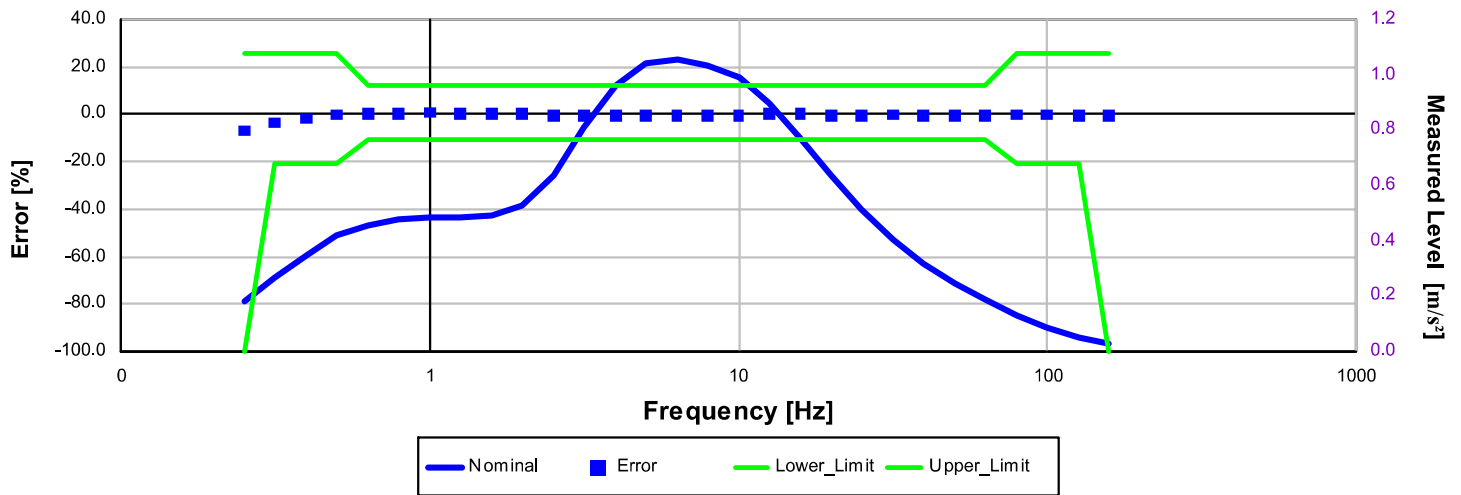


Y-Axis, Wk-weighting

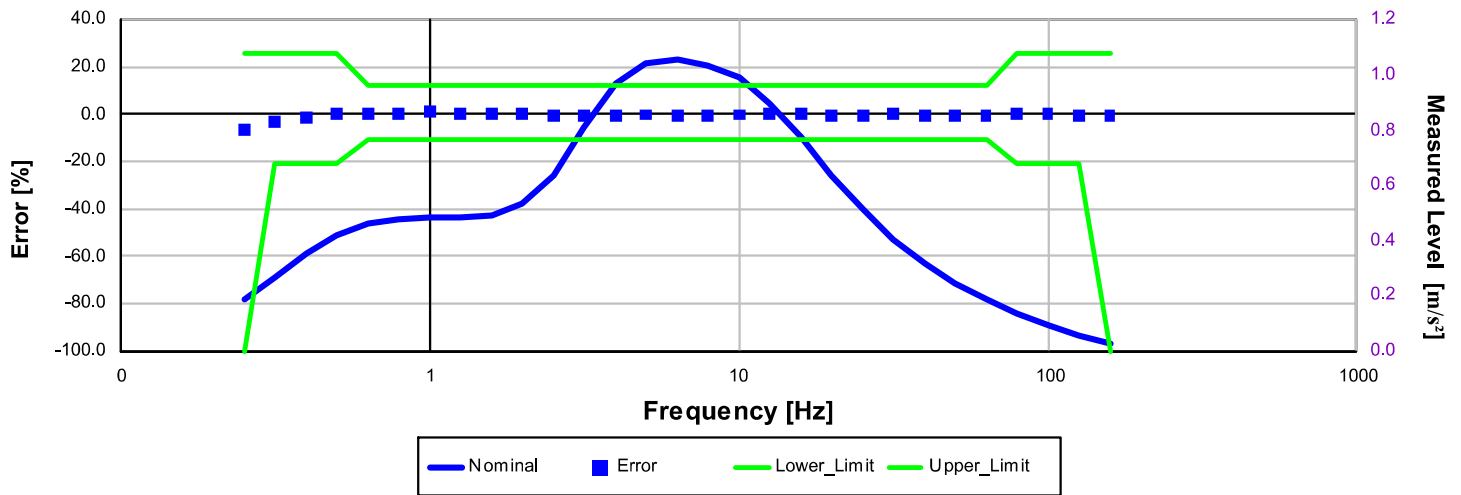


Electrical signal test of frequency weighting performed according to ISO 8041-1:2017 12.11.3 and ISO 8042-1:2021 12.11.3

Frequency [Hz]	Test Result [m/s ²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.25	0.1708	-6.78	-100	26	1.70	Pass
0.32	0.2554	-3.42	-21	26	1.70	Pass
0.40	0.3443	-1.74	-21	26	1.70	Pass
0.50	0.4185	-0.08	-21	26	1.70	Pass
0.63	0.4616	0.61	-11	12	1.70	Pass
0.79	0.4797	0.62	-11	12	1.70	Pass
1.00	0.4864	0.80	-11	12	1.70	Pass
1.26	0.4849	0.05	-11	12	1.70	Pass
1.58	0.4949	0.28	-11	12	1.70	Pass
2.00	0.5309	0.03	-11	12	1.70	Pass
2.51	0.6322	-0.21	-11	12	1.70	Pass
3.16	0.8019	-0.65	-11	12	1.70	Pass
3.98	0.9606	-0.44	-11	12	1.70	Pass
5.01	1.0372	-0.17	-11	12	1.70	Pass
6.31	1.0473	-0.64	-11	12	1.70	Pass
7.94	1.0340	-0.29	-11	12	1.70	Pass
10.00	0.9872	-0.12	-11	12	1.70	Pass
12.59	0.8992	0.03	-11	12	1.70	Pass
15.85	0.7748	0.06	-11	12	1.70	Pass
19.95	0.6353	-0.31	-11	12	1.70	Pass
25.12	0.5081	-0.42	-11	12	1.70	Pass
31.62	0.4029	-0.05	-11	12	1.70	Pass
39.81	0.3153	-0.24	-11	12	1.70	Pass
50.12	0.2442	-0.35	-11	12	1.70	Pass
63.10	0.1852	-0.29	-11	12	1.70	Pass
79.43	0.1339	-0.02	-21	26	1.70	Pass
100.00	0.0887	-0.06	-21	26	1.70	Pass
125.89	0.0529	-0.40	-21	26	1.70	Pass
158.49	0.0291	-0.33	-100	26	1.70	Pass

-- End of measurement results--

Z-Axis, Wk-weighting

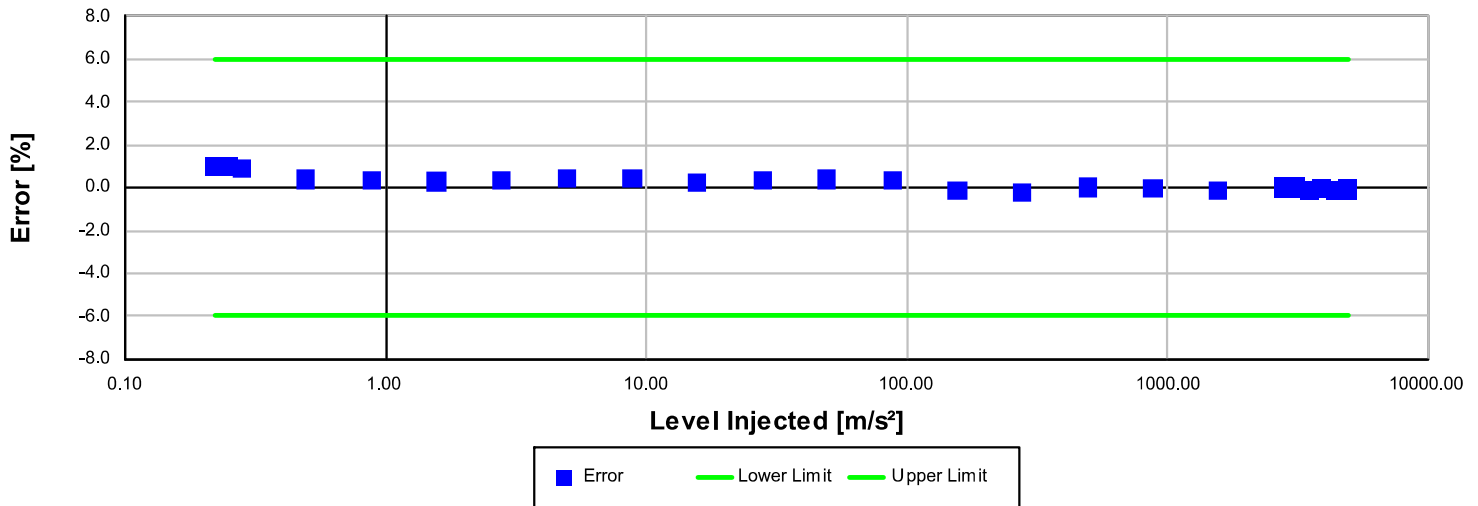


Electrical signal test of frequency weighting performed according to ISO 8041-1:2017 12.11.3 and ISO 8042-1:2021 12.11.3

Frequency [Hz]	Test Result [m/s ²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.25	0.1708	-6.76	-100	26	1.70	Pass
0.32	0.2554	-3.40	-21	26	1.70	Pass
0.40	0.3444	-1.71	-21	26	1.70	Pass
0.50	0.4186	-0.06	-21	26	1.70	Pass
0.63	0.4617	0.63	-11	12	1.70	Pass
0.79	0.4797	0.63	-11	12	1.70	Pass
1.00	0.4864	0.81	-11	12	1.70	Pass
1.26	0.4849	0.06	-11	12	1.70	Pass
1.58	0.4949	0.28	-11	12	1.70	Pass
2.00	0.5310	0.03	-11	12	1.70	Pass
2.51	0.6322	-0.20	-11	12	1.70	Pass
3.16	0.8019	-0.64	-11	12	1.70	Pass
3.98	0.9606	-0.44	-11	12	1.70	Pass
5.01	1.0372	-0.17	-11	12	1.70	Pass
6.31	1.0473	-0.64	-11	12	1.70	Pass
7.94	1.0340	-0.29	-11	12	1.70	Pass
10.00	0.9872	-0.12	-11	12	1.70	Pass
12.59	0.8991	0.03	-11	12	1.70	Pass
15.85	0.7748	0.06	-11	12	1.70	Pass
19.95	0.6353	-0.31	-11	12	1.70	Pass
25.12	0.5081	-0.42	-11	12	1.70	Pass
31.62	0.4029	-0.05	-11	12	1.70	Pass
39.81	0.3153	-0.24	-11	12	1.70	Pass
50.12	0.2442	-0.35	-11	12	1.70	Pass
63.10	0.1852	-0.29	-11	12	1.70	Pass
79.43	0.1339	-0.02	-21	26	1.70	Pass
100.00	0.0887	-0.06	-21	26	1.70	Pass
125.89	0.0529	-0.40	-21	26	1.70	Pass
158.49	0.0291	-0.33	-100	26	1.70	Pass

-- End of measurement results--

X-Axis Log Linearity at 79.43 Hz

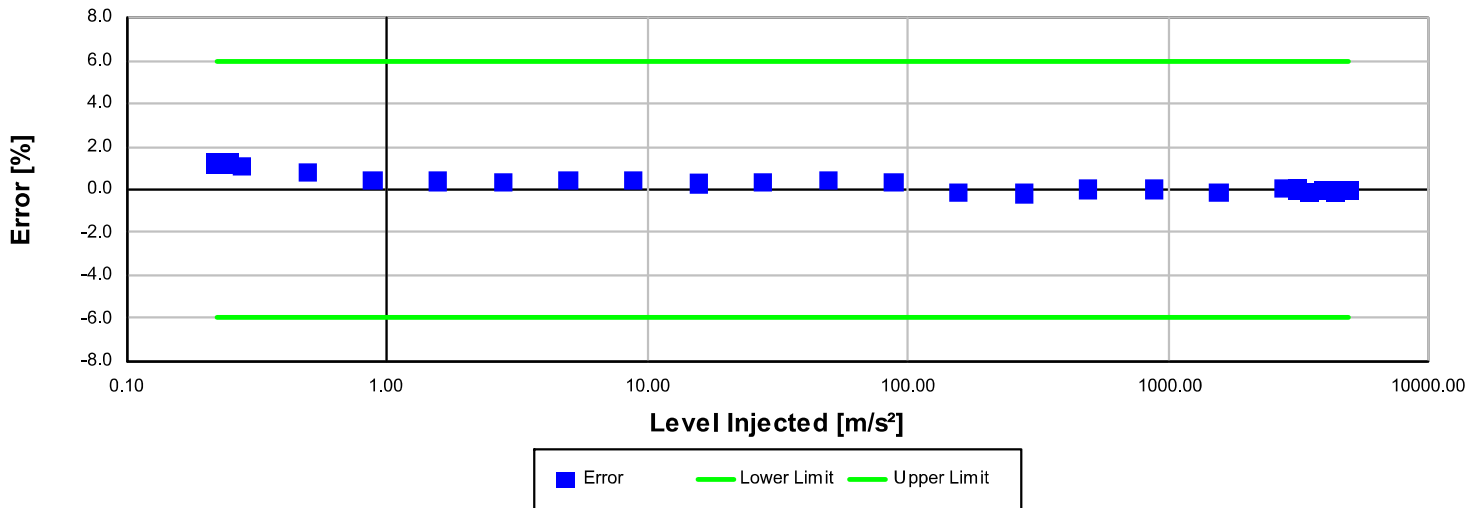


Broadband level linearity performed according to ISO 8041-1:2017 12.10.1 and ISO 8042-1:2021 12.10.1 with Fb-weighting

Level [m/s²]	Measured [m/s²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.2206	0.2227	0.98	-6.00	6.00	1.70	Pass
0.2475	0.2499	0.98	-6.00	6.00	2.00	Pass
0.2777	0.2802	0.91	-6.00	6.00	1.90	Pass
0.4938	0.4956	0.38	-6.00	6.00	1.70	Pass
0.8781	0.8810	0.33	-6.00	6.00	1.70	Pass
1.5615	1.5662	0.31	-6.00	6.00	1.70	Pass
2.7767	2.7858	0.33	-6.00	6.00	1.70	Pass
4.9377	4.9581	0.41	-6.00	6.00	1.70	Pass
8.7807	8.8190	0.44	-6.00	6.00	1.70	Pass
15.6145	15.6566	0.27	-6.00	6.00	1.70	Pass
27.7670	27.8606	0.34	-6.00	6.00	1.70	Pass
49.3775	49.5720	0.39	-6.00	6.00	1.70	Pass
87.8069	88.0881	0.32	-6.00	6.00	1.70	Pass
156.1453	155.9557	-0.12	-6.00	6.00	1.70	Pass
277.6699	277.1378	-0.19	-6.00	6.00	1.70	Pass
493.7747	493.7872	0.00	-6.00	6.00	1.70	Pass
878.0694	878.0307	0.00	-6.00	6.00	1.70	Pass
1,561.4527	1,559.3207	-0.14	-6.00	6.00	1.70	Pass
2,776.6992	2,777.3010	0.02	-6.00	6.00	1.70	Pass
3,115.5078	3,115.6557	0.00	-6.00	6.00	1.70	Pass
3,495.6572	3,490.7531	-0.14	-6.00	6.00	1.70	Pass
3,922.1919	3,920.8078	-0.04	-6.00	6.00	1.70	Pass
4,400.7717	4,396.1793	-0.10	-6.00	6.00	1.70	Pass
4,937.7471	4,934.3145	-0.07	-6.00	6.00	1.70	Pass

-- End of measurement results--

Y-Axis Log Linearity at 79.43 Hz

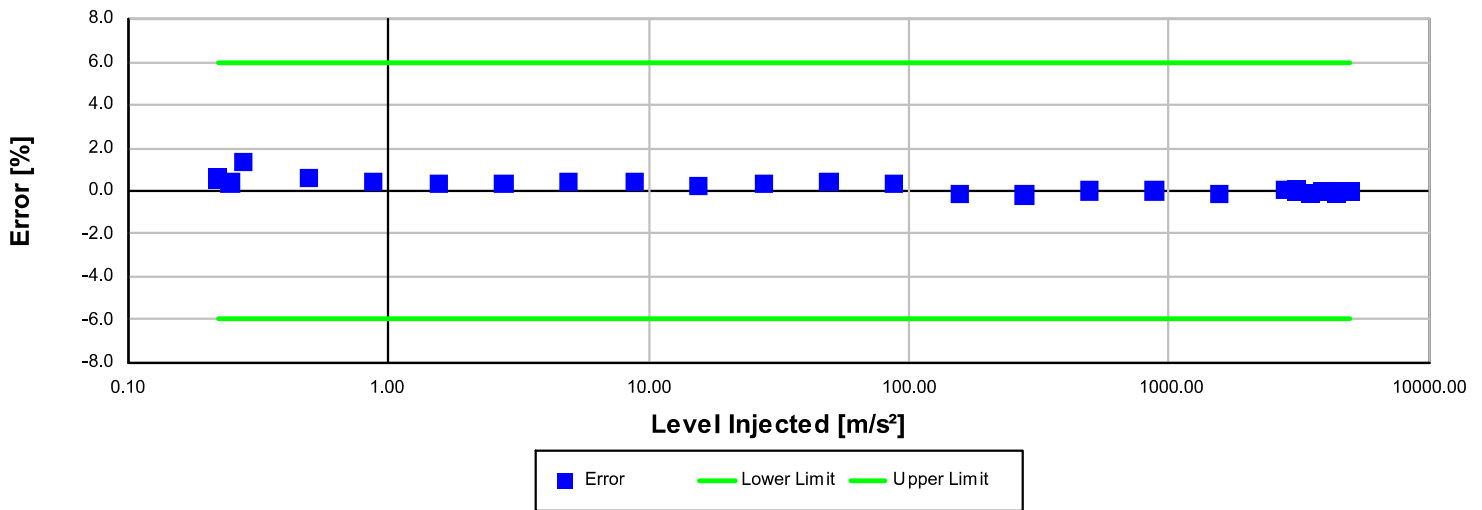


Broadband level linearity performed according to ISO 8041-1:2017 12.10.1 and ISO 8042-1:2021 12.10.1 with Fb-weighting

