	89	87	87
A-WEIGHTED (LwA)	115	54	59	62	68	74	85	93	90	95	96	95	106	99	102	105	107	106	105	104	104	100	98	95	92	89	86	85

Figure 9: 311 Dynamic Test Forwards



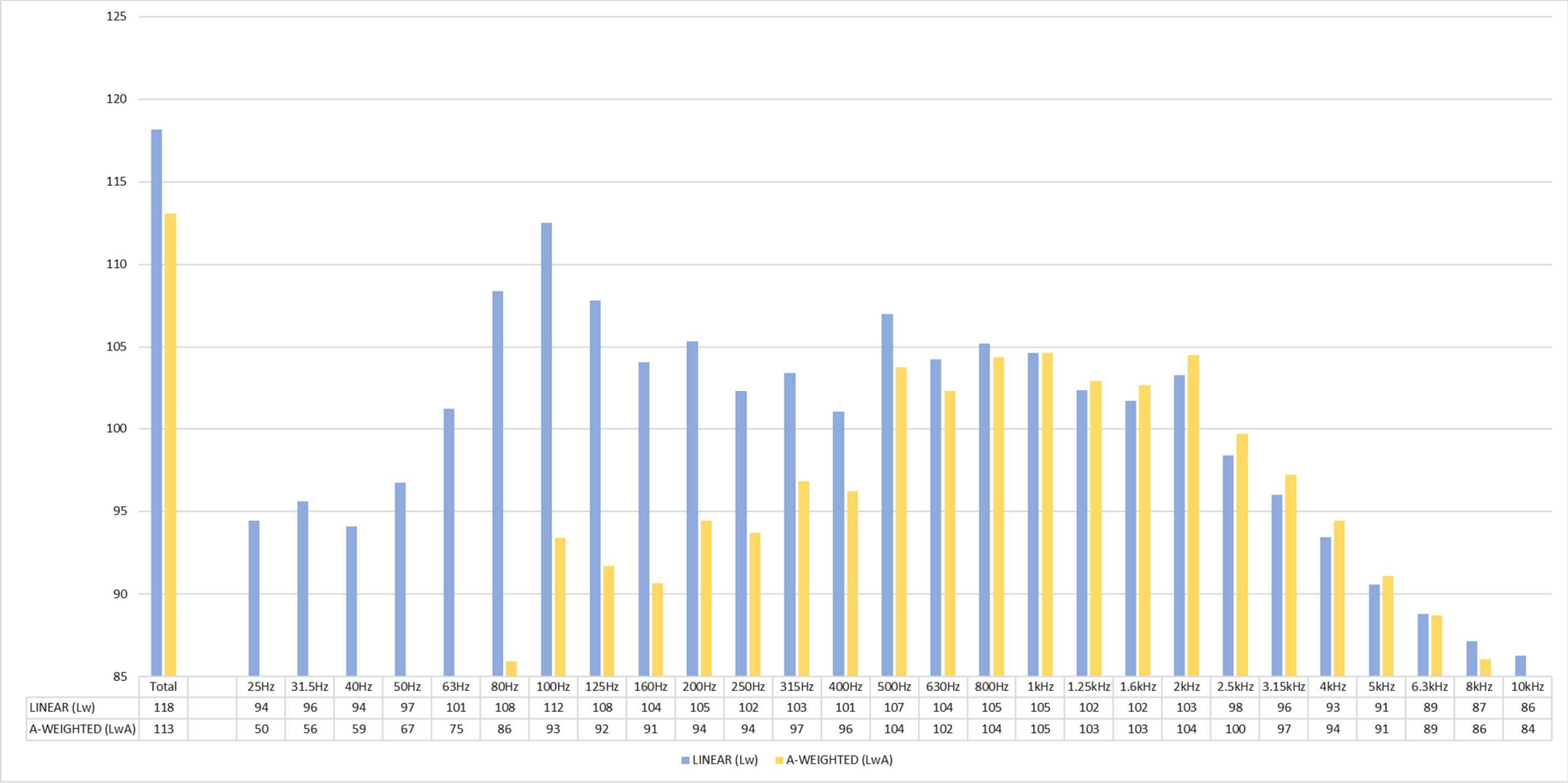
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		91	94	94	98	97	107	112	106	107	106	103	105	103	105	105	107	106	104	103	104	100	97	94	92	90	87	88
A-WEIGHTED (LwA)	114		46	55	59	68	70	84	93	89	93	95	94	99	98	101	104	106	106	105	104	105	101	98	95	92	90	86	85

Figure 10: 312 Stationary Test



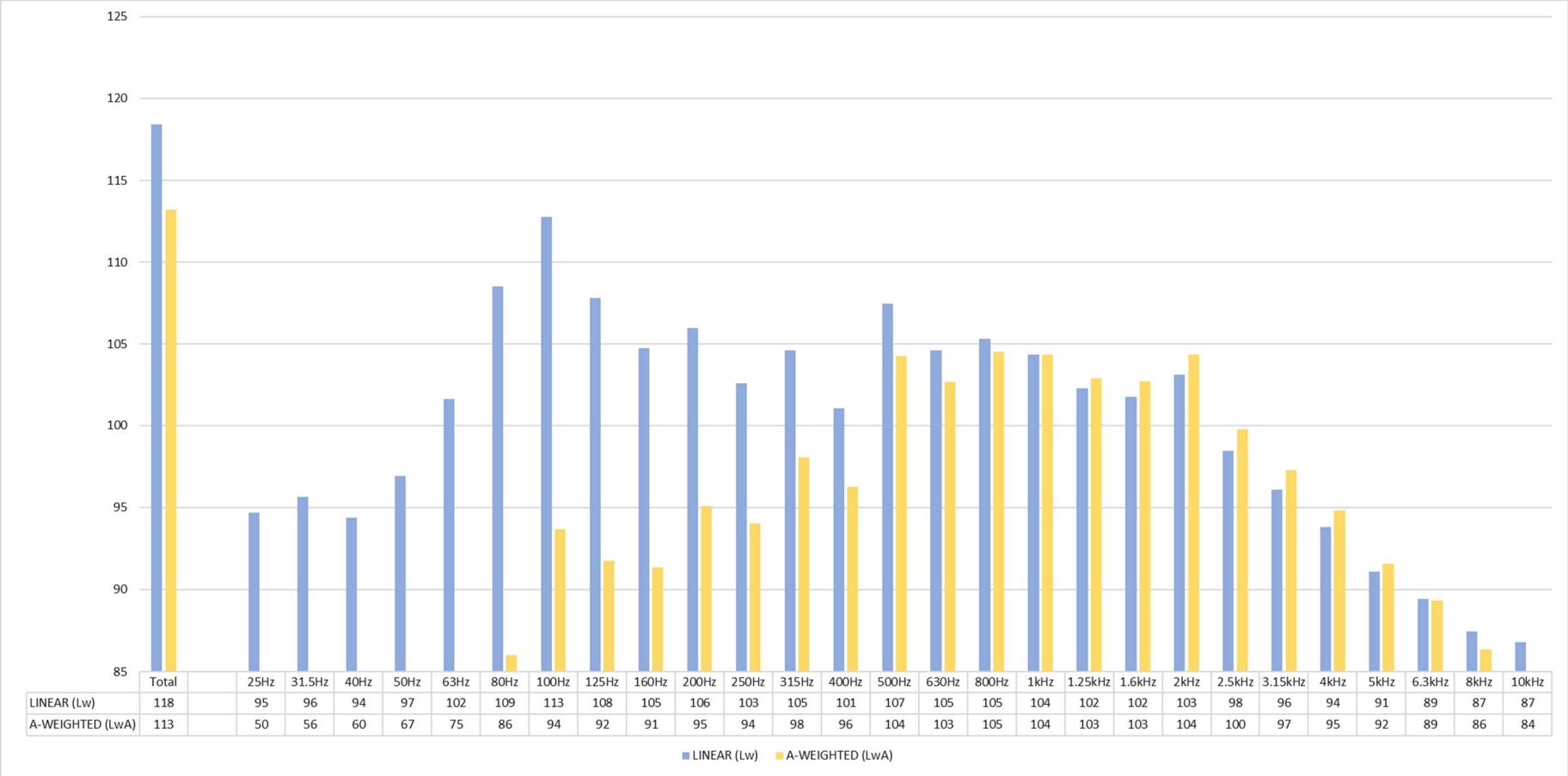
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118	92	95	94	98	98	108	112	105	107	106	103	106	103	105	106	107	106	104	103	104	100	97	94	92	90	87	88
A-WEIGHTED (LwA)	114	48	56	59	68	72	85	93	89	94	96	94	100	98	101	104	106	106	105	104	105	101	98	95	92	90	86	86

Figure 11: 312 Dynamic Test Forwards



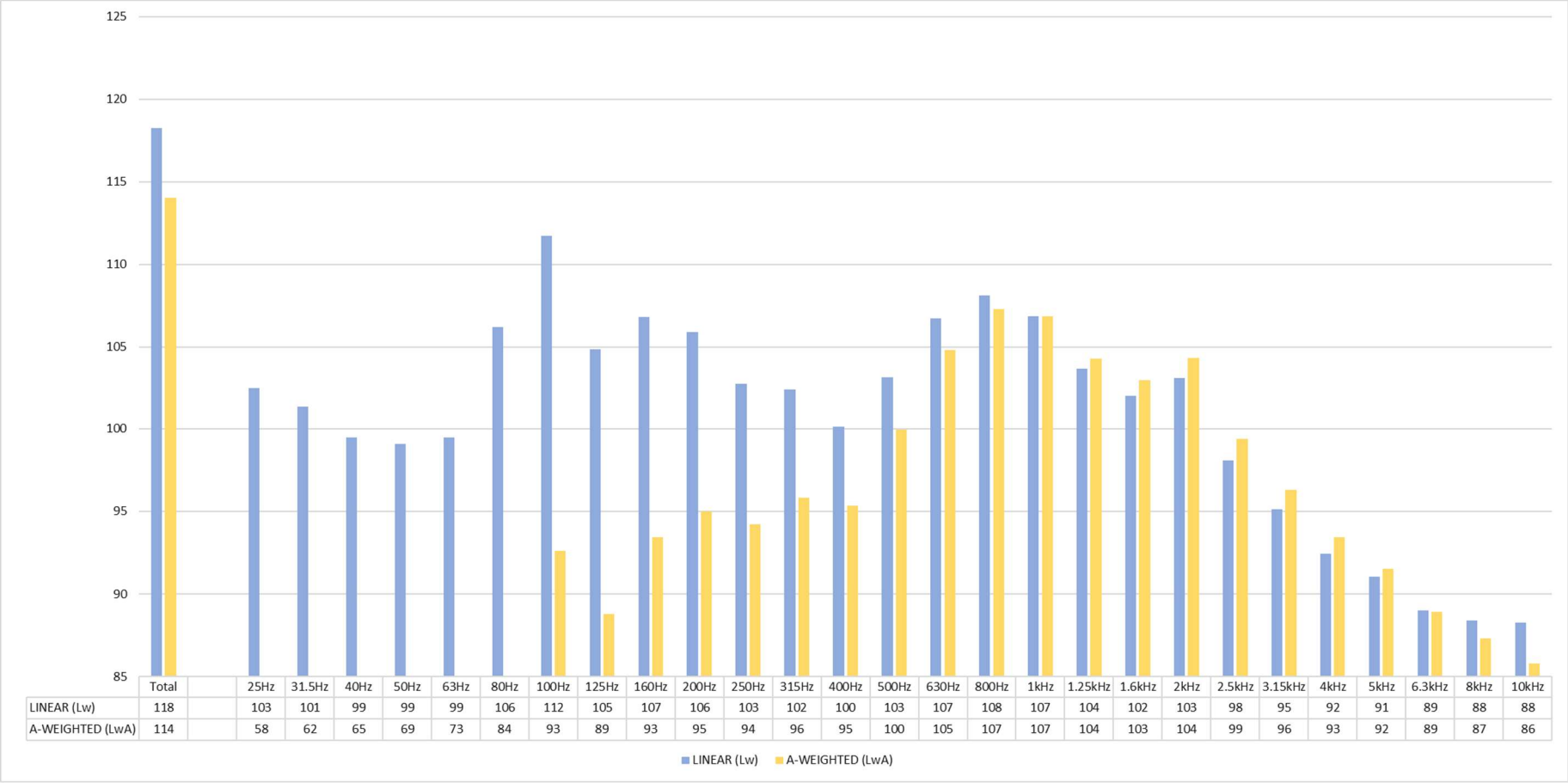
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		94	96	94	97	101	108	112	108	104	105	102	103	101	107	104	105	105	102	102	103	98	96	93	91	89	87	86
A-WEIGHTED (LwA)	113		50	56	59	67	75	86	93	92	91	94	94	97	96	104	102	104	105	103	103	104	100	97	94	91	89	86	84

Figure 12: 313 Stationary Test



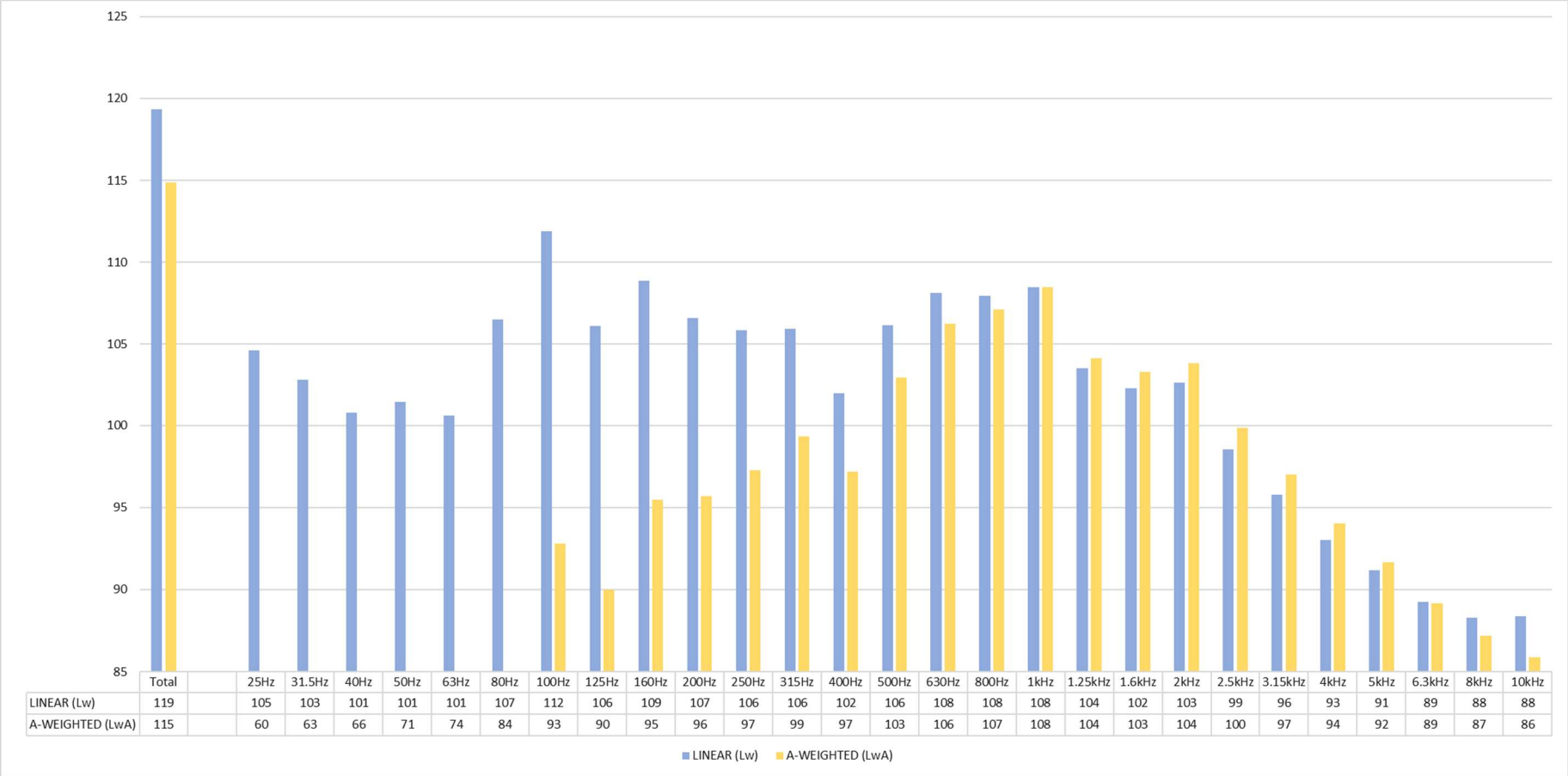
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		95	96	94	97	102	109	113	108	105	106	103	105	101	107	105	105	104	102	102	103	98	96	94	91	89	87	87
A-WEIGHTED (LwA)	113		50	56	60	67	75	86	94	92	91	95	94	98	96	104	103	105	104	103	103	104	100	97	95	92	89	86	84

Figure 13: 313 Dynamic Test Forwards



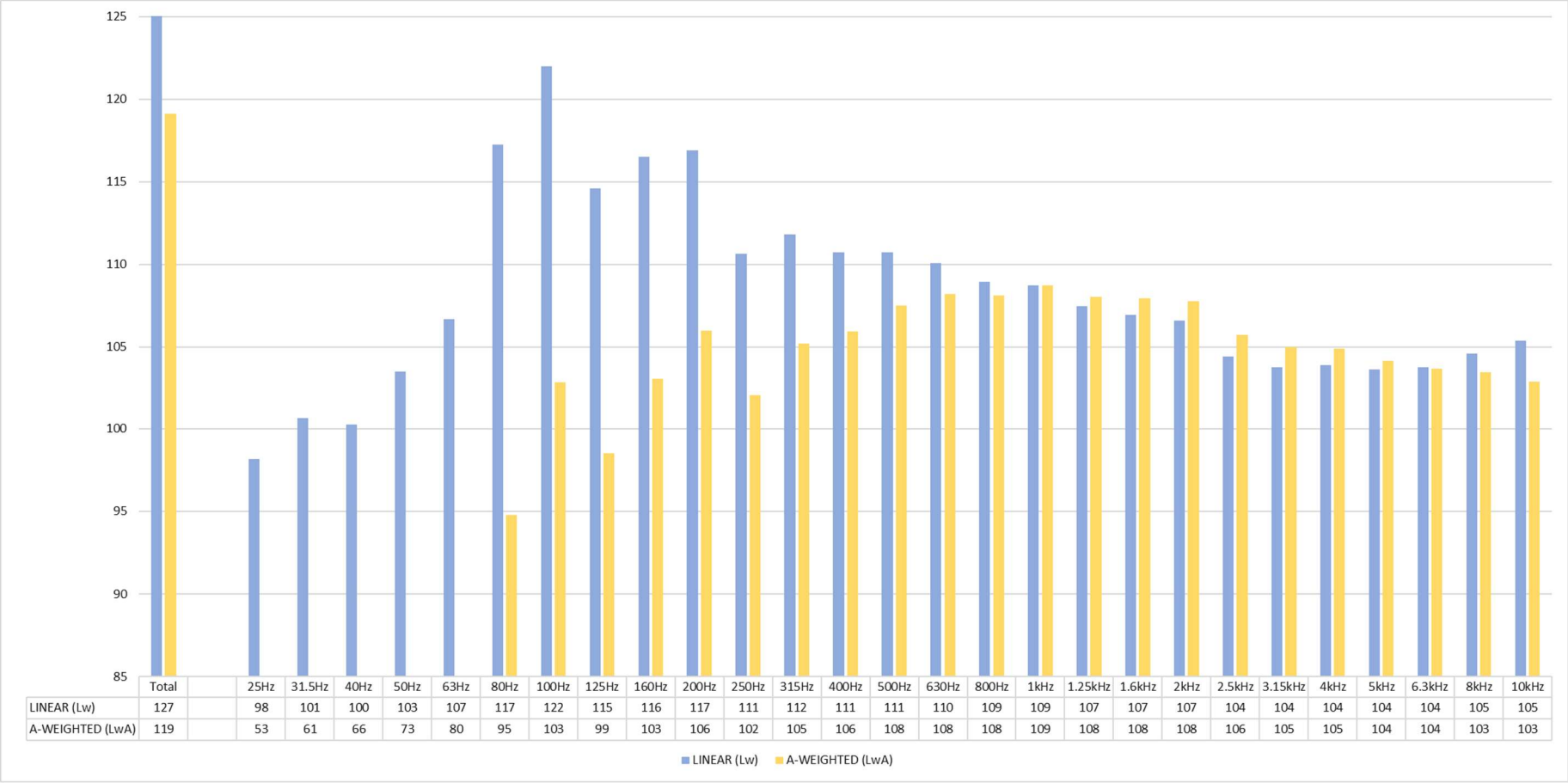
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		103	101	99	99	99	106	112	105	107	106	103	102	100	103	107	108	107	104	102	103	98	95	92	91	89	88	88
A-WEIGHTED (LwA)	114		58	62	65	69	73	84	93	89	93	95	94	96	95	100	105	107	107	104	103	104	99	96	93	92	89	87	86

Figure 14: 314 Stationary Test



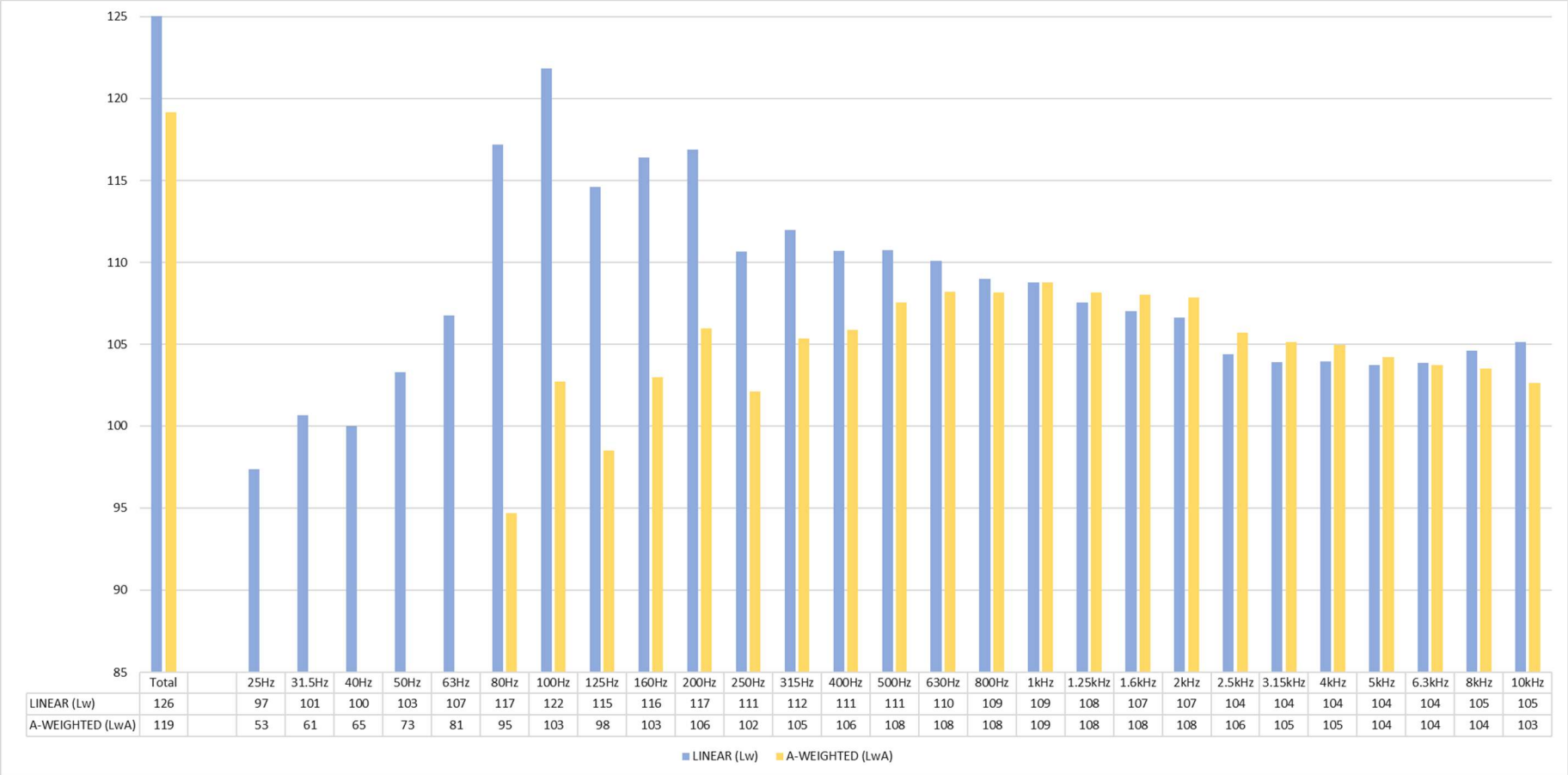
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119	105	103	101	101	101	107	112	106	109	107	106	106	102	106	108	108	108	104	102	103	99	96	93	91	89	88	88
A-WEIGHTED (LwA)	115	60	63	66	71	74	84	93	90	95	96	97	99	97	103	106	107	108	104	103	104	100	97	94	92	89	87	86

Figure 15: 314 Dynamic Test Forwards



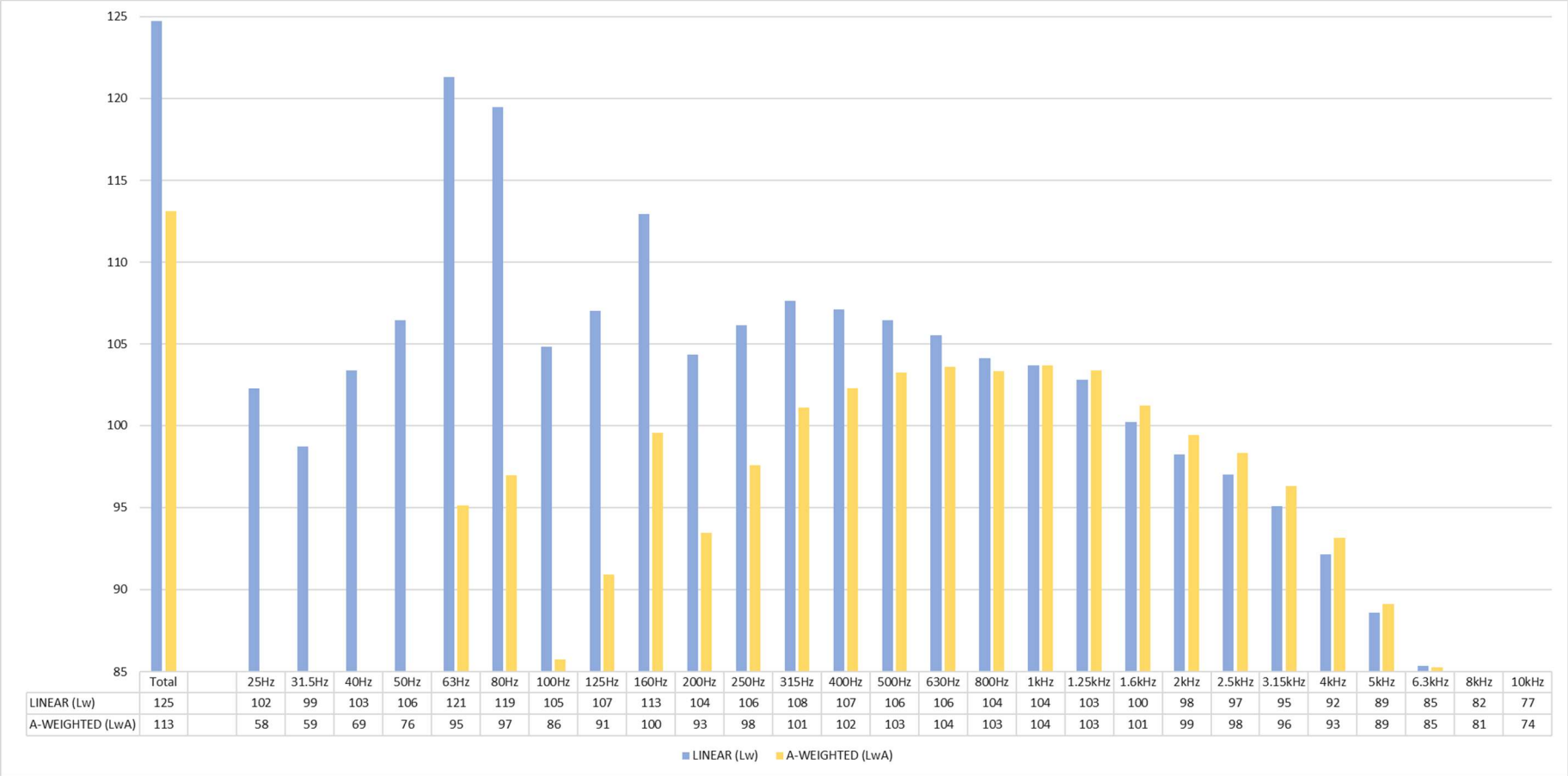
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		98	101	100	103	107	117	122	115	116	117	111	112	111	111	110	109	109	107	107	107	104	104	104	104	104	105	105
A-WEIGHTED (LwA)	119		53	61	66	73	80	95	103	99	103	106	102	105	106	108	108	108	109	108	108	108	106	105	105	104	104	103	103

Figure 16: 315 Stationary Test



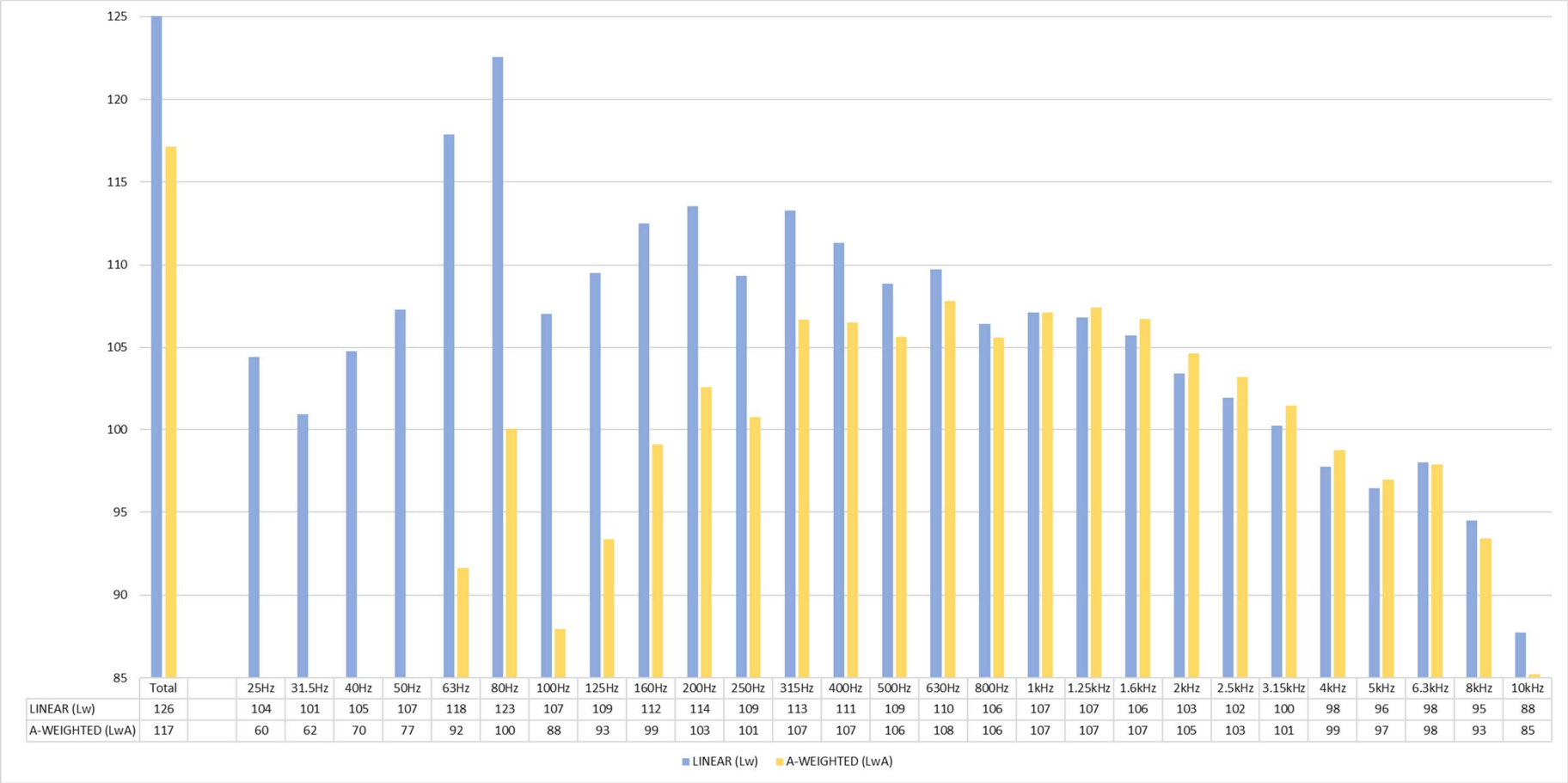
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		97	101	100	103	107	117	122	115	116	117	111	112	111	111	110	109	109	108	107	107	104	104	104	104	104	105	105
A-WEIGHTED (LwA)	119		53	61	65	73	81	95	103	98	103	106	102	105	106	108	108	108	109	108	108	108	106	105	105	104	104	104	103

Figure 17: 315 Dynamic Test Forwards



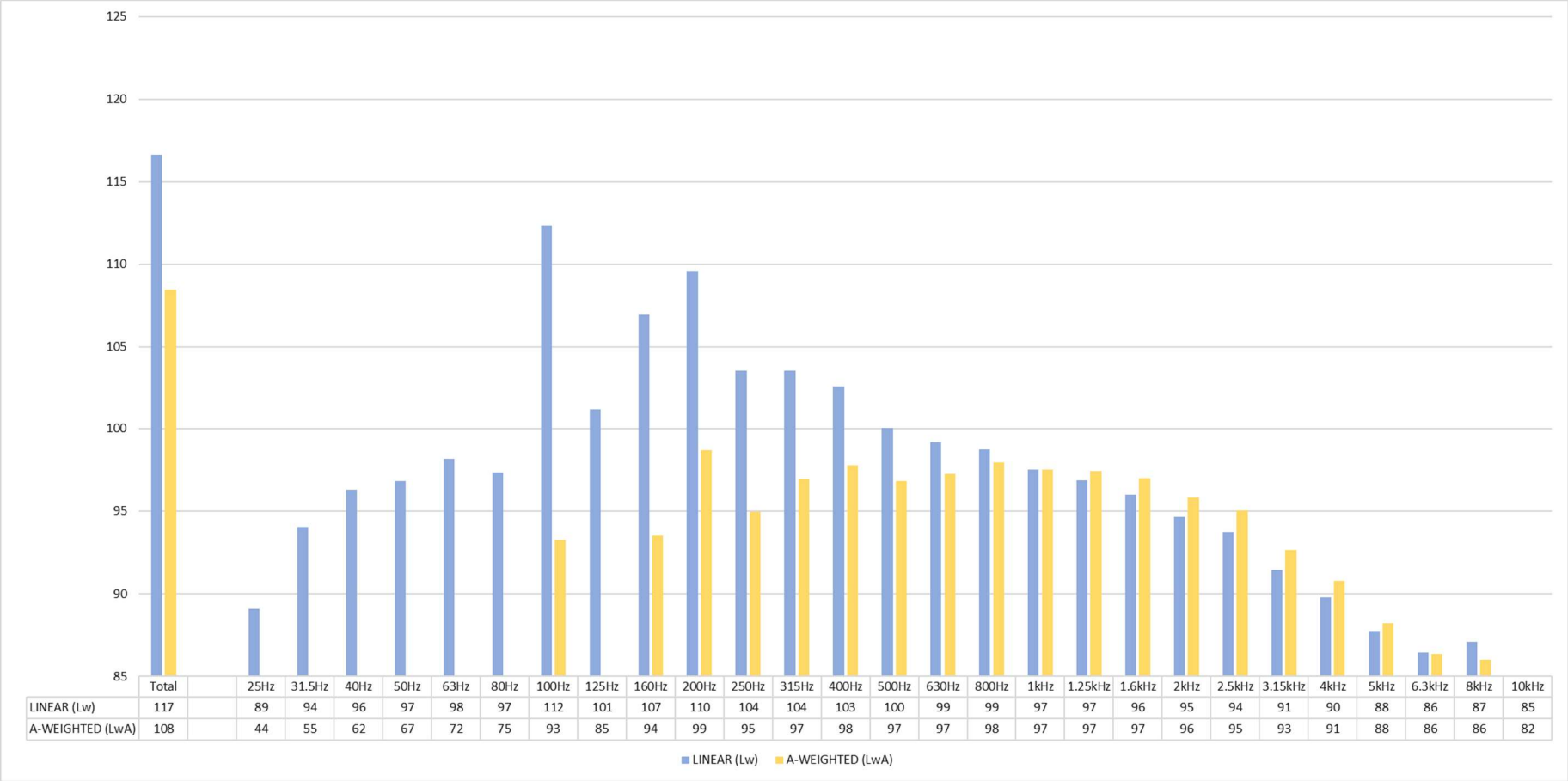
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		102	99	103	106	121	119	105	107	113	104	106	108	107	106	106	104	104	103	100	98	97	95	92	89	85	82	77
A-WEIGHTED (LwA)	113		58	59	69	76	95	97	86	91	100	93	98	101	102	103	104	103	104	103	101	99	98	96	93	89	85	81	74

Figure 18: 132 Stationary Test



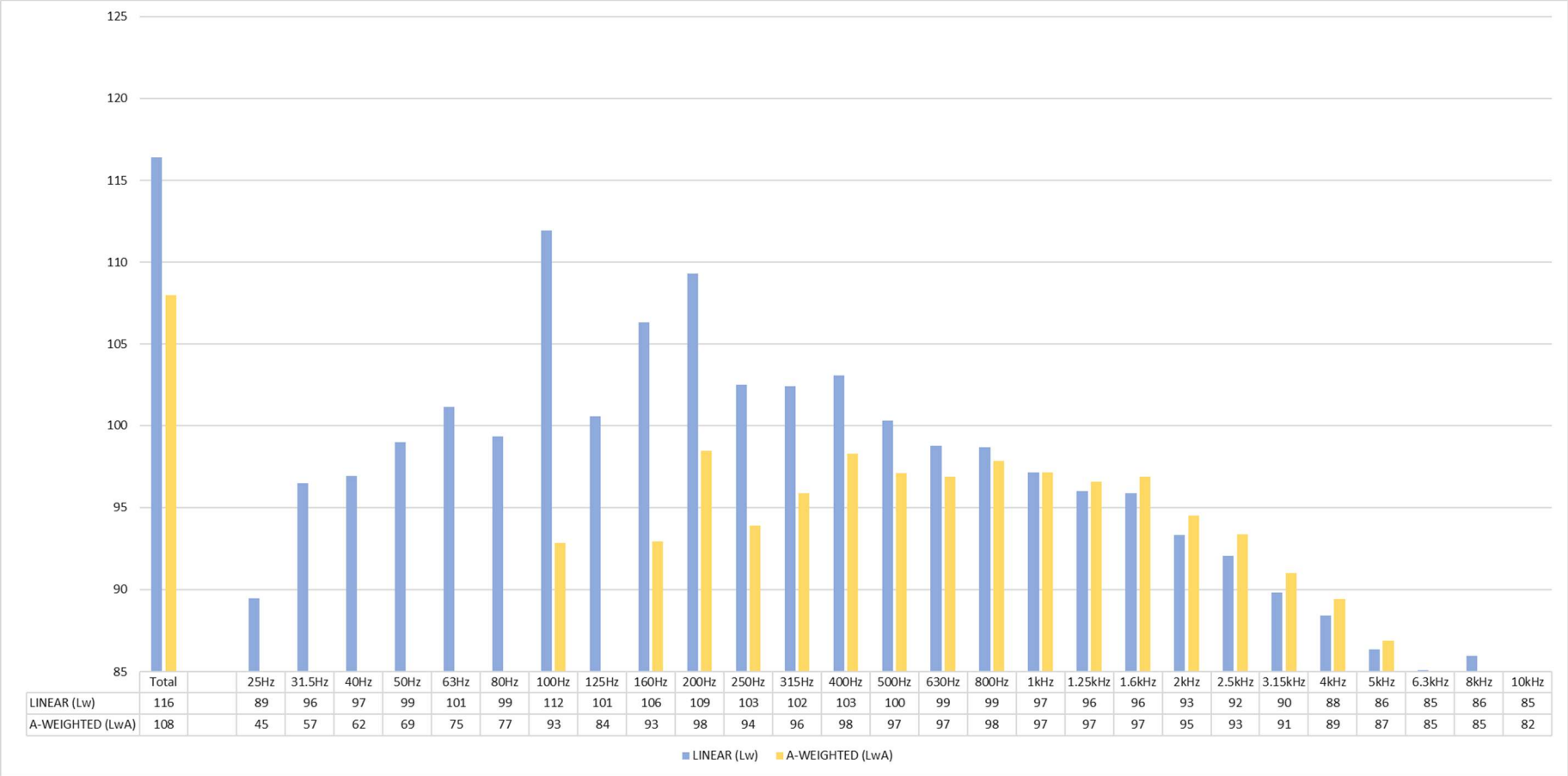
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		104	101	105	107	118	123	107	109	112	114	109	113	111	109	110	106	107	107	106	103	102	100	98	96	98	95	88
A-WEIGHTED (LwA)	117		60	62	70	77	92	100	88	93	99	103	101	107	107	106	108	106	107	107	107	105	103	101	99	97	98	93	85

Figure 19: 132 Dynamic Test



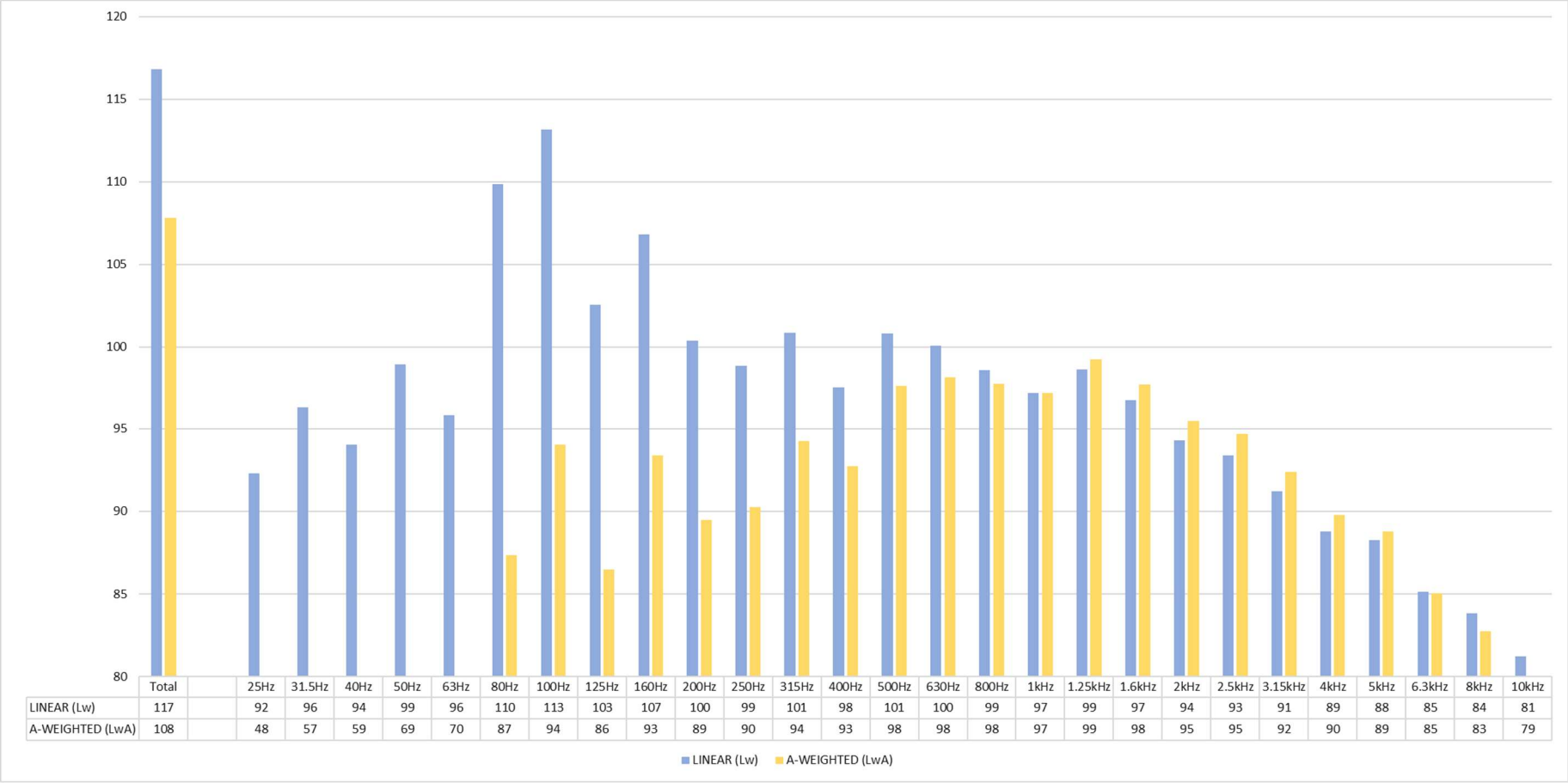
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	117		89	94	96	97	98	97	112	101	107	110	104	104	103	100	99	99	97	97	96	95	94	91	90	88	86	87	85
A-WEIGHTED (LwA)	108		44	55	62	67	72	75	93	85	94	99	95	97	98	97	97	98	97	97	97	96	95	93	91	88	86	86	82

Figure 20: GR062 Stationary Test



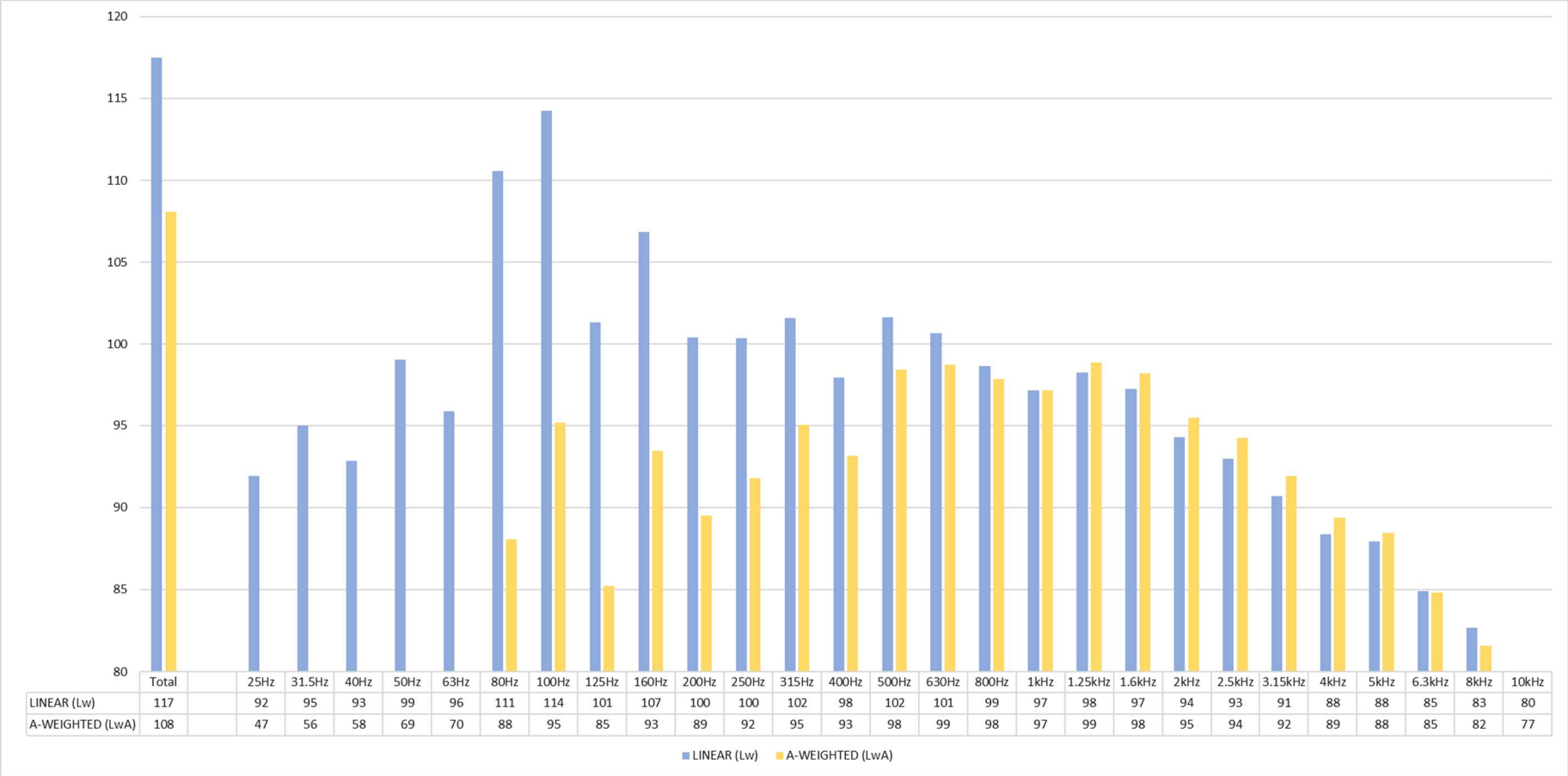
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	116		89	96	97	99	101	99	112	101	106	109	103	102	103	100	99	99	97	96	96	93	92	90	88	86	85	86	85
A-WEIGHTED (LwA)	108		45	57	62	69	75	77	93	84	93	98	94	96	98	97	97	98	97	97	97	95	93	91	89	87	85	85	82

Figure 21: GR062 Dynamic Test Forwards



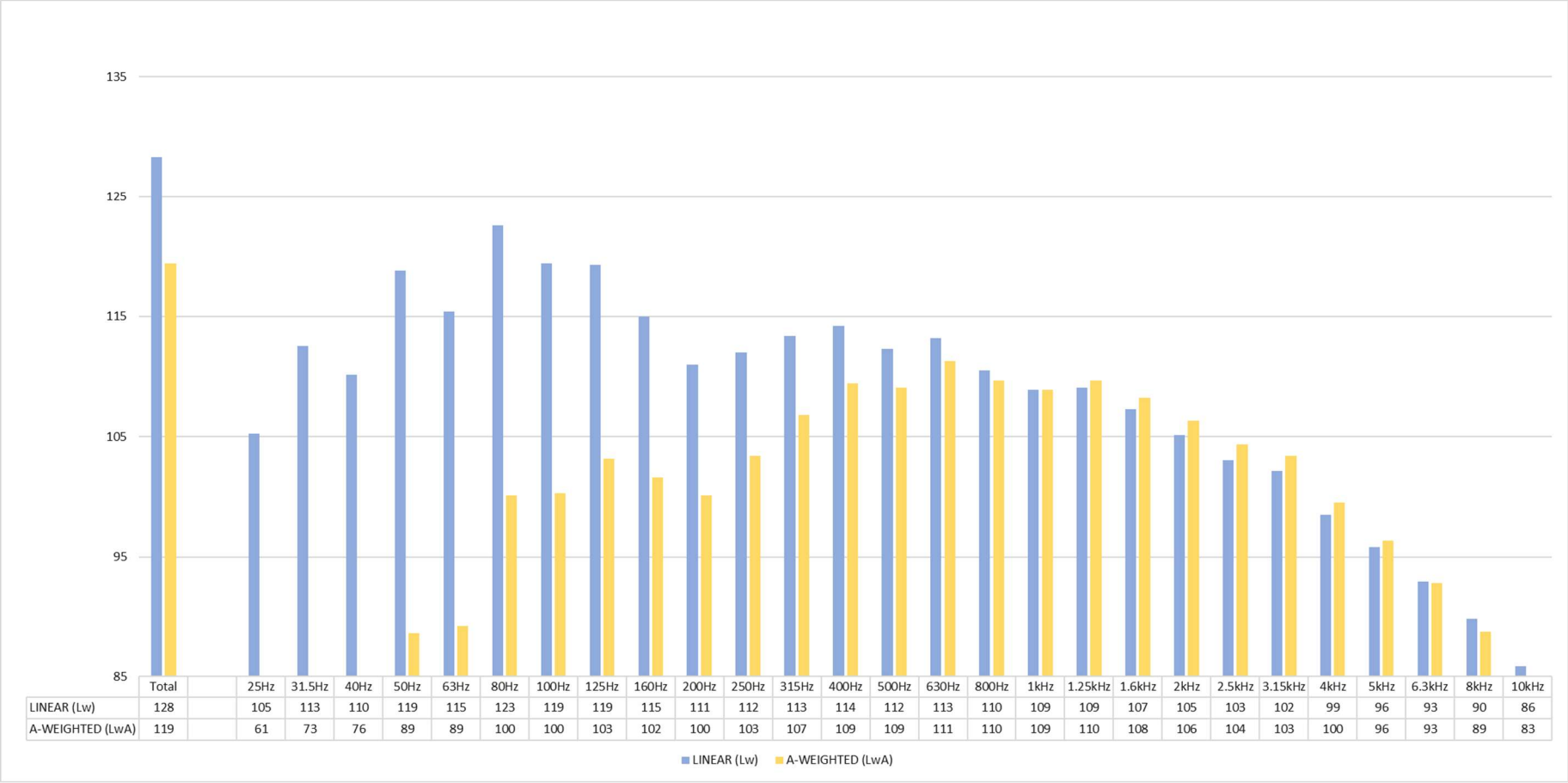
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	117		92	96	94	99	96	110	113	103	107	100	99	101	98	101	100	99	97	99	97	94	93	91	89	88	85	84	81
A-WEIGHTED (LwA)	108		48	57	59	69	70	87	94	86	93	89	90	94	93	98	98	98	97	99	98	95	95	92	90	89	85	83	79

Figure 22: GR064 Stationary Test



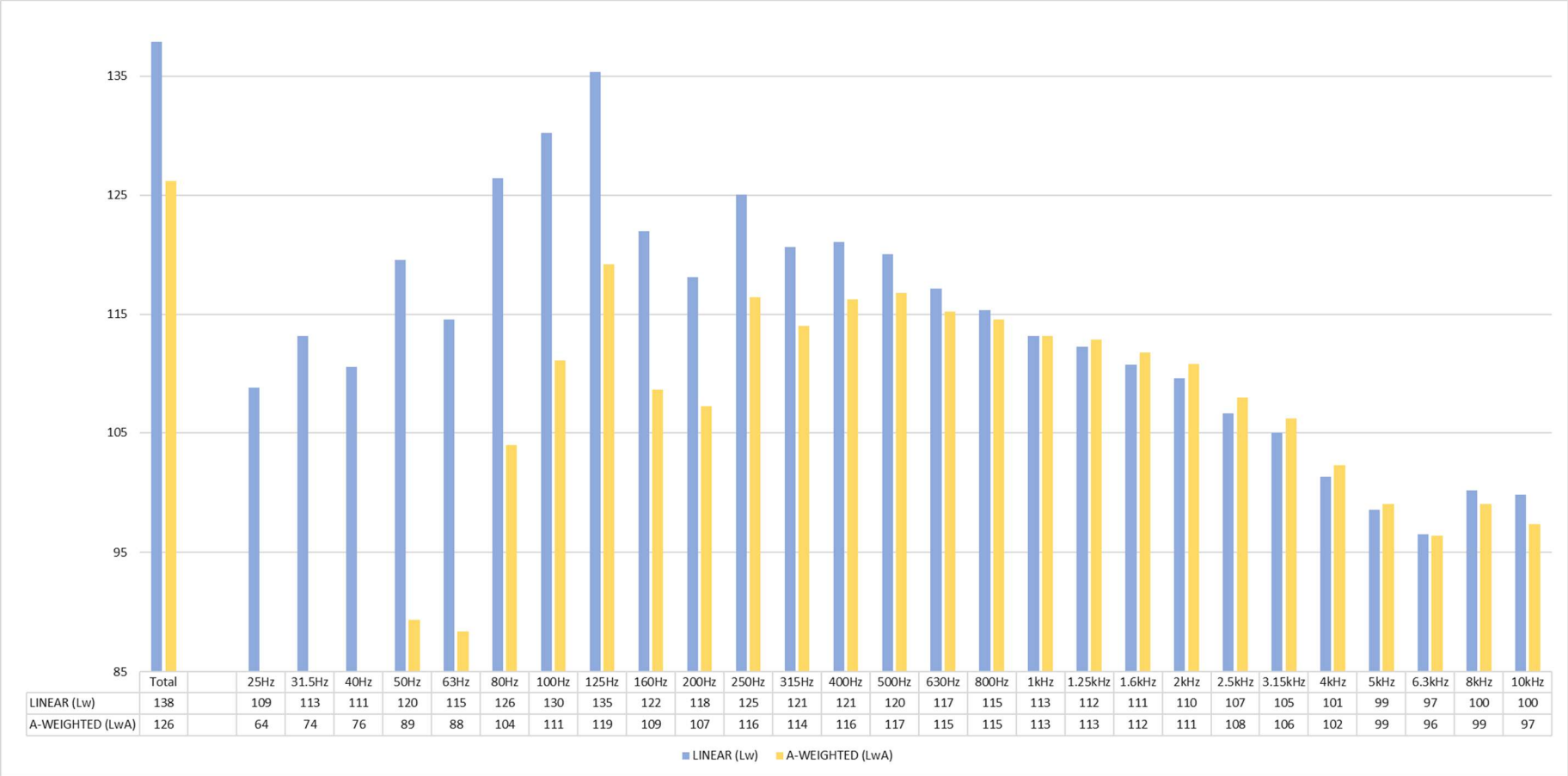
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	117	92	95	93	99	96	111	114	101	107	100	100	102	98	102	101	99	97	98	97	94	93	91	88	88	85	83	80
A-WEIGHTED (LwA)	108	47	56	58	69	70	88	95	85	93	89	92	95	93	98	99	98	97	99	98	95	94	92	89	88	85	82	77

Figure 23: GR064 Dynamic Test Forwards



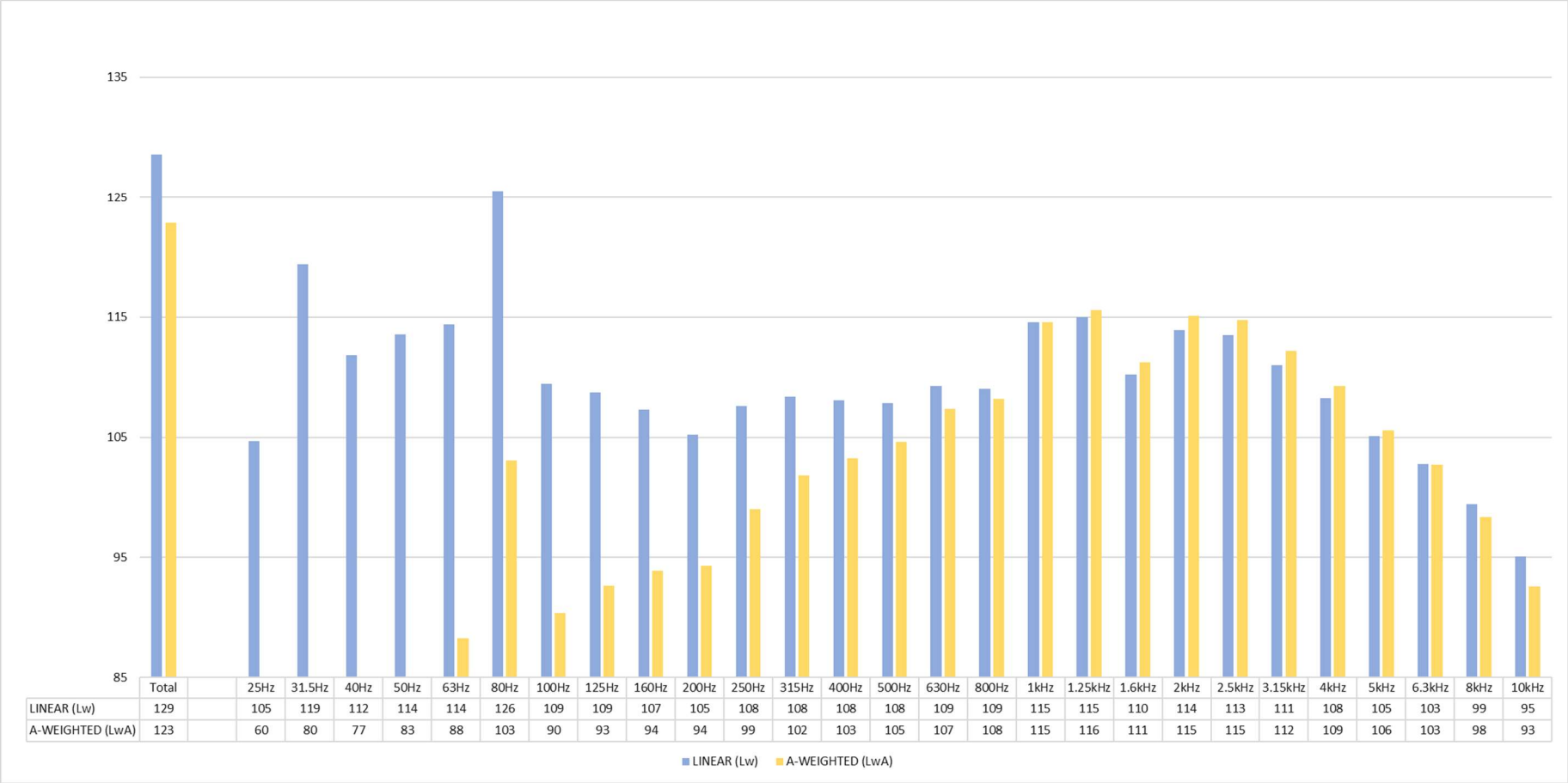
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		105	113	110	119	115	123	119	119	115	111	112	113	114	112	113	110	109	109	107	105	103	102	99	96	93	90	86
A-WEIGHTED (LwA)	119		61	73	76	89	89	100	100	103	102	100	103	107	109	109	111	110	109	110	108	106	104	103	100	96	93	89	83

Figure 24: DT291 Stationary Test



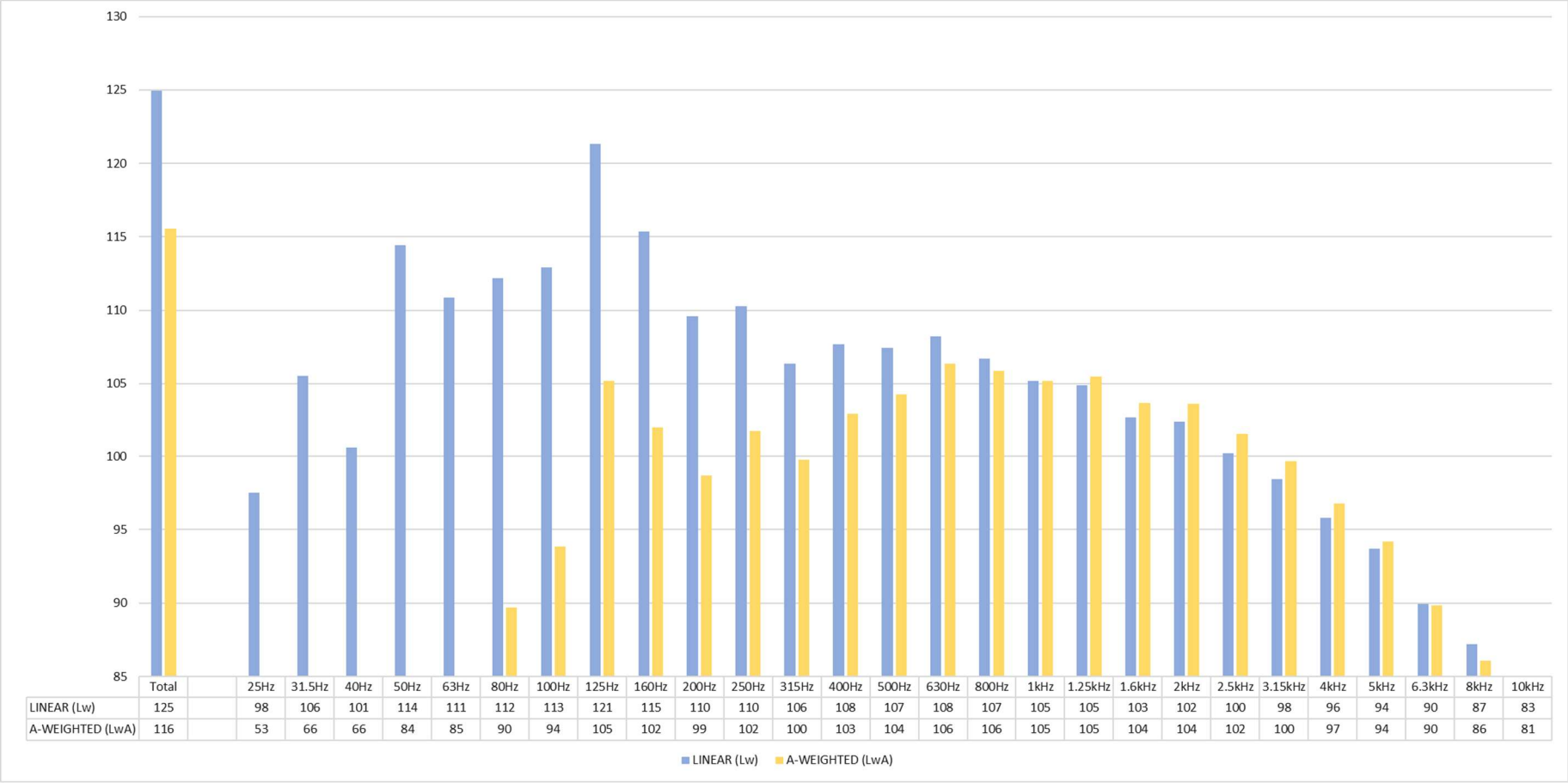
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	138		109	113	111	120	115	126	130	135	122	118	125	121	121	120	117	115	113	112	111	110	107	105	101	99	97	100	100
A-WEIGHTED (LwA)	126		64	74	76	89	88	104	111	119	109	107	116	114	116	117	115	115	113	113	112	111	108	106	102	99	96	99	97

