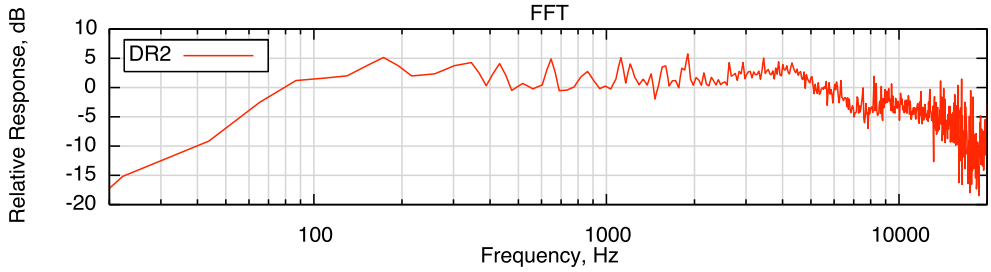
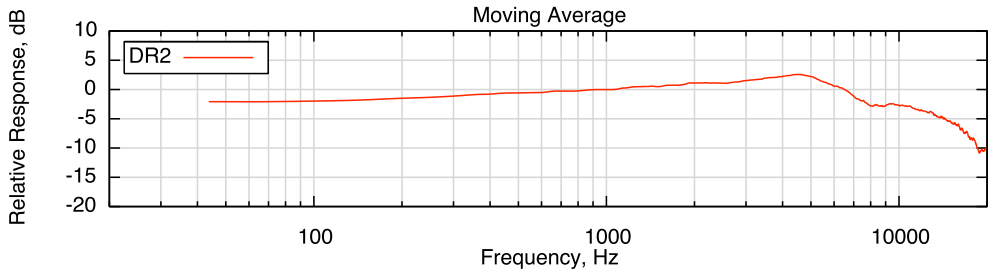
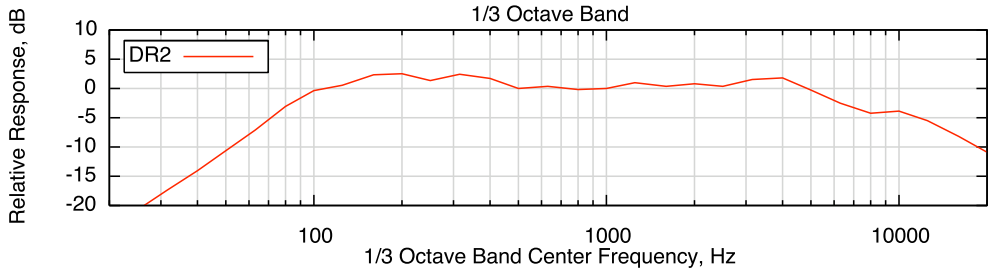
Cross·Spectrum Labs

Microphone Frequency Response Measurement Report

Customer:	Cascade Microphones	**Address:**	3720 Gravelly Beach Loop NW
Project No.:	J2007-020		Olympia, WA 98502
Microphone Manufacturer:	Cascade Microphones	**Model Number:**	DR2
Serial Number:	N/A	**Phantom Power:**	N/A
Measurement Date:	Jan 18, 2007	**Temperature:**	68°F/20°C
Engineer:	H. Singleton	**Humidity:**	23%



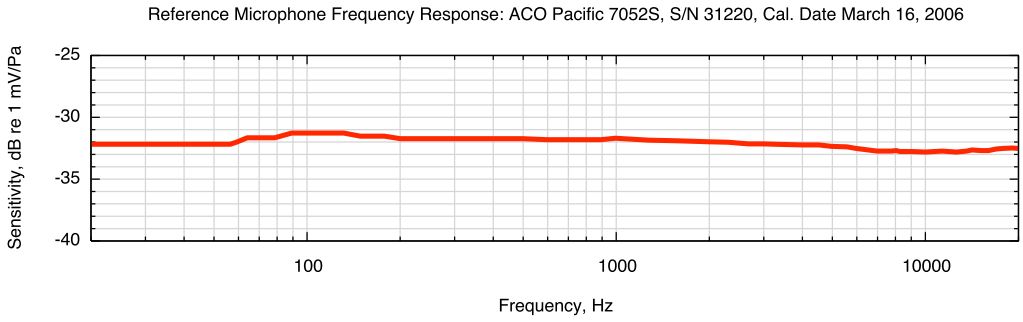




1/3 OB Results	
Freq.	Resp. (dB)
25	-19.80
31.5	-16.82
40	-14.12
50	-11.89
63	-10.00
80	-6.11
100	-2.80
125	-1.01
160	-0.13
200	2.16
250	1.49
315	2.30
400	1.01
500	0.95
630	2.30
800	-0.61
1000	0.00
1250	0.68
1600	0.20
2000	0.37
2500	0.81
3150	1.05
4000	1.25
5000	1.28
6300	0.78
8000	-0.71
10000	-4.26
12500	-6.69
16000	-8.31