Level [m/s²]	Measured [m/s²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.2204	0.2231	1.22	-6.00	6.00	1.70	Pass
0.2473	0.2503	1.21	-6.00	6.00	2.00	Pass
0.2775	0.2805	1.08	-6.00	6.00	1.90	Pass
0.4934	0.4974	0.80	-6.00	6.00	1.70	Pass
0.8774	0.8811	0.41	-6.00	6.00	1.70	Pass
1.5603	1.5663	0.38	-6.00	6.00	1.70	Pass
2.7747	2.7835	0.31	-6.00	6.00	1.70	Pass
4.9342	4.9550	0.42	-6.00	6.00	1.70	Pass
8.7745	8.8131	0.44	-6.00	6.00	1.70	Pass
15.6035	15.6453	0.27	-6.00	6.00	1.70	Pass
27.7473	27.8415	0.34	-6.00	6.00	1.70	Pass
49.3425	49.5369	0.39	-6.00	6.00	1.70	Pass
87.7447	88.0255	0.32	-6.00	6.00	1.70	Pass
156.0347	155.8466	-0.12	-6.00	6.00	1.70	Pass
277.4732	276.9410	-0.19	-6.00	6.00	1.70	Pass
493.4249	493.4427	0.00	-6.00	6.00	1.70	Pass
877.4473	877.4093	0.00	-6.00	6.00	1.70	Pass
1,560.3465	1,558.2313	-0.14	-6.00	6.00	1.70	Pass
2,774.7321	2,775.3756	0.02	-6.00	6.00	1.70	Pass
3,113.3007	3,113.4723	0.01	-6.00	6.00	1.70	Pass
3,493.1808	3,488.3336	-0.14	-6.00	6.00	1.70	Pass
3,919.4133	3,918.0699	-0.03	-6.00	6.00	1.70	Pass
4,397.6541	4,393.1664	-0.10	-6.00	6.00	1.70	Pass
4,934.2490	4,930.9438	-0.07	-6.00	6.00	1.70	Pass

-- End of measurement results--

Z-Axis Log Linearity at 79.43 Hz

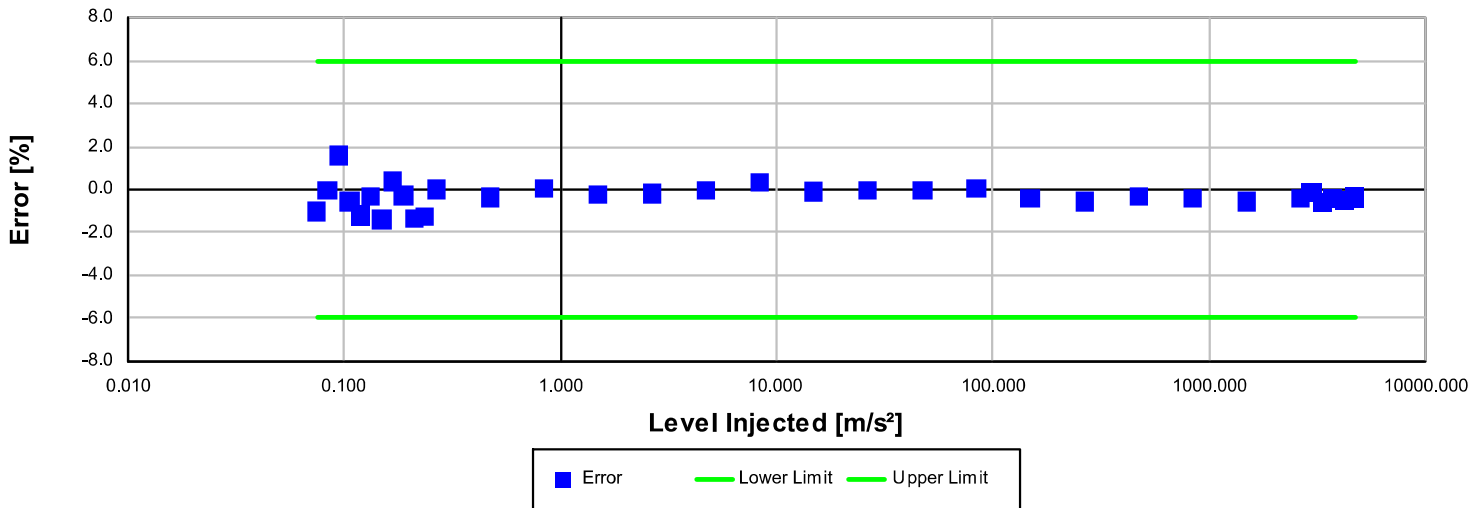


Broadband level linearity performed according to ISO 8041-1:2017 12.10.1 and ISO 8042-1:2021 12.10.1 with Fb-weighting

Level [m/s ²]	Measured [m/s ²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.2204	0.2217	0.56	-6.00	6.00	1.70	Pass
0.2473	0.2483	0.38	-6.00	6.00	2.00	Pass
0.2775	0.2812	1.32	-6.00	6.00	1.90	Pass
0.4935	0.4964	0.59	-6.00	6.00	1.70	Pass
0.8776	0.8814	0.44	-6.00	6.00	1.70	Pass
1.5606	1.5654	0.31	-6.00	6.00	1.70	Pass
2.7751	2.7833	0.29	-6.00	6.00	1.70	Pass
4.9349	4.9556	0.42	-6.00	6.00	1.70	Pass
8.7757	8.8145	0.44	-6.00	6.00	1.70	Pass
15.6056	15.6471	0.27	-6.00	6.00	1.70	Pass
27.7511	27.8450	0.34	-6.00	6.00	1.70	Pass
49.3492	49.5436	0.39	-6.00	6.00	1.70	Pass
87.7567	88.0365	0.32	-6.00	6.00	1.70	Pass
156.0560	155.8680	-0.12	-6.00	6.00	1.70	Pass
277.5111	276.9824	-0.19	-6.00	6.00	1.70	Pass
493.4923	493.5016	0.00	-6.00	6.00	1.70	Pass
877.5673	877.5313	0.00	-6.00	6.00	1.70	Pass
1,560.5598	1,558.4423	-0.14	-6.00	6.00	1.70	Pass
2,775.1113	2,775.7518	0.02	-6.00	6.00	1.70	Pass
3,113.7261	3,113.9352	0.01	-6.00	6.00	1.70	Pass
3,493.6582	3,488.8180	-0.14	-6.00	6.00	1.70	Pass
3,919.9489	3,918.6039	-0.03	-6.00	6.00	1.70	Pass
4,398.2551	4,393.7559	-0.10	-6.00	6.00	1.70	Pass
4,934.9233	4,931.6008	-0.07	-6.00	6.00	1.70	Pass

-- End of measurement results--

X-Axis Log Linearity at 12.59 Hz

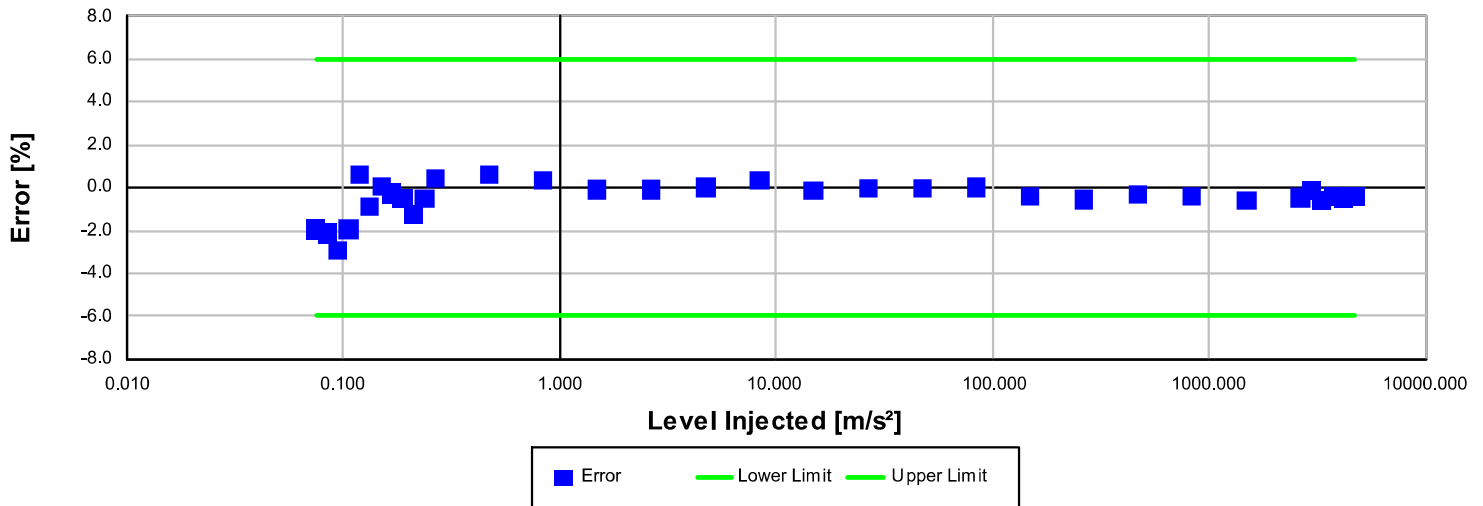


Broadband level linearity with Wh-weighting

Level [m/s ²]	Measured [m/s ²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.0748	0.0740	-1.03	-6.00	6.00	1.70	Pass
0.0839	0.0839	-0.04	-6.00	6.00	1.70	Pass
0.0942	0.0956	1.59	-6.00	6.00	2.70	Pass
0.1056	0.1050	-0.57	-6.00	6.00	2.50	Pass
0.1185	0.1171	-1.23	-6.00	6.00	2.30	Pass
0.1330	0.1326	-0.32	-6.00	6.00	2.00	Pass
0.1492	0.1471	-1.39	-6.00	6.00	2.10	Pass
0.1674	0.1681	0.38	-6.00	6.00	2.10	Pass
0.1879	0.1873	-0.29	-6.00	6.00	2.10	Pass
0.2108	0.2079	-1.35	-6.00	6.00	2.00	Pass
0.2365	0.2335	-1.25	-6.00	6.00	1.90	Pass
0.2654	0.2654	0.00	-6.00	6.00	1.90	Pass
0.4719	0.4701	-0.38	-6.00	6.00	1.70	Pass
0.8391	0.8397	0.07	-6.00	6.00	1.80	Pass
1.4922	1.4892	-0.20	-6.00	6.00	1.70	Pass
2.6536	2.6485	-0.19	-6.00	6.00	1.70	Pass
4.7188	4.7170	-0.04	-6.00	6.00	1.70	Pass
8.3913	8.4178	0.32	-6.00	6.00	1.70	Pass
14.9220	14.9085	-0.09	-6.00	6.00	1.70	Pass
26.5355	26.5246	-0.04	-6.00	6.00	1.70	Pass
47.1876	47.1625	-0.05	-6.00	6.00	1.80	Pass
83.9127	83.9337	0.02	-6.00	6.00	1.80	Pass
149.2203	148.5661	-0.44	-6.00	6.00	1.70	Pass
265.3554	263.8782	-0.56	-6.00	6.00	1.70	Pass
471.8760	470.2858	-0.34	-6.00	6.00	1.70	Pass
839.1273	835.6438	-0.42	-6.00	6.00	1.70	Pass
1,492.2029	1,483.7622	-0.57	-6.00	6.00	1.80	Pass
2,653.5536	2,641.6447	-0.45	-6.00	6.00	1.70	Pass
2,977.3361	2,973.6141	-0.13	-6.00	6.00	1.70	Pass
3,340.6261	3,320.9703	-0.59	-6.00	6.00	1.70	Pass
3,748.2441	3,731.7367	-0.44	-6.00	6.00	1.70	Pass
4,205.5991	4,183.1832	-0.53	-6.00	6.00	1.70	Pass
4,718.7598	4,700.9813	-0.38	-6.00	6.00	1.70	Pass

-- End of measurement results--

Y-Axis Log Linearity at 12.59 Hz

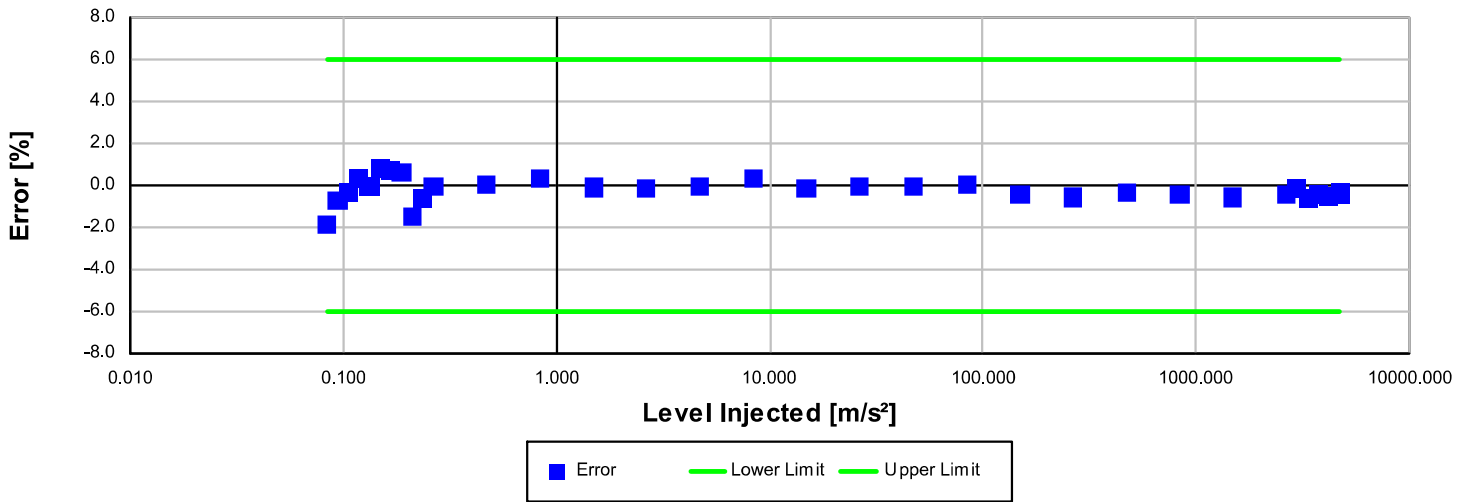


Broadband level linearity with Wh-weighting

Level [m/s²]	Measured [m/s²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.0747	0.0733	-1.94	-6.00	6.00	1.70	Pass
0.0839	0.0821	-2.14	-6.00	6.00	1.70	Pass
0.0941	0.0914	-2.90	-6.00	6.00	2.70	Pass
0.1056	0.1035	-1.96	-6.00	6.00	2.50	Pass
0.1184	0.1192	0.64	-6.00	6.00	2.30	Pass
0.1329	0.1318	-0.85	-6.00	6.00	2.00	Pass
0.1491	0.1492	0.08	-6.00	6.00	2.10	Pass
0.1673	0.1668	-0.28	-6.00	6.00	2.10	Pass
0.1877	0.1867	-0.52	-6.00	6.00	2.10	Pass
0.2106	0.2081	-1.22	-6.00	6.00	2.00	Pass
0.2363	0.2352	-0.49	-6.00	6.00	1.90	Pass
0.2652	0.2664	0.46	-6.00	6.00	1.90	Pass
0.4715	0.4744	0.61	-6.00	6.00	1.70	Pass
0.8385	0.8413	0.33	-6.00	6.00	1.80	Pass
1.4911	1.4899	-0.08	-6.00	6.00	1.70	Pass
2.6516	2.6493	-0.09	-6.00	6.00	1.70	Pass
4.7154	4.7154	0.00	-6.00	6.00	1.70	Pass
8.3852	8.4118	0.32	-6.00	6.00	1.70	Pass
14.9112	14.8961	-0.10	-6.00	6.00	1.70	Pass
26.5164	26.5042	-0.05	-6.00	6.00	1.70	Pass
47.1535	47.1316	-0.05	-6.00	6.00	1.80	Pass
83.8521	83.8728	0.02	-6.00	6.00	1.80	Pass
149.1125	148.4614	-0.44	-6.00	6.00	1.70	Pass
265.1636	263.6870	-0.56	-6.00	6.00	1.70	Pass
471.5350	469.9429	-0.34	-6.00	6.00	1.70	Pass
838.5210	835.0487	-0.41	-6.00	6.00	1.70	Pass
1,491.1246	1,482.6979	-0.57	-6.00	6.00	1.80	Pass
2,651.6362	2,639.7465	-0.45	-6.00	6.00	1.70	Pass
2,975.1848	2,971.4920	-0.12	-6.00	6.00	1.70	Pass
3,338.2122	3,318.5992	-0.59	-6.00	6.00	1.70	Pass
3,745.5357	3,729.0430	-0.44	-6.00	6.00	1.70	Pass
4,202.5602	4,180.1273	-0.53	-6.00	6.00	1.70	Pass
4,715.3501	4,697.6098	-0.38	-6.00	6.00	1.70	Pass

-- End of measurement results--

Z-Axis Log Linearity at 12.59 Hz



Broadband level linearity with Wh-weighting

Level [m/s ²]	Measured [m/s ²]	Error [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
0.0839	0.0823	-1.85	-6.00	6.00	1.70	Pass
0.0941	0.0934	-0.70	-6.00	6.00	2.70	Pass
0.1056	0.1053	-0.29	-6.00	6.00	2.50	Pass
0.1185	0.1189	0.34	-6.00	6.00	2.30	Pass
0.1329	0.1329	-0.03	-6.00	6.00	2.00	Pass
0.1491	0.1504	0.82	-6.00	6.00	2.10	Pass
0.1673	0.1686	0.73	-6.00	6.00	2.10	Pass
0.1878	0.1889	0.61	-6.00	6.00	2.10	Pass
0.2107	0.2076	-1.46	-6.00	6.00	2.00	Pass
0.2364	0.2350	-0.59	-6.00	6.00	1.90	Pass
0.2652	0.2652	-0.01	-6.00	6.00	1.90	Pass
0.4716	0.4719	0.05	-6.00	6.00	1.70	Pass
0.8387	0.8417	0.36	-6.00	6.00	1.80	Pass
1.4914	1.4901	-0.08	-6.00	6.00	1.70	Pass
2.6520	2.6480	-0.15	-6.00	6.00	1.70	Pass
4.7161	4.7148	-0.03	-6.00	6.00	1.70	Pass
8.3865	8.4127	0.31	-6.00	6.00	1.70	Pass
14.9135	14.8979	-0.11	-6.00	6.00	1.70	Pass
26.5205	26.5064	-0.05	-6.00	6.00	1.70	Pass
47.1608	47.1399	-0.04	-6.00	6.00	1.80	Pass
83.8650	83.8852	0.02	-6.00	6.00	1.80	Pass
149.1355	148.4821	-0.44	-6.00	6.00	1.70	Pass
265.2045	263.7267	-0.56	-6.00	6.00	1.70	Pass
471.6077	470.0123	-0.34	-6.00	6.00	1.70	Pass
838.6503	835.1697	-0.42	-6.00	6.00	1.70	Pass
1,491.3545	1,482.9140	-0.57	-6.00	6.00	1.80	Pass
2,652.0451	2,640.1129	-0.45	-6.00	6.00	1.70	Pass
2,975.6435	2,971.9039	-0.13	-6.00	6.00	1.70	Pass
3,338.7269	3,319.0852	-0.59	-6.00	6.00	1.70	Pass
3,746.1132	3,729.5848	-0.44	-6.00	6.00	1.70	Pass
4,203.2082	4,180.7820	-0.53	-6.00	6.00	1.70	Pass
4,716.0771	4,698.3148	-0.38	-6.00	6.00	1.70	Pass

-- End of measurement results--

Overload Detector

Overload indication performed according to ISO 8041-1:2017 12.14 and ISO 8042-1:2021 12.14 with Fb-weighting

Measurement	Nominal [m/s ²]	Test Result [m/s ²]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
X-Axis: Negative	4,931.68	4,931.68	-15.00	15.00	2.00	Pass
X-Axis: Positive	4,931.68	5,046.56	-15.00	15.00	2.00	Pass
Y-Axis: Negative	4,931.68	5,046.56	-15.00	15.00	2.00	Pass
Y-Axis: Positive	4,931.68	4,931.68	-15.00	15.00	2.00	Pass
Z-Axis: Negative	4,931.68	4,988.79	-15.00	15.00	2.00	Pass
Z-Axis: Positive	4,931.68	4,931.68	-15.00	15.00	2.00	Pass

