Calibration Certificate

Certificate Number 2020000570

Customer:

Algoritmos SPA
Av Seminario 180
Santiago, , Chile

Model Number	LxT2		***Procedure Number***	D0001.8378	
Serial Number	0005324		***Technician***	Ron Harris	
Test Results	**Pass**		***Calibration Date***	13 Jan 2020	
Initial Condition	As Manufactured		***Calibration Due***	13 Jan 2022	
Description	SoundTrack LxT Class 2 Class 2 Sound Level Meter Firmware Revision: 2.402		***Temperature***	23.67 °C	± 0.25 °C
			Humidity	51.9 %RH	± 2.0 %RH
			Static Pressure	85.98 kPa	± 0.13 kPa

Evaluation Method Tested electrically using Larson Davis PRMLxT2B S/N 056123 and an 18.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 35.5 mV/Pa.

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8384:

IEC 60651:2001 Type 2	ANSI S1.4-2014 Class 2
IEC 60804:2000 Type 2	ANSI S1.4 (R2006) Type 2
IEC 61252:2002	ANSI S1.25 (R2007)
IEC 61672:2013 Class 2	ANSI S1.43 (R2007) Type 2
IEC 61260:2001 Class 2	ANSI S1.11 (R2009) Class 2

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

Correction data from Larson Davis LxT Manual for SoundTrack LxT & SoundExpert Lxt, I770.01 Rev O Supporting Firmware Version 4.0.5, 2019-09-10

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 µPa

Periodic tests were performed in accordance with precedures from IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part3.

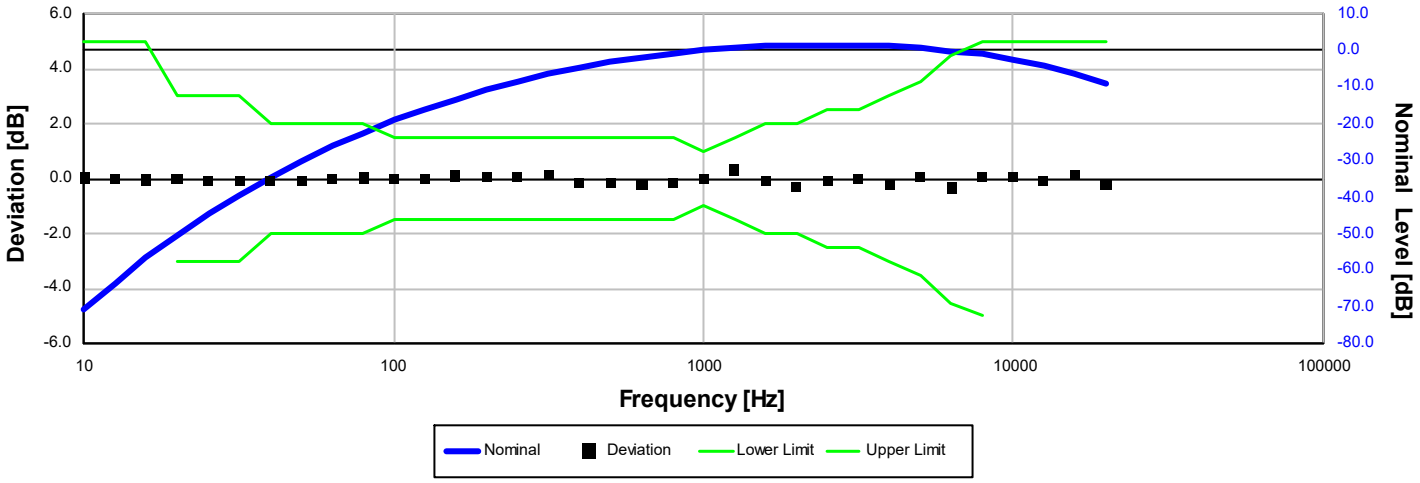
No Pattern approval for IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 available.

The sound level meter submitted for testing successfully completed the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3, for the environmental conditions under which the tests were performed. However, no general statement or conclusion can be made about conformance of the sound level meter to the full specifications of IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 because (a) evidence was not publicly available, from an independent testing organization responsible for pattern approvals, to demonstrate that the model of sound level meter fully conformed to the class 2 specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 or correction data for acoustical test of frequency weighting were not provided in the Instruction Manual and (b) because the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3 cover only a limited subset of the specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
SRS DS360 Ultra Low Distortion Generator	2019-06-14	2020-06-14	006311
Hart Scientific 2626-S Humidity/Temperature Sensor	2019-07-18	2020-07-18	006946

A-weight Filter Response

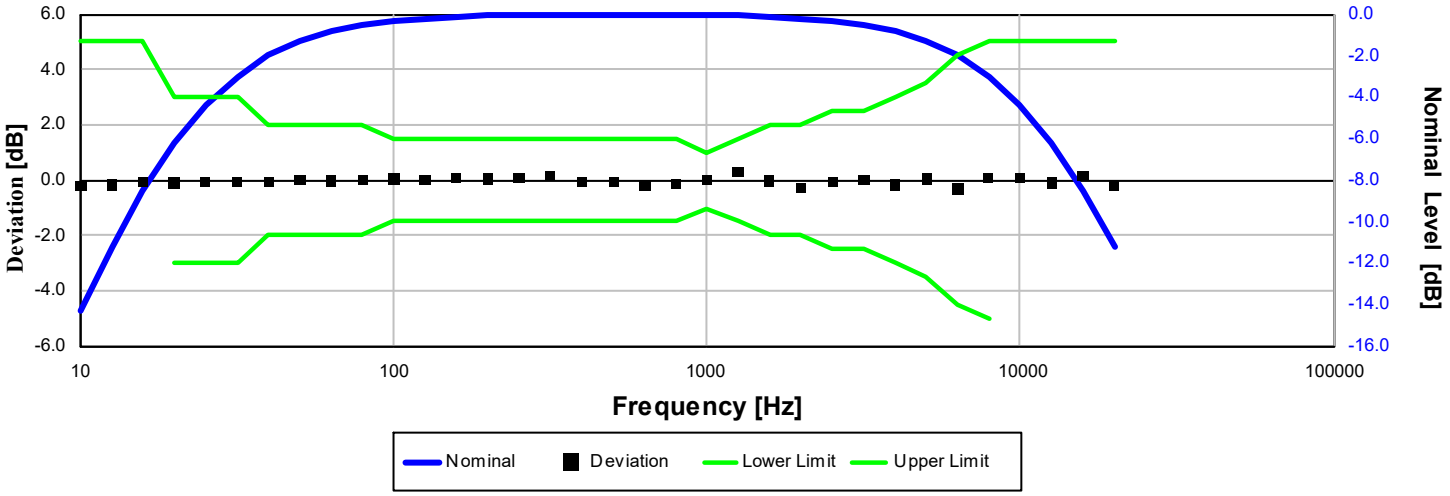


Electrical signal test of frequency weighting performed according to IEC 61672-3:2013 13 and ANSI S1.4-2014 Part 3: 13 for compliance to IEC 61672-1:2013 5.5; IEC 60651:2001 6.1 and 9.2.2; IEC 60804:2000 5; ANSI S1.4:1983 (R2006) 5.1 and 8.2.1; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Deviation [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
10.00	-70.36	0.04	-inf	5.00	0.25	Pass
12.59	-63.42	-0.02	-inf	5.00	0.25	Pass
15.85	-56.73	-0.03	-inf	5.00	0.25	Pass
19.95	-50.50	0.00	-3.00	3.00	0.25	Pass
25.12	-44.77	-0.07	-3.00	3.00	0.25	Pass
31.62	-39.48	-0.08	-3.00	3.00	0.25	Pass
39.81	-34.66	-0.06	-2.00	2.00	0.25	Pass
50.12	-30.28	-0.08	-2.00	2.00	0.25	Pass
63.10	-26.20	0.00	-2.00	2.00	0.25	Pass
79.43	-22.46	0.04	-2.00	2.00	0.25	Pass
100.00	-19.11	-0.01	-1.50	1.50	0.25	Pass
125.89	-16.12	-0.02	-1.50	1.50	0.25	Pass
158.49	-13.29	0.11	-1.50	1.50	0.25	Pass
199.53	-10.79	0.11	-1.50	1.50	0.25	Pass
251.19	-8.54	0.06	-1.50	1.50	0.25	Pass
316.23	-6.46	0.14	-1.50	1.50	0.25	Pass
398.11	-4.92	-0.12	-1.50	1.50	0.25	Pass
501.19	-3.34	-0.14	-1.50	1.50	0.25	Pass
630.96	-2.11	-0.21	-1.50	1.50	0.25	Pass
794.33	-0.96	-0.16	-1.50	1.50	0.25	Pass
1,000.00	0.00	0.00	-1.00	1.00	0.25	Pass
1,258.93	0.93	0.33	-1.50	1.50	0.25	Pass
1,584.89	0.94	-0.06	-2.00	2.00	0.25	Pass
1,995.26	0.89	-0.31	-2.00	2.00	0.25	Pass
2,511.89	1.22	-0.08	-2.50	2.50	0.25	Pass
3,162.28	1.23	0.03	-2.50	2.50	0.25	Pass
3,981.07	0.82	-0.18	-3.00	3.00	0.25	Pass
5,011.87	0.58	0.08	-3.50	3.50	0.25	Pass
6,309.57	-0.43	-0.33	-4.50	4.50	0.25	Pass
7,943.28	-1.04	0.06	-5.00	5.00	0.25	Pass
10,000.00	-2.41	0.09	-inf	5.00	0.25	Pass
12,589.25	-4.37	-0.07	-inf	5.00	0.25	Pass
15,848.93	-6.43	0.17	-inf	5.00	0.25	Pass
19,952.62	-9.48	-0.18	-inf	5.00	0.25	Pass

