



Microphone Frequency Response Measurement Report

Customer: Cascade Microphones
Project No.: J2007-020

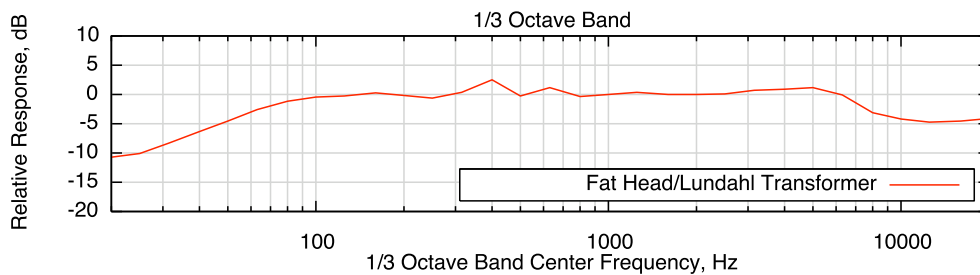
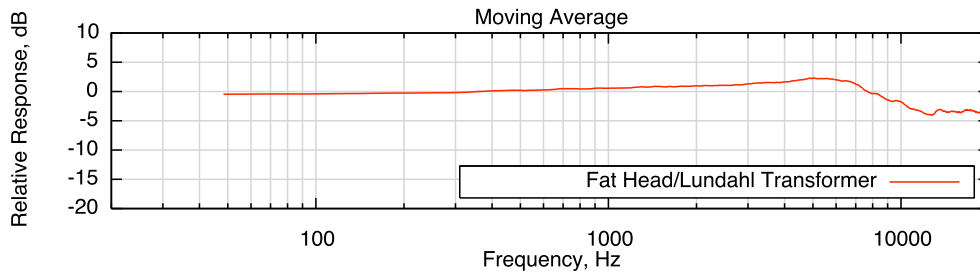
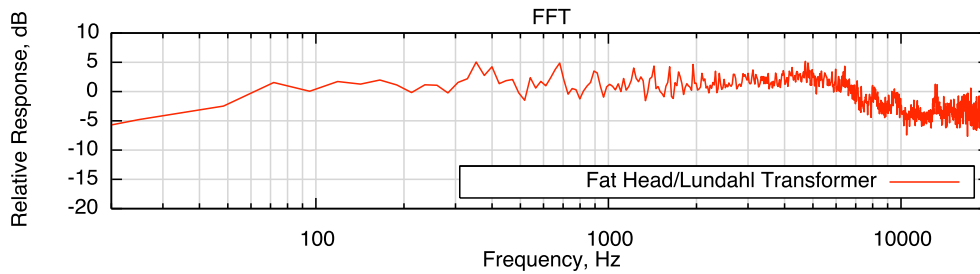
Address: 3720 Gravelly Beach Loop NW
Olympia, WA 98502

Microphone Manufacturer: Cascade Microphones
Serial Number: N/A

Model Number: Fat Head/Lundahl
Phantom Power: N/A

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

Temperature: 68°F/20°C
Humidity: 23%

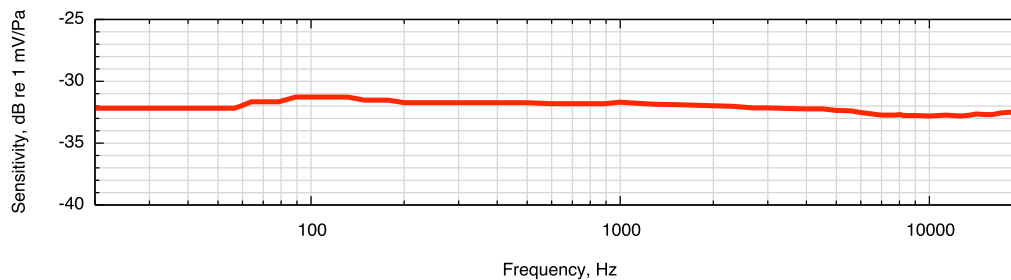


1/3 OB Results	
Freq.	Resp. (dB)
25	-10.09
31.5	-8.30
40	-6.34
50	-4.55
63	-2.58
80	-1.16
100	-0.44
125	-0.26
160	0.27
200	-0.17
250	-0.62
315	0.36
400	2.50
500	-0.26
630	1.17
800	-0.35
1000	0.00
1250	0.36
1600	0.00
2000	0.00
2500	0.09
3150	0.72
4000	0.90
5000	1.17
6300	-0.08
8000	-3.12
10000	-4.19
12500	-4.73
16000	-4.55

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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Project No.: J2007-020	Olympia, WA 98502
Microphone Manufacturer: Cascade Microphones	Model Number: Fat Head/Lundahl
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: -54.4 dB (1.9 mV/Pa) (re 1000Hz, 94 dB)	Noise Floor: < 17 dBA

Cascade Fat Head/Lundahl Ribbon Microphone Polar Response