-- End of measurement results--

Overload Comparison

Overload indication performed according to ISO 8041-1:2017 12.14 and ISO 8041-2:2021 12.16 with Fb-weighting

Measurement	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
X-Axis	-2.28	-15.00	15.00	2.30	Pass
Y-Axis	2.33	-15.00	15.00	2.30	Pass
Z-Axis	1.16	-15.00	15.00	2.30	Pass

-- End of measurement results--

Cross-talk (Fb-weighting)

Cross-talk performed according to ISO 8041-1:2017 12.8 and ISO 8041-2:2021 12.8

Injected : Read	Test Result [%]	Upper Limit [%]	Expanded Uncertainty [%]	Result
X-Axis : Y-Axis	0.002	0.50	1.70	Pass
X-Axis : Z-Axis	0.002	0.50	1.70	Pass
Y-Axis : X-Axis	0.001	0.50	1.70	Pass
Y-Axis : Z-Axis	0.001	0.50	1.70	Pass
Z-Axis : X-Axis	0.001	0.50	1.70	Pass
Z-Axis : Y-Axis	0.001	0.50	1.70	Pass

-- End of measurement results--

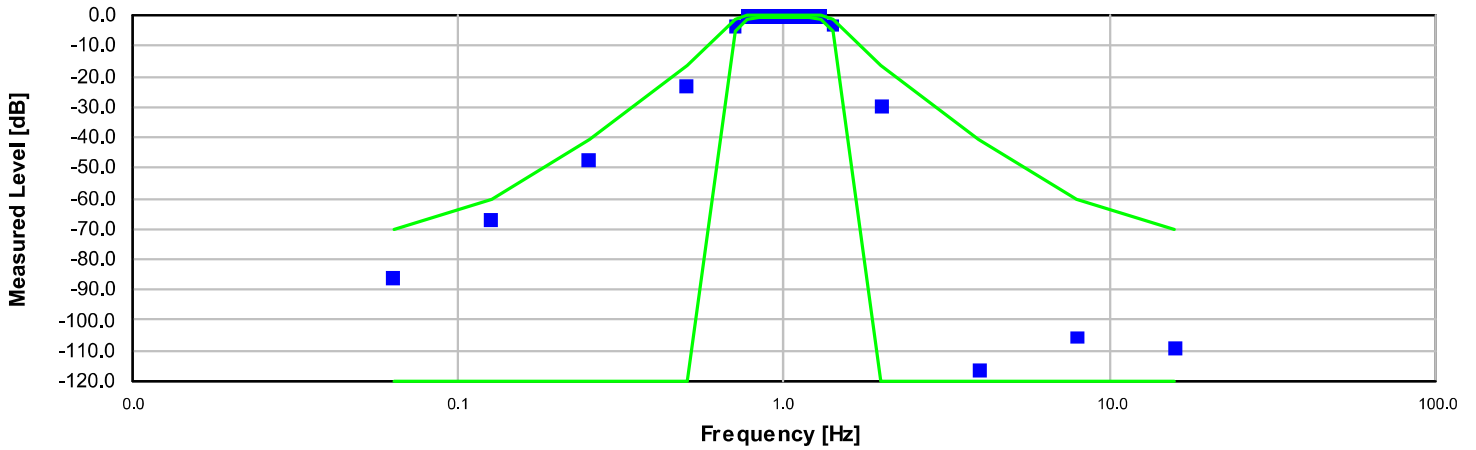
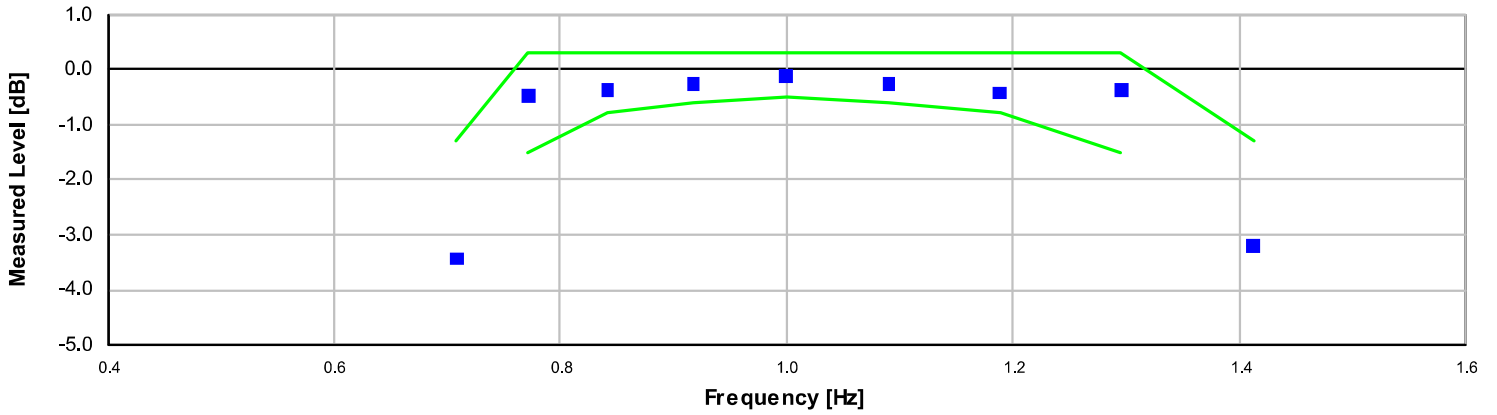
Combined Output (Fb-weighting)

Combined Output performed according to ISO 8041-1:2017 12.16 and ISO 8041-2:2021 12.16

Measurement	Test Result [m/s ²]	Lower Limit [m/s ²]	Upper Limit [m/s ²]	Expanded Uncertainty [m/s ²]	Result
<i>Calculated</i>	1,703.22	1,655.04	1,757.41	25.00	Pass
<i>Inverted, X-Axis</i>	1,704.48	1,669.16	1,737.29	25.00	Pass
<i>Inverted, Y-Axis</i>	1,702.32	1,669.16	1,737.29	25.00	Pass
<i>Inverted, Z-Axis</i>	1,701.20	1,669.16	1,737.29	25.00	Pass

-- End of measurement results--

X-Axis 1/1 Octave Filter: 1.0 Hz

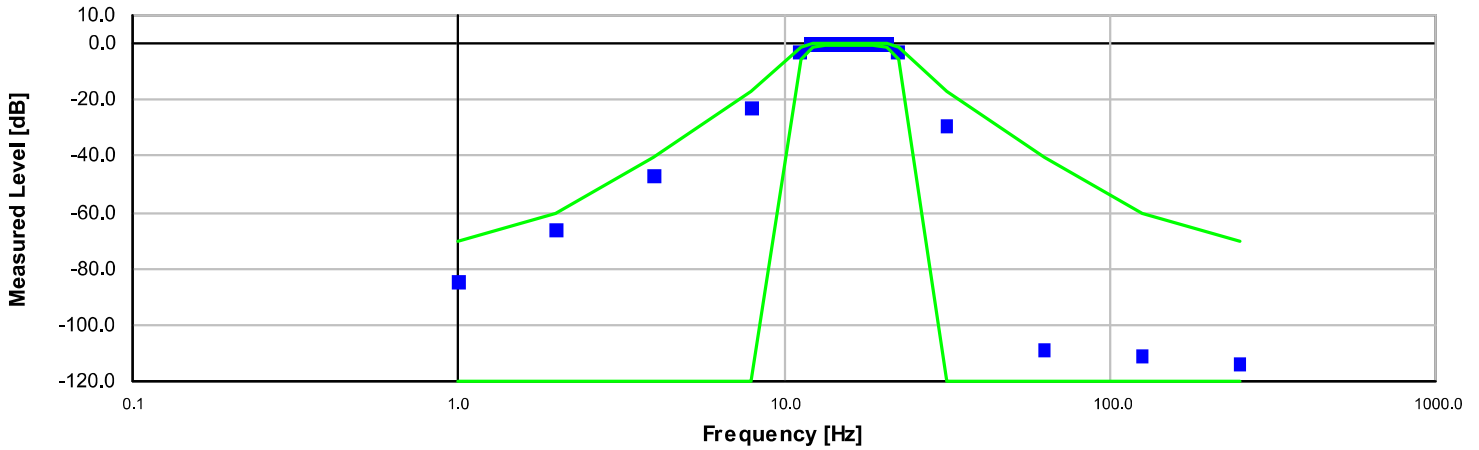
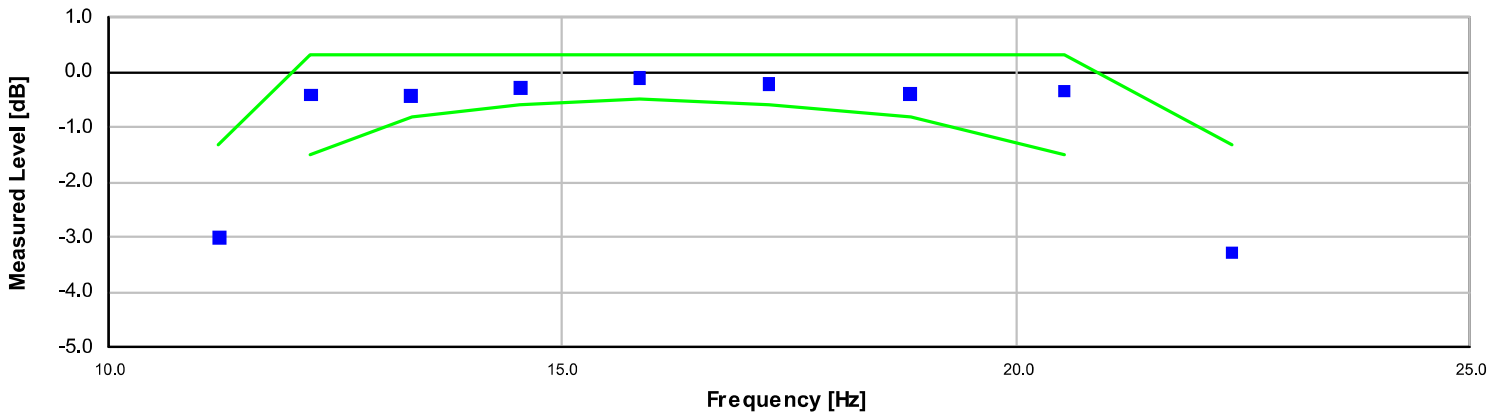


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.06	-86.10	-inf	-70.10	0.25	Pass
0.13	-67.24	-inf	-60.10	0.20	Pass
0.25	-47.40	-inf	-40.60	0.18	Pass
0.50	-23.20	-inf	-16.70	0.18	Pass
0.71	-3.44	-5.40	-1.30	0.16	Pass
0.77	-0.47	-1.50	0.30	0.17	Pass
0.84	-0.38	-0.80	0.30	0.17	Pass
0.92	-0.26	-0.60	0.30	0.15	Pass
1.00	-0.11	-0.50	0.30	0.15	Pass
1.09	-0.26	-0.60	0.30	0.15	Pass
1.19	-0.43	-0.80	0.30	0.15	Pass
1.30	-0.38	-1.50	0.30	0.15	Pass
1.41	-3.21	-5.40	-1.30	0.20	Pass
2.00	-29.74	-inf	-16.70	0.23	Pass
3.98	-116.36	-inf	-40.60	3.40	Pass
7.94	-105.65	-inf	-60.10	4.10	Pass
15.85	-109.33	-inf	-70.10	3.40	Pass

-- End of measurement results--

X-Axis 1/1 Octave Filter: 16.0 Hz

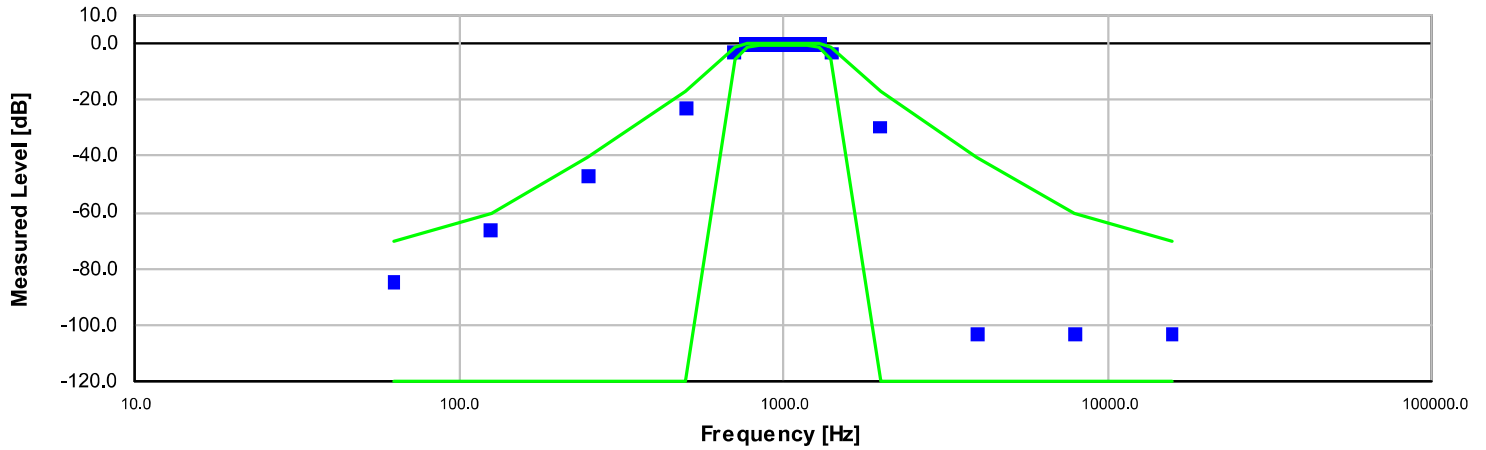
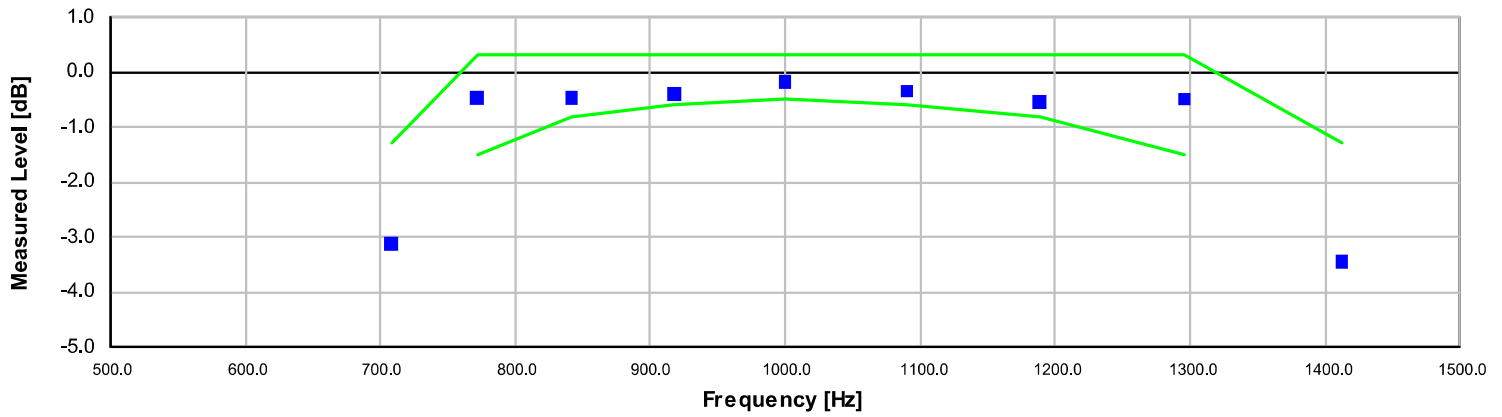


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
1.00	-84.79	-inf	-70.10	0.19	Pass
2.00	-66.45	-inf	-60.10	0.18	Pass
3.98	-47.13	-inf	-40.60	0.18	Pass
7.94	-22.93	-inf	-16.70	0.18	Pass
11.22	-3.00	-5.40	-1.30	0.16	Pass
12.23	-0.41	-1.50	0.30	0.15	Pass
13.34	-0.42	-0.80	0.30	0.15	Pass
14.54	-0.30	-0.60	0.30	0.15	Pass
15.85	-0.09	-0.50	0.30	0.15	Pass
17.28	-0.22	-0.60	0.30	0.15	Pass
18.84	-0.39	-0.80	0.30	0.15	Pass
20.54	-0.34	-1.50	0.30	0.15	Pass
22.39	-3.28	-5.40	-1.30	0.21	Pass
31.62	-29.63	-inf	-16.70	0.23	Pass
63.10	-108.89	-inf	-40.60	2.60	Pass
125.89	-111.06	-inf	-60.10	1.90	Pass
251.19	-113.95	-inf	-70.10	1.90	Pass

-- End of measurement results--

X-Axis 1/1 Octave Filter: 1 kHz

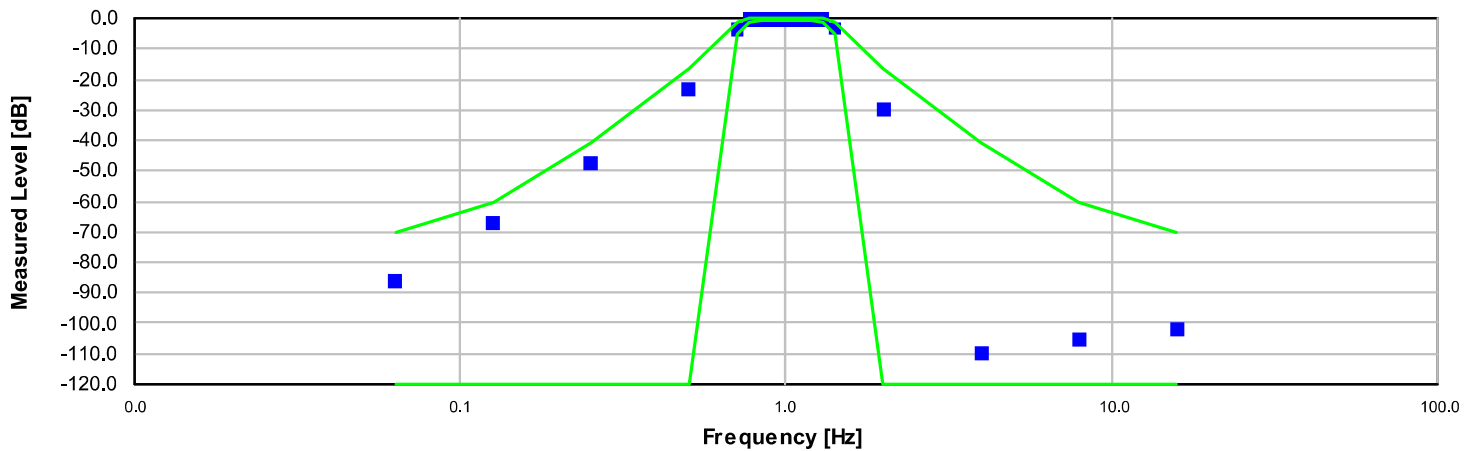
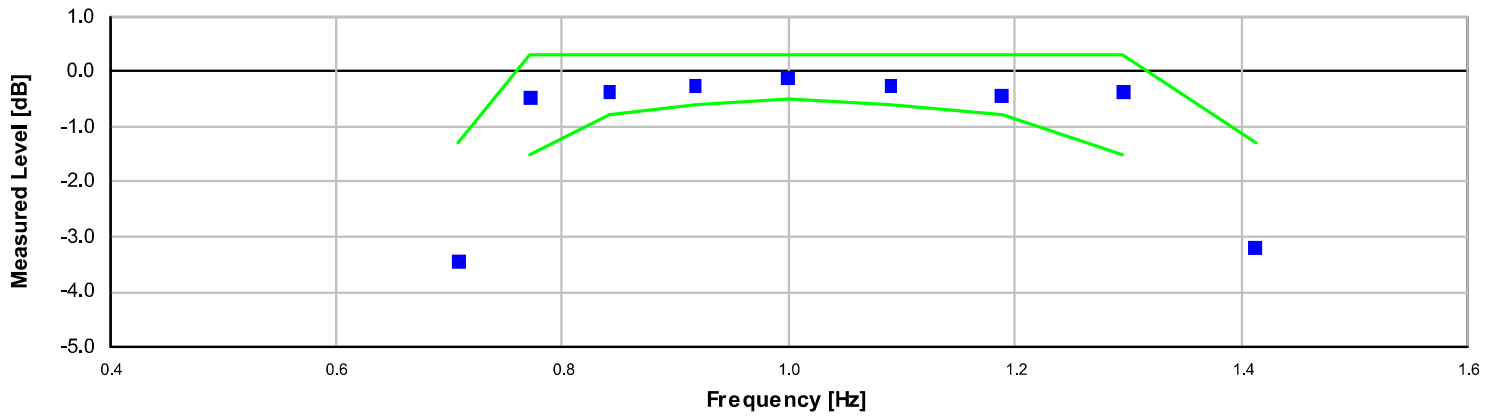


