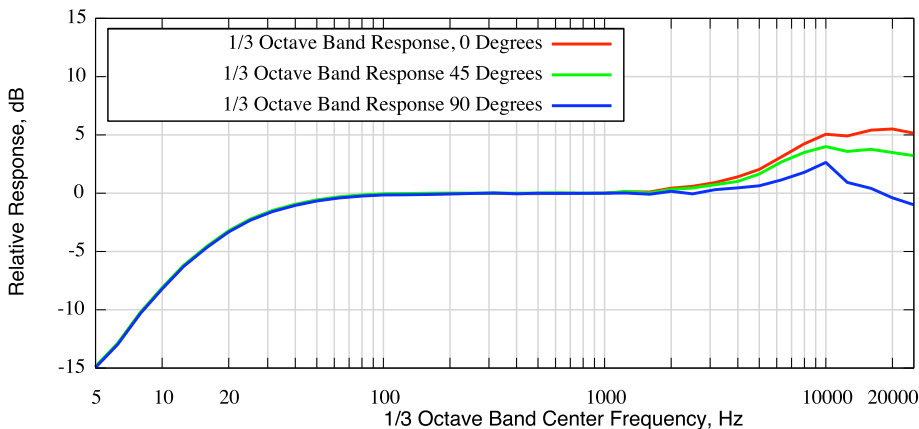
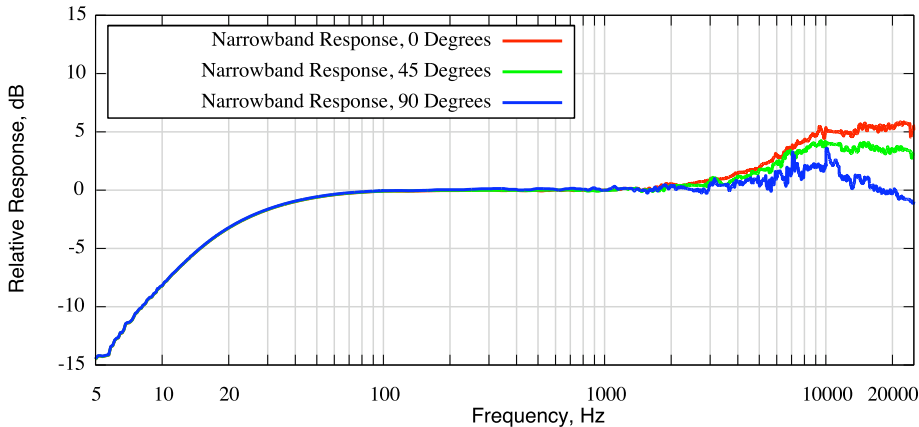




## Microphone Frequency Response Measurement Report

**Microphone Manufacturer:** Berhinger  
**Serial Number:** D0900513118/CSL 189  
**Model Number:** ECM8000  
**Phantom Power:** 48V  
**Measurement Date:** August 13, 2009  
**Engineer:** H. Singleton  
**Temperature:** 72°F/22°C  
**Humidity:** 79%

1/3 OB Results	
Freq.	Resp. (dB)
5	-14.90
6.3	-12.92
8	-10.24
10	-8.16
12.5	-6.23
16	-4.58
20	-3.27
25	-2.27
31.5	-1.53
40	-1.00
50	-0.62
63	-0.36
80	-0.20
100	-0.10
125	-0.10
160	-0.07
200	-0.04
250	-0.02
315	-0.02
400	-0.03
500	-0.04
630	-0.01
800	-0.02
1000	0.00
1250	0.12
1600	0.11
2000	0.43
2500	0.59
3150	0.91
4000	1.40
5000	2.04
6300	3.12
8000	4.25
10000	5.06
12500	4.91
16000	5.41
20000	5.51
25000	5.14



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

