

CERTIFICATE OF CALIBRATION

No: CDK2604808

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CALIBRATION OF

Filter:	Brüel & Kjær Type 3050-A-060	No: 3050-101157	Id: 123050001
PreAmplifier:	Brüel & Kjær Type 1706	No: 3392881	
Software version:	BKConnect 30.0.0.281	Pattern Approval:	-
Instruction manual:	None		

CUSTOMER

Hottinger Brüel & Kjær A/S
Teknikerbyen 26-40
2830 Virum
Denmark

CALIBRATION CONDITIONS

Preconditioning: 4 hours at 23°C ± 3°C
Environmental conditions: Pressure: 80kPa - 105kPa. Humidity: 25% - 75% RH. Temperature: 20°C - 26°C.

SPECIFICATIONS

The Filter Brüel & Kjær Type 3050-A-060 has been calibrated in accordance with the requirements as specified in IEC 61260-1:2014 class 1. Procedures from IEC 61260-3:2016 were used to perform the periodic tests. The accreditation assures the traceability to the international units system SI.

PROCEDURE

The measurements have been performed with the assistance of Hottinger Brüel & Kjær Sound Level Meter Calibration System 3630 with application software type 7763 (version 10.1 - DB: 10.10) by using procedure B&K proc LAN-XI, 4966+1706, 1/3 Octave (IEC 61260:2016).

RESULTS

Calibration Mode: **Calibration as received.**

The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor $k = 2$ providing a level of confidence of approximately 95 %. The uncertainty evaluation has been carried out in accordance with EA-4/02 from elements originating from the standards, calibration method, effect of environmental conditions and any short time contribution from the device(s) under calibration. The results are only applicable for the specific device(s) listed above.

Date of calibration: 2026-08-10

Date of issue: 2026-08-10



Sylvia Wu Andersen
Calibration Technician



Jesper Bo Vedel
Approved Signatory

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1. Calibration Note

n/a

2. Summary

4.1. Preliminary inspection	Passed
4.2. Environmental conditions, Prior to calibration	Passed
4.3. Channel information	Passed
4.4. Reference information	Passed
4.5. Reference Attenuation @ 1000 Hz	Passed
4.6. Relative attenuation at midband frequency	Passed
4.7. Linear operating range (Reference) @ 31.5 Hz	Passed
4.8. Linear operating range (Reference) @ 1000 Hz	Passed
4.9. Linear operating range (Reference) @ 16000 Hz	Passed
4.10. Relative attenuation 31.5 Hz	Passed
4.11. Relative attenuation 1000 Hz	Passed
4.12. Relative attenuation 16000 Hz	Passed
4.13. Lower limit of linear operating range. Range 10 - 132 dB	Passed
4.14. Environmental conditions, Following calibration	Passed

Conformance to a performance specification is demonstrated when the following criteria are both satisfied: (a) a measured deviation from a design goal does not exceed the applicable acceptance limit and (b) the corresponding uncertainty of measurement does not exceed the corresponding maximum-permitted uncertainty of measurement given in IEC 61260-1:2014 for the same coverage probability of 95 %.

The filter submitted for testing successfully completed the periodic tests of IEC 61260-3, for the environmental conditions under which the tests were performed.

However, no general statement or conclusion can be made about conformance of the filter to the full specifications of IEC 61260-1:2014 because (a) evidence was not publicly available, from an independent testing organization responsible for pattern approvals, to demonstrate that the model of filter fully conformed to the class 1 specifications in IEC 61260-1:2014 and (b) because the periodic tests of IEC 61260-3 cover only a limited subset of the specifications in IEC 61260-1:2014.

Note on measurements

Measurements close to or at the upper limit of a measuring range may produce an overload indication. Similarly measurements close to or at the lower limit of a measuring range may produce an underrange indication. This is not to be interpreted as an error of the instrument under calibration, but an indication that the signal has reached the limit of the measuring range.

Calibration has been performed regardless of the specific requirement in IEC 61260-3:2016 section 4.1 for an instruction manual. Applied specifications have been calculated based on specifications for similar type/configuration, available product data and/or estimated values.