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
63.10	-84.73	-inf	-70.10	0.28	Pass
125.89	-66.47	-inf	-60.10	0.18	Pass
251.19	-47.18	-inf	-40.60	0.18	Pass
501.19	-22.99	-inf	-16.70	0.18	Pass
707.95	-3.13	-5.40	-1.30	0.16	Pass
771.79	-0.48	-1.50	0.30	0.15	Pass
841.40	-0.47	-0.80	0.30	0.15	Pass
917.28	-0.39	-0.60	0.30	0.15	Pass
1,000.00	-0.17	-0.50	0.30	0.15	Pass
1,090.18	-0.34	-0.60	0.30	0.16	Pass
1,188.50	-0.55	-0.80	0.30	0.15	Pass
1,295.69	-0.49	-1.50	0.30	0.16	Pass
1,412.54	-3.46	-5.40	-1.30	0.21	Pass
1,995.26	-29.81	-inf	-16.70	0.23	Pass
3,981.07	-103.16	-inf	-40.60	1.40	Pass
7,943.28	-103.35	-inf	-60.10	2.70	Pass
15,848.93	-103.27	-inf	-70.10	2.10	Pass

-- End of measurement results--

Y-Axis 1/1 Octave Filter: 1.0 Hz

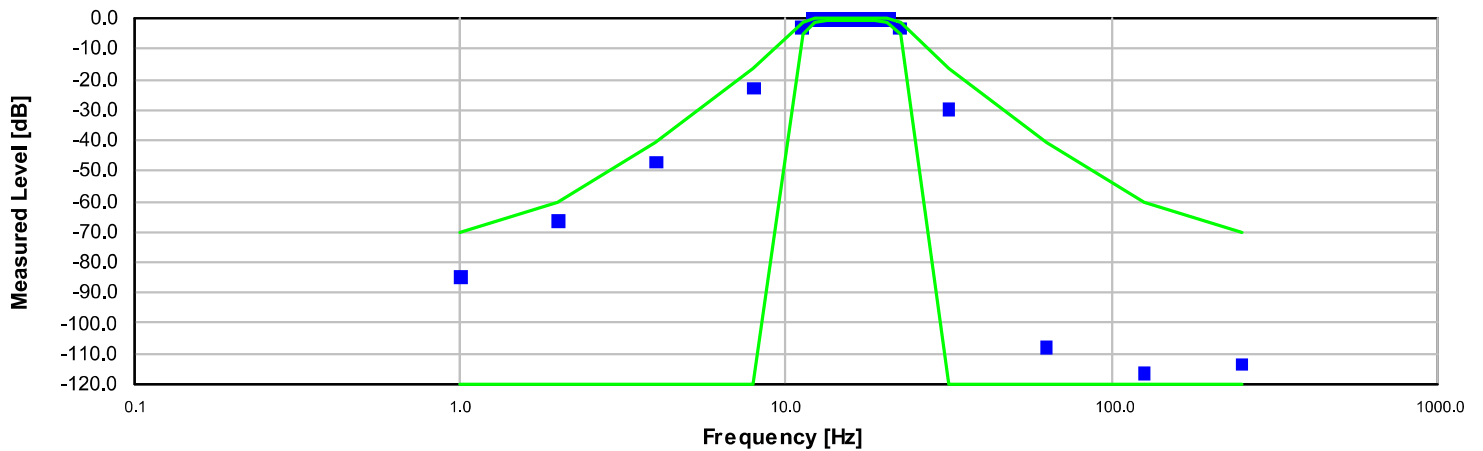
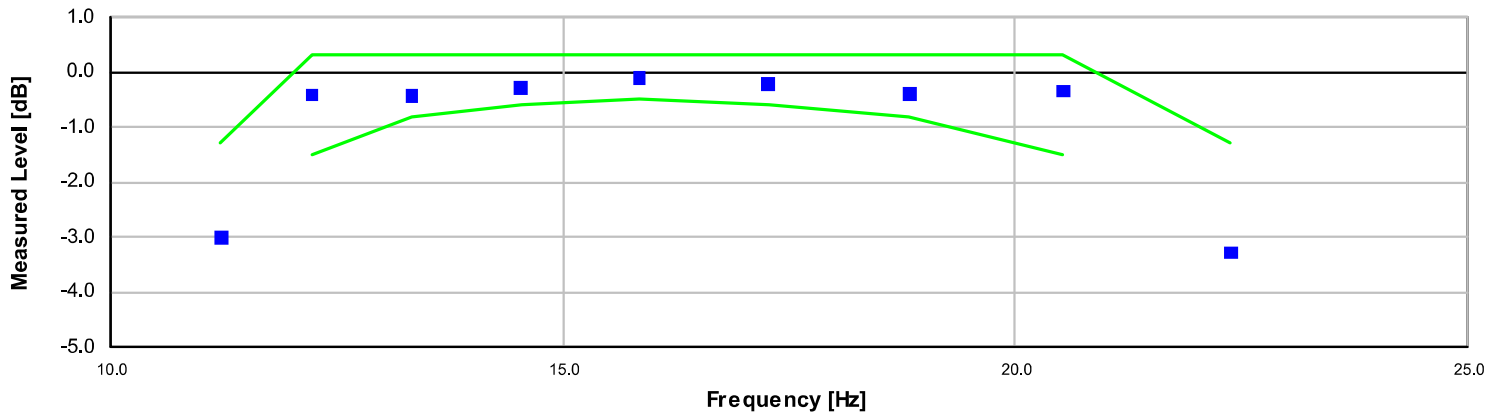


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.06	-86.08	-inf	-70.10	0.25	Pass
0.13	-67.24	-inf	-60.10	0.20	Pass
0.25	-47.40	-inf	-40.60	0.18	Pass
0.50	-23.20	-inf	-16.70	0.18	Pass
0.71	-3.44	-5.40	-1.30	0.16	Pass
0.77	-0.47	-1.50	0.30	0.17	Pass
0.84	-0.38	-0.80	0.30	0.17	Pass
0.92	-0.27	-0.60	0.30	0.15	Pass
1.00	-0.11	-0.50	0.30	0.15	Pass
1.09	-0.26	-0.60	0.30	0.15	Pass
1.19	-0.43	-0.80	0.30	0.15	Pass
1.30	-0.38	-1.50	0.30	0.15	Pass
1.41	-3.21	-5.40	-1.30	0.20	Pass
2.00	-29.74	-inf	-16.70	0.23	Pass
3.98	-110.02	-inf	-40.60	3.40	Pass
7.94	-105.23	-inf	-60.10	4.10	Pass
15.85	-102.14	-inf	-70.10	3.40	Pass

-- End of measurement results--

Y-Axis 1/1 Octave Filter: 16.0 Hz

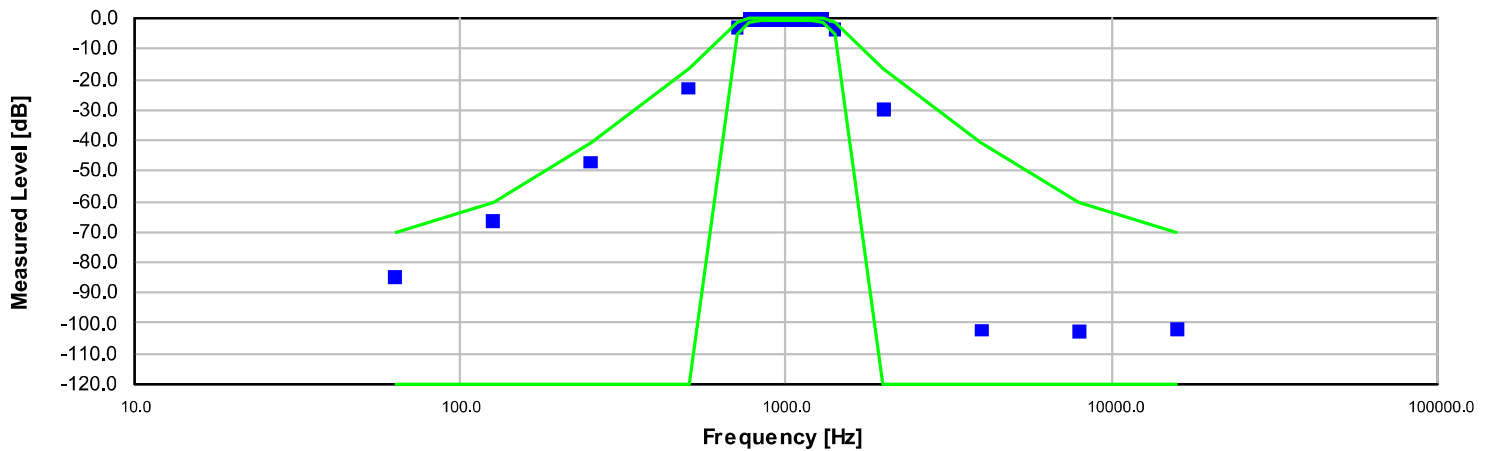
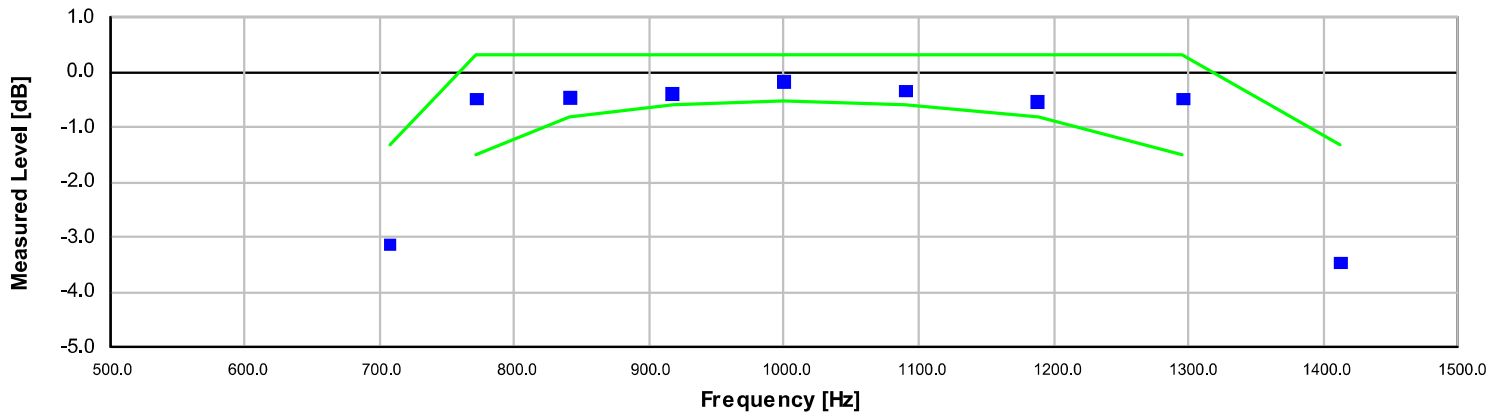


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
1.00	-84.78	-inf	-70.10	0.19	Pass
2.00	-66.45	-inf	-60.10	0.18	Pass
3.98	-47.13	-inf	-40.60	0.18	Pass
7.94	-22.93	-inf	-16.70	0.18	Pass
11.22	-3.00	-5.40	-1.30	0.16	Pass
12.23	-0.41	-1.50	0.30	0.15	Pass
13.34	-0.42	-0.80	0.30	0.15	Pass
14.54	-0.30	-0.60	0.30	0.15	Pass
15.85	-0.09	-0.50	0.30	0.15	Pass
17.28	-0.22	-0.60	0.30	0.15	Pass
18.84	-0.39	-0.80	0.30	0.15	Pass
20.54	-0.34	-1.50	0.30	0.15	Pass
22.39	-3.28	-5.40	-1.30	0.21	Pass
31.62	-29.63	-inf	-16.70	0.23	Pass
63.10	-108.05	-inf	-40.60	2.60	Pass
125.89	-116.42	-inf	-60.10	1.90	Pass
251.19	-113.42	-inf	-70.10	1.90	Pass

-- End of measurement results--

Y-Axis 1/1 Octave Filter: 1 kHz

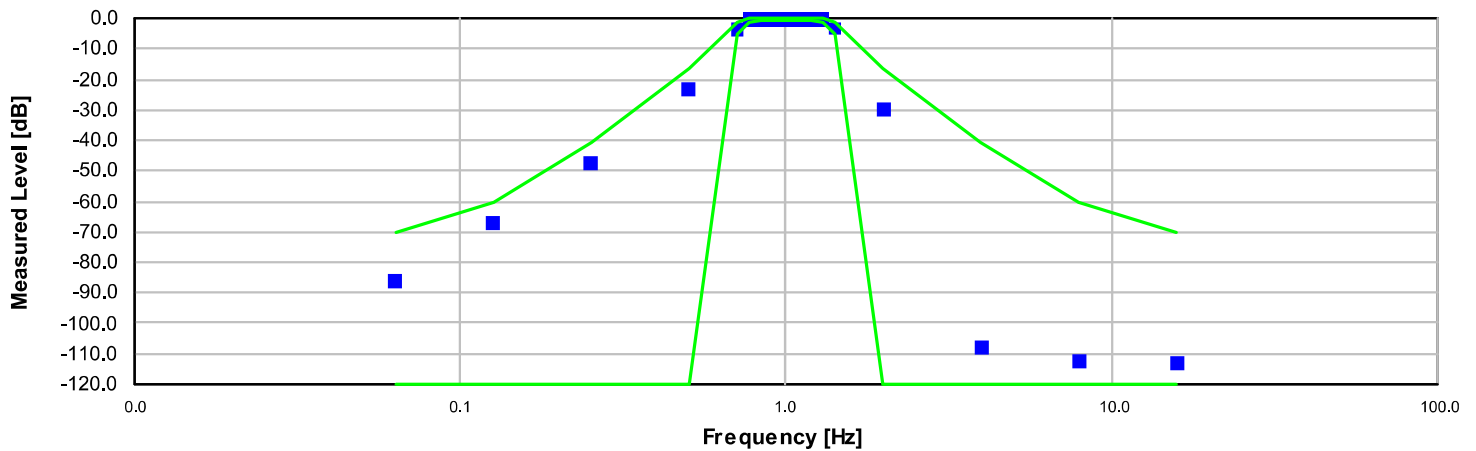
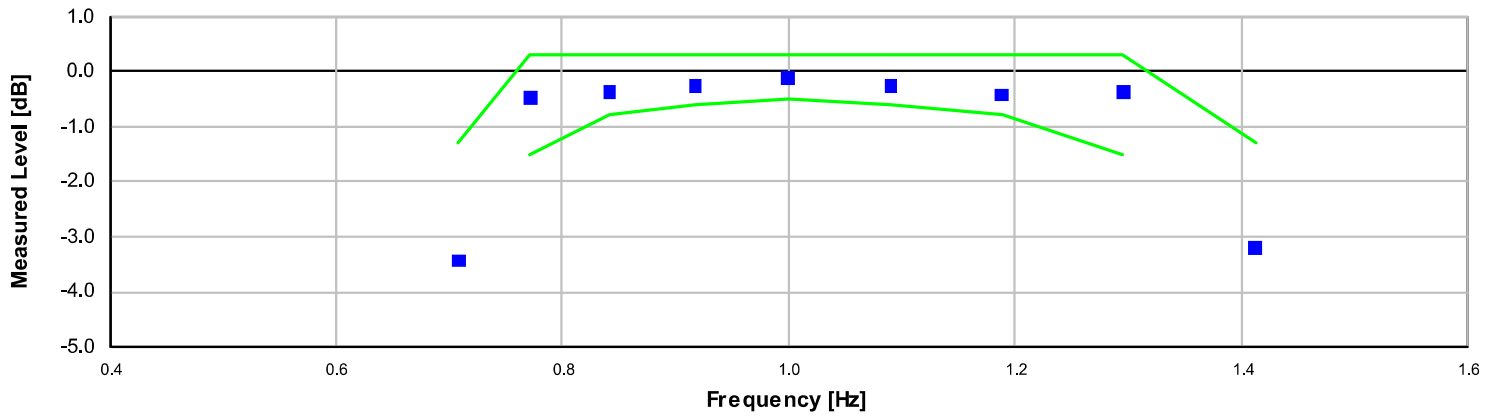


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
63.10	-84.73	-inf	-70.10	0.28	Pass
125.89	-66.47	-inf	-60.10	0.18	Pass
251.19	-47.18	-inf	-40.60	0.18	Pass
501.19	-22.99	-inf	-16.70	0.18	Pass
707.95	-3.13	-5.40	-1.30	0.16	Pass
771.79	-0.48	-1.50	0.30	0.15	Pass
841.40	-0.47	-0.80	0.30	0.15	Pass
917.28	-0.39	-0.60	0.30	0.15	Pass
1,000.00	-0.17	-0.50	0.30	0.15	Pass
1,090.18	-0.34	-0.60	0.30	0.16	Pass
1,188.50	-0.55	-0.80	0.30	0.15	Pass
1,295.69	-0.49	-1.50	0.30	0.16	Pass
1,412.54	-3.46	-5.40	-1.30	0.21	Pass
1,995.26	-29.80	-inf	-16.70	0.23	Pass
3,981.07	-102.22	-inf	-40.60	1.40	Pass
7,943.28	-102.69	-inf	-60.10	2.70	Pass
15,848.93	-102.20	-inf	-70.10	2.10	Pass