-- End of measurement results--

C-weight Filter Response

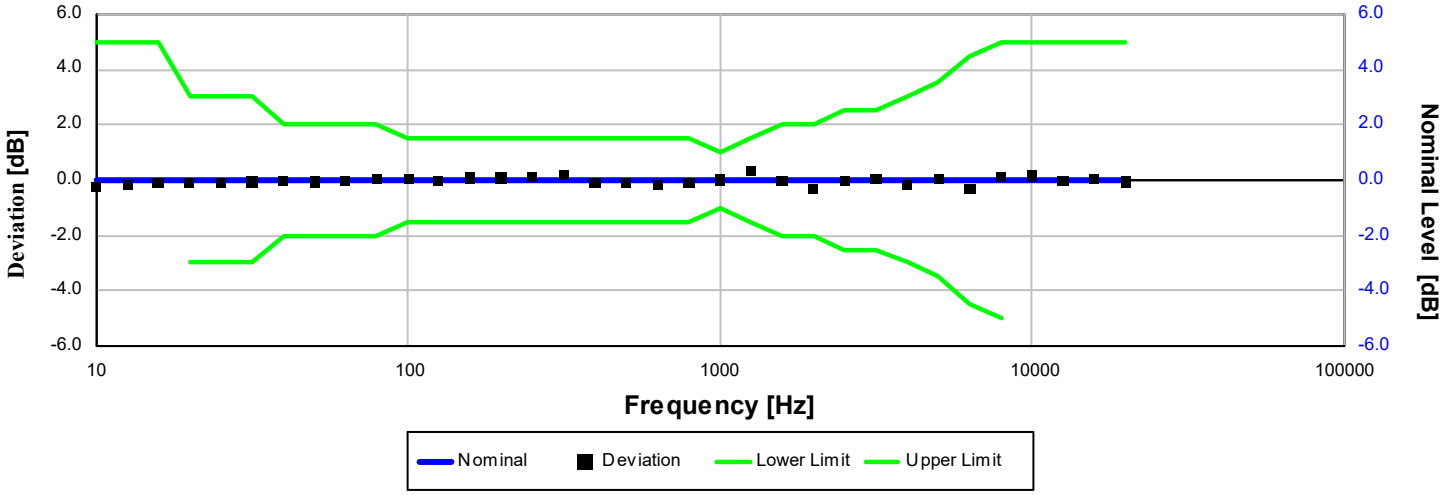


Electrical signal test of frequency weighting performed according to IEC 61672-3:2013 13 and ANSI S1.4-2014 Part 3: 13 for compliance to IEC 61672-1:2013 5.5; IEC 60651:2001 6.1 and 9.2.2; IEC 60804:2000 5; ANSI S1.4:1983 (R2006) 5.1 and 8.2.1; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Deviation [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
10.00	-14.48	-0.18	-inf	5.00	0.25	Pass
12.59	-11.38	-0.18	-inf	5.00	0.25	Pass
15.85	-8.58	-0.08	-inf	5.00	0.25	Pass
19.95	-6.29	-0.09	-3.00	3.00	0.25	Pass
25.12	-4.47	-0.07	-3.00	3.00	0.25	Pass
31.62	-3.04	-0.04	-3.00	3.00	0.25	Pass
39.81	-2.03	-0.03	-2.00	2.00	0.25	Pass
50.12	-1.27	0.03	-2.00	2.00	0.25	Pass
63.10	-0.83	-0.03	-2.00	2.00	0.25	Pass
79.43	-0.46	0.04	-2.00	2.00	0.25	Pass
100.00	-0.25	0.05	-1.50	1.50	0.25	Pass
125.89	-0.19	0.01	-1.50	1.50	0.25	Pass
158.49	-0.02	0.08	-1.50	1.50	0.25	Pass
199.53	0.04	0.04	-1.50	1.50	0.25	Pass
251.19	0.08	0.08	-1.50	1.50	0.25	Pass
316.23	0.17	0.17	-1.50	1.50	0.25	Pass
398.11	-0.08	-0.08	-1.50	1.50	0.25	Pass
501.19	-0.08	-0.08	-1.50	1.50	0.25	Pass
630.96	-0.18	-0.18	-1.50	1.50	0.25	Pass
794.33	-0.12	-0.12	-1.50	1.50	0.25	Pass
1,000.00	0.00	0.00	-1.00	1.00	0.25	Pass
1,258.93	0.31	0.31	-1.50	1.50	0.25	Pass
1,584.89	-0.13	-0.03	-2.00	2.00	0.25	Pass
1,995.26	-0.47	-0.27	-2.00	2.00	0.25	Pass
2,511.89	-0.35	-0.05	-2.50	2.50	0.25	Pass
3,162.28	-0.48	0.02	-2.50	2.50	0.25	Pass
3,981.07	-0.97	-0.17	-3.00	3.00	0.25	Pass
5,011.87	-1.26	0.04	-3.50	3.50	0.25	Pass
6,309.57	-2.30	-0.30	-4.50	4.50	0.25	Pass
7,943.28	-2.94	0.06	-5.00	5.00	0.25	Pass
10,000.00	-4.32	0.08	-inf	5.00	0.25	Pass
12,589.25	-6.29	-0.09	-inf	5.00	0.25	Pass
15,848.93	-8.36	0.14	-inf	5.00	0.25	Pass
19,952.62	-11.41	-0.21	-inf	5.00	0.25	Pass

-- End of measurement results--

Z-weight Filter Response



Electrical signal test of frequency weighting performed according to IEC 61672-3:2013 13 and ANSI S1.4-2014 Part 3: 13 for compliance to IEC 61672-1:2013 5.5; IEC 60651:2001 6.1 and 9.2.2; IEC 60804:2000 5; ANSI S1.4:1983 (R2006) 5.1 and 8.2.1; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Deviation [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
10.00	-0.27	-0.27	-inf	5.00	0.25	Pass
12.59	-0.21	-0.21	-inf	5.00	0.25	Pass
15.85	-0.14	-0.14	-inf	5.00	0.25	Pass
19.95	-0.12	-0.12	-3.00	3.00	0.25	Pass
25.12	-0.12	-0.12	-3.00	3.00	0.25	Pass
31.62	-0.07	-0.07	-3.00	3.00	0.25	Pass
39.81	-0.07	-0.07	-2.00	2.00	0.25	Pass
50.12	-0.08	-0.08	-2.00	2.00	0.25	Pass
63.10	-0.02	-0.02	-2.00	2.00	0.25	Pass
79.43	0.03	0.03	-2.00	2.00	0.25	Pass
100.00	0.05	0.05	-1.50	1.50	0.25	Pass
125.89	-0.02	-0.02	-1.50	1.50	0.25	Pass
158.49	0.06	0.06	-1.50	1.50	0.25	Pass
199.53	0.06	0.06	-1.50	1.50	0.25	Pass
251.19	0.09	0.09	-1.50	1.50	0.25	Pass
316.23	0.15	0.15	-1.50	1.50	0.25	Pass
398.11	-0.10	-0.10	-1.50	1.50	0.25	Pass
501.19	-0.10	-0.10	-1.50	1.50	0.25	Pass
630.96	-0.21	-0.21	-1.50	1.50	0.25	Pass
794.33	-0.14	-0.14	-1.50	1.50	0.25	Pass
1,000.00	0.00	0.00	-1.00	1.00	0.25	Pass
1,258.93	0.34	0.34	-1.50	1.50	0.25	Pass
1,584.89	-0.04	-0.04	-2.00	2.00	0.25	Pass
1,995.26	-0.31	-0.31	-2.00	2.00	0.25	Pass
2,511.89	-0.06	-0.06	-2.50	2.50	0.25	Pass
3,162.28	0.01	0.01	-2.50	2.50	0.25	Pass
3,981.07	-0.17	-0.17	-3.00	3.00	0.25	Pass
5,011.87	0.02	0.02	-3.50	3.50	0.25	Pass
6,309.57	-0.30	-0.30	-4.50	4.50	0.25	Pass
7,943.28	0.10	0.10	-5.00	5.00	0.25	Pass
10,000.00	0.14	0.14	-inf	5.00	0.25	Pass
12,589.25	-0.05	-0.05	-inf	5.00	0.25	Pass
15,848.93	0.03	0.03	-inf	5.00	0.25	Pass
19,952.62	-0.08	-0.08	-inf	5.00	0.25	Pass

-- End of measurement results--

High Level Stability

Electrical signal test of high level stability performed according to IEC 61672-3:2013 21 and ANSI S1.4-2014 Part 3: 21 for compliance to IEC 61672-1:2013 5.15 and ANSI S1.4-2014 Part 1: 5.15

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
High Level Stability	0.00	-0.30	0.30	0.01 ‡	Pass

-- End of measurement results--

Long-Term Stability

Electrical signal test of long term stability performed according to IEC 61672-3:2013 15 and ANSI S1.4-2014 Part 3: 15 for compliance to ISC 61672-1:2013 5.14 and ANSI S1.4-2014 Part 1: 5.14

Test Duration [min]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
33	0.00	-0.30	0.30	0.03 ‡	Pass

-- End of measurement results--

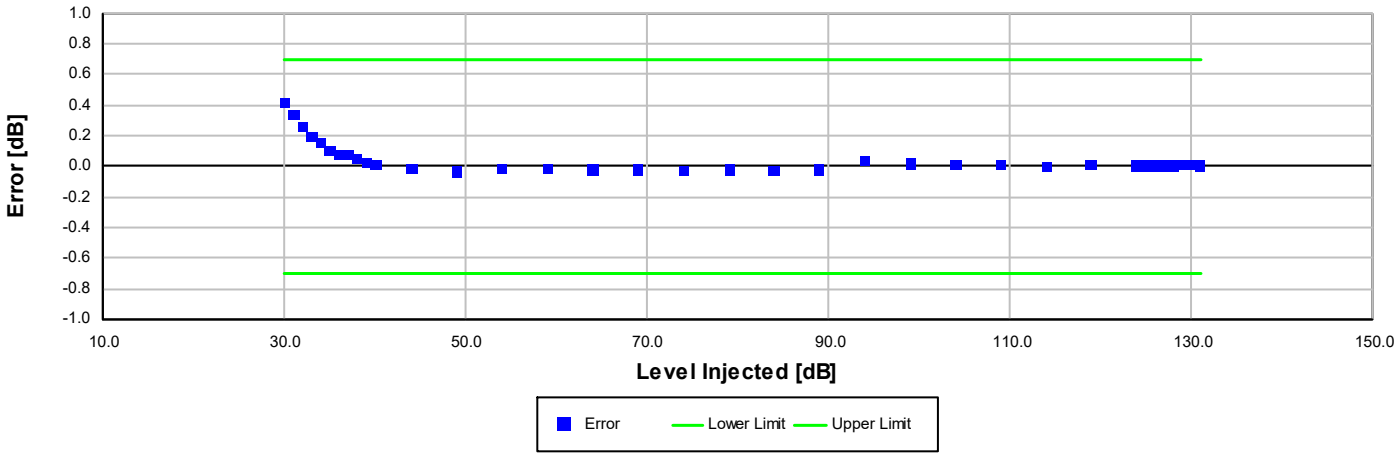
1 kHz Reference Levels

Frequency weightings and time weightings at 1 kHz (reference is A weighted Fast) performed according to IEC 61672-3:2013 14 and ANSI S1.4-2014 Part 3: 14 for compliance to IEC 61672-1:2013 5.5.9 and 5.8.3 and ANSI S1.4-2014 Part 1: 5.5.9 and 5.8.3