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3. Instruments

	Instrument	Inventory No.
Adaptor	Brüel & Kjær, Type WA-0302-B 15 pF	150503013
Voltmeter	Agilent, Type 34461A	142114002
Amplifier/Divider	Brüel & Kjær, Type WB-3630	163630002
Generator	Brüel & Kjær, Type 3161-A-011	123161058
Environmental Values	Vaisala, Type Indigo 520	142908001

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4. Measurements

4.1. Preliminary inspection

The unit is visually inspected to check the suitability for calibration. (section 6)

	Result	
Preliminary inspection	OK	

4.2. Environmental conditions, Prior to calibration

Actual environmental conditions prior to calibration. (section 8)

	Expected	Accept - Limit	Accept + Limit	Measured	Uncertainty	
				[Deg / %RH]	[Deg / %RH]	
Air temperature	23.00	-3.00	3.00	23.1	0.05	
Relative humidity	50.00	-25.00	20.00	48.0	0.50	

4.3. Channel information

Input being calibrated	3050-A-060 Input Module LAN-XI 51.2kHz (Slot 1), 4966 H 41	

4.4. Reference information

Information about reference range, level and channel. (section 14.f + 14.h)

	Value	
	[dB SPL]	
Reference level	94	
Reference level range	132	
Channel number	1	

4.5. Reference Attenuation @ 1000 Hz

Reference attenuation in passband measured at 1 kHz in reference range. (IEC 61260-1:2014, clause 5.9)

Device range set to 10V (Max Peak Input)

	Input Level	Measured	Lower Limit	Upper Limit	Deviation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
LRef	94.00	93.37	-2.00	2.00	-0.63	0.12	

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4.6. Relative attenuation at midband frequency

The relative attenuation is measured and compared to the limits stated in IEC 61260-3:2016.

The reference frequency is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 10.2.

Device range set to 10V (Max Peak Input)

	Input Level	Measured	Lower Limit	Upper Limit	Attenuation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
20.00 Hz	94.00	93.93	0.40	-0.40	0.07	0.06	
25.00 Hz	94.00	93.95	0.40	-0.40	0.05	0.06	
31.50 Hz	94.00	93.96	0.40	-0.40	0.04	0.06	
40.00 Hz	94.00	93.97	0.40	-0.40	0.03	0.06	
50.00 Hz	94.00	93.97	0.40	-0.40	0.03	0.06	
63.00 Hz	94.00	93.97	0.40	-0.40	0.03	0.06	
80.00 Hz	94.00	93.98	0.40	-0.40	0.02	0.06	
100.00 Hz	94.00	93.98	0.40	-0.40	0.02	0.06	
125.00 Hz	94.00	93.98	0.40	-0.40	0.02	0.06	
160.00 Hz	94.00	93.98	0.40	-0.40	0.02	0.06	
200.00 Hz	94.00	93.99	0.40	-0.40	0.01	0.06	
250.00 Hz	94.00	93.99	0.40	-0.40	0.01	0.06	
315.00 Hz	94.00	93.99	0.40	-0.40	0.01	0.06	
400.00 Hz	94.00	93.99	0.40	-0.40	0.01	0.06	
500.00 Hz	94.00	93.99	0.40	-0.40	0.01	0.06	
630.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
800.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
1000.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
1250.00 Hz	94.00	94.01	0.40	-0.40	-0.01	0.06	
1600.00 Hz	94.00	94.01	0.40	-0.40	-0.01	0.06	
2000.00 Hz	94.00	94.01	0.40	-0.40	-0.01	0.06	
2500.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
3150.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
4000.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
5000.00 Hz	94.00	94.00	0.40	-0.40	0.00	0.06	
6300.00 Hz	94.00	94.01	0.40	-0.40	-0.01	0.06	
8000.00 Hz	94.00	94.02	0.40	-0.40	-0.02	0.06	
10000.00 Hz	94.00	94.02	0.40	-0.40	-0.02	0.06	
12500.00 Hz	94.00	94.03	0.40	-0.40	-0.03	0.06	
16000.00 Hz	94.00	94.03	0.40	-0.40	-0.03	0.06	
20000.00 Hz	94.00	94.04	0.40	-0.40	-0.04	0.06	

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4.7. Linear operating range (Reference) @ 31.5 Hz

The level linearity is measured in reference range in steps of 5 dB, and in 1 dB steps at the range boundaries.

