

~ Calibration Report ~

Model : 378B02 Manufacturer : PCB
 Serial : 161292 Description : 1/2" Free-Field Microphone and Preamplifier
 Microphone Model : 377B02 Serial : 344902 Manufacturer : PCB
 Preamplifier Model : 426E01 Serial : 082241 Manufacturer : PCB

Calibration Data

System Sensitivity at 251.2 Hz : 56.87 mV/Pa

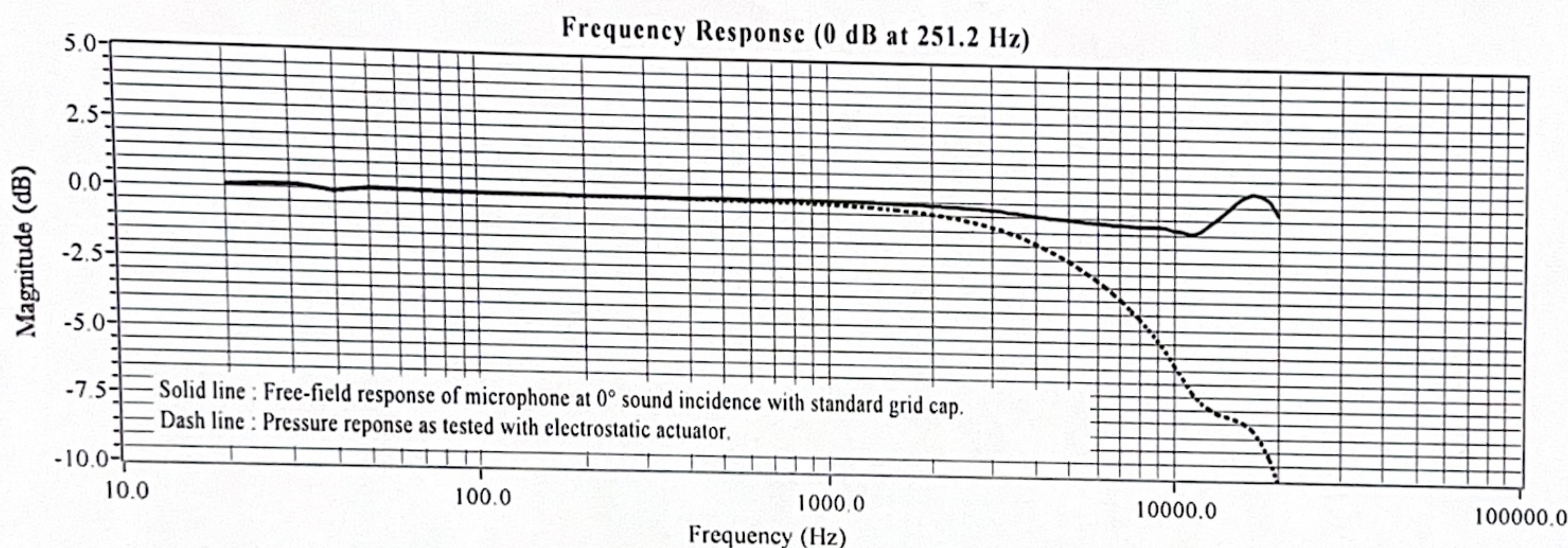
Polarization Voltage, External : 0 V

-24.90 dB re 1 V/Pa

Temperature: 68 °F (20 °C)

Ambient Pressure: 976 mbar

Relative Humidity: 39 %



Frequency (Hz)	Pressure (dB)	Free-Field (dB)	Frequency (Hz)	Pressure (dB)	Free-Field (dB)	Frequency (Hz)	Pressure (dB)	Free-Field (dB)
20.00	0.09	0.09	1584.90	-0.27	-0.06	6683.40	-3.20	-0.68
25.10	0.15	0.15	1678.80	-0.30	-0.07	7079.50	-3.47	-0.69
31.60	0.14	0.14	1778.30	-0.33	-0.08	7498.90	-3.78	-0.71
39.80	-0.05	-0.05	1883.60	-0.36	-0.08	7943.30	-4.11	-0.72
50.10	0.09	0.09	1995.30	-0.41	-0.10	8414.00	-4.45	-0.72
63.10	0.05	0.05	2113.50	-0.45	-0.11	8912.50	-4.83	-0.72
79.40	0.03	0.03	2238.70	-0.50	-0.13	9440.60	-5.27	-0.75
100.00	0.03	0.03	2371.40	-0.55	-0.14	10000.00	-5.79	-0.84
125.90	0.02	0.02	2511.90	-0.62	-0.16	10592.50	-6.27	-0.87
158.50	0.01	0.01	2660.70	-0.68	-0.17	11220.20	-6.81	-0.95
199.50	0.01	0.01	2818.40	-0.75	-0.19	11885.00	-7.18	-0.86
251.20	0.00	0.00	2985.40	-0.84	-0.22	12589.30	-7.39	-0.62
316.20	-0.01	0.00	3162.30	-0.91	-0.23	13335.20	-7.58	-0.39
398.10	-0.02	-0.02	3349.70	-1.03	-0.29	14125.40	-7.69	-0.10
501.20	-0.04	0.00	3548.10	-1.14	-0.32	14962.40	-7.79	0.18
631.00	-0.05	-0.01	3758.40	-1.27	-0.37	15848.90	-7.94	0.41
794.30	-0.08	0.01	3981.10	-1.41	-0.41	16788.00	-8.17	0.55
1000.00	-0.12	-0.00	4217.00	-1.56	-0.45	17782.80	-8.62	0.49
1059.30	-0.13	-0.00	4466.80	-1.72	-0.49	18836.50	-9.24	0.27
1122.00	-0.15	-0.01	4731.50	-1.87	-0.50	19952.60	-10.19	-0.26
1188.50	-0.16	-0.01	5011.90	-2.06	-0.53			
1258.90	-0.17	-0.01	5308.80	-2.27	-0.57			
1333.50	-0.19	-0.01	5623.40	-2.48	-0.60			
1412.50	-0.22	-0.03	5956.60	-2.70	-0.63			
1496.20	-0.24	-0.04	6309.60	-2.93	-0.64			

Technician: Leonard Lukasik Date: 02/17/2023



PCB PIEZOTRONICS INC.

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

