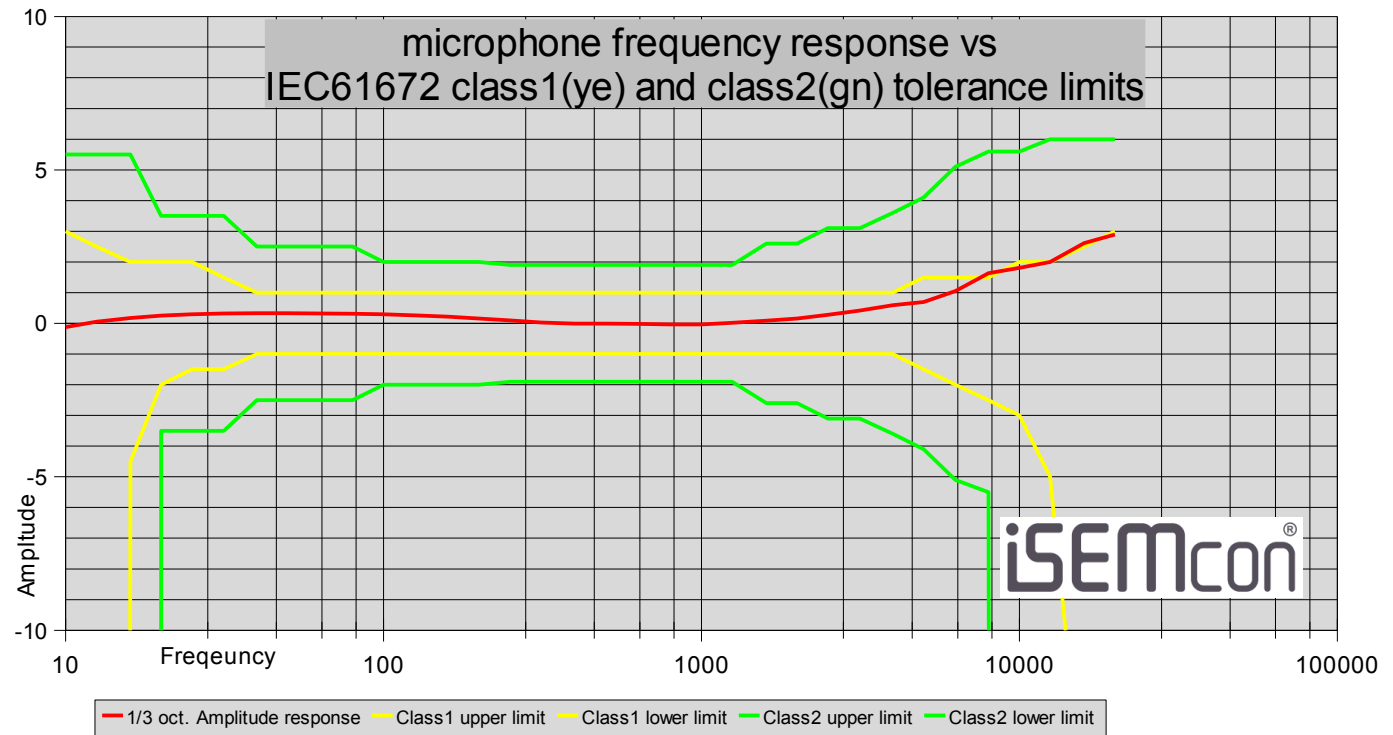
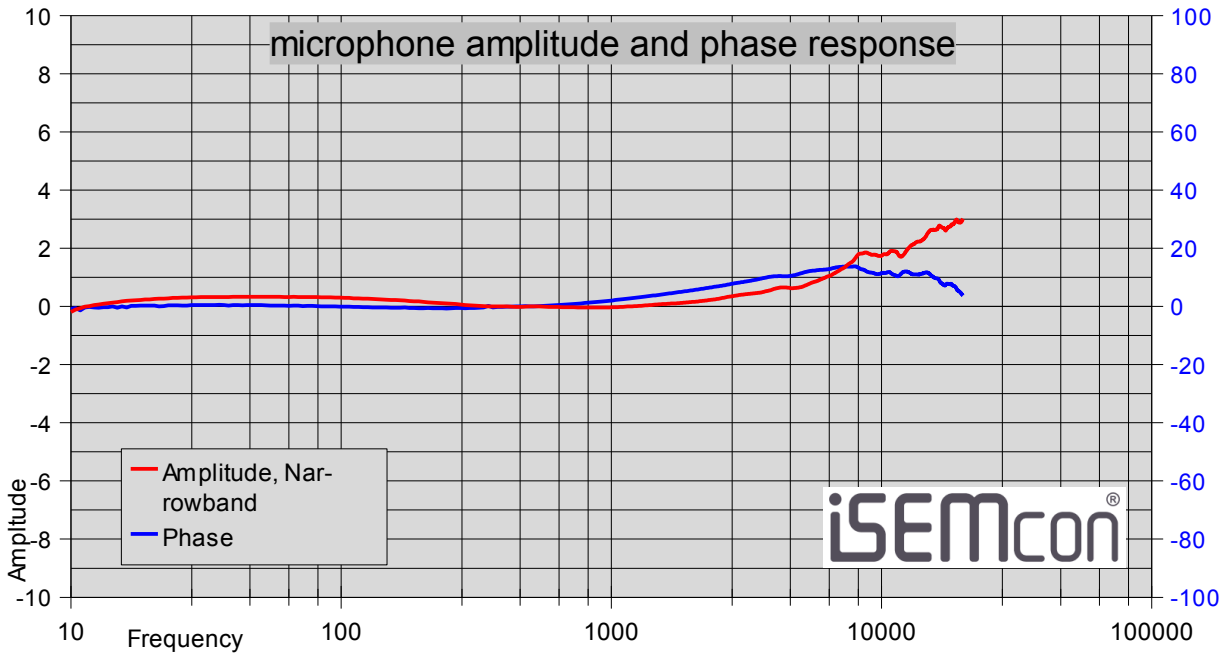


# Microphone Frequency and Phase Response Measurement Report

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1/3 Oktav-Center-f	Amplitude
10	-0,120
12,5	0,053
16	0,175
20	0,250
25	0,295
31,5	0,318
40	0,327
50	0,330
63	0,325
80	0,317
100	0,295
125	0,262
160	0,214
200	0,154
250	0,095
315	0,025
400	-0,005
500	-0,007
630	-0,020
800	-0,030
1000	-0,033
1250	0,019
1600	0,088
2000	0,158
2500	0,275
3150	0,419
4000	0,590
5000	0,695
6300	1,055
8000	1,638
10000	1,805
12500	2,003
16000	2,617
20000	2,895

Customer: iSEMcon GmbH  
 Microphone Manufacturer: iSEMcon GmbH  
 Serial No.: 24061001  
 Address: EMM-8  
 Model: EMM-8  
 Preamp:  
 Measurement Date: 24.06.10 dd-mm-yy  
 Humidity: 39 %r.F. / r.H.  
 Temperature: 24,5 °C / 76,1 °F  
 Pressure: 1007 mbar / 14,61 psi



Microphone sensitivity: 6,68 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.