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
C weight	109.85	109.65	110.05	0.15	Pass
Z weight	109.84	109.65	110.05	0.15	Pass
Slow	109.85	109.75	109.95	0.15	Pass
Impulse	109.85	109.75	109.95	0.15	Pass

-- End of measurement results--

A-weighted Broadband Log Linearity: 8,000.00 Hz



Broadband level linearity performed according to IEC 61672-3:2013 16 and ANSI S1.4-2014 Part 3: 16 for compliance to IEC 61672-1:2013 5.6, IEC 60804:2000 6.2, IEC 61252:2002 8, ANSI S1.4 (R2006) 6.9, ANSI S1.4-2014 Part 1: 5.6, ANSI S1.43 (R2007) 6.2

Level [dB]	Error [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
30.00	0.42	-0.70	0.70	0.16	Pass
31.00	0.34	-0.70	0.70	0.16	Pass
32.00	0.26	-0.70	0.70	0.16	Pass
33.00	0.20	-0.70	0.70	0.16	Pass
34.00	0.15	-0.70	0.70	0.16	Pass
35.00	0.10	-0.70	0.70	0.16	Pass
36.00	0.08	-0.70	0.70	0.16	Pass
37.00	0.08	-0.70	0.70	0.16	Pass
38.00	0.05	-0.70	0.70	0.16	Pass
39.00	0.02	-0.70	0.70	0.16	Pass
40.00	0.01	-0.70	0.70	0.16	Pass
44.00	-0.01	-0.70	0.70	0.16	Pass
49.00	-0.03	-0.70	0.70	0.16	Pass
54.00	-0.01	-0.70	0.70	0.16	Pass
59.00	-0.02	-0.70	0.70	0.16	Pass
64.00	-0.02	-0.70	0.70	0.16	Pass
69.00	-0.02	-0.70	0.70	0.16	Pass
74.00	-0.03	-0.70	0.70	0.16	Pass
79.00	-0.02	-0.70	0.70	0.16	Pass
84.00	-0.03	-0.70	0.70	0.16	Pass
89.00	-0.02	-0.70	0.70	0.16	Pass
94.00	0.03	-0.70	0.70	0.16	Pass
99.00	0.02	-0.70	0.70	0.15	Pass
104.00	0.01	-0.70	0.70	0.15	Pass
109.00	0.01	-0.70	0.70	0.15	Pass
114.00	0.00	-0.70	0.70	0.15	Pass
119.00	0.01	-0.70	0.70	0.15	Pass
124.00	0.01	-0.70	0.70	0.15	Pass
125.00	0.01	-0.70	0.70	0.15	Pass
126.00	0.01	-0.70	0.70	0.15	Pass
127.00	0.01	-0.70	0.70	0.15	Pass
128.00	0.01	-0.70	0.70	0.15	Pass
129.00	0.01	-0.70	0.70	0.15	Pass
130.00	0.01	-0.70	0.70	0.15	Pass
131.00	0.01	-0.70	0.70	0.15	Pass

-- End of measurement results--

Slow Detector

Toneburst response performed according to IEC 61672-3:2013 18 and ANSI S1.4-2014 Part 3: 18 for compliance to IEC 61672-1:2013 5.9, IEC 60651:2001 9.4.2, ANSI S1.4:1983 (R2006) 8.4.2 and ANSI S1.4-2014 Part 1: 5.9

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
136.15	200	-7.56	-8.42	-6.42	0.15	Pass
	2	-27.16	-31.99	-25.99	0.15	Pass

-- End of measurement results--

Fast Detector

Toneburst response performed according to IEC 61672-3:2013 18 and ANSI S1.4-2014 Part 3: 18 for compliance to IEC 61672-1:2013 5.9, IEC 60651:2001 9.4.2, ANSI S1.4:1983 (R2006) 8.4.2 and ANSI S1.4-2014 Part 1: 5.9

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
136.15	200.00	-1.04	-1.98	0.02	0.26	Pass
	2.00	-18.20	-20.49	-16.99	0.15	Pass
	0.25	-27.49	-31.99	-25.49	0.15	Pass

-- End of measurement results--

Sound Exposure Level

Toneburst response performed according to IEC 61672-3:2013 18 and ANSI S1.4-2014 Part 3: 18 for compliance to IEC 61672-1:2013 5.9, IEC 60651:2001 9.4.2, ANSI S1.4:1983 (R2006) 8.4.2 and ANSI S1.4-2014 Part 1: 5.9

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
136.15	200.00	-7.02	-7.99	-5.99	0.15	Pass
	2.00	-27.05	-29.49	-25.99	0.15	Pass
	0.25	-36.16	-41.02	-34.52	0.15	Pass

-- End of measurement results--

Peak C-weight

C-weighted peak sound level performed according to IEC 61672-3:2013 19 and ANSI S1.4-2014 Part 3: 19 for compliance to IEC 61672-1:2013 5.13 and ANSI S1.4-2014 Part 1: 5.13

Level [dB]	Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
134.15	31.50	137.35	133.65	139.65	0.15	Pass
134.15	500.00	137.70	135.65	139.65	0.15	Pass
134.15	8,000.00	136.89	134.55	140.55	0.15	Pass
134.15, Negative	500.00	136.32	134.55	138.55	0.15	Pass
134.15, Positive	500.00	136.31	134.55	138.55	0.15	Pass

-- End of measurement results--

Peak Z-weight

Z-weighted peak sound level performed according to IEC 60651:2001 9.4.4 and ANSI S1.4:1983 (R2006) 8.4.4

Amplitude [dB]	Duration[µs]		Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
135.15	100	Negative Pulse	131.34	129.01	133.01	0.15	Pass
	100	Positive Pulse	131.35	129.00	133.00	0.15	Pass
125.15	100	Negative Pulse	121.30	118.98	122.98	0.15	Pass
	100	Positive Pulse	121.32	118.98	122.98	0.15	Pass
115.15	100	Negative Pulse	111.34	109.02	113.02	0.15	Pass
	100	Positive Pulse	111.36	109.01	113.01	0.15	Pass
105.15	100	Negative Pulse	101.32	98.99	102.99	0.15	Pass
	100	Positive Pulse	101.34	99.00	103.00	0.15	Pass

-- End of measurement results--

Overload Detector

Overload indication performed according to IEC 61672-3:2013 20 and ANSI S1.4-2014 Part 3: 20 for compliance to IEC 61672-1:2013 5.11, IEC 60804:2000 9.3.5, IEC 61252:2002 11, ANSI S1.4 (R2006) 5.8, and ANSI S1.4-2014 Part 1: 5.11, ANSI S1.25 (R2007) 7.6, ANSI S1.43 (R2007) 7

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
Positive	135.55	135.00	137.00	0.15	Pass
Negative	135.65	135.00	137.00	0.15	Pass
Difference	-0.10	-1.50	1.50	0.15	Pass

-- End of measurement results--

Peak Rise Time

Peak rise time performed according to IEC 60651:2001 9.4.4 and ANSI S1.4:1983 (R2006) 8.4.4

Amplitude [dB]	Duration [µs]		Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
139.15	40	Negative Pulse	134.49	133.02	135.02	0.15	Pass
		Positive Pulse	134.49	133.01	135.01	0.15	Pass
	30	Negative Pulse	133.58	133.02	135.02	0.15	Pass
		Positive Pulse	133.56	133.01	135.01	0.15	Pass

-- End of measurement results--

Positive Pulse Crest Factor

200 µs pulse tests at 2.0, 12.0, 22.0, 32.0 dB below Overload Limit

Crest Factor measured according to IEC 60651:2001 9.4.2 and ANSI S1.4:1983 (R2006) 8.4.2

Amplitude [dB]	Crest Factor	Test Result [dB]	Limits [dB]	Expanded Uncertainty [dB]	Result
137.15	3	OVLD	± 1.00	0.15 ‡	Pass
	5	OVLD	± 1.00	0.15 ‡	Pass
127.15	3	-0.12	± 1.00	0.15 ‡	Pass
	5	-0.12	± 1.00	0.16 ‡	Pass
117.15	3	-0.13	± 1.00	0.15 ‡	Pass
	5	-0.13	± 1.00	0.15 ‡	Pass
107.15	3	-0.12	± 1.00	0.15 ‡	Pass
	5	-0.14	± 1.00	0.15 ‡	Pass

-- End of measurement results--

Negative Pulse Crest Factor

200 µs pulse tests at 2.0, 12.0, 22.0, 32.0 dB below Overload Limit

Crest Factor measured according to IEC 60651:2001 9.4.2 and ANSI S1.4:1983 (R2006) 8.4.2

Amplitude [dB]	Crest Factor	Test Result [dB]	Limits [dB]	Expanded Uncertainty [dB]	Result
137.15	3	OVLD	± 1.00	0.15 ‡	Pass
	5	OVLD	± 1.00	0.15 ‡	Pass
127.15	3	-0.12	± 1.00	0.15 ‡	Pass
	5	-0.11	± 1.00	0.15 ‡	Pass
117.15	3	-0.12	± 1.00	0.15 ‡	Pass
	5	-0.10	± 1.00	0.15 ‡	Pass
107.15	3	-0.11	± 1.00	0.15 ‡	Pass
	5	-0.13	± 1.00	0.15 ‡	Pass