Figure 25: DT291 Dynamic Test Uphill



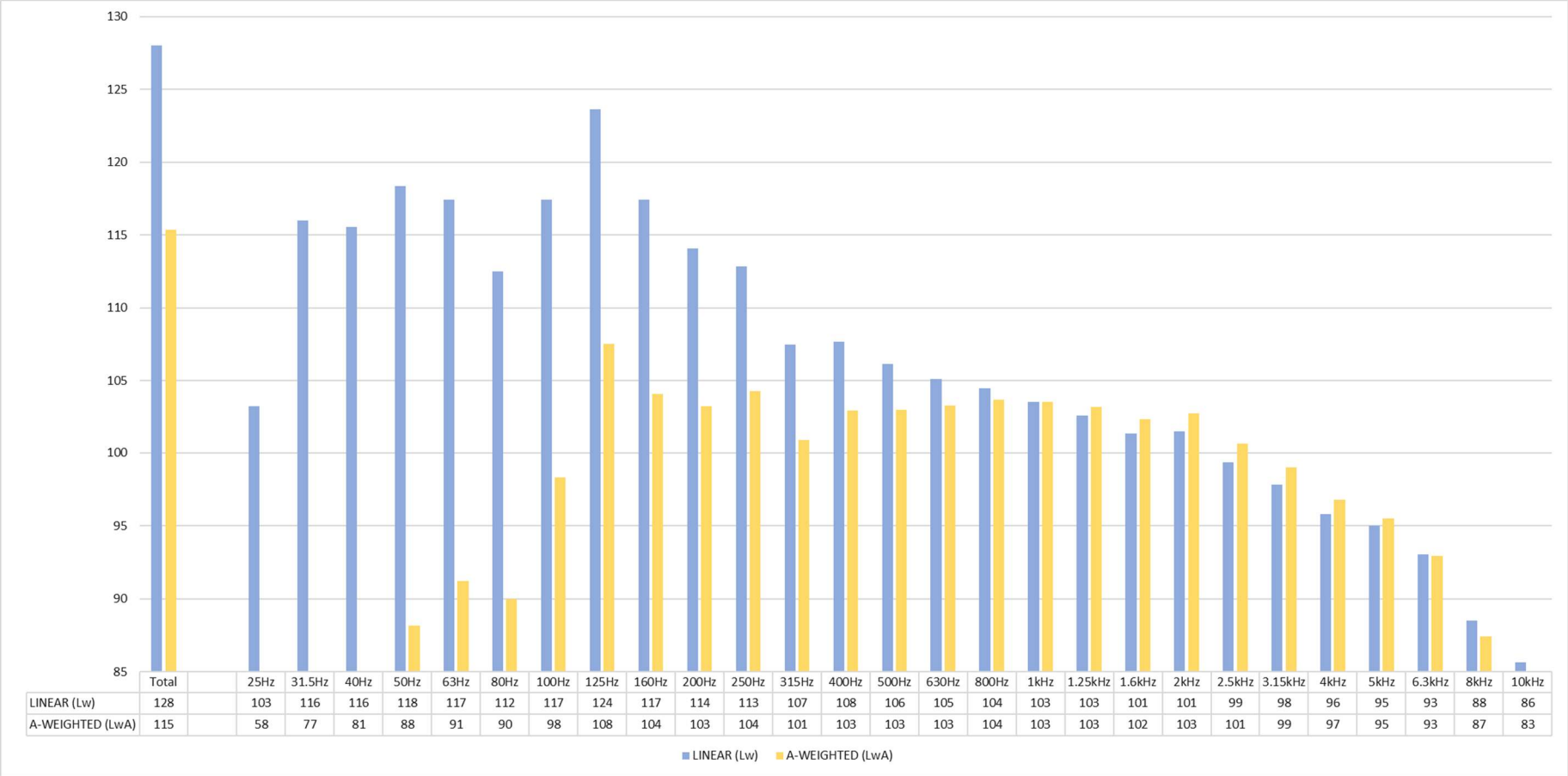
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		105	119	112	114	114	126	109	109	107	105	108	108	108	108	109	109	115	115	110	114	113	111	108	105	103	99	95
A-WEIGHTED (LwA)	123		60	80	77	83	88	103	90	93	94	94	99	102	103	105	107	108	115	116	111	115	115	112	109	106	103	98	93

Figure 26: DT291 Dynamic Test Downhill



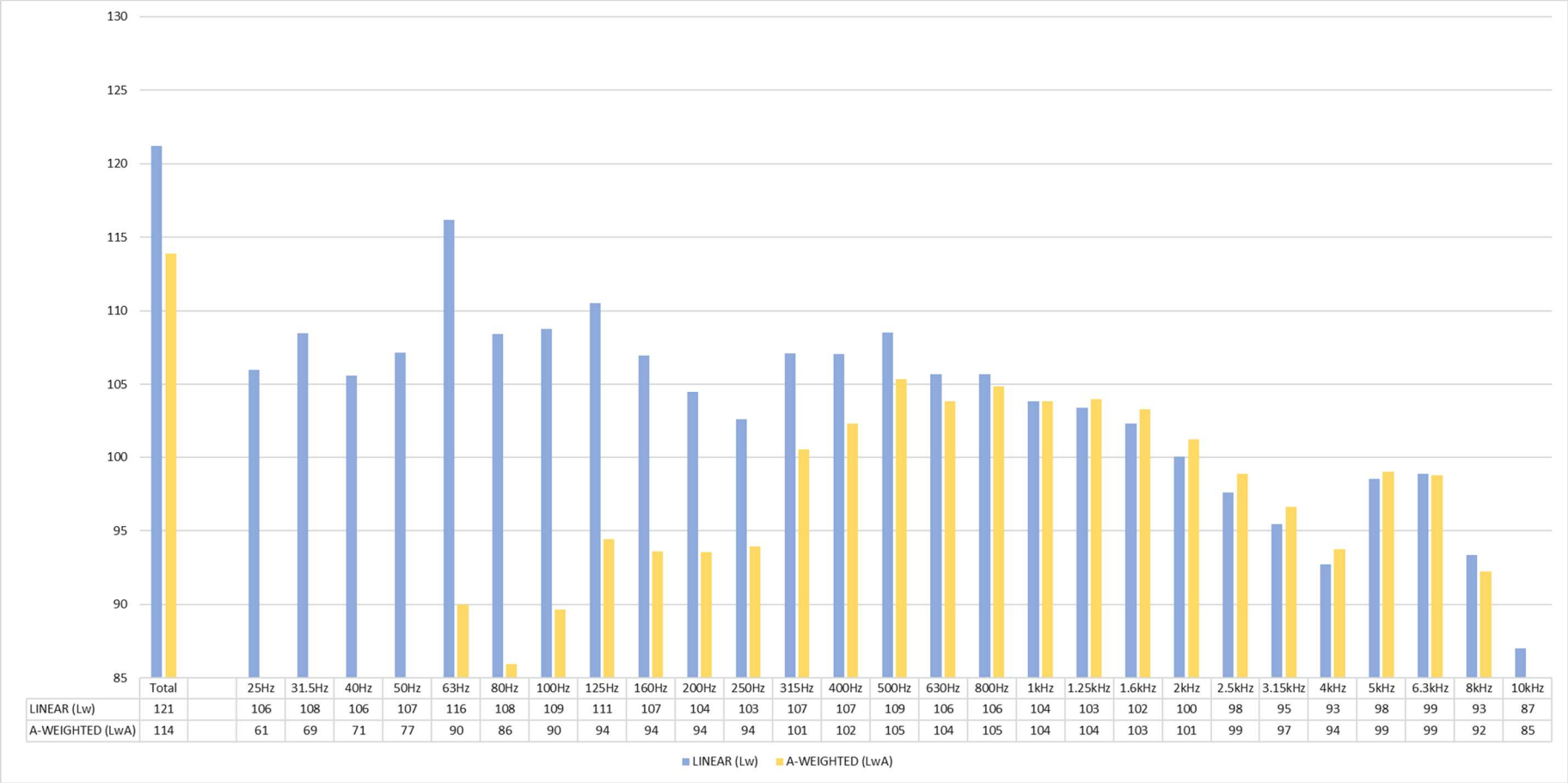
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		98	106	101	114	111	112	113	121	115	110	110	106	108	107	108	107	105	105	103	102	100	98	96	94	90	87	83
A-WEIGHTED (LwA)	116		53	66	66	84	85	90	94	105	102	99	102	100	103	104	106	106	105	105	104	104	102	100	97	94	90	86	81

Figure 27: DT305 Stationary Test



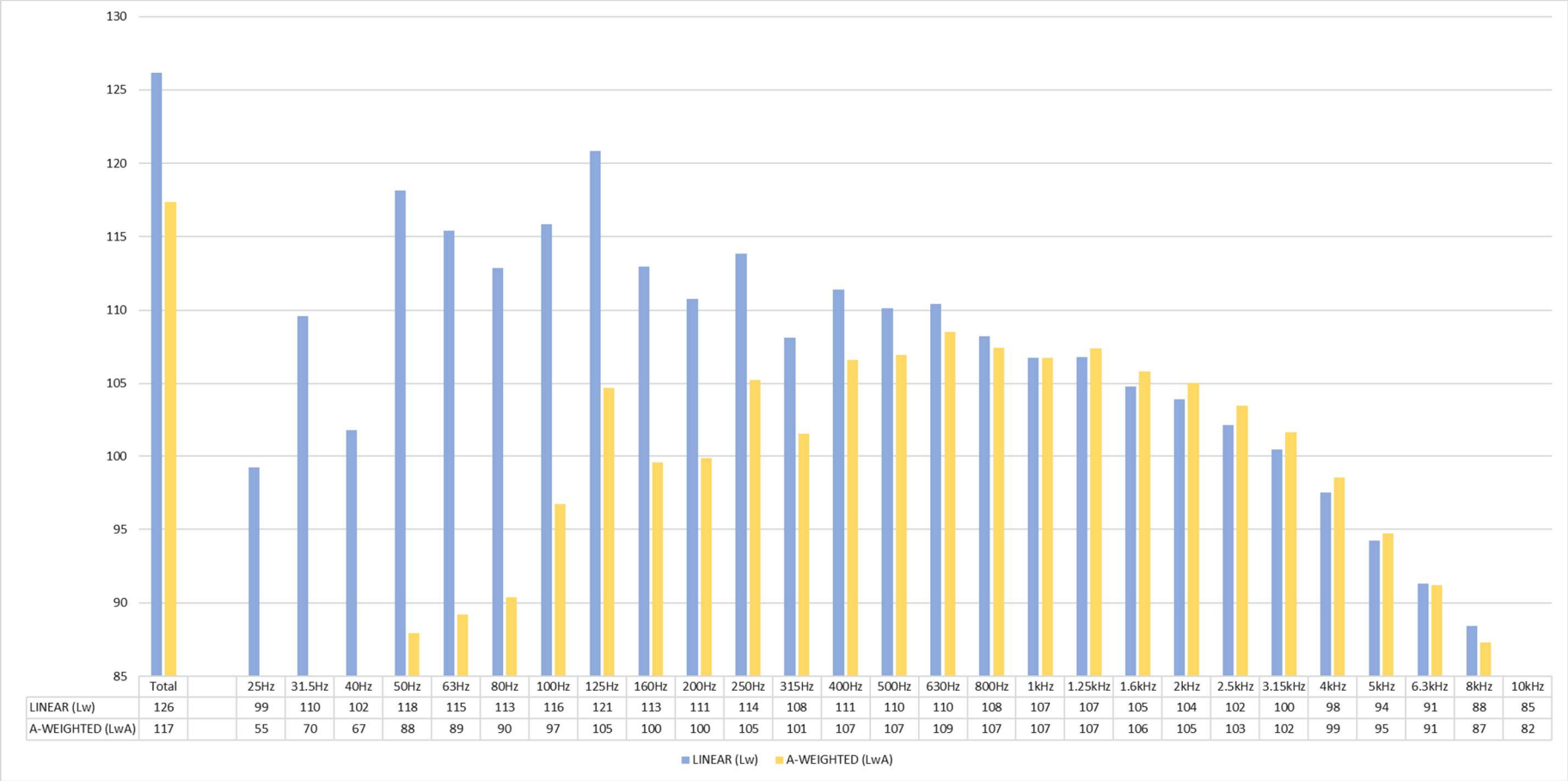
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128	103	116	116	118	117	112	117	124	117	114	113	107	108	106	105	104	103	103	101	101	99	98	96	95	93	88	86
A-WEIGHTED (LwA)	115	58	77	81	88	91	90	98	108	104	103	104	101	103	103	103	104	103	103	102	103	101	99	97	95	93	87	83

Figure 28: DT305 Dynamic Test Uphill



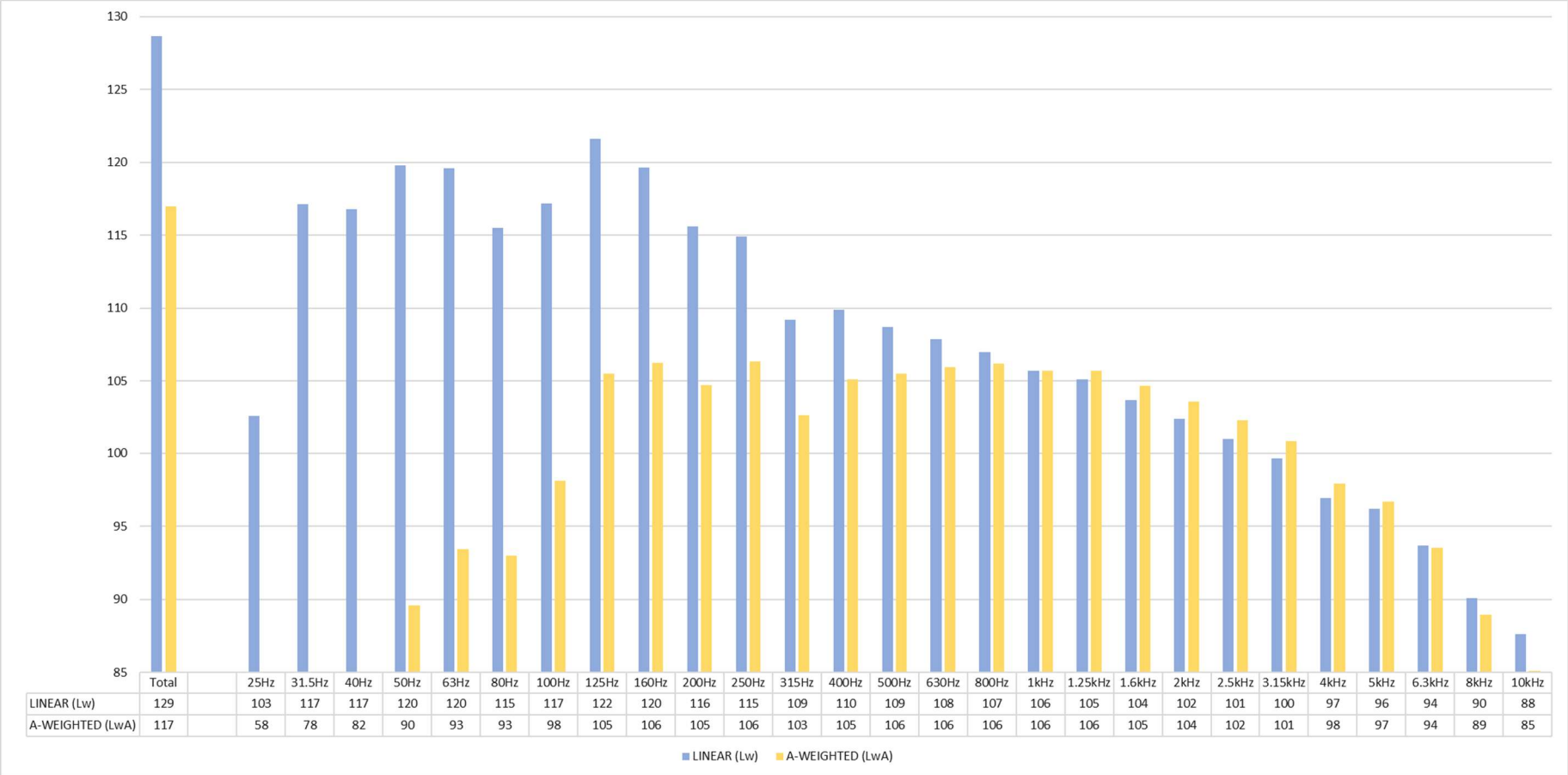
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121		106	108	106	107	116	108	109	111	107	104	103	107	107	109	106	106	104	103	102	100	98	95	93	98	99	93	87
A-WEIGHTED (LwA)	114		61	69	71	77	90	86	90	94	94	94	94	101	102	105	104	105	104	104	103	101	99	97	94	99	99	92	85

Figure 29: DT305 Dynamic Test Downhill



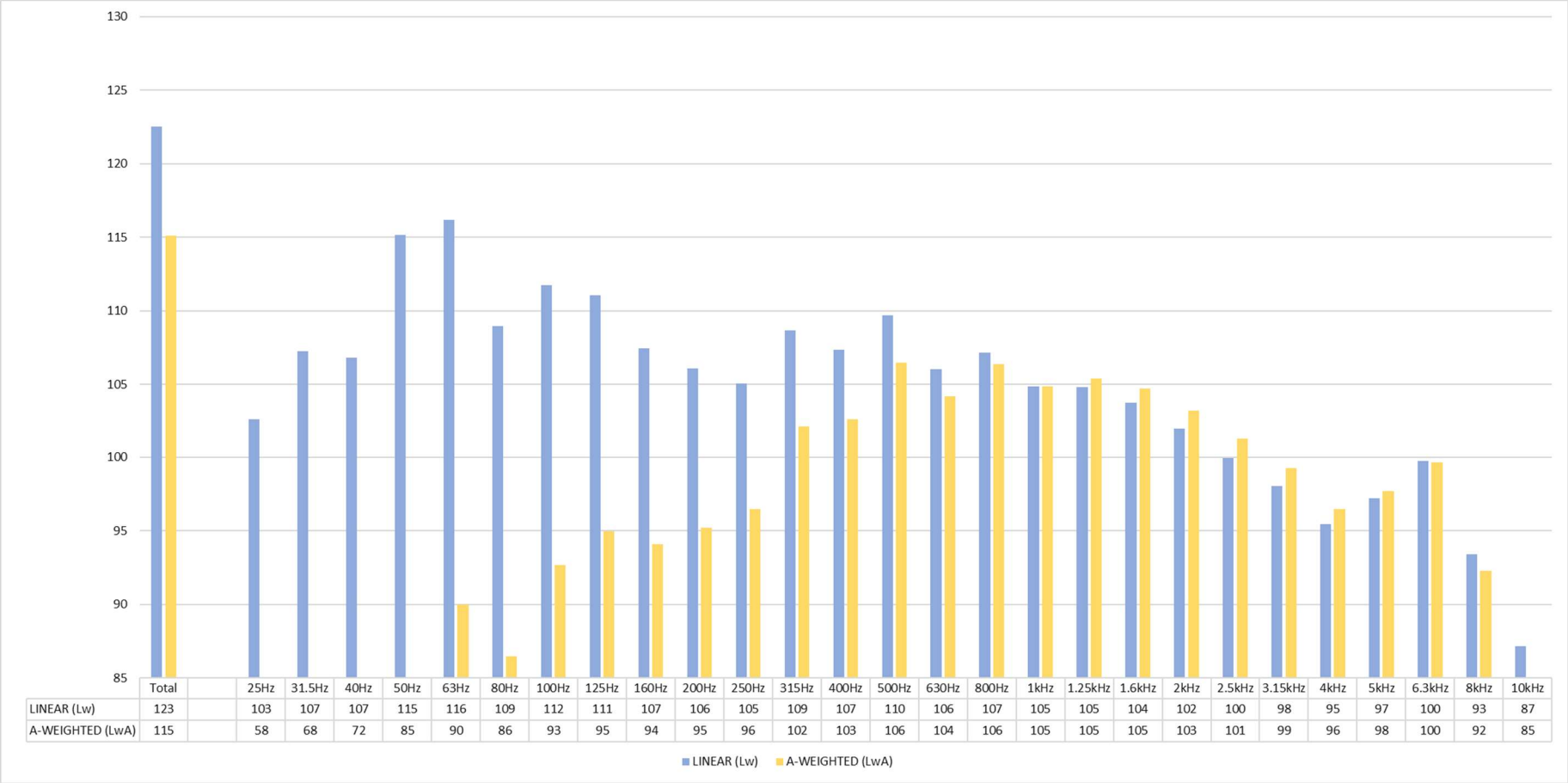
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		99	110	102	118	115	113	116	121	113	111	114	108	111	110	110	108	107	107	105	104	102	100	98	94	91	88	85
A-WEIGHTED (LwA)	117		55	70	67	88	89	90	97	105	100	100	105	101	107	107	109	107	107	107	106	105	103	102	99	95	91	87	82

Figure 30: DT307 Stationary Test



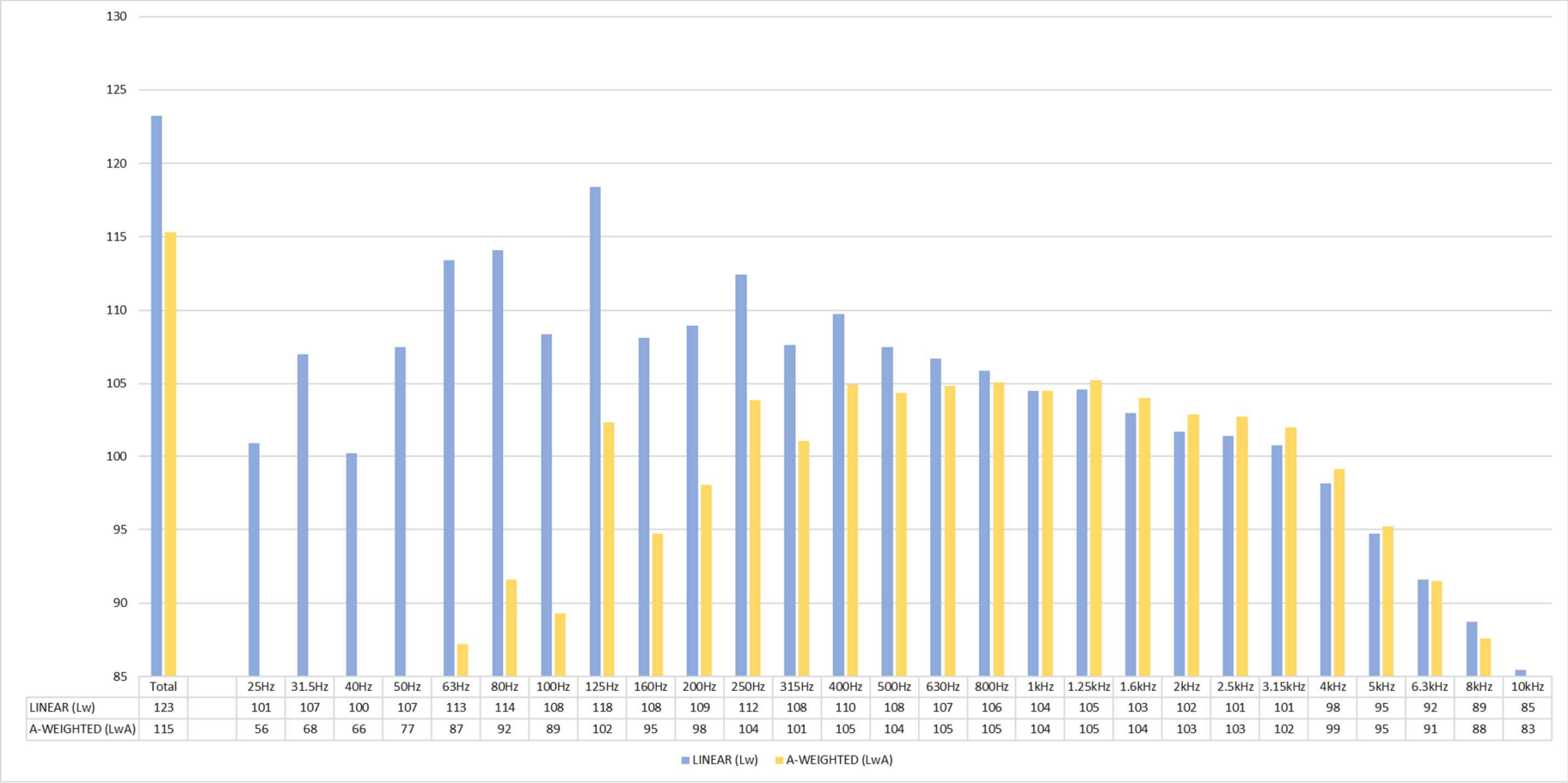
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		103	117	117	120	120	115	117	122	120	116	115	109	110	109	108	107	106	105	104	102	101	100	97	96	94	90	88
A-WEIGHTED (LwA)	117		58	78	82	90	93	93	98	105	106	105	106	103	105	106	106	106	106	106	105	104	102	101	98	97	94	89	85

Figure 31: DT307 Dynamic Test Uphill



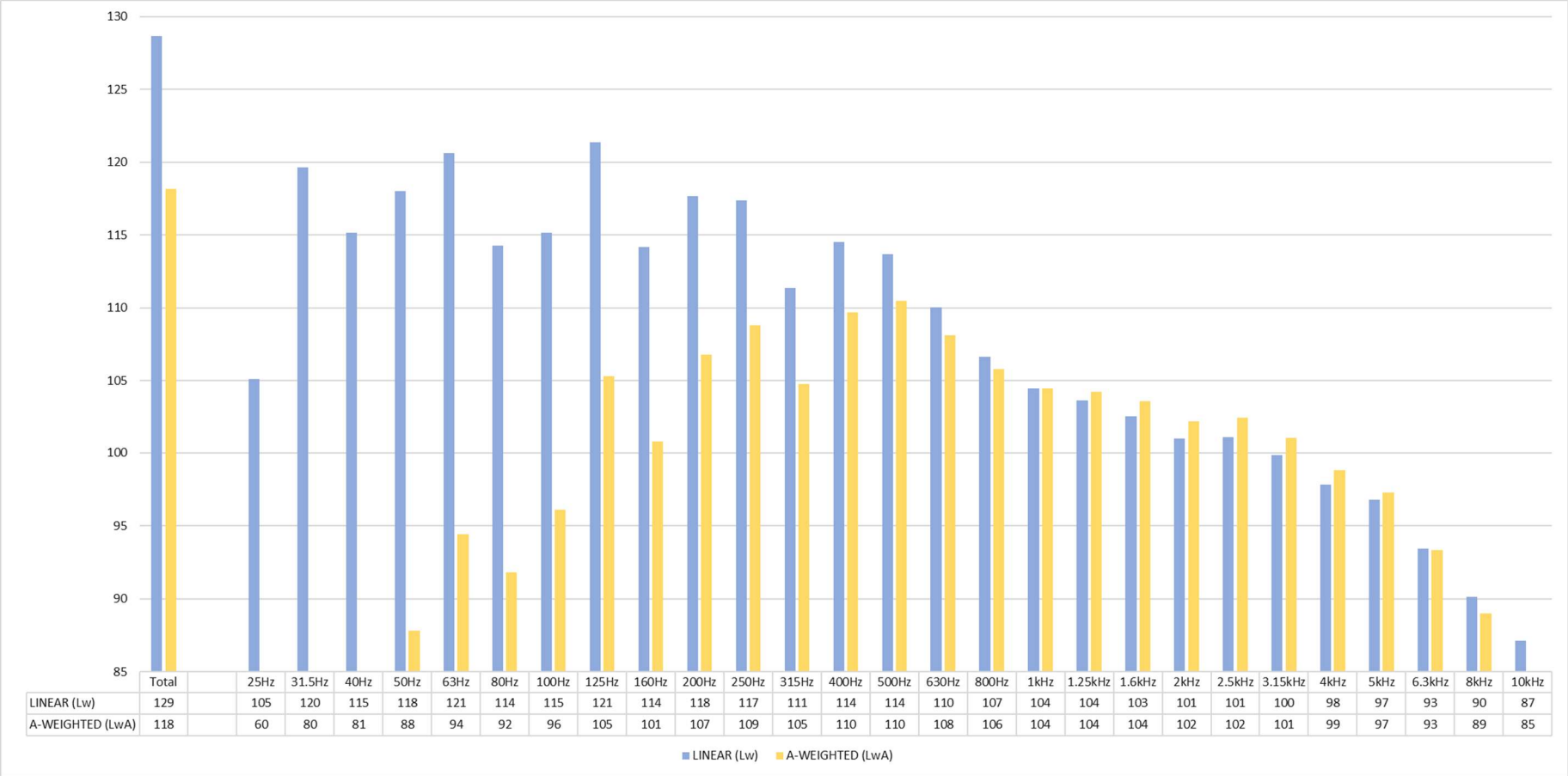
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		103	107	107	115	116	109	112	111	107	106	105	109	107	110	106	107	105	105	104	102	100	98	95	97	100	93	87
A-WEIGHTED (LwA)	115		58	68	72	85	90	86	93	95	94	95	96	102	103	106	104	106	105	105	105	103	101	99	96	98	100	92	85

Figure 32: DT307 Dynamic Test Downhill



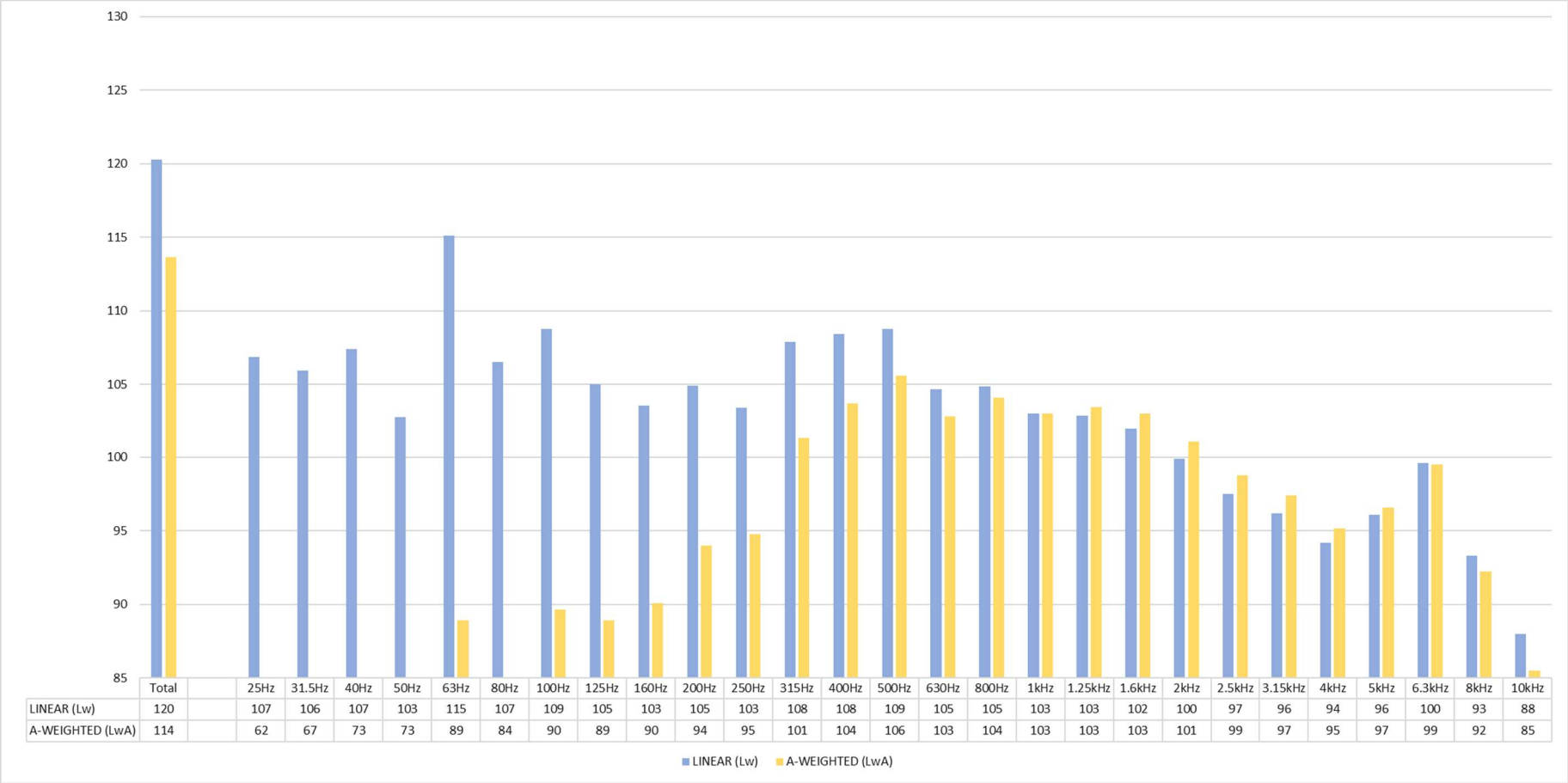
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		101	107	100	107	113	114	108	118	108	109	112	108	110	108	107	106	104	105	103	102	101	101	98	95	92	89	85
A-WEIGHTED (LwA)	115		56	68	66	77	87	92	89	102	95	98	104	101	105	104	105	105	104	105	104	103	103	102	99	95	91	88	83

Figure 33: DT308 Stationary Test



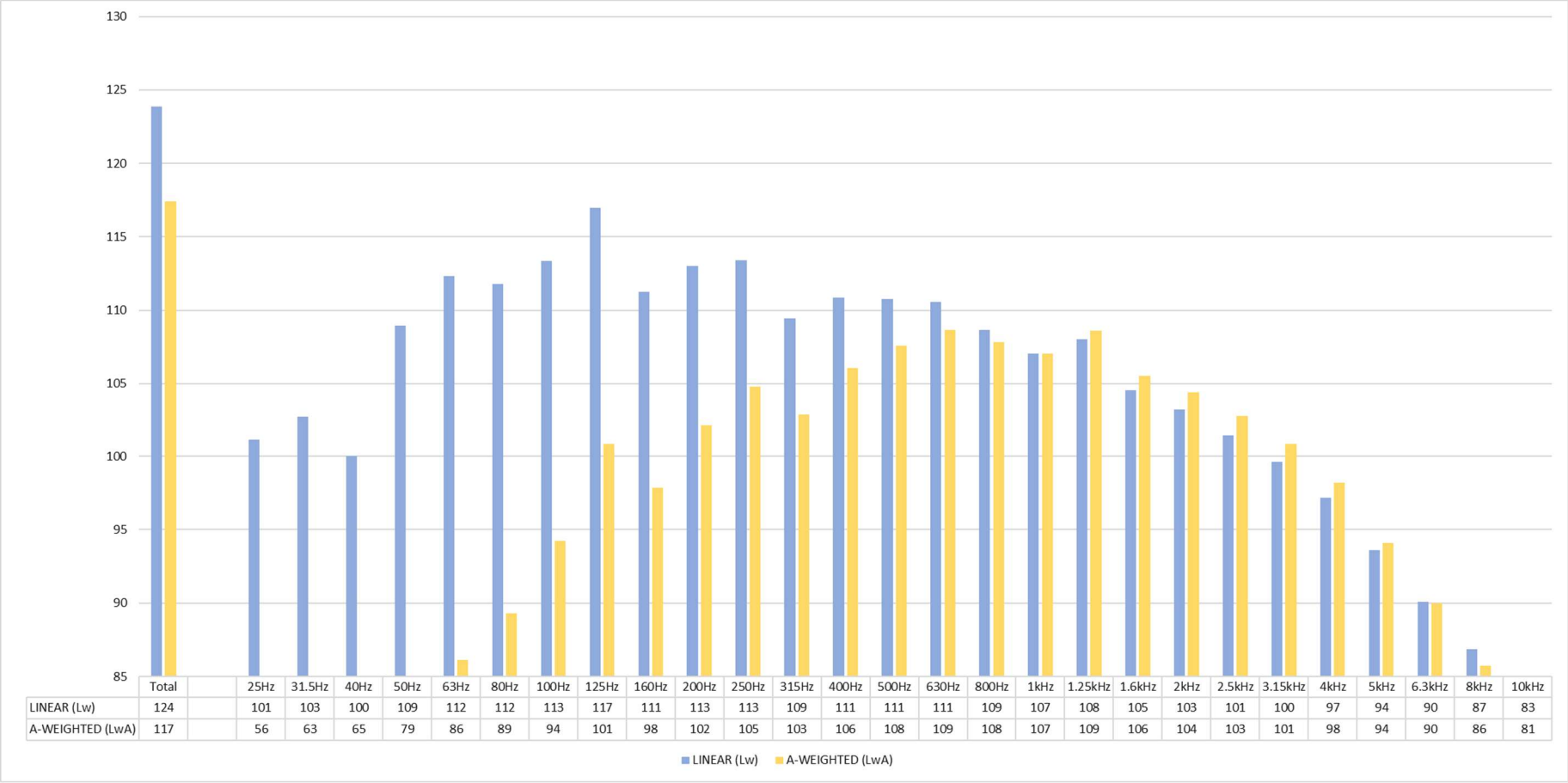
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		105	120	115	118	121	114	115	121	114	118	117	111	114	114	110	107	104	104	103	101	101	100	98	97	93	90	87
A-WEIGHTED (LwA)	118		60	80	81	88	94	92	96	105	101	107	109	105	110	110	108	106	104	104	104	102	102	101	99	97	93	89	85

Figure 34: DT308 Dynamic Test Uphill



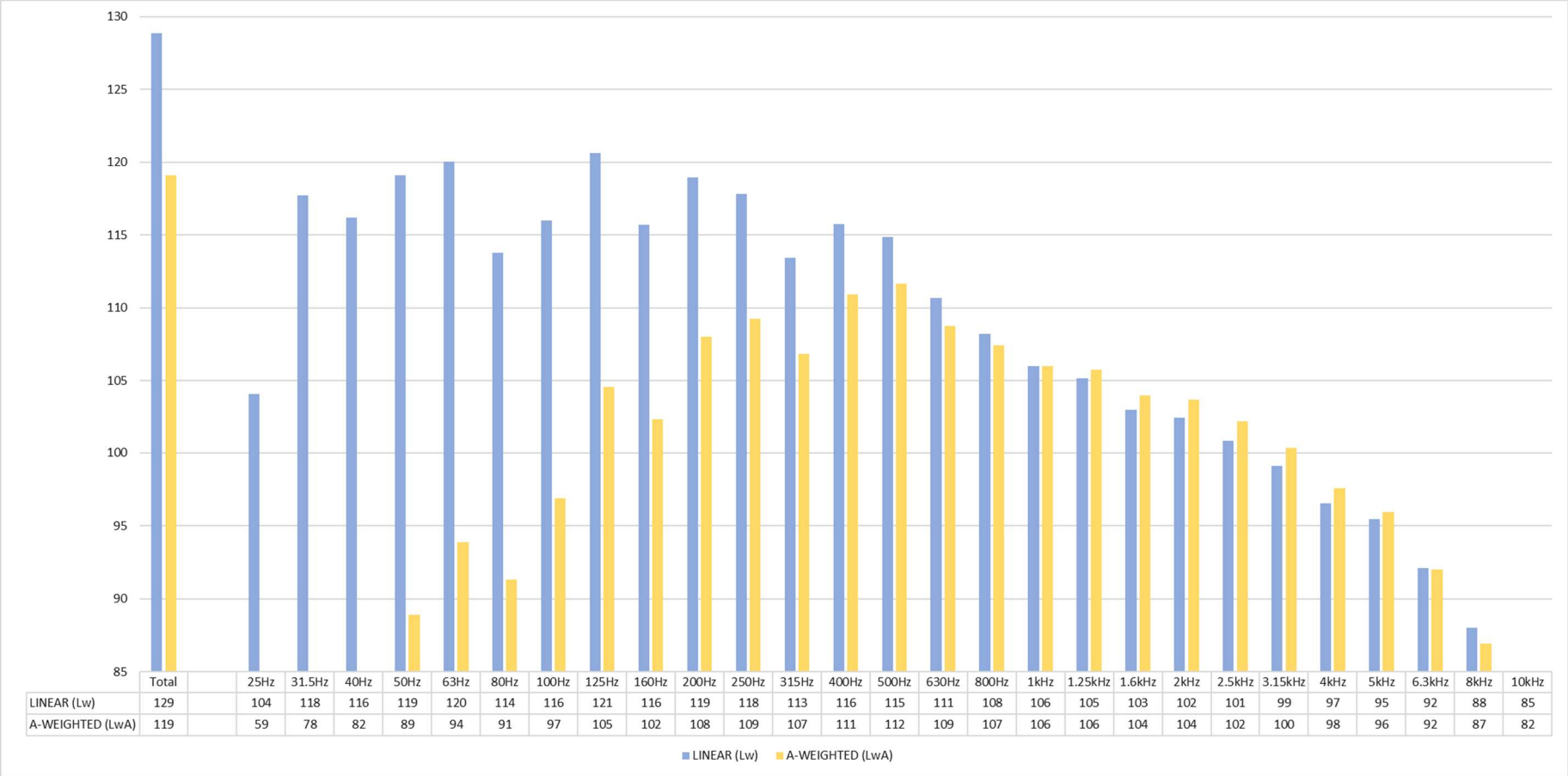
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		107	106	107	103	115	107	109	105	103	105	103	108	108	109	105	105	103	103	102	100	97	96	94	96	100	93	88
A-WEIGHTED (LwA)	114		62	67	73	73	89	84	90	89	90	94	95	101	104	106	103	104	103	103	103	101	99	97	95	97	99	92	85

Figure 35: DT308 Dynamic Test Downhill



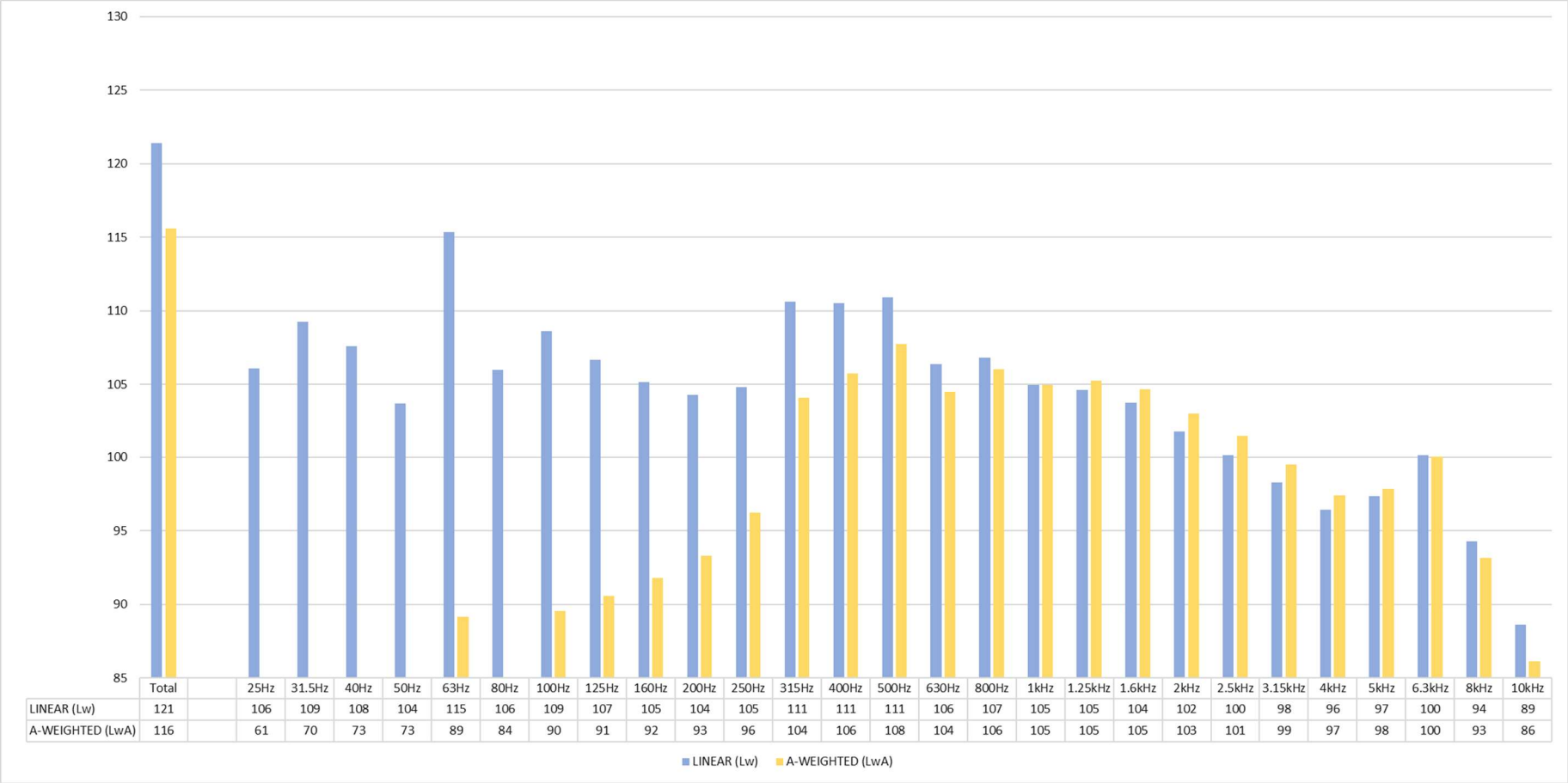
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		101	103	100	109	112	112	113	117	111	113	113	109	111	111	111	109	107	108	105	103	101	100	97	94	90	87	83
A-WEIGHTED (LwA)	117		56	63	65	79	86	89	94	101	98	102	105	103	106	108	109	108	107	109	106	104	103	101	98	94	90	86	81

Figure 36: DT316 Stationary Test



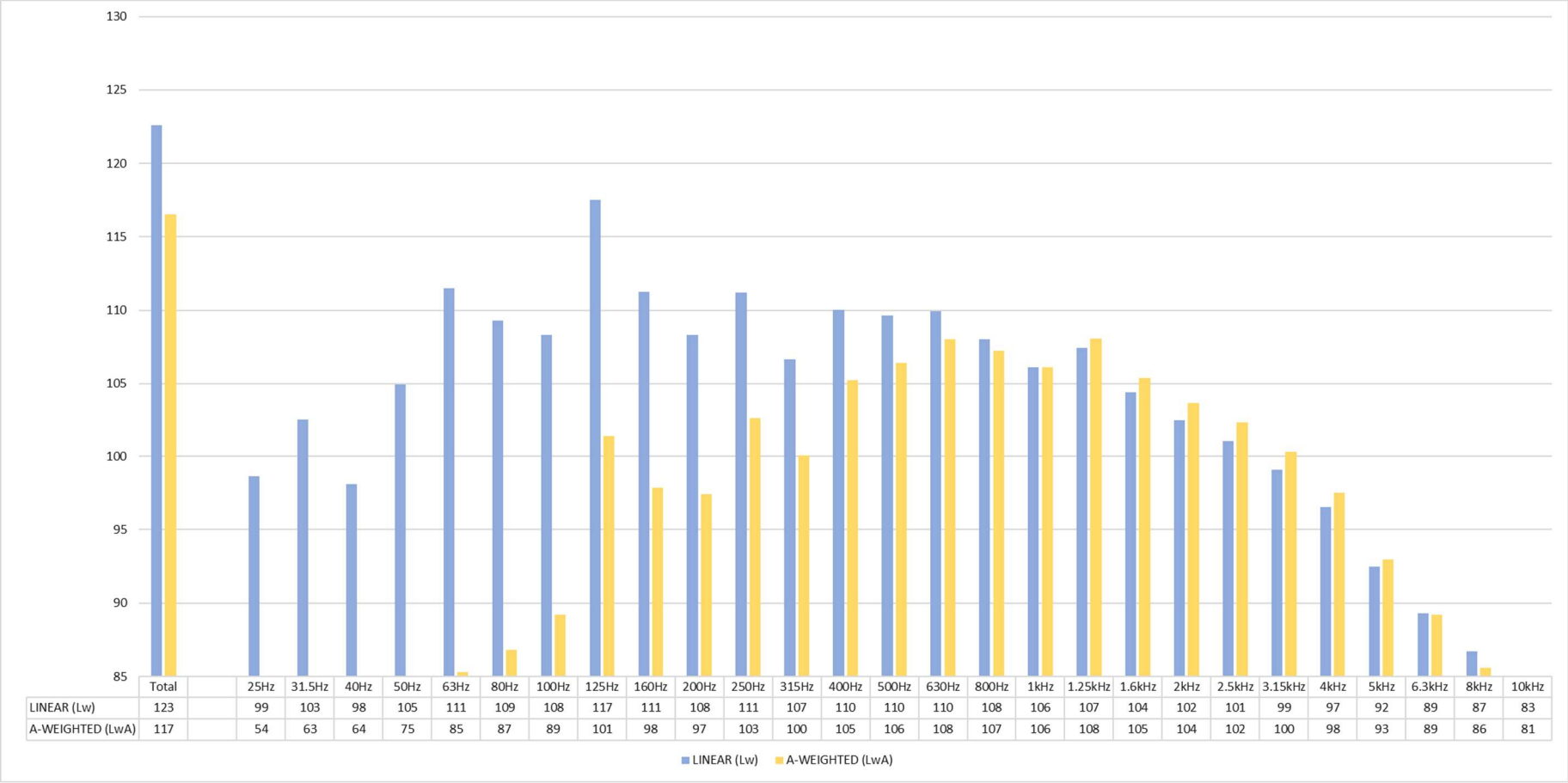
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129	104	118	116	119	120	114	116	121	116	119	118	113	116	115	111	108	106	105	103	102	101	99	97	95	92	88	85
A-WEIGHTED (LwA)	119	59	78	82	89	94	91	97	105	102	108	109	107	111	112	109	107	106	106	104	104	102	100	98	96	92	87	82

Figure 37: DT316 Dynamic Test Uphill



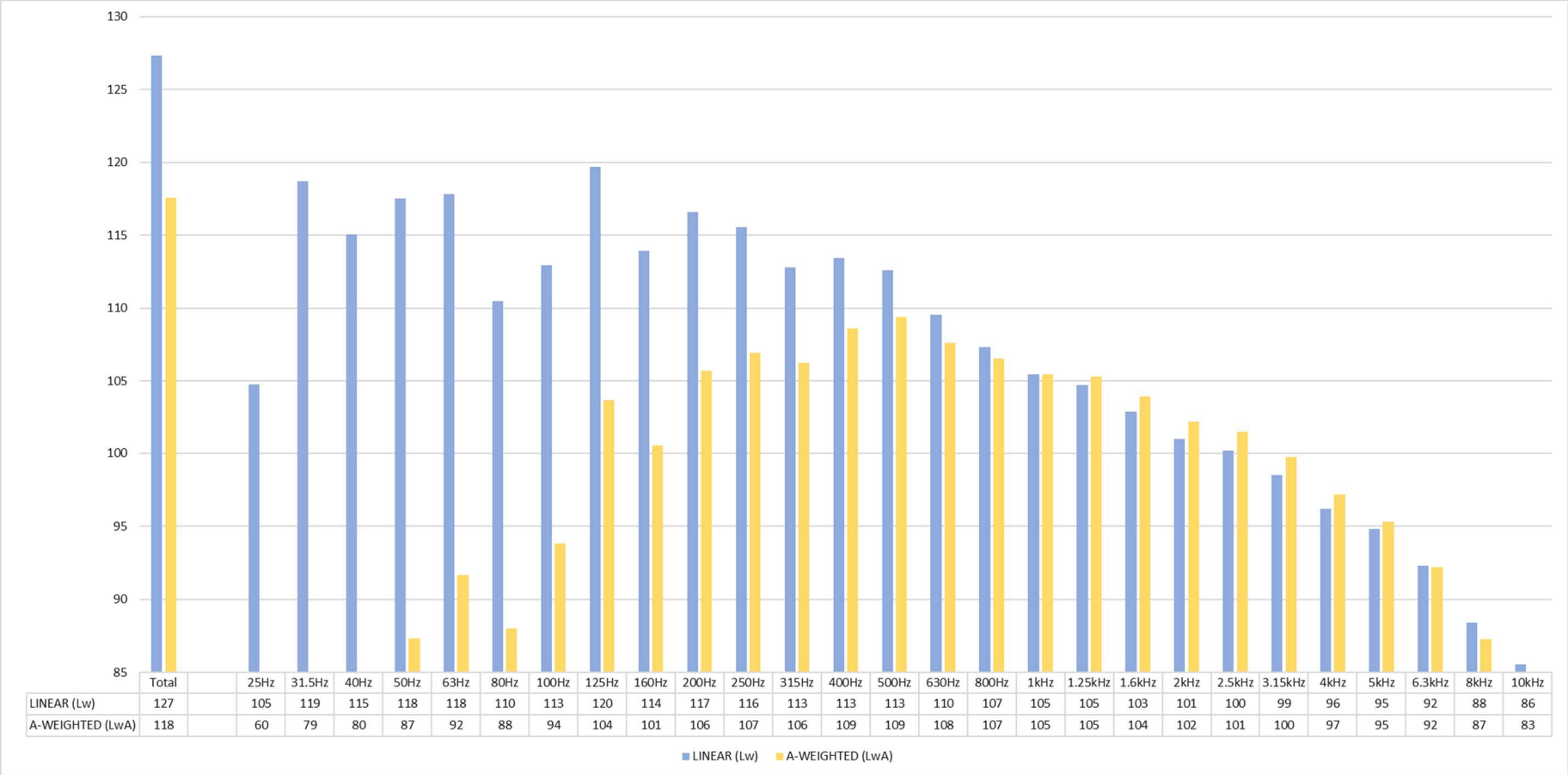
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121		106	109	108	104	115	106	109	107	105	104	105	111	111	111	106	107	105	105	104	102	100	98	96	97	100	94	89
A-WEIGHTED (LwA)	116		61	70	73	73	89	84	90	91	92	93	96	104	106	108	104	106	105	105	105	103	101	99	97	98	100	93	86

Figure 38: DT316 Dynamic Test Downhill



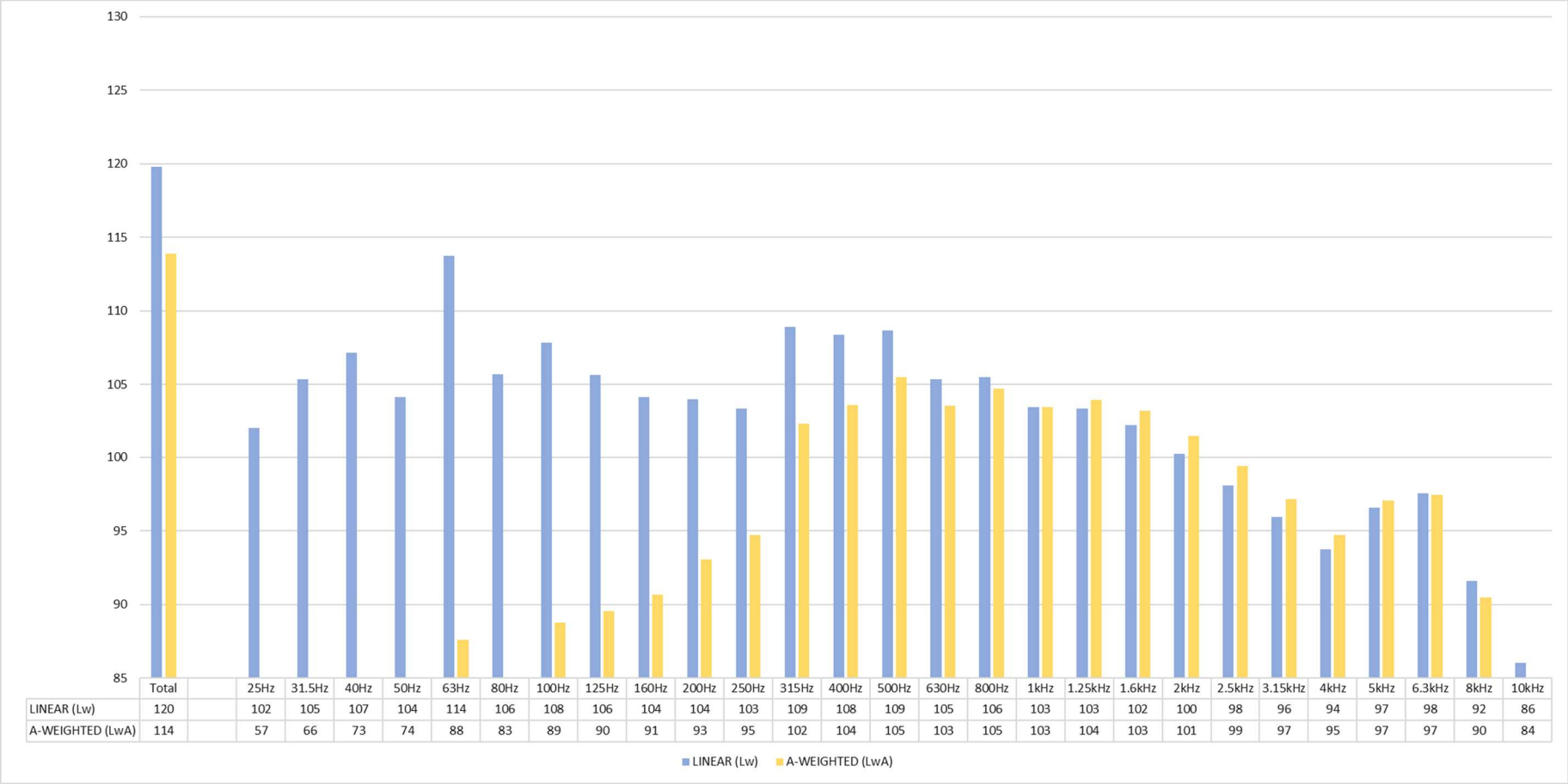
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		99	103	98	105	111	109	108	117	111	108	111	107	110	110	110	108	106	107	104	102	101	99	97	92	89	87	83
A-WEIGHTED (LwA)	117		54	63	64	75	85	87	89	101	98	97	103	100	105	106	108	107	106	108	105	104	102	100	98	93	89	86	81

Figure 39: DT317 Stationary Test



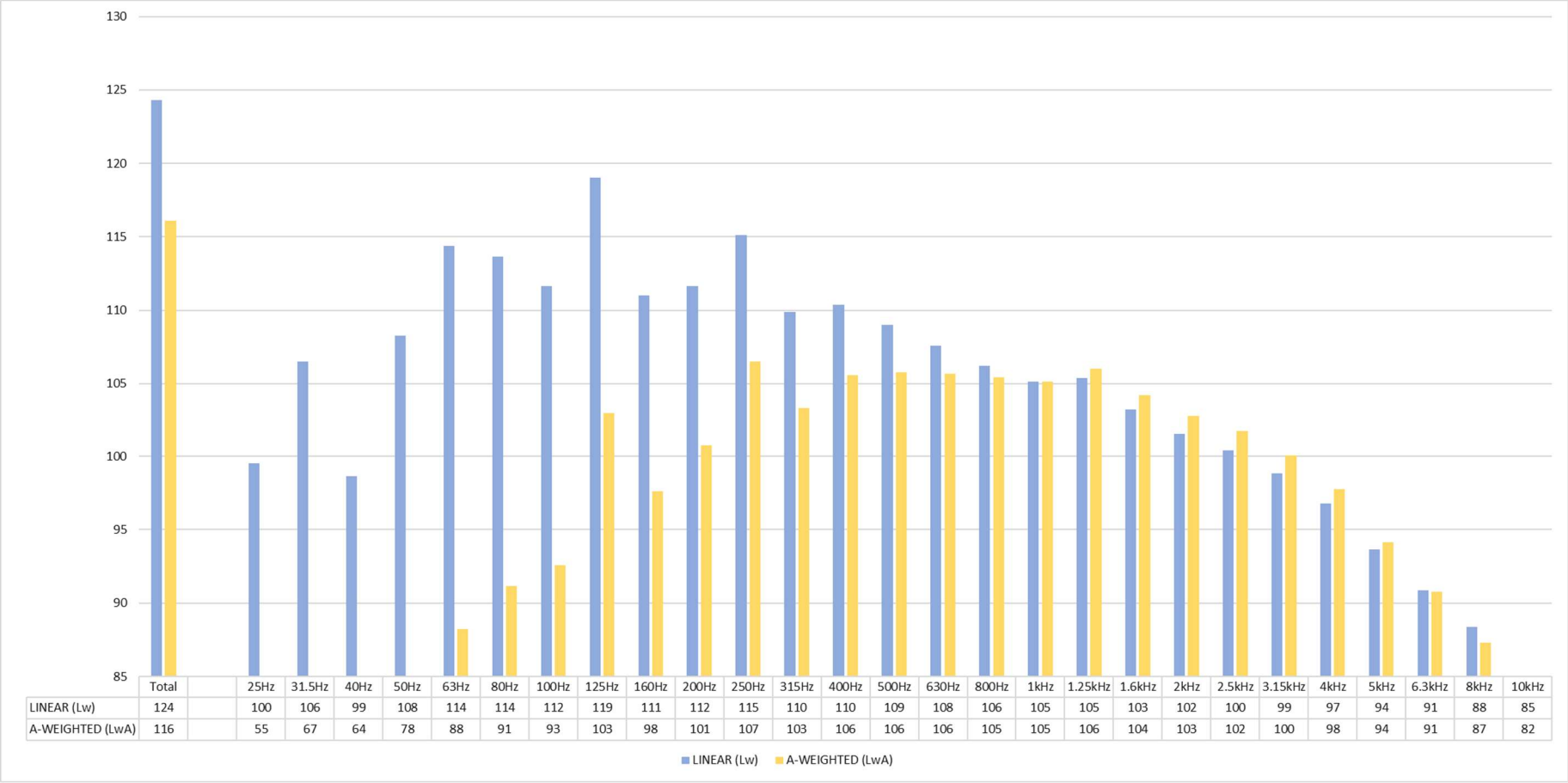
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127	105	119	115	118	118	110	113	120	114	117	116	113	113	113	110	107	105	105	103	101	100	99	96	95	92	88	86
A-WEIGHTED (LwA)	118	60	79	80	87	92	88	94	104	101	106	107	106	109	109	108	107	105	105	104	102	101	100	97	95	92	87	83

Figure 40: DT317 Dynamic Test Uphill



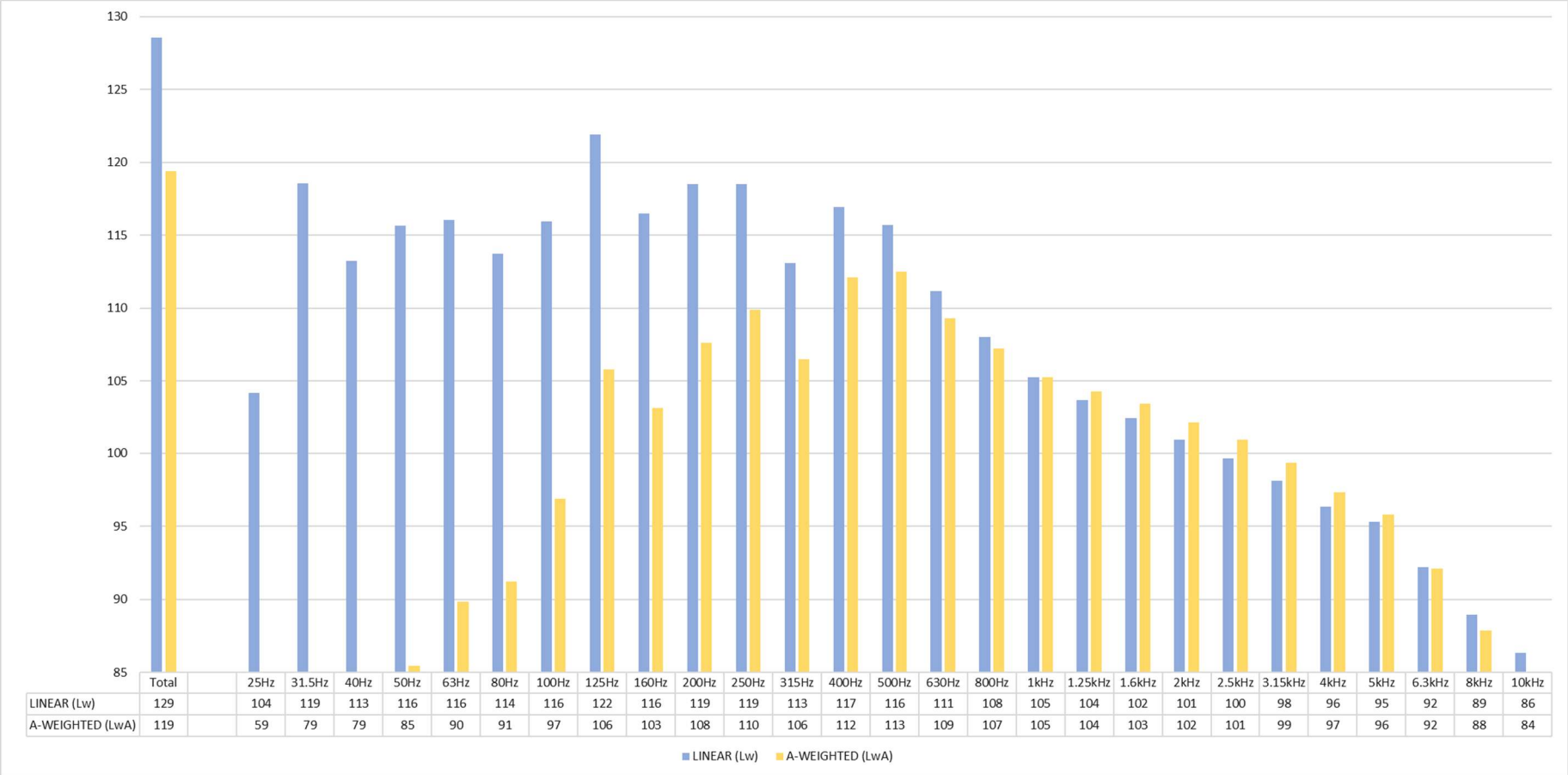
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		102	105	107	104	114	106	108	106	104	104	103	109	108	109	105	106	103	103	102	100	98	96	94	97	98	92	86
A-WEIGHTED (LwA)	114		57	66	73	74	88	83	89	90	91	93	95	102	104	105	103	105	103	104	103	101	99	97	95	97	97	90	84

