



Microphone Frequency Response Measurement Report

Customer: Cascade Microphones
Project No.: J2007-020

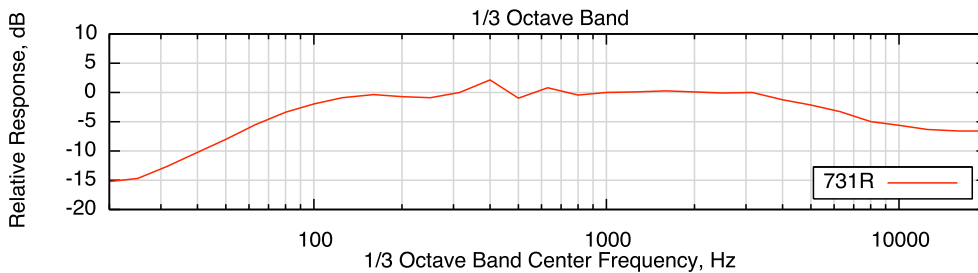
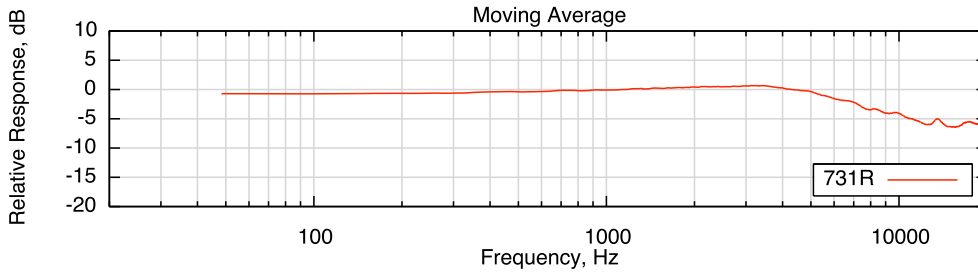
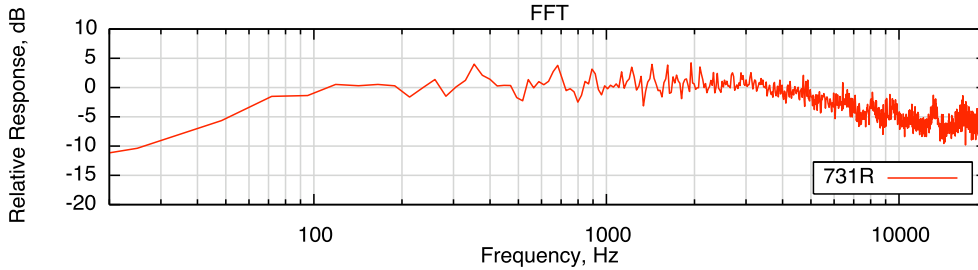
Address: 3720 Gravelly Beach Loop NW
Olympia, WA 98502

Microphone Manufacturer: Cascade Microphones
Serial Number: N/A

Model Number: 731R
Phantom Power: N/A

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

Temperature: 68°F/20°C
Humidity: 23%

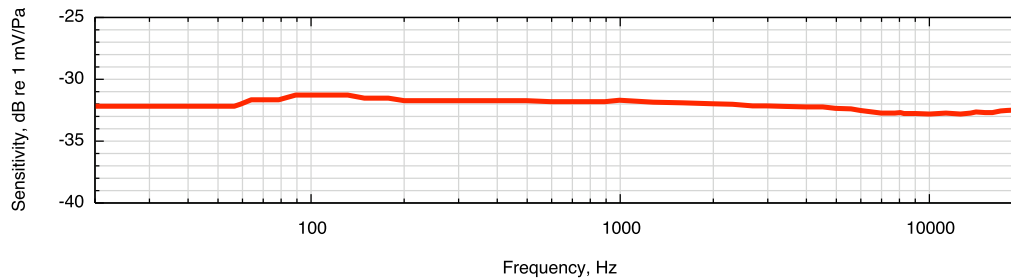


1/3 OB Results	
Freq.	Resp. (dB)
25	-14.69
31.5	-12.64
40	-10.24
50	-8.01
63	-5.52
80	-3.38
100	-1.96
125	-0.89
160	-0.36
200	-0.71
250	-0.89
315	0.00
400	2.14
500	-0.98
630	0.80
800	-0.44
1000	0.00
1250	0.09
1600	0.27
2000	0.09
2500	-0.09
3150	0.00
4000	-1.25
5000	-2.14
6300	-3.29
8000	-4.98
10000	-5.61
12500	-6.32
16000	-6.59

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: 731R
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: -47.3 dB (4.3 mV/Pa) (re 1000Hz, 94 dB)	Noise Floor: < 17 dBA

Cascade 731R Ribbon Microphone Polar Response

