

~ Calibration Report ~

Model : 378B02 Manufacturer : PCB
 Serial : 161295 Description : 1/2" Free-Field Microphone and Preamplifier
 Microphone Model : 377B02 Serial : 345348 Manufacturer : PCB
 Preamplifier Model : 426E01 Serial : 082131 Manufacturer : PCB

Calibration Data

System Sensitivity at 251.2 Hz : 50.19 mV/Pa

Polarization Voltage, External : 0 V

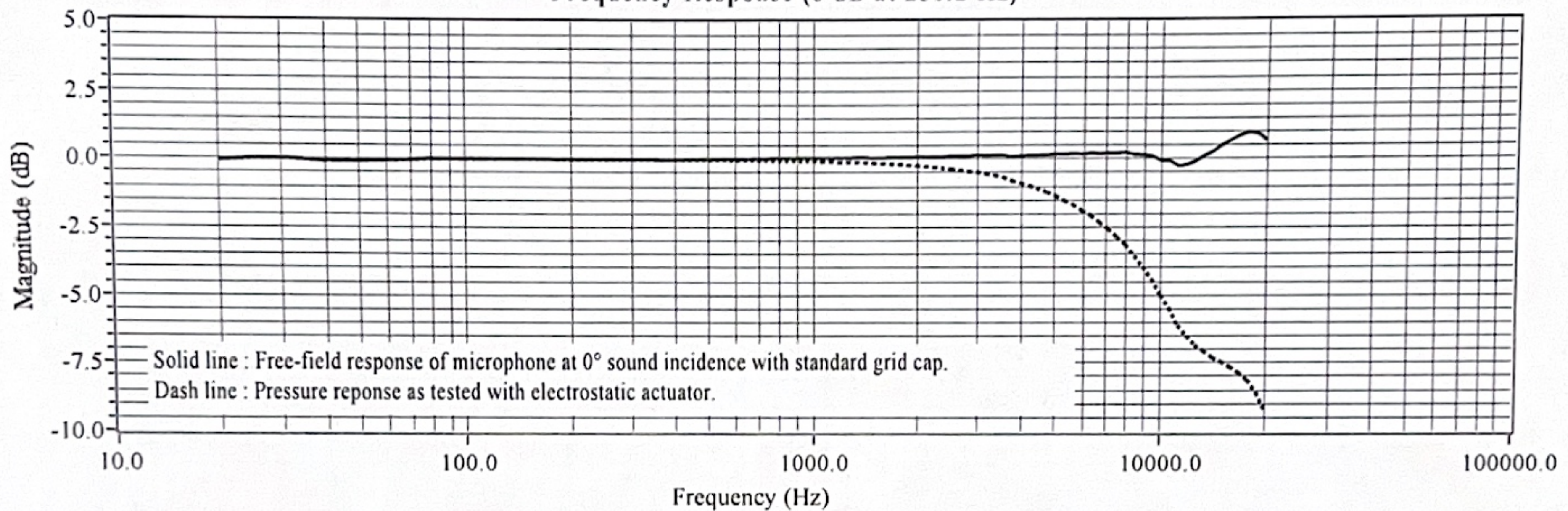
-25.99 dB re 1 V/Pa

Temperature: 68 °F (20 °C)

Ambient Pressure: 976 mbar

Relative Humidity: 39 %

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	-0.06	-0.06	1584.90	-0.15	0.06	6683.40	-2.33	0.19
25.10	0.02	0.02	1678.80	-0.16	0.07	7079.50	-2.58	0.20
31.60	0.02	0.02	1778.30	-0.18	0.07	7498.90	-2.86	0.21
39.80	-0.08	-0.08	1883.60	-0.21	0.07	7943.30	-3.15	0.24
50.10	-0.07	-0.07	1995.30	-0.22	0.09	8414.00	-3.56	0.17
63.10	-0.05	-0.05	2113.50	-0.25	0.09	8912.50	-3.97	0.14
79.40	0.01	0.01	2238.70	-0.28	0.09	9440.60	-4.42	0.10
100.00	0.01	0.01	2371.40	-0.32	0.09	10000.00	-5.02	-0.07
125.90	0.01	0.01	2511.90	-0.35	0.11	10592.50	-5.48	-0.08
158.50	0.01	0.01	2660.70	-0.40	0.11	11220.20	-6.13	-0.27
199.50	0.00	0.00	2818.40	-0.44	0.12	11885.00	-6.51	-0.19
251.20	0.00	0.00	2985.40	-0.48	0.14	12589.30	-6.85	-0.08
316.20	-0.01	0.00	3162.30	-0.55	0.13	13335.20	-7.06	0.13
398.10	-0.01	-0.01	3349.70	-0.59	0.15	14125.40	-7.31	0.28
501.20	-0.02	0.02	3548.10	-0.67	0.15	14962.40	-7.45	0.52
631.00	-0.03	0.01	3758.40	-0.80	0.10	15848.90	-7.66	0.69
794.30	-0.05	0.04	3981.10	-0.89	0.11	16788.00	-7.86	0.86
1000.00	-0.07	0.05	4217.00	-0.98	0.13	17782.80	-8.14	0.97
1059.30	-0.08	0.05	4466.80	-1.09	0.14	18836.50	-8.59	0.92
1122.00	-0.08	0.06	4731.50	-1.21	0.16	19952.60	-9.26	0.67
1188.50	-0.10	0.05	5011.90	-1.35	0.18			
1258.90	-0.10	0.06	5308.80	-1.53	0.17			
1333.50	-0.10	0.08	5623.40	-1.68	0.20			
1412.50	-0.12	0.07	5956.60	-1.89	0.18			
1496.20	-0.13	0.07	6309.60	-2.08	0.21			

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Date: 02/17/2023



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