

Microphone Frequency and Phase Response Measurement Report

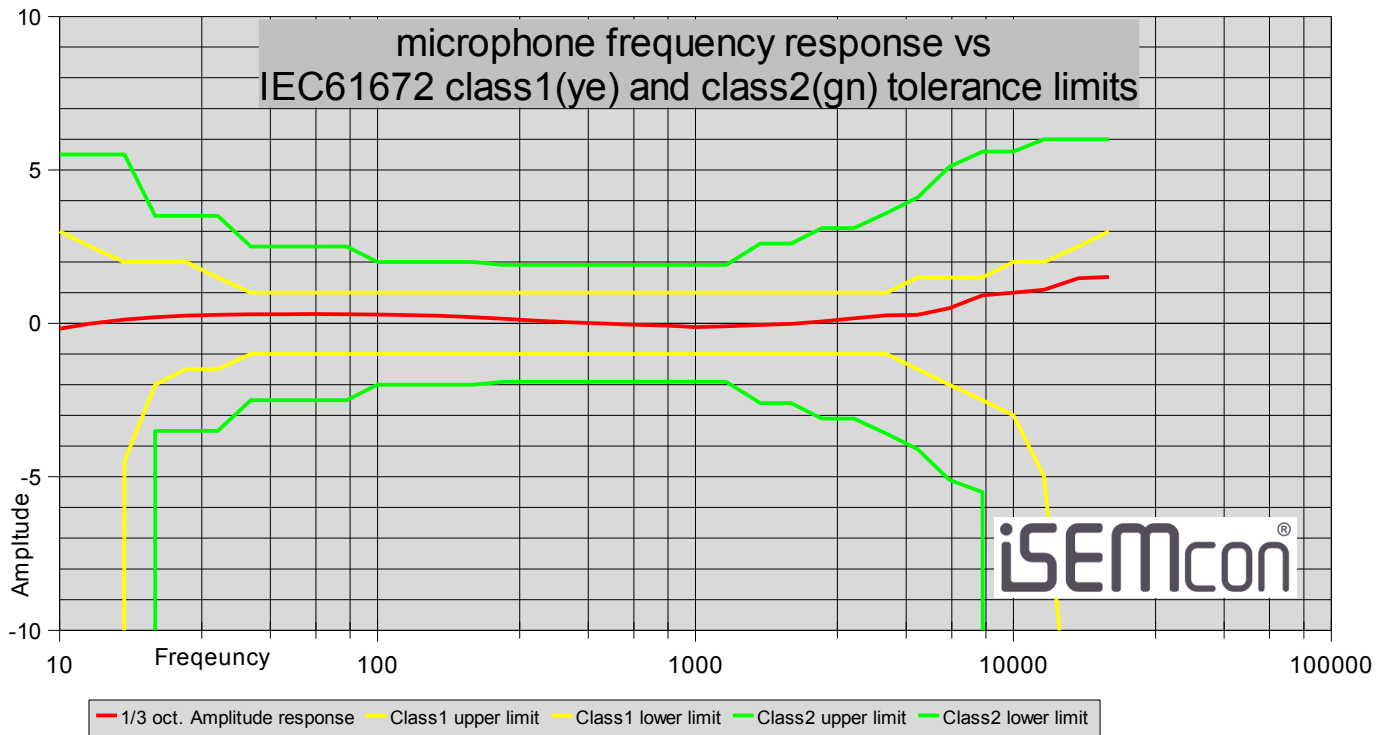
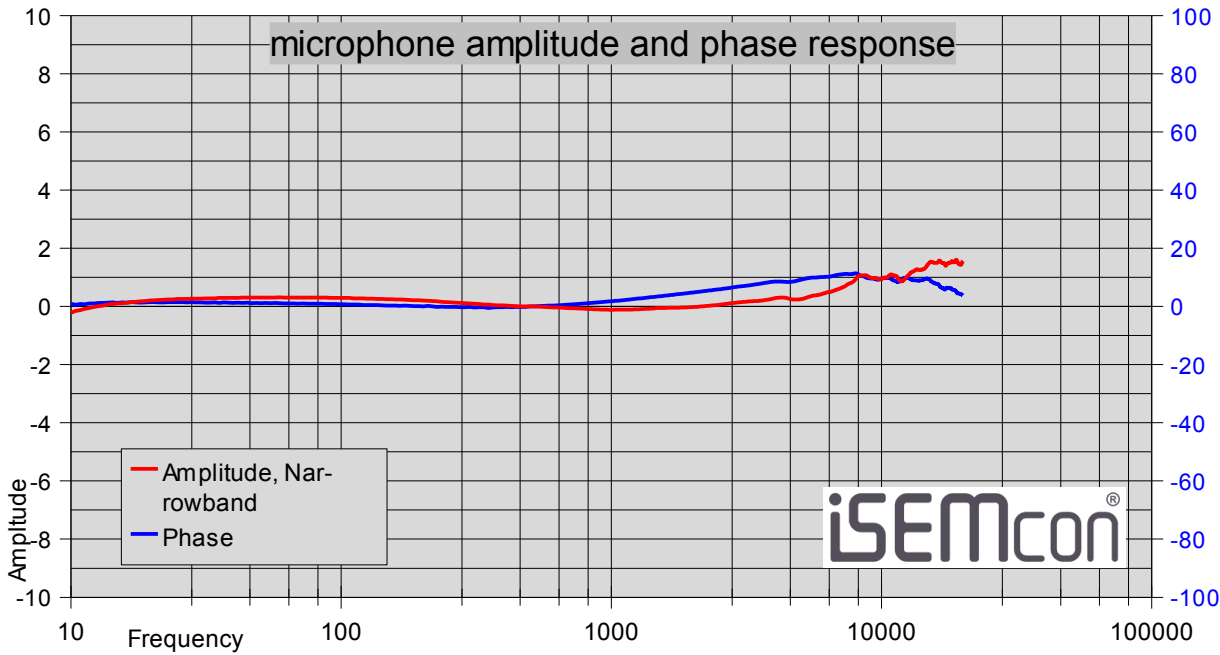
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Customer:
Microphone Manufacturer: iSEMcon GmbH
Serial No.: 24061008

Address:
Model: EMM-8
Preamp:

Measurement Date: 24.06.10 dd-mm-yy Temperature: 24,5 °C / 76,1 °F
Humidity: 39 %r.F. / r.H. Pressure: 1007 mbar / 14,61 psi

1/3 Oktav-Center-f	Amplitude
10	-0,170
12,5	-0,008
16	0,122
20	0,202
25	0,255
31,5	0,278
40	0,293
50	0,300
63	0,302
80	0,300
100	0,288
125	0,270
160	0,241
200	0,198
250	0,145
315	0,085
400	0,032
500	-0,002
630	-0,040
800	-0,072
1000	-0,123
1250	-0,094
1600	-0,051
2000	-0,019
2500	0,062
3150	0,160
4000	0,265
5000	0,279
6300	0,495
8000	0,912
10000	1,001
12500	1,094
16000	1,465
20000	1,513



Microphone sensitivity: 7,12 mV / Pa / 1 kHz
Microphone power supply: BIAS 2V / 2,2 kΩ

Reference microphone: Brüel & Kjaer 4133
Sound calibrator: Quest CA-22

This document doesn't represent a NIST (USA) or PTB (Germany) traceable calibration.
Die dokumentierten Kalibrierdaten sind weder auf die NIST (USA) noch auf die PTB (Germany) rückführbar.