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

Reference Microphone



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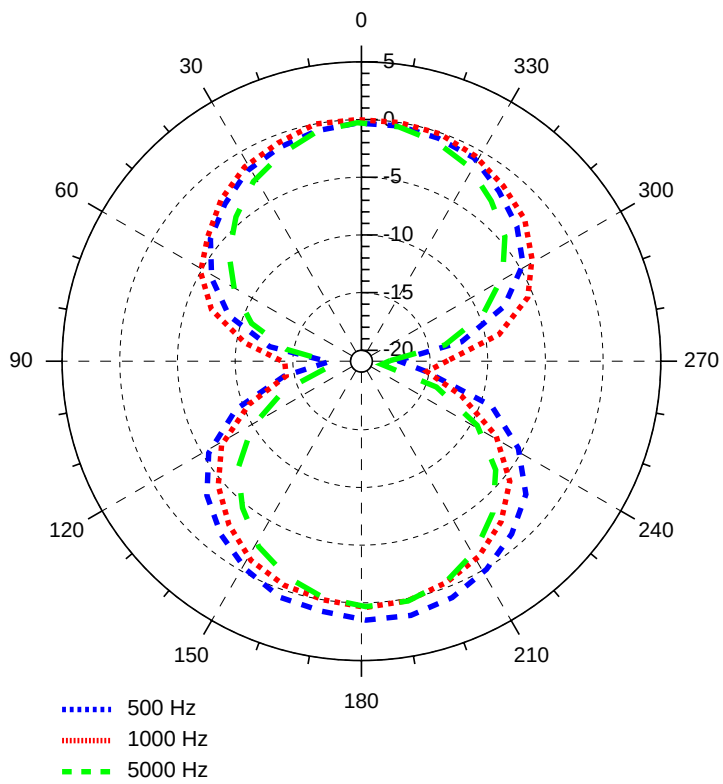
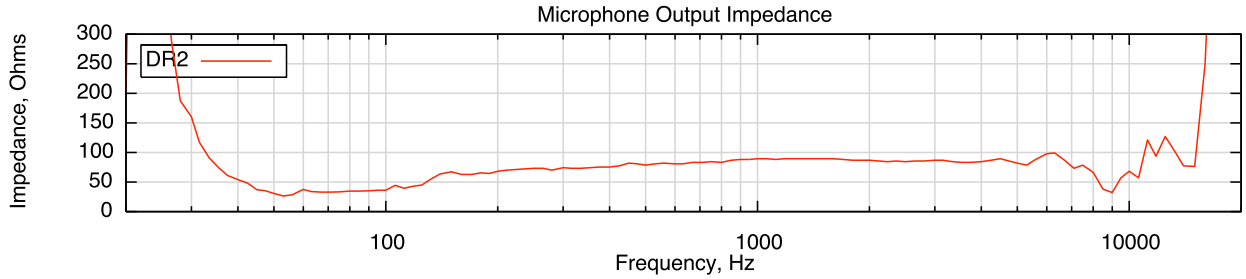
Supplemental Information

Customer:	Cascade Microphones	**Address:**	3720 Gravelly Beach Loop NW
Project No.:	J2007-020		Olympia, WA 98502
Microphone Manufacturer:	Cascade Microphones	**Model Number:**	DR2
Serial Number:	N/A	**Phantom Power:**	N/A
Measurement Date:	Jan 18, 2007	**Temperature:**	68°F/20°C
Engineer:	H. Singleton	**Humidity:**	23%
Ref. Calibrator:	GenRad 1986		
Serial Number:	00242		
Microphone Sensitivity: (re 1000Hz, 94 dB)	-57.1 dB (1.4 mV/Pa)	**Noise Floor:**	<17 dBA

Cascade DR2 Ribbon Microphone Polar Response