

Microphone Frequency and Phase Response Measurement Report

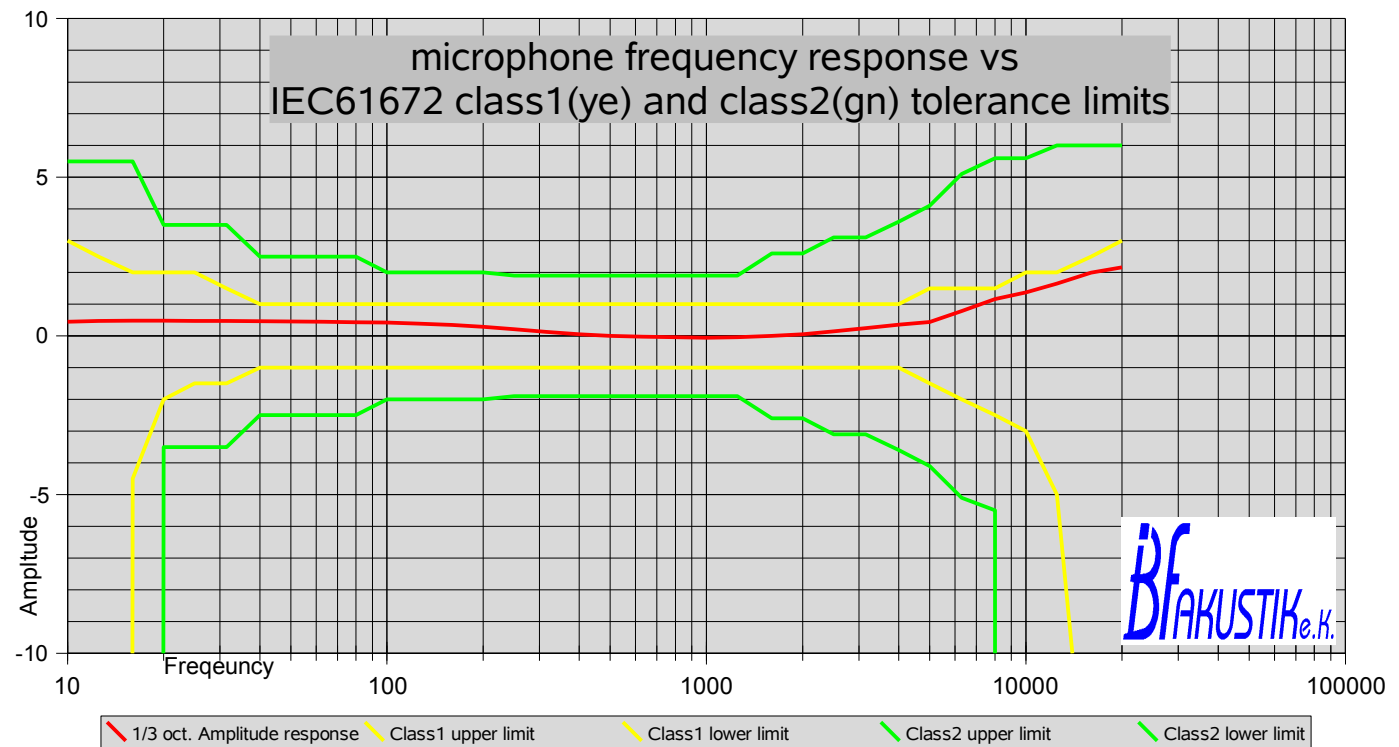
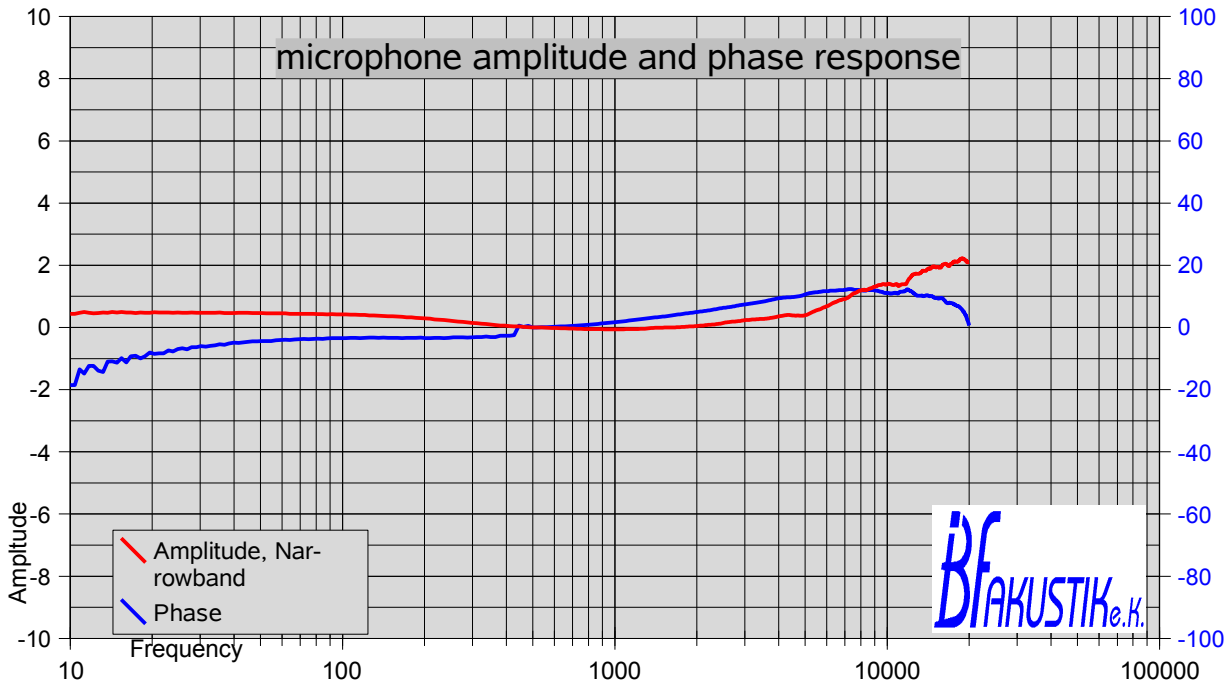
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Customer:
Microphone Manufacturer: IBF-Akustik e.K.
Serial No.: 24060717

Address:
Model: EMM-8
Preamp:

Measurement Date: 24.06.07 dd-mm-yy Temperature: 23,9 °C / 75,02 °F
Humidity: 47 %r.F. / r.H. Pressure: 1001 mbar / 14,52 psi

1/3 Oktav-Center-f	Amplitude
10	0,450
12,5	0,472
16	0,483
20	0,478
25	0,475
31,5	0,472
40	0,465
50	0,456
63	0,445
80	0,433
100	0,418
125	0,388
160	0,349
200	0,288
250	0,215
315	0,128
400	0,050
500	0,005
630	-0,023
800	-0,042
1000	-0,063
1250	-0,037
1600	0,000
2000	0,051
2500	0,146
3150	0,247
4000	0,353
5000	0,439
6300	0,783
8000	1,163
10000	1,371
12500	1,651
16000	1,995
20000	2,158



Microphone sensitivity: 5,06 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.