Figure 41: DT317 Dynamic Test Downhill



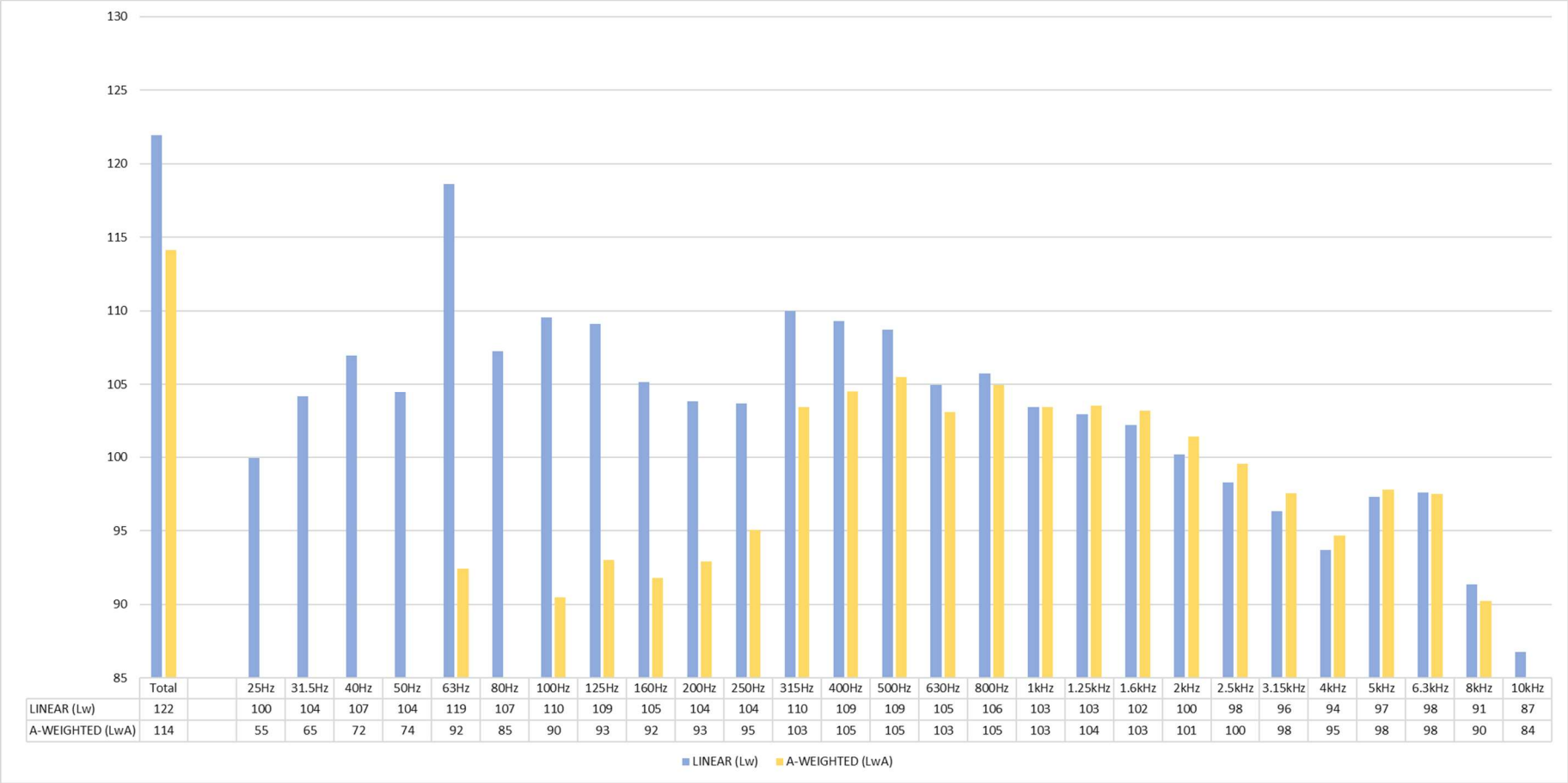
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		100	106	99	108	114	114	112	119	111	112	115	110	110	109	108	106	105	105	103	102	100	99	97	94	91	88	85
A-WEIGHTED (LwA)	116		55	67	64	78	88	91	93	103	98	101	107	103	106	106	106	105	105	106	104	103	102	100	98	94	91	87	82

Figure 42: DT319 Stationary Test



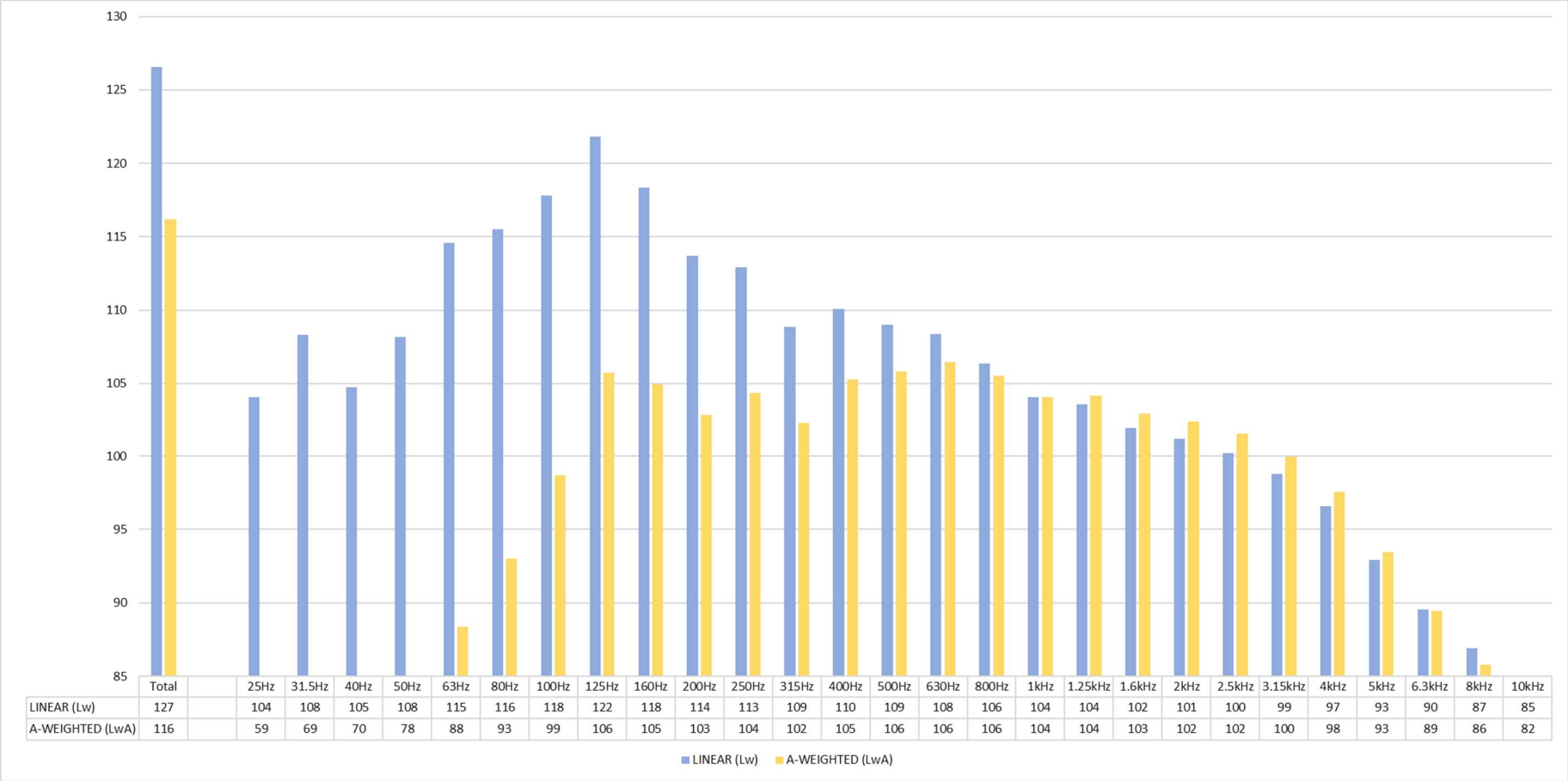
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		104	119	113	116	116	114	116	122	116	119	119	113	117	116	111	108	105	104	102	101	100	98	96	95	92	89	86
A-WEIGHTED (LwA)	119		59	79	79	85	90	91	97	106	103	108	110	106	112	113	109	107	105	104	103	102	101	99	97	96	92	88	84

Figure 43: DT319 Dynamic Test Uphill



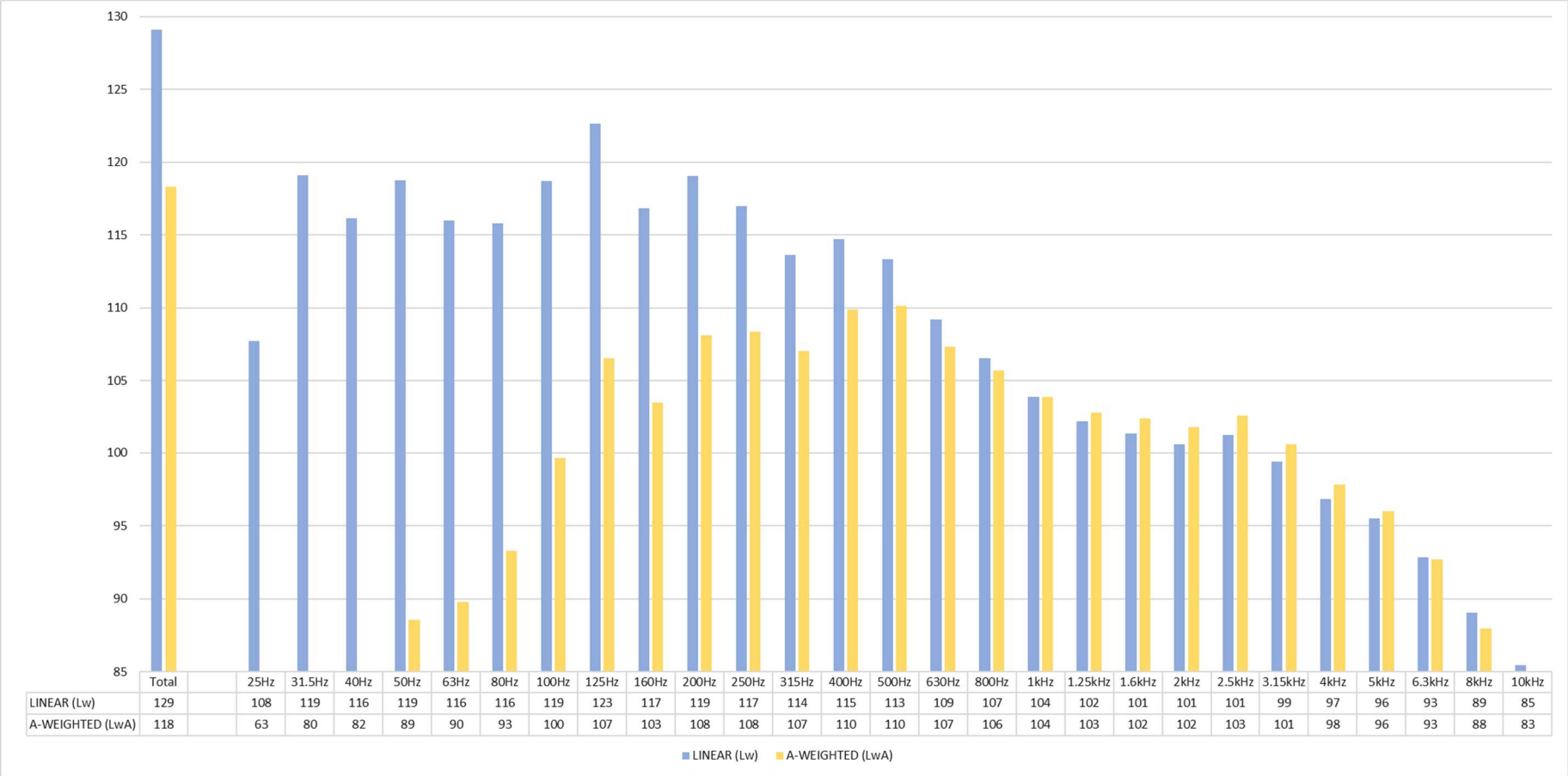
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	122		100	104	107	104	119	107	110	109	105	104	104	110	109	109	105	106	103	103	102	100	98	96	94	97	98	91	87
A-WEIGHTED (LwA)	114		55	65	72	74	92	85	90	93	92	93	95	103	105	105	103	105	103	104	103	101	100	98	95	98	98	90	84

Figure 44: DT319 Dynamic Test Downhill



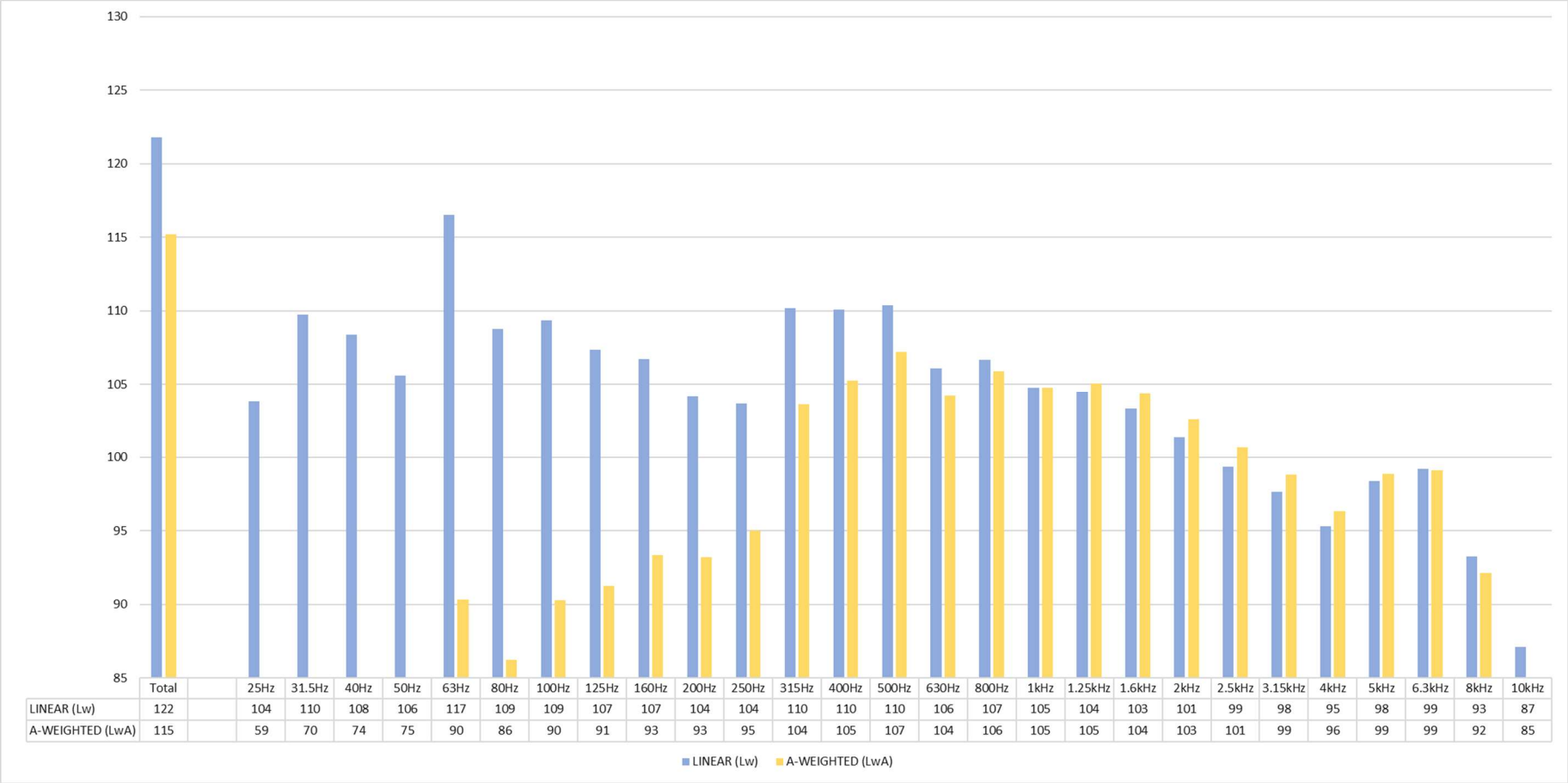
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		104	108	105	108	115	116	118	122	118	114	113	109	110	109	108	106	104	104	102	101	100	99	97	93	90	87	85
A-WEIGHTED (LwA)	116		59	69	70	78	88	93	99	106	105	103	104	102	105	106	106	106	104	104	103	102	102	100	98	93	89	86	82

Figure 45: DT320 Stationary Test



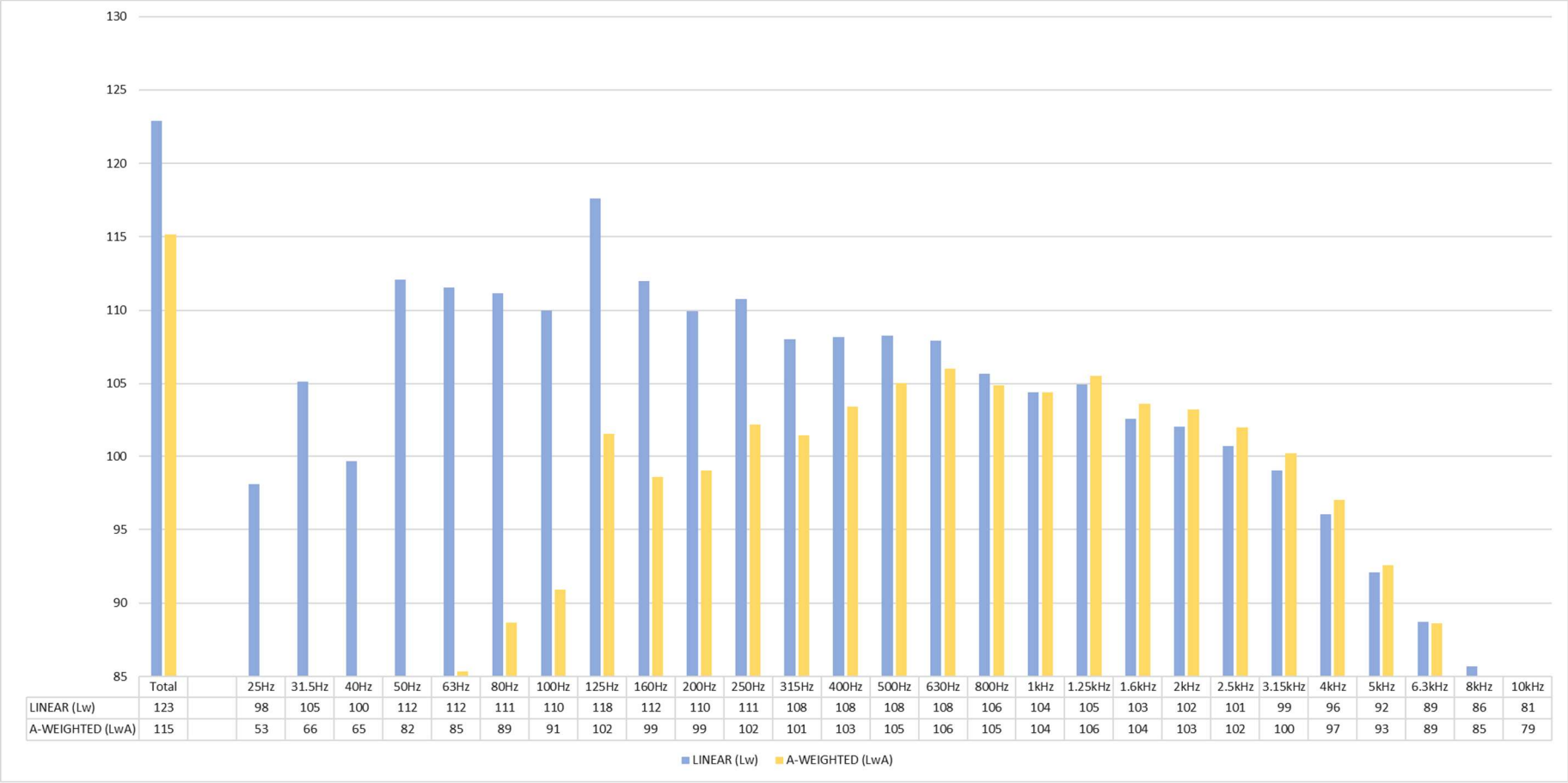
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129	108	119	116	119	116	116	119	123	117	119	117	114	115	113	109	107	104	102	101	101	101	99	97	96	93	89	85
A-WEIGHTED (LwA)	118	63	80	82	89	90	93	100	107	103	108	108	107	110	110	107	106	104	103	102	102	103	101	98	96	93	88	83

Figure 46: DT320 Dynamic Test Uphill



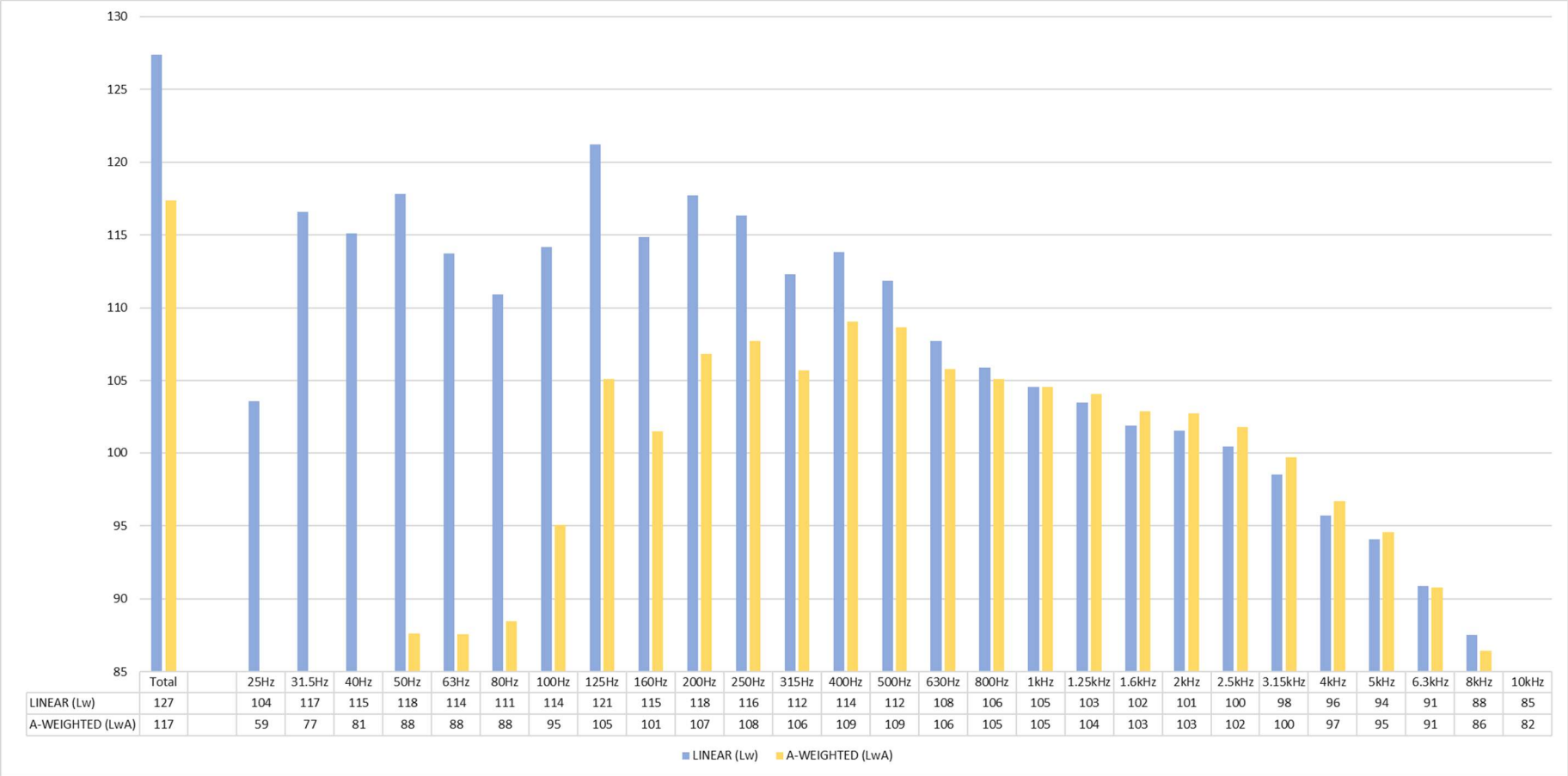
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	122		104	110	108	106	117	109	109	107	107	104	104	110	110	110	106	107	105	104	103	101	99	98	95	98	99	93	87
A-WEIGHTED (LwA)	115		59	70	74	75	90	86	90	91	93	93	95	104	105	107	104	106	105	105	104	103	101	99	96	99	99	92	85

Figure 47: DT320 Dynamic Test Downhill



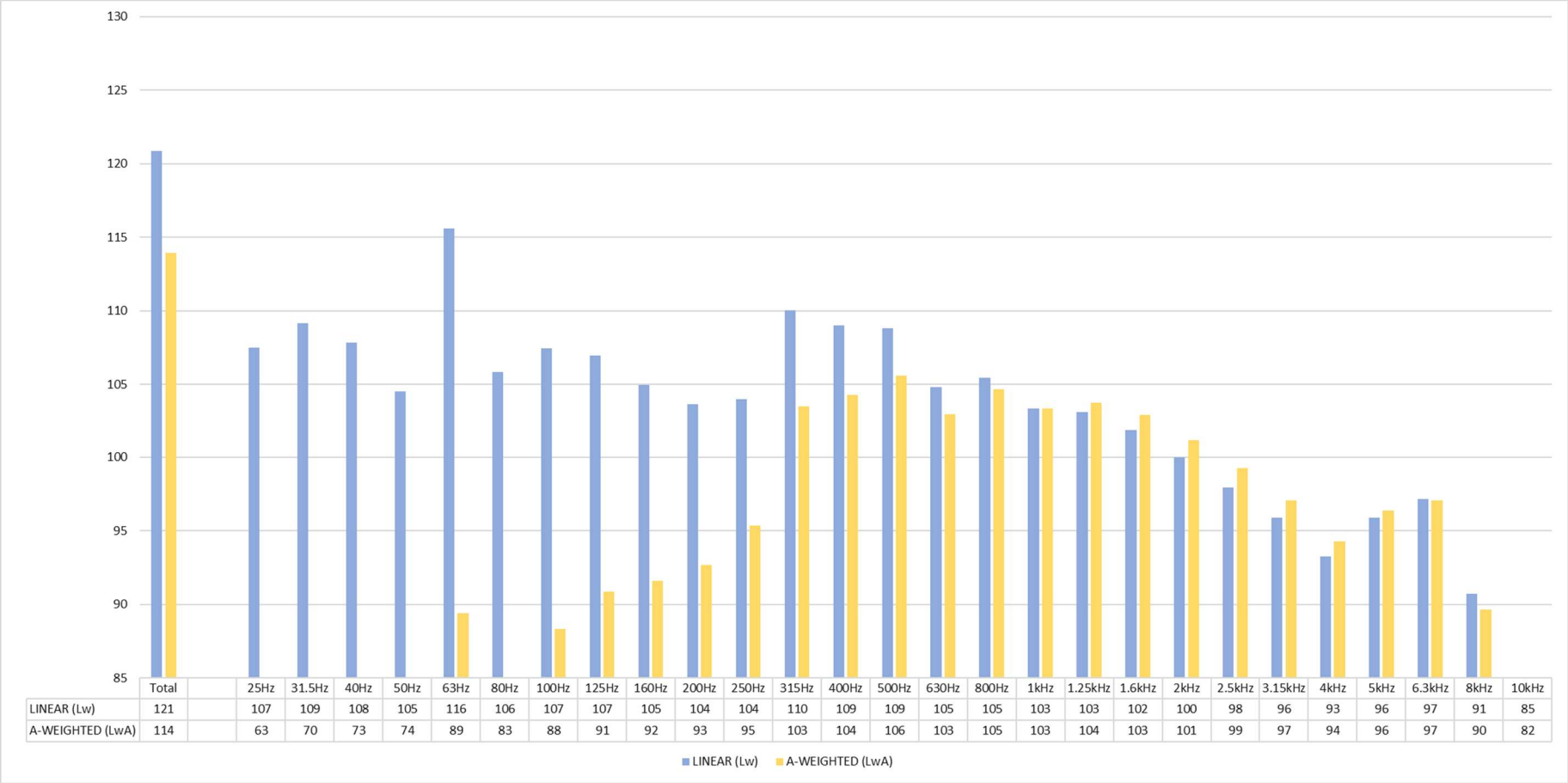
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		98	105	100	112	112	111	110	118	112	110	111	108	108	108	108	106	104	105	103	102	101	99	96	92	89	86	81
A-WEIGHTED (LwA)	115		53	66	65	82	85	89	91	102	99	99	102	101	103	105	106	105	104	106	104	103	102	100	97	93	89	85	79

Figure 48: DT321 Stationary Test



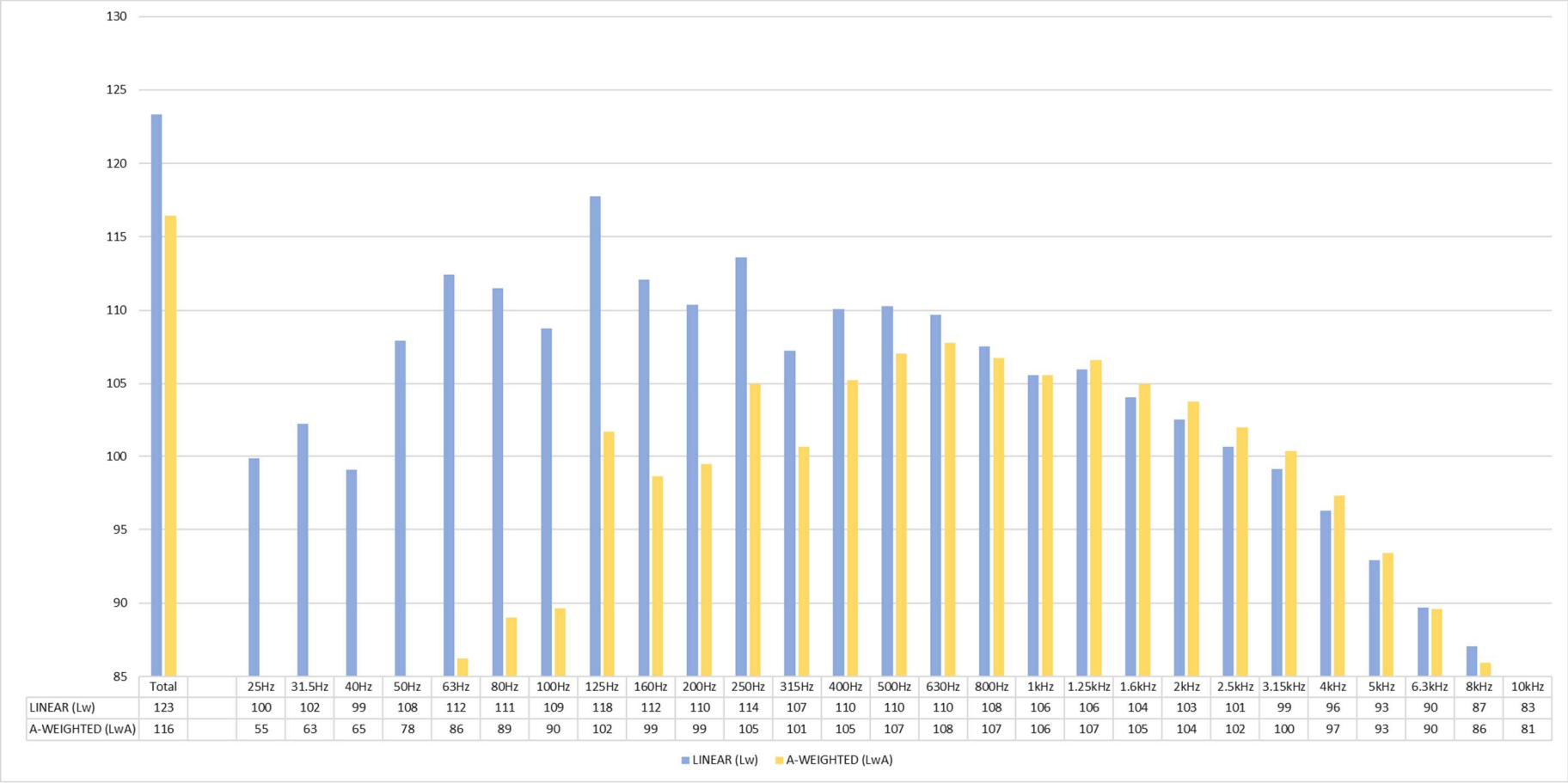
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127	104	117	115	118	114	111	114	121	115	118	116	112	114	112	108	106	105	103	102	101	100	98	96	94	91	88	85
A-WEIGHTED (LwA)	117	59	77	81	88	88	88	95	105	101	107	108	106	109	109	106	105	105	104	103	103	102	100	97	95	91	86	82

Figure 49: DT321 Dynamic Test Uphill



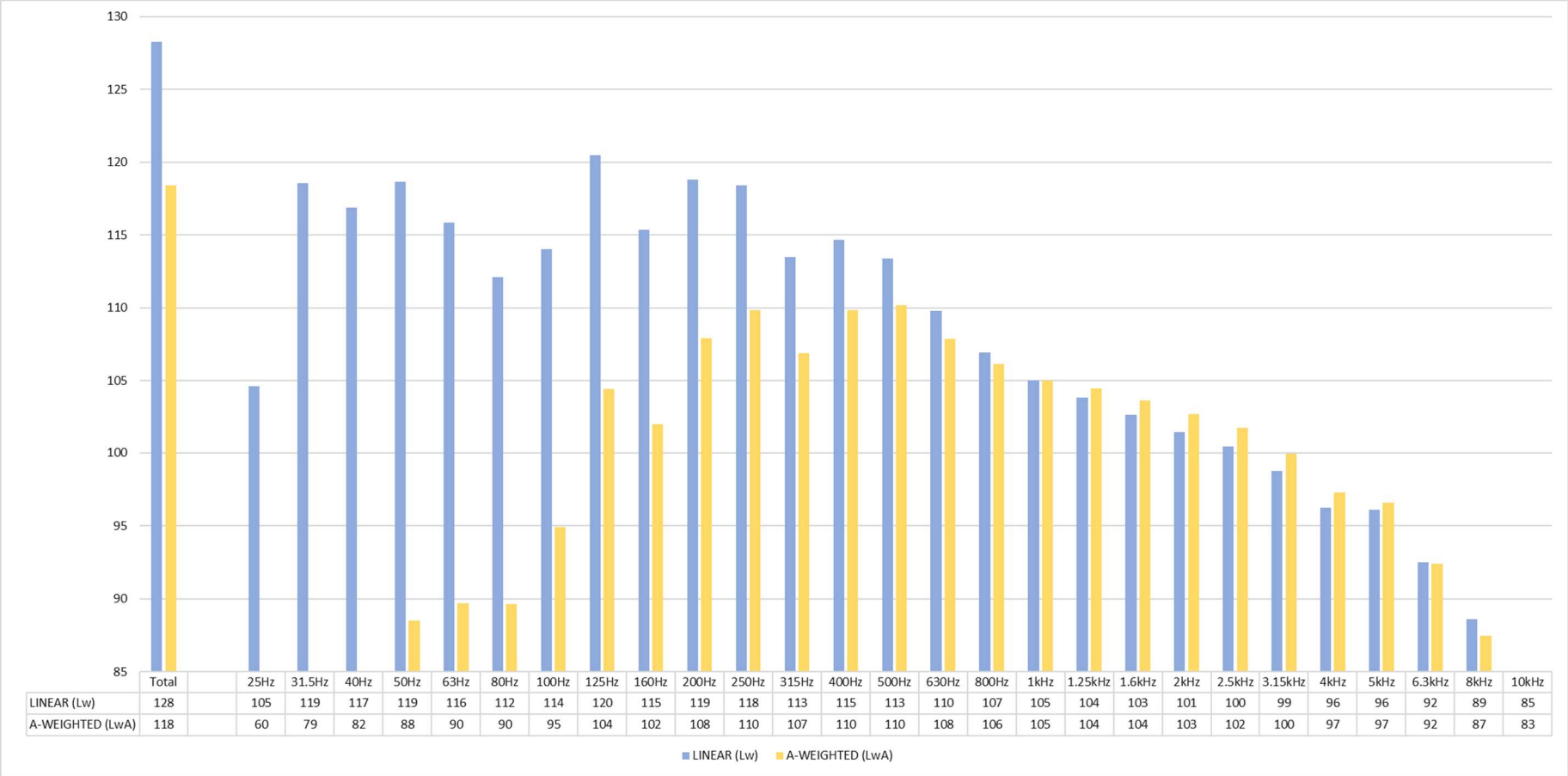
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121		107	109	108	105	116	106	107	107	105	104	104	110	109	109	105	105	103	103	102	100	98	96	93	96	97	91	85
A-WEIGHTED (LwA)	114		63	70	73	74	89	83	88	91	92	93	95	103	104	106	103	105	103	104	103	101	99	97	94	96	97	90	82

Figure 50: DT321 Dynamic Test Downhill



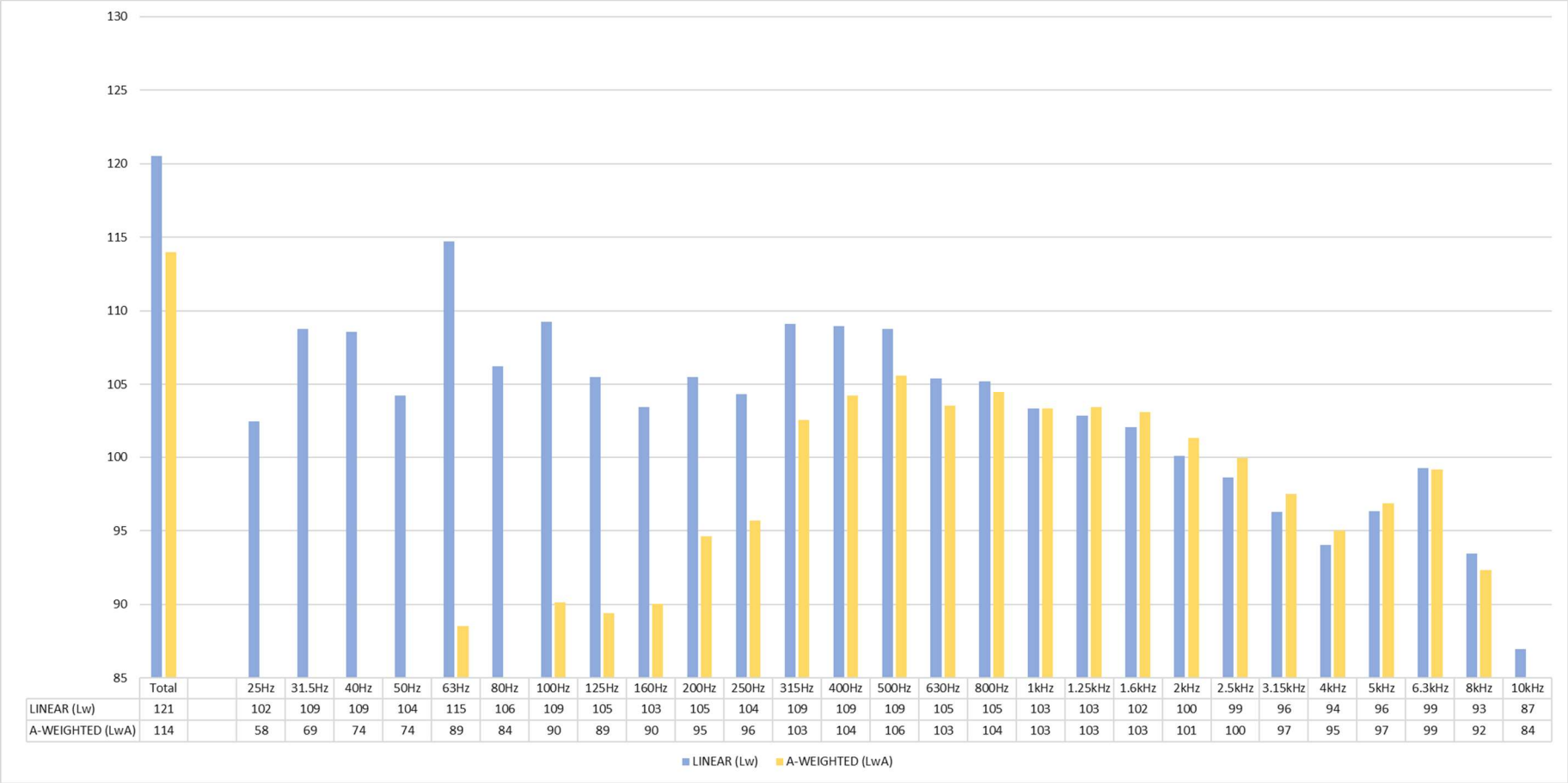
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		100	102	99	108	112	111	109	118	112	110	114	107	110	110	110	108	106	106	104	103	101	99	96	93	90	87	83
A-WEIGHTED (LwA)	116		55	63	65	78	86	89	90	102	99	99	105	101	105	107	108	107	106	107	105	104	102	100	97	93	90	86	81

Figure 51: DT322 Stationary Test



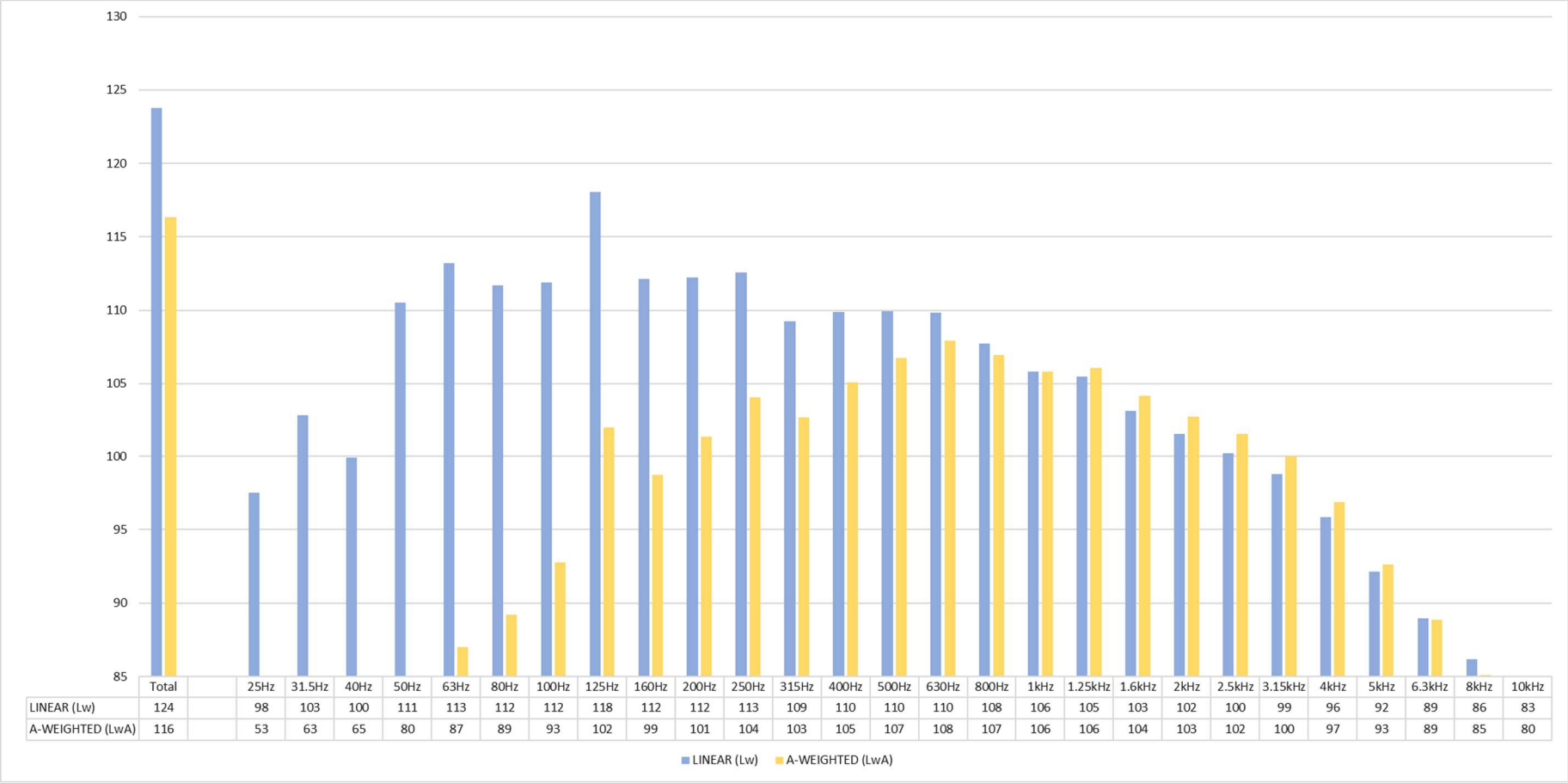
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		105	119	117	119	116	112	114	120	115	119	118	113	115	113	110	107	105	104	103	101	100	99	96	96	92	89	85
A-WEIGHTED (LwA)	118		60	79	82	88	90	90	95	104	102	108	110	107	110	110	108	106	105	104	104	103	102	100	97	97	92	87	83

Figure 52: DT322 Dynamic Test Uphill



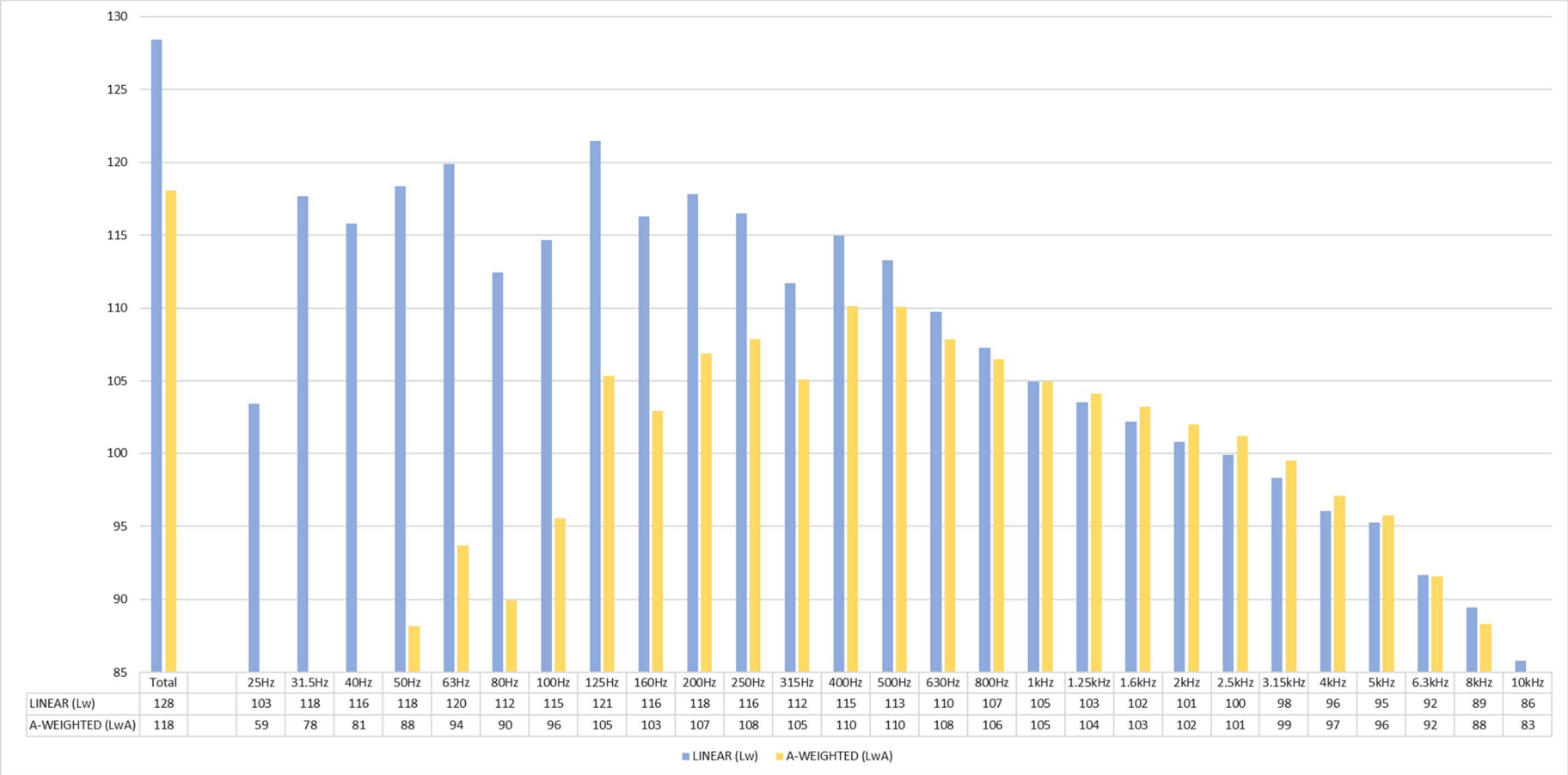
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121		102	109	109	104	115	106	109	105	103	105	104	109	109	109	105	105	103	103	102	100	99	96	94	96	99	93	87
A-WEIGHTED (LwA)	114		58	69	74	74	89	84	90	89	90	95	96	103	104	106	103	104	103	103	103	101	100	97	95	97	99	92	84

Figure 53: DT322 Dynamic Test Downhill



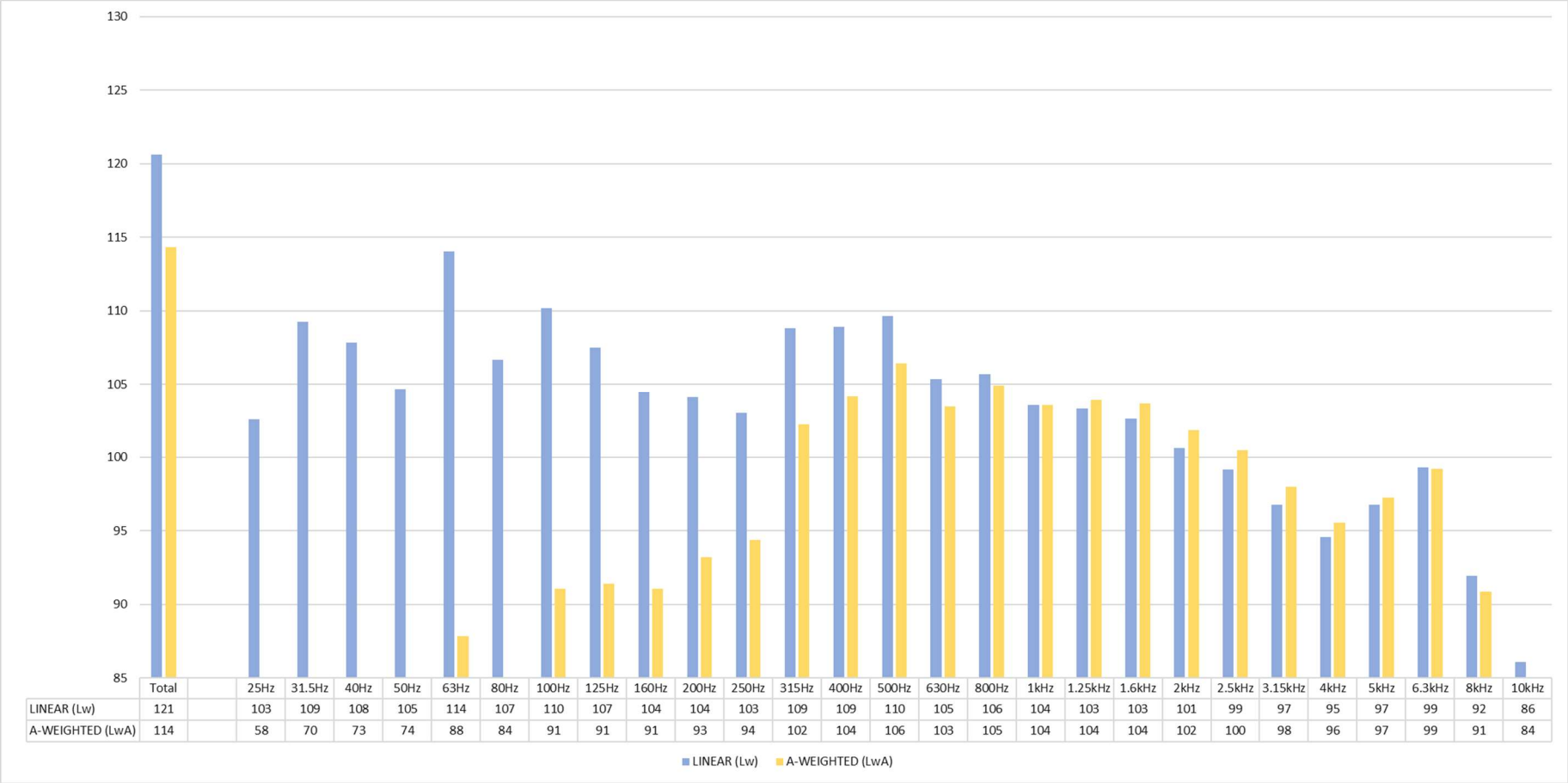
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		98	103	100	111	113	112	112	118	112	112	113	109	110	110	110	108	106	105	103	102	100	99	96	92	89	86	83
A-WEIGHTED (LwA)	116		53	63	65	80	87	89	93	102	99	101	104	103	105	107	108	107	106	106	104	103	102	100	97	93	89	85	80

Figure 54: DT324 Stationary Test



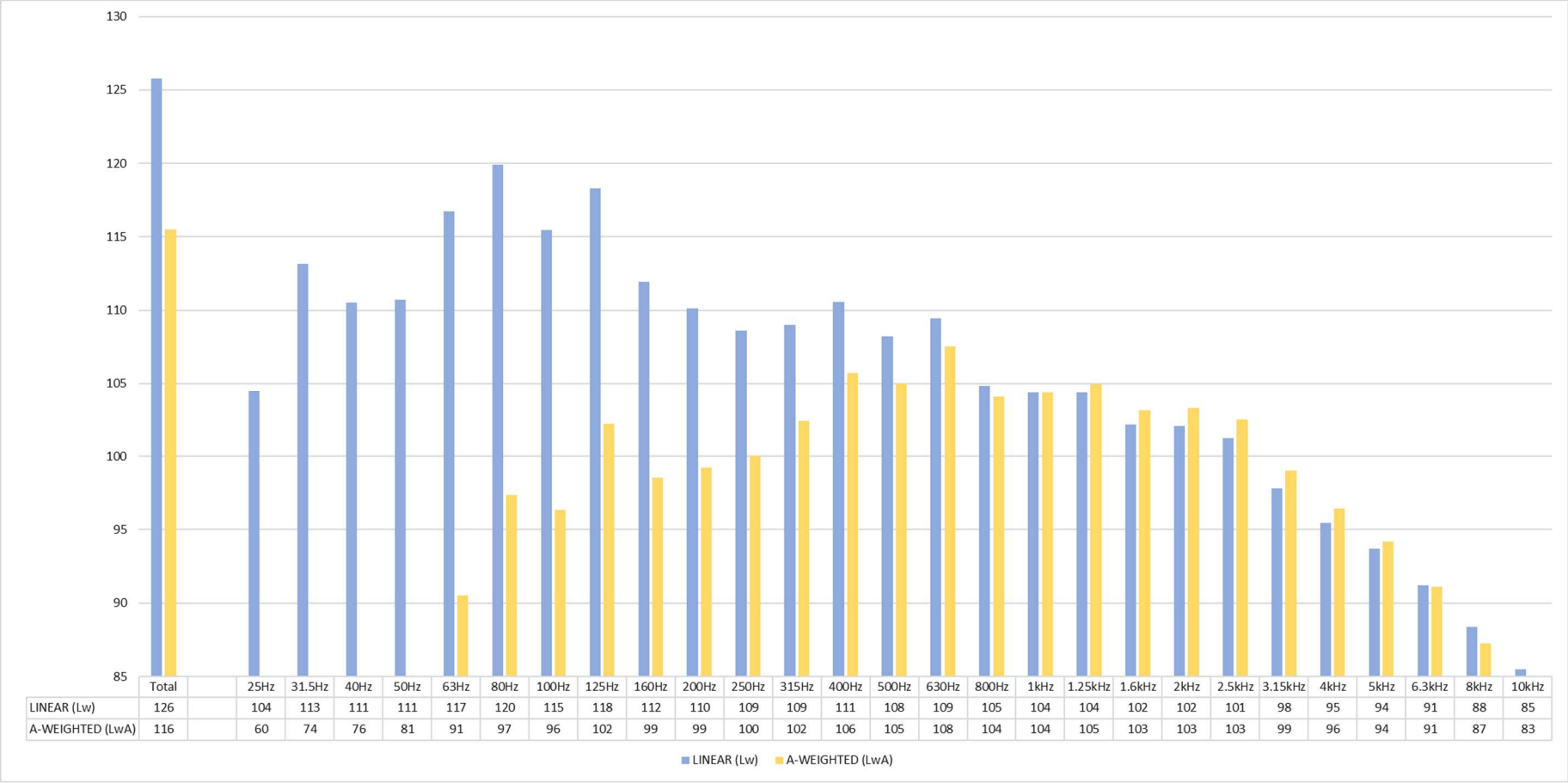
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		103	118	116	118	120	112	115	121	116	118	116	112	115	113	110	107	105	103	102	101	100	98	96	95	92	89	86
A-WEIGHTED (LwA)	118		59	78	81	88	94	90	96	105	103	107	108	105	110	110	108	106	105	104	103	102	101	99	97	96	92	88	83

Figure 55: DT324 Dynamic Test Uphill



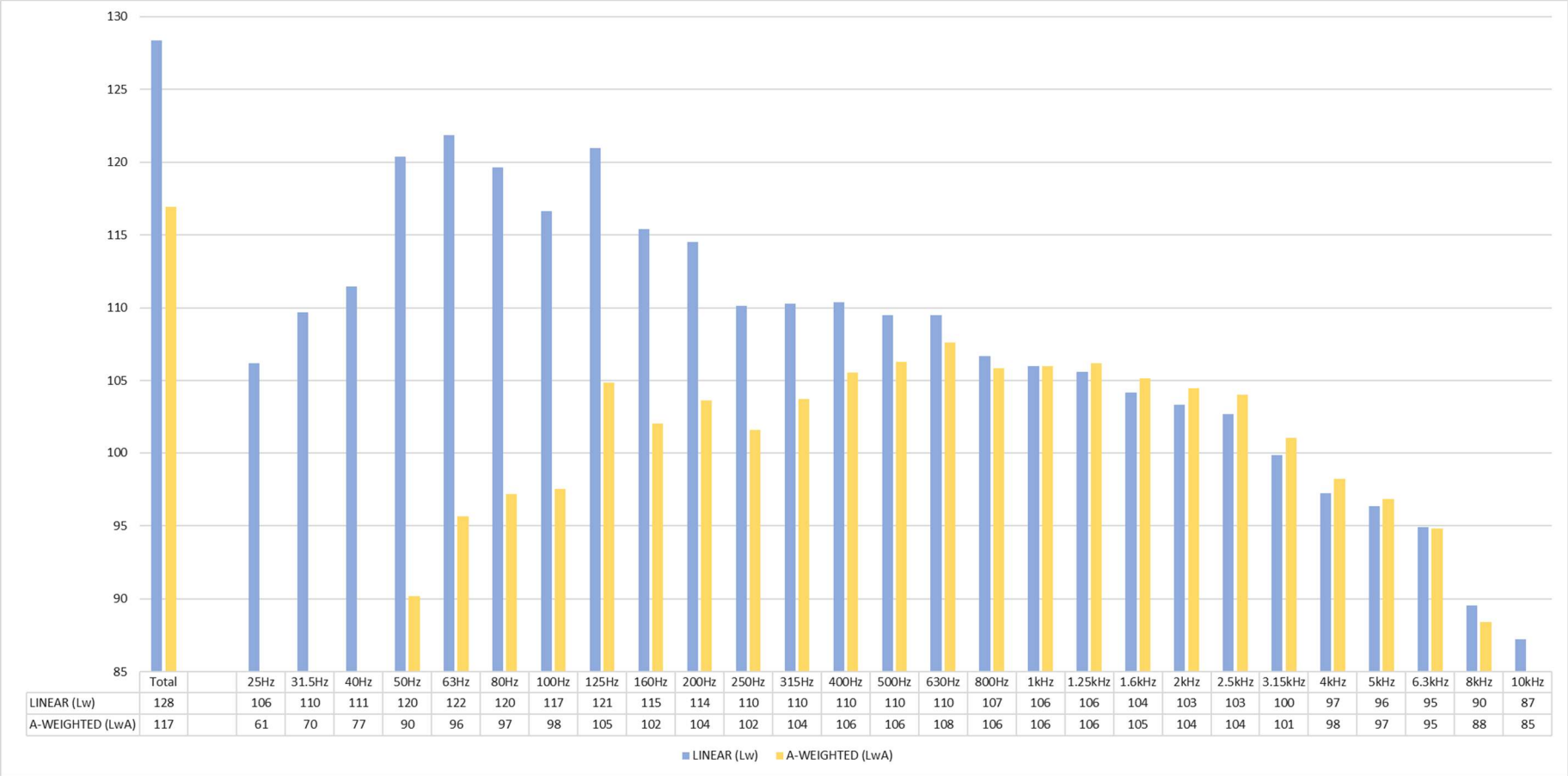
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121		103	109	108	105	114	107	110	107	104	104	103	109	109	110	105	106	104	103	103	101	99	97	95	97	99	92	86
A-WEIGHTED (LwA)	114		58	70	73	74	88	84	91	91	91	93	94	102	104	106	103	105	104	104	104	102	100	98	96	97	99	91	84