-- End of measurement results--

Tone Burst

2kHz tone burst tests at 2.0, 12.0, 22.0, 32.0 dB below Overload Limit

Tone burst response measured according to IEC 60651:2001 9.4.2 and ANSI S1.4:1983 (R2006) 8.4.2

Amplitude [dB]	Crest Factor	Test Result [dB]	Limits [dB]	Expanded Uncertainty [dB]	Result
137.15	3	OVLD	± 1.00	0.15	Pass
	5	OVLD	± 1.00	0.15	Pass
127.15	3	-0.07	± 1.00	0.15	Pass
	5	-0.01	± 1.00	0.15	Pass
117.15	3	-0.06	± 1.00	0.15	Pass
	5	-0.01	± 1.00	0.15	Pass
107.15	3	-0.08	± 1.00	0.15	Pass
	5	-0.05	± 1.00	0.15	Pass

-- End of measurement results--

Impulse Detector - Repeat

Impulse Detector measured according to IEC 60651:2001 9.4.3 and ANSI S1.4:1983 (R2006) 8.4.3

Amplitude [dB]	Repitition Rate [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
139.15	100.00	-2.77	-4.71	-0.71	0.15	Pass
	20.00	-7.62	-9.57	-5.57	0.20	Pass
	2.00	-8.95	-11.76	-5.76	0.15	Pass
Step	2.00	5.00	4.00	6.00	0.15	Pass

-- End of measurement results--

Impulse Detector - Single

Impulse Detector measured according to IEC 60651:2001 9.4.3 and ANSI S1.4:1983 (R2006) 8.4.3

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
139.15	20.00	-3.73	-5.61	-1.61	0.15	Pass
	5.00	-8.82	-11.76	-5.76	0.16	Pass
Step	5.00	5.08	4.00	6.00	0.16	Pass

-- End of measurement results--

Gain

Gain measured according to IEC 61672-3:2013 17.3 and 17.4 and ANSI S1.4-2014 Part 3: 17.3 and 17.4

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0 dB Gain	93.96	93.90	94.10	0.15	Pass
0 dB Gain, Linearity	40.24	39.30	40.70	0.16	Pass
OBA Low Range	94.00	93.90	94.10	0.15	Pass
OBA Normal Range	94.00	93.20	94.80	0.15	Pass

-- End of measurement results--

Broadband Noise Floor

Self-generated noise measured according to IEC 61672-3:2013 11.2 and ANSI S1.4-2014 Part 3: 11.2

Measurement	Test Result [dB]	Upper limit [dB]	Result
A-weight Noise Floor	27.34	36.00	Pass
C-weight Noise Floor	27.20	35.00	Pass
Z-weight Noise Floor	32.56	39.00	Pass

-- End of measurement results--

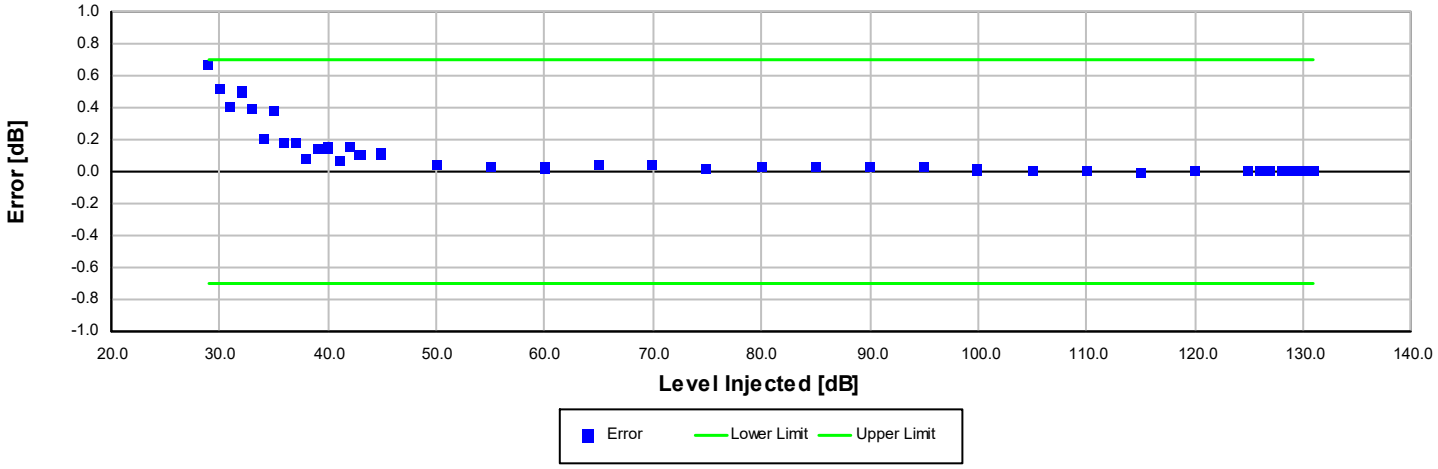
Total Harmonic Distortion

Measured using 1/3-Octave filters

Measurement	Test Result [dB]	Lower Limit [dB]	Upper Limit [dB]	Expanded Uncertainty [dB]	Result
10 Hz Signal	137.07	136.35	137.95	0.15	Pass
THD	-66.18		-58.00	0.01 ‡	Pass
THD+N	-62.37		-58.00	0.01 ‡	Pass

-- End of measurement results--

1/1 Octave Log Linearity: 1,000.00 Hz



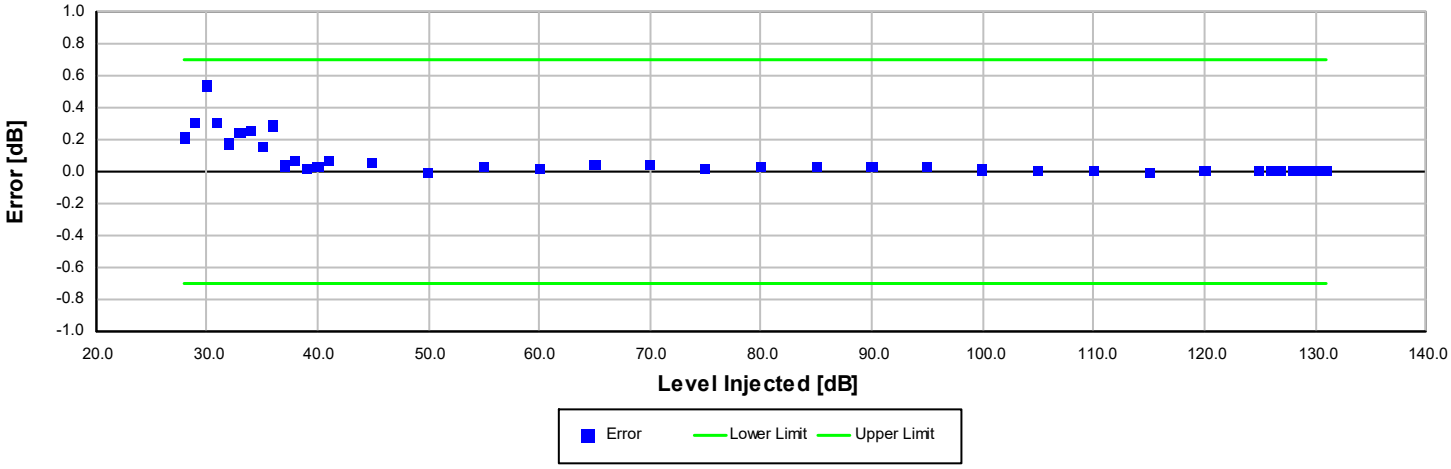
1/1 octave level linearity at normal range performed according to IEC 61260:2001 4.6, ANSI S.11 (R2009) 4.6

Level [dB]	Error [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
29.00	0.67	-0.70	0.70	0.16	Pass
30.00	0.52	-0.70	0.70	0.16	Pass
31.00	0.41	-0.70	0.70	0.16	Pass
32.00	0.50	-0.70	0.70	0.16	Pass
33.00	0.39	-0.70	0.70	0.16	Pass
34.00	0.20	-0.70	0.70	0.16	Pass
35.00	0.38	-0.70	0.70	0.16	Pass
36.00	0.18	-0.70	0.70	0.16	Pass
37.00	0.19	-0.70	0.70	0.16	Pass
38.00	0.08	-0.70	0.70	0.16	Pass
39.00	0.15	-0.70	0.70	0.17	Pass
40.00	0.15	-0.70	0.70	0.16	Pass
41.00	0.07	-0.70	0.70	0.16	Pass
42.00	0.16	-0.70	0.70	0.16	Pass
43.00	0.11	-0.70	0.70	0.16	Pass
45.00	0.12	-0.70	0.70	0.16	Pass
50.00	0.04	-0.70	0.70	0.16	Pass
55.00	0.04	-0.70	0.70	0.16	Pass
60.00	0.03	-0.70	0.70	0.16	Pass
65.00	0.04	-0.70	0.70	0.16	Pass
70.00	0.04	-0.70	0.70	0.16	Pass
75.00	0.02	-0.70	0.70	0.16	Pass
80.00	0.03	-0.70	0.70	0.16	Pass
85.00	0.03	-0.70	0.70	0.16	Pass
90.00	0.03	-0.70	0.70	0.16	Pass
95.00	0.03	-0.70	0.70	0.16	Pass
100.00	0.01	-0.70	0.70	0.15	Pass
105.00	0.01	-0.70	0.70	0.15	Pass
110.00	0.01	-0.70	0.70	0.15	Pass
115.00	0.00	-0.70	0.70	0.15	Pass
120.00	0.01	-0.70	0.70	0.15	Pass
125.00	0.01	-0.70	0.70	0.15	Pass
126.00	0.01	-0.70	0.70	0.15	Pass
127.00	0.01	-0.70	0.70	0.15	Pass
128.00	0.01	-0.70	0.70	0.15	Pass

Level [dB]	Error [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
129.00	0.01	-0.70	0.70	0.15	Pass
130.00	0.01	-0.70	0.70	0.15	Pass
131.00	0.01	-0.70	0.70	0.15	Pass

