

# ~ Calibration Report ~

Model : 378B02 Manufacturer : PCB  
 Serial : 161293 Description : 1/2" Free-Field Microphone and Preamplifier  
 Microphone Model : 377B02 Serial : 345340 Manufacturer : PCB  
 Preamplifier Model : 426E01 Serial : 082115 Manufacturer : PCB

## Calibration Data

System Sensitivity at 251.2 Hz : 52.91 mV/Pa  
 -25.53 dB re 1 V/Pa

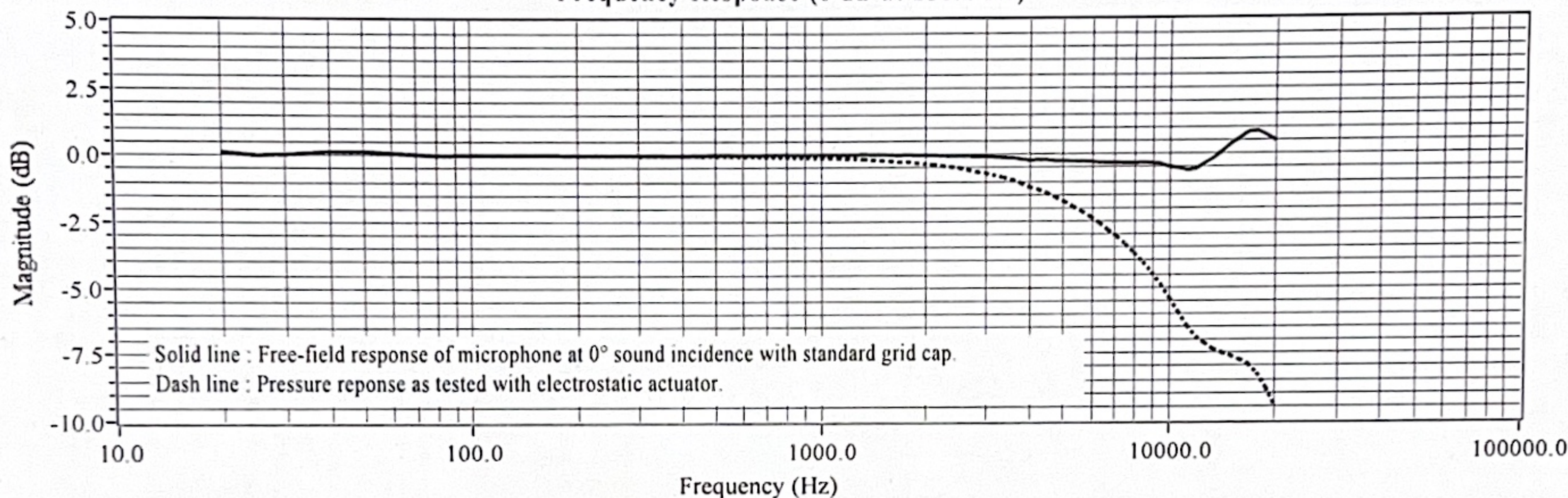
Polarization Voltage, External : 0 V

Temperature: 68 °F (20 °C)

Ambient Pressure: 983 mbar

Relative Humidity: 35 %

Frequency Response (0 dB at 251.2 Hz)



Frequency (Hz)	Pressure (dB)	Free-Field (dB)	Frequency (Hz)	Pressure (dB)	Free-Field (dB)	Frequency (Hz)	Pressure (dB)	Free-Field (dB)
20.00	0.13	0.13	1584.90	-0.21	-0.00	6683.40	-2.84	-0.32
25.10	0.01	0.01	1678.80	-0.25	-0.02	7079.50	-3.09	-0.31
31.60	0.06	0.06	1778.30	-0.26	-0.01	7498.90	-3.39	-0.32
39.80	0.15	0.15	1883.60	-0.29	-0.01	7943.30	-3.72	-0.33
50.10	0.15	0.15	1995.30	-0.32	-0.01	8414.00	-4.05	-0.32
63.10	0.07	0.07	2113.50	-0.36	-0.02	8912.50	-4.44	-0.33
79.40	0.01	0.01	2238.70	-0.40	-0.03	9440.60	-4.88	-0.36
100.00	0.02	0.02	2371.40	-0.45	-0.04	10000.00	-5.42	-0.47
125.90	0.01	0.01	2511.90	-0.50	-0.04	10592.50	-5.92	-0.52
158.50	0.01	0.01	2660.70	-0.56	-0.05	11220.20	-6.47	-0.61
199.50	0.00	0.00	2818.40	-0.63	-0.07	11885.00	-6.88	-0.56
251.20	0.00	0.00	2985.40	-0.68	-0.06	12589.30	-7.11	-0.34
316.20	-0.01	-0.00	3162.30	-0.76	-0.08	13335.20	-7.35	-0.16
398.10	-0.02	-0.02	3349.70	-0.84	-0.10	14125.40	-7.49	0.10
501.20	-0.03	0.01	3548.10	-0.93	-0.11	14962.40	-7.61	0.36
631.00	-0.05	-0.01	3758.40	-1.06	-0.16	15848.90	-7.76	0.59
794.30	-0.07	0.02	3981.10	-1.21	-0.21	16788.00	-7.91	0.81
1000.00	-0.10	0.02	4217.00	-1.31	-0.20	17782.80	-8.28	0.83
1059.30	-0.11	0.02	4466.80	-1.43	-0.20	18836.50	-8.83	0.68
1122.00	-0.12	0.02	4731.50	-1.60	-0.23	19952.60	-9.45	0.48
1188.50	-0.13	0.02	5011.90	-1.76	-0.23			
1258.90	-0.14	0.02	5308.80	-1.95	-0.25			
1333.50	-0.15	0.03	5623.40	-2.14	-0.26			
1412.50	-0.17	0.02	5956.60	-2.34	-0.27			
1496.20	-0.19	0.01	6309.60	-2.58	-0.29			

Technician: Leonard Lukasik

Date: 02/17/2023



3425 WALDEN AVENUE - DEPEW, NY 14043  
 TEL: 888-684-0013 - FAX: 716-685-3886 - www.pcb.com

ID: CAL112-3759487599.021+0