Figure 56: DT324 Dynamic Test Downhill



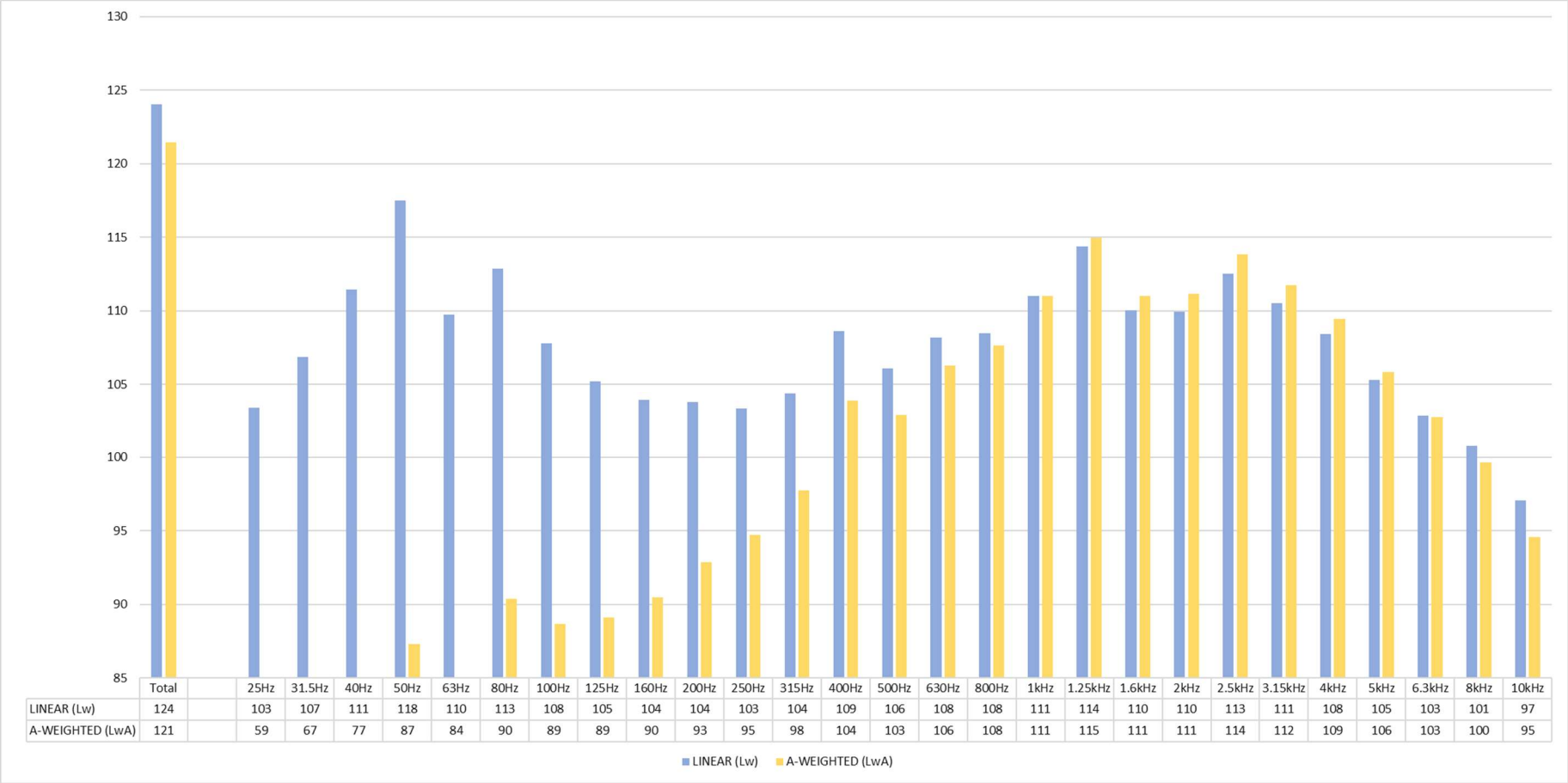
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		104	113	111	111	117	120	115	118	112	110	109	109	111	108	109	105	104	104	102	102	101	98	95	94	91	88	85
A-WEIGHTED (LwA)	116		60	74	76	81	91	97	96	102	99	99	100	102	106	105	108	104	104	105	103	103	103	99	96	94	91	87	83

Figure 57: DT720 Stationary Test



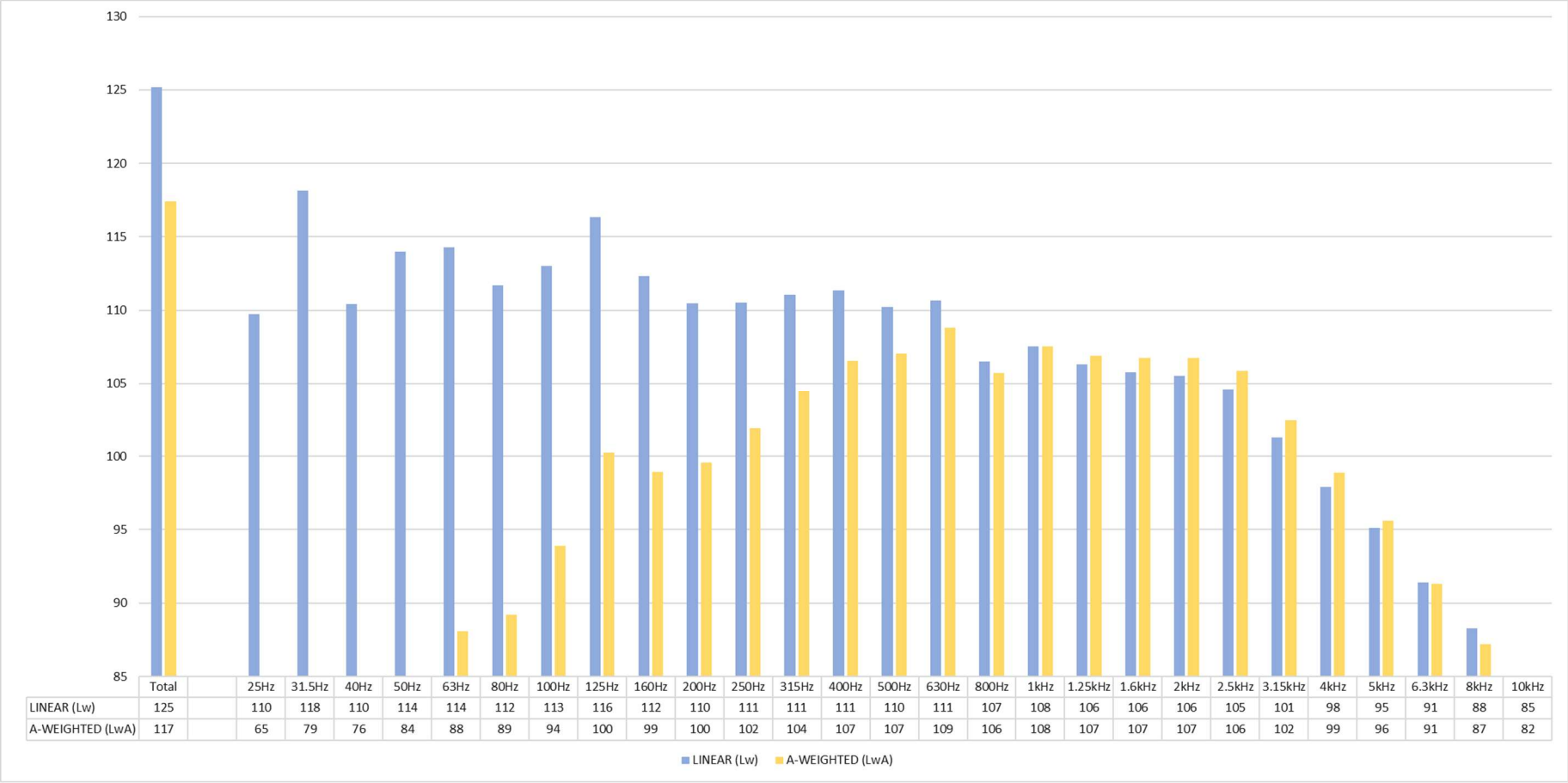
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		106	110	111	120	122	120	117	121	115	114	110	110	110	110	110	107	106	106	104	103	103	100	97	96	95	90	87
A-WEIGHTED (LwA)	117		61	70	77	90	96	97	98	105	102	104	102	104	106	106	108	106	106	106	105	104	104	101	98	97	95	88	85

Figure 58: DT720 Dynamic Test Uphill



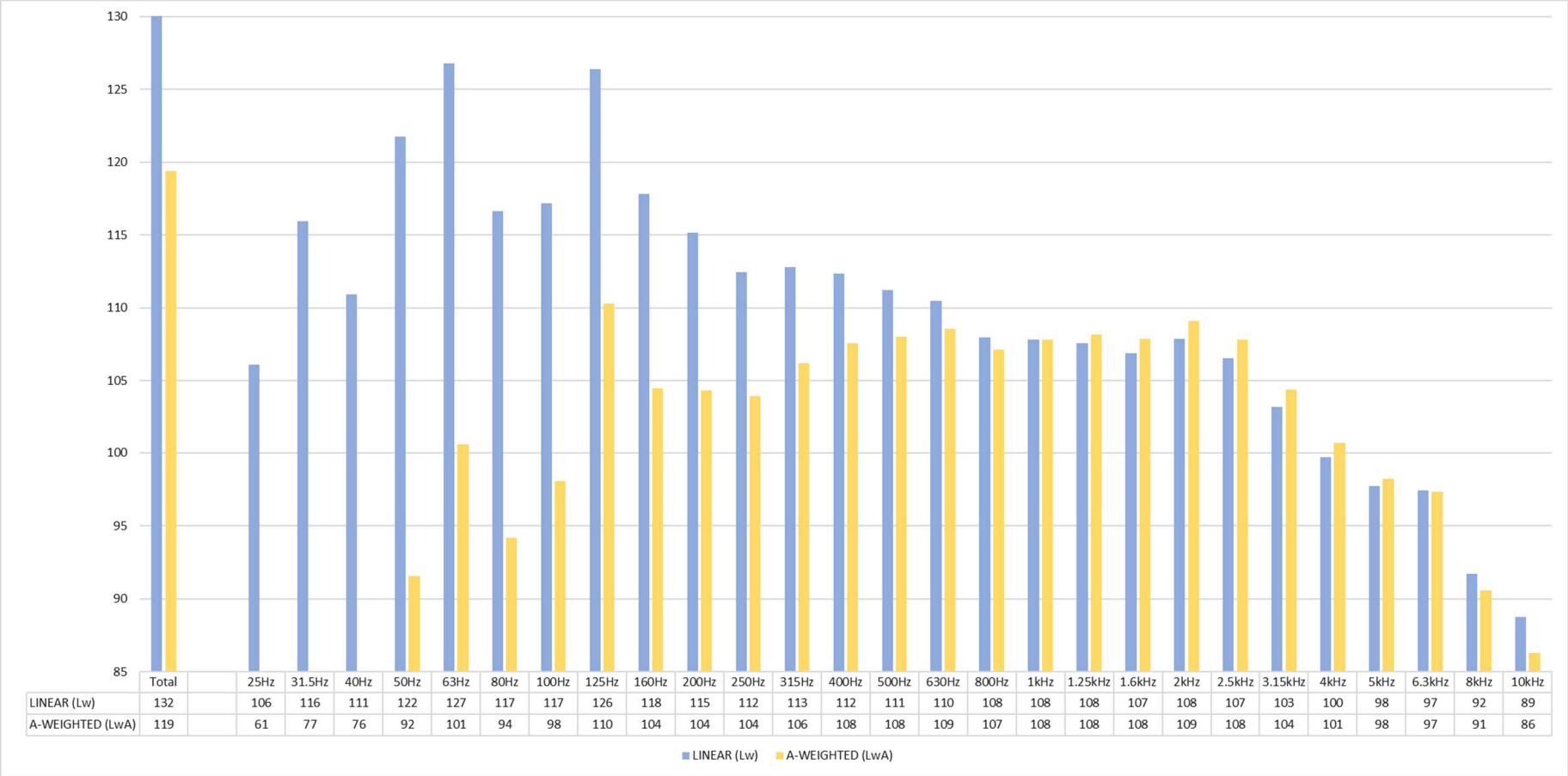
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		103	107	111	118	110	113	108	105	104	104	103	104	109	106	108	108	111	114	110	110	113	111	108	105	103	101	97
A-WEIGHTED (LwA)	121		59	67	77	87	84	90	89	89	90	93	95	98	104	103	106	108	111	115	111	111	114	112	109	106	103	100	95

Figure 59: DT720 Dynamic Test Downhill



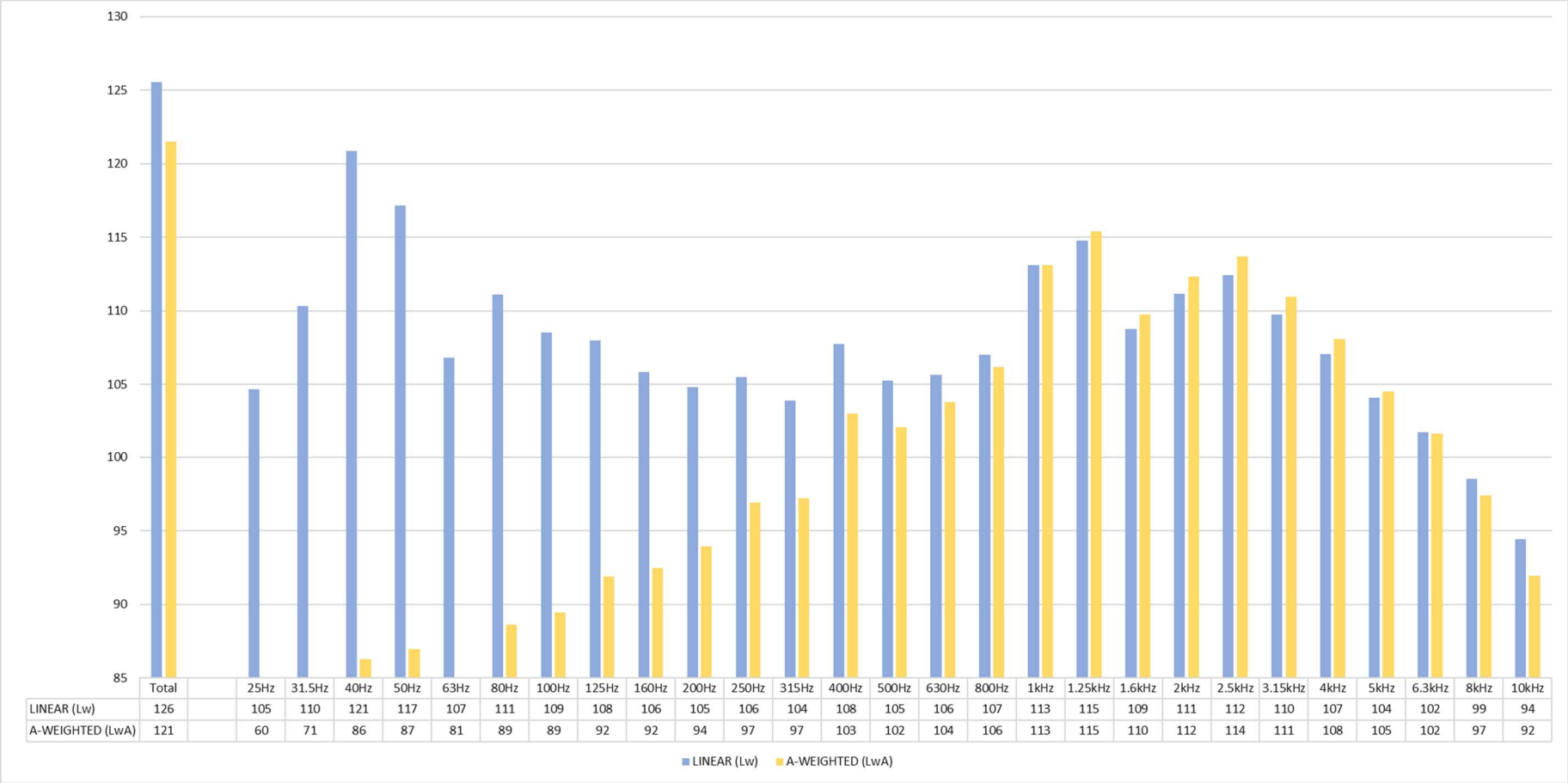
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		110	118	110	114	114	112	113	116	112	110	111	111	111	110	111	107	108	106	106	106	105	101	98	95	91	88	85
A-WEIGHTED (LwA)	117		65	79	76	84	88	89	94	100	99	100	102	104	107	107	109	106	108	107	107	107	106	102	99	96	91	87	82

Figure 60: DT721 Stationary Test



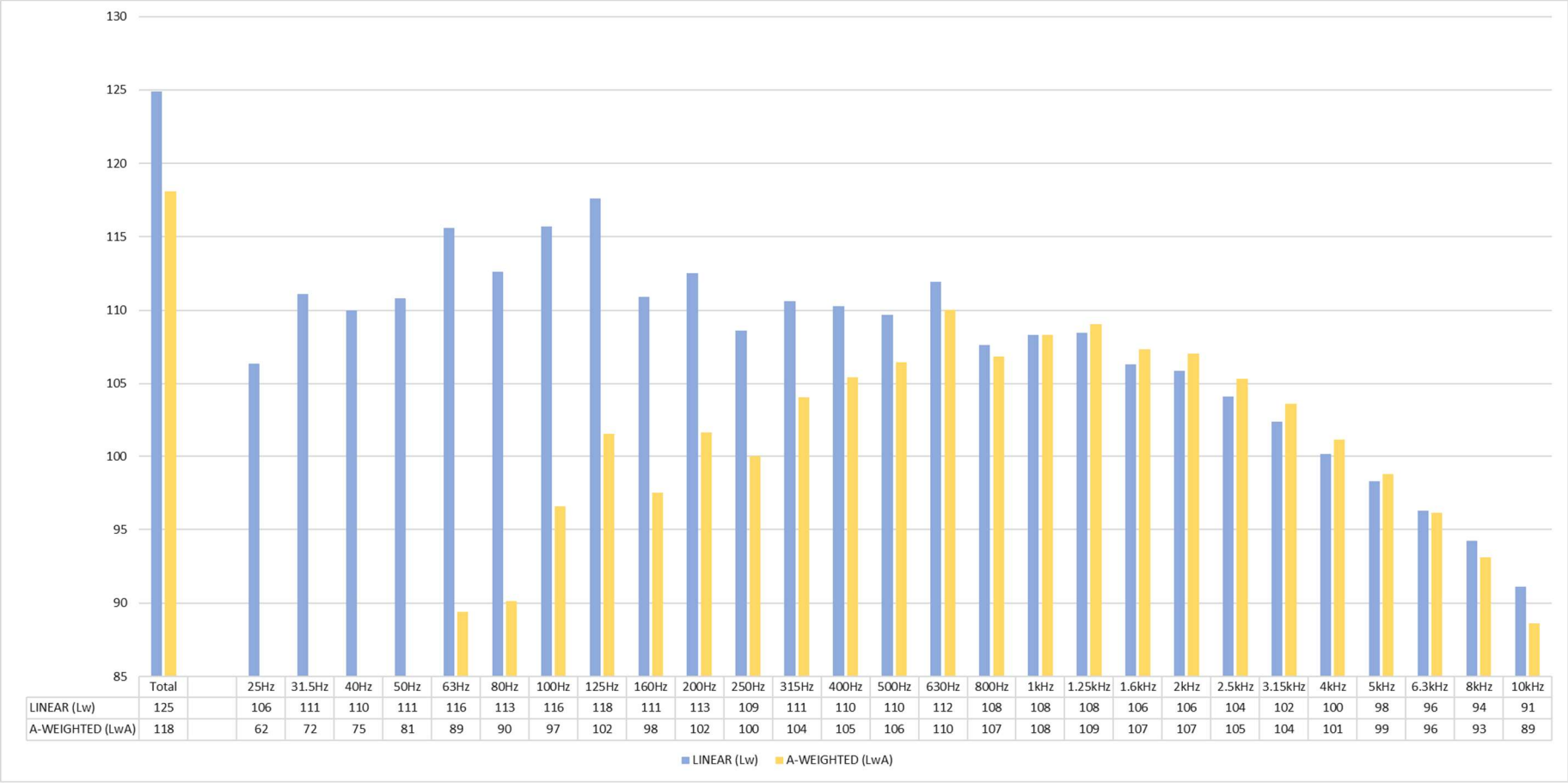
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	132	106	116	111	122	127	117	117	126	118	115	112	113	112	111	110	108	108	108	107	108	107	103	100	98	97	92	89
A-WEIGHTED (LwA)	119	61	77	76	92	101	94	98	110	104	104	104	106	108	108	109	107	108	108	108	109	108	104	101	98	97	91	86

Figure 61: DT721 Dynamic Test Uphill



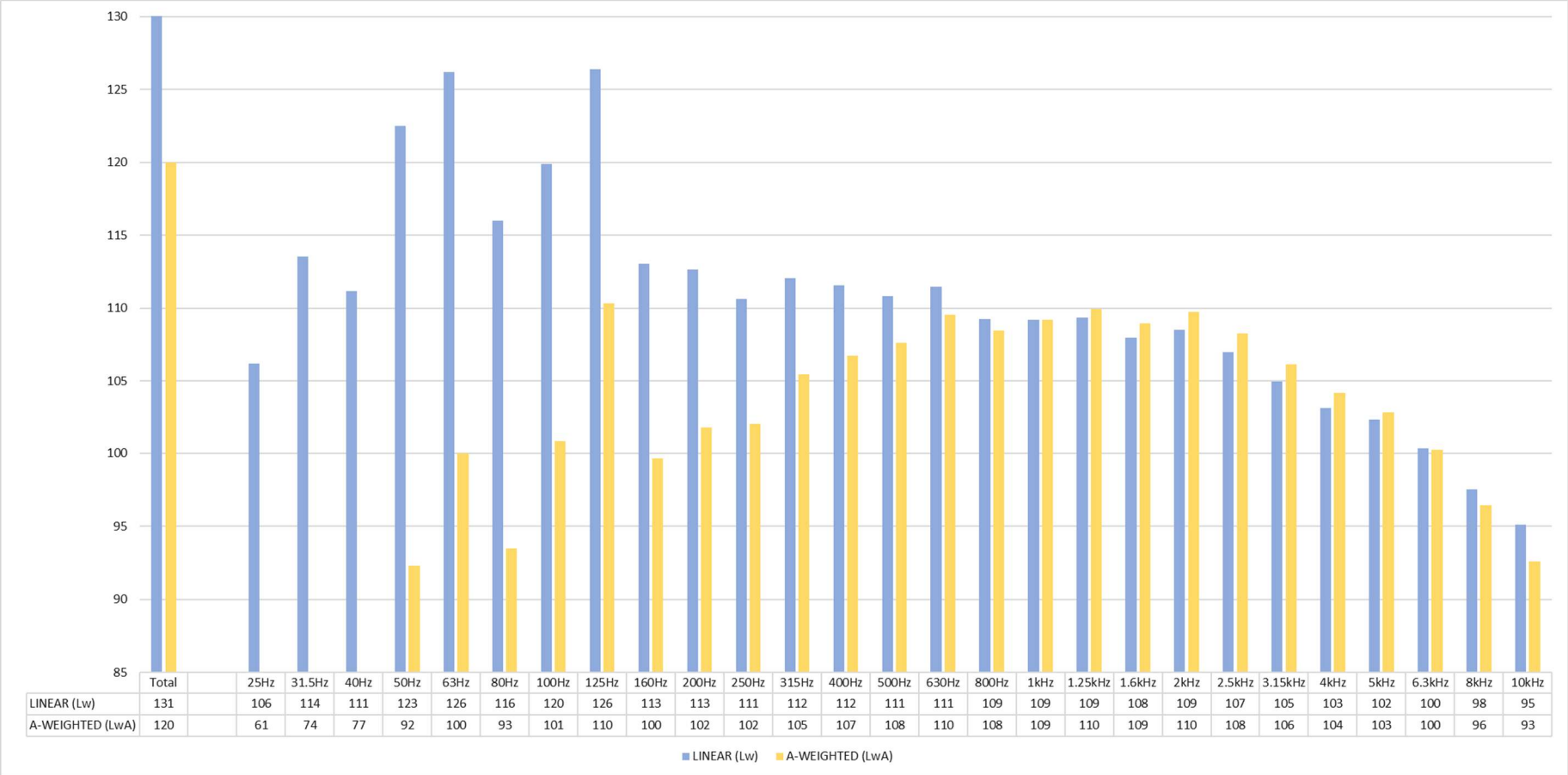
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		105	110	121	117	107	111	109	108	106	105	106	104	108	105	106	107	113	115	109	111	112	110	107	104	102	99	94
A-WEIGHTED (LwA)	121		60	71	86	87	81	89	89	92	92	94	97	97	103	102	104	106	113	115	110	112	114	111	108	105	102	97	92

Figure 62: DT721 Dynamic Test Downhill



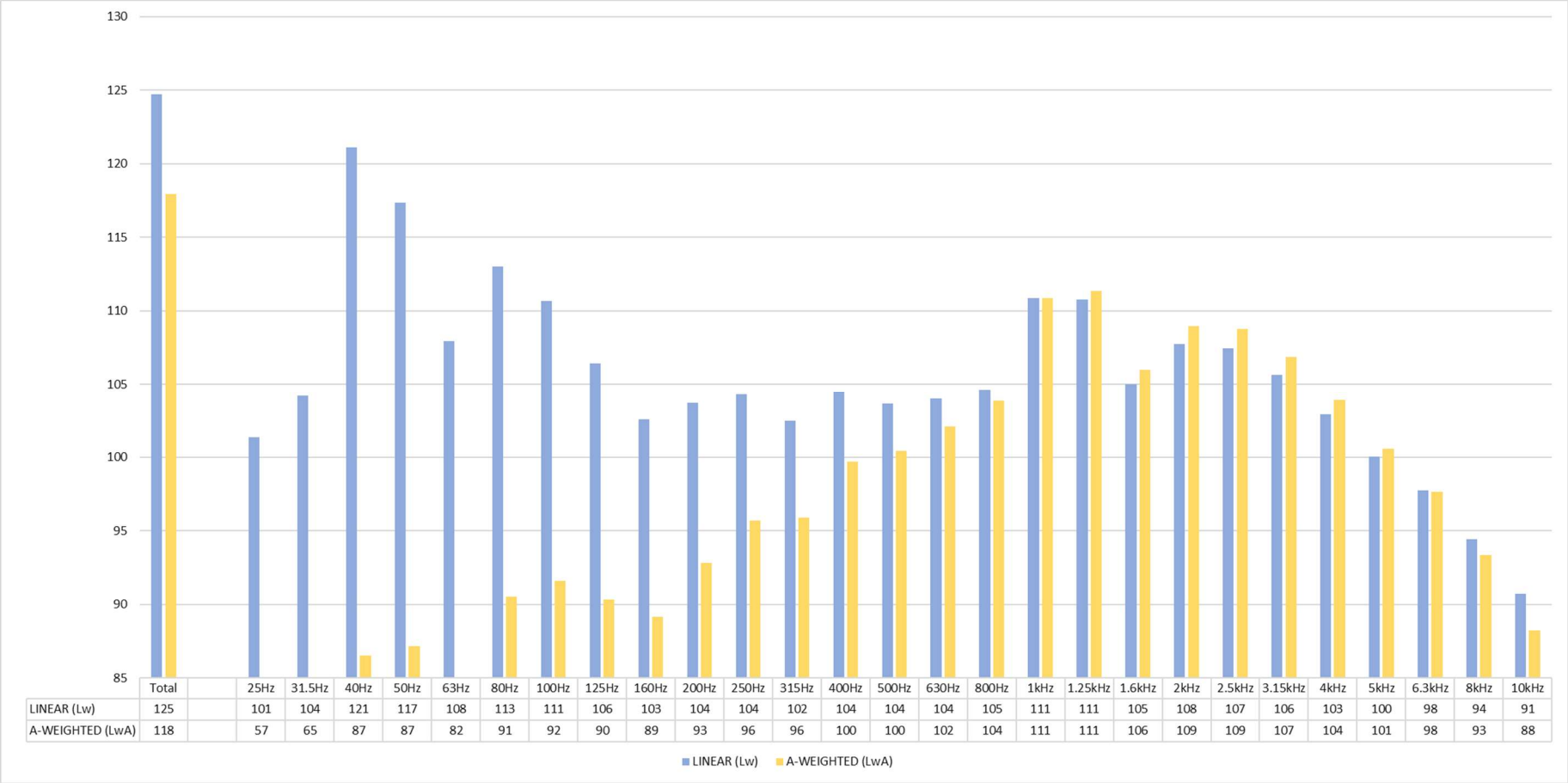
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		106	111	110	111	116	113	116	118	111	113	109	111	110	110	112	108	108	108	106	106	104	102	100	98	96	94	91
A-WEIGHTED (LwA)	118		62	72	75	81	89	90	97	102	98	102	100	104	105	106	110	107	108	109	107	107	105	104	101	99	96	93	89

Figure 63: DT722 Stationary Test



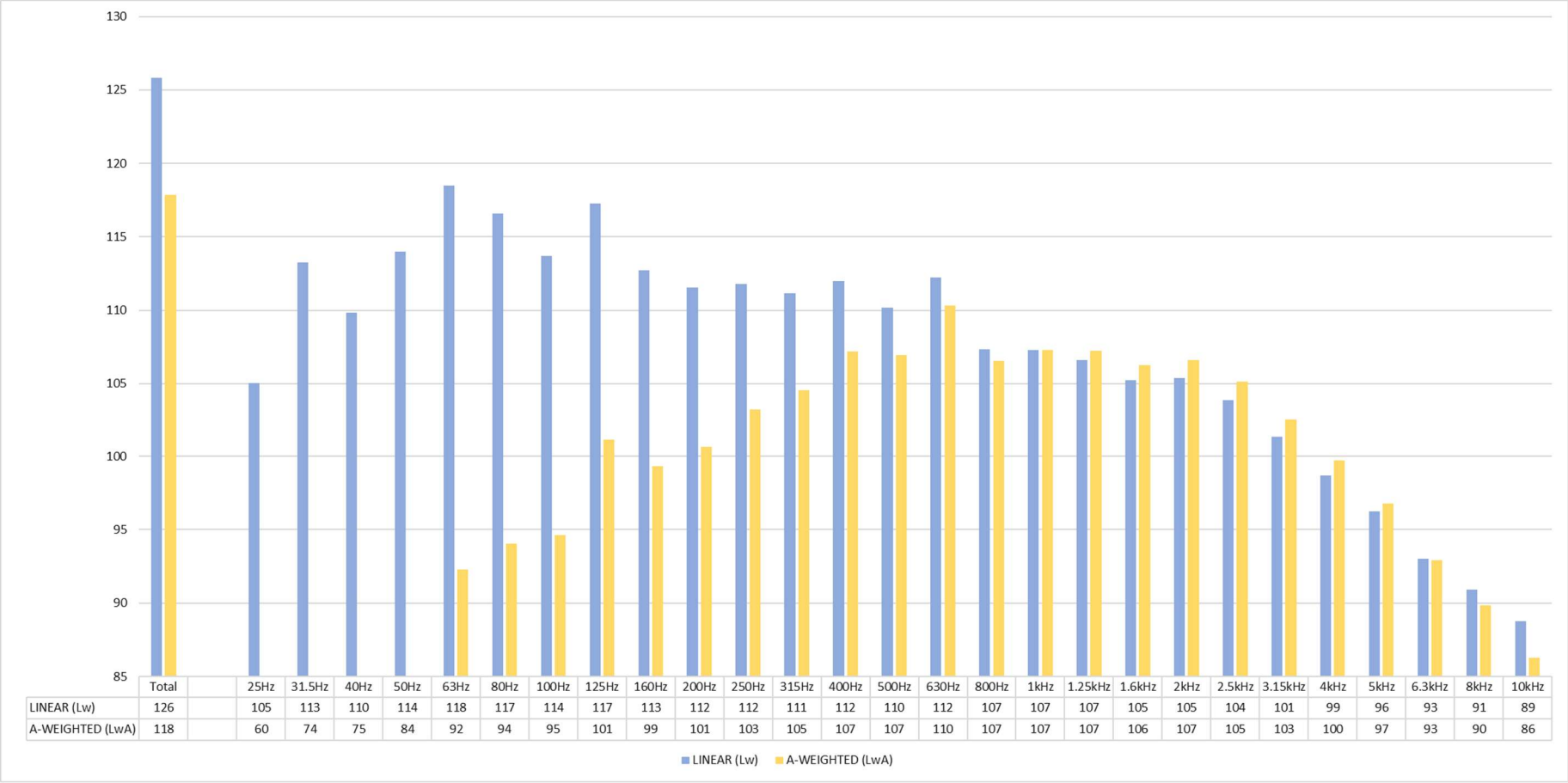
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	131		106	114	111	123	126	116	120	126	113	113	111	112	112	111	111	109	109	109	108	109	107	105	103	102	100	98	95
A-WEIGHTED (LwA)	120		61	74	77	92	100	93	101	110	100	102	102	105	107	108	110	108	109	110	109	110	108	106	104	103	100	96	93

Figure 64: DT722 Dynamic Test Uphill



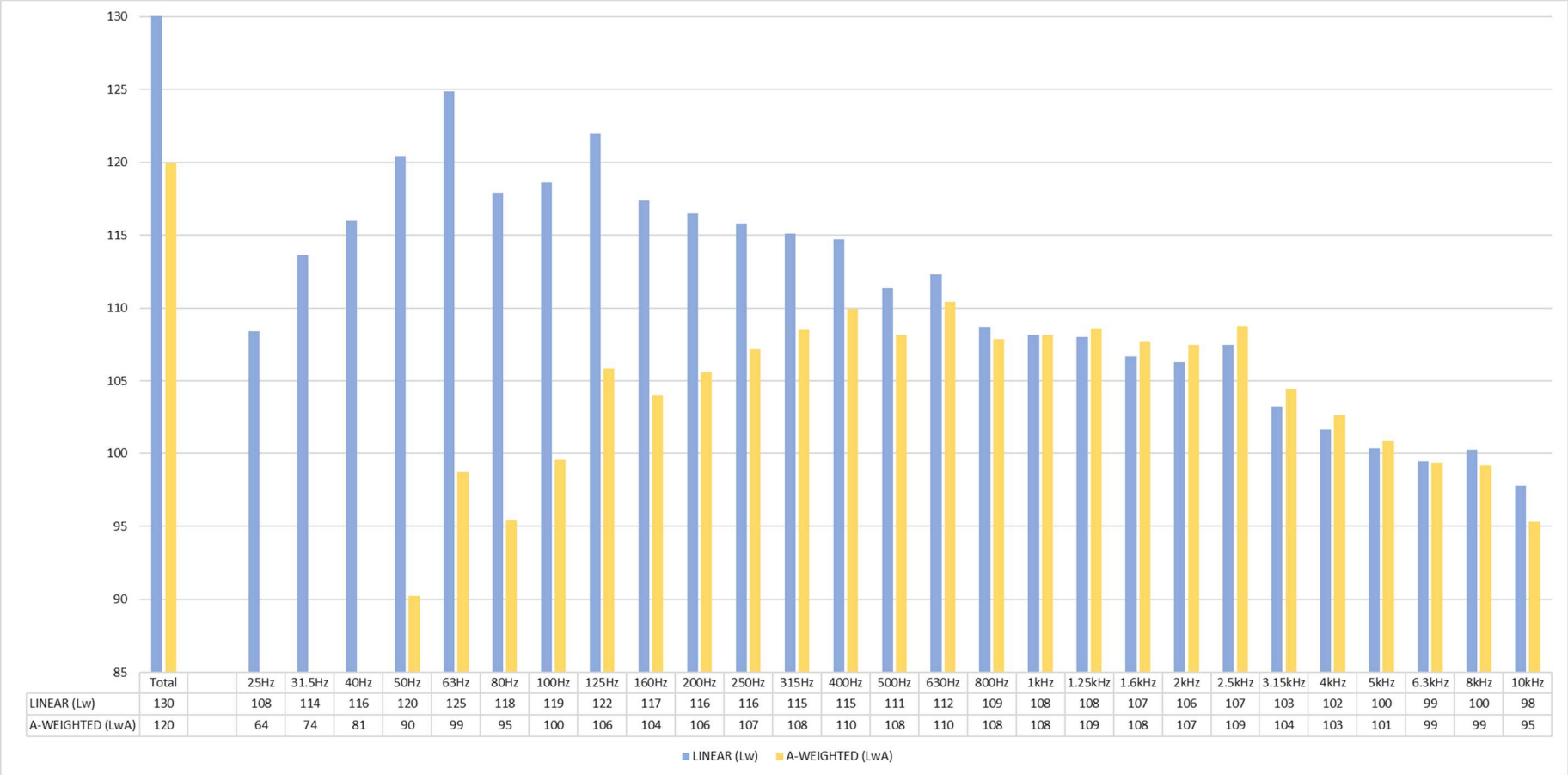
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		101	104	121	117	108	113	111	106	103	104	104	102	104	104	104	105	111	111	105	108	107	106	103	100	98	94	91
A-WEIGHTED (LwA)	118		57	65	87	87	82	91	92	90	89	93	96	96	100	100	102	104	111	111	106	109	109	107	104	101	98	93	88

Figure 65: DT722 Dynamic Test Downhill



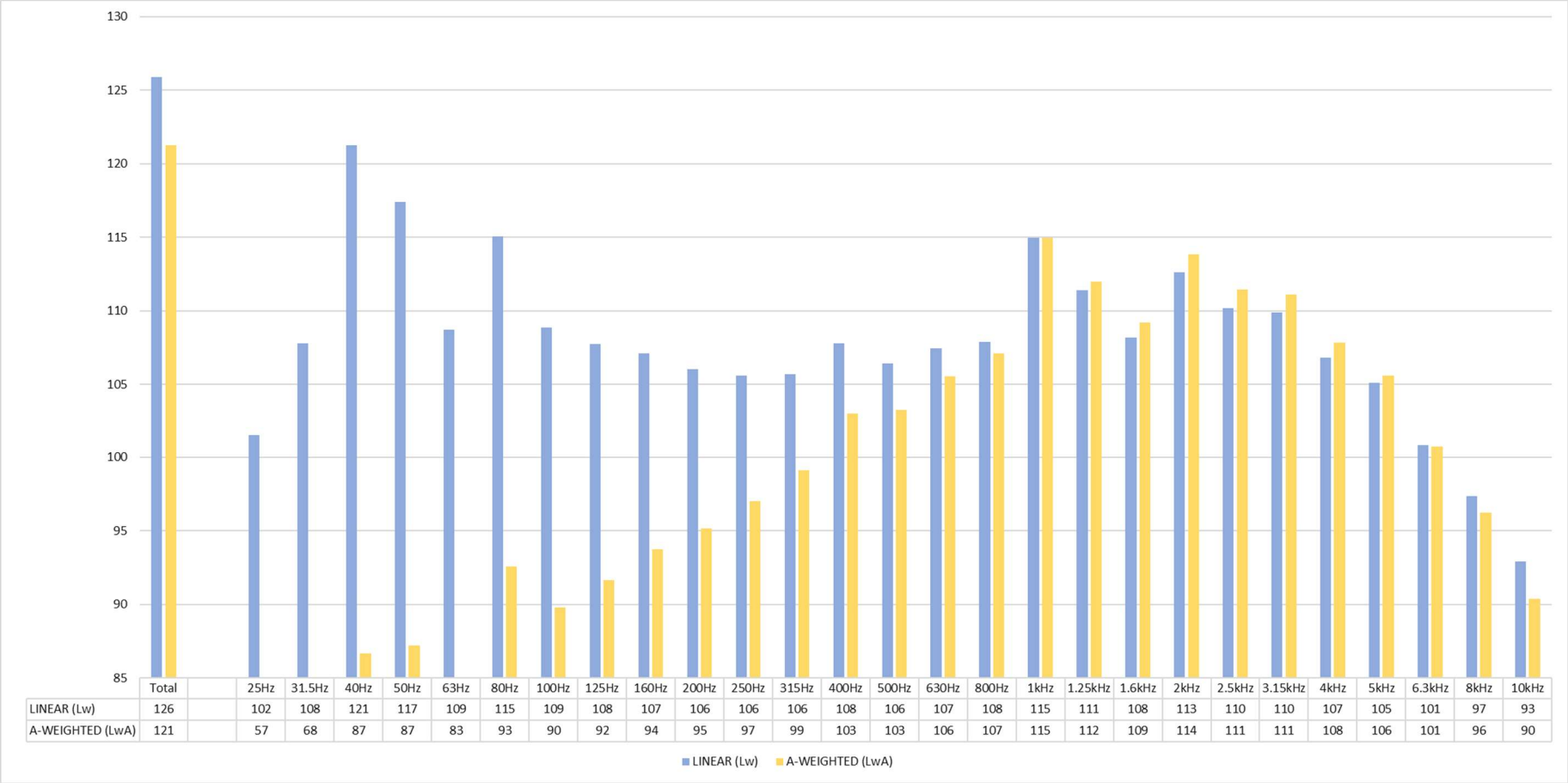
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		105	113	110	114	118	117	114	117	113	112	112	111	112	110	112	107	107	107	105	105	104	101	99	96	93	91	89
A-WEIGHTED (LwA)	118		60	74	75	84	92	94	95	101	99	101	103	105	107	107	110	107	107	107	106	107	105	103	100	97	93	90	86

Figure 66: DT723 Stationary Test



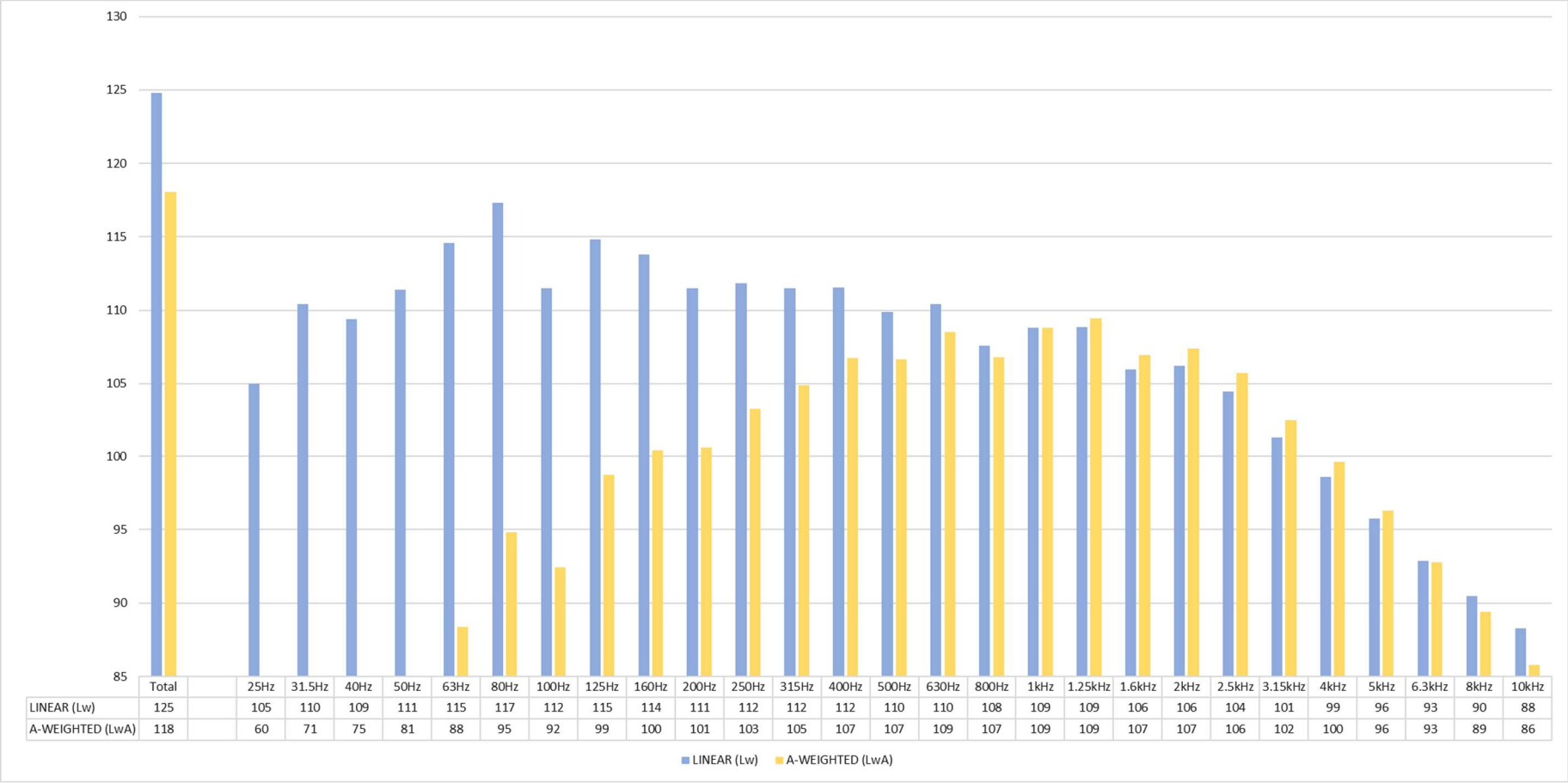
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	130		108	114	116	120	125	118	119	122	117	116	116	115	115	111	112	109	108	108	107	106	107	103	102	100	99	100	98
A-WEIGHTED (LwA)	120		64	74	81	90	99	95	100	106	104	106	107	108	110	108	110	108	108	109	108	107	109	104	103	101	99	99	95

Figure 67: DT723 Dynamic Test Uphill



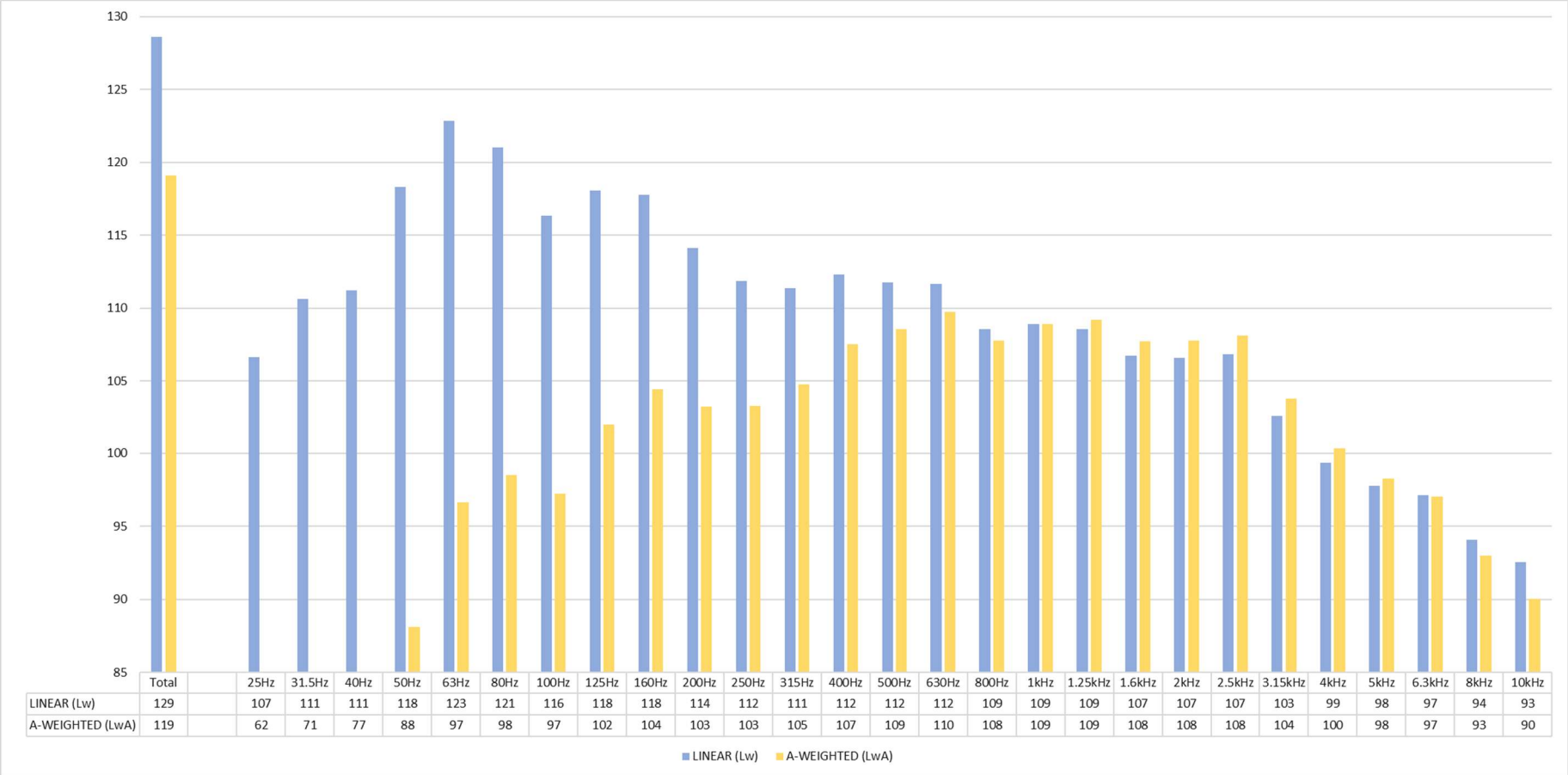
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		102	108	121	117	109	115	109	108	107	106	106	106	108	106	107	108	115	111	108	113	110	110	107	105	101	97	93
A-WEIGHTED (LwA)	121		57	68	87	87	83	93	90	92	94	95	97	99	103	103	106	107	115	112	109	114	111	111	108	106	101	96	90

Figure 68: DT723 Dynamic Test Downhill



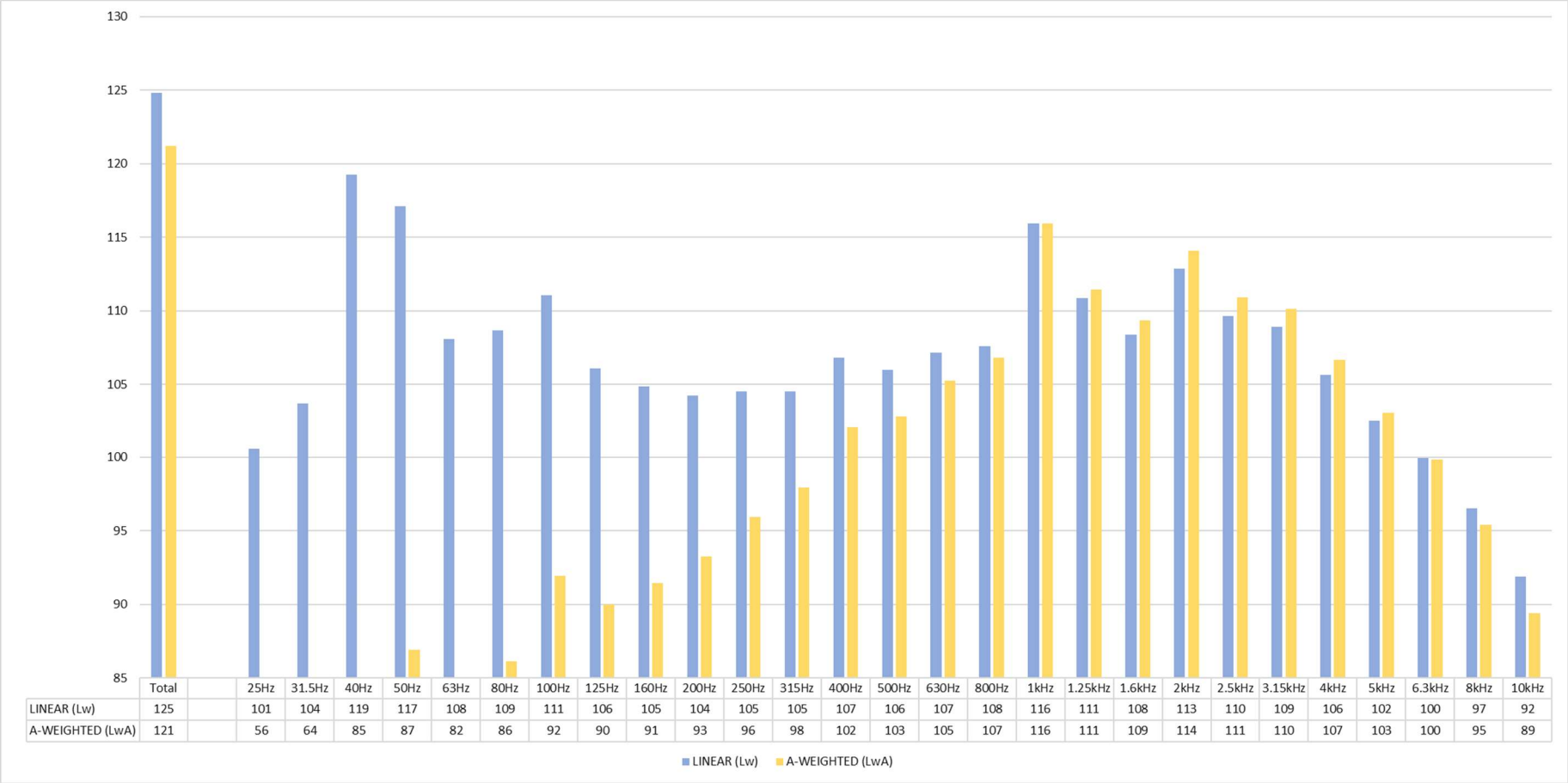
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		105	110	109	111	115	117	112	115	114	111	112	112	112	110	110	108	109	109	106	106	104	101	99	96	93	90	88
A-WEIGHTED (LwA)	118		60	71	75	81	88	95	92	99	100	101	103	105	107	107	109	107	109	109	107	107	106	102	100	96	93	89	86

Figure 69: DT724 Stationary Test



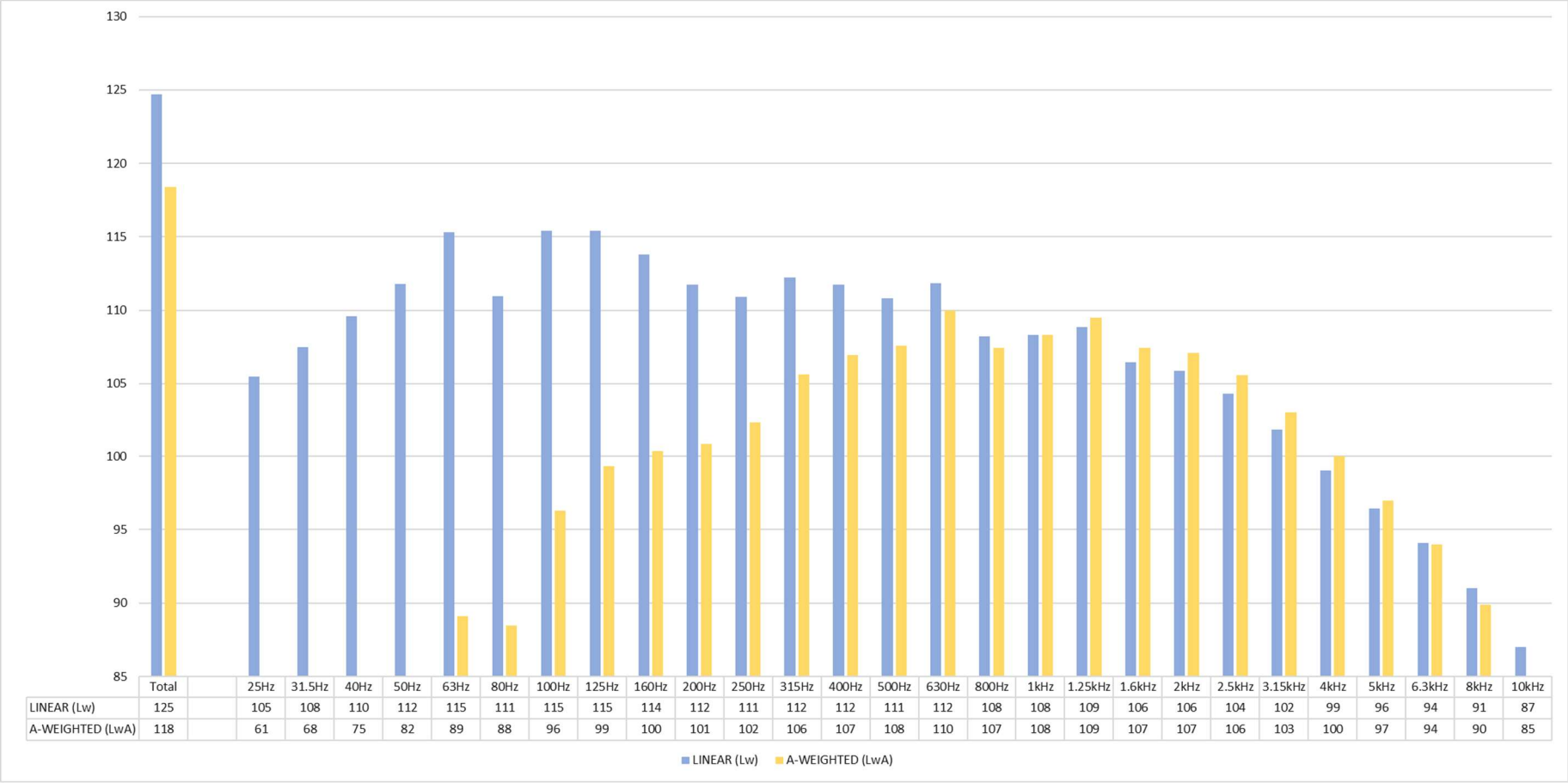
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		107	111	111	118	123	121	116	118	118	114	112	111	112	112	112	109	109	109	107	107	107	103	99	98	97	94	93
A-WEIGHTED (LwA)	119		62	71	77	88	97	98	97	102	104	103	103	105	107	109	110	108	109	109	108	108	108	104	100	98	97	93	90

Figure 70: DT724 Dynamic Test Uphill



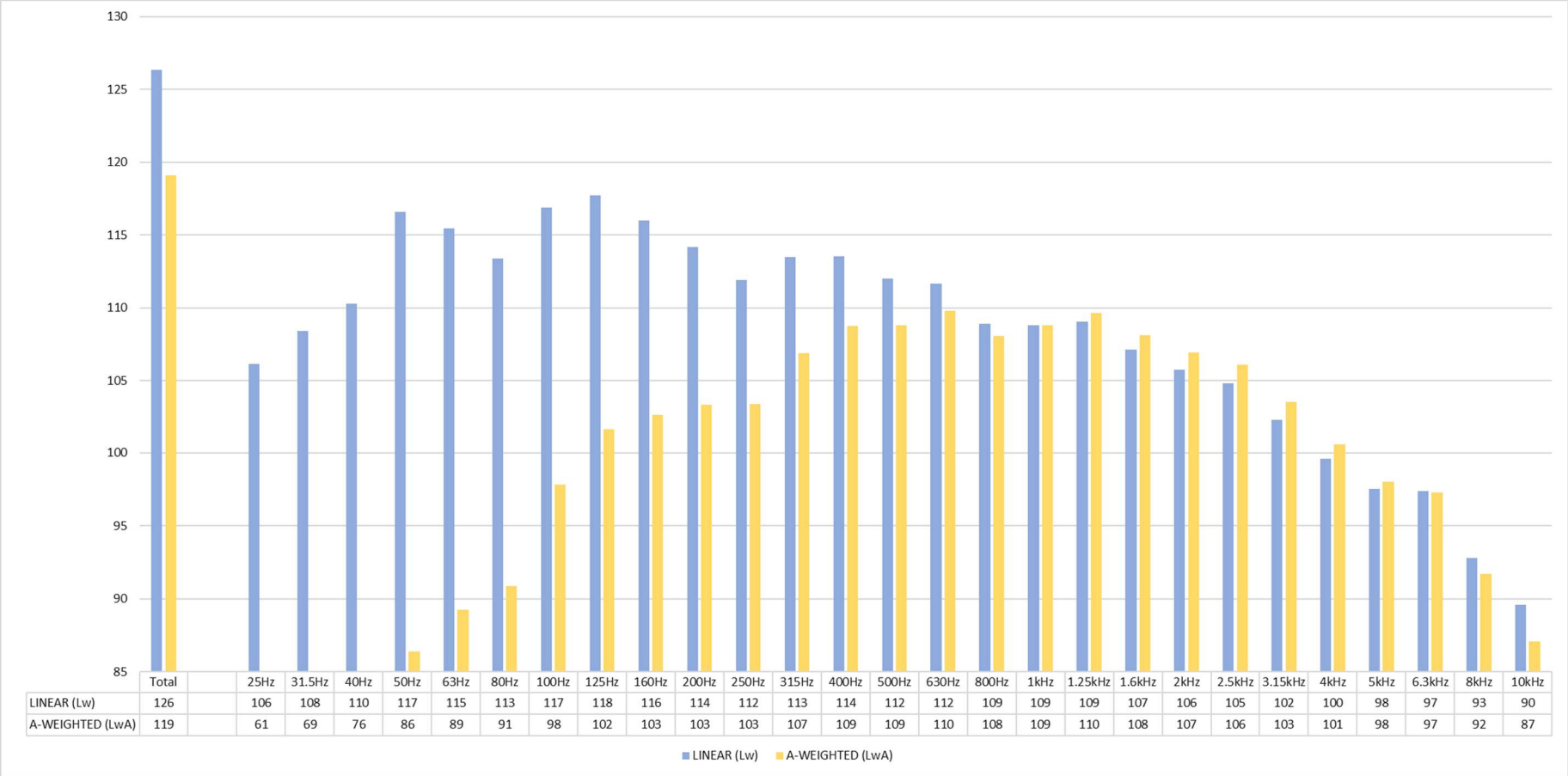
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		101	104	119	117	108	109	111	106	105	104	105	105	107	106	107	108	116	111	108	113	110	109	106	102	100	97	92
A-WEIGHTED (LwA)	121		56	64	85	87	82	86	92	90	91	93	96	98	102	103	105	107	116	111	109	114	111	110	107	103	100	95	89

Figure 71: DT724 Dynamic Test Downhill



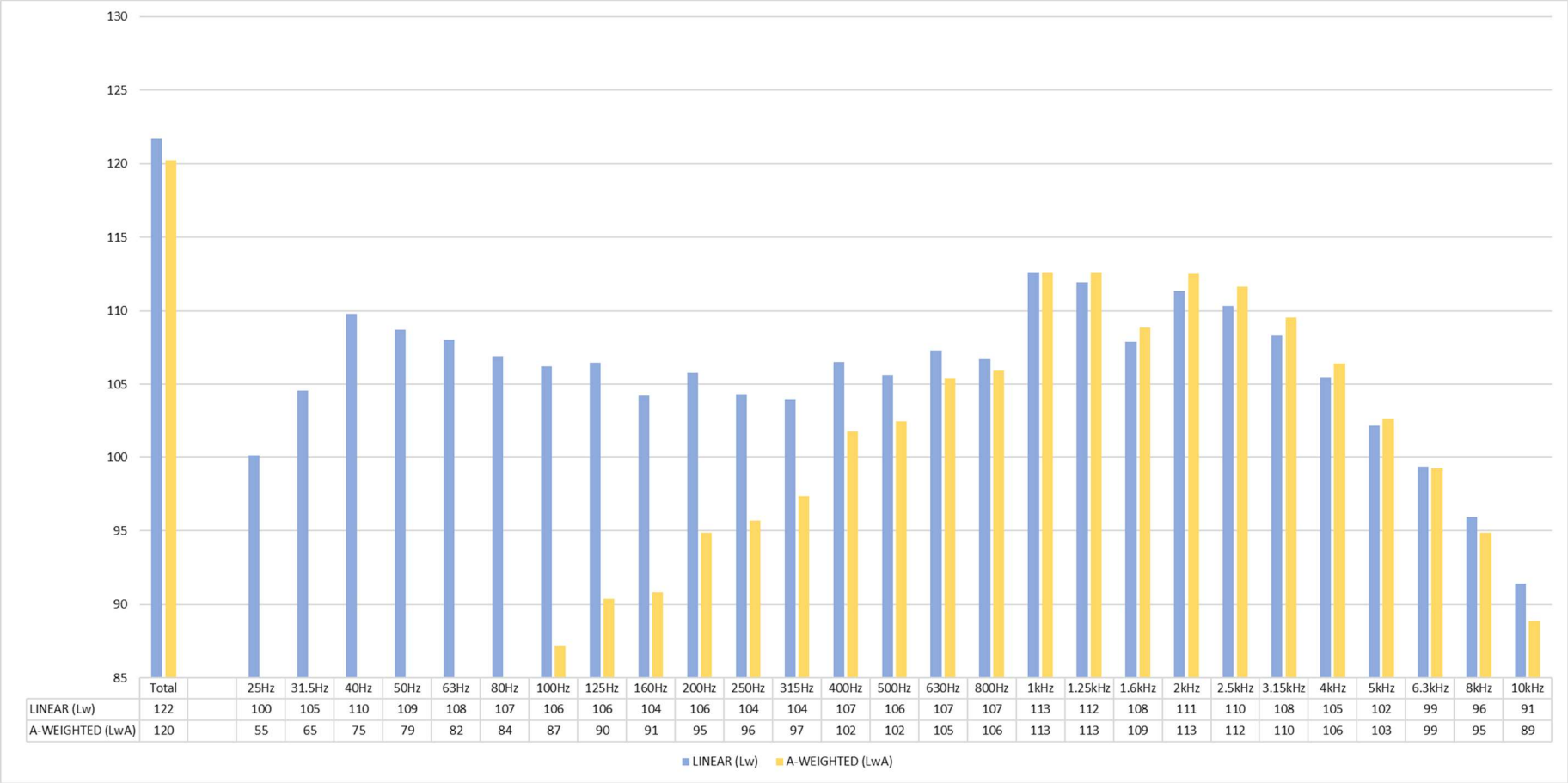
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		105	108	110	112	115	111	115	115	114	112	111	112	112	111	112	108	108	109	106	106	104	102	99	96	94	91	87
A-WEIGHTED (LwA)	118		61	68	75	82	89	88	96	99	100	101	102	106	107	108	110	107	108	109	107	107	106	103	100	97	94	90	85