The test frequency is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 11.

Device range set to 10V (Max Peak Input)

	Expected	Measured	Lower Limit	Upper Limit	Deviation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
94 dB, Ref.	94.00	93.96	-0.50	0.50	-0.04	0.06	
20 dB	19.96	19.94	-0.70	0.70	-0.02	0.35	
21 dB	20.96	20.92	-0.70	0.70	-0.04	0.35	
22 dB	21.96	22.03	-0.70	0.70	0.07	0.35	
23 dB	22.96	22.94	-0.70	0.70	-0.02	0.35	
24 dB	23.96	24.02	-0.70	0.70	0.07	0.35	
25 dB	24.96	24.91	-0.70	0.70	-0.05	0.35	
30 dB	29.96	30.03	-0.70	0.70	0.08	0.35	
35 dB	34.96	34.95	-0.70	0.70	-0.01	0.35	
40 dB	39.96	39.96	-0.70	0.70	0.00	0.35	
45 dB	44.96	44.98	-0.70	0.70	0.03	0.35	
50 dB	49.96	49.96	-0.70	0.70	0.01	0.35	
55 dB	54.96	54.96	-0.70	0.70	0.01	0.08	
60 dB	59.96	59.96	-0.70	0.70	0.01	0.08	
65 dB	64.96	64.96	-0.70	0.70	0.00	0.08	
70 dB	69.96	69.96	-0.70	0.70	0.00	0.08	
75 dB	74.96	74.96	-0.70	0.70	0.01	0.08	
80 dB	79.96	79.96	-0.70	0.70	0.00	0.08	
85 dB	84.96	84.95	-0.70	0.70	0.00	0.06	
90 dB	89.96	89.96	-0.70	0.70	0.00	0.06	
95 dB	94.96	94.96	-0.50	0.50	0.00	0.06	
100 dB	99.96	99.95	-0.50	0.50	0.00	0.06	
105 dB	104.96	104.95	-0.50	0.50	0.00	0.06	
110 dB	109.96	109.95	-0.50	0.50	0.00	0.06	
115 dB	114.96	114.96	-0.50	0.50	0.01	0.06	
120 dB	119.96	119.96	-0.50	0.50	0.01	0.06	
125 dB	124.96	124.95	-0.50	0.50	0.00	0.06	
127 dB	126.96	126.96	-0.50	0.50	0.01	0.06	
128 dB	127.96	127.96	-0.50	0.50	0.01	0.06	
129 dB	128.96	128.96	-0.50	0.50	0.01	0.06	
130 dB	129.96	129.96	-0.50	0.50	0.01	0.06	
131 dB	130.96	130.96	-0.50	0.50	0.01	0.06	
132 dB	131.96	131.94	-0.50	0.50	-0.01	0.06	
133 dB	132.96	132.94	-0.50	0.50	-0.02	0.06	
134 dB	133.96	133.91	-0.50	0.50	-0.04	0.06	

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4.8. Linear operating range (Reference) @ 1000 Hz

The level linearity is measured in reference range in steps of 5 dB, and in 1 dB steps at the range boundaries.

The test frequency is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 11.

Device range set to 10V (Max Peak Input)

