



## Microphone Frequency Response Measurement Report

**Customer:** Cascade Microphones  
**Project No.:** J2009-240

**Address:** 3720 Gravelly Beach Loop NW  
Olympia, WA 98502

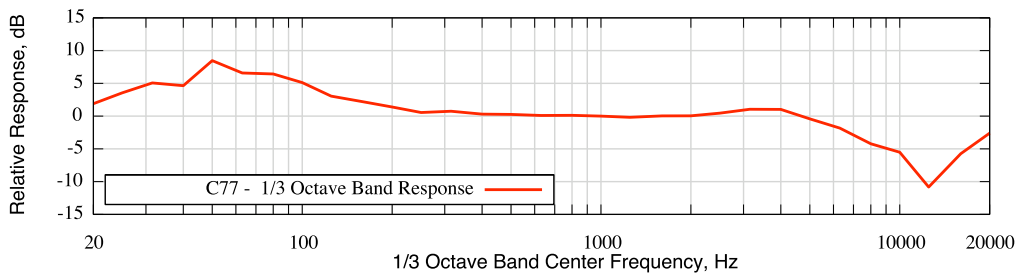
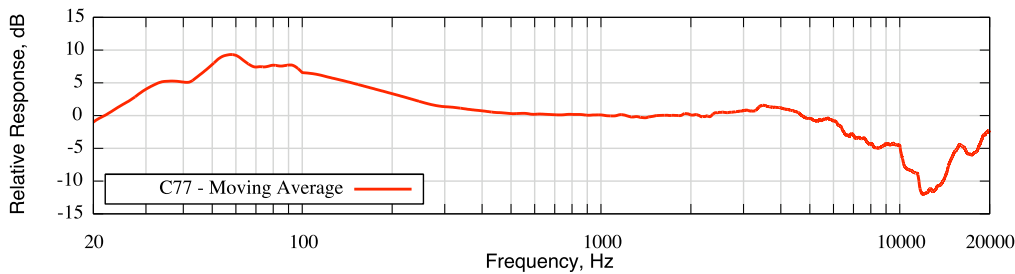
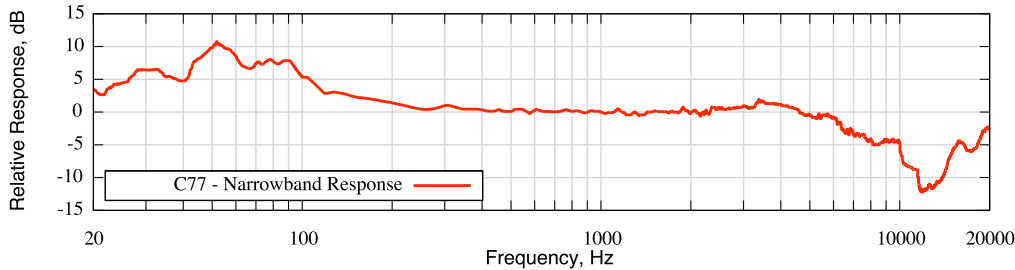
**Microphone Manufacturer:** Cascade Microphones  
**Serial Number:** 086

**Model Number:** C77/Lundahl LL2913  
**Phantom Power:** N/A

**Measurement Date:** April 16, 2009  
**Engineer:** H. Singleton

**Temperature:** 58°F/14°C  
**Humidity:** 21%

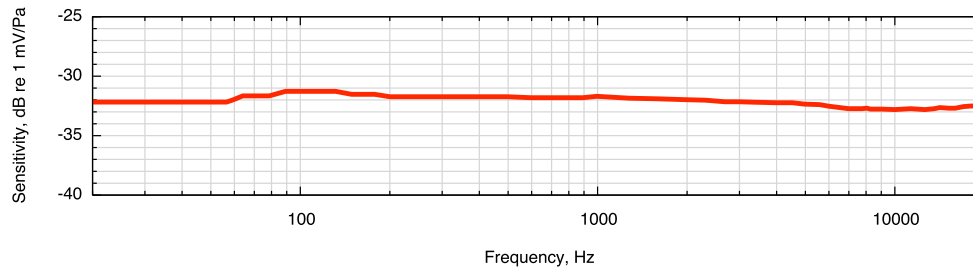
1/3 OB Results	
Freq.	Resp. (dB)
20	1.90
25	3.56
31.5	5.06
40	4.64
50	8.47
63	6.59
80	6.43
100	5.12
125	3.05
160	2.19
200	1.39
250	0.55
315	0.74
400	0.30
500	0.26
630	0.10
800	0.12
1000	0.00
1250	-0.19
1600	0.03
2000	0.04
2500	0.45
3150	1.04
4000	1.03
5000	-0.42
6300	-1.83
8000	-4.22
10000	-5.52
12500	-10.82
16000	-5.74
20000	-2.60



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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<b>Microphone Manufacturer:</b> Cascade Microphones	<b>Model Number:</b> C77/Lundahl LL2913
<b>Serial Number:</b> 086	<b>Phantom Power:</b> N/A
<b>Measurement Date:</b> April 16, 2009	<b>Temperature:</b> 58°F/14°C
<b>Engineer:</b> H. Singleton	<b>Humidity:</b> 21%
<b>Ref. Calibrator:</b> GenRad 1986	
<b>Serial Number:</b> 00242	
<b>Microphone Sensitivity:</b> -56.6 dB (1 mV/Pa) (re 1000Hz, 94 dB)	<b>Noise Floor:</b> 25 dBA