Figure 72: DT725 Stationary Test



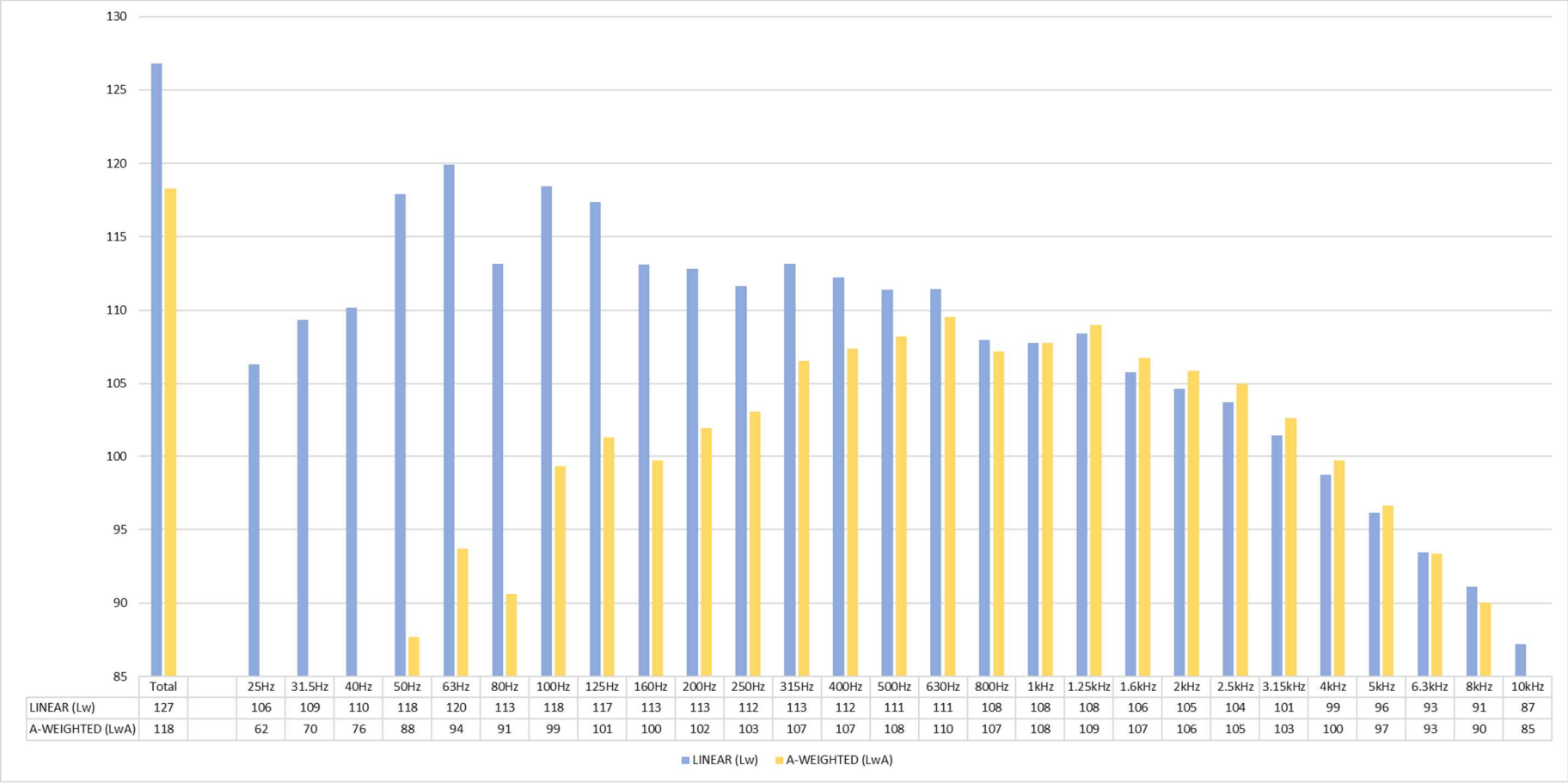
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		106	108	110	117	115	113	117	118	116	114	112	113	114	112	112	109	109	109	107	106	105	102	100	98	97	93	90
A-WEIGHTED (LwA)	119		61	69	76	86	89	91	98	102	103	103	103	107	109	109	110	108	109	110	108	107	106	103	101	98	97	92	87

Figure 73: DT725 Dynamic Test Uphill



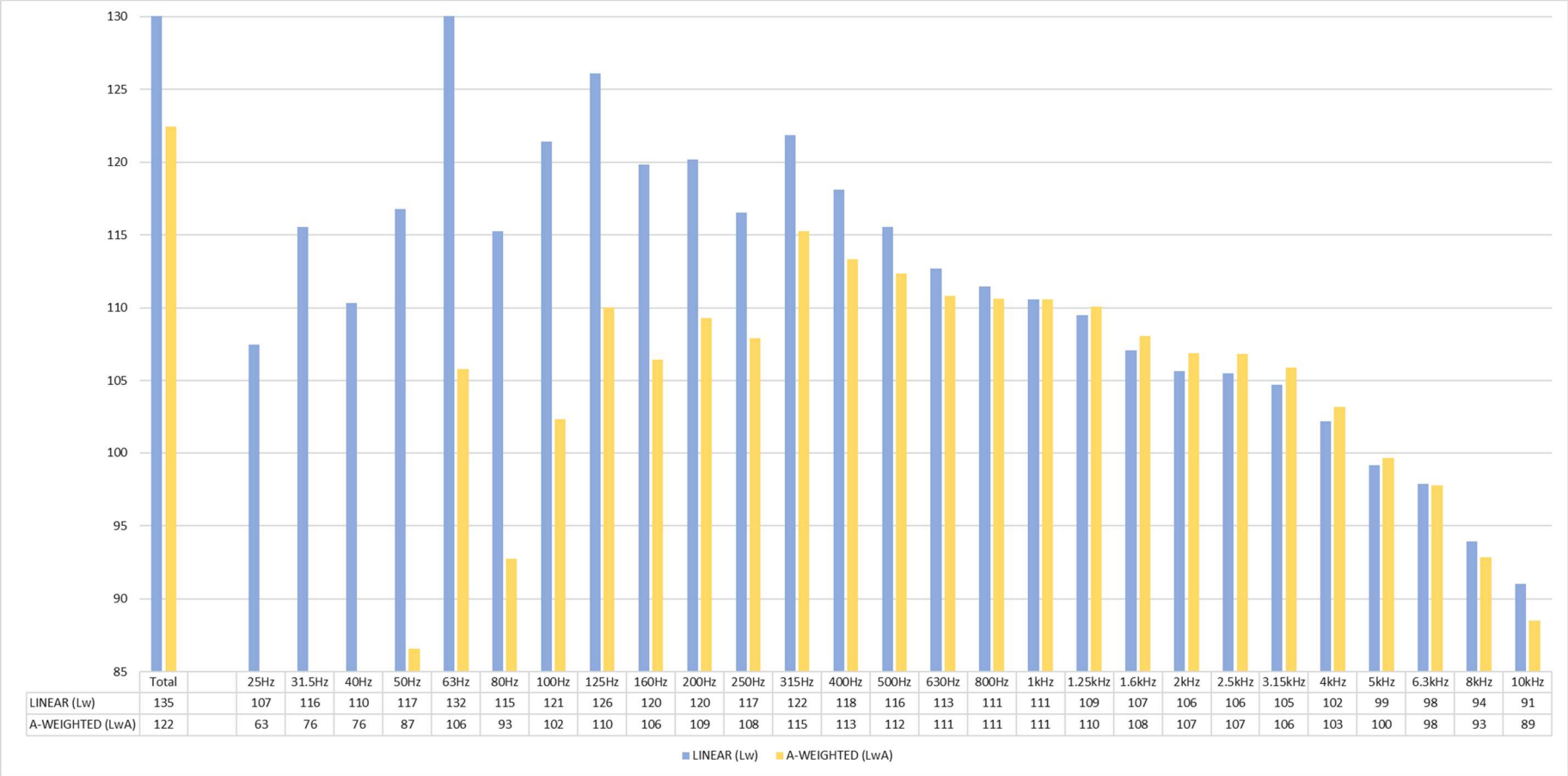
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	122	100	105	110	109	108	107	106	106	104	106	104	104	107	106	107	107	113	112	108	111	110	108	105	102	99	96	91
A-WEIGHTED (LwA)	120	55	65	75	79	82	84	87	90	91	95	96	97	102	102	105	106	113	113	109	113	112	110	106	103	99	95	89

Figure 74: DT725 Dynamic Test Downhill



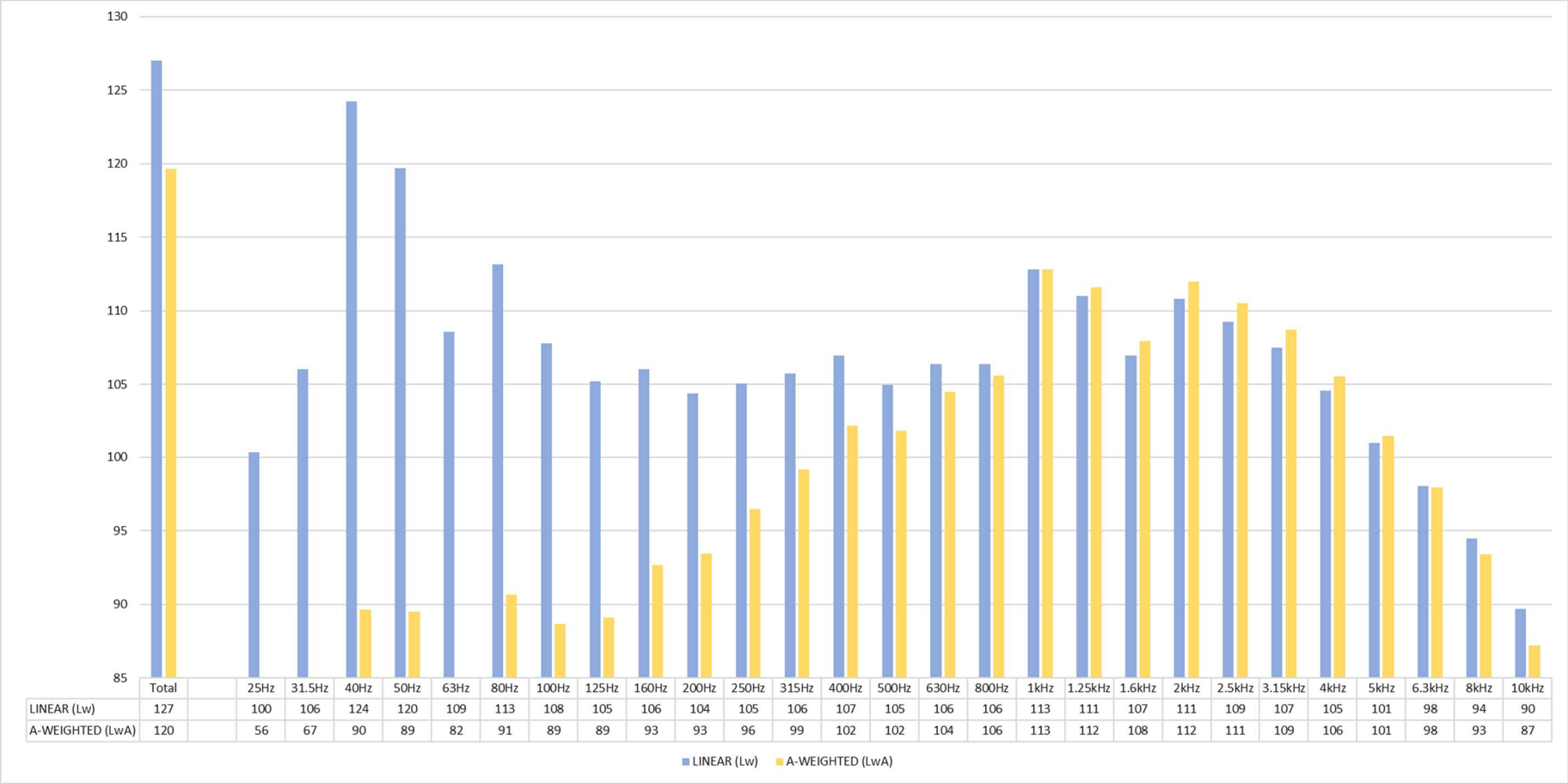
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		106	109	110	118	120	113	118	117	113	113	112	113	112	111	111	108	108	108	106	105	104	101	99	96	93	91	87
A-WEIGHTED (LwA)	118		62	70	76	88	94	91	99	101	100	102	103	107	107	108	110	107	108	109	107	106	105	103	100	97	93	90	85

Figure 75: DT748 Stationary Test



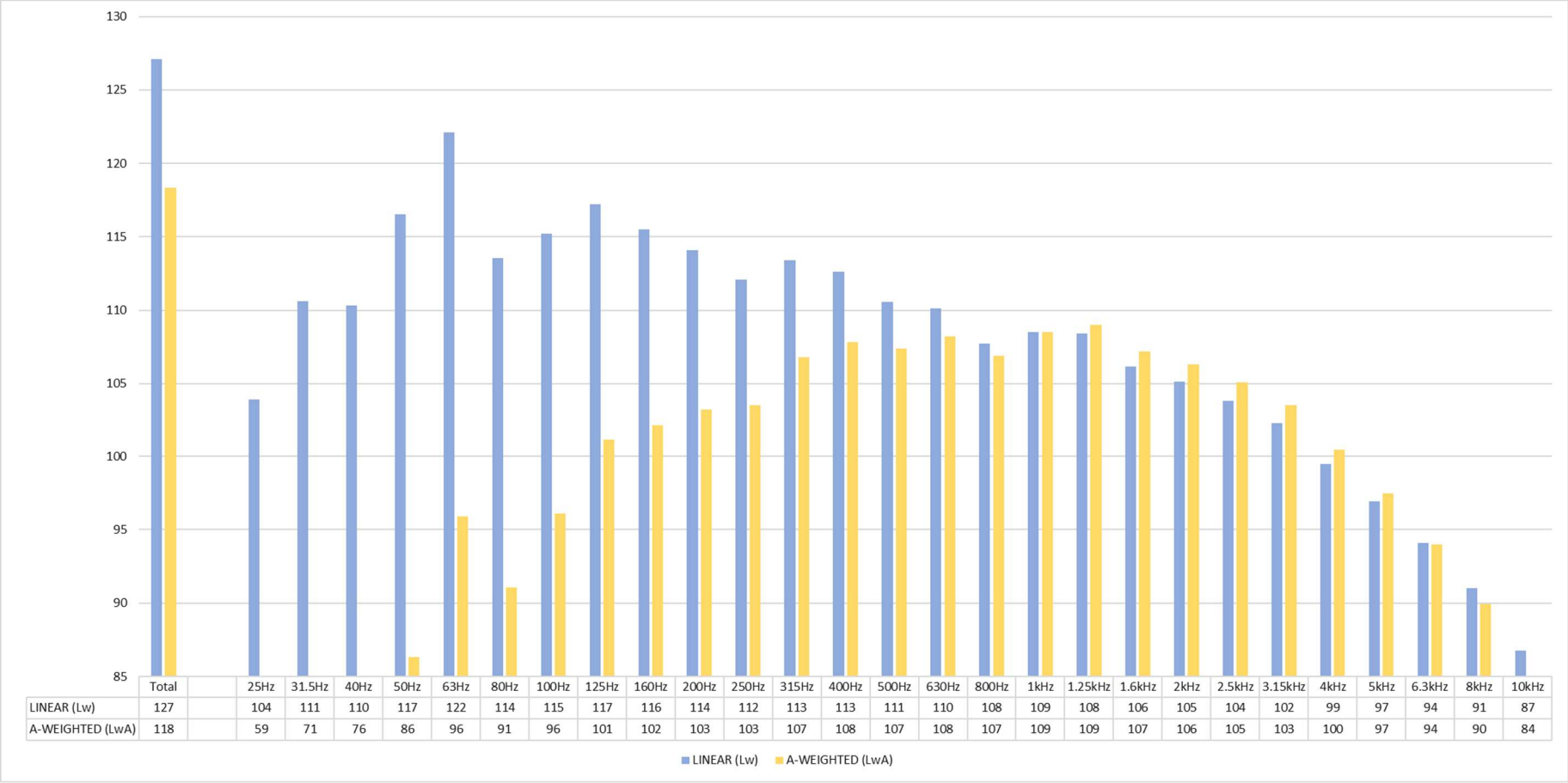
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	135		107	116	110	117	132	115	121	126	120	120	117	122	118	116	113	111	111	109	107	106	106	105	102	99	98	94	91
A-WEIGHTED (LwA)	122		63	76	76	87	106	93	102	110	106	109	108	115	113	112	111	111	111	110	108	107	107	106	103	100	98	93	89

Figure 76: DT748 Dynamic Test Uphill



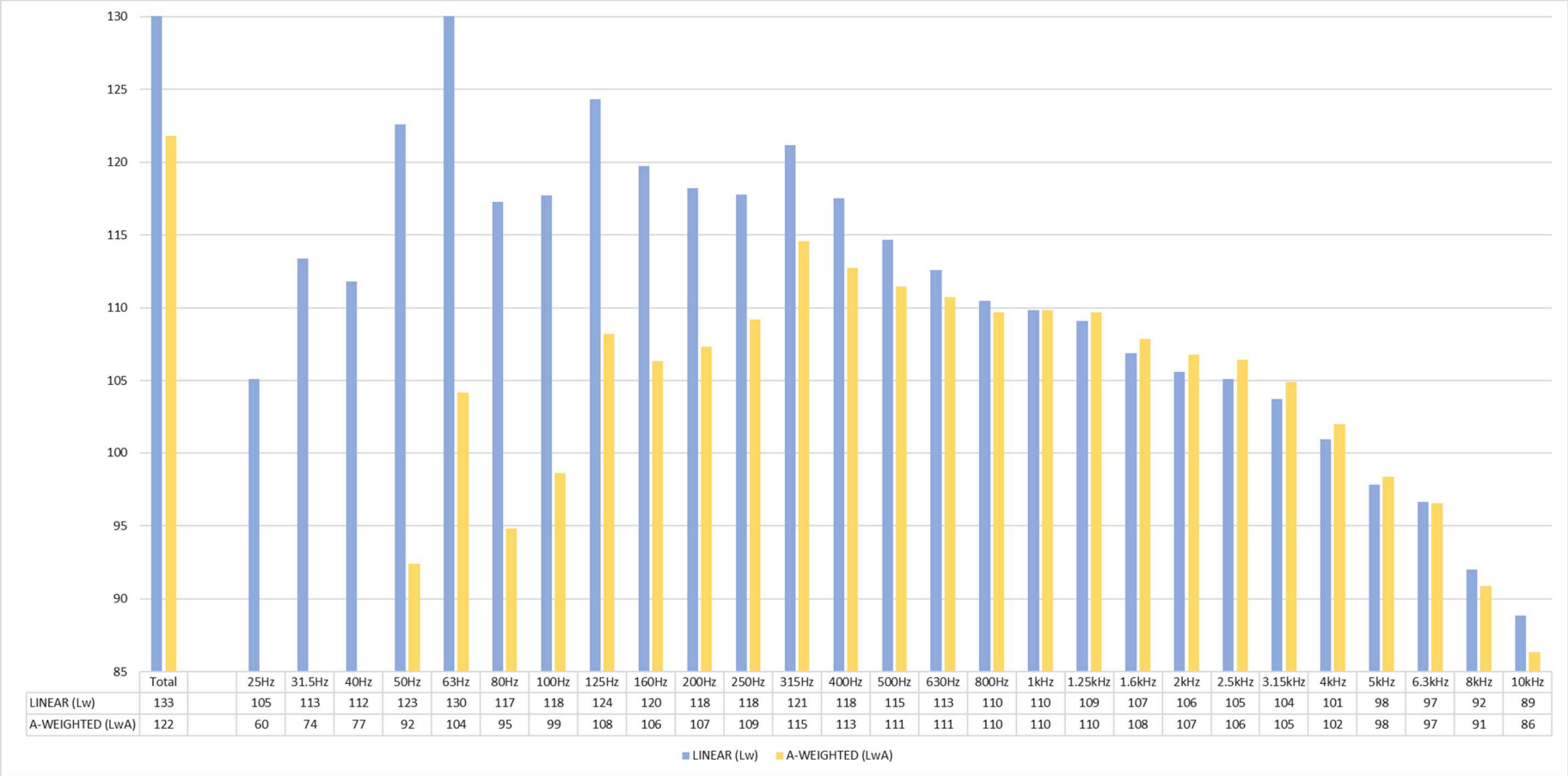
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		100	106	124	120	109	113	108	105	106	104	105	106	107	105	106	106	113	111	107	111	109	107	105	101	98	94	90
A-WEIGHTED (LwA)	120		56	67	90	89	82	91	89	89	93	93	96	99	102	102	104	106	113	112	108	112	111	109	106	101	98	93	87

Figure 77: DT748 Dynamic Test Downhill



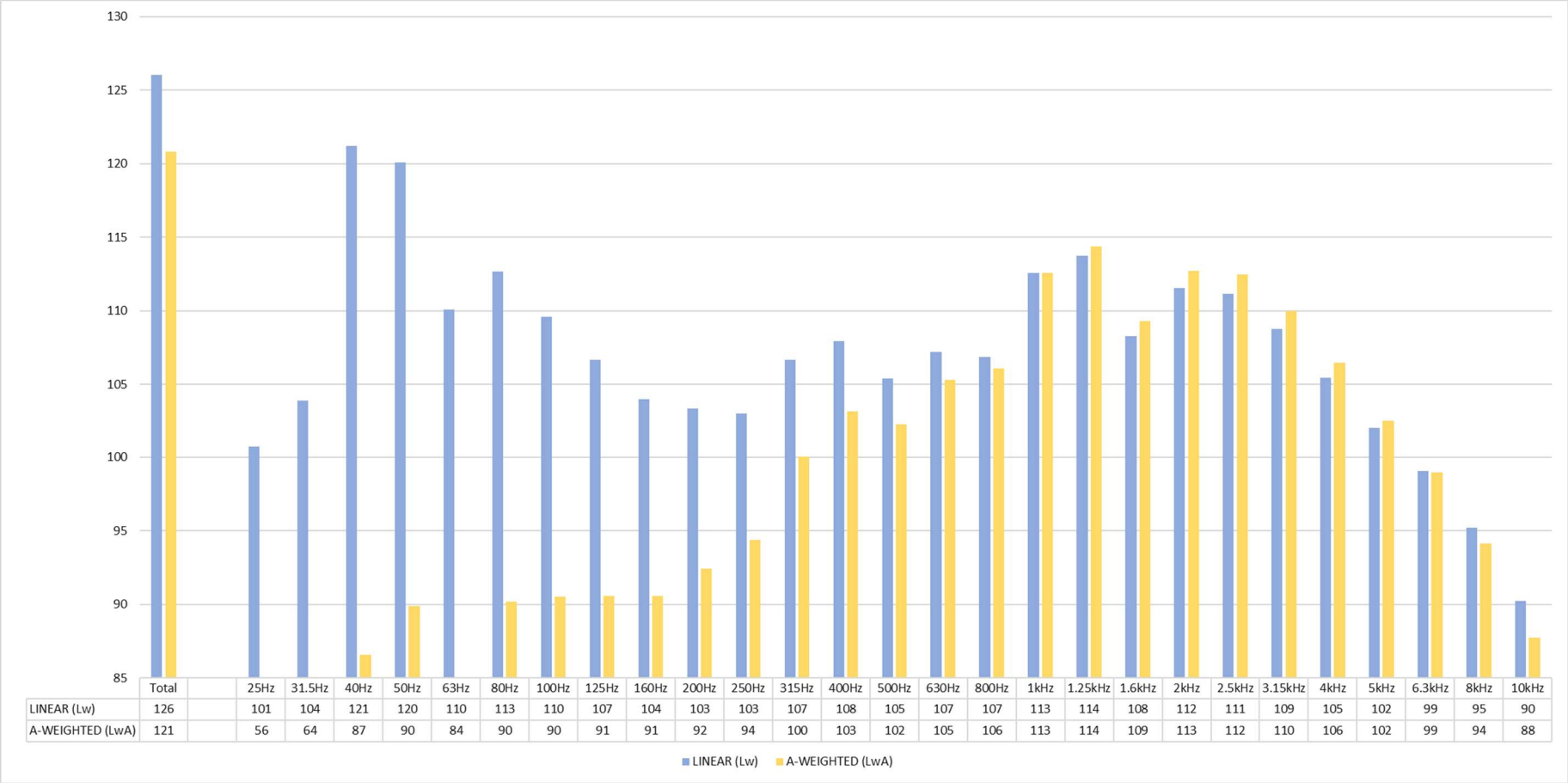
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		104	111	110	117	122	114	115	117	116	114	112	113	113	111	110	108	109	108	106	105	104	102	99	97	94	91	87
A-WEIGHTED (LwA)	118		59	71	76	86	96	91	96	101	102	103	103	107	108	107	108	107	109	109	107	106	105	103	100	97	94	90	84

Figure 78: DT749 Stationary Test



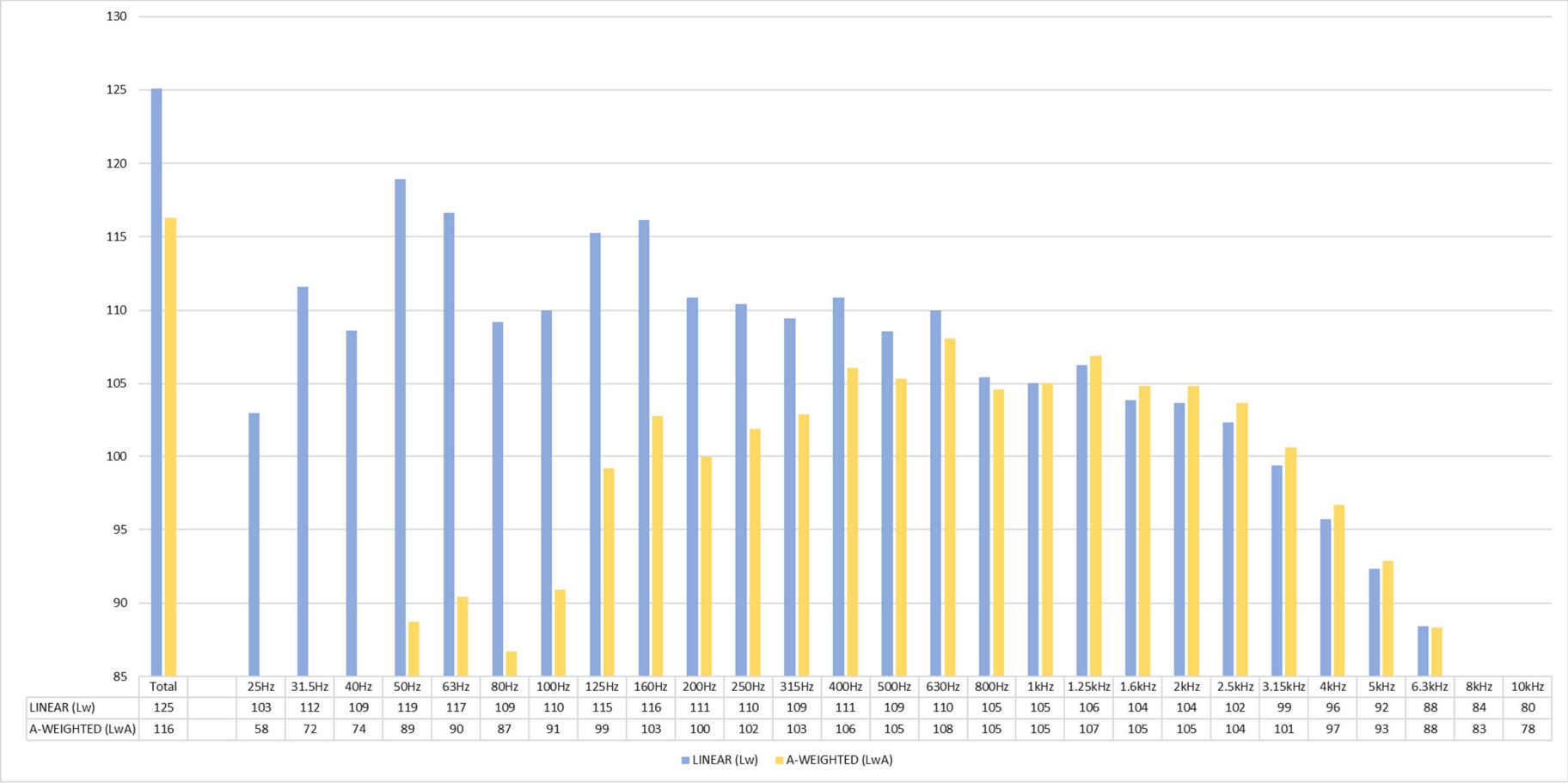
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	133		105	113	112	123	130	117	118	124	120	118	118	121	118	115	113	110	110	109	107	106	105	104	101	98	97	92	89
A-WEIGHTED (LwA)	122		60	74	77	92	104	95	99	108	106	107	109	115	113	111	111	110	110	110	108	107	106	105	102	98	97	91	86

Figure 79: DT749 Dynamic Test Uphill



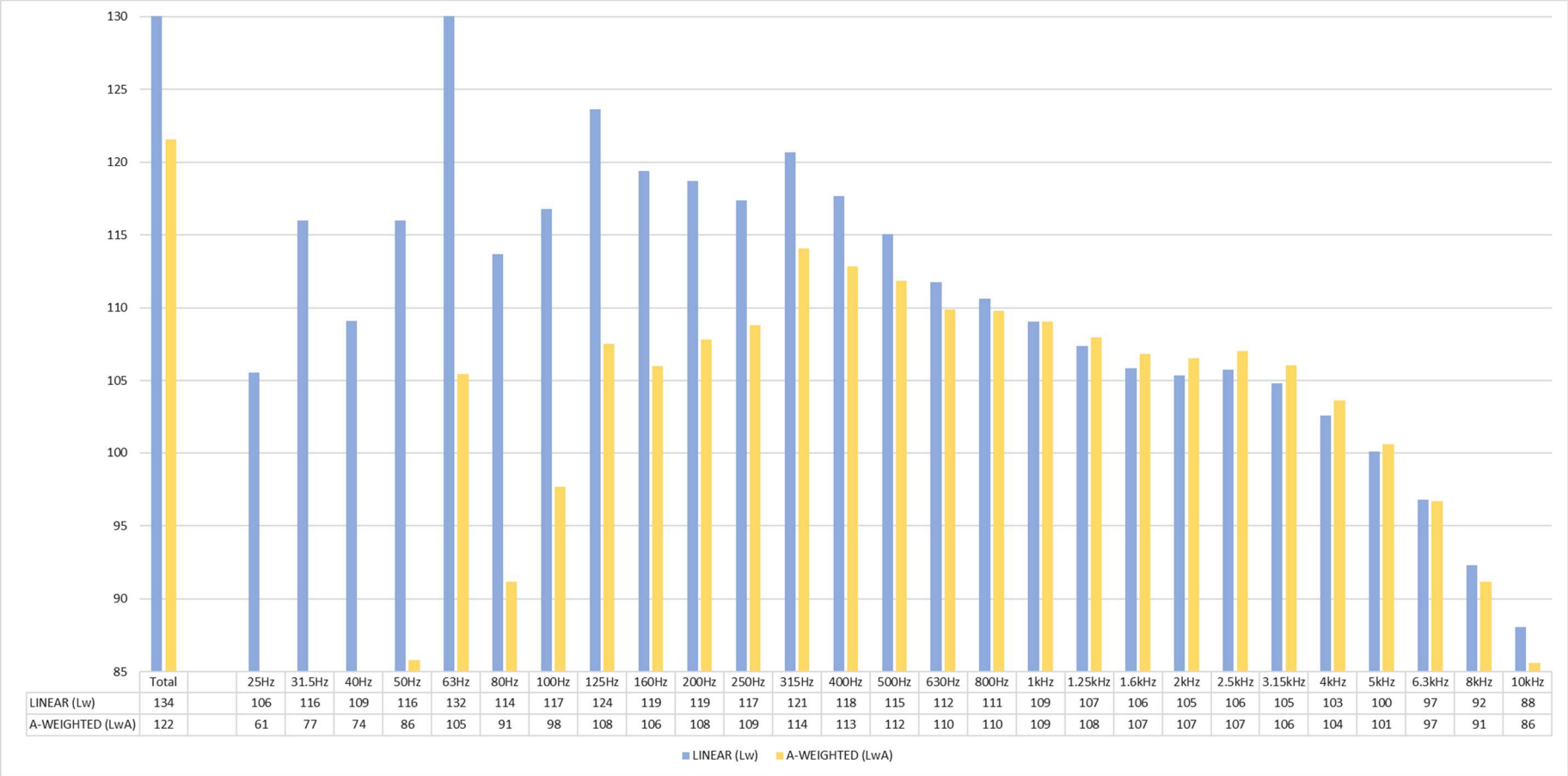
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		101	104	121	120	110	113	110	107	104	103	103	107	108	105	107	107	113	114	108	112	111	109	105	102	99	95	90
A-WEIGHTED (LwA)	121		56	64	87	90	84	90	90	91	91	92	94	100	103	102	105	106	113	114	109	113	112	110	106	102	99	94	88

Figure 80: DT749 Dynamic Test Downhill



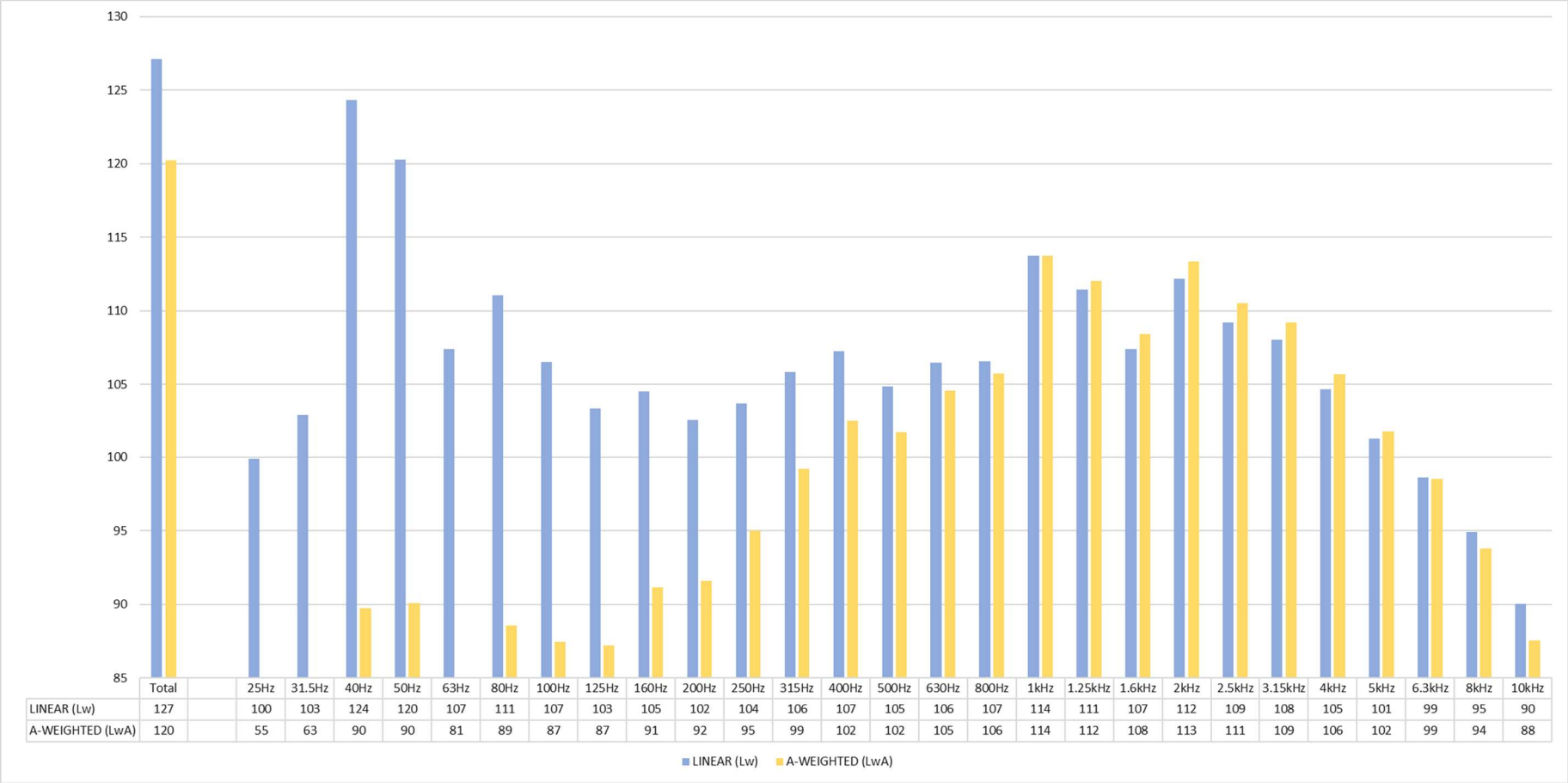
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		103	112	109	119	117	109	110	115	116	111	110	109	111	109	110	105	105	106	104	104	102	99	96	92	88	84	80
A-WEIGHTED (LwA)	116		58	72	74	89	90	87	91	99	103	100	102	103	106	105	108	105	105	107	105	105	104	101	97	93	88	83	78

Figure 81: DT750 Stationary Test



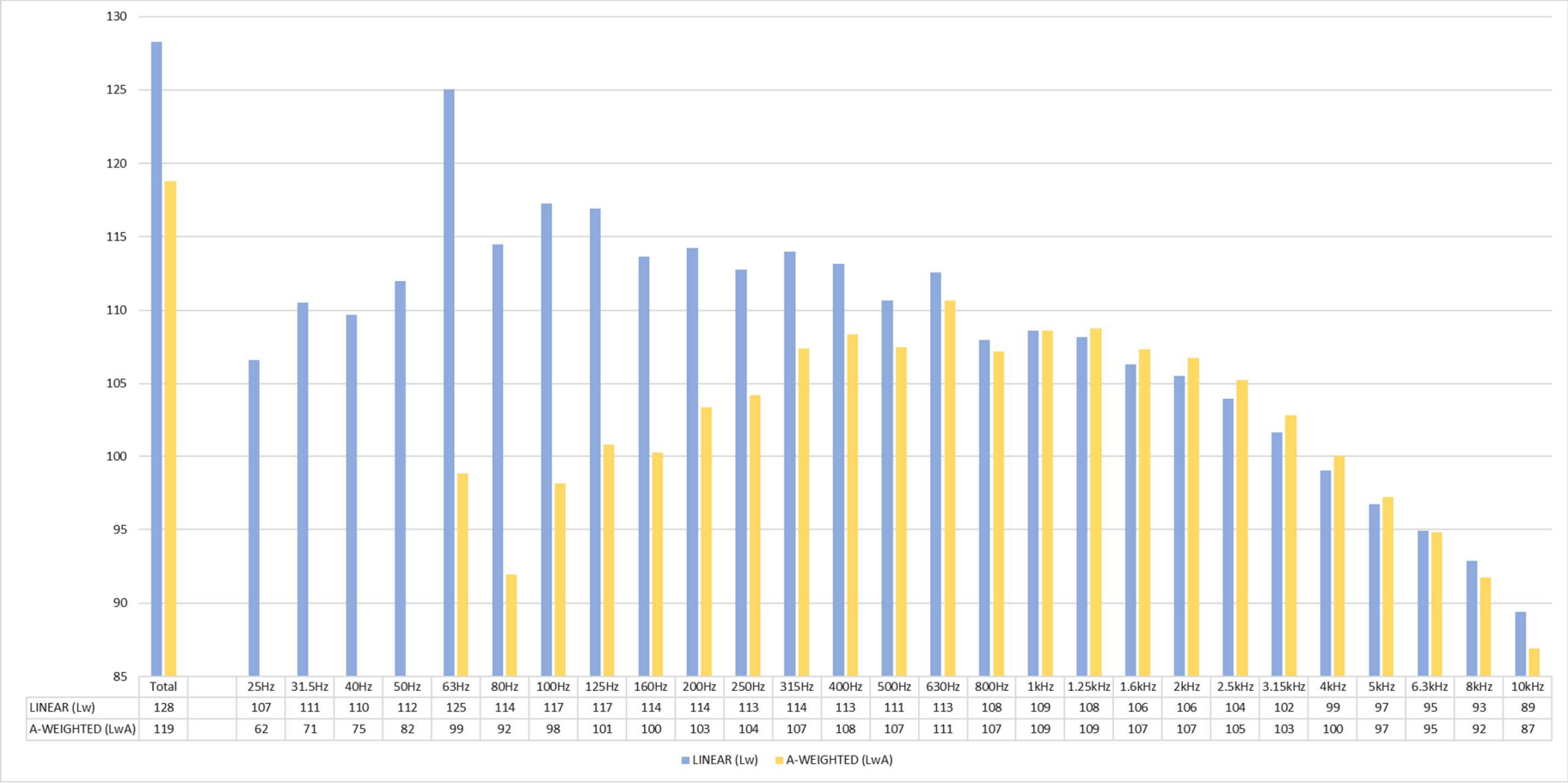
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	134		106	116	109	116	132	114	117	124	119	119	117	121	118	115	112	111	109	107	106	105	106	105	103	100	97	92	88
A-WEIGHTED (LwA)	122		61	77	74	86	105	91	98	108	106	108	109	114	113	112	110	110	109	108	107	107	107	106	104	101	97	91	86

Figure 82: DT750 Dynamic Test Uphill



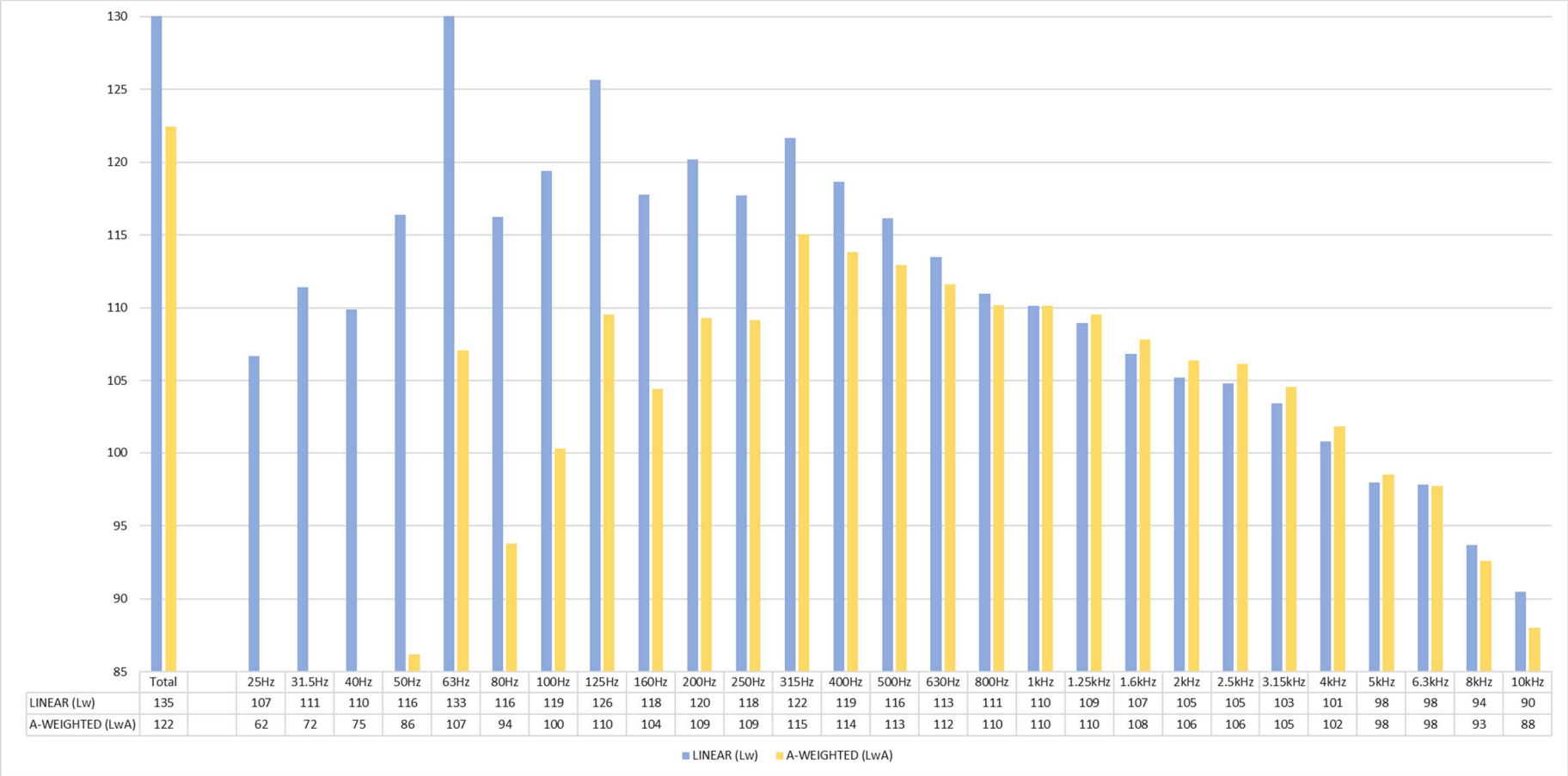
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		100	103	124	120	107	111	107	103	105	102	104	106	107	105	106	107	114	111	107	112	109	108	105	101	99	95	90
A-WEIGHTED (LwA)	120		55	63	90	90	81	89	87	87	91	92	95	99	102	102	105	106	114	112	108	113	111	109	106	102	99	94	88

Figure 83: DT750 Dynamic Test Downhill



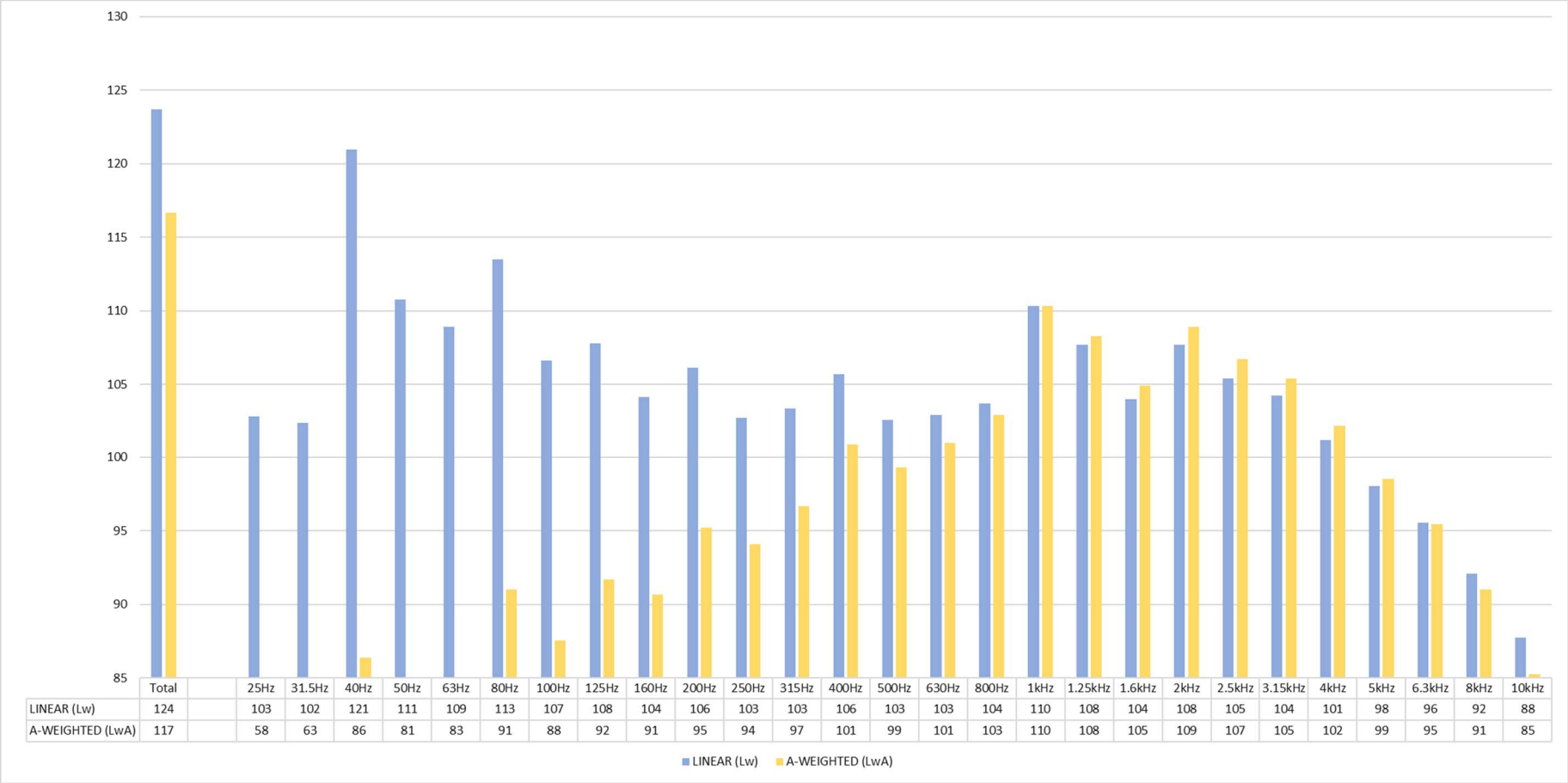
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		107	111	110	112	125	114	117	117	114	114	113	114	113	111	113	108	109	108	106	106	104	102	99	97	95	93	89
A-WEIGHTED (LwA)	119		62	71	75	82	99	92	98	101	100	103	104	107	108	107	111	107	109	109	107	107	105	103	100	97	95	92	87

Figure 84: DT751 Stationary Test



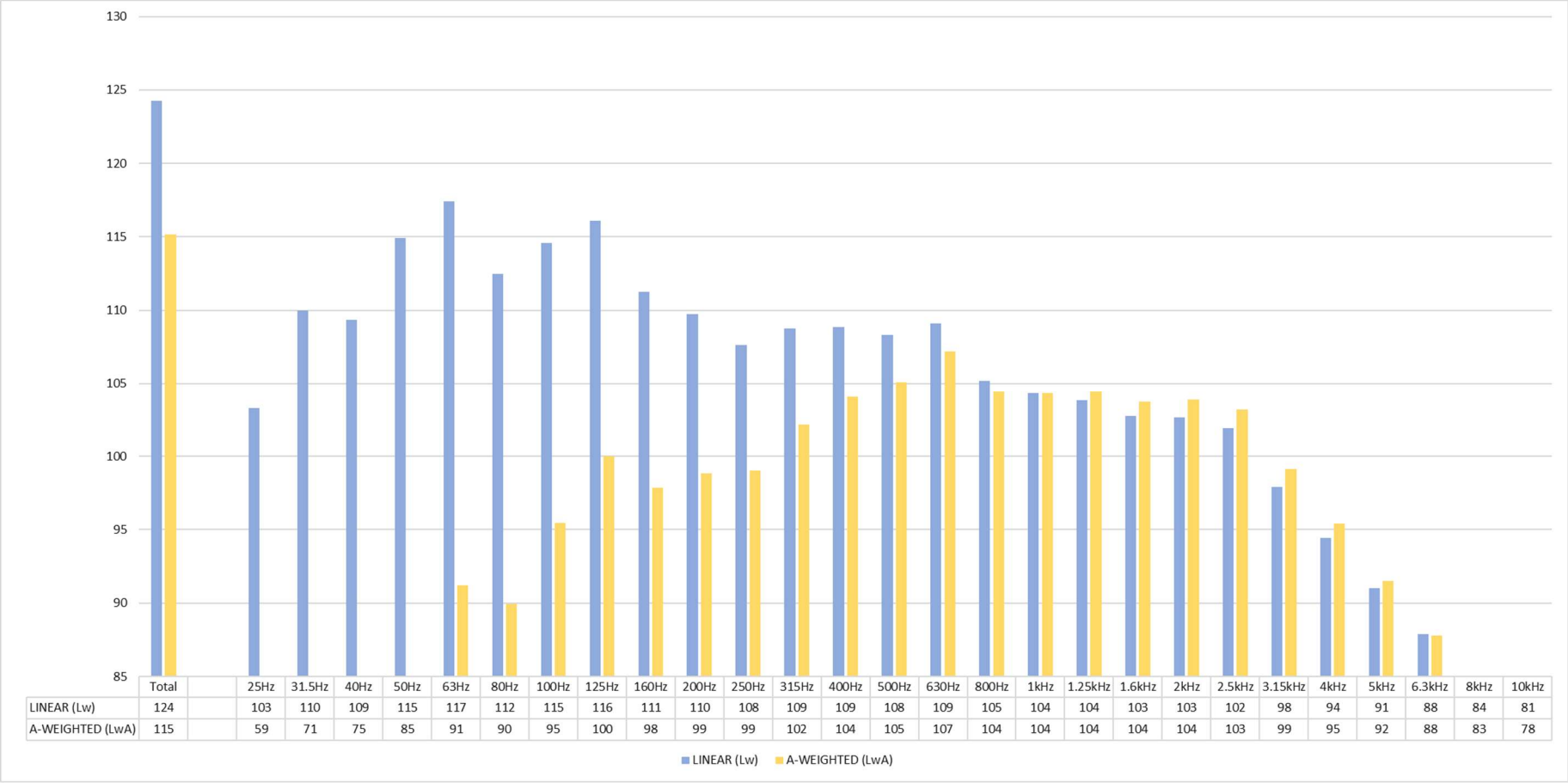
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	135		107	111	110	116	133	116	119	126	118	120	118	122	119	116	113	111	110	109	107	105	105	103	101	98	98	94	90
A-WEIGHTED (LwA)	122		62	72	75	86	107	94	100	110	104	109	109	115	114	113	112	110	110	110	108	106	106	105	102	98	98	93	88

Figure 85: DT751 Dynamic Test Uphill



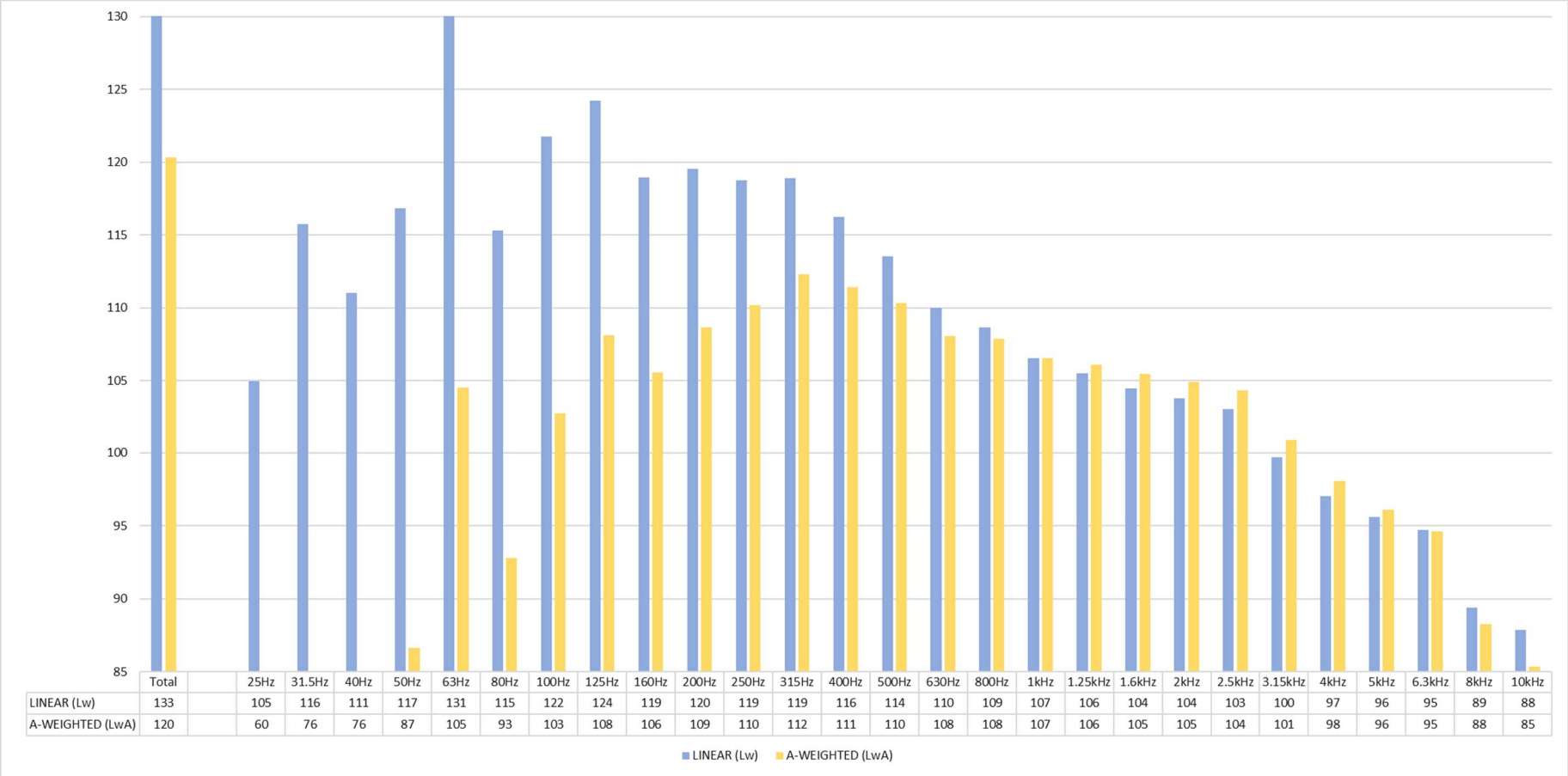
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		103	102	121	111	109	113	107	108	104	106	103	103	106	103	103	104	110	108	104	108	105	104	101	98	96	92	88
A-WEIGHTED (LwA)	117		58	63	86	81	83	91	88	92	91	95	94	97	101	99	101	103	110	108	105	109	107	105	102	99	95	91	85

Figure 86: DT751 Dynamic Test Downhill



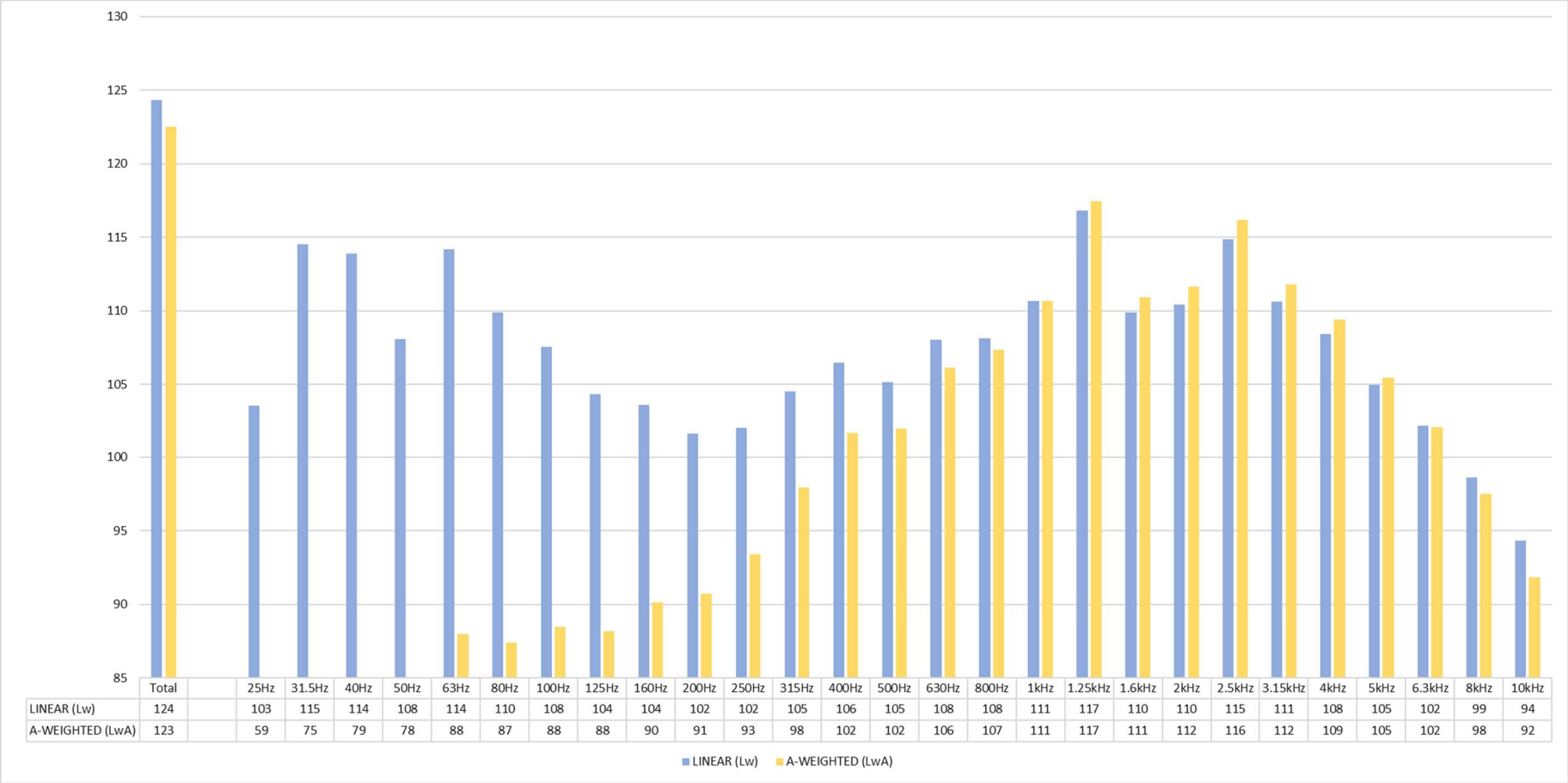
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		103	110	109	115	117	112	115	116	111	110	108	109	109	108	109	105	104	104	103	103	102	98	94	91	88	84	81
A-WEIGHTED (LwA)	115		59	71	75	85	91	90	95	100	98	99	99	102	104	105	107	104	104	104	104	104	103	99	95	92	88	83	78

Figure 87: DT752 Stationary Test



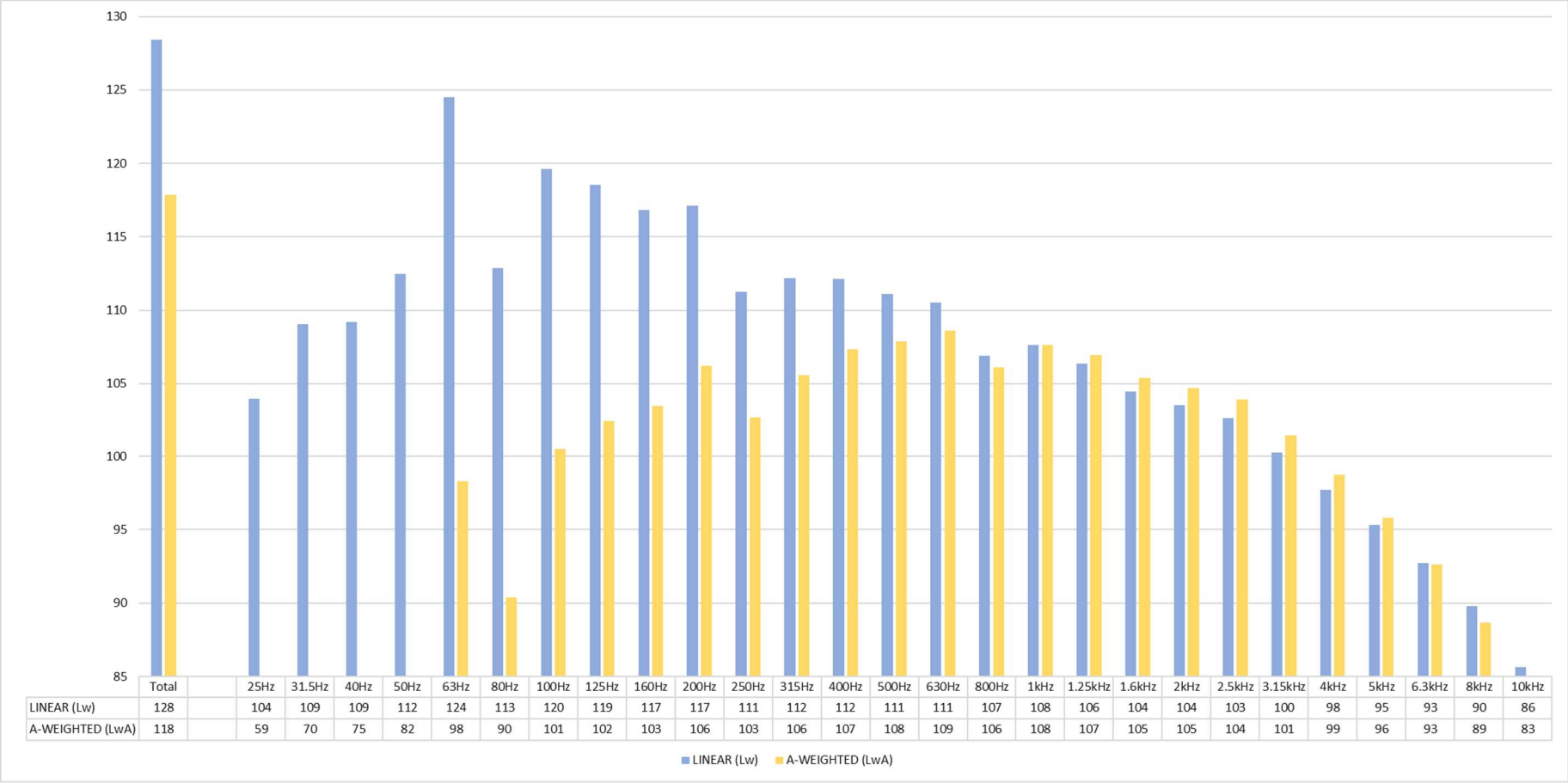
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	133		105	116	111	117	131	115	122	124	119	120	119	119	116	114	110	109	107	106	104	104	103	100	97	96	95	89	88
A-WEIGHTED (LwA)	120		60	76	76	87	105	93	103	108	106	109	110	112	111	110	108	108	107	106	105	105	104	101	98	96	95	88	85