	Expected	Measured	Lower Limit	Upper Limit	Deviation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
94 dB, Ref.	94.00	94.00	-0.50	0.50	0.00	0.06	
20 dB	20.00	20.01	-0.70	0.70	0.01	0.35	
21 dB	21.00	21.01	-0.70	0.70	0.01	0.35	
22 dB	22.00	22.02	-0.70	0.70	0.02	0.35	
23 dB	23.00	23.00	-0.70	0.70	0.00	0.35	
24 dB	24.00	24.02	-0.70	0.70	0.02	0.35	
25 dB	25.00	25.00	-0.70	0.70	0.01	0.35	
30 dB	30.00	30.01	-0.70	0.70	0.01	0.35	
35 dB	35.00	35.01	-0.70	0.70	0.01	0.35	
40 dB	40.00	40.00	-0.70	0.70	0.01	0.35	
45 dB	45.00	45.00	-0.70	0.70	0.00	0.35	
50 dB	50.00	50.00	-0.70	0.70	0.01	0.35	
55 dB	55.00	55.00	-0.70	0.70	0.00	0.08	
60 dB	60.00	60.00	-0.70	0.70	0.00	0.08	
65 dB	65.00	65.00	-0.70	0.70	0.00	0.08	
70 dB	70.00	70.00	-0.70	0.70	0.00	0.08	
75 dB	75.00	75.00	-0.70	0.70	0.00	0.08	
80 dB	80.00	80.00	-0.70	0.70	0.00	0.08	
85 dB	85.00	85.00	-0.70	0.70	0.00	0.06	
90 dB	90.00	90.00	-0.70	0.70	0.00	0.06	
95 dB	95.00	95.00	-0.50	0.50	0.00	0.06	
100 dB	100.00	100.00	-0.50	0.50	0.00	0.06	
105 dB	105.00	105.00	-0.50	0.50	0.00	0.06	
110 dB	110.00	110.00	-0.50	0.50	0.00	0.06	
115 dB	115.00	115.00	-0.50	0.50	0.00	0.06	
120 dB	120.00	120.00	-0.50	0.50	0.00	0.06	
125 dB	125.00	125.00	-0.50	0.50	0.00	0.06	
127 dB	127.00	127.00	-0.50	0.50	0.00	0.06	
128 dB	128.00	128.00	-0.50	0.50	0.00	0.06	
129 dB	129.00	129.00	-0.50	0.50	0.00	0.06	
130 dB	130.00	130.00	-0.50	0.50	0.00	0.06	
131 dB	131.00	131.00	-0.50	0.50	0.00	0.06	
132 dB	132.00	132.00	-0.50	0.50	0.00	0.06	
133 dB	133.00	132.99	-0.50	0.50	-0.01	0.06	
134 dB	134.00	133.98	-0.50	0.50	-0.02	0.06	

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4.9. Linear operating range (Reference) @ 16000 Hz

The level linearity is measured in reference range in steps of 5 dB, and in 1 dB steps at the range boundaries.

The test frequency is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 11.

Device range set to 10V (Max Peak Input)

	Expected	Measured	Lower Limit	Upper Limit	Deviation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
94 dB, Ref.	94.00	94.03	-0.50	0.50	0.03	0.06	
20 dB	20.03	20.14	-0.70	0.70	0.11	0.35	
21 dB	21.03	21.11	-0.70	0.70	0.07	0.35	
22 dB	22.03	22.09	-0.70	0.70	0.05	0.35	
23 dB	23.03	23.08	-0.70	0.70	0.05	0.35	
24 dB	24.03	24.07	-0.70	0.70	0.04	0.35	
25 dB	25.03	25.06	-0.70	0.70	0.03	0.35	
30 dB	30.03	30.05	-0.70	0.70	0.01	0.35	
35 dB	35.03	35.04	-0.70	0.70	0.01	0.35	
40 dB	40.03	40.04	-0.70	0.70	0.01	0.35	
45 dB	45.03	45.04	-0.70	0.70	0.00	0.35	
50 dB	50.03	50.04	-0.70	0.70	0.00	0.35	
55 dB	55.03	55.04	-0.70	0.70	0.00	0.08	
60 dB	60.03	60.03	-0.70	0.70	0.00	0.08	
65 dB	65.03	65.03	-0.70	0.70	0.00	0.08	
70 dB	70.03	70.03	-0.70	0.70	0.00	0.08	
75 dB	75.03	75.03	-0.70	0.70	0.00	0.08	
80 dB	80.03	80.03	-0.70	0.70	0.00	0.08	
85 dB	85.03	85.03	-0.70	0.70	0.00	0.06	
90 dB	90.03	90.03	-0.70	0.70	0.00	0.06	
95 dB	95.03	95.03	-0.50	0.50	0.00	0.06	
100 dB	100.03	100.03	-0.50	0.50	0.00	0.06	
105 dB	105.03	105.03	-0.50	0.50	0.00	0.06	
110 dB	110.03	110.03	-0.50	0.50	0.00	0.06	
115 dB	115.03	115.03	-0.50	0.50	0.00	0.06	
120 dB	120.03	120.04	-0.50	0.50	0.00	0.06	
125 dB	125.03	125.04	-0.50	0.50	0.00	0.06	
127 dB	127.03	127.03	-0.50	0.50	0.00	0.06	
128 dB	128.03	128.03	-0.50	0.50	0.00	0.06	
129 dB	129.03	129.03	-0.50	0.50	0.00	0.06	
130 dB	130.03	130.03	-0.50	0.50	0.00	0.06	
131 dB	131.03	131.03	-0.50	0.50	0.00	0.06	
132 dB	132.03	132.03	-0.50	0.50	0.00	0.06	
133 dB	133.03	133.03	-0.50	0.50	-0.01	0.06	
134 dB	134.03	134.02	-0.50	0.50	-0.02	0.06	

