



## Microphone Frequency Response Measurement Report

**Customer:** Cascade Microphone Company  
**Project No.:** J2011-150

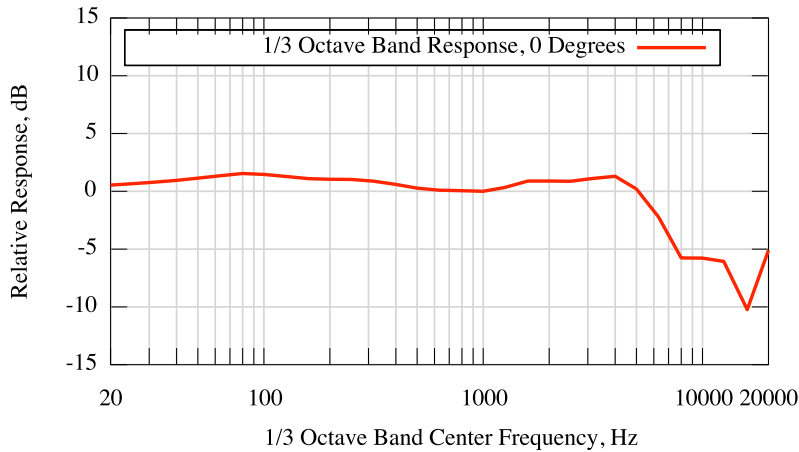
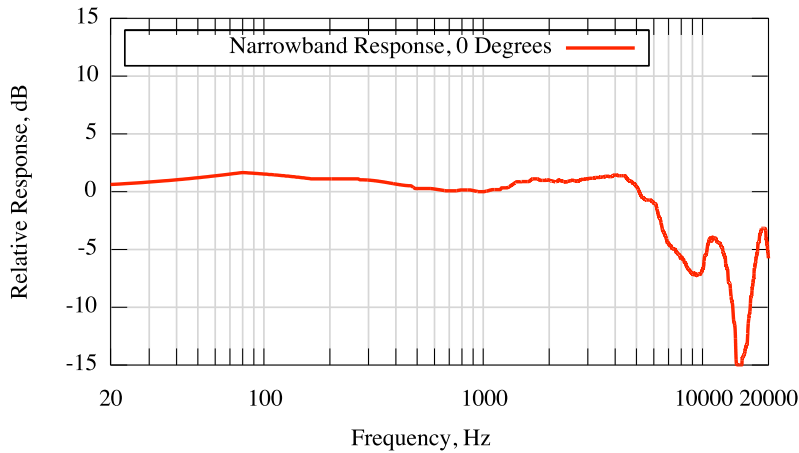
**Address:** 630 O'Leary St. NW  
Olympia, WA 98502

**Microphone Manufacturer:** Cascade Microphones  
**Serial Number:** 3241

**Model Number:** Fat Head II/Lundahl LL2913  
**Phantom Power:** N/A

**Engineer:** H. Singleton

**Temperature:** 65°F/18°C  
**Humidity:** 26%

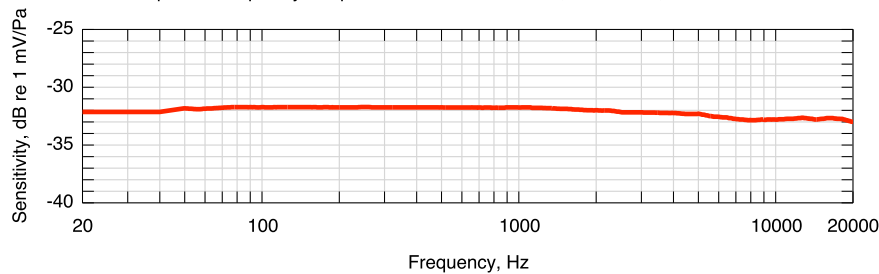


1/3 OB Results	
Freq.	Resp. (dB)
20	0.54
25	0.65
31.5	0.79
40	0.95
50	1.14
63	1.35
80	1.54
100	1.46
125	1.30
160	1.10
200	1.04
250	1.03
315	0.88
400	0.60
500	0.28
630	0.10
800	0.05
1000	0.00
1250	0.33
1600	0.89
2000	0.89
2500	0.87
3150	1.11
4000	1.30
5000	0.20
6300	-2.21
8000	-5.77
10000	-5.78
12500	-6.07
16000	-10.23
20000	-5.09

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

### Reference Microphone

Ref. Microphone Frequency Response: ACO Pacific 7052S, S/N 31220, Cal. Date June 30 2010





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### Supplemental Information

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<b>Project No.:</b> J2011-150	Olympia, WA 98502
<b>Microphone Manufacturer:</b> Cascade Microphones	<b>Model Number:</b> Fat Head II/Lundahl LL2913
<b>Serial Number:</b> 3241	<b>Phantom Power:</b> N/A
<b>Engineer:</b> H. Singleton	<b>Temperature:</b> 65°F/18°C
	<b>Humidity:</b> 26%
<b>Microphone Sensitivity:</b> -56 dB (2 mV/Pa) %textbf(re 1000Hz, 94 dB)	<b>Noise Floor:</b> < 14 dBA