Figure 88: DT752 Dynamic Test Uphill



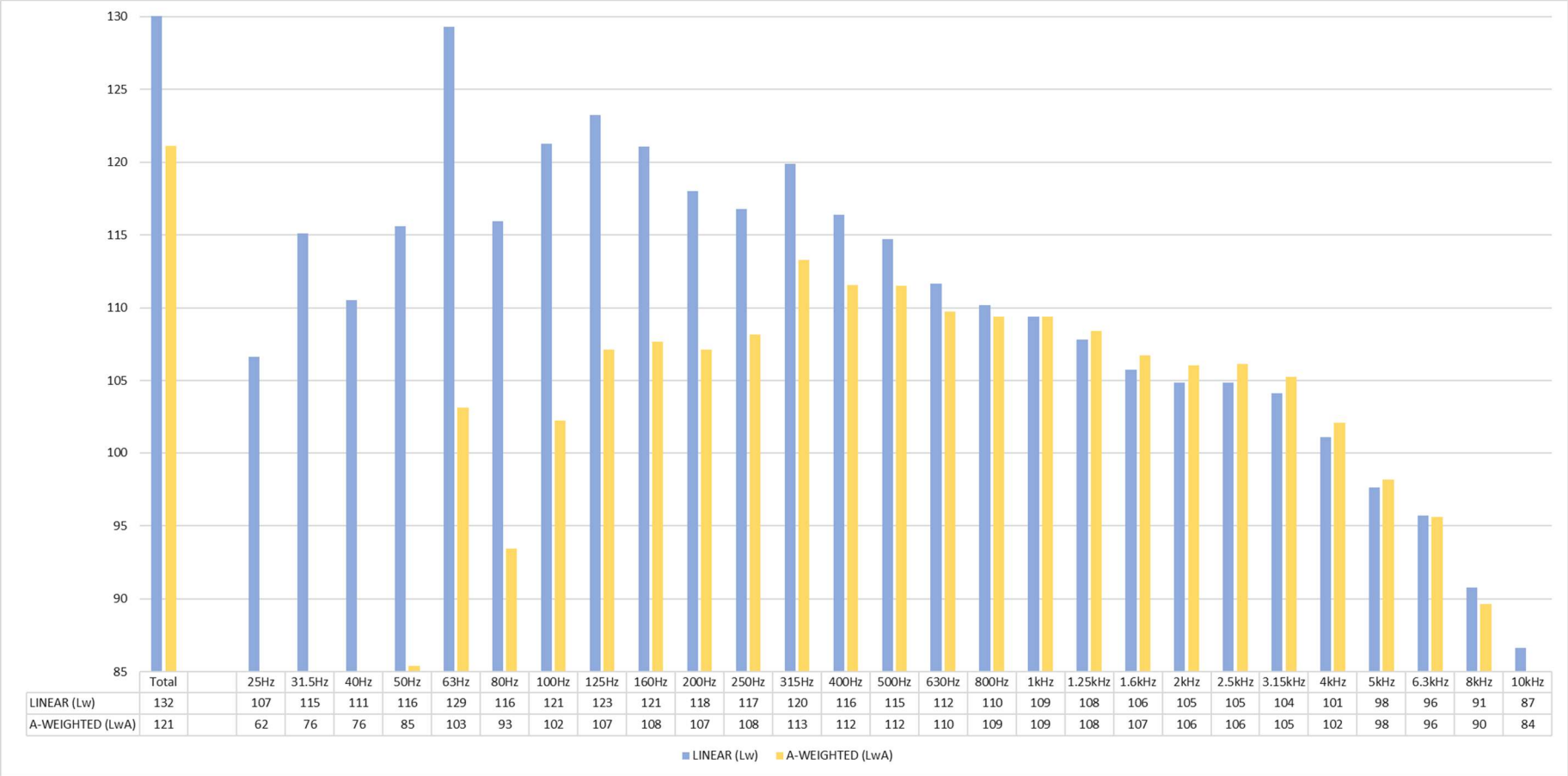
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		103	115	114	108	114	110	108	104	104	102	102	105	106	105	108	108	111	117	110	110	115	111	108	105	102	99	94
A-WEIGHTED (LwA)	123		59	75	79	78	88	87	88	88	90	91	93	98	102	102	106	107	111	117	111	112	116	112	109	105	102	98	92

Figure 89: DT752 Dynamic Test Downhill



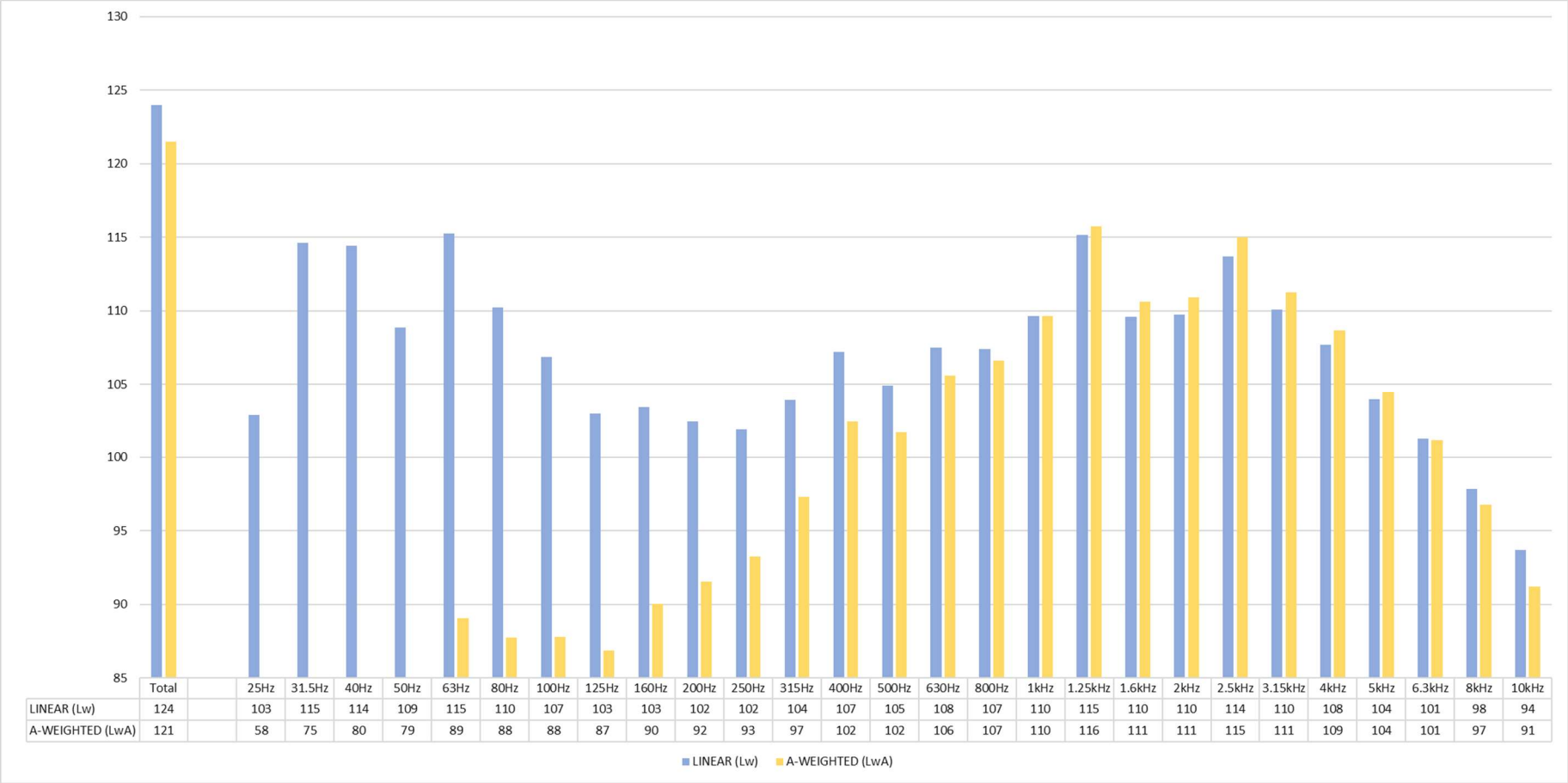
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		104	109	109	112	124	113	120	119	117	117	111	112	112	111	111	107	108	106	104	104	103	100	98	95	93	90	86
A-WEIGHTED (LwA)	118		59	70	75	82	98	90	101	102	103	106	103	106	107	108	109	106	108	107	105	105	104	101	99	96	93	89	83

Figure 90: DT753 Stationary Test



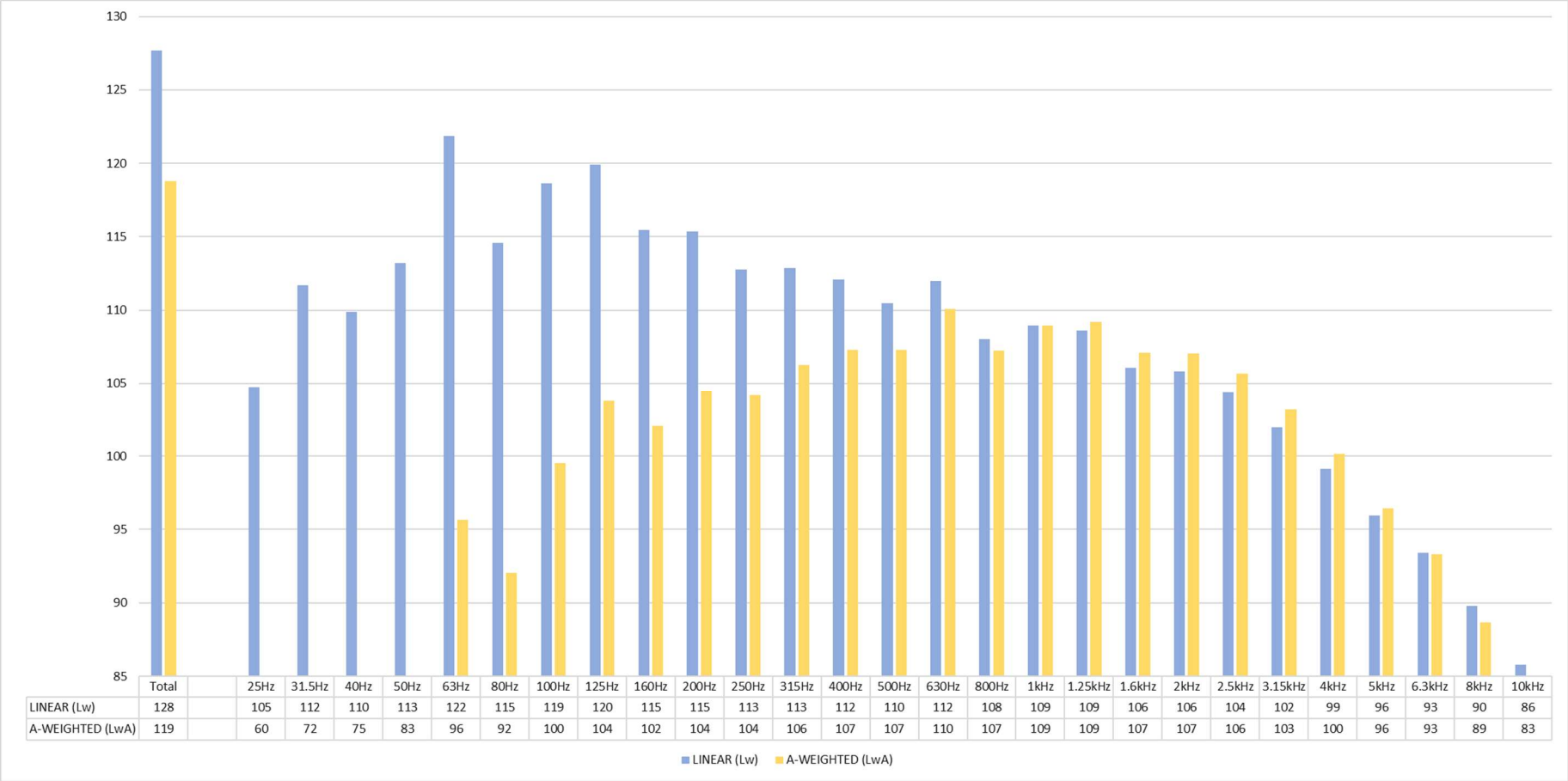
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	132	107	115	111	116	129	116	121	123	121	118	117	120	116	115	112	110	109	108	106	105	105	104	101	98	96	91	87
A-WEIGHTED (LwA)	121	62	76	76	85	103	93	102	107	108	107	108	113	112	112	110	109	109	108	107	106	106	105	102	98	96	90	84

Figure 91: DT753 Dynamic Test Uphill



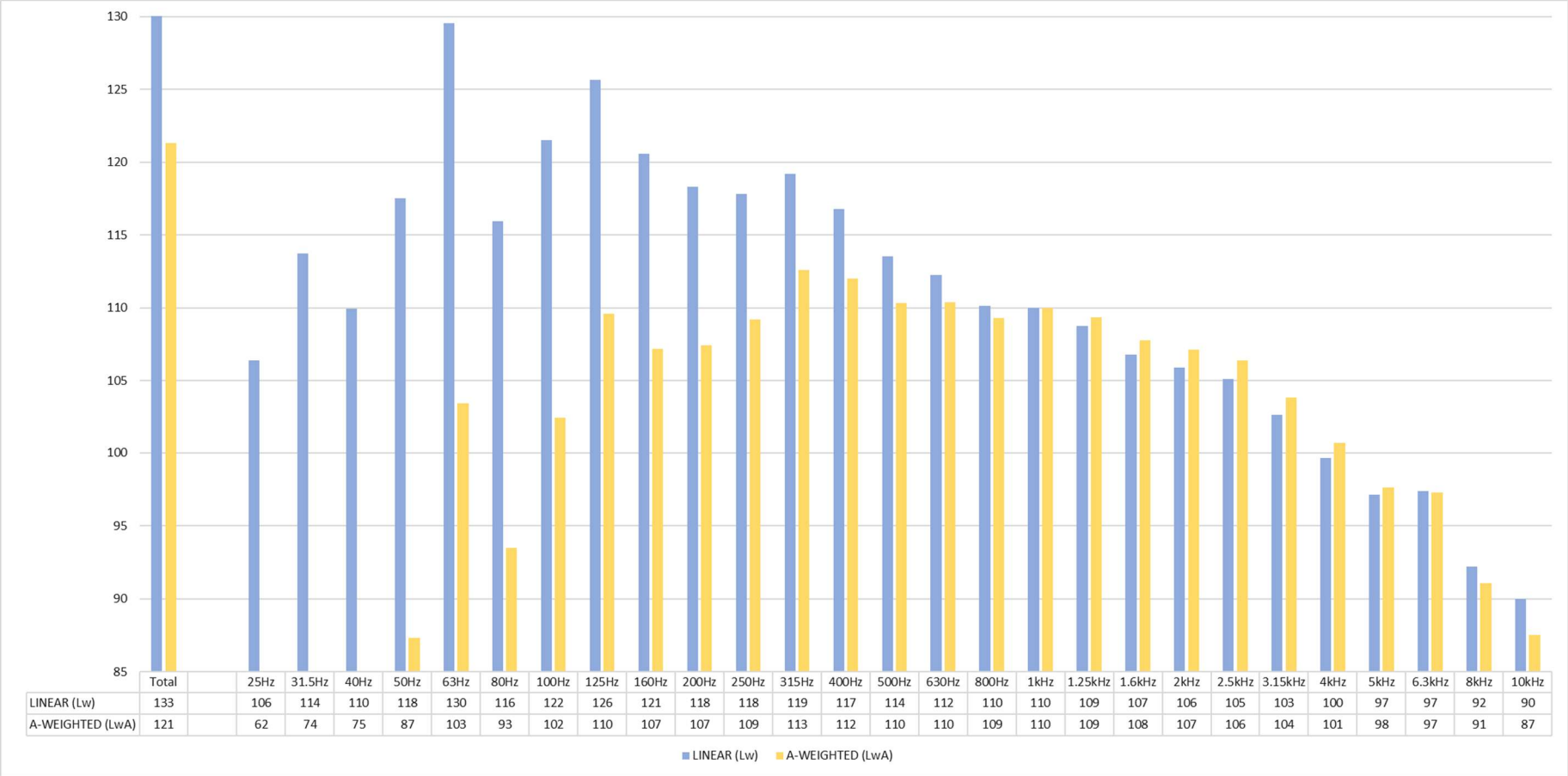
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		103	115	114	109	115	110	107	103	103	102	102	104	107	105	108	107	110	115	110	110	114	110	108	104	101	98	94
A-WEIGHTED (LwA)	121		58	75	80	79	89	88	88	87	90	92	93	97	102	102	106	107	110	116	111	111	115	111	109	104	101	97	91

Figure 92: DT753 Dynamic Test Downhill



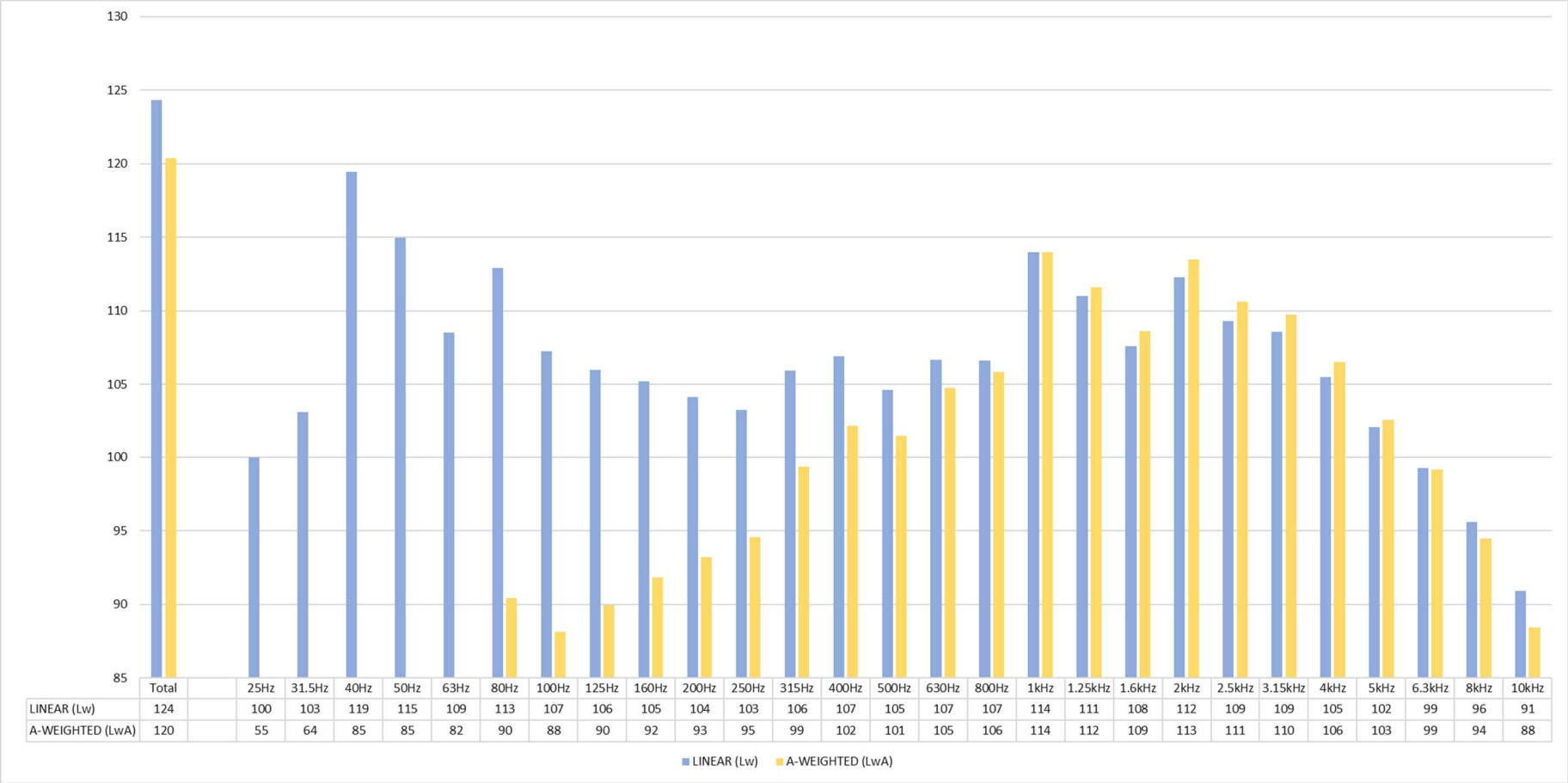
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		105	112	110	113	122	115	119	120	115	115	113	113	112	110	112	108	109	109	106	106	104	102	99	96	93	90	86
A-WEIGHTED (LwA)	119		60	72	75	83	96	92	100	104	102	104	104	106	107	107	110	107	109	109	107	107	106	103	100	96	93	89	83

Figure 93: DT755 Stationary Test



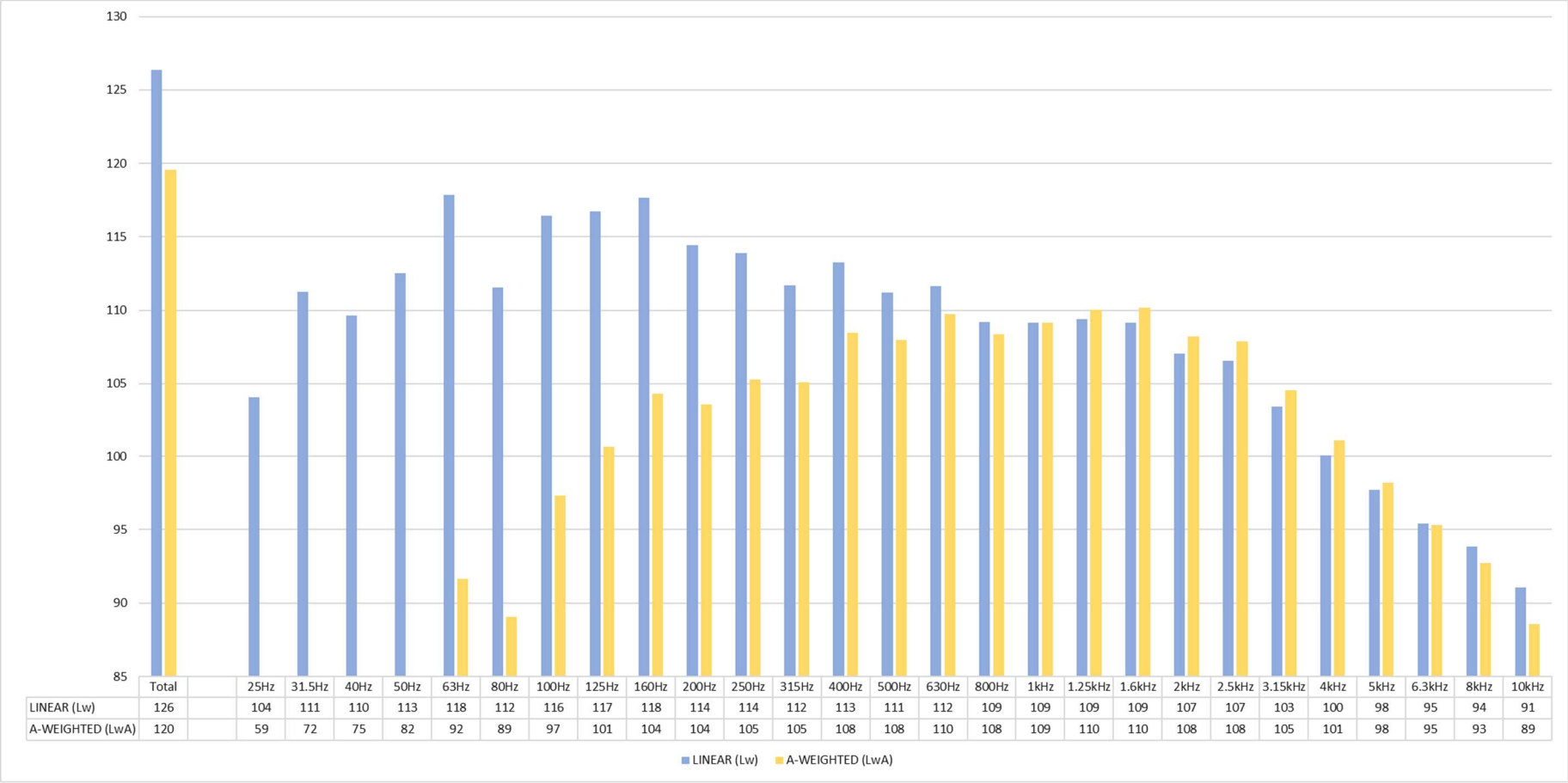
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	133		106	114	110	118	130	116	122	126	121	118	118	119	117	114	112	110	110	109	107	106	105	103	100	97	97	92	90
A-WEIGHTED (LwA)	121		62	74	75	87	103	93	102	110	107	107	109	113	112	110	110	109	110	109	108	107	106	104	101	98	97	91	87

Figure 94: DT755 Dynamic Test Uphill



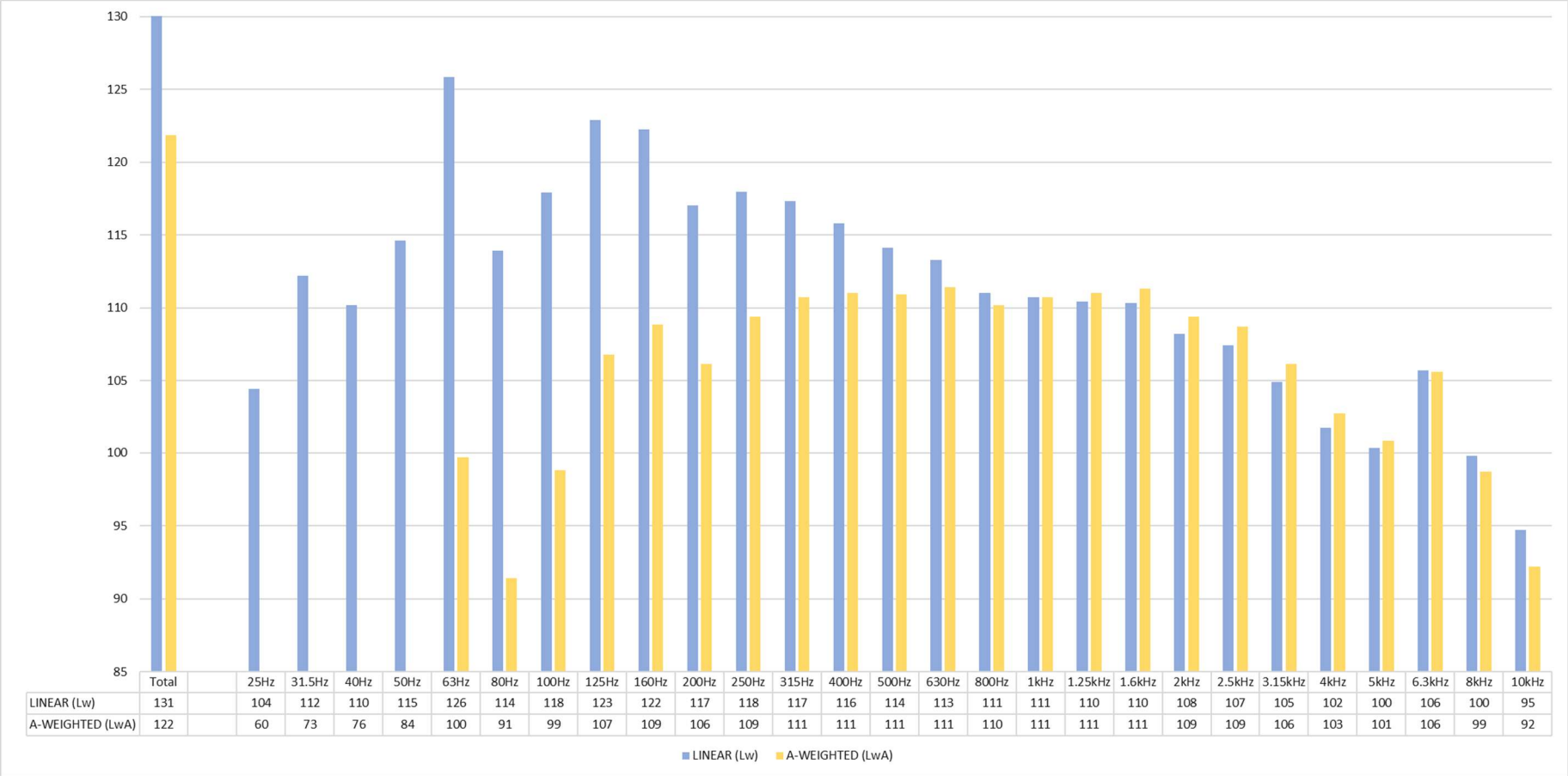
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		100	103	119	115	109	113	107	106	105	104	103	106	107	105	107	107	114	111	108	112	109	109	105	102	99	96	91
A-WEIGHTED (LwA)	120		55	64	85	85	82	90	88	90	92	93	95	99	102	101	105	106	114	112	109	113	111	110	106	103	99	94	88

Figure 95: DT755 Dynamic Test Downhill



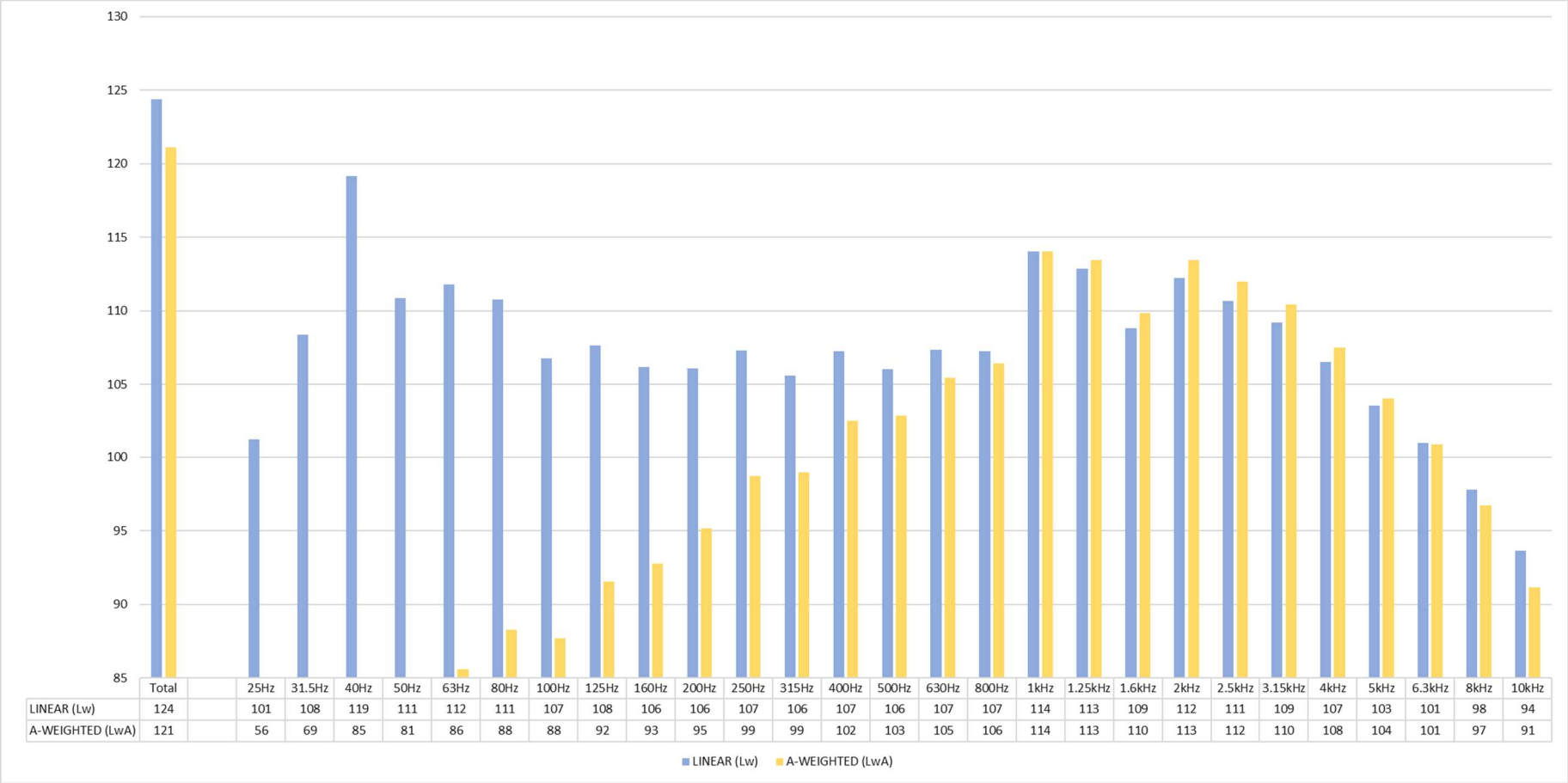
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126		104	111	110	113	118	112	116	117	118	114	114	112	113	111	112	109	109	109	109	107	107	103	100	98	95	94	91
A-WEIGHTED (LwA)	120		59	72	75	82	92	89	97	101	104	104	105	105	108	108	110	108	109	110	110	108	108	105	101	98	95	93	89

Figure 96: DT756 Stationary Test



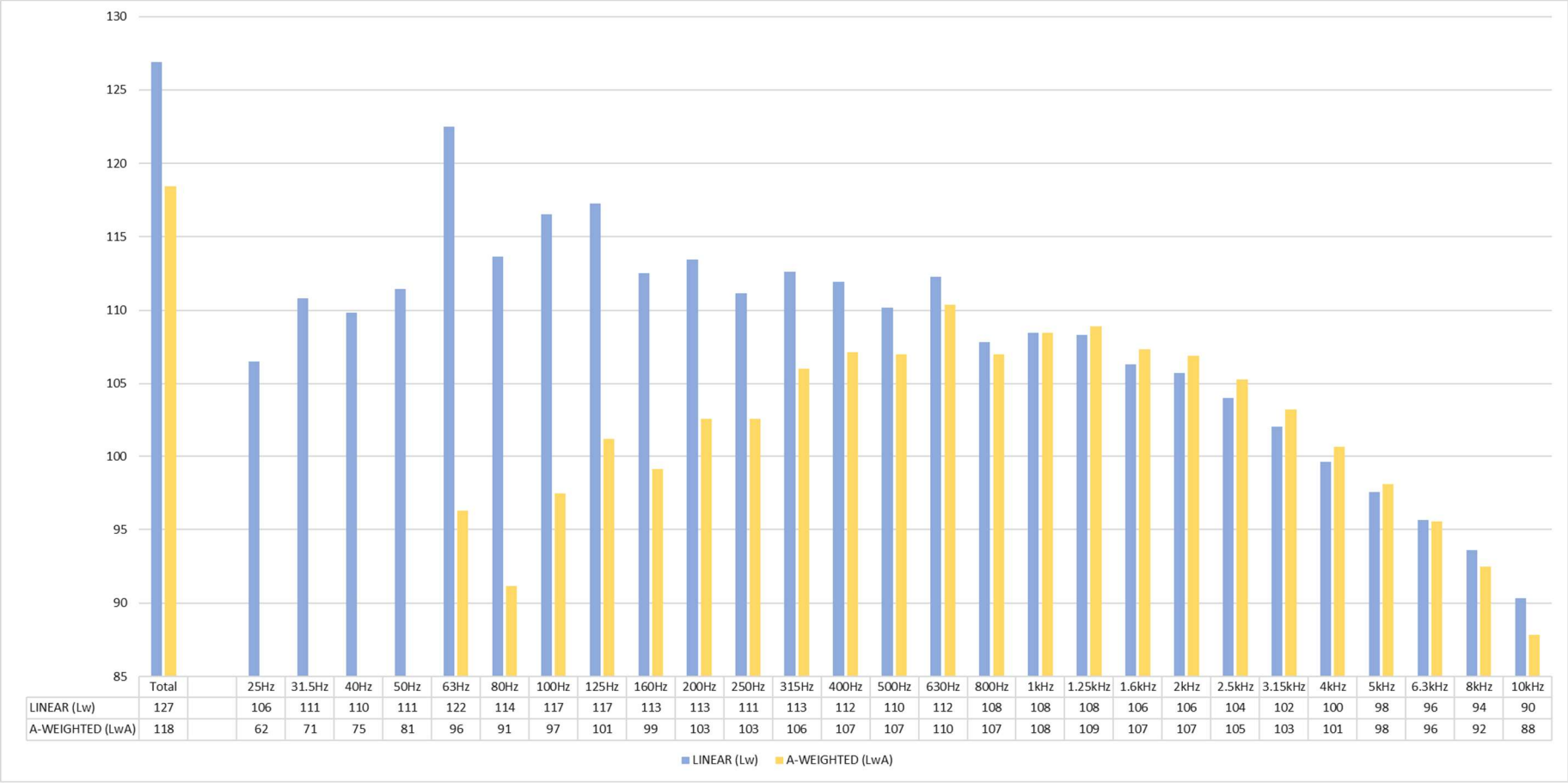
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	131		104	112	110	115	126	114	118	123	122	117	118	117	116	114	113	111	111	110	110	108	107	105	102	100	106	100	95
A-WEIGHTED (LwA)	122		60	73	76	84	100	91	99	107	109	106	109	111	111	111	111	110	111	111	111	109	109	106	103	101	106	99	92

Figure 97: DT756 Dynamic Test Uphill



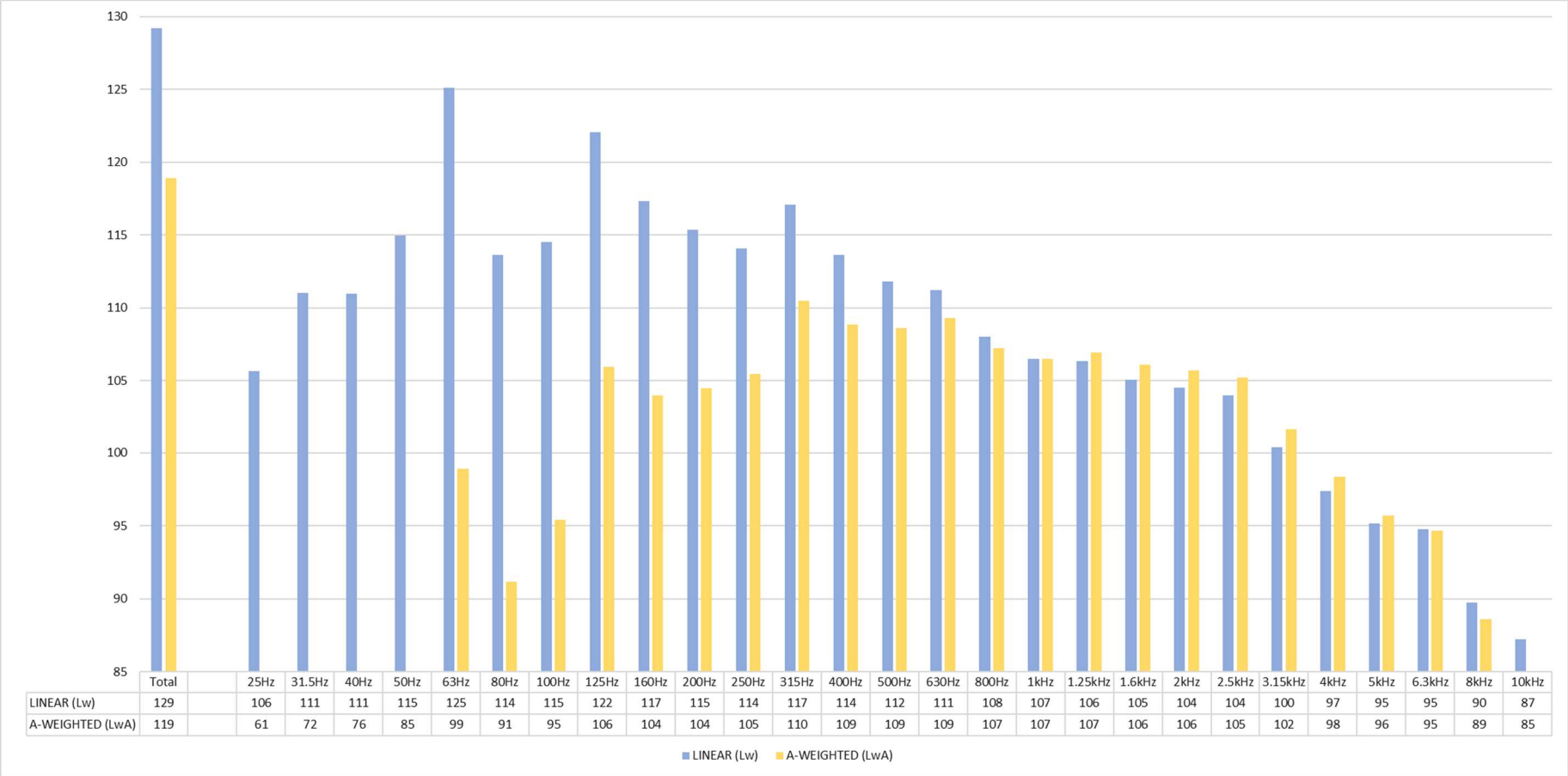
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		101	108	119	111	112	111	107	108	106	106	107	106	107	106	107	107	114	113	109	112	111	109	107	103	101	98	94
A-WEIGHTED (LwA)	121		56	69	85	81	86	88	88	92	93	95	99	99	102	103	105	106	114	113	110	113	112	110	108	104	101	97	91

Figure 98: DT756 Dynamic Test Downhill



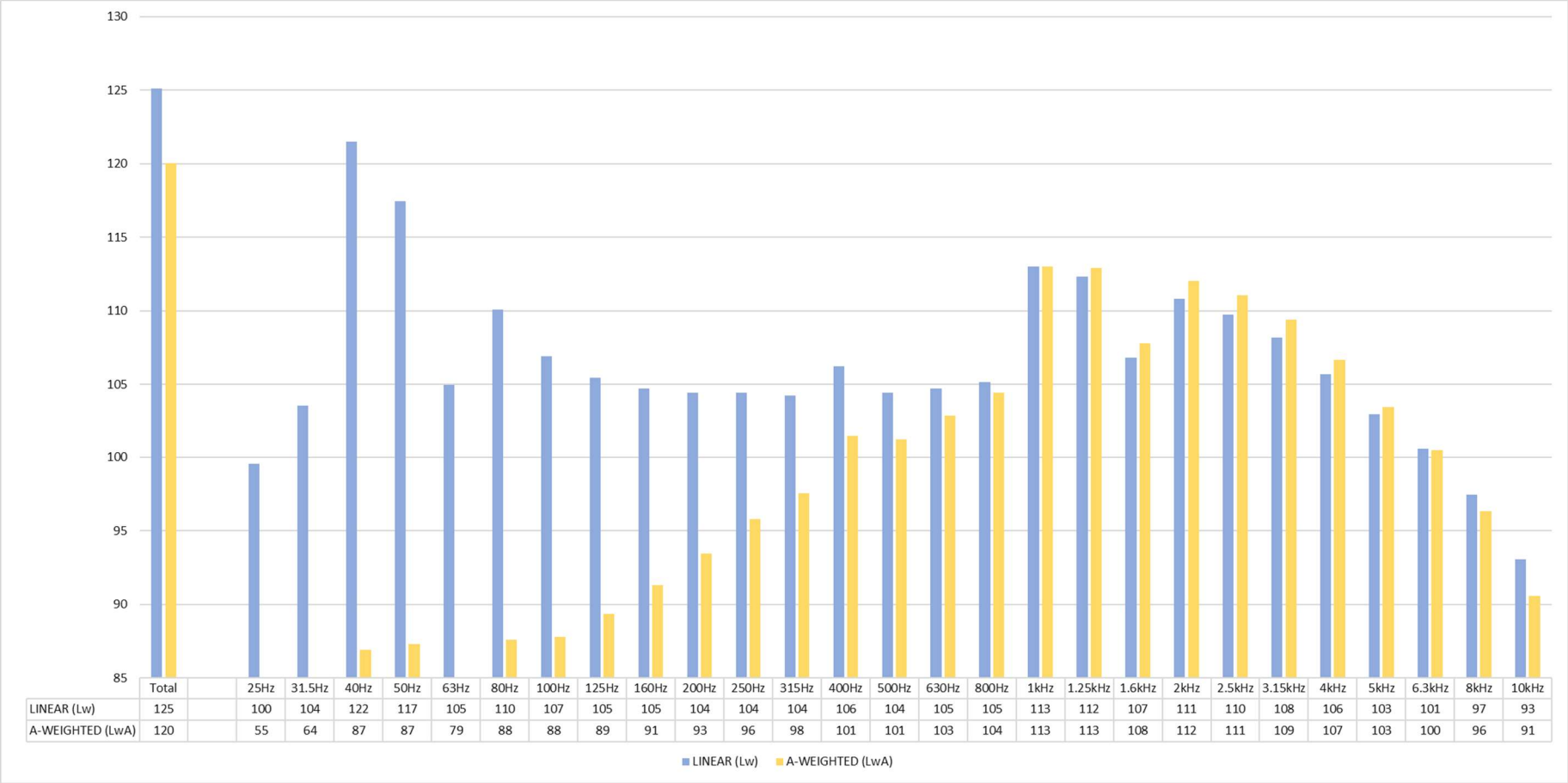
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	127		106	111	110	111	122	114	117	117	113	113	111	113	112	110	112	108	108	108	106	106	104	102	100	98	96	94	90
A-WEIGHTED (LwA)	118		62	71	75	81	96	91	97	101	99	103	103	106	107	107	110	107	108	109	107	107	105	103	101	98	96	92	88

Figure 99: DT757 Stationary Test



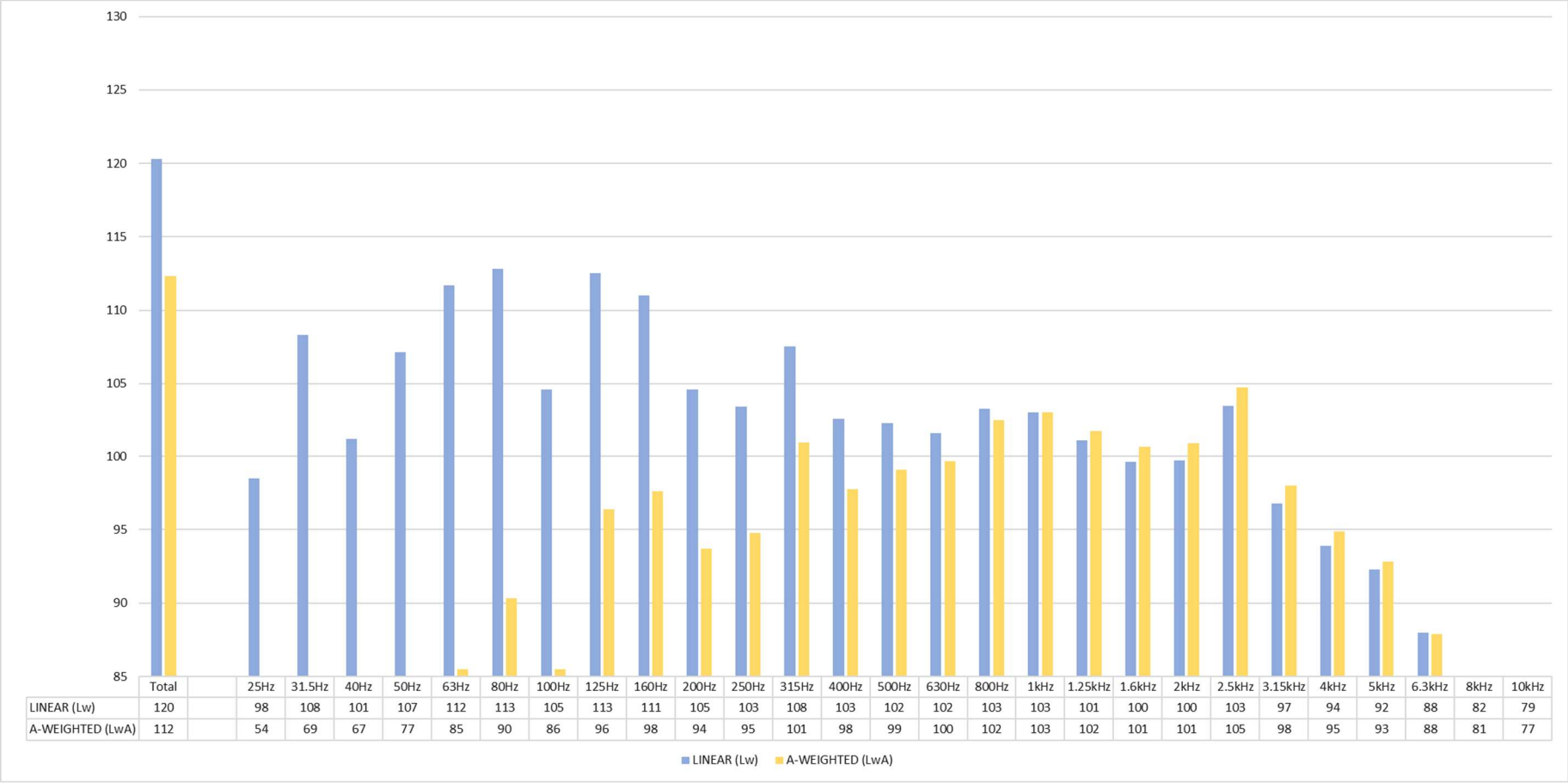
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		106	111	111	115	125	114	115	122	117	115	114	117	114	112	111	108	107	106	105	104	104	100	97	95	95	90	87
A-WEIGHTED (LwA)	119		61	72	76	85	99	91	95	106	104	104	105	110	109	109	109	107	107	107	106	106	105	102	98	96	95	89	85

Figure 100: DT757 Dynamic Test Uphill



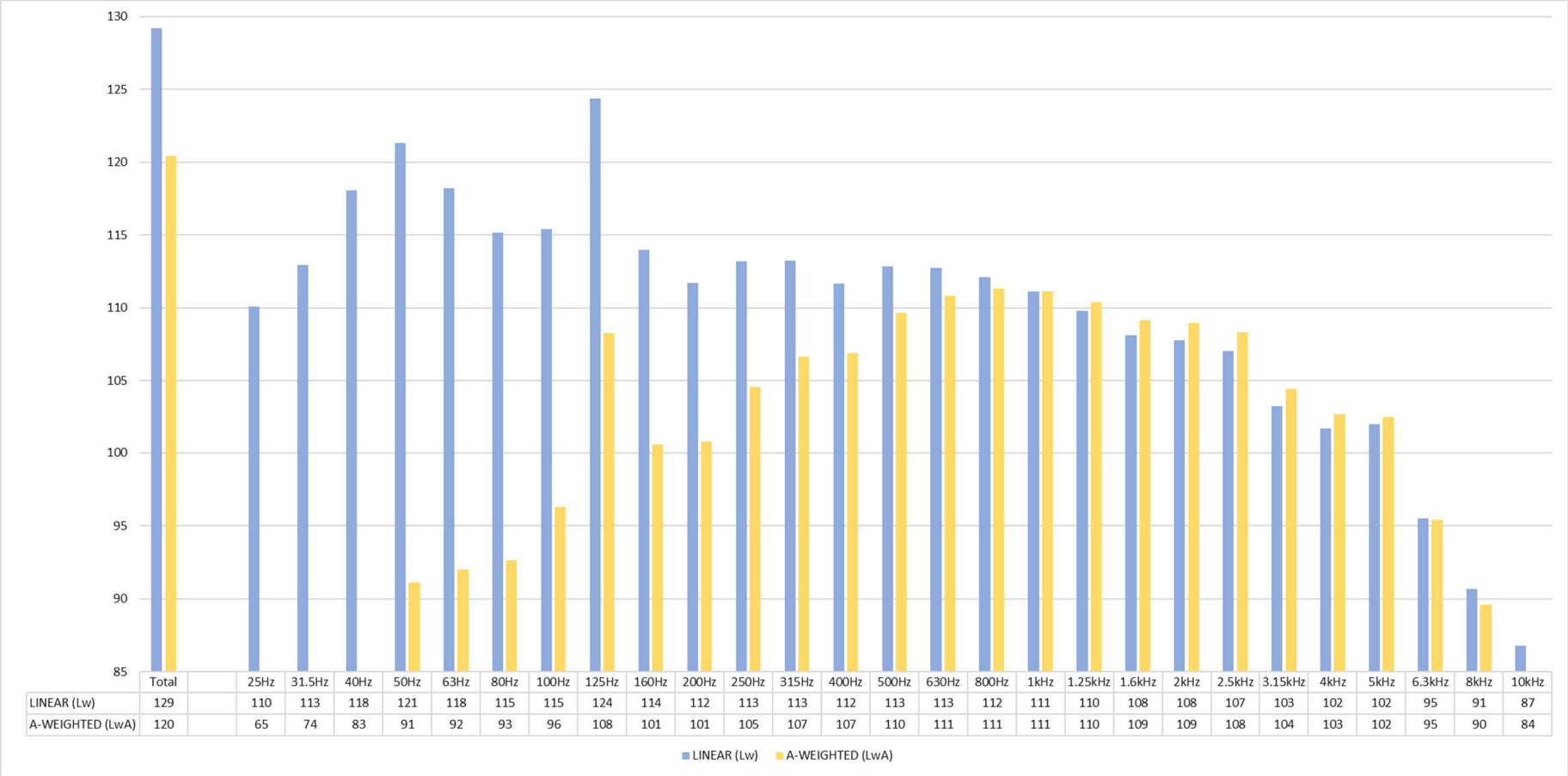
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		100	104	122	117	105	110	107	105	105	104	104	104	106	104	105	105	113	112	107	111	110	108	106	103	101	97	93
A-WEIGHTED (LwA)	120		55	64	87	87	79	88	88	89	91	93	96	98	101	101	103	104	113	113	108	112	111	109	107	103	100	96	91

Figure 101: DT757 Dynamic Test Downhill



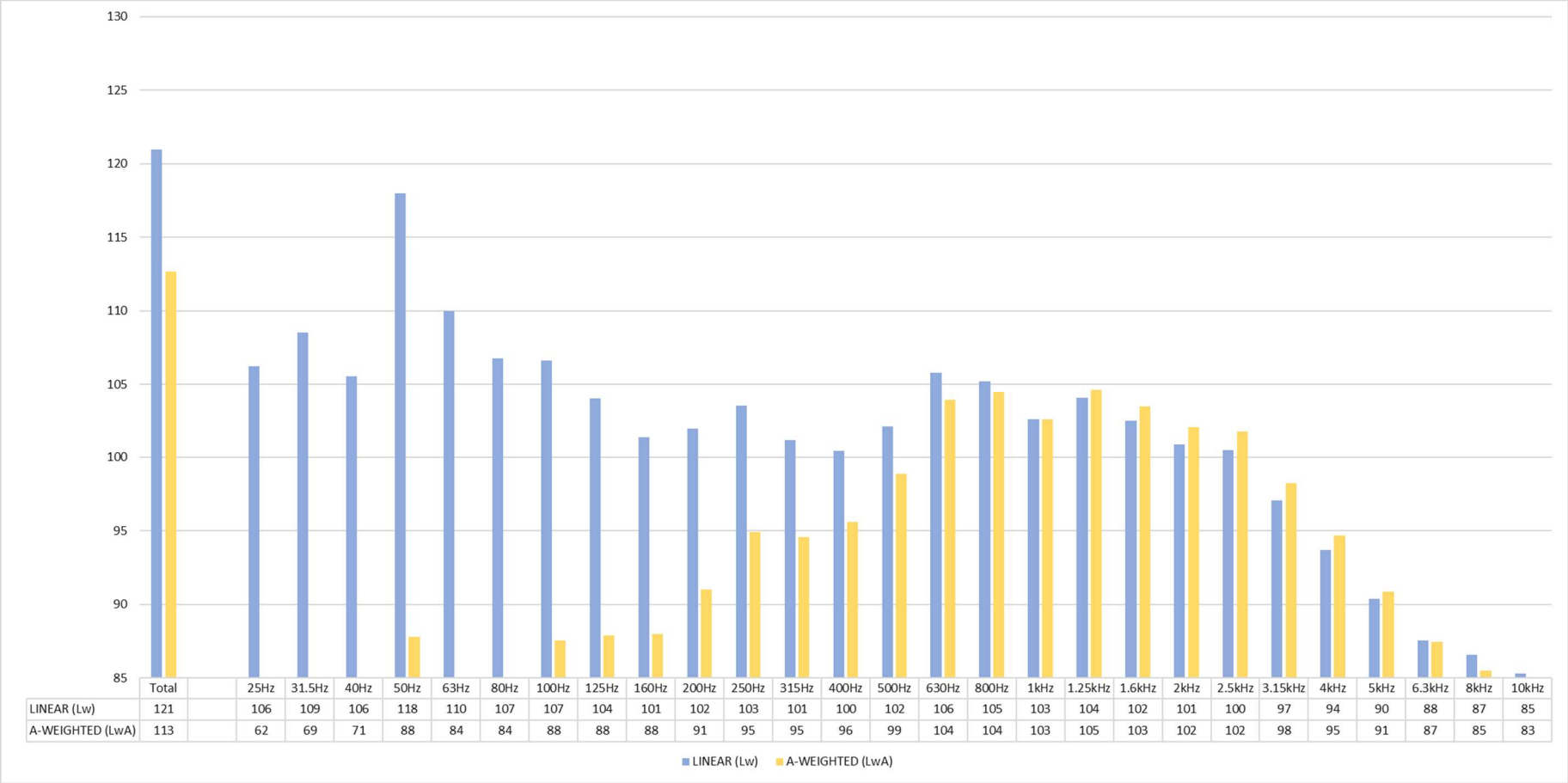
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		98	108	101	107	112	113	105	113	111	105	103	108	103	102	102	103	103	101	100	100	103	97	94	92	88	82	79
A-WEIGHTED (LwA)	112		54	69	67	77	85	90	86	96	98	94	95	101	98	99	100	102	103	102	101	101	105	98	95	93	88	81	77

Figure 102: DT807 Stationary Test



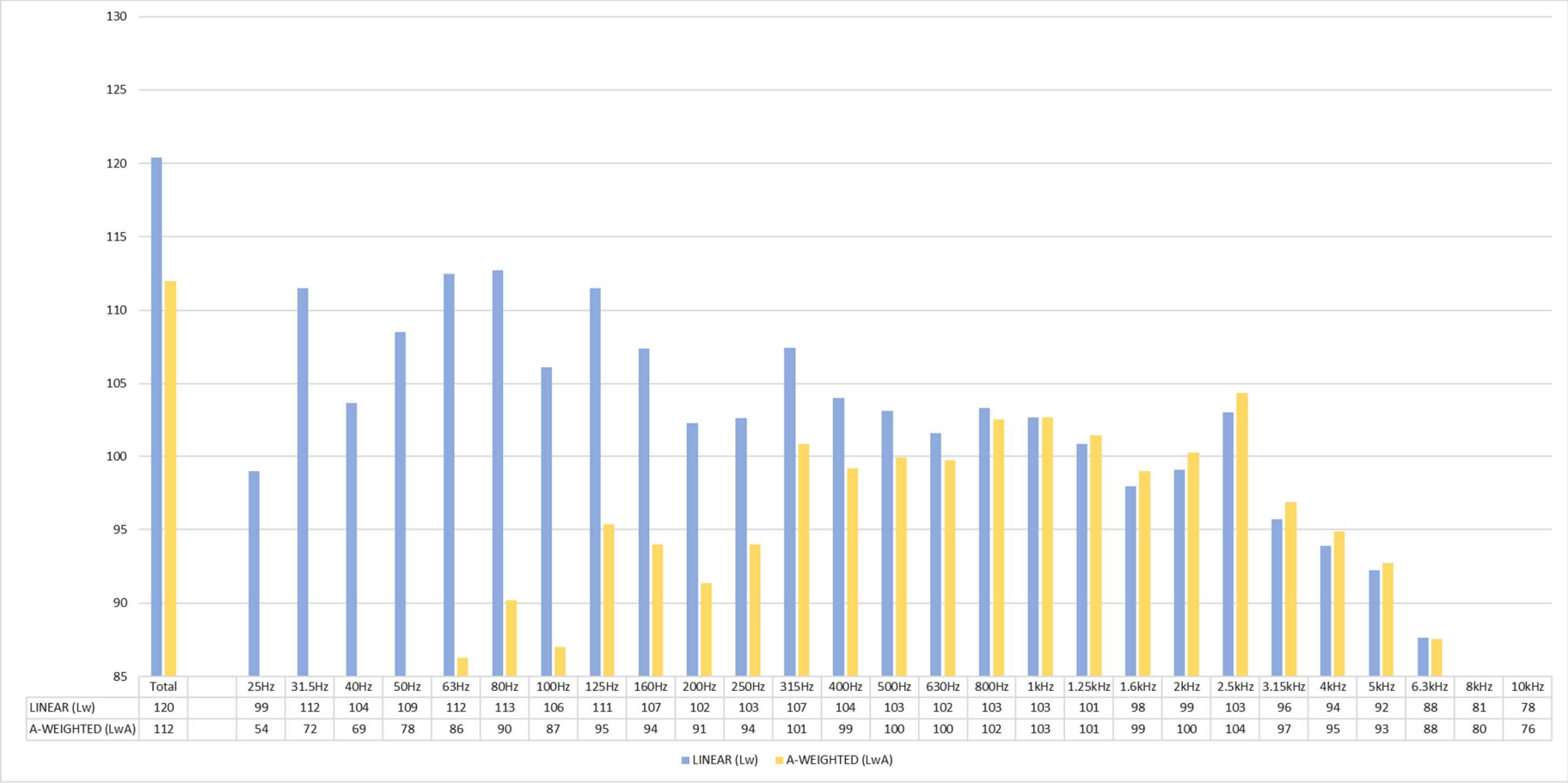
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129	110	113	118	121	118	115	115	124	114	112	113	113	112	113	113	112	111	110	108	108	107	103	102	102	95	91	87
A-WEIGHTED (LwA)	120	65	74	83	91	92	93	96	108	101	101	105	107	107	110	111	111	111	110	109	109	108	104	103	102	95	90	84

Figure 103: DT807 Dynamic Test Uphill



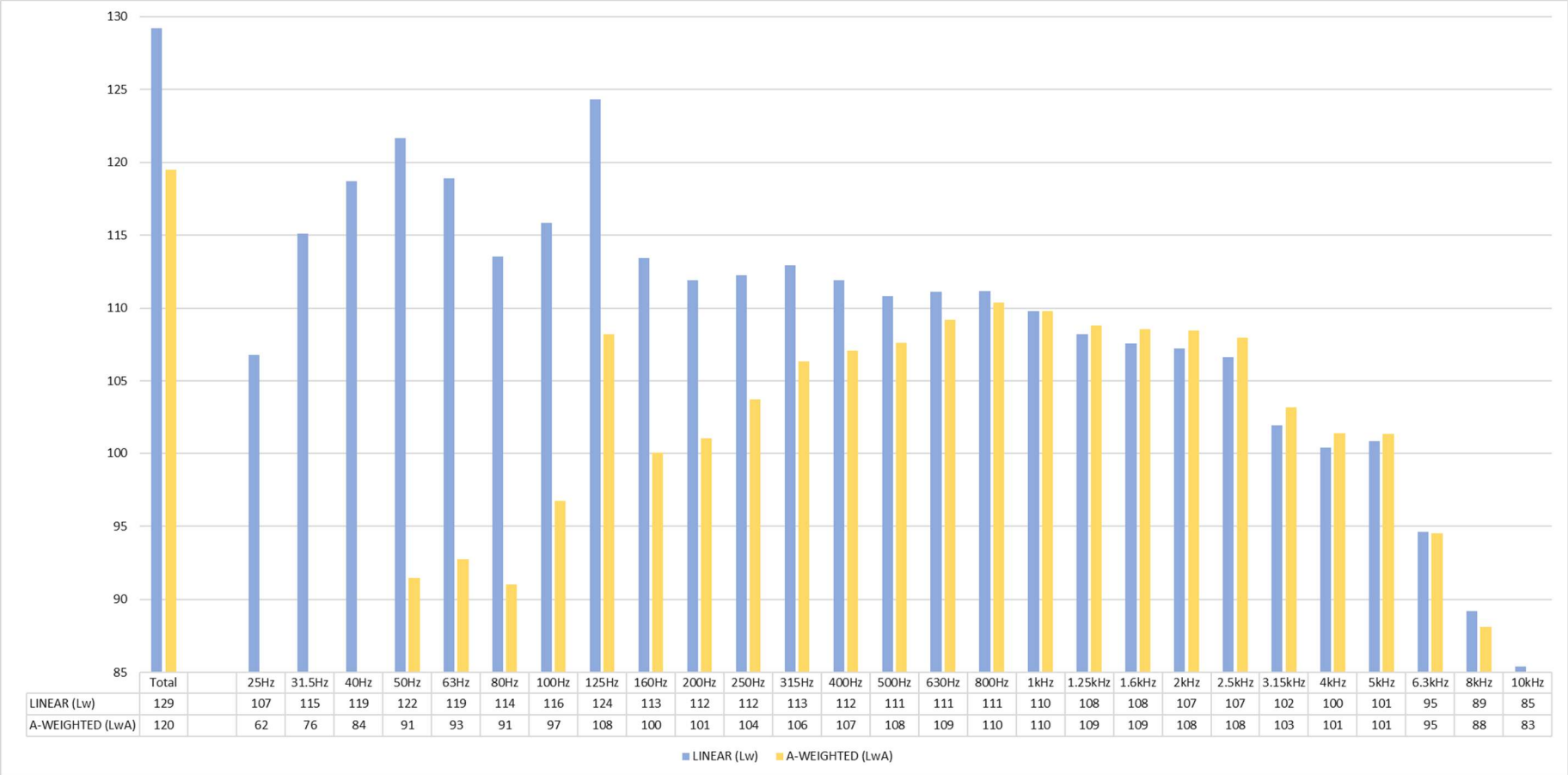
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	121	106	109	106	118	110	107	107	104	101	102	103	101	100	102	106	105	103	104	102	101	100	97	94	90	88	87	85
A-WEIGHTED (LwA)	113	62	69	71	88	84	84	88	88	88	91	95	95	96	99	104	104	103	105	103	102	102	98	95	91	87	85	83