-- End of measurement results--

1/3 Octave Log Linearity: 1,000.00 Hz



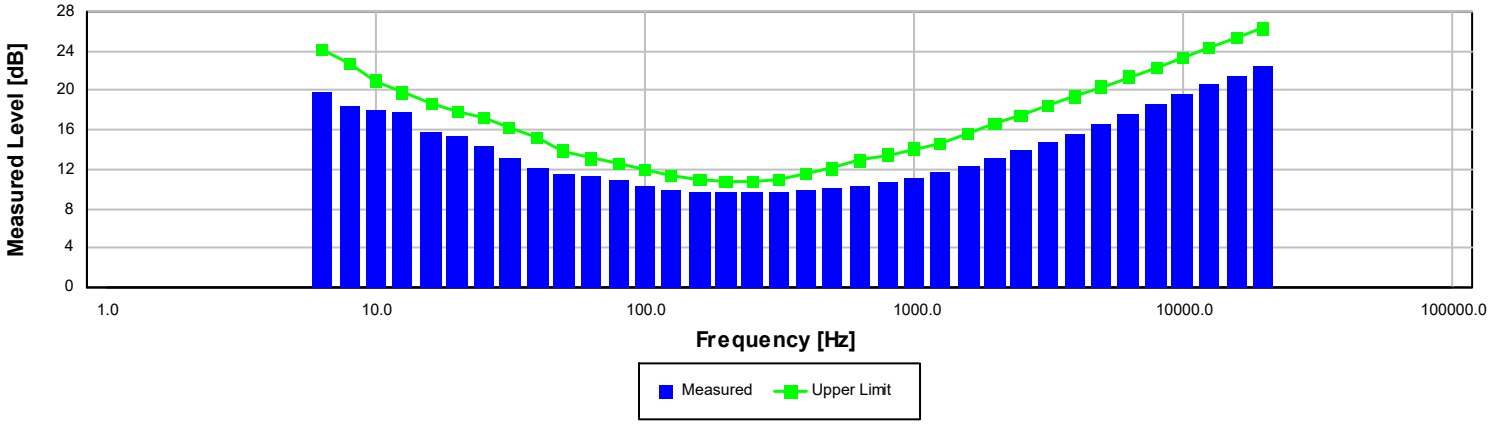
1/3 octave level linearity at normal range performed according to IEC 61260:2001 4.6, ANSI S.11 (R2009) 4.6

Level [dB]	Error [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
28.00	0.22	-0.70	0.70	0.16	Pass
29.00	0.31	-0.70	0.70	0.16	Pass
30.00	0.54	-0.70	0.70	0.16	Pass
31.00	0.31	-0.70	0.70	0.16	Pass
32.00	0.18	-0.70	0.70	0.16	Pass
33.00	0.25	-0.70	0.70	0.16	Pass
34.00	0.26	-0.70	0.70	0.16	Pass
35.00	0.16	-0.70	0.70	0.16	Pass
36.00	0.29	-0.70	0.70	0.17	Pass
37.00	0.04	-0.70	0.70	0.17	Pass
38.00	0.07	-0.70	0.70	0.16	Pass
39.00	0.02	-0.70	0.70	0.18	Pass
40.00	0.03	-0.70	0.70	0.17	Pass
41.00	0.07	-0.70	0.70	0.16	Pass
45.00	0.05	-0.70	0.70	0.16	Pass
50.00	0.00	-0.70	0.70	0.16	Pass
55.00	0.03	-0.70	0.70	0.16	Pass
60.00	0.02	-0.70	0.70	0.16	Pass
65.00	0.04	-0.70	0.70	0.16	Pass
70.00	0.04	-0.70	0.70	0.16	Pass
75.00	0.02	-0.70	0.70	0.16	Pass
80.00	0.03	-0.70	0.70	0.16	Pass
85.00	0.03	-0.70	0.70	0.16	Pass
90.00	0.03	-0.70	0.70	0.16	Pass
95.00	0.03	-0.70	0.70	0.16	Pass
100.00	0.02	-0.70	0.70	0.15	Pass
105.00	0.01	-0.70	0.70	0.15	Pass
110.00	0.01	-0.70	0.70	0.15	Pass
115.00	0.00	-0.70	0.70	0.15	Pass
120.00	0.01	-0.70	0.70	0.15	Pass
125.00	0.01	-0.70	0.70	0.15	Pass
126.00	0.01	-0.70	0.70	0.15	Pass
127.00	0.01	-0.70	0.70	0.15	Pass
128.00	0.01	-0.70	0.70	0.15	Pass
129.00	0.01	-0.70	0.70	0.15	Pass
130.00	0.01	-0.70	0.70	0.15	Pass

Level [dB]	Error [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
131.00	0.01	-0.70	0.70	0.15	Pass

-- End of measurement results--

1/3-Octave Self-Generated Noise

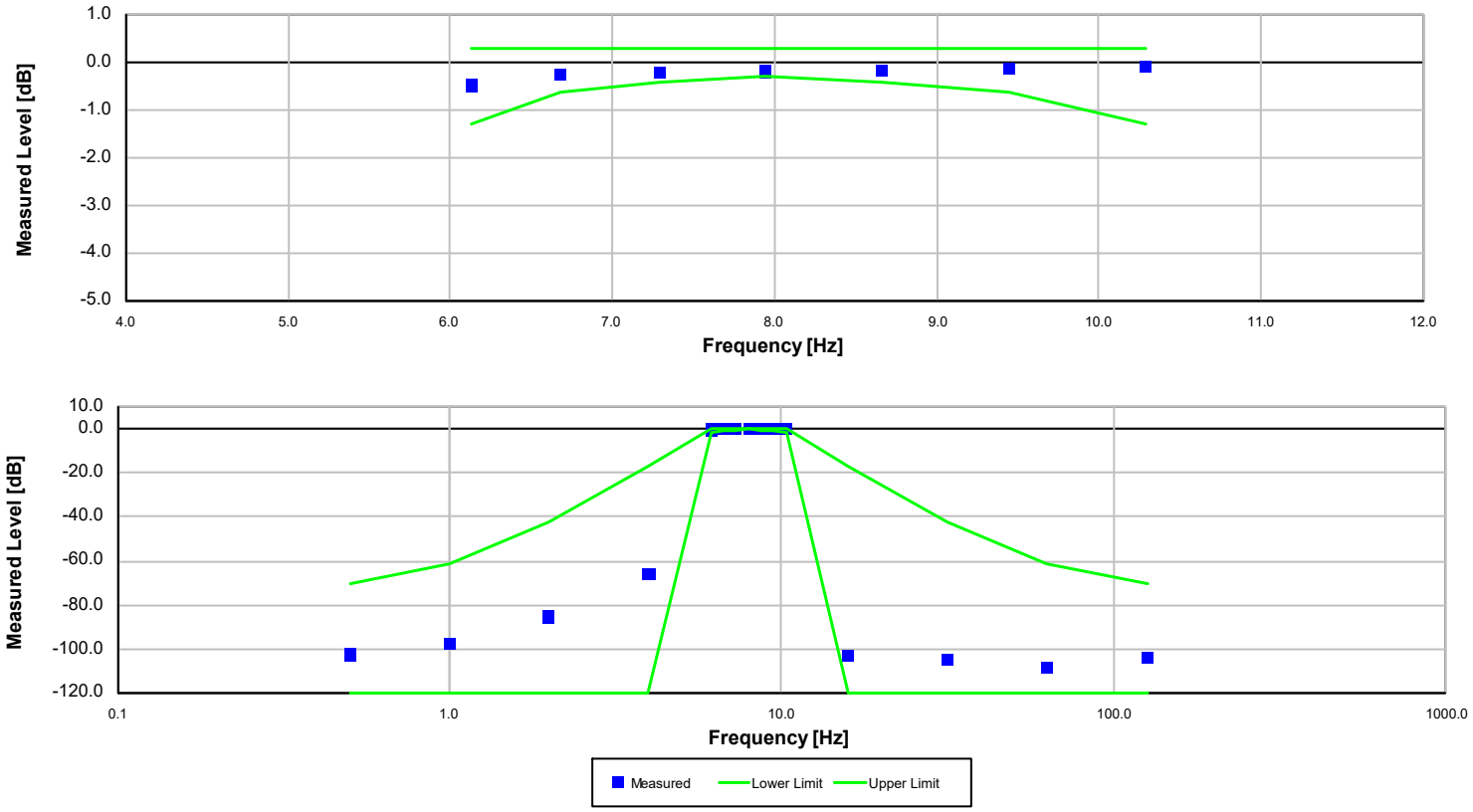


The SLM is set to low range.

