



Microphone Frequency Response Measurement Report

Customer: Cascade Microphones
Project No.: J2007-020

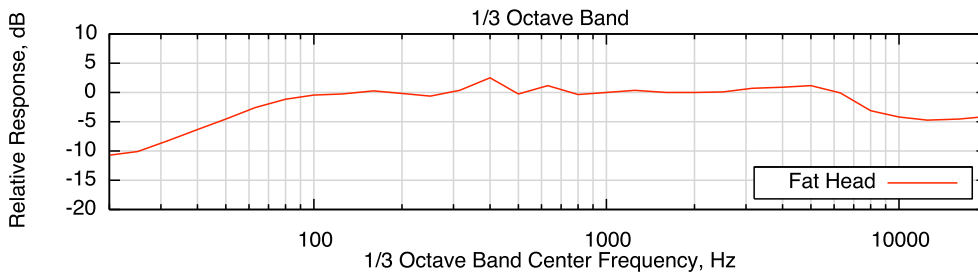
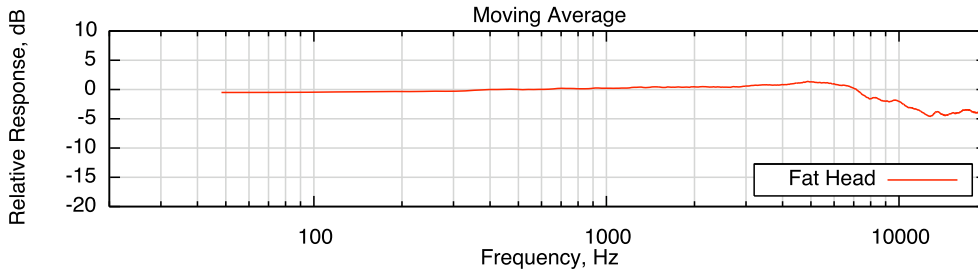
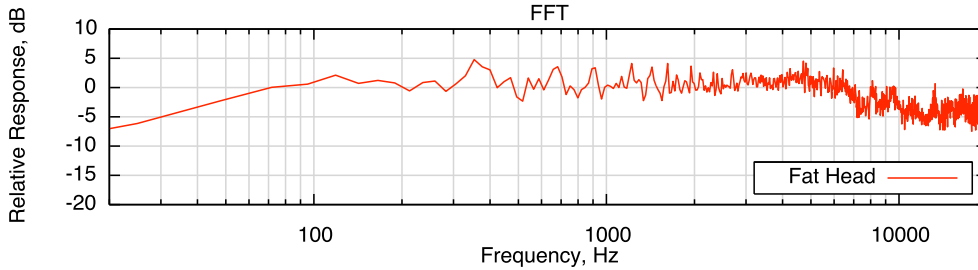
Address: 3720 Gravelly Beach Loop NW
Olympia, WA 98502

Microphone Manufacturer: Cascade Microphones
Serial Number: N/A

Model Number: Fat Head
Phantom Power: N/A

Measurement Date: Feb 18, 2007
Engineer: H. Singleton

Temperature: 68°F/20°C
Humidity: 23%

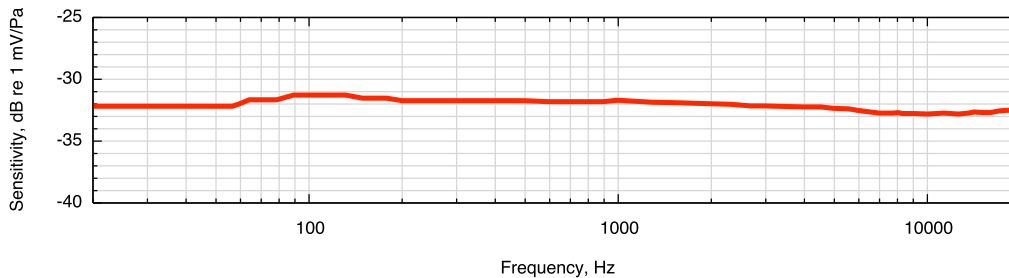


1/3 OB Results	
Freq.	Resp. (dB)
25	-10.89
31.5	-8.84
40	-6.61
50	-4.46
63	-2.77
80	-1.34
100	-0.27
125	0.63
160	0.27
200	-0.09
250	-0.36
315	0.54
400	0.95
500	-0.62
630	0.80
800	-0.36
1000	0.00
1250	0.18
1600	-0.09
2000	-0.27
2500	-0.27
3150	0.45
4000	0.45
5000	0.63
6300	-0.80
8000	-3.21
10000	-3.66
12500	-5.00
16000	-4.37

This frequency response measurement is not a NIST-traceable calibration.

Reference Microphone

Reference Microphone Frequency Response: ACO Pacific 7052S, S/N 31220, Cal. Date March 16, 2006





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Supplemental Information

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Microphone Manufacturer: Cascade Microphones	Model Number: Fat Head
Serial Number: N/A	Phantom Power: N/A
Measurement Date: Feb 18, 2007	Temperature: 68°F/20°C
Engineer: H. Singleton	Humidity: 23%
Ref. Calibrator: GenRad 1986	
Serial Number: 00242	
Microphone Sensitivity: -49.2 dB (3.5 mV/Pa) (re 1000Hz, 94 dB)	Noise Floor: < 17 dBA

Cascade Fat Head Ribbon Microphone Polar Response