Figure 104: DT807 Dynamic Test Downhill



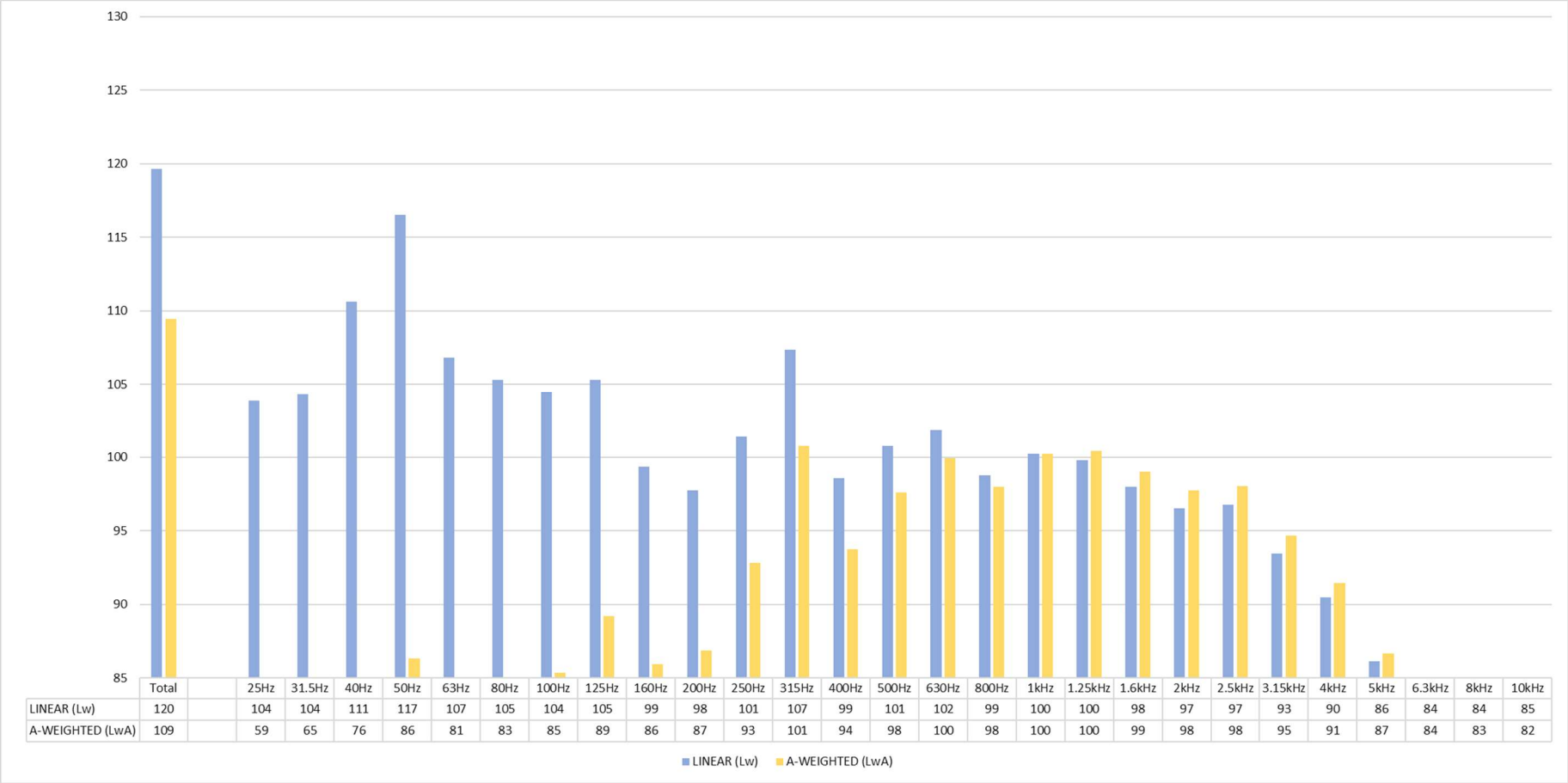
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		99	112	104	109	112	113	106	111	107	102	103	107	104	103	102	103	103	101	98	99	103	96	94	92	88	81	78
A-WEIGHTED (LwA)	112		54	72	69	78	86	90	87	95	94	91	94	101	99	100	100	102	103	101	99	100	104	97	95	93	88	80	76

Figure 105: DT808 Stationary Test



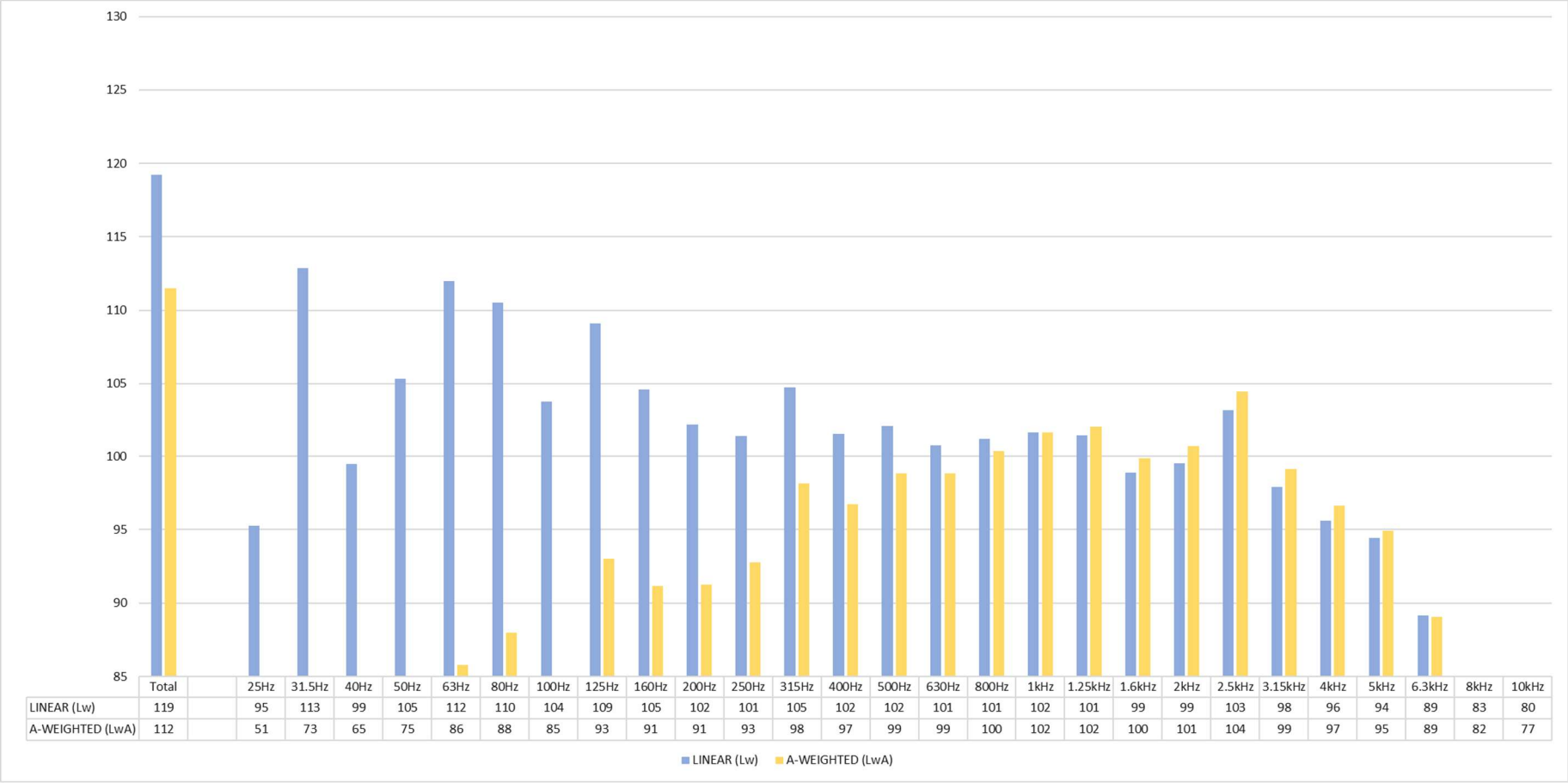
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	129		107	115	119	122	119	114	116	124	113	112	112	113	112	111	111	111	110	108	108	107	107	102	100	101	95	89	85
A-WEIGHTED (LwA)	120		62	76	84	91	93	91	97	108	100	101	104	106	107	108	109	110	110	109	109	108	108	103	101	101	95	88	83

Figure 106: DT808 Dynamic Test Uphill



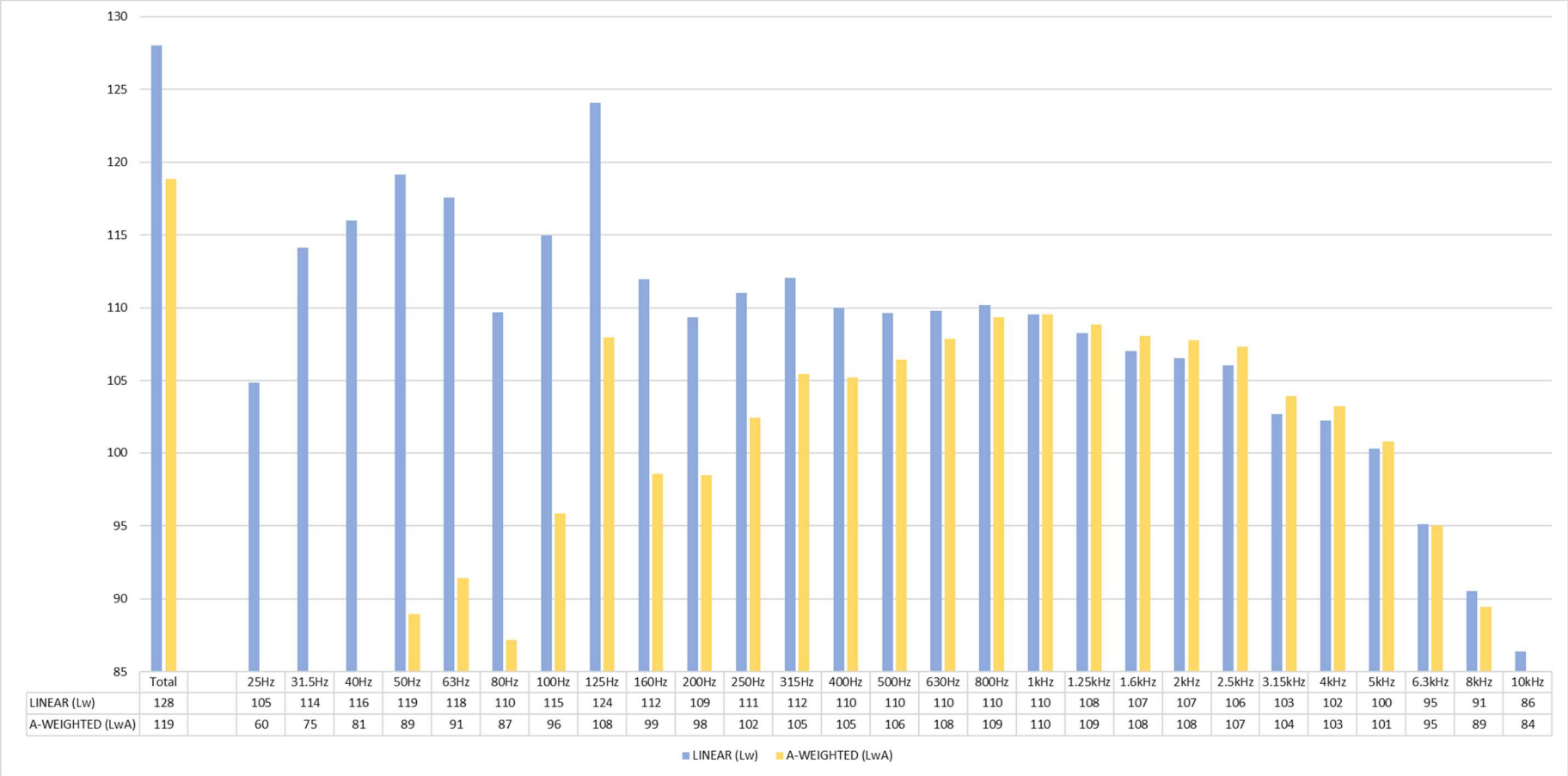
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		104	104	111	117	107	105	104	105	99	98	101	107	99	101	102	99	100	100	98	97	97	93	90	86	84	84	85
A-WEIGHTED (LwA)	109		59	65	76	86	81	83	85	89	86	87	93	101	94	98	100	98	100	100	99	98	98	95	91	87	84	83	82

Figure 107: DT808 Dynamic Test Downhill



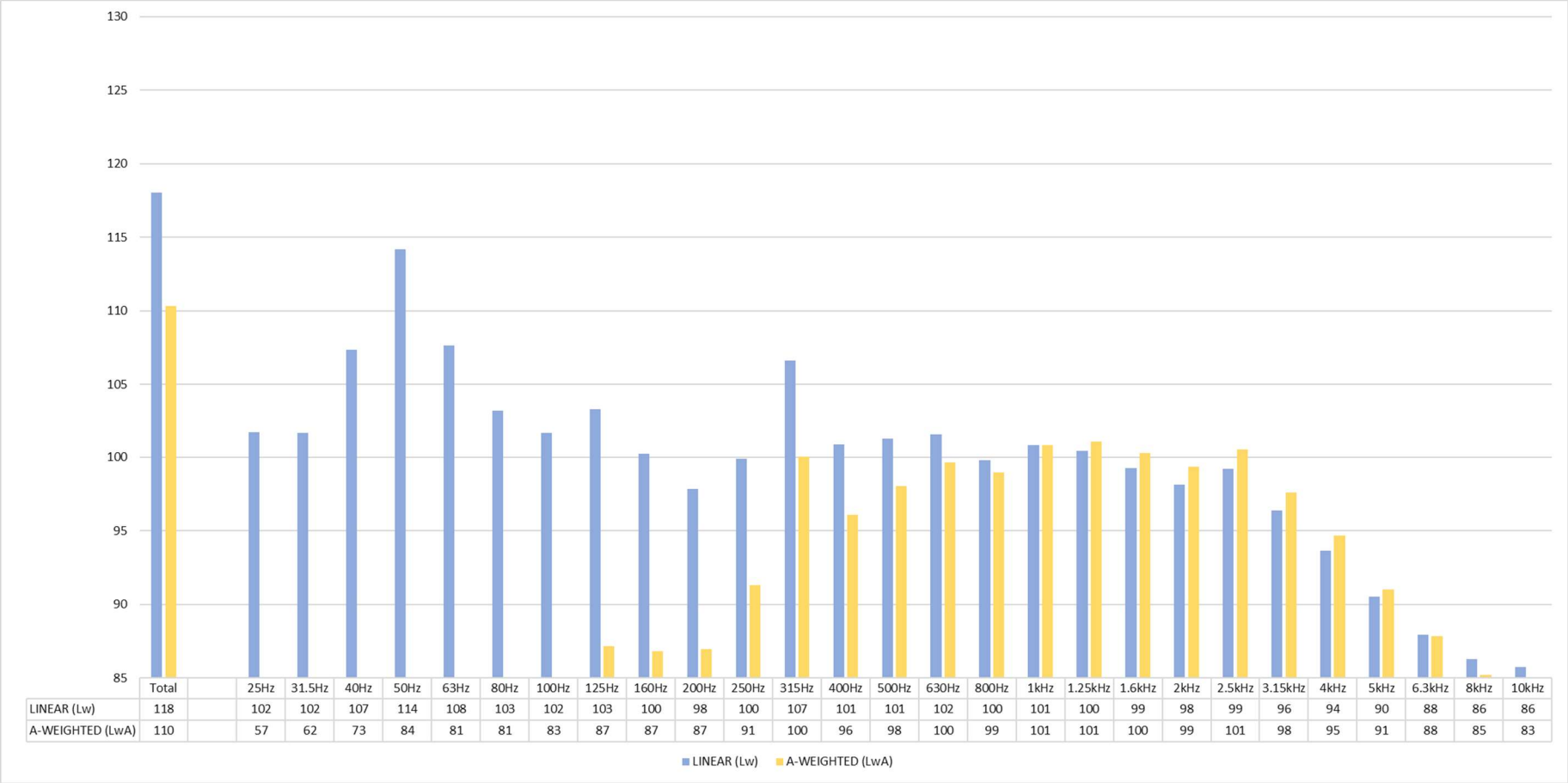
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		95	113	99	105	112	110	104	109	105	102	101	105	102	102	101	101	102	101	99	99	103	98	96	94	89	83	80
A-WEIGHTED (LwA)	112		51	73	65	75	86	88	85	93	91	91	93	98	97	99	99	100	102	102	100	101	104	99	97	95	89	82	77

Figure 108: DT809 Stationary Test



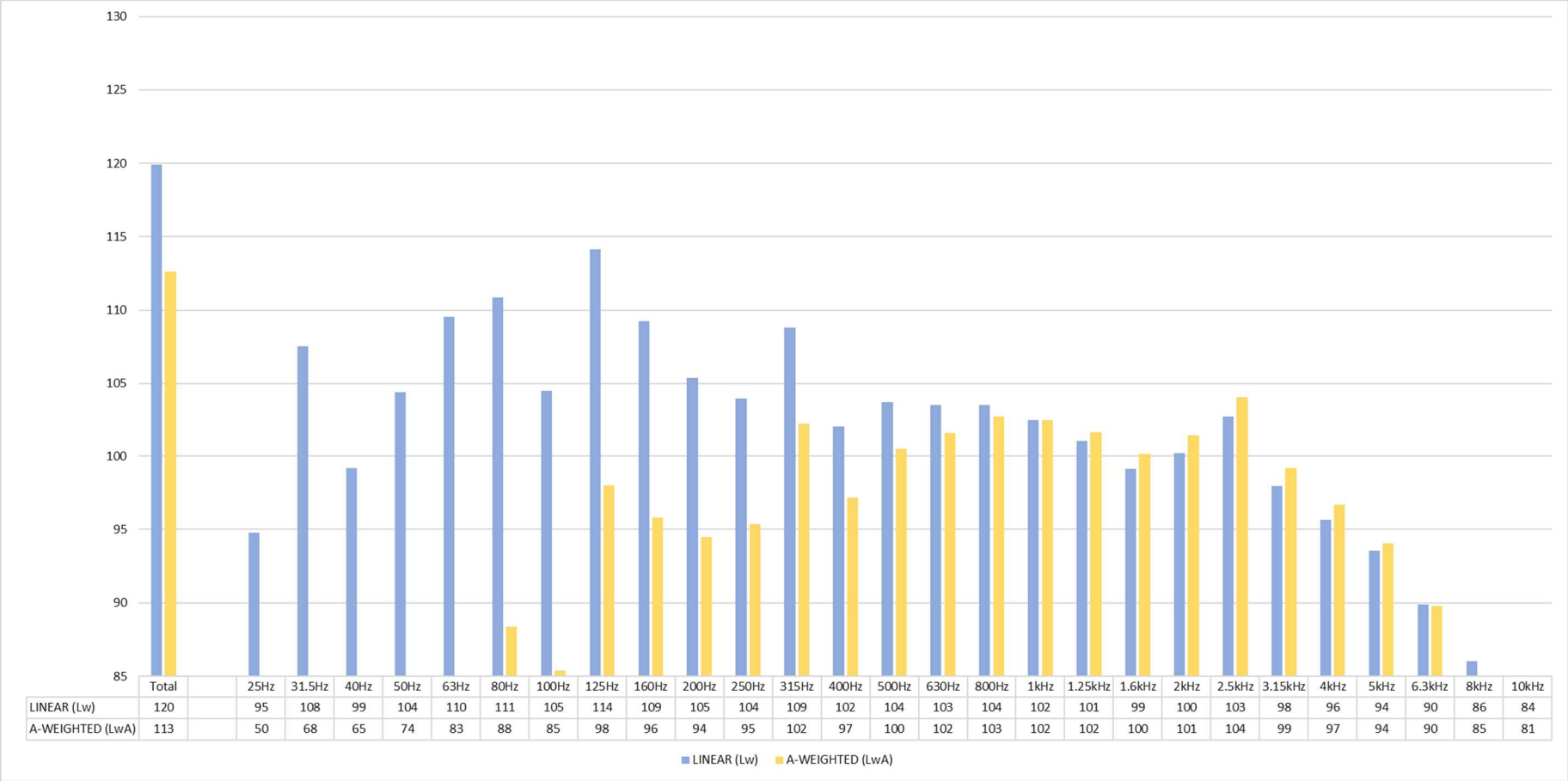
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128		105	114	116	119	118	110	115	124	112	109	111	112	110	110	110	110	110	108	107	107	106	103	102	100	95	91	86
A-WEIGHTED (LwA)	119		60	75	81	89	91	87	96	108	99	98	102	105	105	106	108	109	110	109	108	108	107	104	103	101	95	89	84

Figure 109: DT809 Dynamic Test Uphill



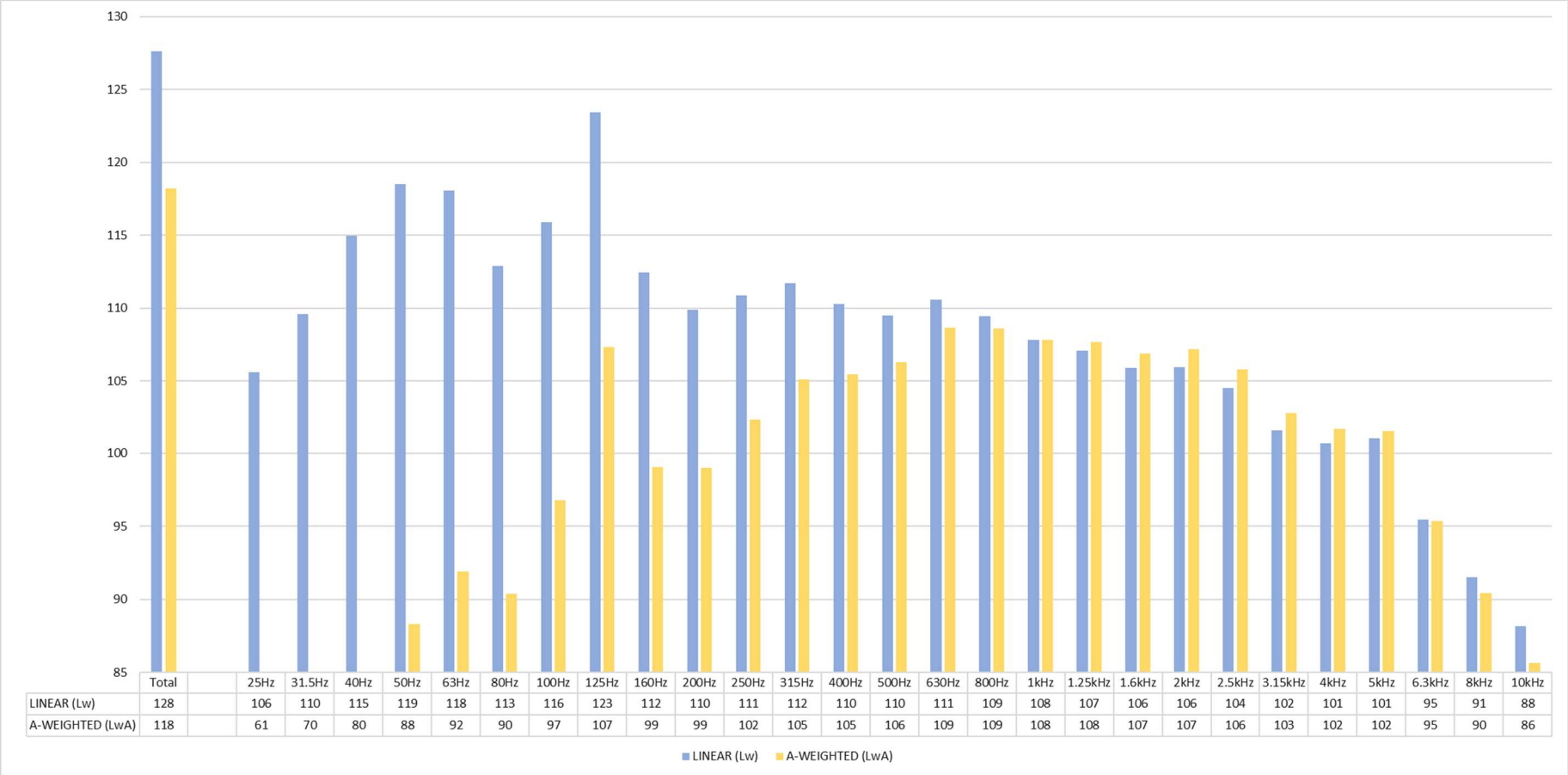
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		102	102	107	114	108	103	102	103	100	98	100	107	101	101	102	100	101	100	99	98	99	96	94	90	88	86	86
A-WEIGHTED (LwA)	110		57	62	73	84	81	81	83	87	87	87	91	100	96	98	100	99	101	101	100	99	101	98	95	91	88	85	83

Figure 110: DT809 Dynamic Test Downhill



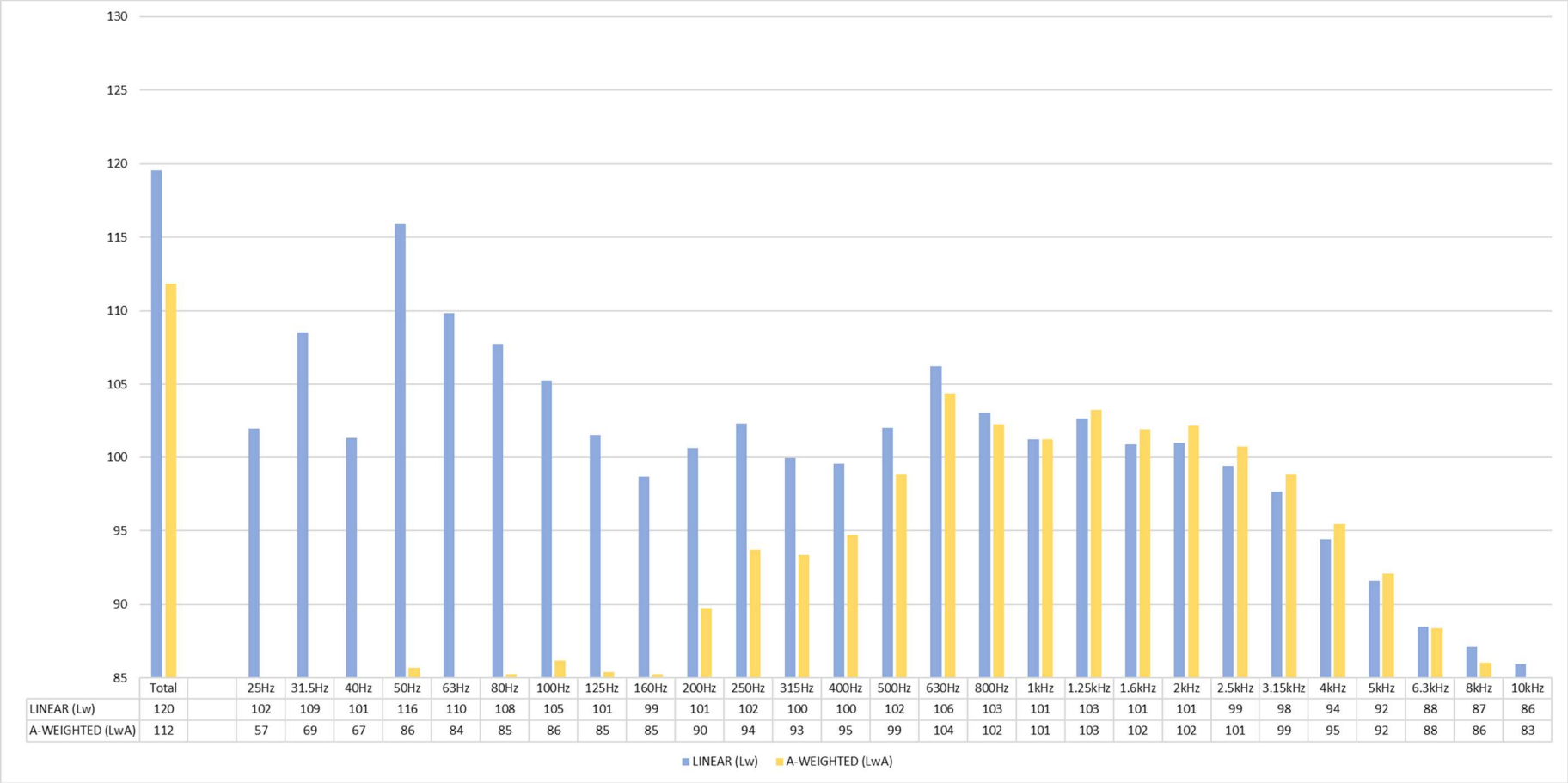
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		95	108	99	104	110	111	105	114	109	105	104	109	102	104	103	104	102	101	99	100	103	98	96	94	90	86	84
A-WEIGHTED (LwA)	113		50	68	65	74	83	88	85	98	96	94	95	102	97	100	102	103	102	102	100	101	104	99	97	94	90	85	81

Figure 111: DT810 Stationary Test



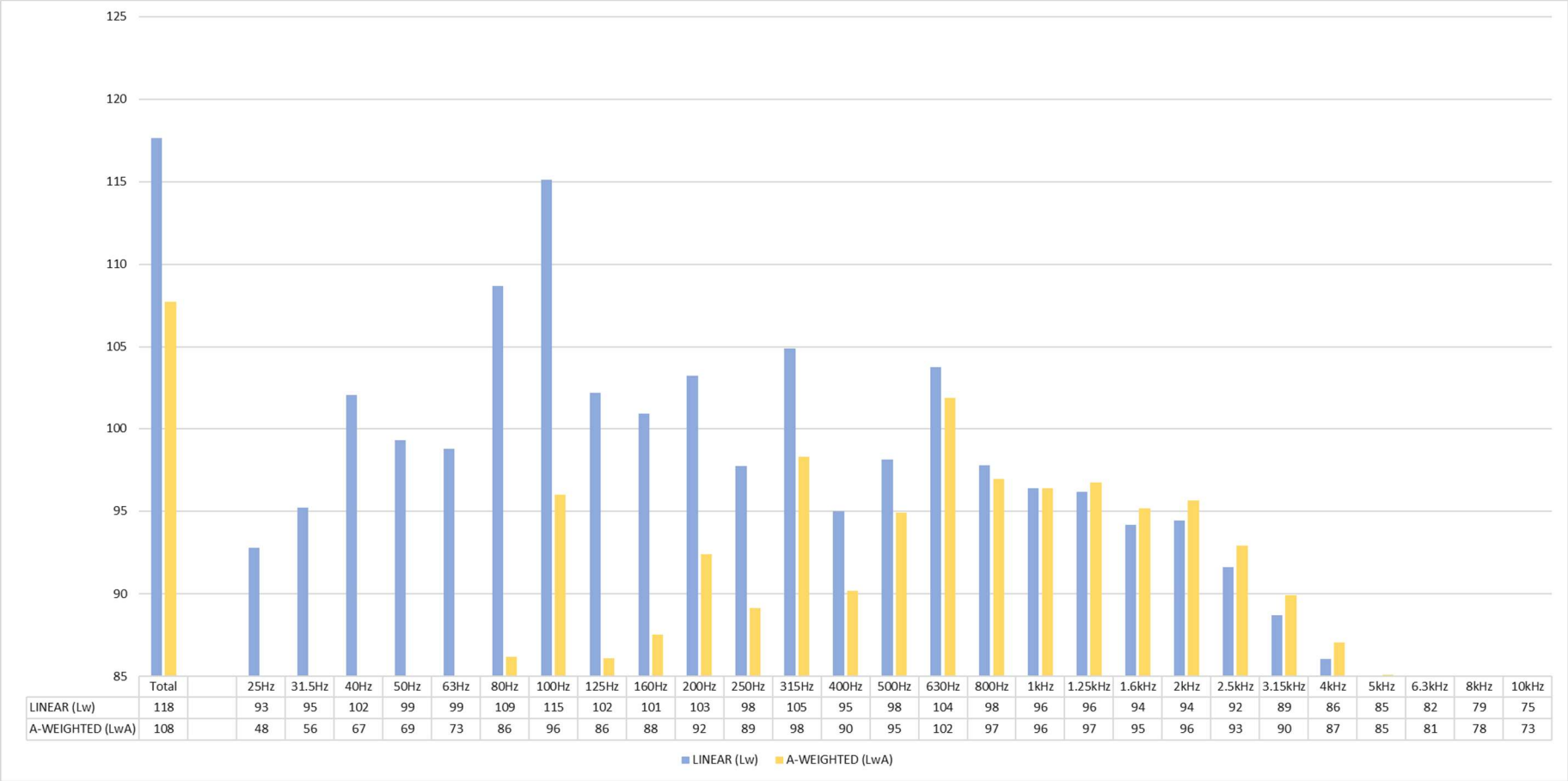
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	128	106	110	115	119	118	113	116	123	112	110	111	112	110	110	111	109	108	107	106	106	104	102	101	101	95	91	88
A-WEIGHTED (LwA)	118	61	70	80	88	92	90	97	107	99	99	102	105	105	106	109	109	108	108	107	107	106	103	102	102	95	90	86

Figure 112: DT810 Dynamic Test Uphill



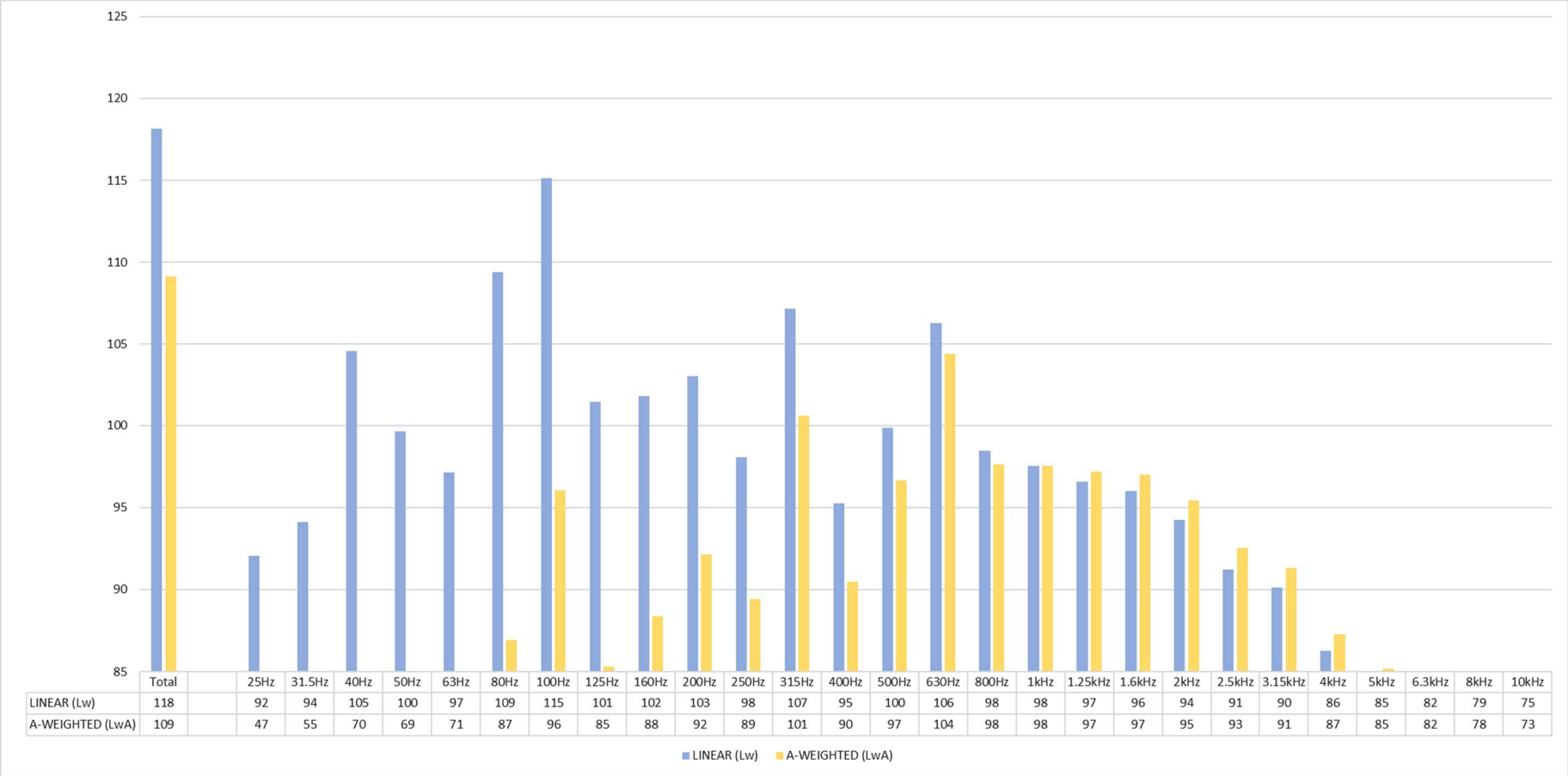
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		102	109	101	116	110	108	105	101	99	101	102	100	100	102	106	103	101	103	101	101	99	98	94	92	88	87	86
A-WEIGHTED (LwA)	112		57	69	67	86	84	85	86	85	85	90	94	93	95	99	104	102	101	103	102	102	101	99	95	92	88	86	83

Figure 113: DT810 Dynamic Test Downhill



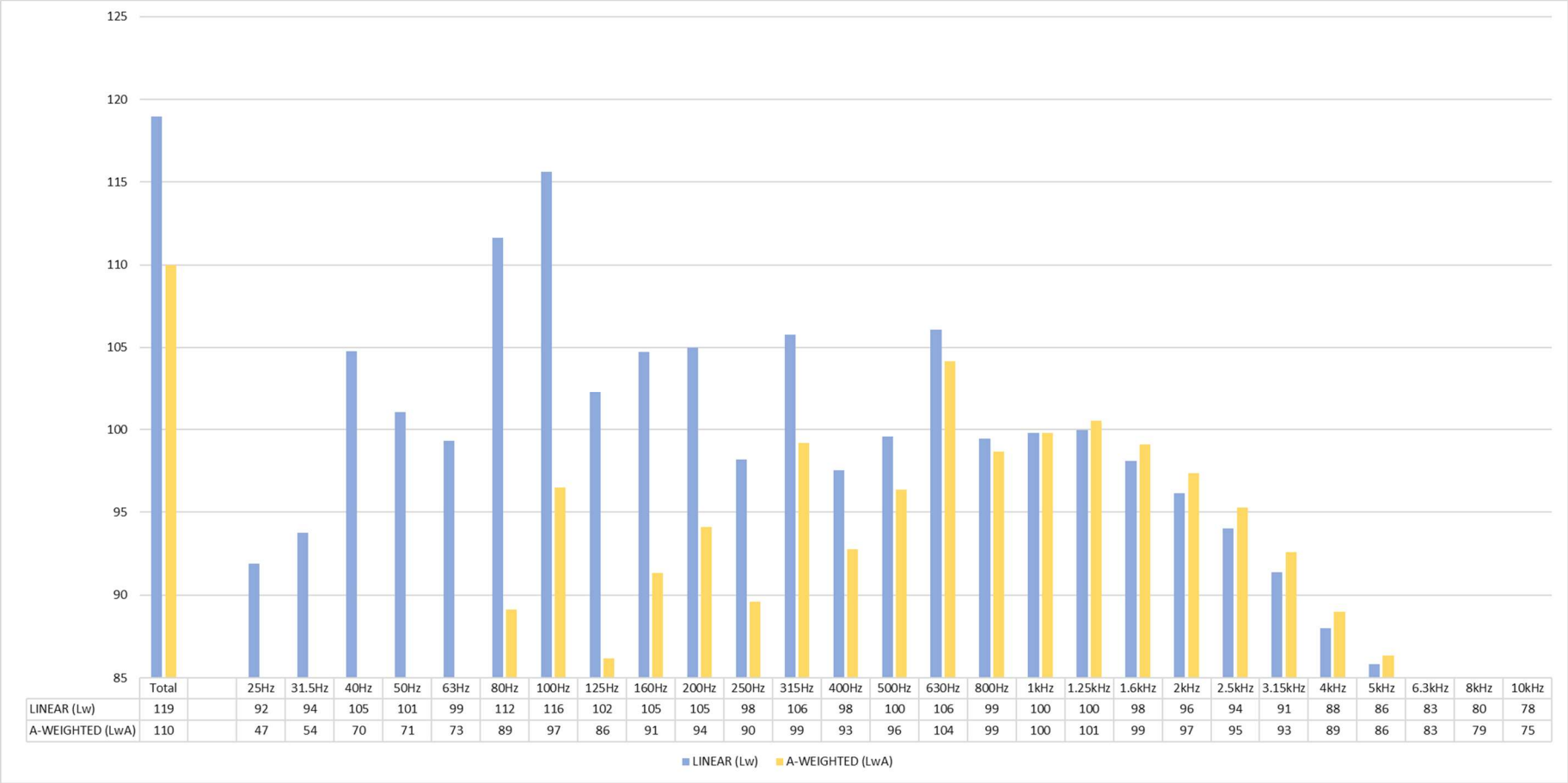
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		93	95	102	99	99	109	115	102	101	103	98	105	95	98	104	98	96	96	94	94	92	89	86	85	82	79	75
A-WEIGHTED (LwA)	108		48	56	67	69	73	86	96	86	88	92	89	98	90	95	102	97	96	97	95	96	93	90	87	85	81	78	73

Figure 114: WD001 Stationary Test



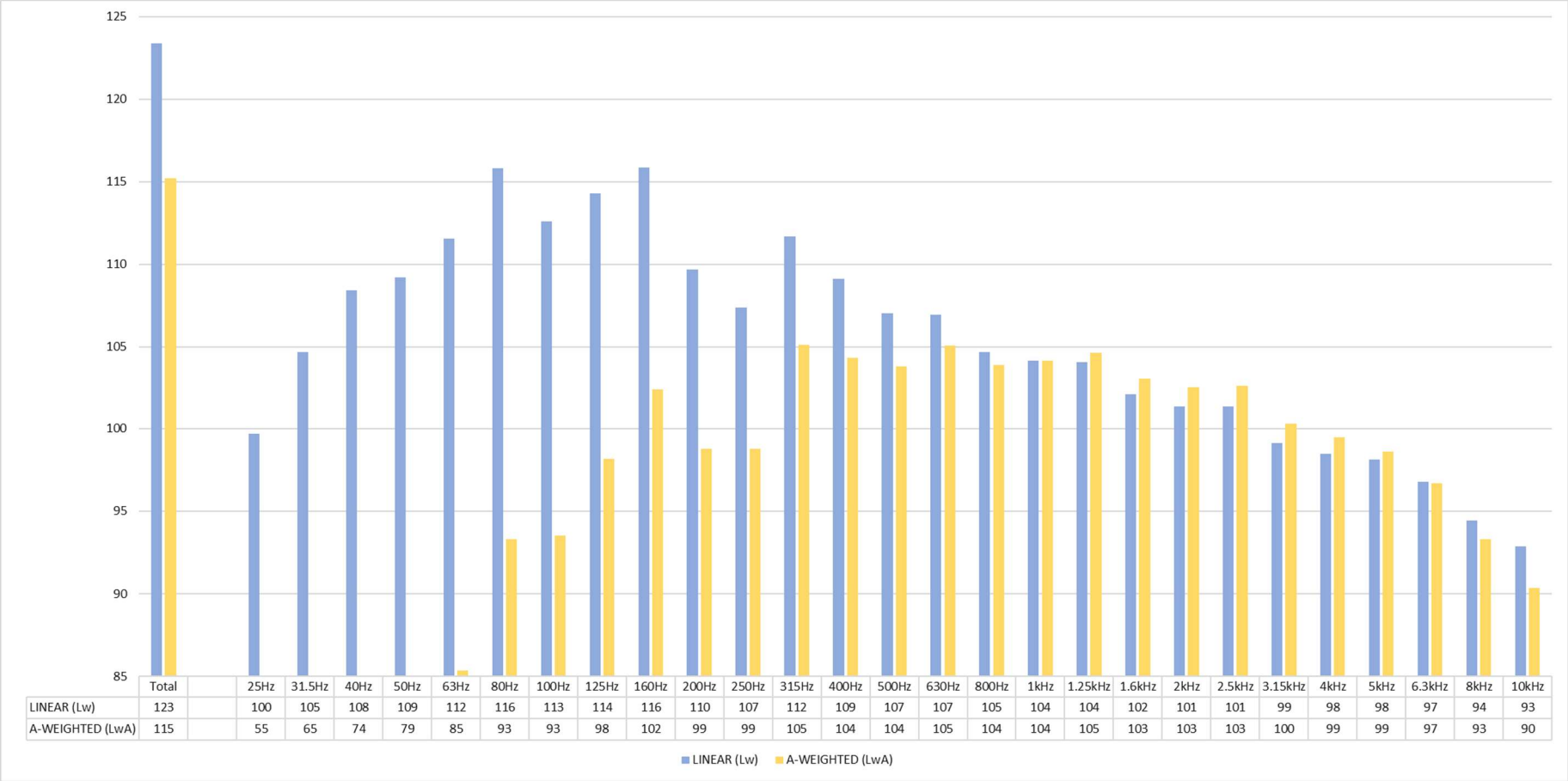
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		92	94	105	100	97	109	115	101	102	103	98	107	95	100	106	98	98	97	96	94	91	90	86	85	82	79	75
A-WEIGHTED (LwA)	109		47	55	70	69	71	87	96	85	88	92	89	101	90	97	104	98	98	97	97	95	93	91	87	85	82	78	73

Figure 115: WD001 Dynamic Test Forwards



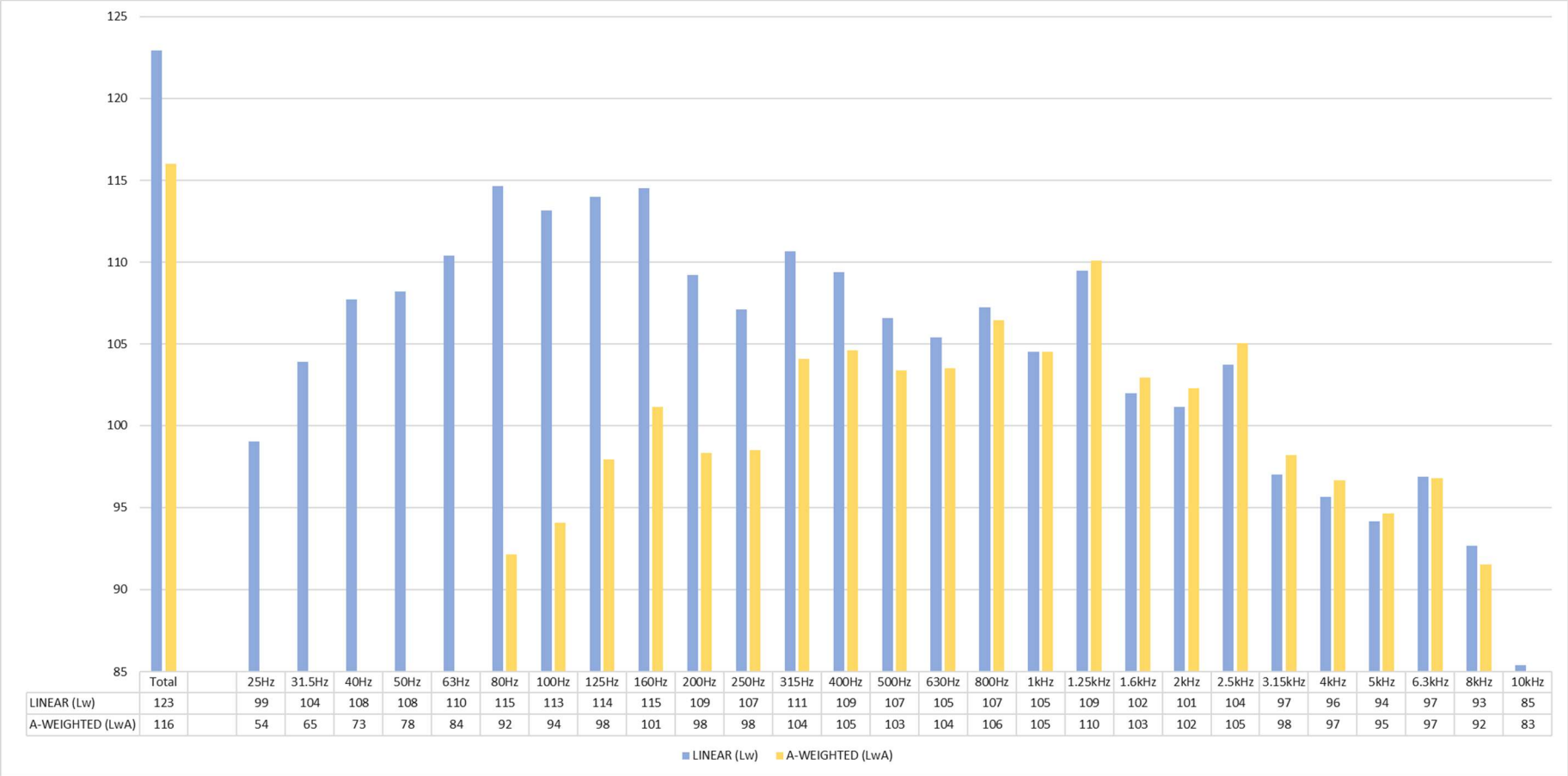
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		92	94	105	101	99	112	116	102	105	105	98	106	98	100	106	99	100	100	98	96	94	91	88	86	83	80	78
A-WEIGHTED (LwA)	110		47	54	70	71	73	89	97	86	91	94	90	99	93	96	104	99	100	101	99	97	95	93	89	86	83	79	75

Figure 116: WD001 Dynamic Test Reverse



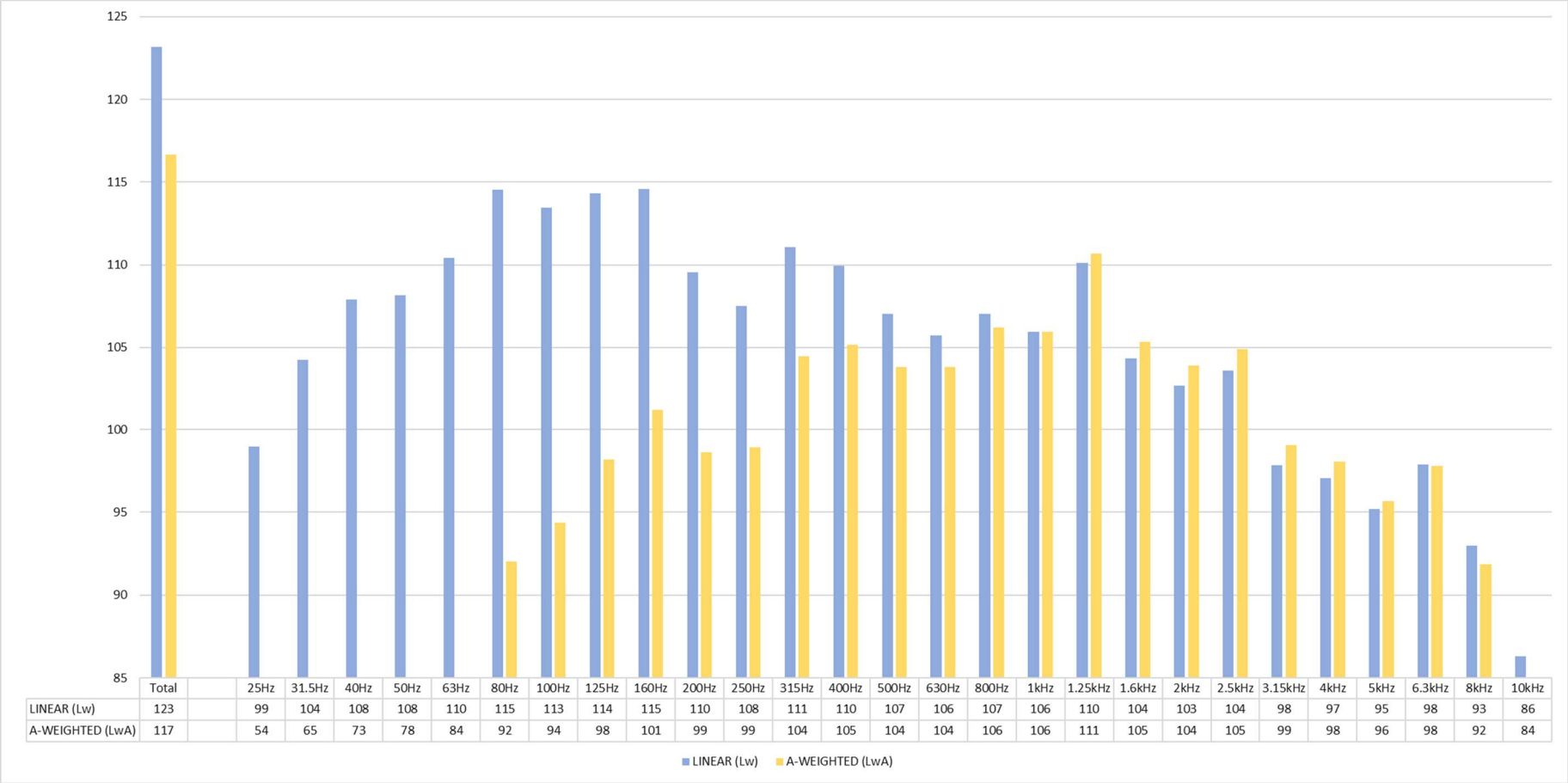
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		100	105	108	109	112	116	113	114	116	110	107	112	109	107	107	105	104	104	102	101	101	99	98	98	97	94	93
A-WEIGHTED (LwA)	115		55	65	74	79	85	93	93	98	102	99	99	105	104	104	105	104	104	105	103	103	103	100	99	99	97	93	90

Figure 117: WL188 Stationary Test



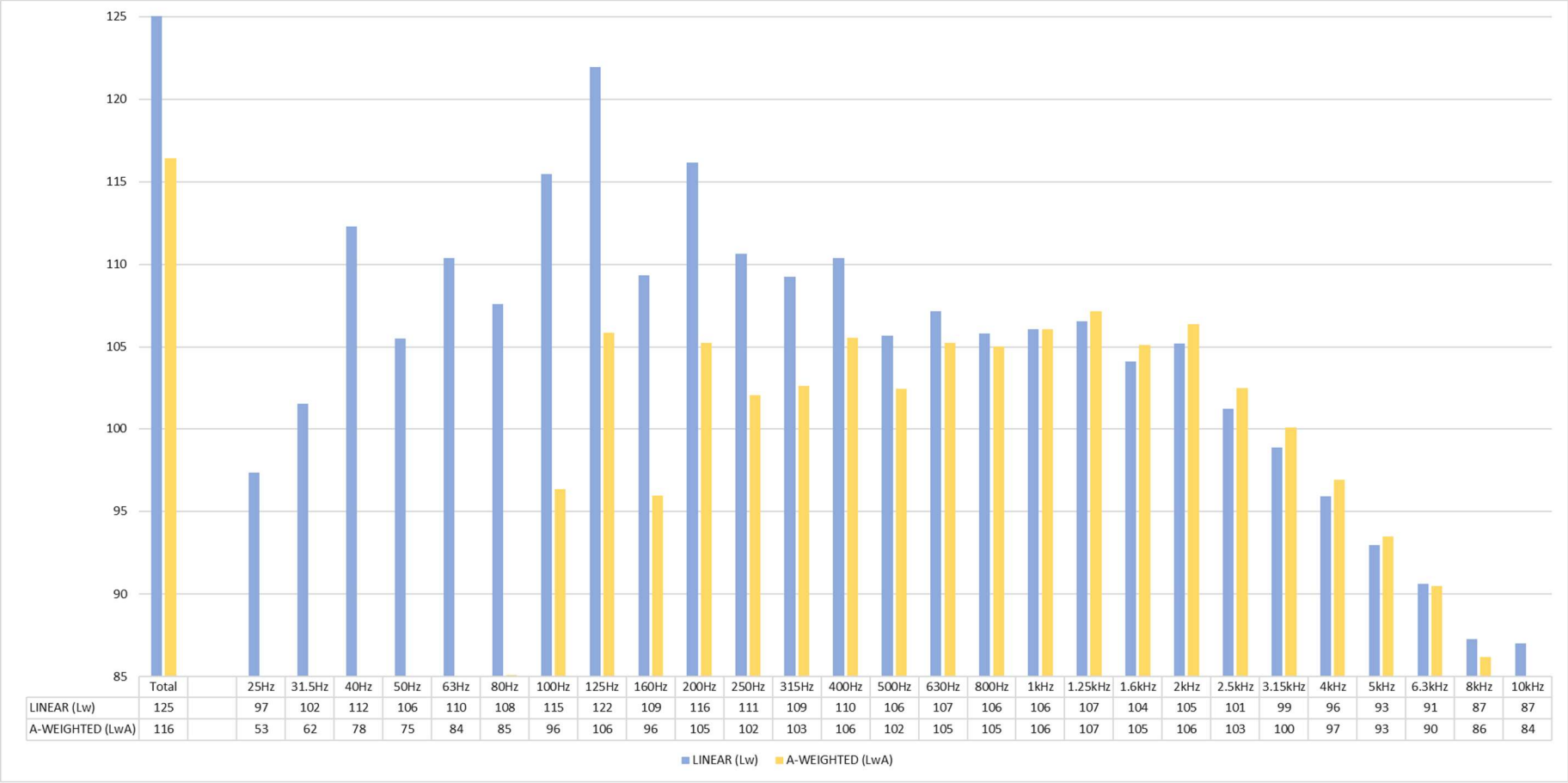
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		99	104	108	108	110	115	113	114	115	109	107	111	109	107	105	107	105	109	102	101	104	97	96	94	97	93	85
A-WEIGHTED (LwA)	116		54	65	73	78	84	92	94	98	101	98	98	104	105	103	104	106	105	110	103	102	105	98	97	95	97	92	83

Figure 118: WL188 Dynamic Test Forwards



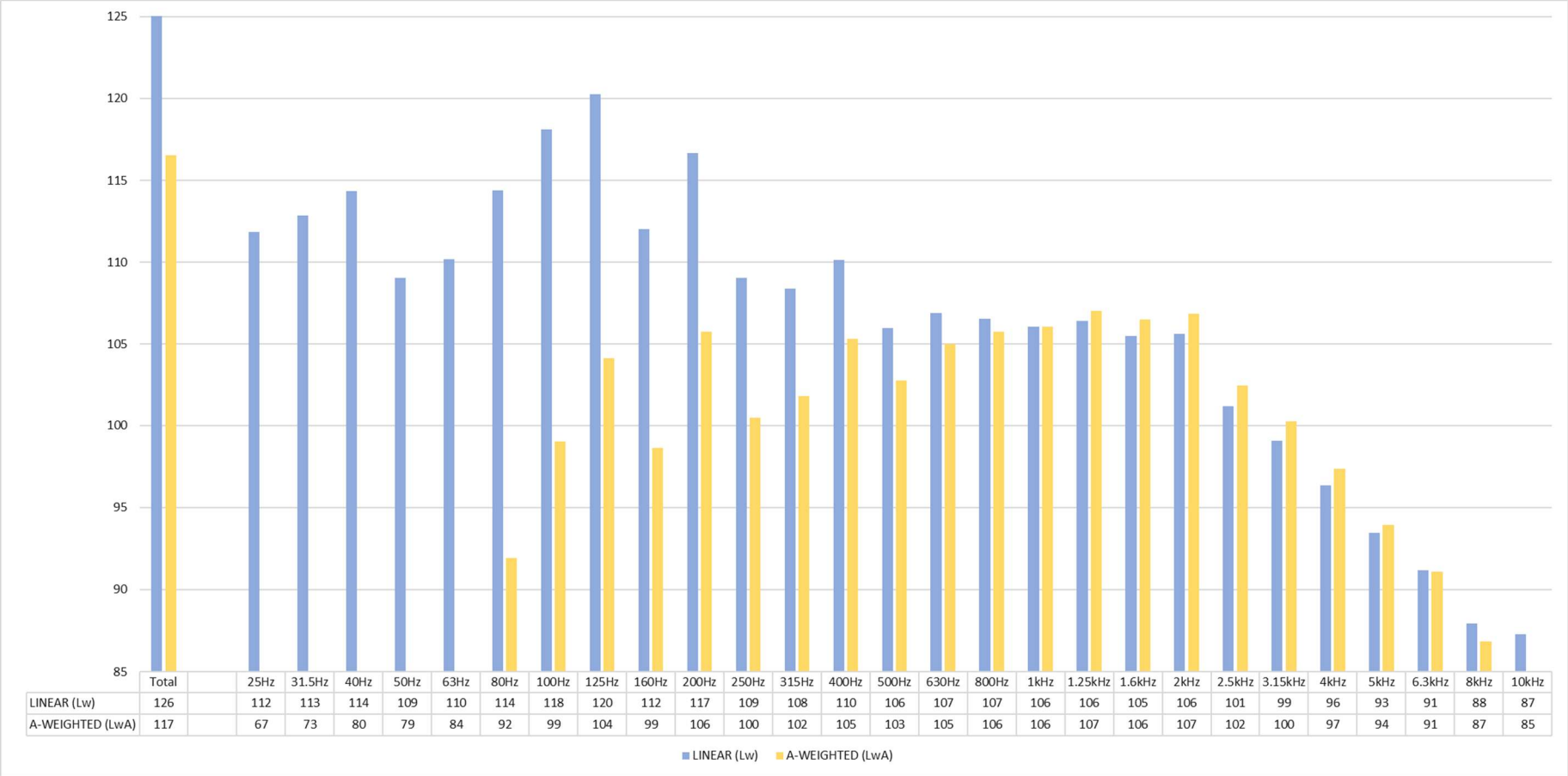
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		99	104	108	108	110	115	113	114	115	110	108	111	110	107	106	107	106	110	104	103	104	98	97	95	98	93	86
A-WEIGHTED (LwA)	117		54	65	73	78	84	92	94	98	101	99	99	104	105	104	104	106	106	111	105	104	105	99	98	96	98	92	84