Frequency [Hz]	Test Result [dB]	Upper limit [dB]	Result
6.30	19.94	24.10	Pass
8.00	18.52	22.70	Pass
10.00	18.04	21.00	Pass
12.50	17.88	19.80	Pass
16.00	15.87	18.60	Pass
20.00	15.38	17.90	Pass
25.00	14.34	17.20	Pass
31.50	13.19	16.20	Pass
40.00	12.22	15.20	Pass
50.00	11.67	13.90	Pass
63.00	11.46	13.10	Pass
80.00	10.89	12.60	Pass
100.00	10.37	12.00	Pass
125.00	10.01	11.40	Pass
160.00	9.68	11.00	Pass
200.00	9.68	10.80	Pass
250.00	9.67	10.80	Pass
315.00	9.74	11.00	Pass
400.00	9.93	11.60	Pass
500.00	10.09	12.10	Pass
630.00	10.35	12.90	Pass
800.00	10.76	13.50	Pass
1,000.00	11.24	14.10	Pass
1,250.00	11.86	14.70	Pass
1,600.00	12.45	15.60	Pass
2,000.00	13.20	16.60	Pass
2,500.00	13.98	17.50	Pass
3,150.00	14.82	18.40	Pass
4,000.00	15.73	19.40	Pass
5,000.00	16.74	20.40	Pass
6,300.00	17.72	21.40	Pass
8,000.00	18.61	22.30	Pass
10,000.00	19.61	23.30	Pass
12,500.00	20.62	24.30	Pass
16,000.00	21.58	25.30	Pass
20,000.00	22.56	26.30	Pass

-- End of measurement results--

1/1 Octave Filter: 8.0 Hz

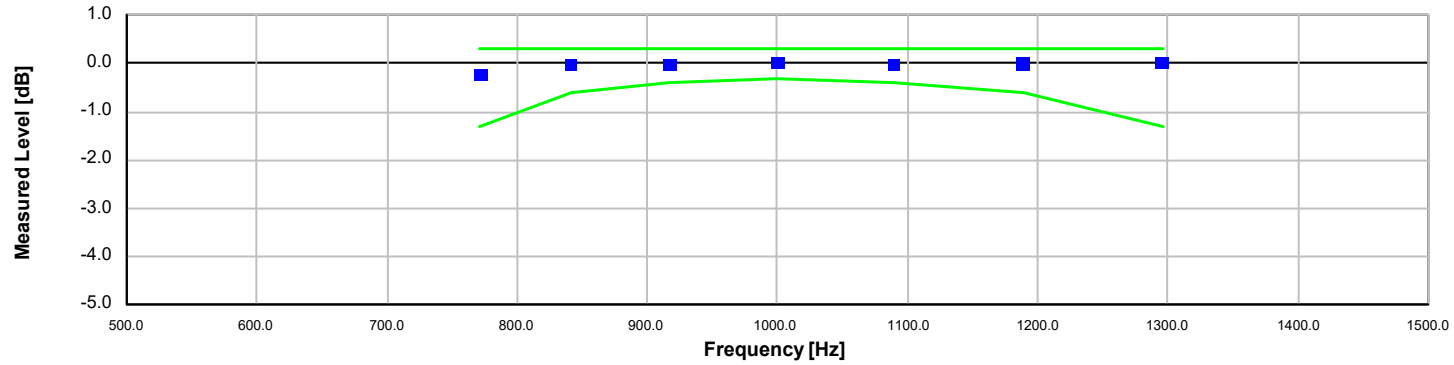


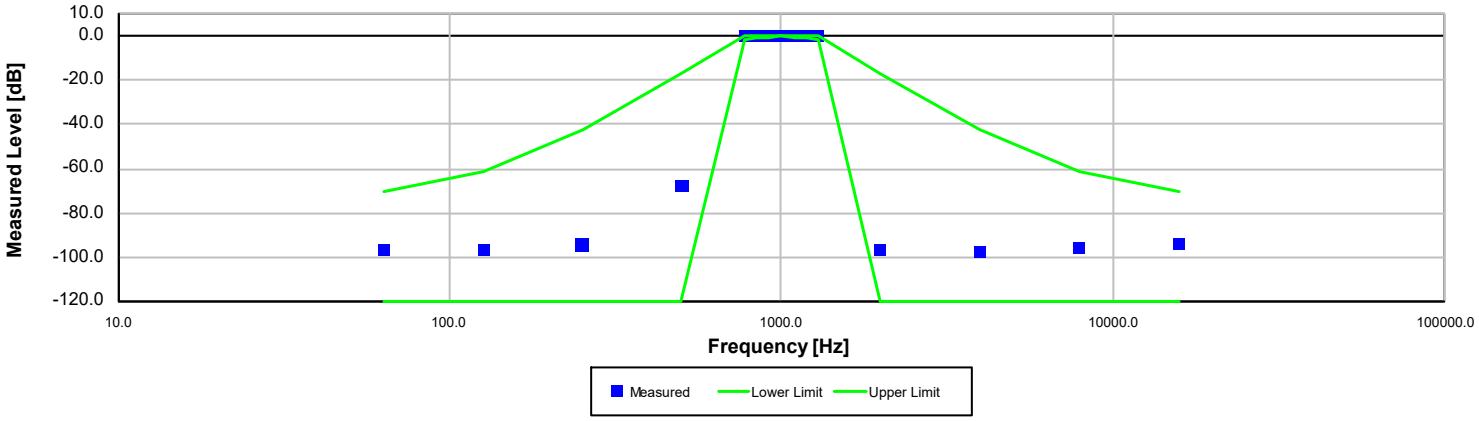
The SLM is set to normal range. Filter shape measured according to IEC 61260:2001 and ANSI S1.11:2004

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.50	-102.35	-inf	-70.00	2.70	Pass
1.00	-97.33	-inf	-61.00	2.00	Pass
2.00	-85.25	-inf	-42.00	0.29	Pass
3.98	-65.73	-inf	-17.50	0.34	Pass
6.13	-0.47	-1.30	0.30	0.15	Pass
6.68	-0.23	-0.60	0.30	0.15	Pass
7.29	-0.21	-0.40	0.30	0.15	Pass
7.94	-0.18	-0.30	0.30	0.15	Pass
8.66	-0.16	-0.40	0.30	0.15	Pass
9.44	-0.12	-0.60	0.30	0.15	Pass
10.29	-0.08	-1.30	0.30	0.15	Pass
15.85	-102.50	-inf	-17.50	1.30	Pass
31.62	-104.73	-inf	-42.00	1.70	Pass
63.10	-107.98	-inf	-61.00	1.50	Pass
125.89	-103.98	-inf	-70.00	1.60	Pass

-- End of measurement results--

1/1 Octave Filter: 1 kHz



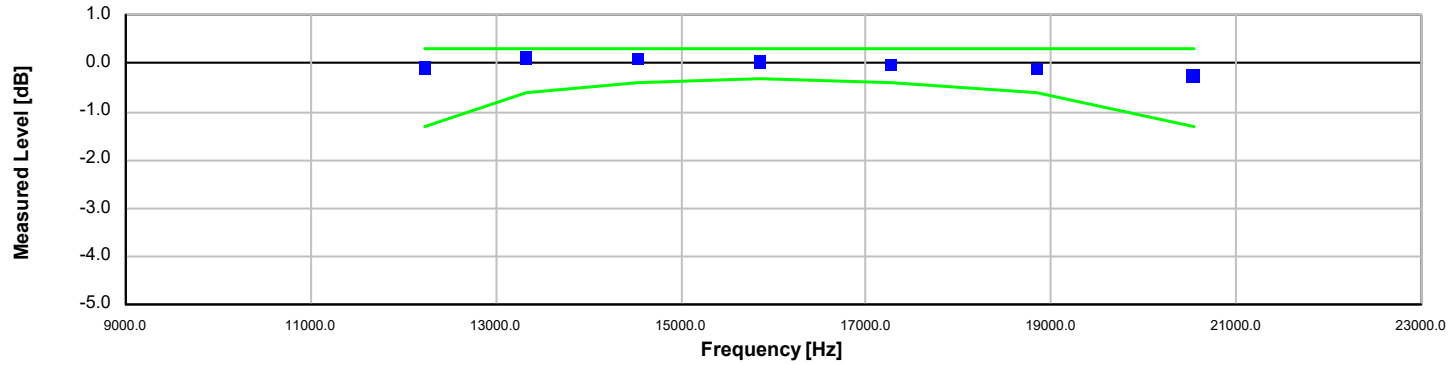


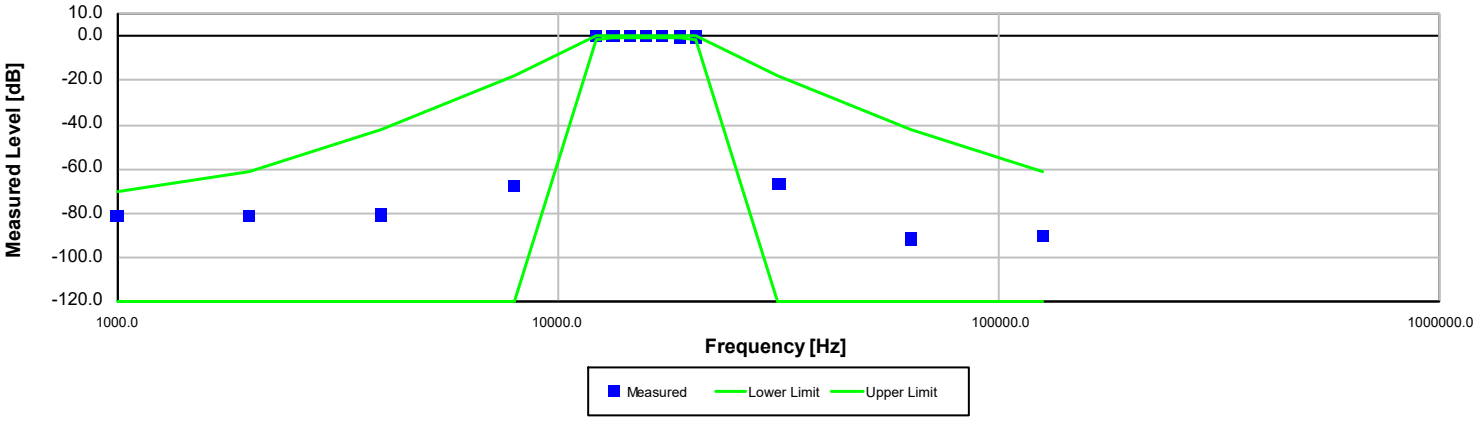
The SLM is set to normal range. Filter shape measured according to IEC 61260:2001 and ANSI S1.11:2004

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
63.10	-96.13	-inf	-70.00	0.27	Pass
125.89	-96.28	-inf	-61.00	0.28	Pass
251.19	-94.25	-inf	-42.00	0.18	Pass
501.19	-67.84	-inf	-17.50	0.15	Pass
771.79	-0.23	-1.30	0.30	0.15	Pass
841.40	-0.02	-0.60	0.30	0.15	Pass
917.28	-0.01	-0.40	0.30	0.15	Pass
1,000.00	0.00	-0.30	0.30	0.15	Pass
1,090.18	-0.02	-0.40	0.30	0.15	Pass
1,188.50	-0.01	-0.60	0.30	0.15	Pass
1,295.69	0.01	-1.30	0.30	0.15	Pass
1,995.26	-96.73	-inf	-17.50	0.27	Pass
3,981.07	-97.26	-inf	-42.00	0.31	Pass
7,943.28	-95.54	-inf	-61.00	0.26	Pass
15,848.93	-93.55	-inf	-70.00	0.26	Pass