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4.10. Relative attenuation 31.5 Hz

The relative attenuation is measured and compared to the limits stated in IEC 61260-3:2016, table 1.

The reference frequency in each band is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 13.

Device range set to 10V (Max Peak Input)

	Input Level	Measured	Lower Limit	Upper Limit	Attenuation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
10.36 Hz	131.00	64.93	999.00	60.00	66.07	0.50	
16.81 Hz	131.00	81.27	999.00	40.50	49.73	0.12	
24.43 Hz	131.00	106.24	999.00	16.60	24.76	0.07	
29.08 Hz	131.00	130.49	1.40	-0.40	0.51	0.06	
29.95 Hz	131.00	130.97	0.70	-0.40	0.03	0.06	
30.80 Hz	131.00	130.94	0.50	-0.40	0.06	0.06	
31.62 Hz	131.00	130.95	0.40	-0.40	0.05	0.06	
32.47 Hz	131.00	130.95	0.50	-0.40	0.05	0.06	
33.39 Hz	131.00	130.97	0.70	-0.40	0.03	0.06	
34.39 Hz	131.00	130.62	1.40	-0.40	0.38	0.06	
40.93 Hz	131.00	106.71	999.00	16.60	24.29	0.07	
59.51 Hz	131.00	49.12	999.00	40.50	81.88	0.12	
96.56 Hz	131.00	31.20	999.00	60.00	99.80	0.50	
170.51 Hz	131.00	20.64	999.00	70.00	110.36	0.50	

4.11. Relative attenuation 1000 Hz

The relative attenuation is measured and compared to the limits stated in IEC 61260-3:2016, table 1.

The reference frequency in each band is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 13.

Device range set to 10V (Max Peak Input)

	Input Level	Measured	Lower Limit	Upper Limit	Attenuation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
185.46 Hz	131.00	47.78	999.00	70.00	83.22	0.50	
327.48 Hz	131.00	64.36	999.00	60.00	66.64	0.50	
531.43 Hz	131.00	81.43	999.00	40.50	49.57	0.12	
772.57 Hz	131.00	106.57	999.00	16.60	24.43	0.07	
919.58 Hz	131.00	130.64	1.40	-0.40	0.36	0.06	
947.19 Hz	131.00	131.01	0.70	-0.40	-0.01	0.06	
974.02 Hz	131.00	130.98	0.50	-0.40	0.02	0.06	
1000.00 Hz	131.00	131.00	0.40	-0.40	0.00	0.06	
1026.67 Hz	131.00	130.98	0.50	-0.40	0.02	0.06	
1055.75 Hz	131.00	131.01	0.70	-0.40	-0.01	0.06	
1087.46 Hz	131.00	130.55	1.40	-0.40	0.45	0.06	
1294.37 Hz	131.00	106.49	999.00	16.60	24.51	0.07	
1881.73 Hz	131.00	50.41	999.00	40.50	80.59	0.12	
3053.65 Hz	131.00	37.22	999.00	60.00	93.78	0.50	
5391.95 Hz	131.00	34.37	999.00	70.00	96.63	0.50	

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4.12. Relative attenuation 16000 Hz

The relative attenuation is measured and compared to the limits stated in IEC 61260-3:2016, table 1.

The reference frequency in each band is the 1/3-Octave midband normalized frequency.

The calibration is carried out according to IEC 61260-3:2016, clause 13.