Figure 119: WL188 Dynamic Test Reverse



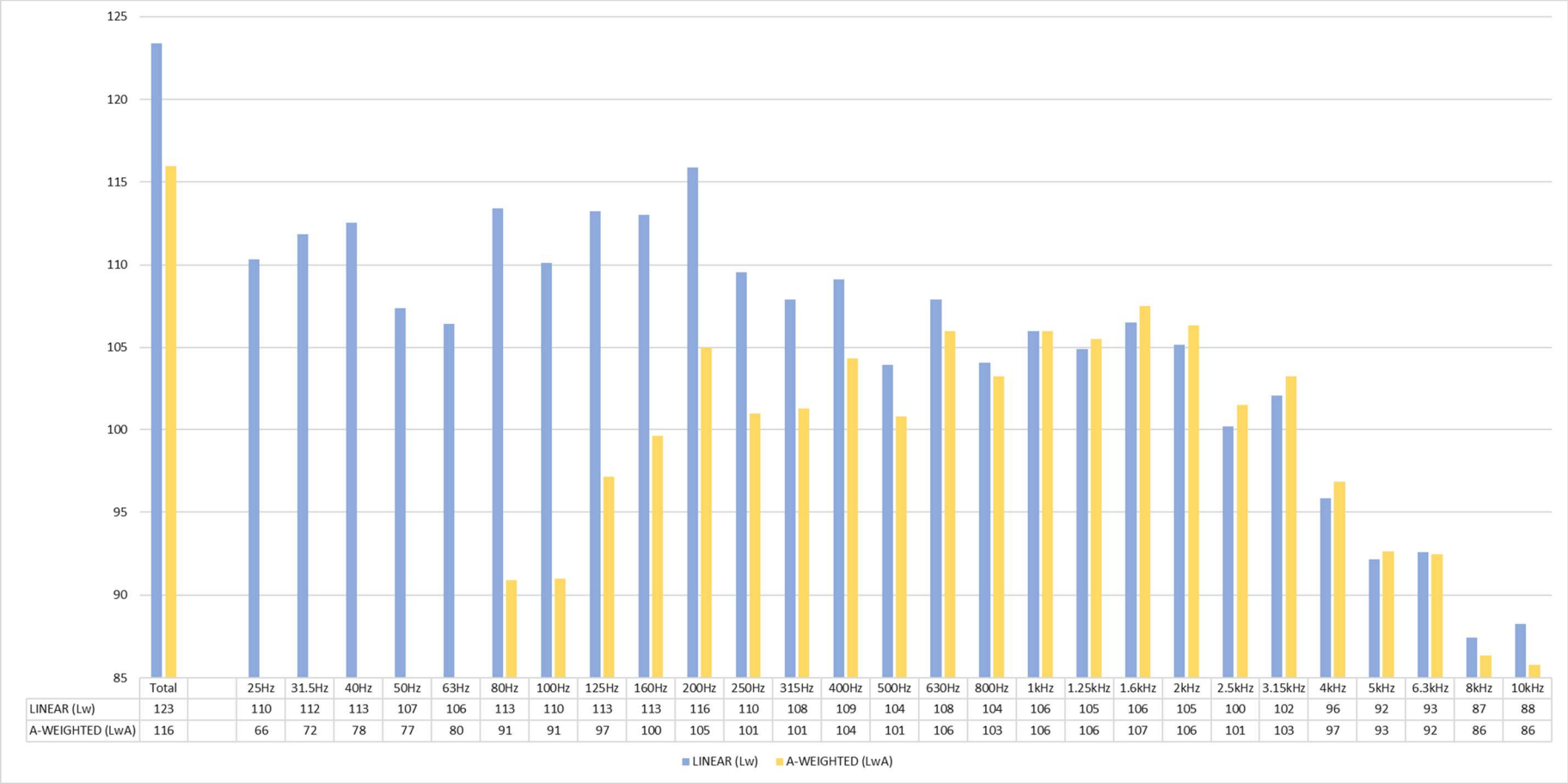
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		97	102	112	106	110	108	115	122	109	116	111	109	110	106	107	106	106	107	104	105	101	99	96	93	91	87	87
A-WEIGHTED (LwA)	116		53	62	78	75	84	85	96	106	96	105	102	103	106	102	105	105	106	107	105	106	103	100	97	93	90	86	84

Figure 120: TK828 Stationary Test



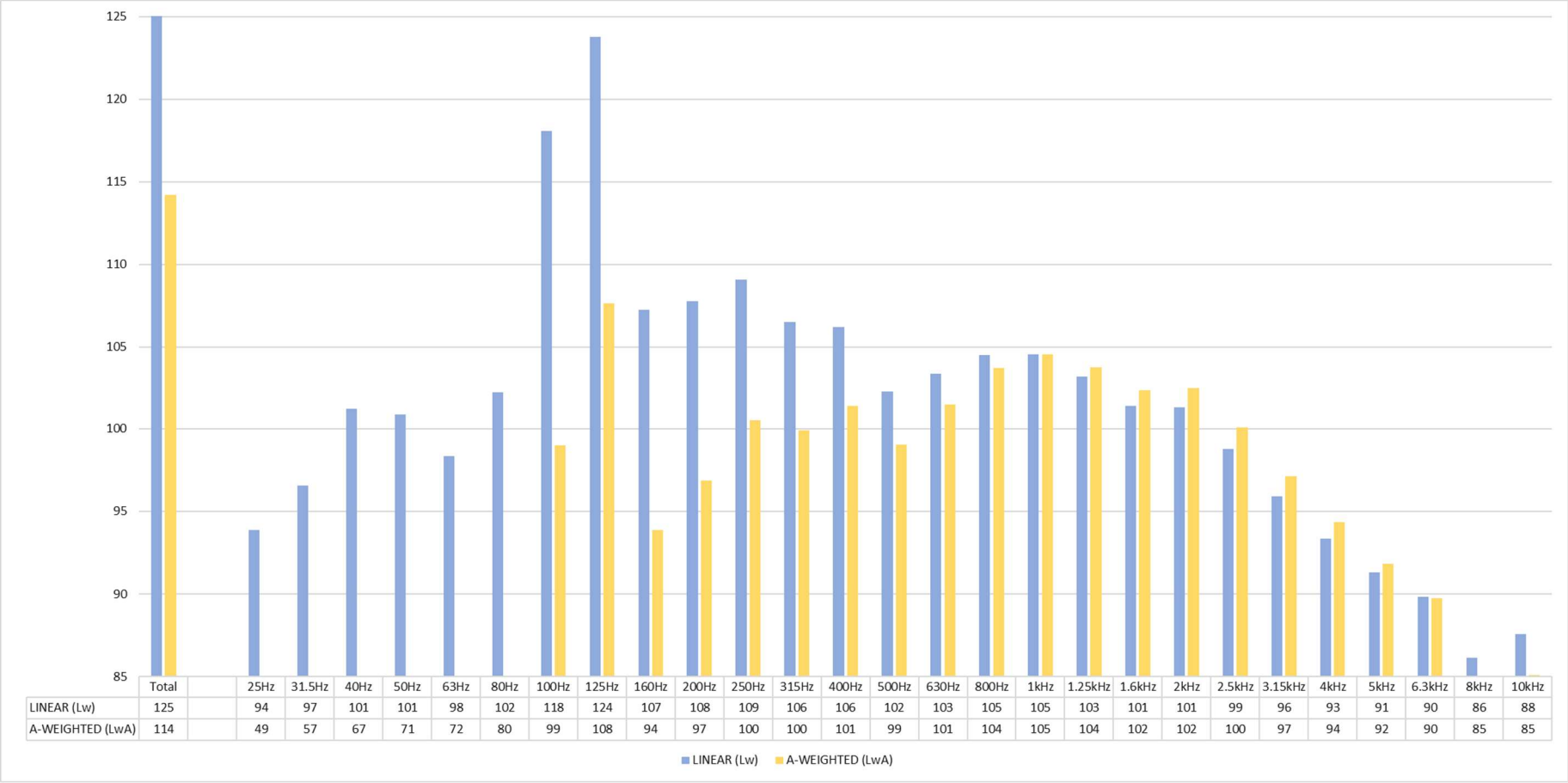
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126	112	113	114	109	110	114	118	120	112	117	109	108	110	106	107	107	106	106	105	106	101	99	96	93	91	88	87
A-WEIGHTED (LwA)	117	67	73	80	79	84	92	99	104	99	106	100	102	105	103	105	106	106	107	106	107	102	100	97	94	91	87	85

Figure 121: TK828 Dynamic Test Uphill



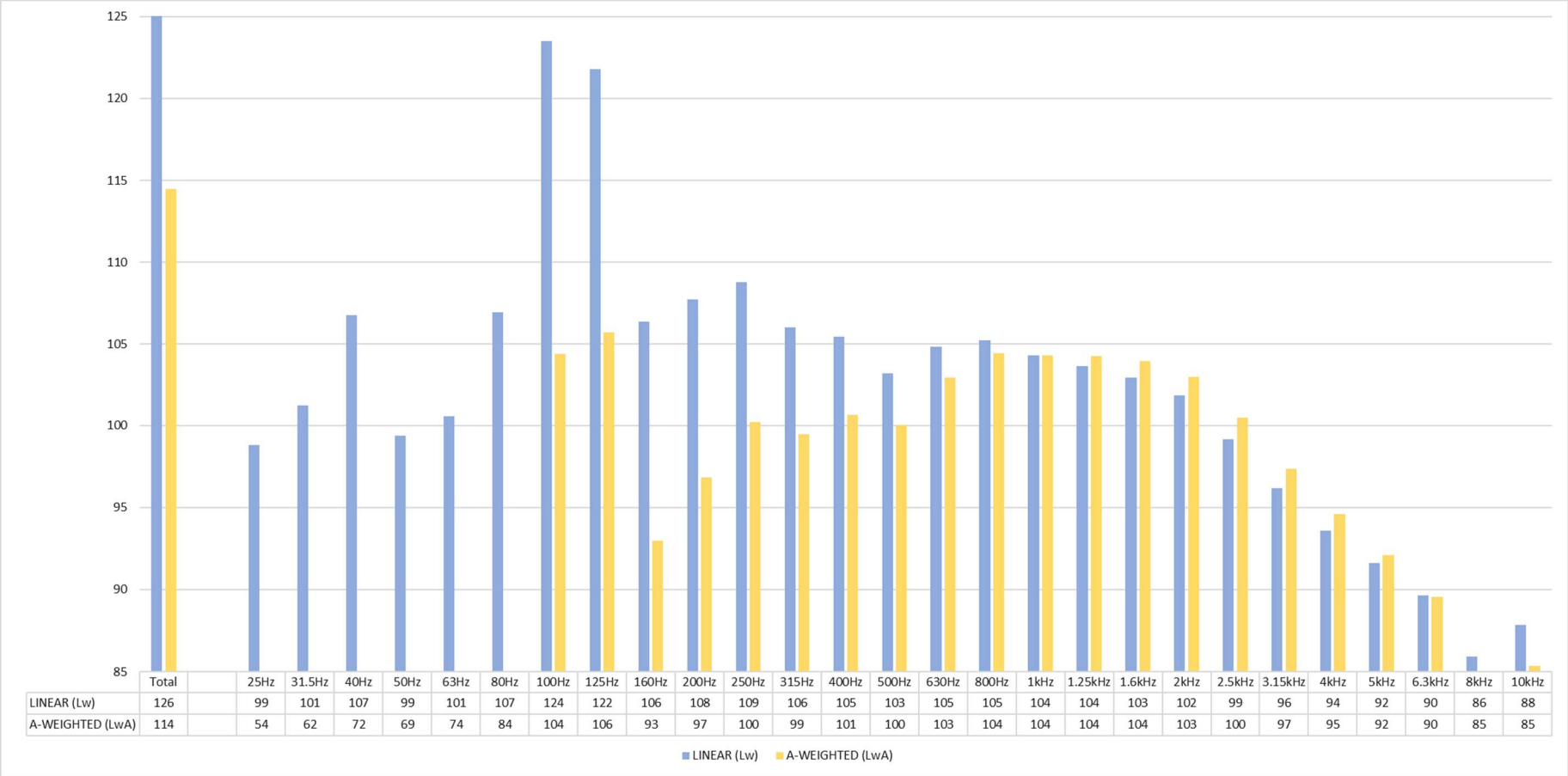
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		110	112	113	107	106	113	110	113	113	116	110	108	109	104	108	104	106	105	106	105	100	102	96	92	93	87	88
A-WEIGHTED (LwA)	116		66	72	78	77	80	91	91	97	100	105	101	101	104	101	106	103	106	106	107	106	101	103	97	93	92	86	86

Figure 122: TK828 Dynamic Test Downhill



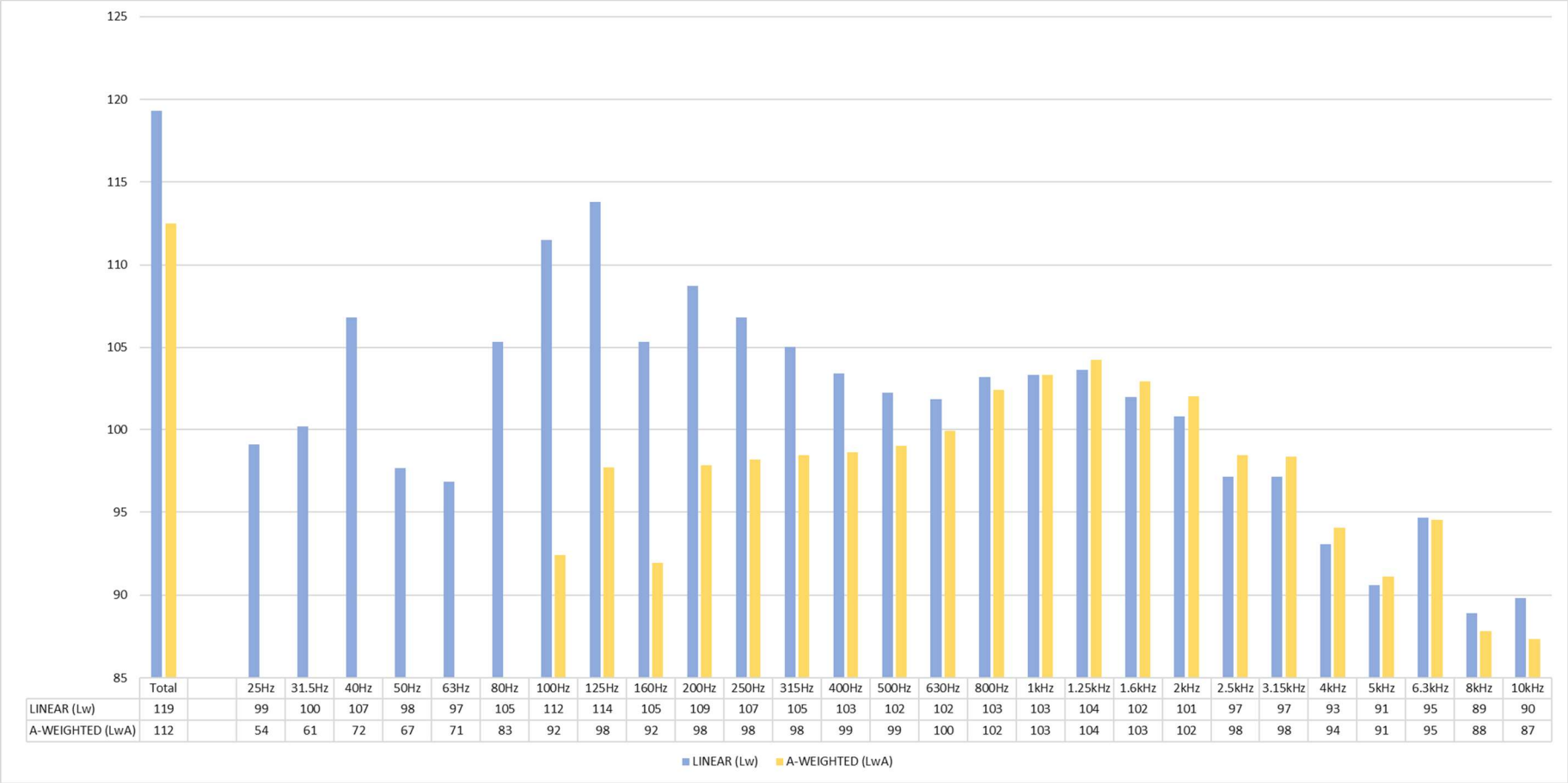
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	125		94	97	101	101	98	102	118	124	107	108	109	106	106	102	103	105	105	103	101	101	99	96	93	91	90	86	88
A-WEIGHTED (LwA)	114		49	57	67	71	72	80	99	108	94	97	100	100	101	99	101	104	105	104	102	102	100	97	94	92	90	85	85

Figure 123: TK829 Stationary Test



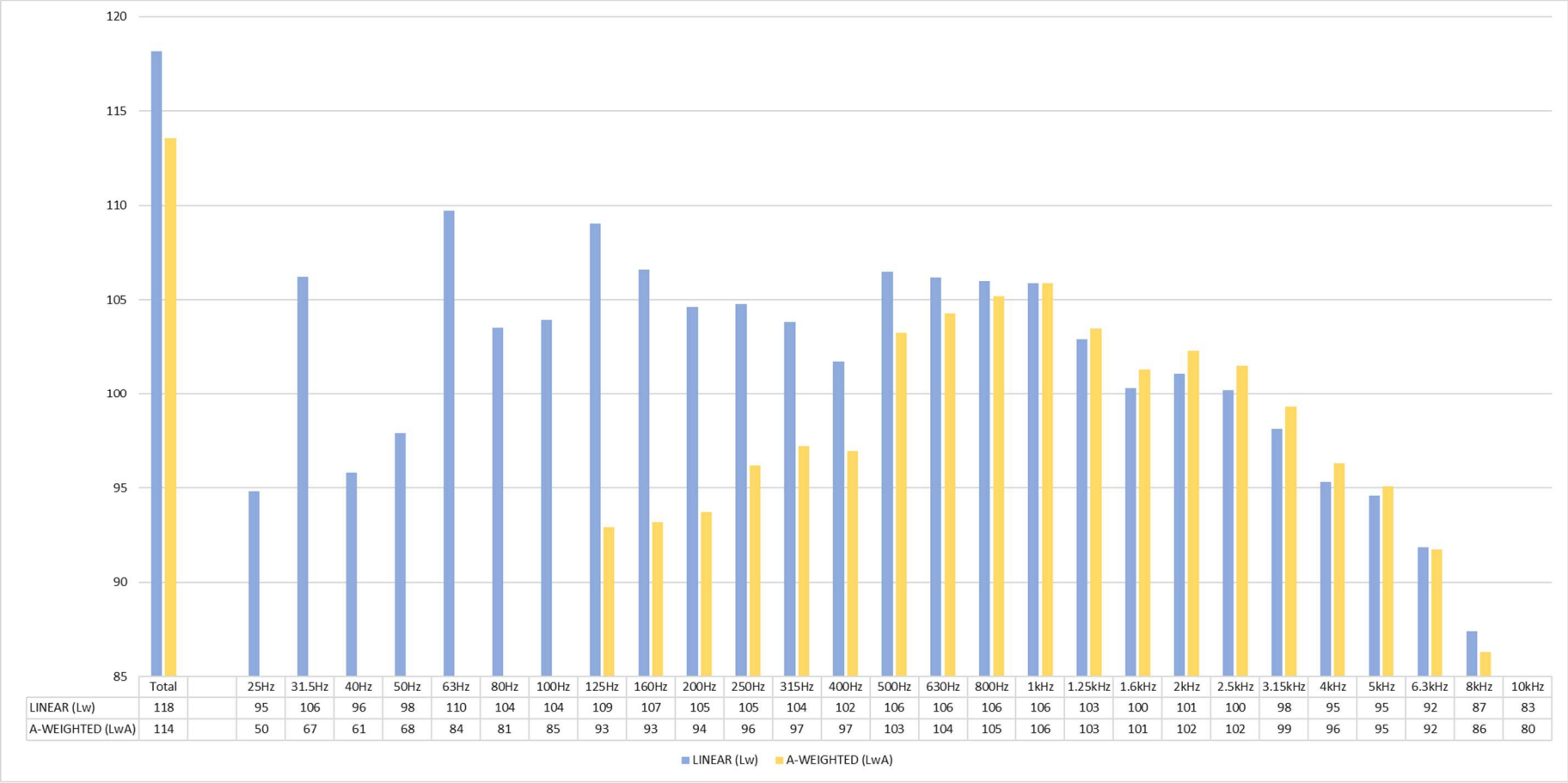
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	126	99	101	107	99	101	107	124	122	106	108	109	106	105	103	105	105	104	104	103	102	99	96	94	92	90	86	88
A-WEIGHTED (LwA)	114	54	62	72	69	74	84	104	106	93	97	100	99	101	100	103	104	104	104	104	103	100	97	95	92	90	85	85

Figure 124: TK829 Dynamic Test Uphill



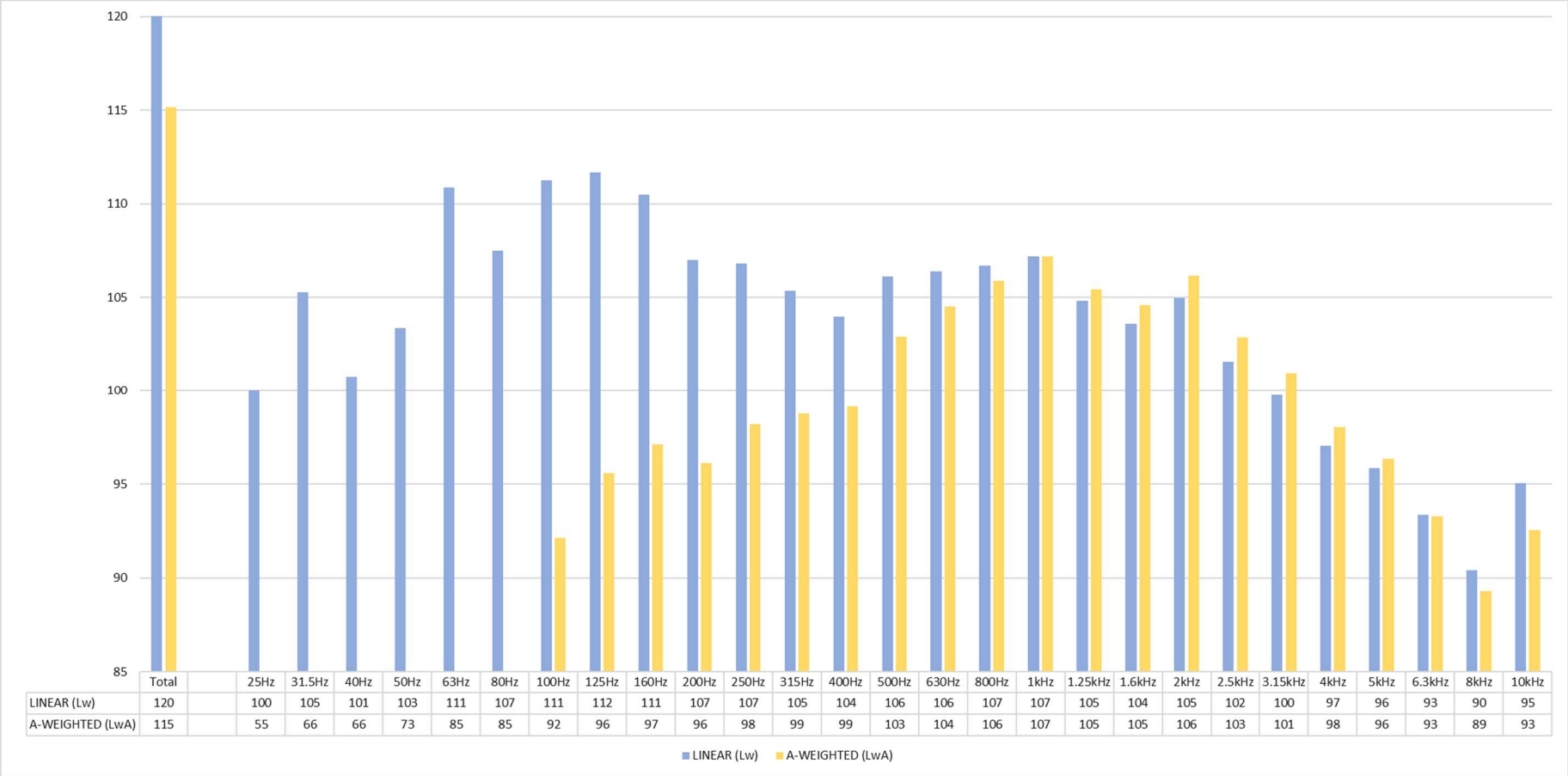
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		99	100	107	98	97	105	112	114	105	109	107	105	103	102	102	103	103	104	102	101	97	97	93	91	95	89	90
A-WEIGHTED (LwA)	112		54	61	72	67	71	83	92	98	92	98	98	98	99	99	100	102	103	104	103	102	98	98	94	91	95	88	87

Figure 125: TK829 Dynamic Test Downhill



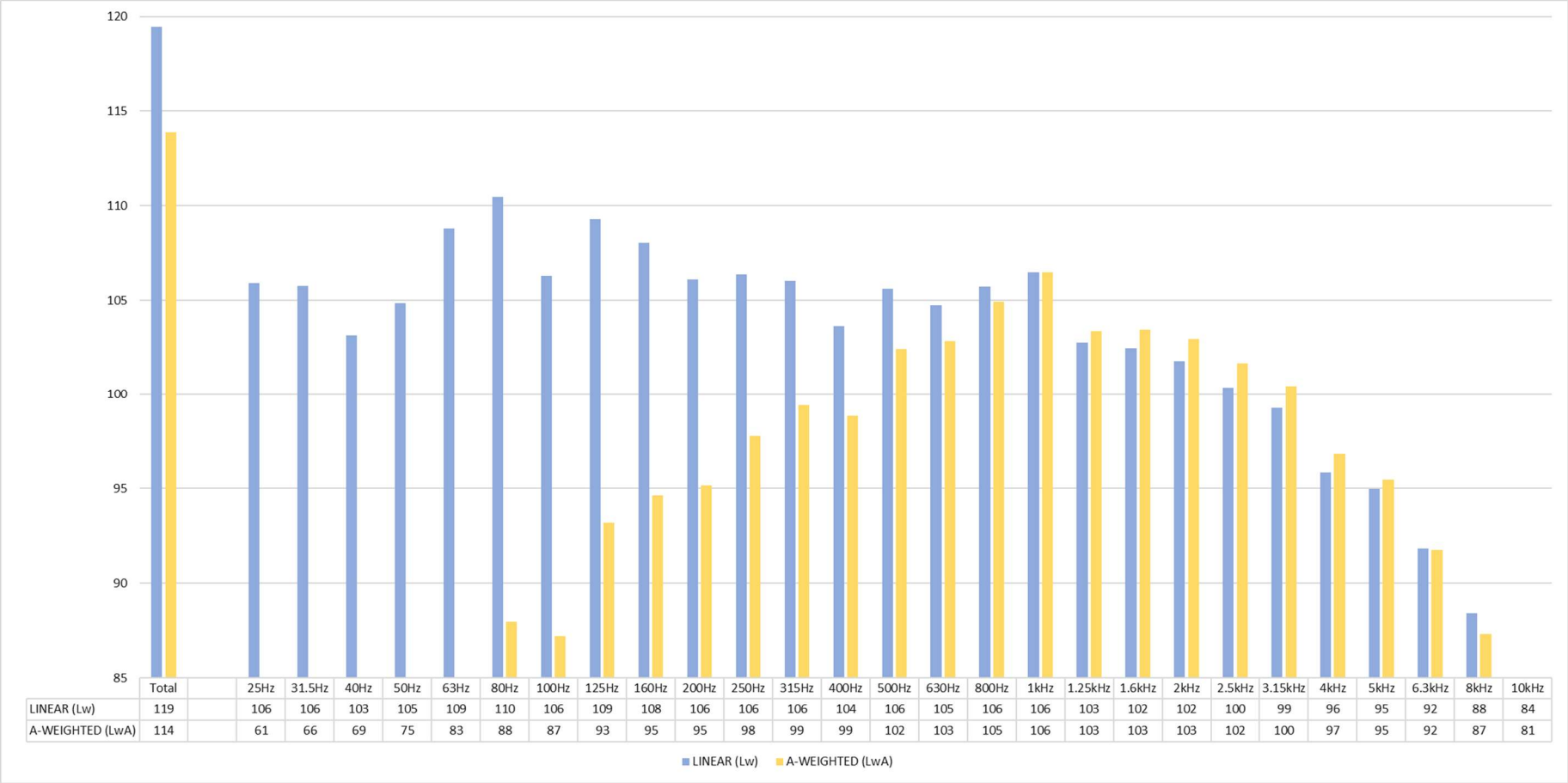
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		95	106	96	98	110	104	104	109	107	105	105	104	102	106	106	106	106	103	100	101	100	98	95	95	92	87	83
A-WEIGHTED (LwA)	114		50	67	61	68	84	81	85	93	93	94	96	97	97	103	104	105	106	103	101	102	102	99	96	95	92	86	80

Figure 126: WC045 Stationary Test



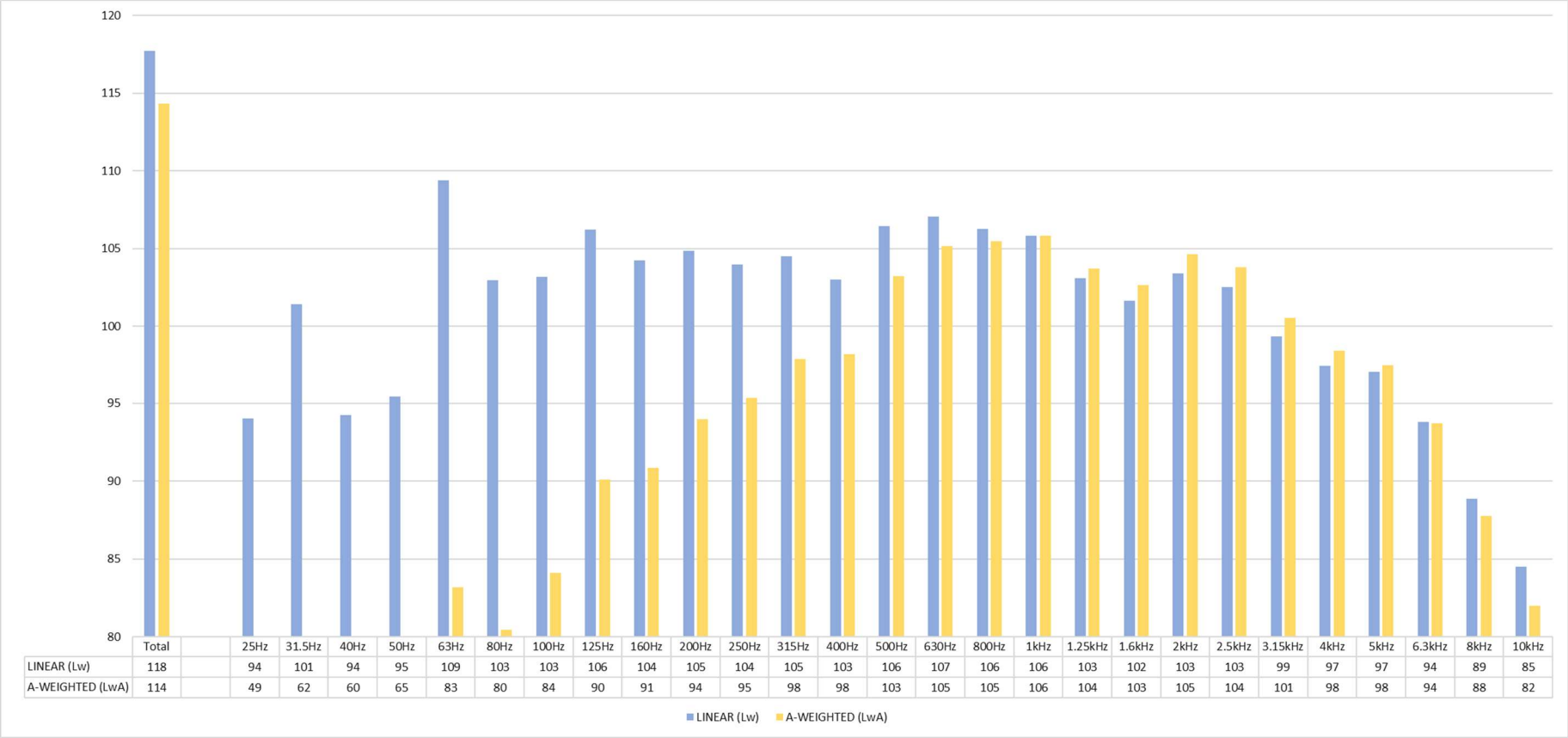
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		100	105	101	103	111	107	111	112	111	107	107	105	104	106	106	107	107	105	104	105	102	100	97	96	93	90	95
A-WEIGHTED (LwA)	115		55	66	66	73	85	85	92	96	97	96	98	99	99	103	104	106	107	105	105	106	103	101	98	96	93	89	93

Figure 127: WC045 Dynamic Test Uphill



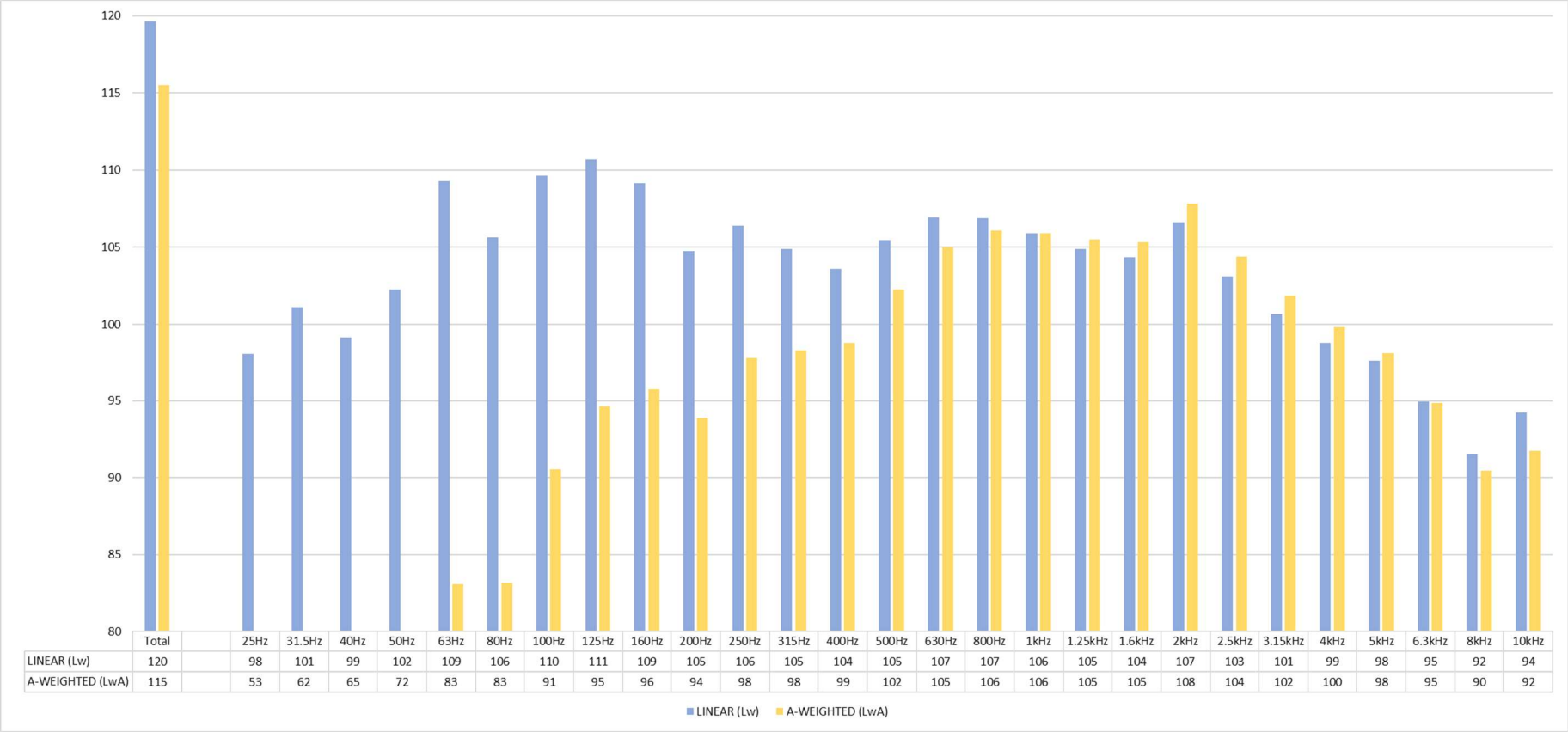
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		106	106	103	105	109	110	106	109	108	106	106	106	104	106	105	106	106	103	102	102	100	99	96	95	92	88	84
A-WEIGHTED (LwA)	114		61	66	69	75	83	88	87	93	95	95	98	99	99	102	103	105	106	103	103	103	102	100	97	95	92	87	81

Figure 128: WC045 Dynamic Test Downhill



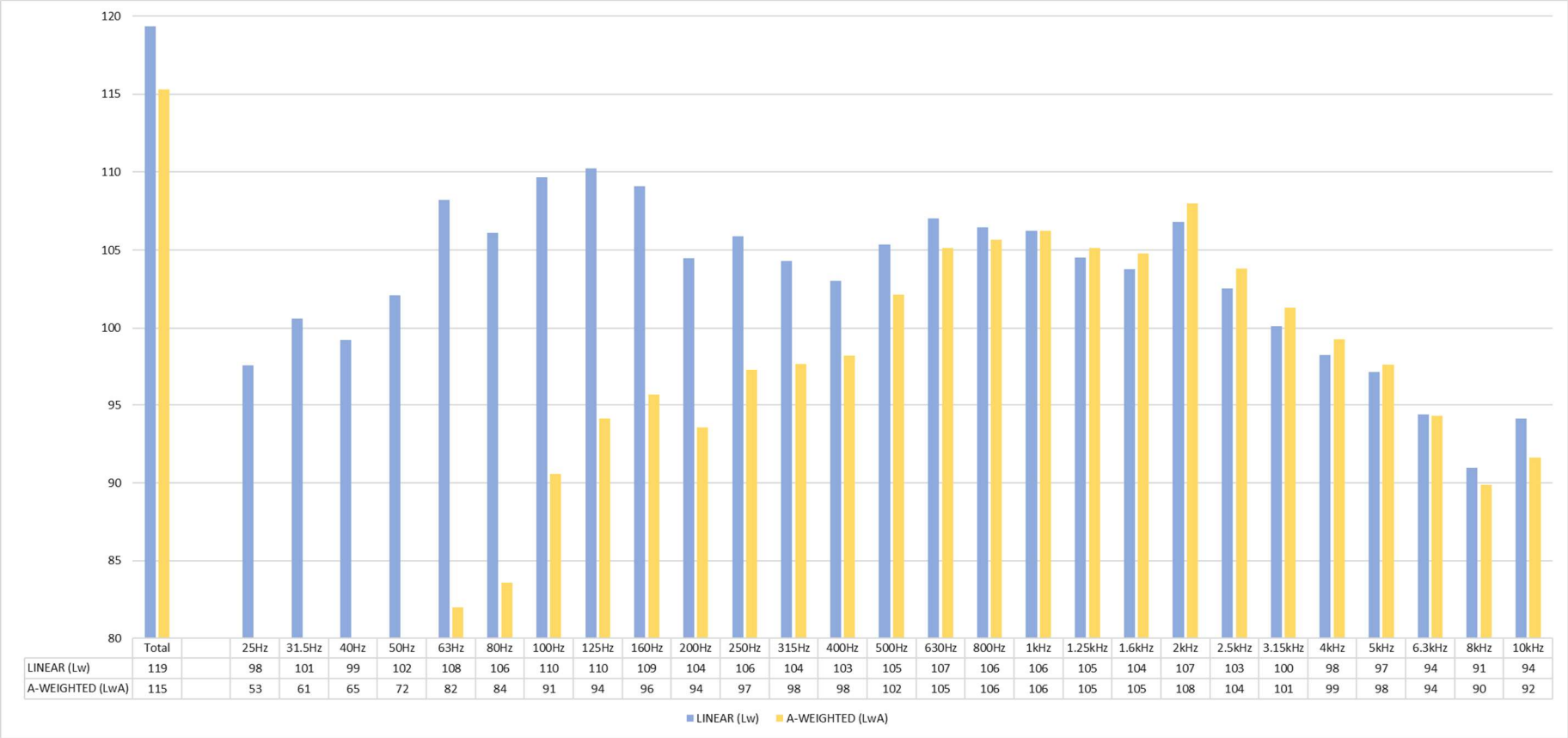
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	118		94	101	94	95	109	103	103	106	104	105	104	105	103	106	107	106	106	103	102	103	103	99	97	97	94	89	85
A-WEIGHTED (LwA)	114		49	62	60	65	83	80	84	90	91	94	95	98	98	103	105	105	106	104	103	105	104	101	98	98	94	88	82

Figure 129: WC046 Stationary Test



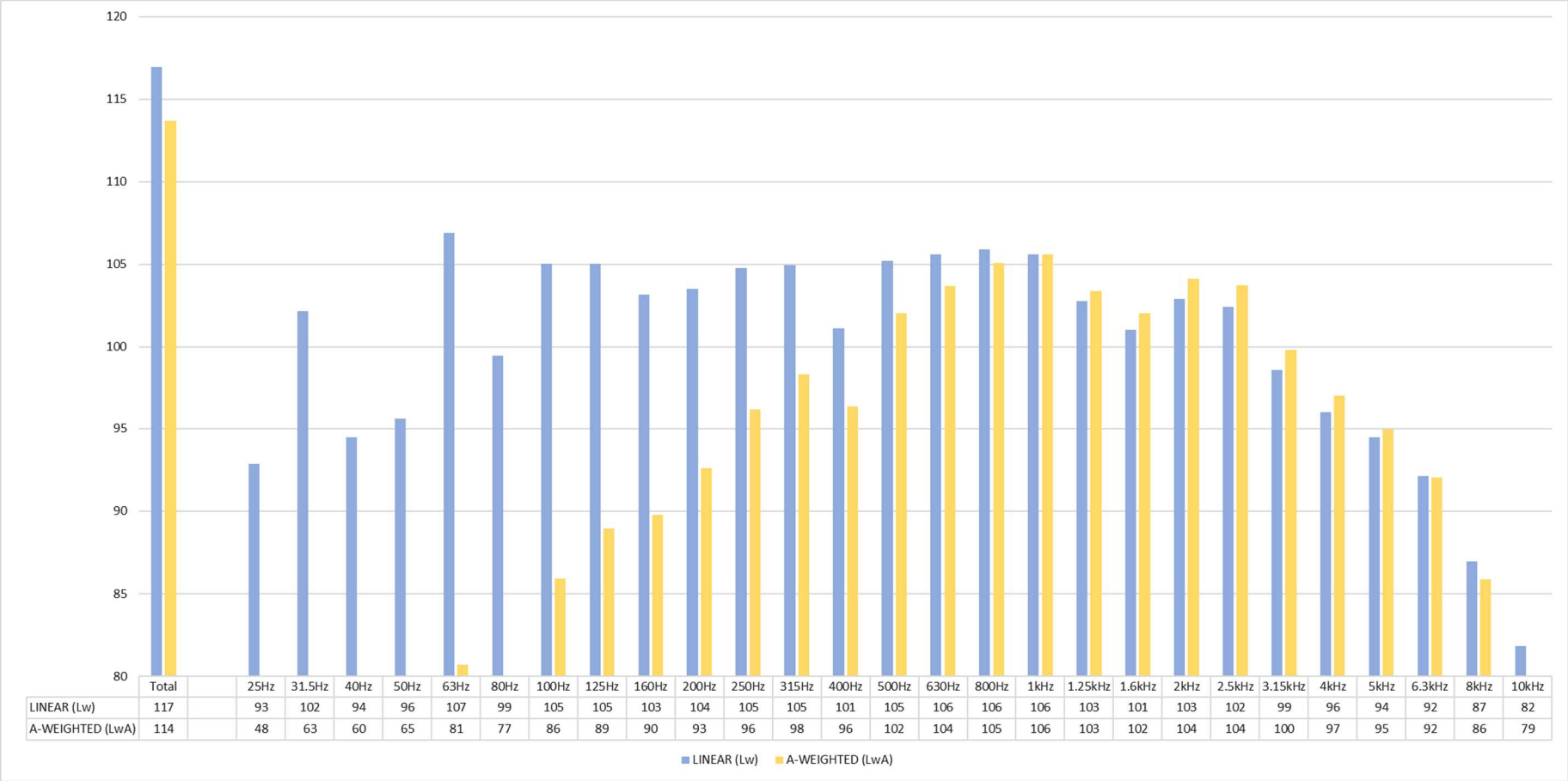
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		98	101	99	102	109	106	110	111	109	105	106	105	104	105	107	107	106	105	104	107	103	101	99	98	95	92	94
A-WEIGHTED (LwA)	115		53	62	65	72	83	83	91	95	96	94	98	98	99	102	105	106	106	105	105	108	104	102	100	98	95	90	92

Figure 130: WC046 Dynamic Test Uphill



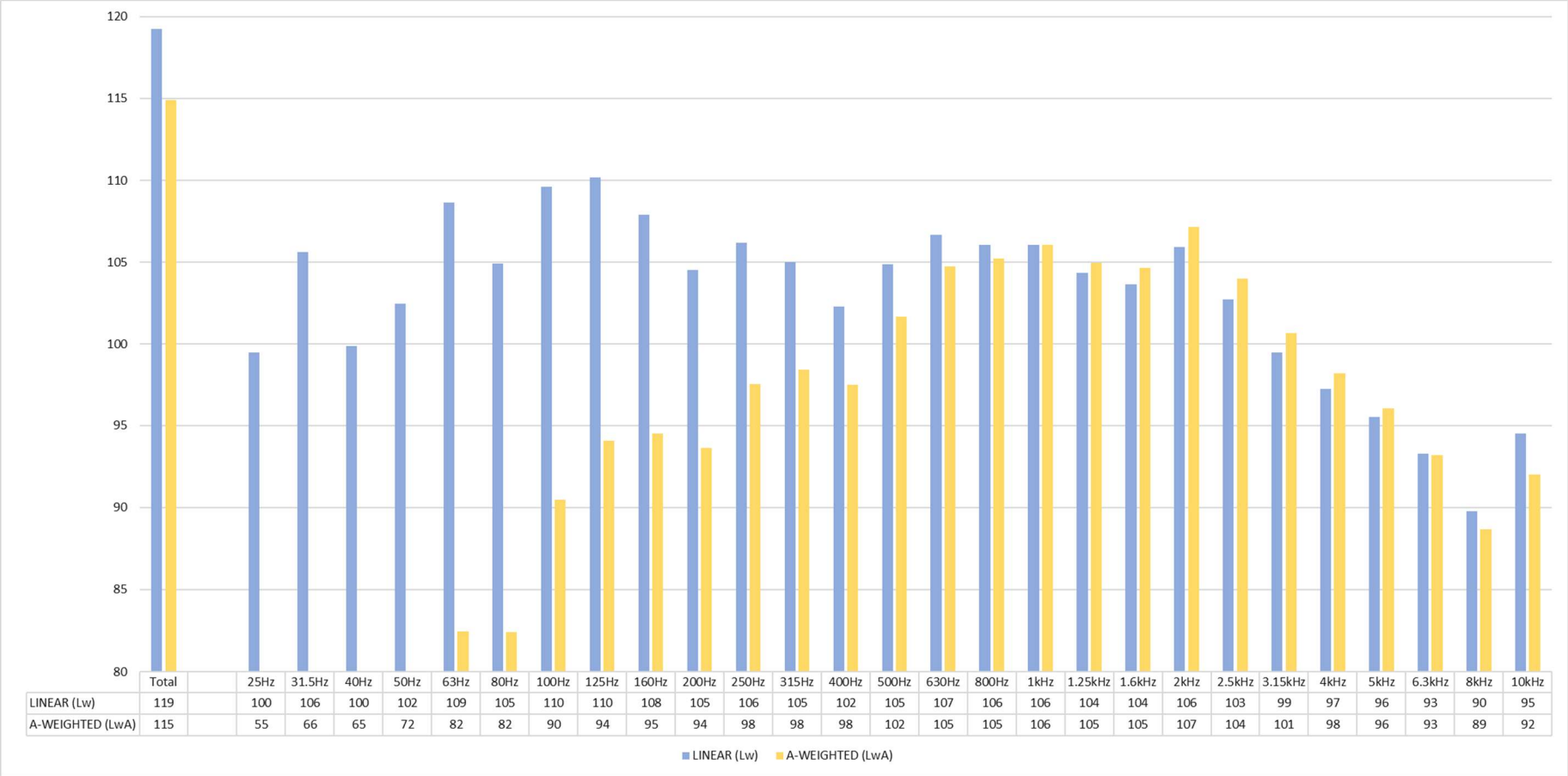
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		98	101	99	102	108	106	110	110	109	104	106	104	103	105	107	106	106	105	104	107	103	100	98	97	94	91	94
A-WEIGHTED (LwA)	115		53	61	65	72	82	84	91	94	96	94	97	98	98	102	105	106	106	105	105	108	104	101	99	98	94	90	92

Figure 131: WC046 Dynamic Test Downhill



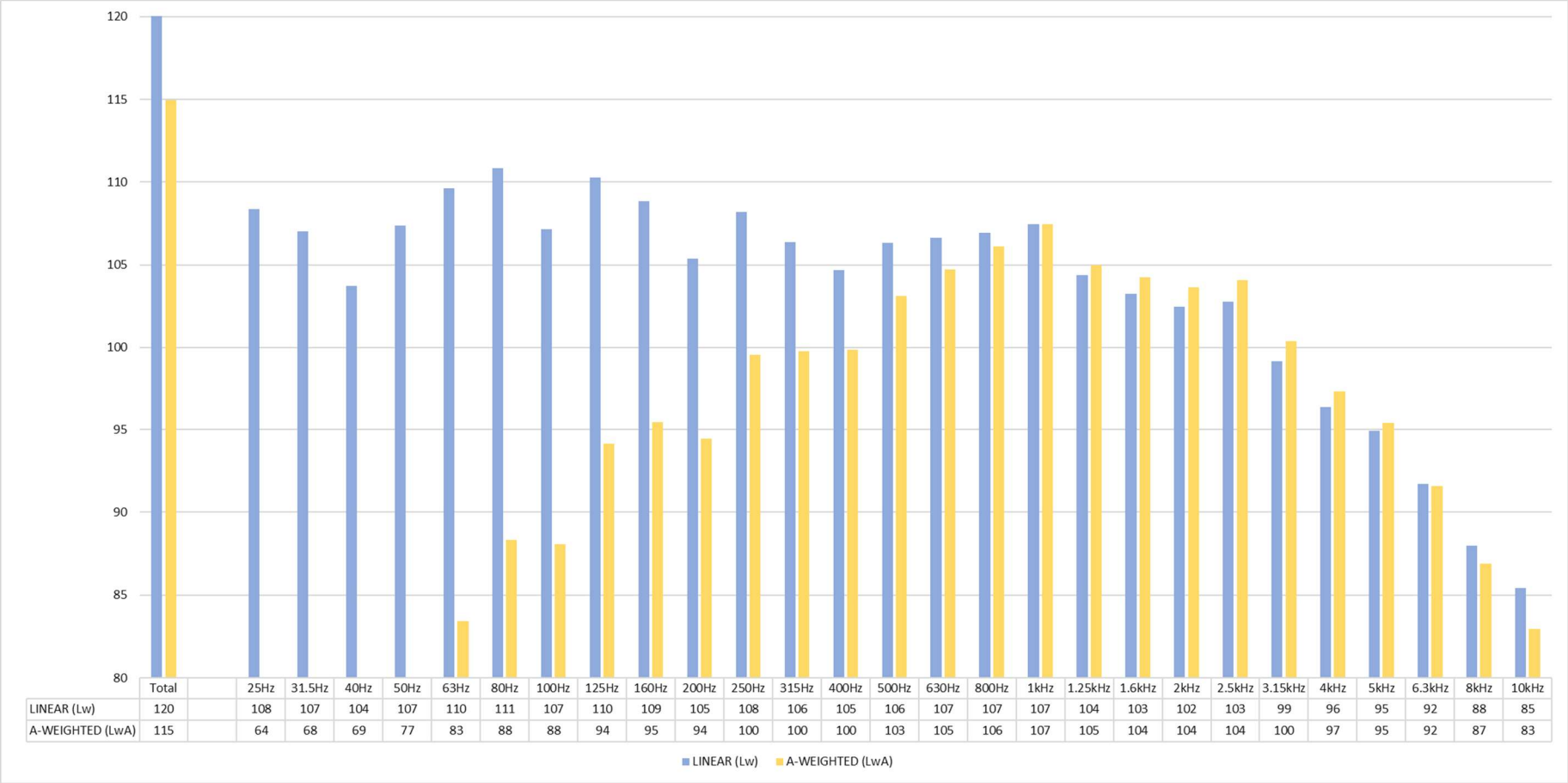
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	117		93	102	94	96	107	99	105	105	103	104	105	105	101	105	106	106	106	103	101	103	102	99	96	94	92	87	82
A-WEIGHTED (LwA)	114		48	63	60	65	81	77	86	89	90	93	96	98	96	102	104	105	106	103	102	104	104	100	97	95	92	86	79

Figure 132: WC047 Stationary Test



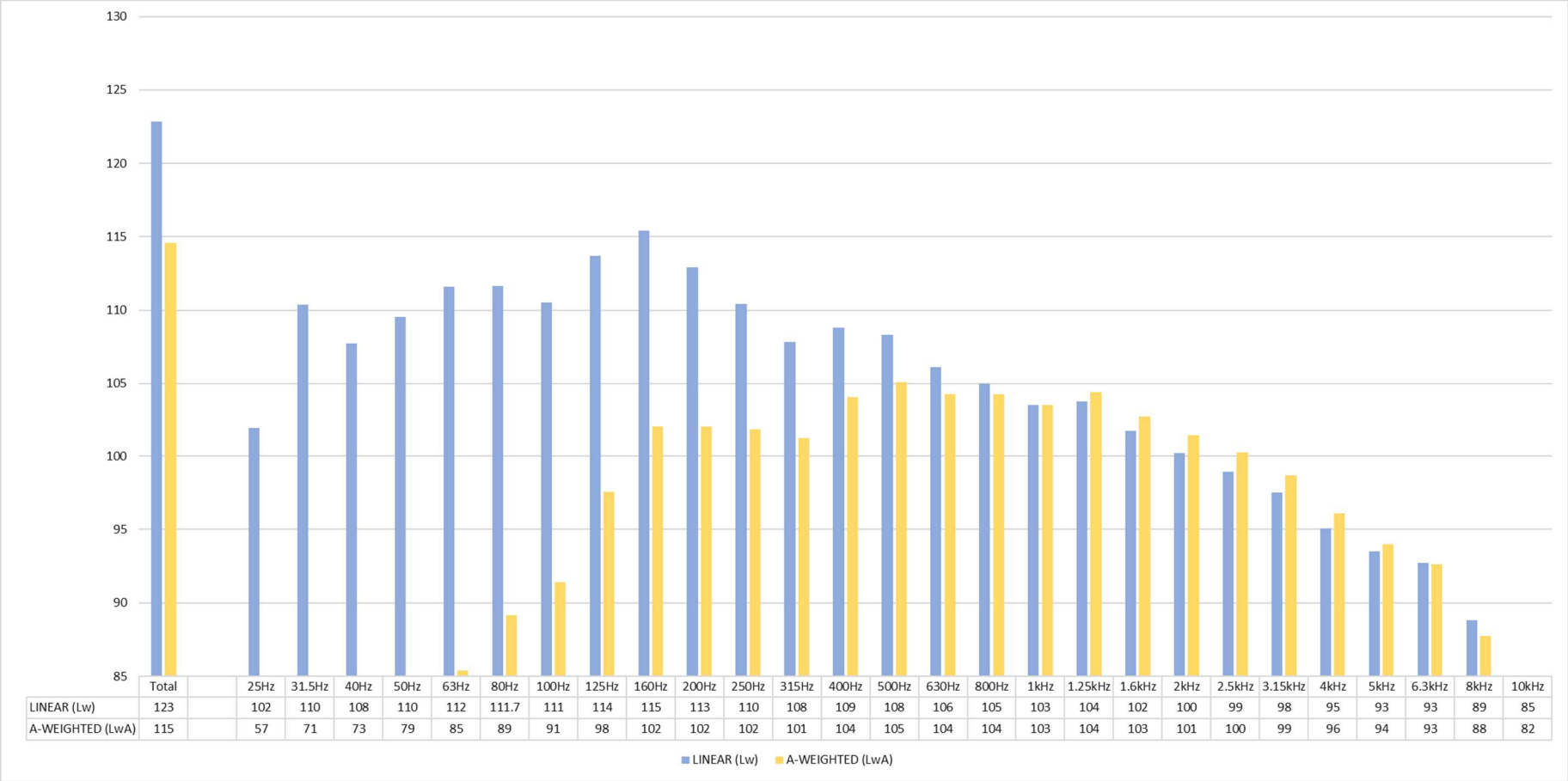
	Total	25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119	100	106	100	102	109	105	110	110	108	105	106	105	102	105	107	106	106	104	104	106	103	99	97	96	93	90	95
A-WEIGHTED (LwA)	115	55	66	65	72	82	82	90	94	95	94	98	98	98	102	105	105	106	105	105	107	104	101	98	96	93	89	92

Figure 133: WC047 Dynamic Test Uphill



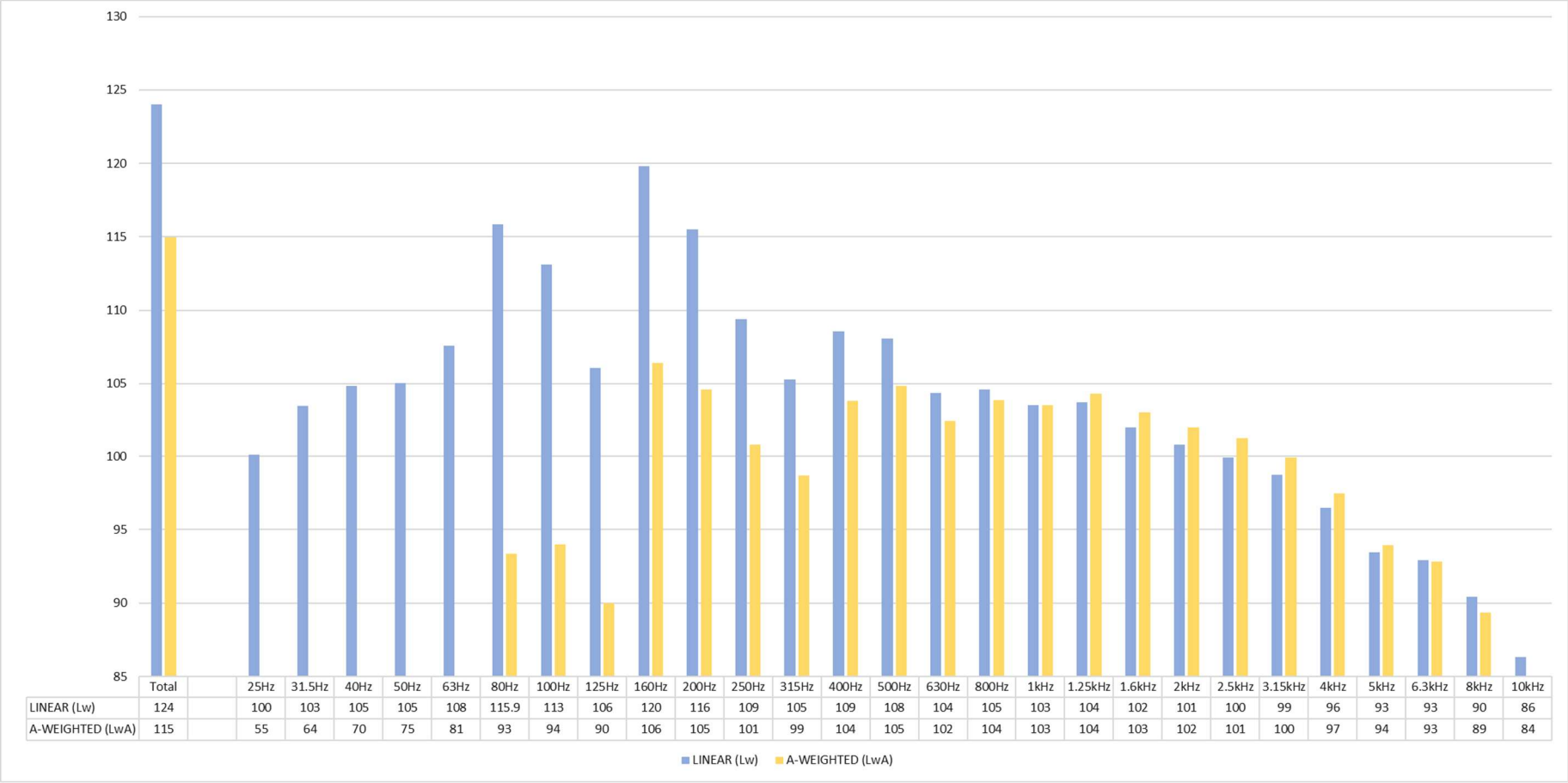
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	120		108	107	104	107	110	111	107	110	109	105	108	106	105	106	107	107	107	104	103	102	103	99	96	95	92	88	85
A-WEIGHTED (LwA)	115		64	68	69	77	83	88	88	94	95	94	100	100	100	103	105	106	107	105	104	104	104	100	97	95	92	87	83

Figure 134: WC047 Dynamic Test Downhill



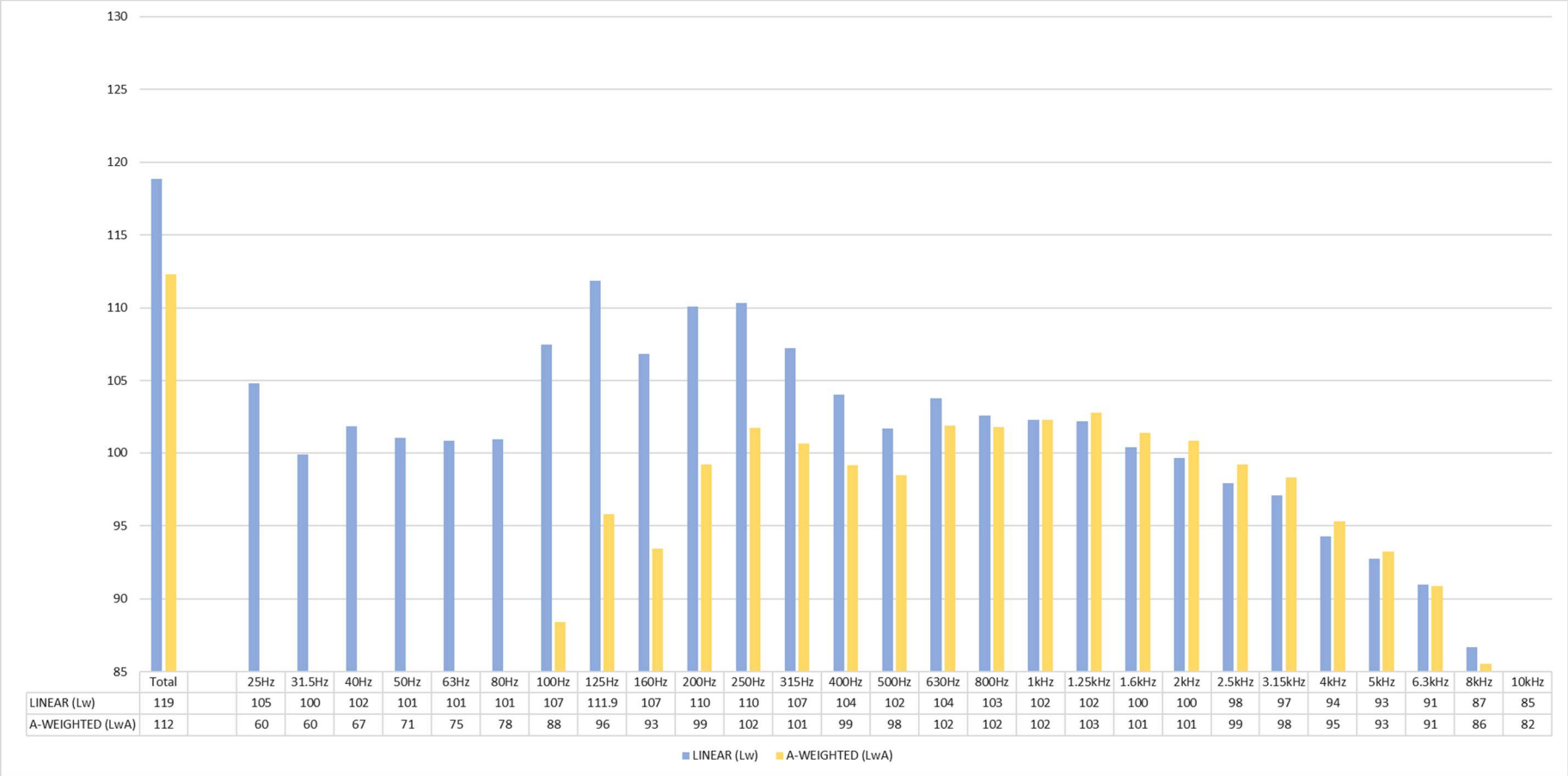
	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	123		102	110	108	110	112	111.7	111	114	115	113	110	108	109	108	106	105	103	104	102	100	99	98	95	93	93	89	85
A-WEIGHTED (LwA)	115		57	71	73	79	85	89	91	98	102	102	102	101	104	105	104	104	103	104	103	101	100	99	96	94	93	88	82

Figure 135: WC029 Stationary Test



	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	124		100	103	105	105	108	115.9	113	106	120	116	109	105	109	108	104	105	103	104	102	101	100	99	96	93	93	90	86
A-WEIGHTED (LwA)	115		55	64	70	75	81	93	94	90	106	105	101	99	104	105	102	104	103	104	103	102	101	100	97	94	93	89	84

Figure 136: WC029 Dynamic Test Uphill



	Total		25Hz	31.5Hz	40Hz	50Hz	63Hz	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz
LINEAR (Lw)	119		105	100	102	101	101	101	107	111.9	107	110	110	107	104	102	104	103	102	102	100	100	98	97	94	93	91	87	85
A-WEIGHTED (LwA)	112		60	60	67	71	75	78	88	96	93	99	102	101	99	98	102	102	102	103	101	101	99	98	95	93	91	86	82

Figure 137: WC029 Dynamic Test Downhill