-- End of measurement results--

1/1 Octave Filter: 16 kHz



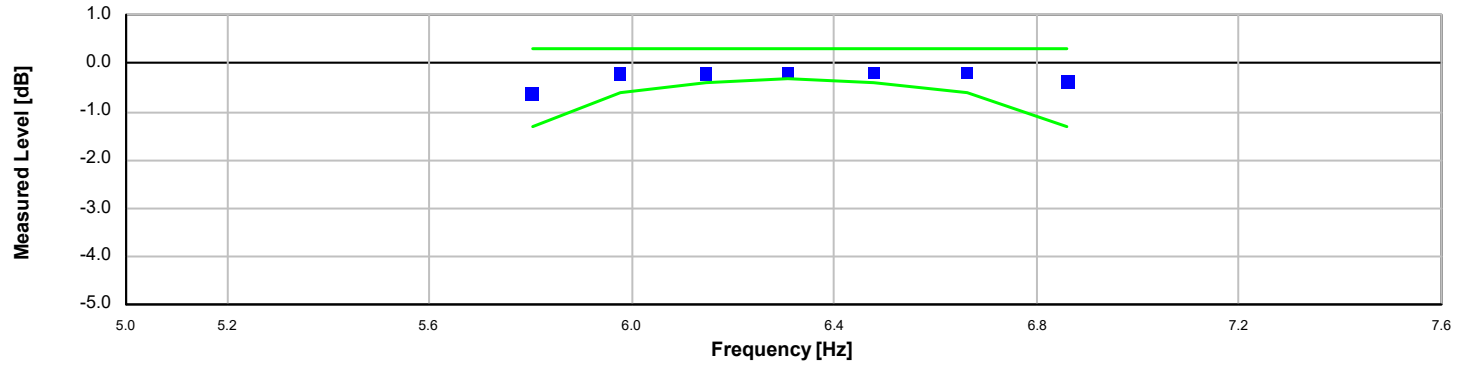


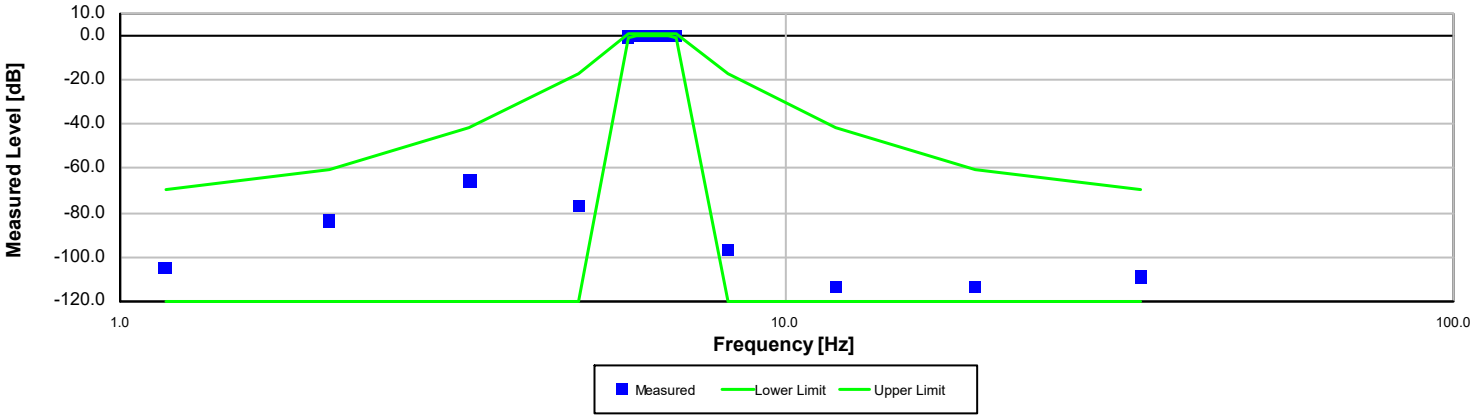
The SLM is set to normal range. Filter shape measured according to IEC 61260:2001 and ANSI S1.11:2004

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
1,000.00	-80.73	-inf	-70.00	0.16	Pass
1,995.26	-80.80	-inf	-61.00	0.16	Pass
3,981.07	-80.45	-inf	-42.00	0.15	Pass
7,943.28	-67.25	-inf	-17.50	0.17	Pass
12,232.07	-0.09	-1.30	0.30	0.15	Pass
13,335.21	0.11	-0.60	0.30	0.15	Pass
14,537.84	0.08	-0.40	0.30	0.15	Pass
15,848.93	0.04	-0.30	0.30	0.15	Pass
17,278.26	-0.03	-0.40	0.30	0.15	Pass
18,836.49	-0.13	-0.60	0.30	0.15	Pass
20,535.25	-0.26	-1.30	0.30	0.15	Pass
31,622.78	-66.75	-inf	-17.50	0.15	Pass
63,095.73	-91.40	-inf	-42.00	0.16	Pass
125,892.54	-89.67	-inf	-61.00	0.15	Pass

-- End of measurement results--

1/3 Octave Filter: 6.3 Hz



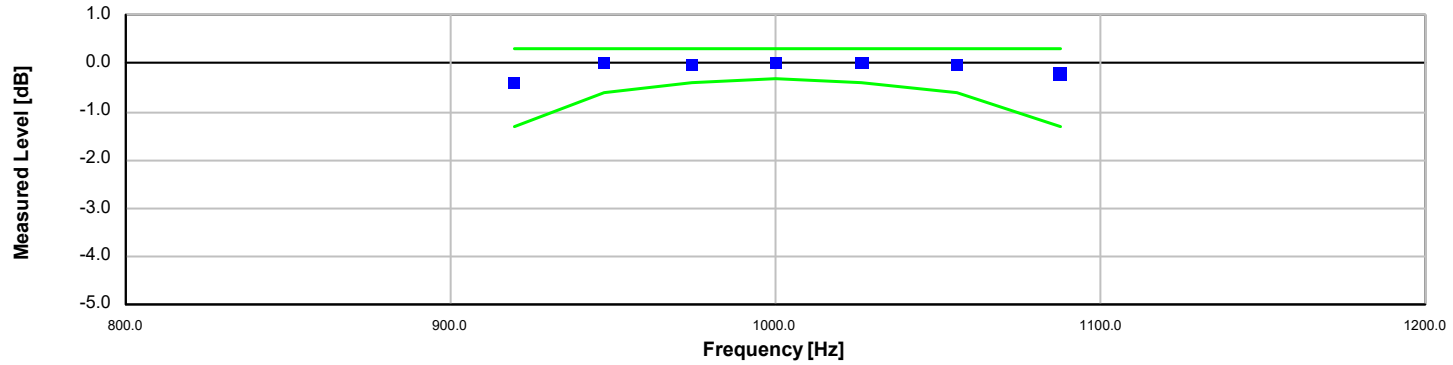


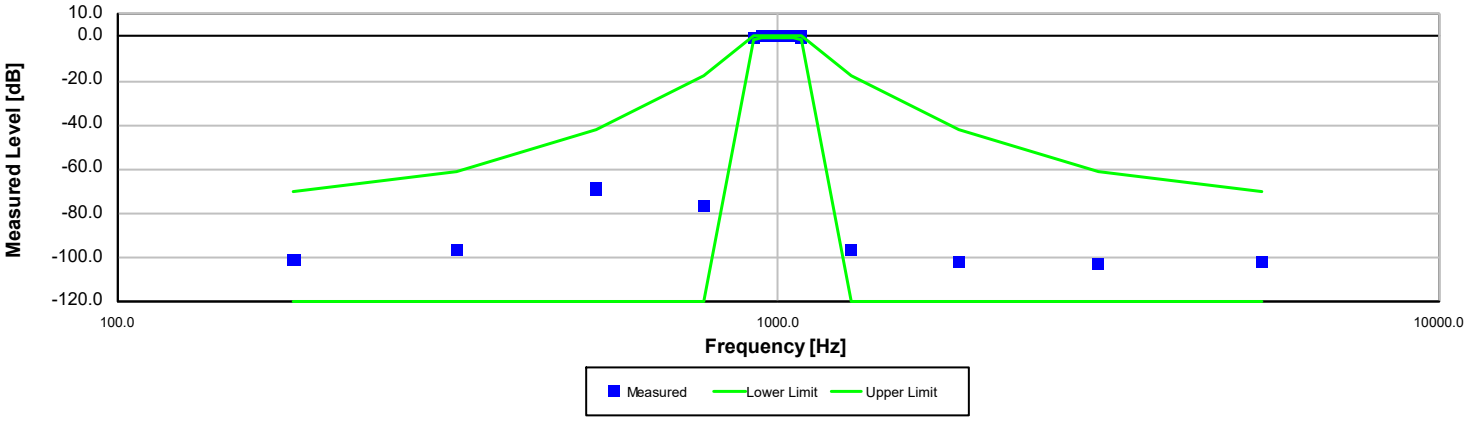
The SLM is set to normal range. Filter shape measured according to IEC 61260:2001 and ANSI S1.11:2004

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
1.17	-104.54	-inf	-70.00	1.90	Pass
2.07	-83.51	-inf	-61.00	0.21	Pass
3.35	-65.52	-inf	-42.00	0.15	Pass
4.87	-76.70	-inf	-17.50	0.15	Pass
5.80	-0.63	-1.30	0.30	0.15	Pass
5.98	-0.22	-0.60	0.30	0.15	Pass
6.15	-0.22	-0.40	0.30	0.15	Pass
6.31	-0.21	-0.30	0.30	0.15	Pass
6.48	-0.20	-0.40	0.30	0.15	Pass
6.66	-0.19	-0.60	0.30	0.15	Pass
6.86	-0.38	-1.30	0.30	0.15	Pass
8.17	-96.43	-inf	-17.50	0.36	Pass
11.87	-113.84	-inf	-42.00	1.50	Pass
19.27	-113.57	-inf	-61.00	1.80	Pass
34.02	-108.76	-inf	-70.00	0.63	Pass

