



## Microphone Frequency Response Measurement Report

**Customer:** Cascade Microphones  
**Project No.:** J2007-020

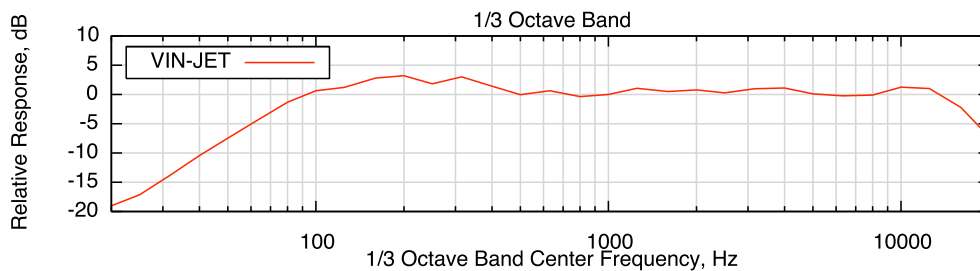
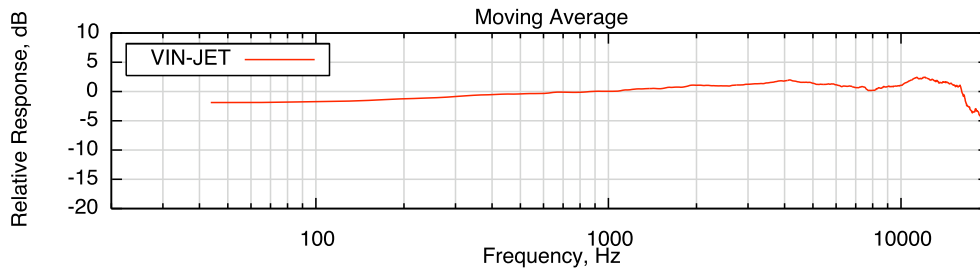
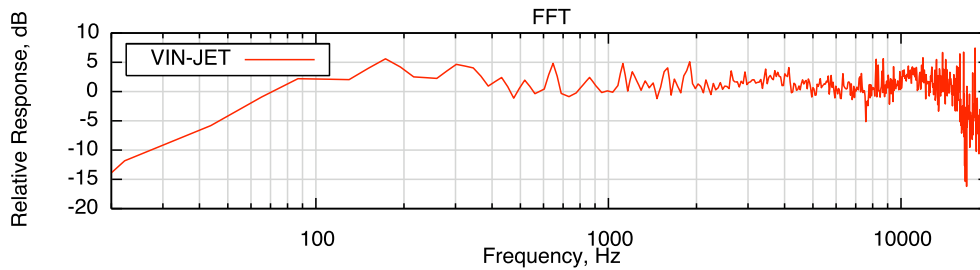
**Address:** 3720 Gravelly Beach Loop NW  
Olympia, WA 98502

**Microphone Manufacturer:** Cascade Microphones  
**Serial Number:** N/A

**Model Number:** VIN-JET  
**Phantom Power:** N/A

**Measurement Date:** Jan 18, 2007  
**Engineer:** H. Singleton

**Temperature:** 68°F/20°C  
**Humidity:** 23%

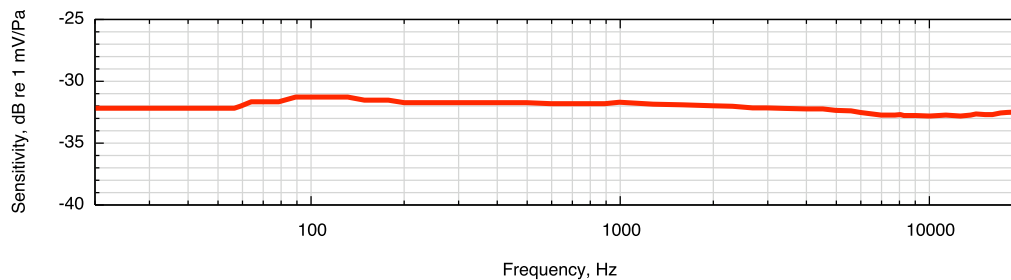


1/3 OB Results	
Freq.	Resp. (dB)
25	-17.13
31.5	-13.92
40	-10.44
50	-7.47
63	-4.43
80	-1.32
100	0.64
125	1.21
160	2.80
200	3.21
250	1.72
315	3.01
400	1.42
500	-0.04
630	0.64
800	-0.37
1000	0.00
1250	1.05
1600	0.51
2000	0.78
2500	0.27
3150	0.98
4000	1.11
5000	0.10
6300	-0.24
8000	-0.10
10000	1.25
12500	1.01
16000	-2.20

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>Project No.:</b> J2007-020	Olympia, WA 98502
<b>Microphone Manufacturer:</b> Cascade Microphones	<b>Model Number:</b> VIN-JET
<b>Serial Number:</b> N/A	<b>Phantom Power:</b> N/A
<b>Measurement Date:</b> Jan 18, 2007	<b>Temperature:</b> 68°F/20°C
<b>Engineer:</b> H. Singleton	<b>Humidity:</b> 23%
<b>Ref. Calibrator:</b> GenRad 1986	
<b>Serial Number:</b> 00242	
<b>Microphone Sensitivity:</b> -54.8 dB (1.8 mV/Pa) (re 1000Hz, 94 dB)	<b>Noise Floor:</b> <17 dBA

Cascade VIN-JET Ribbon Microphone Polar Response