-- End of measurement results--

Z-Axis 1/1 Octave Filter: 1.0 Hz

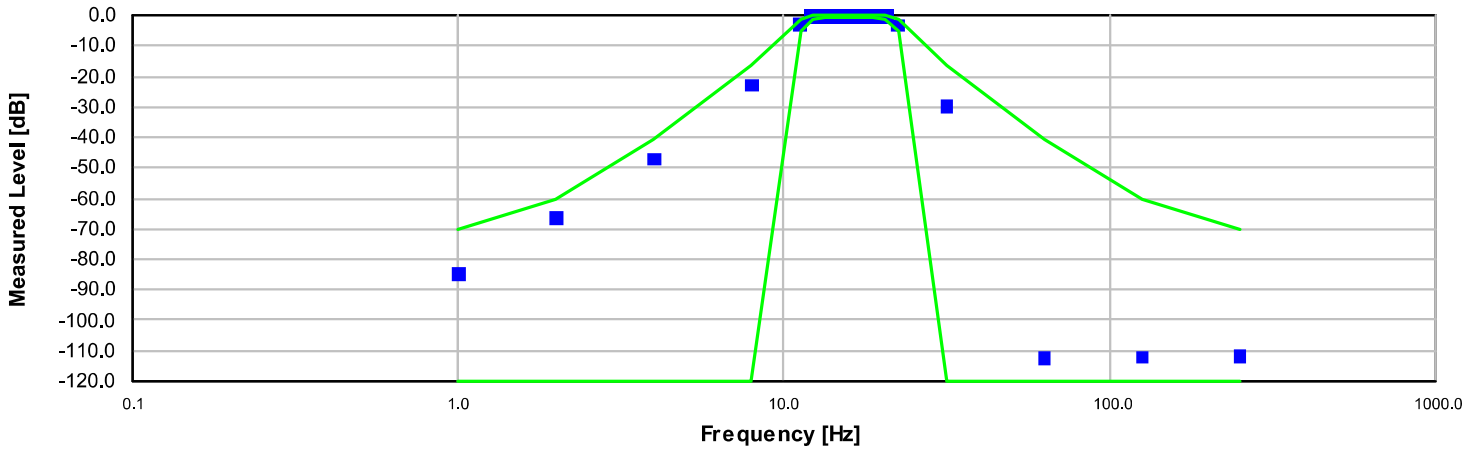
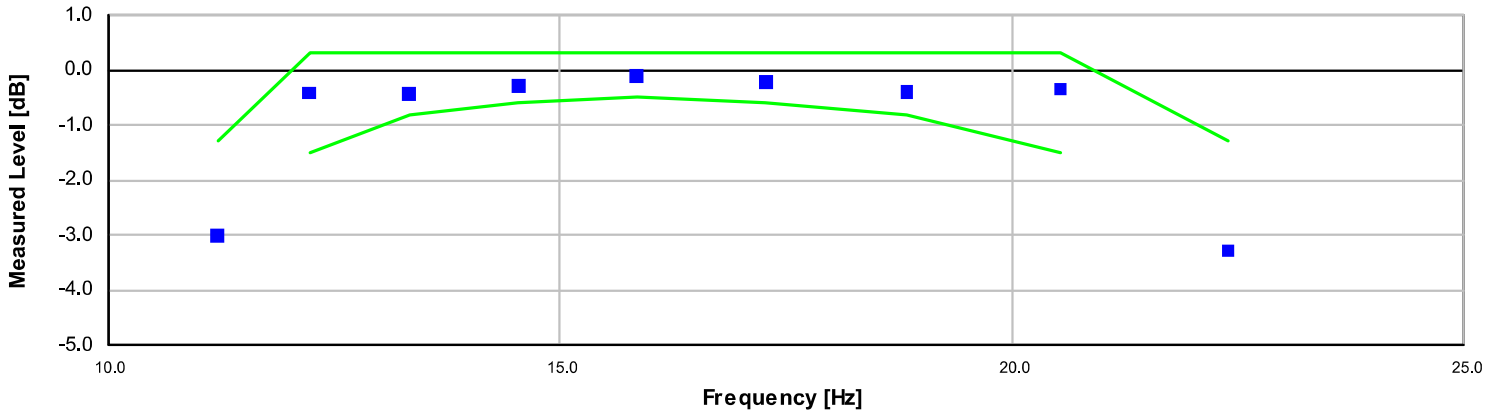


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.06	-86.10	-inf	-70.10	0.25	Pass
0.13	-67.24	-inf	-60.10	0.20	Pass
0.25	-47.40	-inf	-40.60	0.18	Pass
0.50	-23.20	-inf	-16.70	0.18	Pass
0.71	-3.44	-5.40	-1.30	0.16	Pass
0.77	-0.47	-1.50	0.30	0.17	Pass
0.84	-0.38	-0.80	0.30	0.17	Pass
0.92	-0.26	-0.60	0.30	0.15	Pass
1.00	-0.11	-0.50	0.30	0.15	Pass
1.09	-0.26	-0.60	0.30	0.15	Pass
1.19	-0.43	-0.80	0.30	0.15	Pass
1.30	-0.38	-1.50	0.30	0.15	Pass
1.41	-3.21	-5.40	-1.30	0.20	Pass
2.00	-29.74	-inf	-16.70	0.23	Pass
3.98	-107.80	-inf	-40.60	3.40	Pass
7.94	-112.30	-inf	-60.10	4.10	Pass
15.85	-113.17	-inf	-70.10	3.40	Pass

-- End of measurement results--

Z-Axis 1/1 Octave Filter: 16.0 Hz

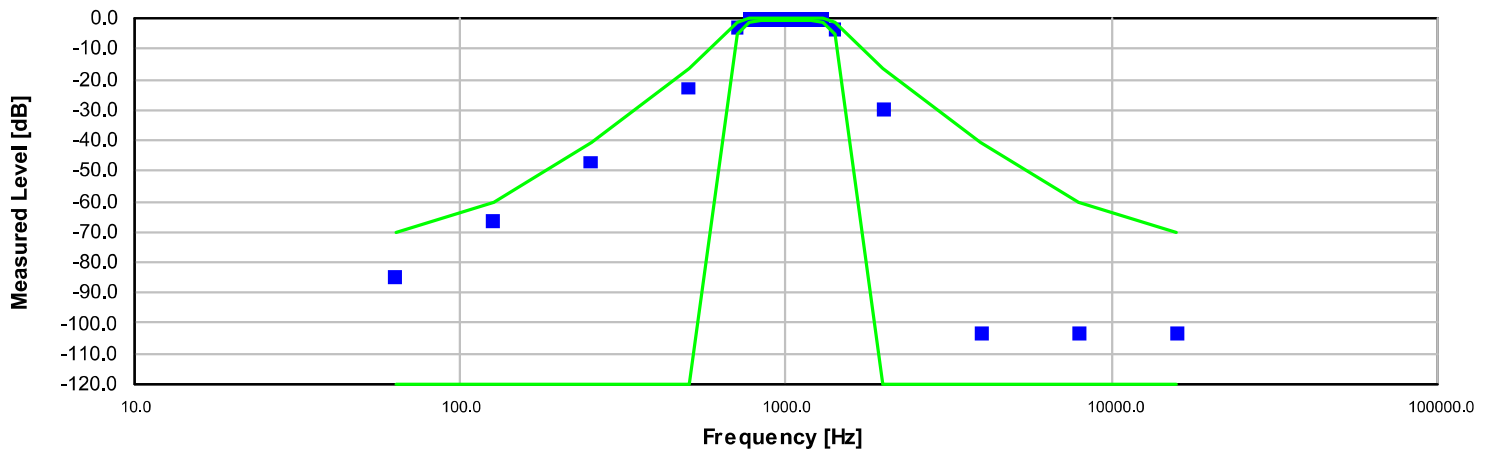
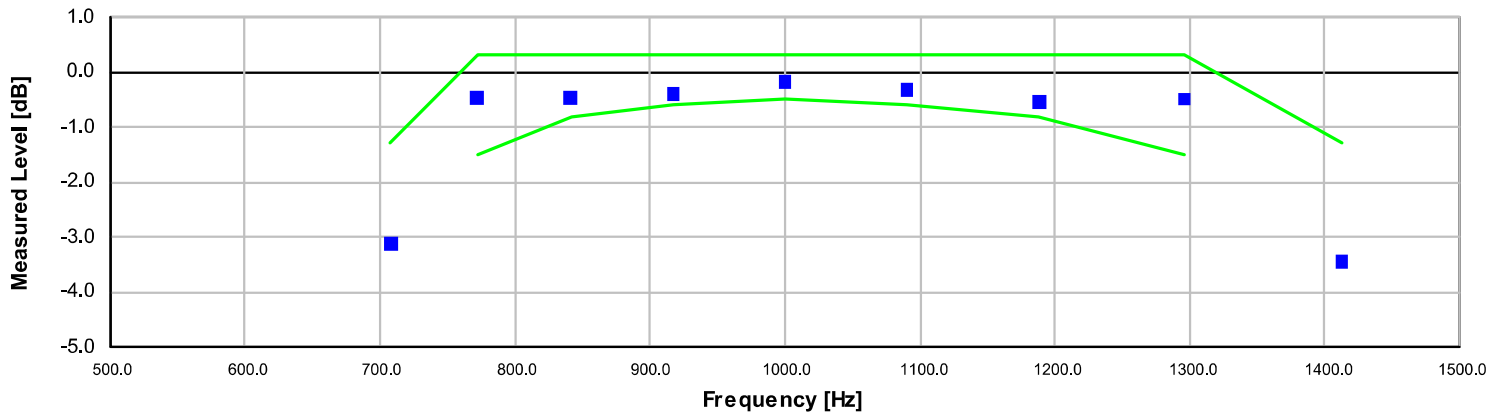


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
1.00	-84.79	-inf	-70.10	0.19	Pass
2.00	-66.45	-inf	-60.10	0.18	Pass
3.98	-47.13	-inf	-40.60	0.18	Pass
7.94	-22.93	-inf	-16.70	0.18	Pass
11.22	-3.00	-5.40	-1.30	0.16	Pass
12.23	-0.41	-1.50	0.30	0.15	Pass
13.34	-0.42	-0.80	0.30	0.15	Pass
14.54	-0.30	-0.60	0.30	0.15	Pass
15.85	-0.09	-0.50	0.30	0.15	Pass
17.28	-0.22	-0.60	0.30	0.15	Pass
18.84	-0.39	-0.80	0.30	0.15	Pass
20.54	-0.34	-1.50	0.30	0.15	Pass
22.39	-3.28	-5.40	-1.30	0.21	Pass
31.62	-29.63	-inf	-16.70	0.23	Pass
63.10	-112.43	-inf	-40.60	2.60	Pass
125.89	-112.09	-inf	-60.10	1.90	Pass
251.19	-112.05	-inf	-70.10	1.90	Pass

-- End of measurement results--

Z-Axis 1/1 Octave Filter: 1 kHz

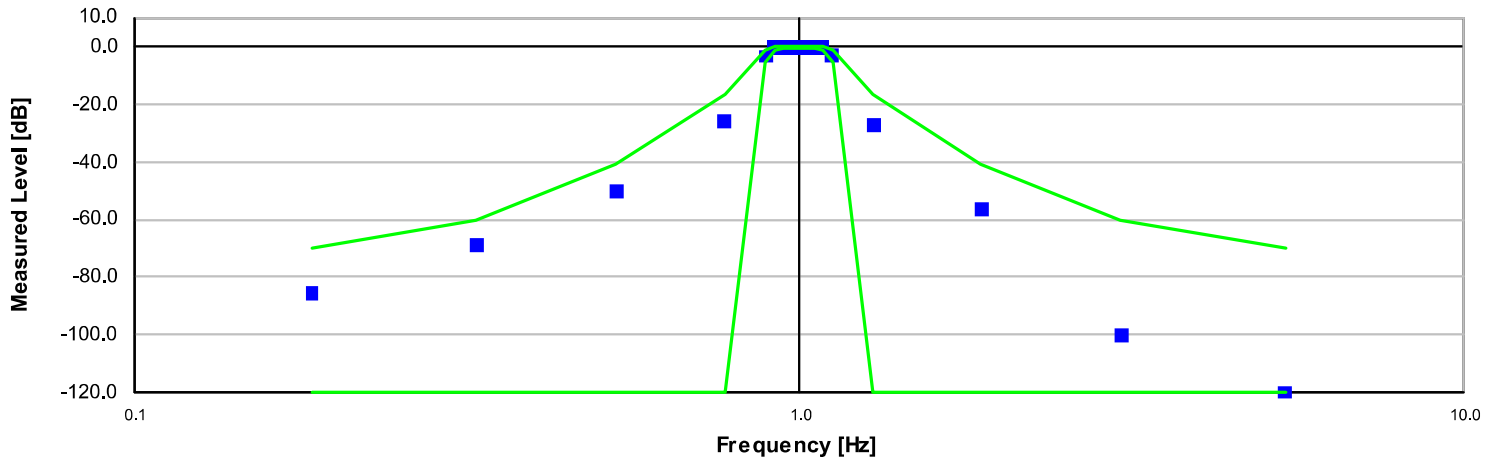
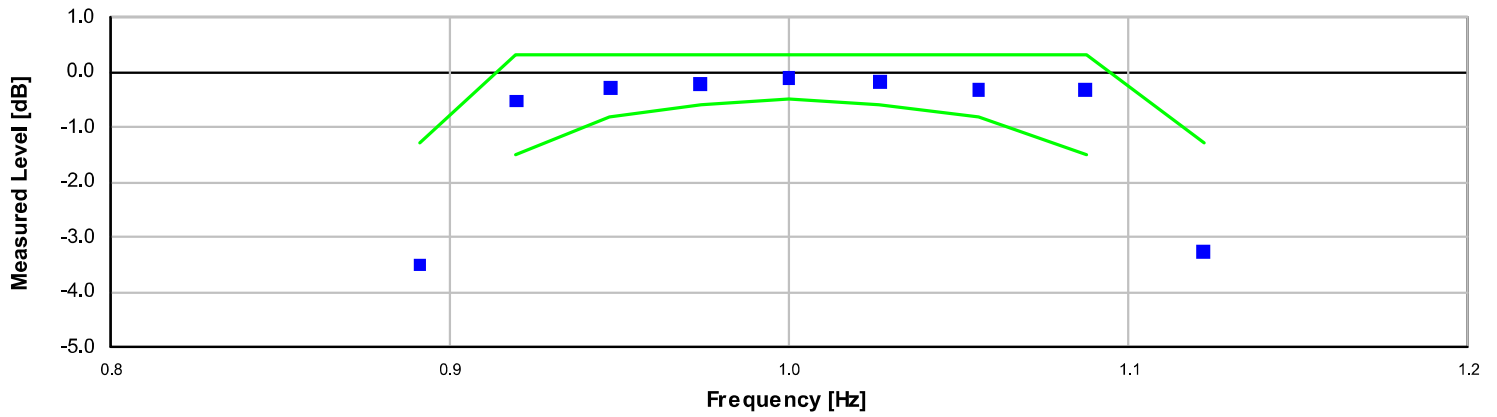


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
63.10	-84.73	-inf	-70.10	0.28	Pass
125.89	-66.47	-inf	-60.10	0.18	Pass
251.19	-47.18	-inf	-40.60	0.18	Pass
501.19	-22.99	-inf	-16.70	0.18	Pass
707.95	-3.13	-5.40	-1.30	0.16	Pass
771.79	-0.48	-1.50	0.30	0.15	Pass
841.40	-0.47	-0.80	0.30	0.15	Pass
917.28	-0.39	-0.60	0.30	0.15	Pass
1,000.00	-0.17	-0.50	0.30	0.15	Pass
1,090.18	-0.33	-0.60	0.30	0.16	Pass
1,188.50	-0.54	-0.80	0.30	0.15	Pass
1,295.69	-0.48	-1.50	0.30	0.16	Pass
1,412.54	-3.45	-5.40	-1.30	0.21	Pass
1,995.26	-29.79	-inf	-16.70	0.23	Pass
3,981.07	-103.08	-inf	-40.60	1.40	Pass
7,943.28	-103.14	-inf	-60.10	2.70	Pass
15,848.93	-103.04	-inf	-70.10	2.10	Pass

-- End of measurement results--

X-Axis 1/3 Octave Filter: 1.0 Hz

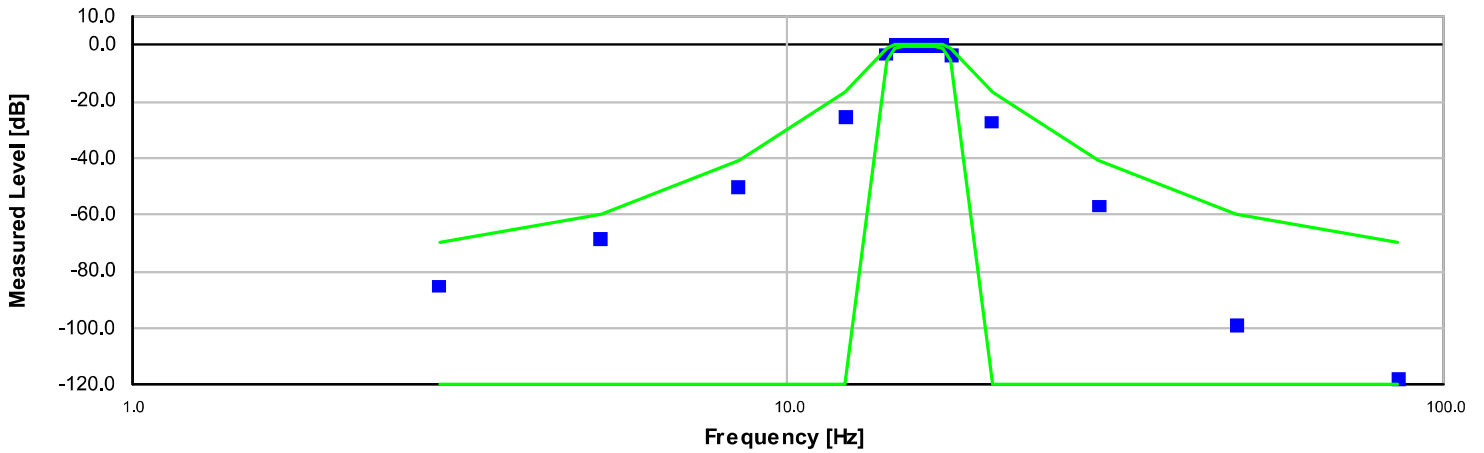
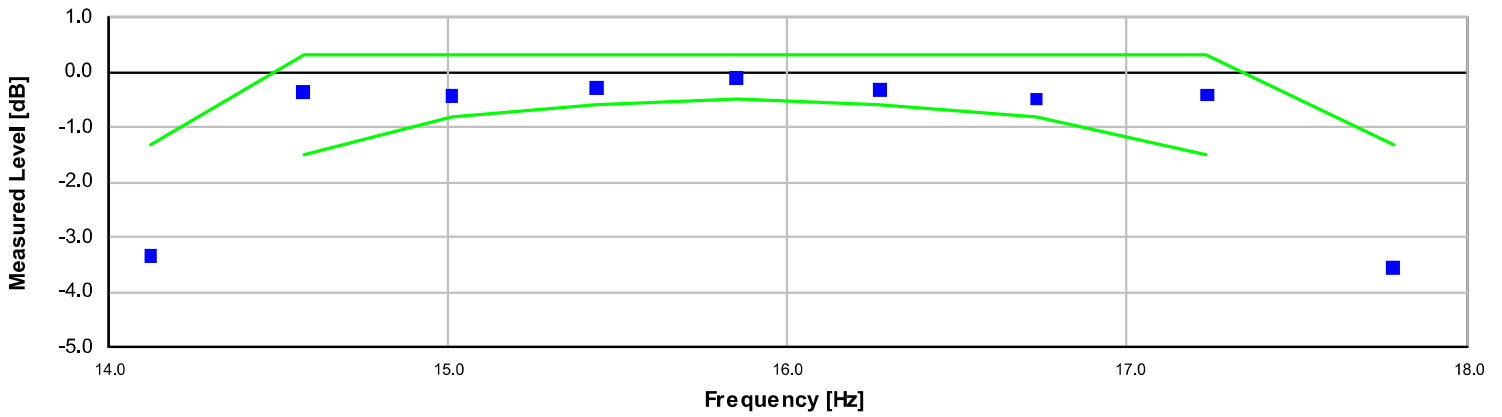