-- End of measurement results--

1/3 Octave Filter: 1 kHz



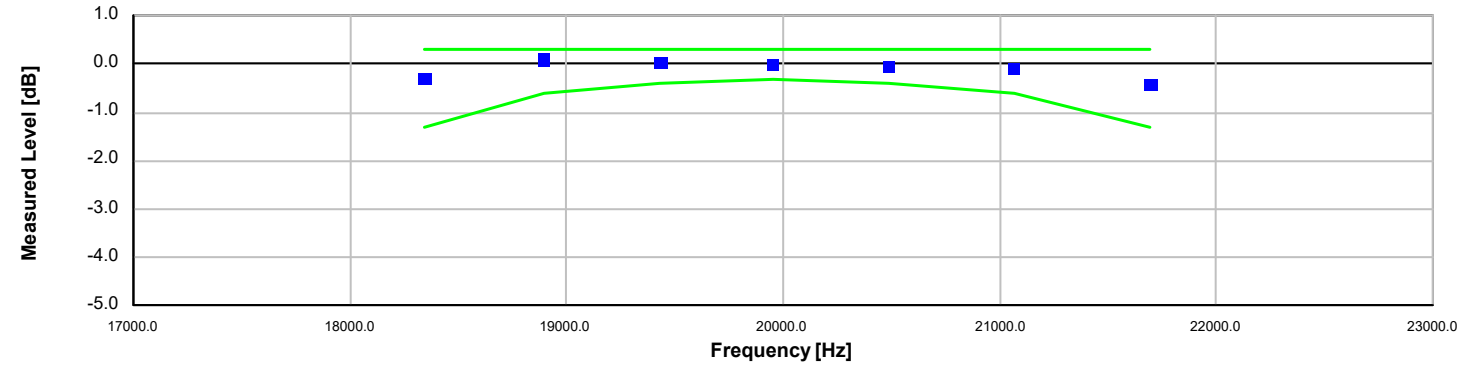


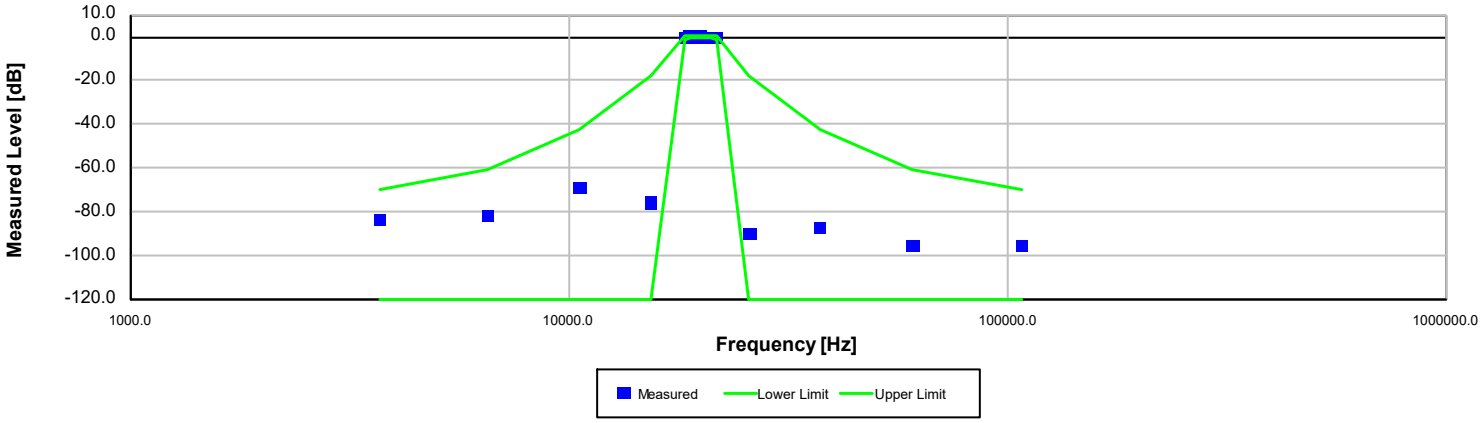
The SLM is set to normal range. Filter shape measured according to IEC 61260:2001 and ANSI S1.11:2004

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
185.46	-100.99	-inf	-70.00	0.31	Pass
327.48	-95.87	-inf	-61.00	0.16	Pass
531.43	-68.72	-inf	-42.00	0.15	Pass
772.57	-76.30	-inf	-17.50	0.15	Pass
919.58	-0.40	-1.30	0.30	0.15	Pass
947.19	0.00	-0.60	0.30	0.15	Pass
974.02	-0.04	-0.40	0.30	0.15	Pass
1,000.00	0.00	-0.30	0.30	0.15	Pass
1,026.67	0.00	-0.40	0.30	0.15	Pass
1,055.75	-0.01	-0.60	0.30	0.15	Pass
1,087.46	-0.22	-1.30	0.30	0.15	Pass
1,294.37	-96.01	-inf	-17.50	0.27	Pass
1,881.73	-101.71	-inf	-42.00	0.30	Pass
3,053.65	-102.38	-inf	-61.00	0.45	Pass
5,391.95	-101.67	-inf	-70.00	0.27	Pass

-- End of measurement results--

1/3 Octave Filter: 20 kHz





The SLM is set to normal range. Filter shape measured according to IEC 61260:2001 and ANSI S1.11:2004

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
3,700.45	-83.66	-inf	-70.00	0.16	Pass
6,534.02	-81.70	-inf	-61.00	0.16	Pass
10,603.35	-68.85	-inf	-42.00	0.15	Pass
15,414.88	-75.64	-inf	-17.50	0.15	Pass
18,347.97	-0.31	-1.30	0.30	0.15	Pass
18,898.93	0.07	-0.60	0.30	0.15	Pass
19,434.23	0.01	-0.40	0.30	0.15	Pass
19,952.62	-0.04	-0.30	0.30	0.15	Pass
20,484.85	-0.06	-0.40	0.30	0.15	Pass
21,065.07	-0.12	-0.60	0.30	0.15	Pass
21,697.62	-0.43	-1.30	0.30	0.15	Pass
25,826.16	-89.97	-inf	-17.50	0.16	Pass
37,545.40	-87.17	-inf	-42.00	0.16	Pass
60,928.37	-94.91	-inf	-61.00	0.17	Pass
107,583.52	-94.90	-inf	-70.00	0.18	Pass

-- End of measurement results--

-- End of Report--

Signatory: *Ron Harris*

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1681 West 820 North
Provo, UT 84601, United States
716-684-0001

ACCREDITED Cert. #3622.01

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Calibration Certificate

Certificate Number 2019014783

Customer:
Algoritmos SPA
Av Seminario 180
Santiago, , Chile

Model Number	CAL150		***Procedure Number***	D0001.8386	
Serial Number	6296		***Technician***	Scott Montgomery	
Test Results	**Pass**		***Calibration Date***	4 Dec 2019	
Initial Condition	As Manufactured		***Calibration Due***	4 Dec 2021	
Description	Larson Davis CAL150 Calibrator		***Temperature***	24 °C	± 0.3 °C
			Humidity	30 %RH	± 3 %RH
			Static Pressure	101.4 kPa	± 1 kPa

Evaluation Method The data is aquired by the insert voltage calibration method using the reference microphone's open circuit sensitivity. Data reported in dB re 20 µPa.

Compliance Standards Compliant to Manufacturer Specifications per D0001.8190 and the following standards:
IEC 60942:2017 ANSI S1.40-2006

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005.
Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
Agilent 34401A DMM	08/15/2019	08/15/2020	001021
Larson Davis Model 2900 Real Time Analyzer	04/02/2019	04/02/2020	001051
Microphone Calibration System	03/04/2019	03/04/2020	005446
1/2" Preamplifier	09/17/2019	09/17/2020	006506
Larson Davis 1/2" Preamplifier 7-pin LEMO	08/06/2019	08/06/2020	006507
1/2 inch Microphone - RI - 200V	05/21/2019	05/21/2020	006510
Pressure Transducer	06/24/2019	06/24/2020	007310

Output Level

Nominal Level [dB]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
114	101.4	114.00	113.70	114.30	0.14	Pass
94	101.4	94.02	93.70	94.30	0.15	Pass

-- End of measurement results--

Frequency

Nominal Level [dB]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
114	101.4	1,000.12	990.00	1,010.00	0.20	Pass
94	101.4	1,000.13	990.00	1,010.00	0.20	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N)

Nominal Level [dB]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
114	101.4	0.37	0.00	2.00	0.25 ‡	Pass
94	101.4	0.38	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Level Change Over Pressure

Tested at: 114 dB, 24 °C, 36 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
108.0	107.6	0.00	-0.40	0.40	0.04 ‡	Pass
101.3	101.3	0.00	-0.40	0.40	0.04 ‡	Pass
92.0	92.0	-0.01	-0.40	0.40	0.04 ‡	Pass
83.0	83.1	-0.04	-0.40	0.40	0.04 ‡	Pass
74.0	74.2	-0.11	-0.40	0.40	0.04 ‡	Pass
65.0	65.3	-0.22	-0.40	0.40	0.04 ‡	Pass

-- End of measurement results--

Frequency Change Over Pressure

Tested at: 114 dB, 24 °C, 36 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
108.0	107.6	0.00	-10.00	10.00	0.20 ‡	Pass
101.3	101.3	0.00	-10.00	10.00	0.20 ‡	Pass
92.0	92.0	0.00	-10.00	10.00	0.20 ‡	Pass
83.0	83.1	-0.01	-10.00	10.00	0.20 ‡	Pass
74.0	74.2	-0.01	-10.00	10.00	0.20 ‡	Pass
65.0	65.3	-0.02	-10.00	10.00	0.20 ‡	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N) Over Pressure

Tested at: 114 dB, 24 °C, 36 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
108.0	107.6	0.35	0.00	2.00	0.25 ‡	Pass
101.3	101.3	0.36	0.00	2.00	0.25 ‡	Pass
92.0	92.0	0.37	0.00	2.00	0.25 ‡	Pass
83.0	83.1	0.39	0.00	2.00	0.25 ‡	Pass
74.0	74.2	0.41	0.00	2.00	0.25 ‡	Pass
65.0	65.3	0.43	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Signatory: Scott Montgomery

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