Device range set to 10V (Max Peak Input)

	Input Level	Measured	Lower Limit	Upper Limit	Attenuation	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	[dB]	[dB]	
2939.37 Hz	131.00	47.35	999.00	70.00	83.65	0.50	
5190.16 Hz	131.00	63.95	999.00	60.00	67.05	0.50	
8422.54 Hz	131.00	81.43	999.00	40.50	49.57	0.12	
12244.48 Hz	131.00	106.60	999.00	16.60	24.40	0.07	
14574.31 Hz	131.00	130.68	1.40	-0.40	0.32	0.06	
15011.95 Hz	131.00	131.05	0.70	-0.40	-0.05	0.06	
15437.16 Hz	131.00	131.02	0.50	-0.40	-0.02	0.06	
15848.93 Hz	131.00	131.03	0.40	-0.40	-0.03	0.06	
16271.69 Hz	131.00	131.01	0.50	-0.40	-0.01	0.06	
16732.58 Hz	131.00	131.04	0.70	-0.40	-0.04	0.06	
17235.03 Hz	131.00	130.57	1.40	-0.40	0.43	0.06	
20514.45 Hz	131.00	106.54	999.00	16.60	24.46	0.09	
29823.37 Hz	131.00	74.78	999.00	40.50	56.22	0.13	

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4.13. Lower limit of linear operating range. Range 10 - 132 dB

For all bands, the level at lower operating range limit is measured with input shorted.

The calibration is carried out according to IEC 61260-3:2016, clause 12.

Device range set to 10V (Max Peak Input)

	Limit	Measured	Below	Uncertainty	
	[dB SPL]	[dB SPL]	[dB]	[dB]	
20.00 Hz	20.00	6.32	-13.68	2.00	Underrange
25.00 Hz	20.00	4.94	-15.06	2.00	Underrange
31.50 Hz	20.00	4.14	-15.86	2.00	Underrange
40.00 Hz	20.00	3.25	-16.75	2.00	Underrange
50.00 Hz	20.00	2.78	-17.22	2.00	Underrange
63.00 Hz	20.00	1.69	-18.31	2.00	Underrange
80.00 Hz	20.00	0.52	-19.48	2.00	Underrange
100.00 Hz	20.00	0.28	-19.72	2.00	Underrange
125.00 Hz	20.00	-0.72	-20.72	2.00	Underrange
160.00 Hz	20.00	-1.43	-21.43	2.00	Underrange
200.00 Hz	20.00	-2.10	-22.10	2.00	Underrange
250.00 Hz	20.00	-2.67	-22.67	2.00	Underrange
315.00 Hz	20.00	-3.34	-23.34	2.00	Underrange
400.00 Hz	20.00	-3.91	-23.91	2.00	Underrange
500.00 Hz	20.00	-4.04	-24.04	2.00	Underrange
630.00 Hz	20.00	-4.24	-24.24	2.00	Underrange
800.00 Hz	20.00	-4.41	-24.41	2.00	Underrange
1000.00 Hz	20.00	-4.33	-24.33	2.00	Underrange
1250.00 Hz	20.00	-4.15	-24.15	2.00	Underrange
1600.00 Hz	20.00	-3.93	-23.93	2.00	Underrange
2000.00 Hz	20.00	-3.41	-23.41	2.00	Underrange
2500.00 Hz	20.00	-3.05	-23.05	2.00	Underrange
3150.00 Hz	20.00	-2.35	-22.35	2.00	Underrange
4000.00 Hz	20.00	-1.65	-21.65	2.00	Underrange
5000.00 Hz	20.00	-0.90	-20.90	2.00	Underrange
6300.00 Hz	20.00	0.00	-20.00	2.00	Underrange
8000.00 Hz	20.00	0.85	-19.15	2.00	Underrange
10000.00 Hz	20.00	1.72	-18.28	2.00	Underrange
12500.00 Hz	20.00	2.67	-17.33	2.00	Underrange
16000.00 Hz	20.00	3.65	-16.35	2.00	Underrange
20000.00 Hz	20.00	4.67	-15.33	2.00	Underrange

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4.14. Environmental conditions, Following calibration

Actual environmental conditions following calibration. (section 8)

	Expected	Accept - Limit	Accept + Limit	Measured	Uncertainty	
				[Deg / %RH]	[Deg / %RH]	
Air temperature	23.00	-3.00	3.00	23.0	0.05	
Relative humidity	50.00	-25.00	20.00	49.0	0.50	

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