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.19	-85.78	-inf	-70.10	0.18	Pass
0.33	-68.83	-inf	-60.10	0.15	Pass
0.53	-50.47	-inf	-40.60	0.16	Pass
0.77	-26.01	-inf	-16.70	0.18	Pass
0.89	-3.50	-5.40	-1.30	0.15	Pass
0.92	-0.52	-1.50	0.30	0.15	Pass
0.95	-0.29	-0.80	0.30	0.16	Pass
0.97	-0.22	-0.60	0.30	0.16	Pass
1.00	-0.12	-0.50	0.30	0.15	Pass
1.03	-0.18	-0.60	0.30	0.16	Pass
1.06	-0.33	-0.80	0.30	0.16	Pass
1.09	-0.34	-1.50	0.30	0.15	Pass
1.12	-3.27	-5.40	-1.30	0.15	Pass
1.29	-27.15	-inf	-16.70	0.15	Pass
1.88	-56.72	-inf	-40.60	0.23	Pass
3.05	-100.04	-inf	-60.10	0.41	Pass
5.39	-121.80	-inf	-70.10	4.30	Pass

-- End of measurement results--

X-Axis 1/3 Octave Filter: 16.0 Hz

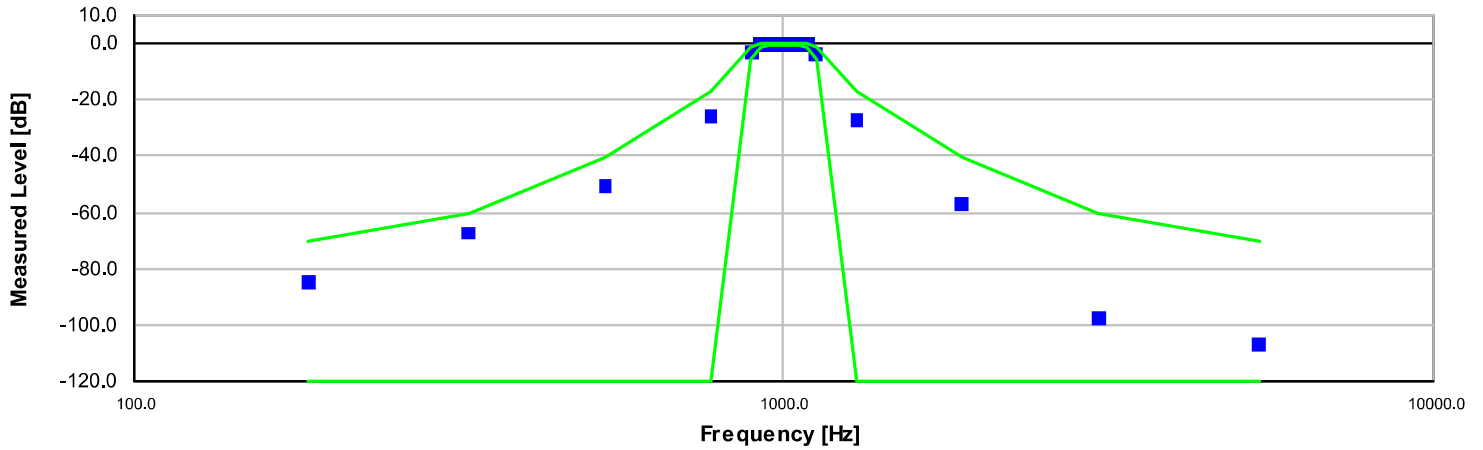
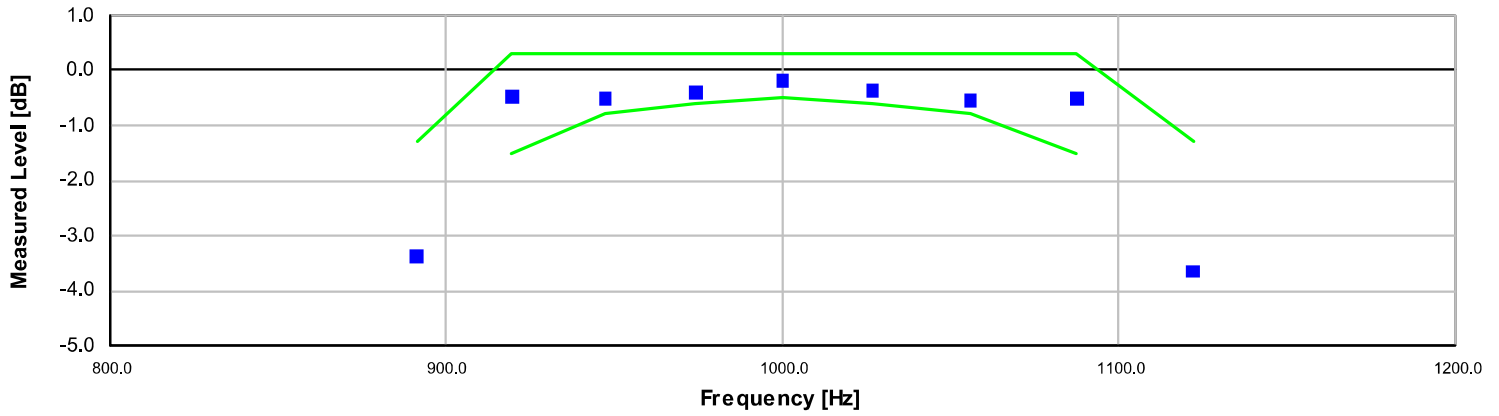


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
2.94	-85.30	-inf	-70.10	0.15	Pass
5.19	-68.50	-inf	-60.10	0.16	Pass
8.42	-50.49	-inf	-40.60	0.15	Pass
12.24	-25.50	-inf	-16.70	0.15	Pass
14.13	-3.33	-5.40	-1.30	0.15	Pass
14.57	-0.36	-1.50	0.30	0.15	Pass
15.01	-0.44	-0.80	0.30	0.15	Pass
15.44	-0.29	-0.60	0.30	0.15	Pass
15.85	-0.09	-0.50	0.30	0.15	Pass
16.27	-0.32	-0.60	0.30	0.15	Pass
16.73	-0.48	-0.80	0.30	0.15	Pass
17.24	-0.41	-1.50	0.30	0.15	Pass
17.78	-3.55	-5.40	-1.30	0.15	Pass
20.51	-27.37	-inf	-16.70	0.15	Pass
29.82	-57.01	-inf	-40.60	0.15	Pass
48.40	-99.28	-inf	-60.10	1.70	Pass
85.46	-118.17	-inf	-70.10	2.10	Pass

-- End of measurement results--

X-Axis 1/3 Octave Filter: 1 kHz

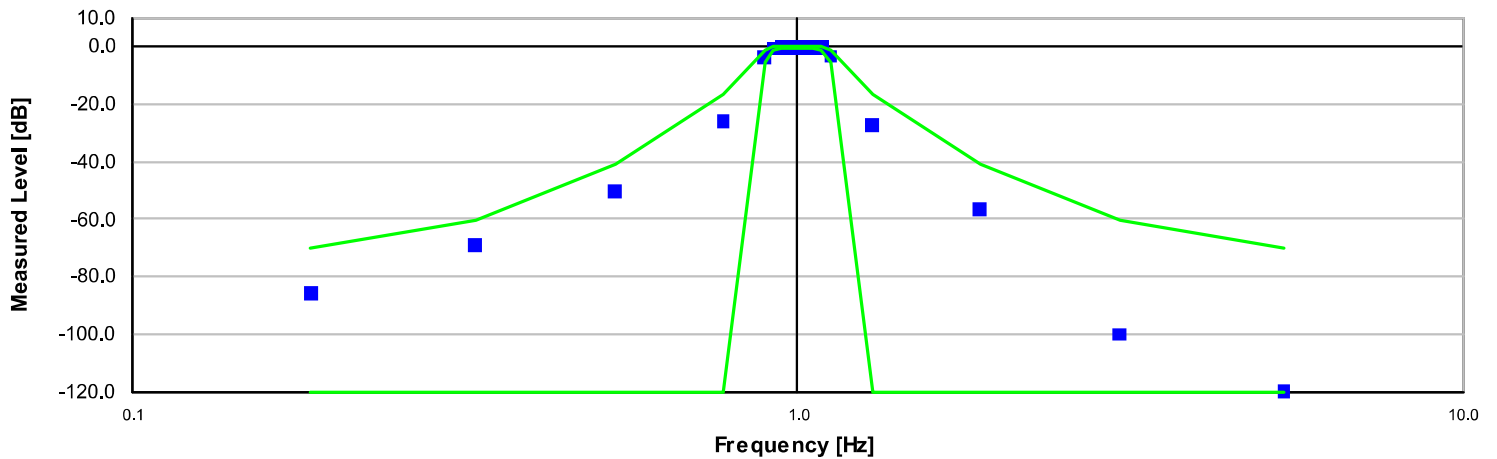
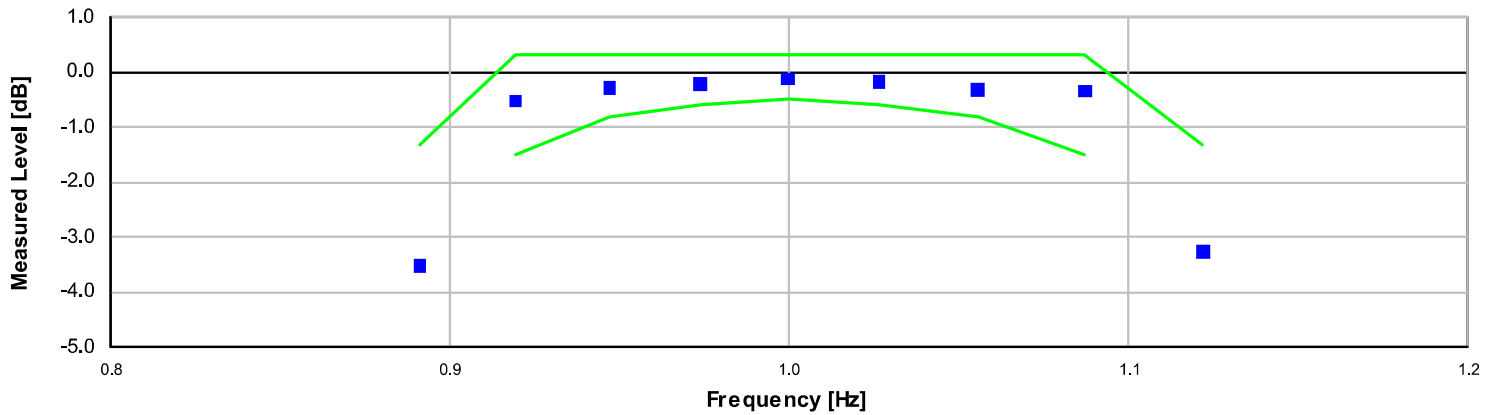


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
185.46	-84.84	-inf	-70.10	0.16	Pass
327.48	-67.49	-inf	-60.10	0.16	Pass
531.43	-50.52	-inf	-40.60	0.16	Pass
772.57	-25.62	-inf	-16.70	0.16	Pass
891.25	-3.39	-5.40	-1.30	0.16	Pass
919.58	-0.48	-1.50	0.30	0.16	Pass
947.19	-0.51	-0.80	0.30	0.16	Pass
974.02	-0.40	-0.60	0.30	0.16	Pass
1,000.00	-0.19	-0.50	0.30	0.16	Pass
1,026.67	-0.36	-0.60	0.30	0.16	Pass
1,055.75	-0.56	-0.80	0.30	0.16	Pass
1,087.46	-0.51	-1.50	0.30	0.16	Pass
1,122.02	-3.65	-5.40	-1.30	0.16	Pass
1,294.37	-27.51	-inf	-16.70	0.16	Pass
1,881.73	-57.08	-inf	-40.60	0.16	Pass
3,053.65	-97.88	-inf	-60.10	0.94	Pass
5,391.95	-106.93	-inf	-70.10	2.00	Pass

-- End of measurement results--

Y-Axis 1/3 Octave Filter: 1.0 Hz

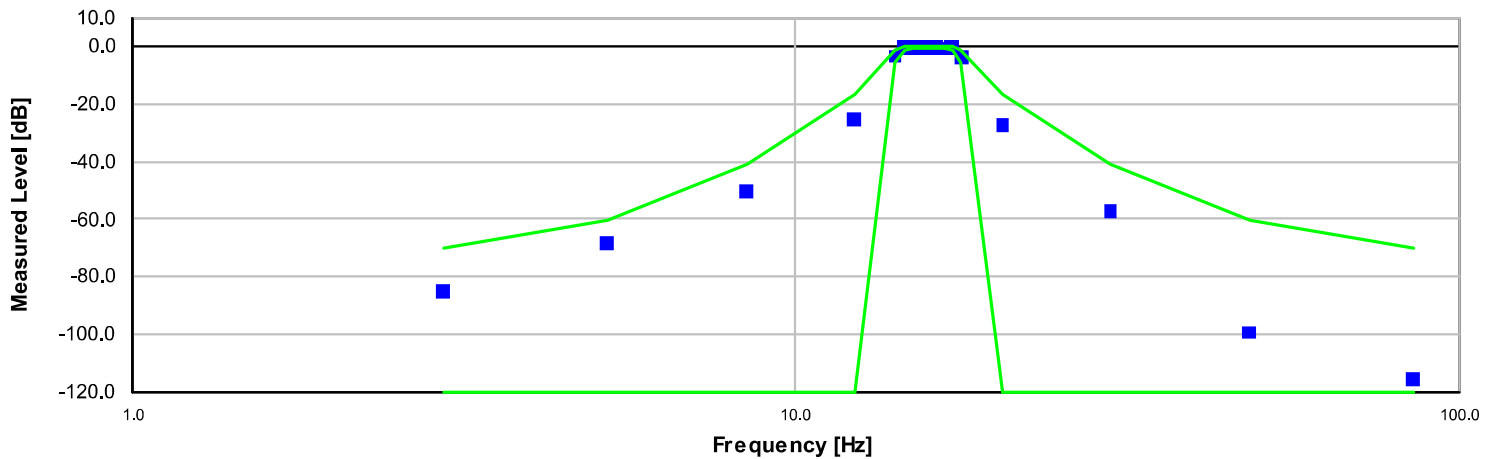
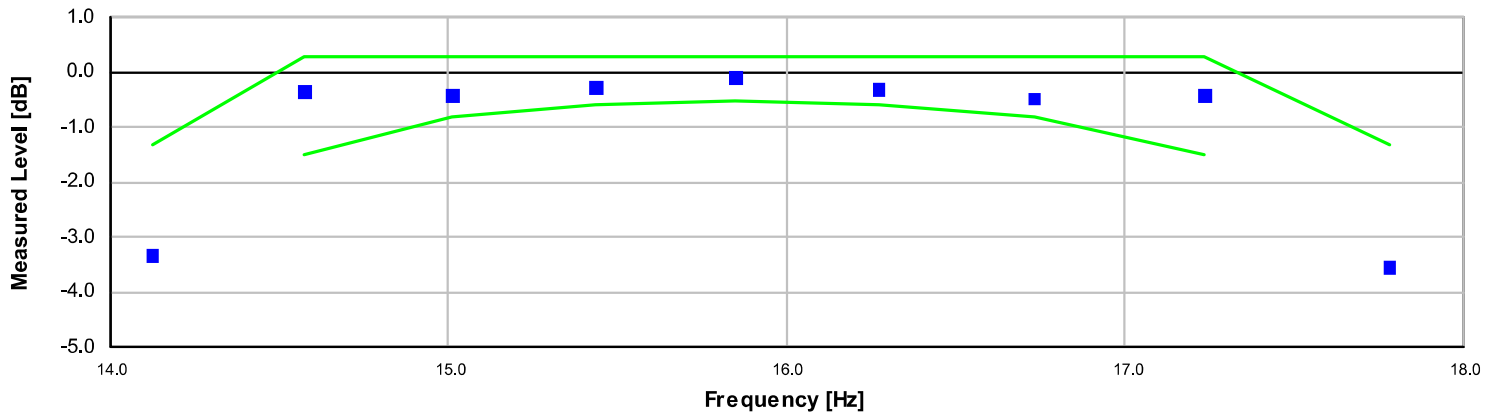


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.19	-85.78	-inf	-70.10	0.18	Pass
0.33	-68.83	-inf	-60.10	0.15	Pass
0.53	-50.46	-inf	-40.60	0.16	Pass
0.77	-26.01	-inf	-16.70	0.18	Pass
0.89	-3.50	-5.40	-1.30	0.15	Pass
0.92	-0.52	-1.50	0.30	0.15	Pass
0.95	-0.29	-0.80	0.30	0.16	Pass
0.97	-0.22	-0.60	0.30	0.16	Pass
1.00	-0.12	-0.50	0.30	0.15	Pass
1.03	-0.18	-0.60	0.30	0.16	Pass
1.06	-0.33	-0.80	0.30	0.16	Pass
1.09	-0.34	-1.50	0.30	0.15	Pass
1.12	-3.27	-5.40	-1.30	0.15	Pass
1.29	-27.15	-inf	-16.70	0.15	Pass
1.88	-56.72	-inf	-40.60	0.23	Pass
3.05	-100.04	-inf	-60.10	0.41	Pass
5.39	-132.19	-inf	-70.10	4.30	Pass

-- End of measurement results--

Y-Axis 1/3 Octave Filter: 16.0 Hz

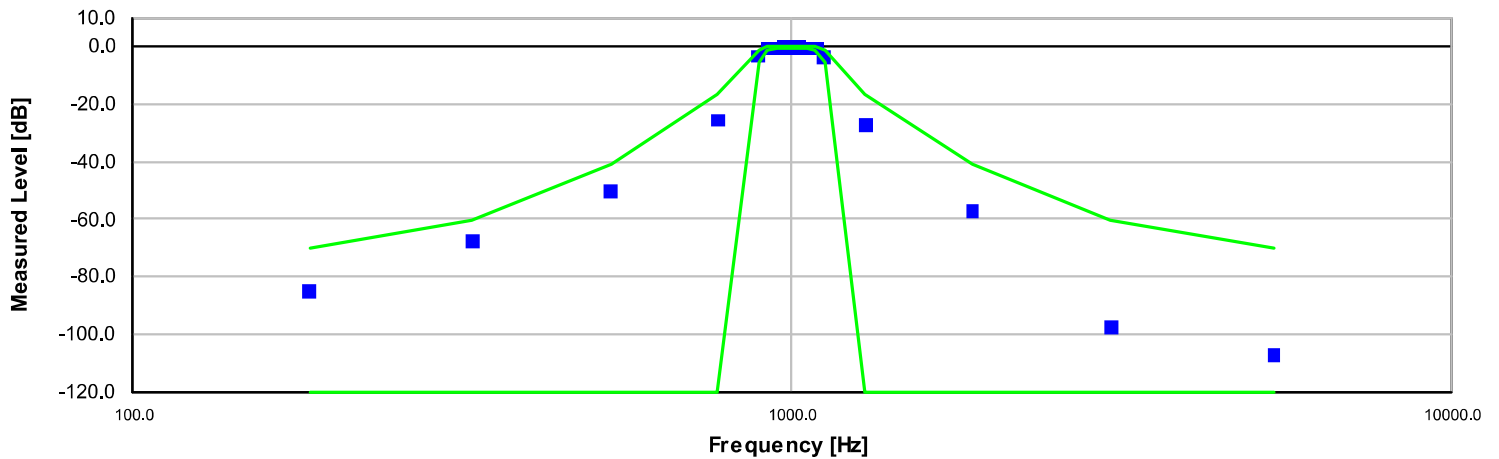
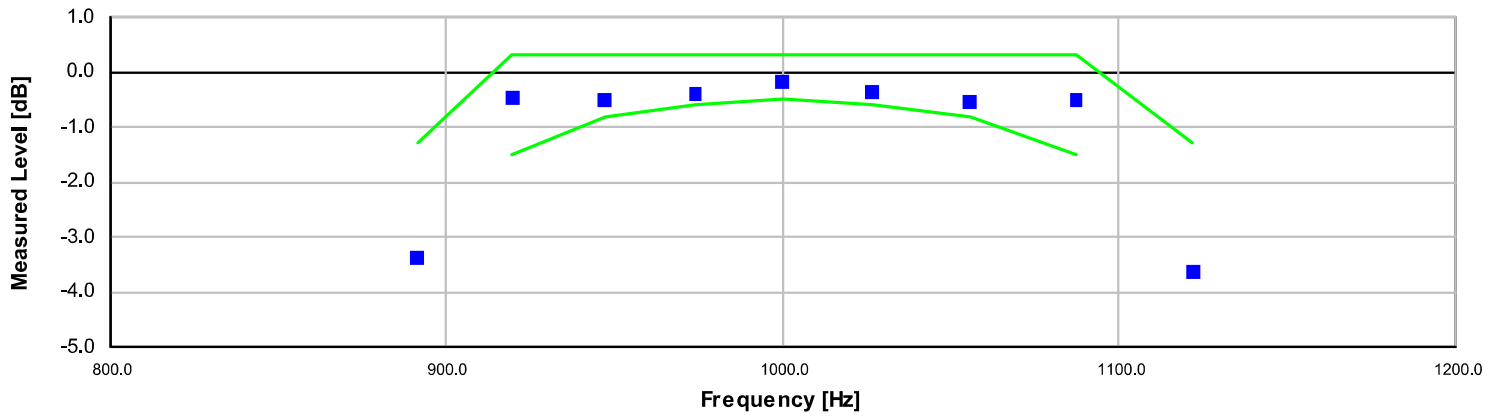


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
2.94	-85.30	-inf	-70.10	0.15	Pass
5.19	-68.50	-inf	-60.10	0.16	Pass
8.42	-50.49	-inf	-40.60	0.15	Pass
12.24	-25.50	-inf	-16.70	0.15	Pass
14.13	-3.33	-5.40	-1.30	0.15	Pass
14.57	-0.36	-1.50	0.30	0.15	Pass
15.01	-0.44	-0.80	0.30	0.15	Pass
15.44	-0.29	-0.60	0.30	0.15	Pass
15.85	-0.09	-0.50	0.30	0.15	Pass
16.27	-0.32	-0.60	0.30	0.15	Pass
16.73	-0.48	-0.80	0.30	0.15	Pass
17.24	-0.41	-1.50	0.30	0.15	Pass
17.78	-3.55	-5.40	-1.30	0.15	Pass
20.51	-27.37	-inf	-16.70	0.15	Pass
29.82	-57.01	-inf	-40.60	0.15	Pass
48.40	-99.31	-inf	-60.10	1.70	Pass
85.46	-115.60	-inf	-70.10	2.10	Pass

-- End of measurement results--

Y-Axis 1/3 Octave Filter: 1 kHz

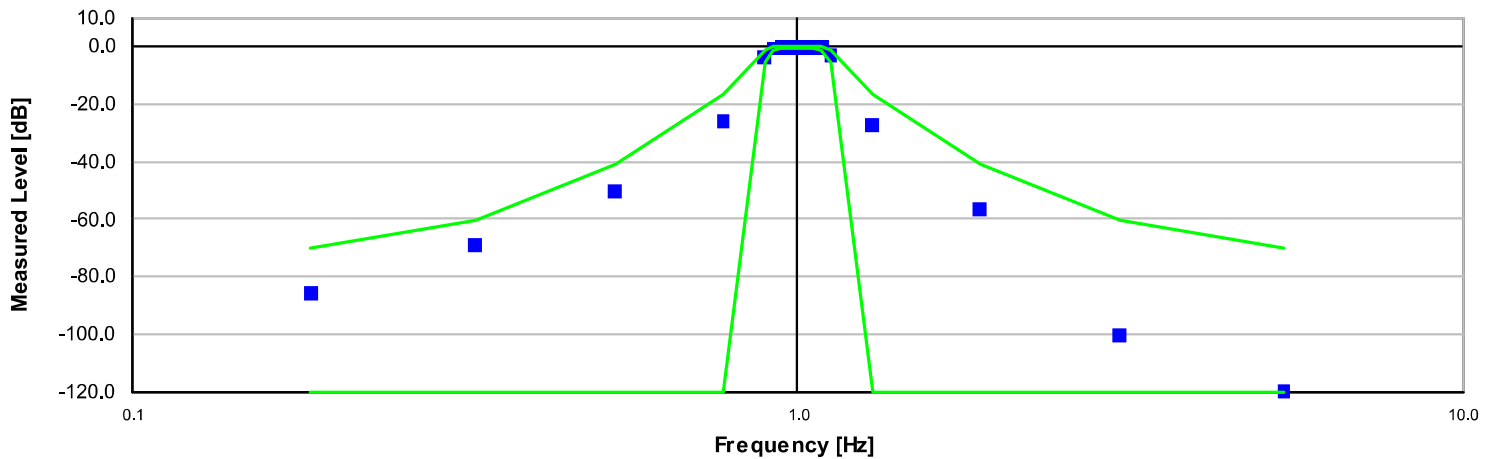
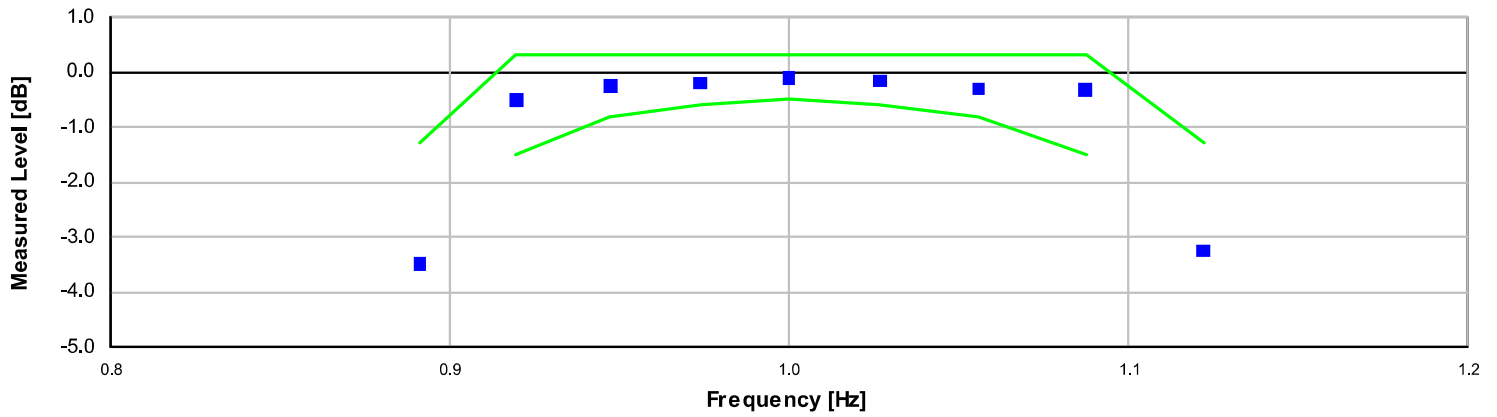


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
185.46	-84.90	-inf	-70.10	0.16	Pass
327.48	-67.58	-inf	-60.10	0.16	Pass
531.43	-50.52	-inf	-40.60	0.16	Pass
772.57	-25.62	-inf	-16.70	0.16	Pass
891.25	-3.39	-5.40	-1.30	0.16	Pass
919.58	-0.48	-1.50	0.30	0.16	Pass
947.19	-0.51	-0.80	0.30	0.16	Pass
974.02	-0.40	-0.60	0.30	0.16	Pass
1,000.00	-0.19	-0.50	0.30	0.16	Pass
1,026.67	-0.35	-0.60	0.30	0.16	Pass
1,055.75	-0.56	-0.80	0.30	0.16	Pass
1,087.46	-0.51	-1.50	0.30	0.16	Pass
1,122.02	-3.64	-5.40	-1.30	0.16	Pass
1,294.37	-27.51	-inf	-16.70	0.16	Pass
1,881.73	-57.07	-inf	-40.60	0.16	Pass
3,053.65	-97.82	-inf	-60.10	0.94	Pass
5,391.95	-107.43	-inf	-70.10	2.00	Pass

-- End of measurement results--

Z-Axis 1/3 Octave Filter: 1.0 Hz

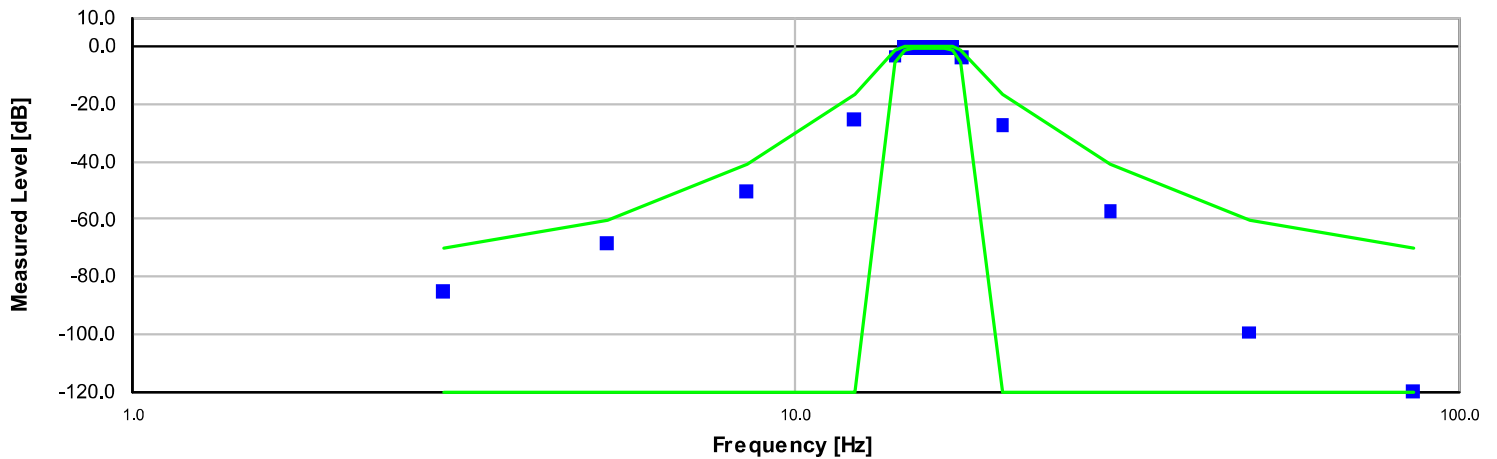
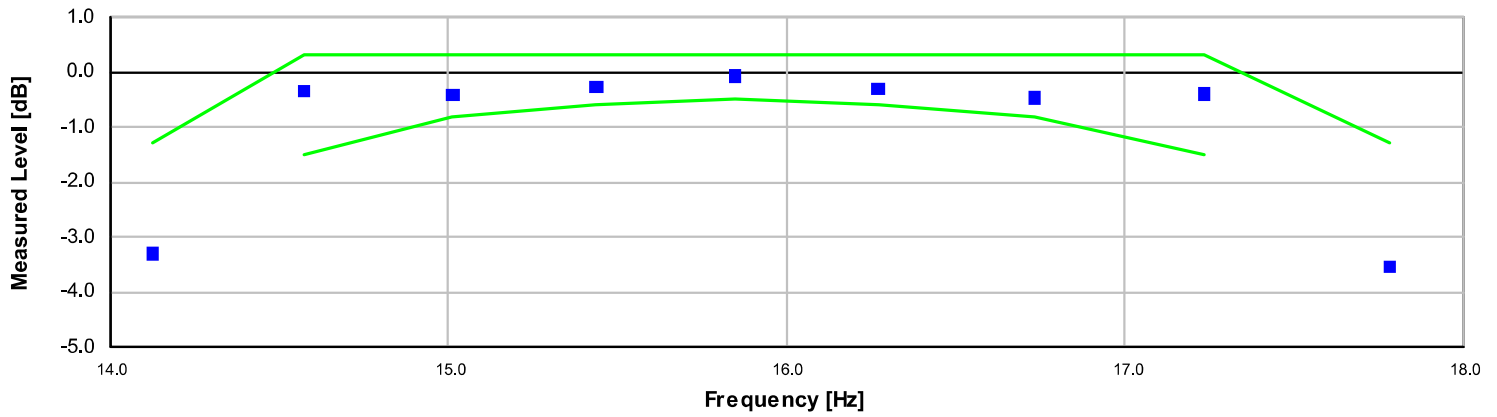


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0.19	-85.76	-inf	-70.10	0.18	Pass
0.33	-68.81	-inf	-60.10	0.15	Pass
0.53	-50.44	-inf	-40.60	0.16	Pass
0.77	-25.99	-inf	-16.70	0.18	Pass
0.89	-3.48	-5.40	-1.30	0.15	Pass
0.92	-0.50	-1.50	0.30	0.15	Pass
0.95	-0.27	-0.80	0.30	0.16	Pass
0.97	-0.20	-0.60	0.30	0.16	Pass
1.00	-0.10	-0.50	0.30	0.15	Pass
1.03	-0.16	-0.60	0.30	0.16	Pass
1.06	-0.31	-0.80	0.30	0.16	Pass
1.09	-0.32	-1.50	0.30	0.15	Pass
1.12	-3.25	-5.40	-1.30	0.15	Pass
1.29	-27.13	-inf	-16.70	0.15	Pass
1.88	-56.70	-inf	-40.60	0.23	Pass
3.05	-100.49	-inf	-60.10	0.41	Pass
5.39	-126.55	-inf	-70.10	4.30	Pass

-- End of measurement results--

Z-Axis 1/3 Octave Filter: 16.0 Hz

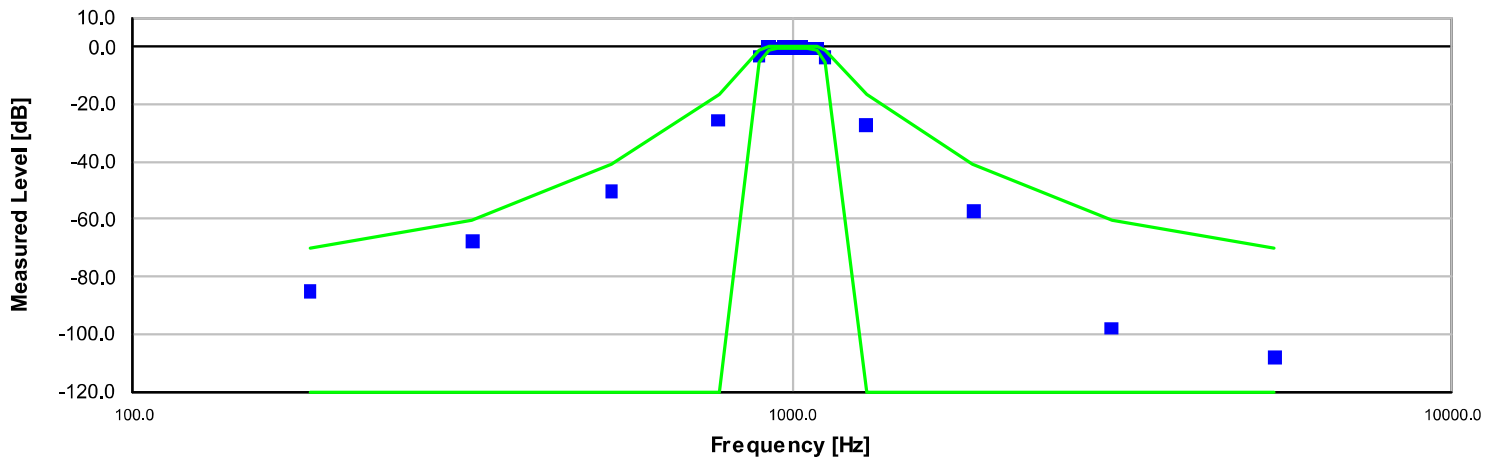
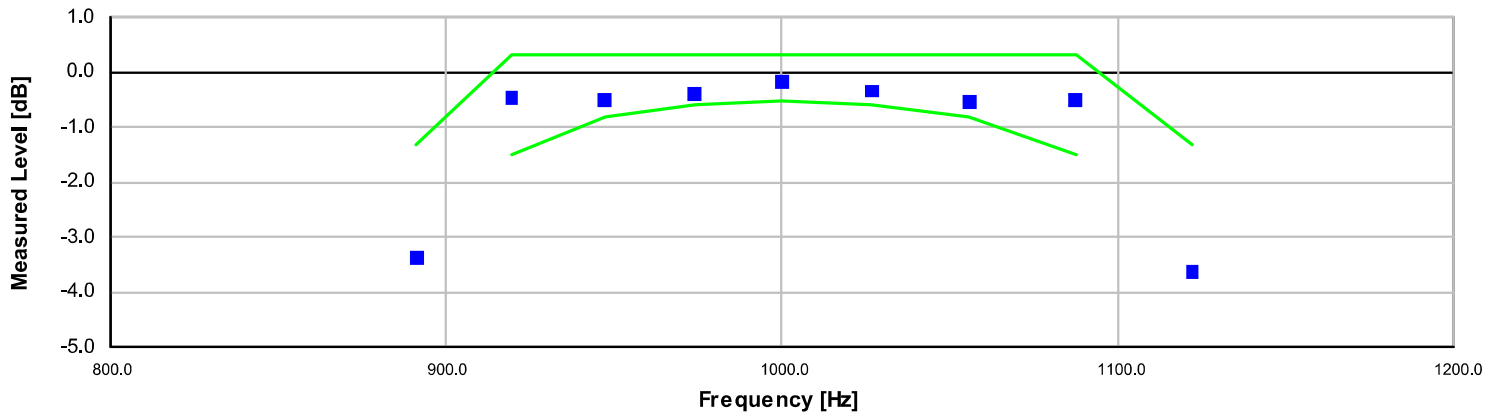


Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
2.94	-85.28	-inf	-70.10	0.15	Pass
5.19	-68.48	-inf	-60.10	0.16	Pass
8.42	-50.47	-inf	-40.60	0.15	Pass
12.24	-25.48	-inf	-16.70	0.15	Pass
14.13	-3.31	-5.40	-1.30	0.15	Pass
14.57	-0.34	-1.50	0.30	0.15	Pass
15.01	-0.41	-0.80	0.30	0.15	Pass
15.44	-0.27	-0.60	0.30	0.15	Pass
15.85	-0.07	-0.50	0.30	0.15	Pass
16.27	-0.30	-0.60	0.30	0.15	Pass
16.73	-0.46	-0.80	0.30	0.15	Pass
17.24	-0.39	-1.50	0.30	0.15	Pass
17.78	-3.53	-5.40	-1.30	0.15	Pass
20.51	-27.35	-inf	-16.70	0.15	Pass
29.82	-56.99	-inf	-40.60	0.15	Pass
48.40	-99.25	-inf	-60.10	1.70	Pass
85.46	-119.82	-inf	-70.10	2.10	Pass

-- End of measurement results--

Z-Axis 1/3 Octave Filter: 1 kHz



Filter shape measured according to IEC 61260-1:2014 and ANSI S1.11

Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
185.46	-84.88	-inf	-70.10	0.16	Pass
327.48	-67.55	-inf	-60.10	0.16	Pass
531.43	-50.49	-inf	-40.60	0.16	Pass
772.57	-25.60	-inf	-16.70	0.16	Pass
891.25	-3.36	-5.40	-1.30	0.16	Pass
919.58	-0.45	-1.50	0.30	0.16	Pass
947.19	-0.49	-0.80	0.30	0.16	Pass
974.02	-0.38	-0.60	0.30	0.16	Pass
1,000.00	-0.16	-0.50	0.30	0.16	Pass
1,026.67	-0.33	-0.60	0.30	0.16	Pass
1,055.75	-0.53	-0.80	0.30	0.16	Pass
1,087.46	-0.49	-1.50	0.30	0.16	Pass
1,122.02	-3.62	-5.40	-1.30	0.16	Pass
1,294.37	-27.48	-inf	-16.70	0.16	Pass
1,881.73	-57.04	-inf	-40.60	0.16	Pass
3,053.65	-97.86	-inf	-60.10	0.94	Pass
5,391.95	-108.20	-inf	-70.10	2.00	Pass

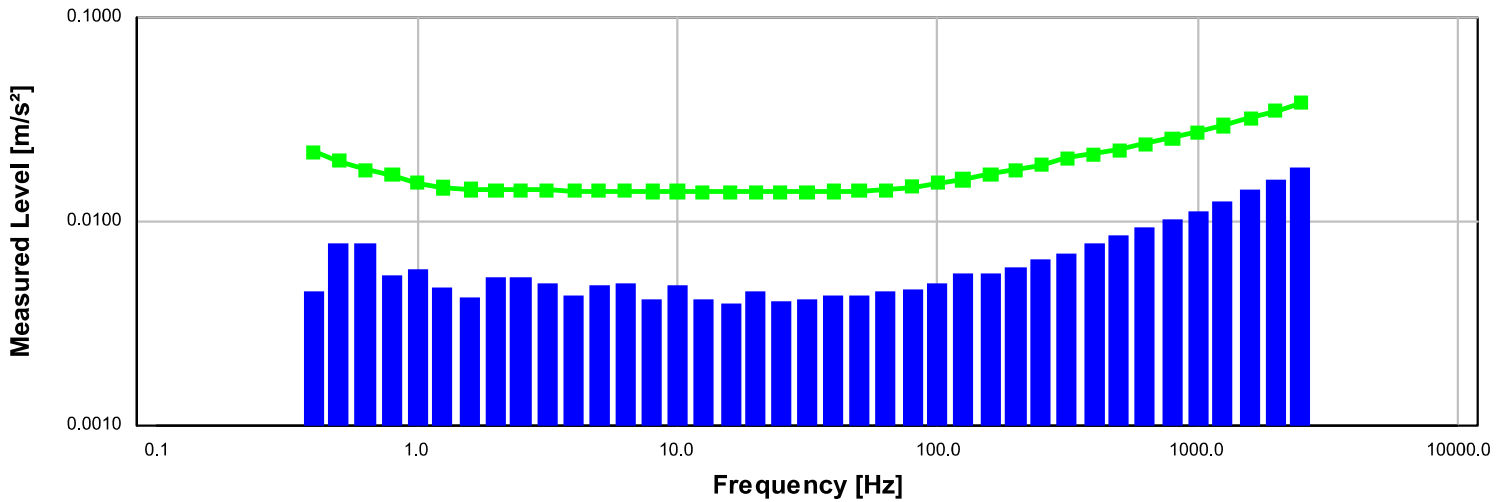
-- End of measurement results--

Frequency-weighted Noise Floor

Self-generated noise measured according to ISO 8041-1:2017 12.12 and ISO 8041-2:2021 12.12

Weighting	Axis	Test Result [m/s ²]	Upper limit [m/s ²]	Result
Fb	X-Axis	0.042721	0.066800	Pass
	Y-Axis	0.038147	0.066800	Pass
	Z-Axis	0.034893	0.066800	Pass
Wh	X-Axis	0.010848	0.019700	Pass
	Y-Axis	0.009022	0.019700	Pass
	Z-Axis	0.008121	0.019700	Pass
Wk	X-Axis	0.015662	0.029300	Pass
	Y-Axis	0.013644	0.029300	Pass
	Z-Axis	0.012811	0.029300	Pass
-- End of measurement results--				

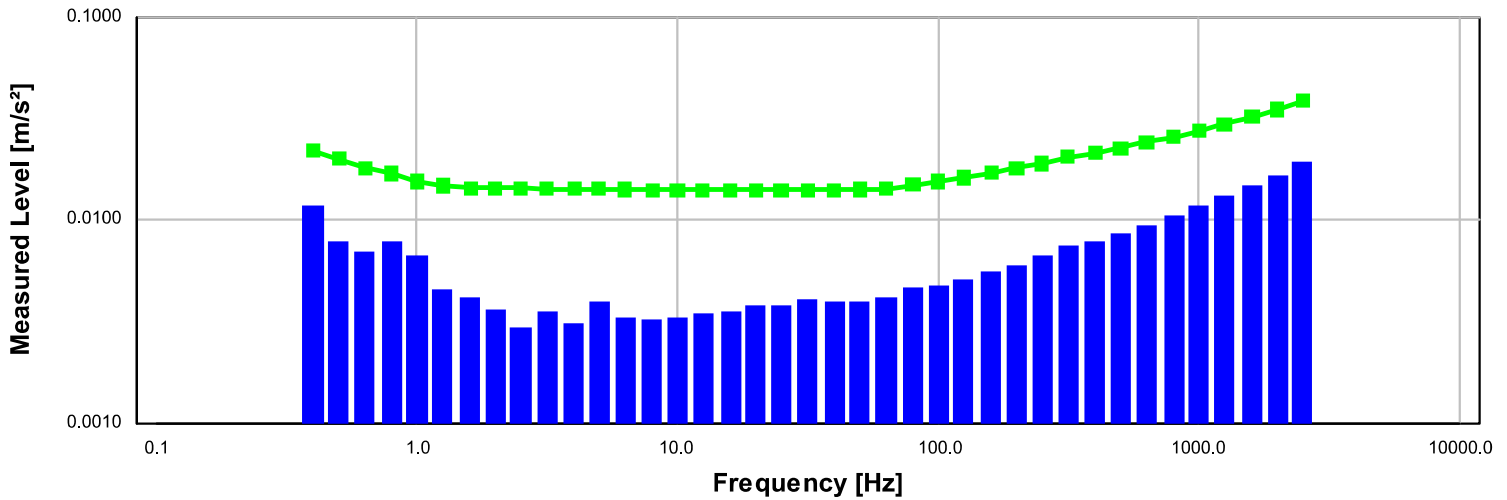
X-Axis 1/3-Octave Self-Generated Noise



Frequency [Hz]	Test Result [m/s^2]	Upper limit [m/s^2]	Result
0.40	0.004556	0.022000	Pass
0.50	0.007913	0.020000	Pass
0.63	0.007837	0.018000	Pass
0.80	0.005396	0.017000	Pass
1.00	0.005906	0.015500	Pass
1.25	0.004817	0.014800	Pass
1.60	0.004300	0.014400	Pass
2.00	0.005378	0.014350	Pass
2.50	0.005286	0.014320	Pass
3.15	0.005022	0.014300	Pass
4.00	0.004315	0.014250	Pass
5.00	0.004897	0.014200	Pass
6.30	0.004961	0.014150	Pass
8.00	0.004172	0.014100	Pass
10.00	0.004820	0.014070	Pass
12.50	0.004178	0.014050	Pass
16.00	0.003989	0.014030	Pass
20.00	0.004518	0.014010	Pass
25.00	0.004051	0.014000	Pass
31.50	0.004201	0.014010	Pass
40.00	0.004353	0.014080	Pass
50.00	0.004394	0.014180	Pass
63.00	0.004580	0.014300	Pass
80.00	0.004641	0.014900	Pass
100.00	0.004962	0.015500	Pass
125.00	0.005587	0.016200	Pass
160.00	0.005634	0.017100	Pass
200.00	0.006031	0.018000	Pass
250.00	0.006537	0.019000	Pass
315.00	0.006919	0.020500	Pass
400.00	0.007879	0.021500	Pass
500.00	0.008520	0.022580	Pass
630.00	0.009443	0.024170	Pass
800.00	0.010314	0.025740	Pass
1,000.00	0.011272	0.027530	Pass
1,250.00	0.012738	0.029730	Pass
1,600.00	0.014272	0.032310	Pass
2,000.00	0.016121	0.035000	Pass

Frequency [Hz]	Test Result [m/s²]	Upper limit [m/s²]	Result
2,500.00	0.018403	0.038500	Pass
-- End of measurement results--			

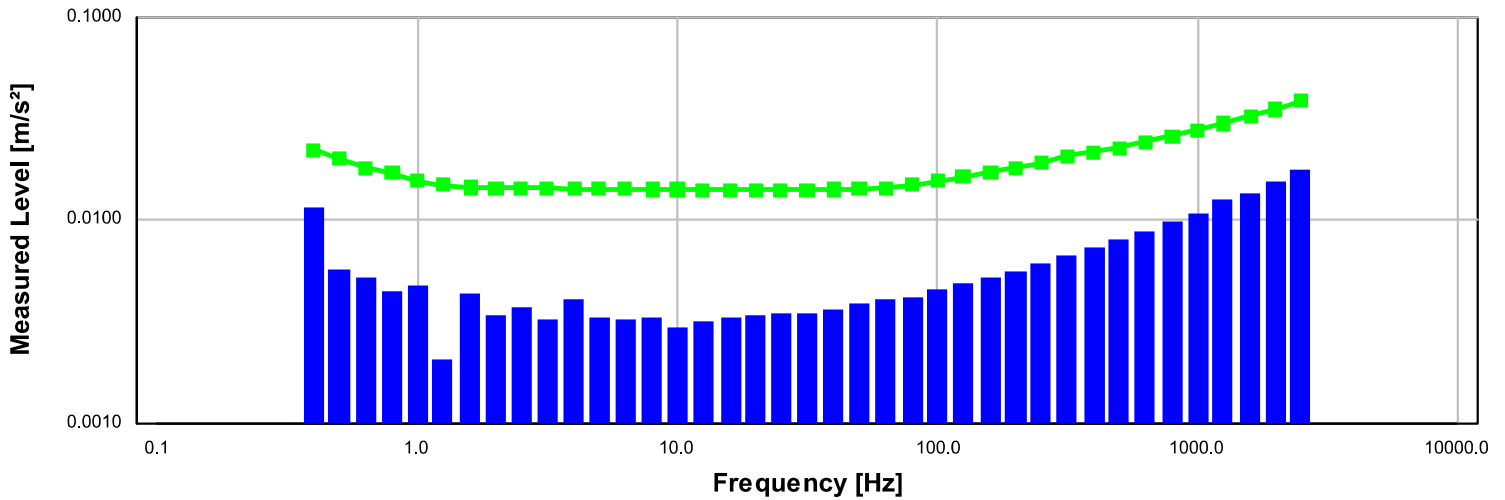
Y-Axis 1/3-Octave Self-Generated Noise



Frequency [Hz]	Test Result [m/s²]	Upper limit [m/s²]	Result
0.40	0.011907	0.022000	Pass
0.50	0.007771	0.020000	Pass
0.63	0.006949	0.018000	Pass
0.80	0.007873	0.017000	Pass
1.00	0.006764	0.015500	Pass
1.25	0.004584	0.014800	Pass
1.60	0.004179	0.014400	Pass
2.00	0.003651	0.014350	Pass
2.50	0.002983	0.014320	Pass
3.15	0.003550	0.014300	Pass
4.00	0.003085	0.014250	Pass
5.00	0.003973	0.014200	Pass
6.30	0.003344	0.014150	Pass
8.00	0.003212	0.014100	Pass
10.00	0.003300	0.014070	Pass
12.50	0.003464	0.014050	Pass
16.00	0.003523	0.014030	Pass
20.00	0.003763	0.014010	Pass
25.00	0.003779	0.014000	Pass
31.50	0.004035	0.014010	Pass
40.00	0.003962	0.014080	Pass
50.00	0.004000	0.014180	Pass
63.00	0.004184	0.014300	Pass
80.00	0.004711	0.014900	Pass
100.00	0.004769	0.015500	Pass
125.00	0.005158	0.016200	Pass
160.00	0.005566	0.017100	Pass
200.00	0.006033	0.018000	Pass
250.00	0.006741	0.019000	Pass
315.00	0.007474	0.020500	Pass
400.00	0.007847	0.021500	Pass
500.00	0.008635	0.022580	Pass
630.00	0.009490	0.024170	Pass
800.00	0.010594	0.025740	Pass
1,000.00	0.011688	0.027530	Pass
1,250.00	0.013233	0.029730	Pass
1,600.00	0.014709	0.032310	Pass
2,000.00	0.016698	0.035000	Pass

Frequency [Hz]	Test Result [m/s²]	Upper limit [m/s²]	Result
2,500.00	0.019416	0.038500	Pass
-- End of measurement results--			

Z-Axis 1/3-Octave Self-Generated Noise



Frequency [Hz]	Test Result [m/s²]	Upper limit [m/s²]	Result
0.40	0.011615	0.022000	Pass
0.50	0.005703	0.020000	Pass
0.63	0.005209	0.018000	Pass
0.80	0.004443	0.017000	Pass
1.00	0.004709	0.015500	Pass
1.25	0.002060	0.014800	Pass
1.60	0.004292	0.014400	Pass
2.00	0.003400	0.014350	Pass
2.50	0.003686	0.014320	Pass
3.15	0.003207	0.014300	Pass
4.00	0.004052	0.014250	Pass
5.00	0.003271	0.014200	Pass
6.30	0.003239	0.014150	Pass
8.00	0.003303	0.014100	Pass
10.00	0.002929	0.014070	Pass
12.50	0.003163	0.014050	Pass
16.00	0.003281	0.014030	Pass
20.00	0.003361	0.014010	Pass
25.00	0.003419	0.014000	Pass
31.50	0.003440	0.014010	Pass
40.00	0.003580	0.014080	Pass
50.00	0.003841	0.014180	Pass
63.00	0.004038	0.014300	Pass
80.00	0.004115	0.014900	Pass
100.00	0.004566	0.015500	Pass
125.00	0.004848	0.016200	Pass
160.00	0.005150	0.017100	Pass
200.00	0.005519	0.018000	Pass
250.00	0.006101	0.019000	Pass
315.00	0.006619	0.020500	Pass
400.00	0.007238	0.021500	Pass
500.00	0.008051	0.022580	Pass
630.00	0.008698	0.024170	Pass
800.00	0.009699	0.025740	Pass
1,000.00	0.010683	0.027530	Pass
1,250.00	0.012472	0.029730	Pass
1,600.00	0.013547	0.032310	Pass
2,000.00	0.015409	0.035000	Pass

Frequency [Hz]	Test Result [m/s²]	Upper limit [m/s²]	Result
2,500.00	0.017619	0.038500	Pass
-- End of measurement results--			

-- End of Report--

Signatory: Jeff Kamperman

The Modal Shop
10310 AeroHub Boulevard
Cincinnati, OH 45215, United States



Sensor Information

Model Number: SEN041F
Serial Number: P321102
Manufacturer: Larson Davis
ID Number: 83850
Description: ICP® Accelerometer

Calibration Data

Sensitivity @ 100 Hz:	9.590	mV/g
	0.9779	mV/m/s ²
Phase @ 100 Hz:	-0.16	deg.
Test Level:	10.00	g

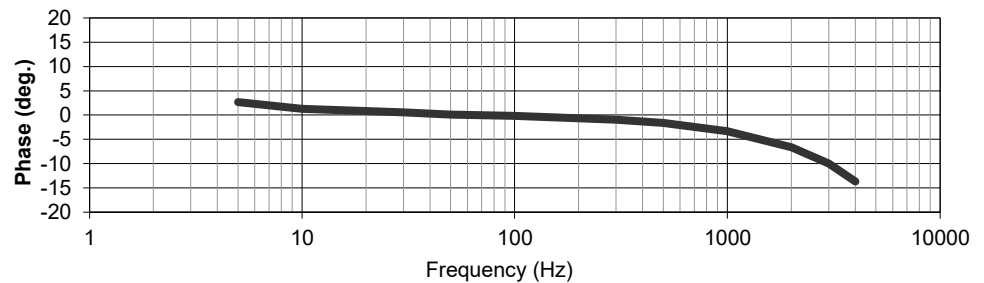
Transducer Specifications

Amp. Range:	± 500	g
Resolution:	0.008	g
Resonant Freq:	≥ 55000	Hz
Temp. Range:	-54 to 121	°C
	-65 to 250	°F
Axis:	X - Axis	

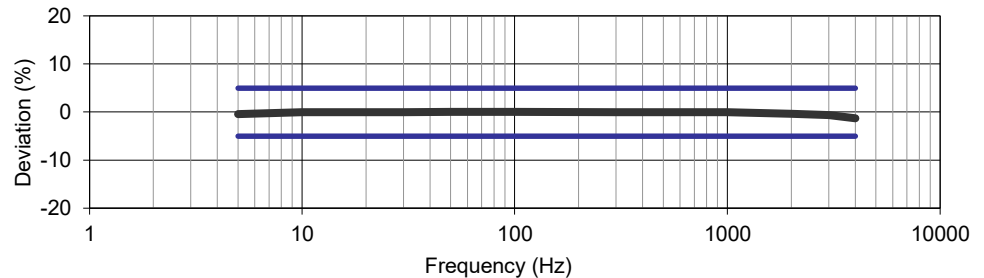
Data Table

[illegible]

Phase Response



Amplitude Response



Notes

Results relate only to the items calibrated.

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Method: Back-to-Back Comparison Calibration per ISO 16063 Part 21.

This calibration was performed with TMS 9155 Calibration Workstation 1 version 8.0.3.

Proficiency in calibration traceable to PTB (17014/17004) and NIST (683/287323).

Back-to-Back Comparison Calibration per ISO 16063-21

Procedure Used: PRD-P220 or PRD-P239

Measurement uncertainty (95% confidence level with coverage factor 2) for frequency ranges tested during calibration are as follows: 5-9 Hz; $\pm 1.7\%$, 10-99 Hz; $\pm 1.2\%$, 100 Hz; $\pm 0.75\%$, 101-920 Hz; $\pm 1.0\%$, 921-5000 Hz; $\pm 1.4\%$, 5001-10,000 Hz; $\pm 1.9\%$, 10,001-15,000 Hz; $\pm 2.2\%$, 15,001-20,000 Hz; $\pm 2.8\%$.

Phase uncertainty: 5-99 Hz; 1.5°, 100-4999 Hz; 1.3°, 5000-20,000 Hz; 2.8°

Unit Condition

As Found: In Tolerance

As Left: In Tolerance

Lab Conditions

Temperature: 72 (22) °F (°C)

Humidity: 24 %

Customer

TMS Rental

Cal Date: 22-Mar-24

Due Date:

Technician Notes

Approval Information

Technician: Ed Devlin

Approval: 