

~ Calibration Certificate ~

Model Number: 130E20

Serial Number: 31806

Description: ICP® Microphone

Manufacturer: PCB

Method¹: Back-to-Back Reference

Calibration Data

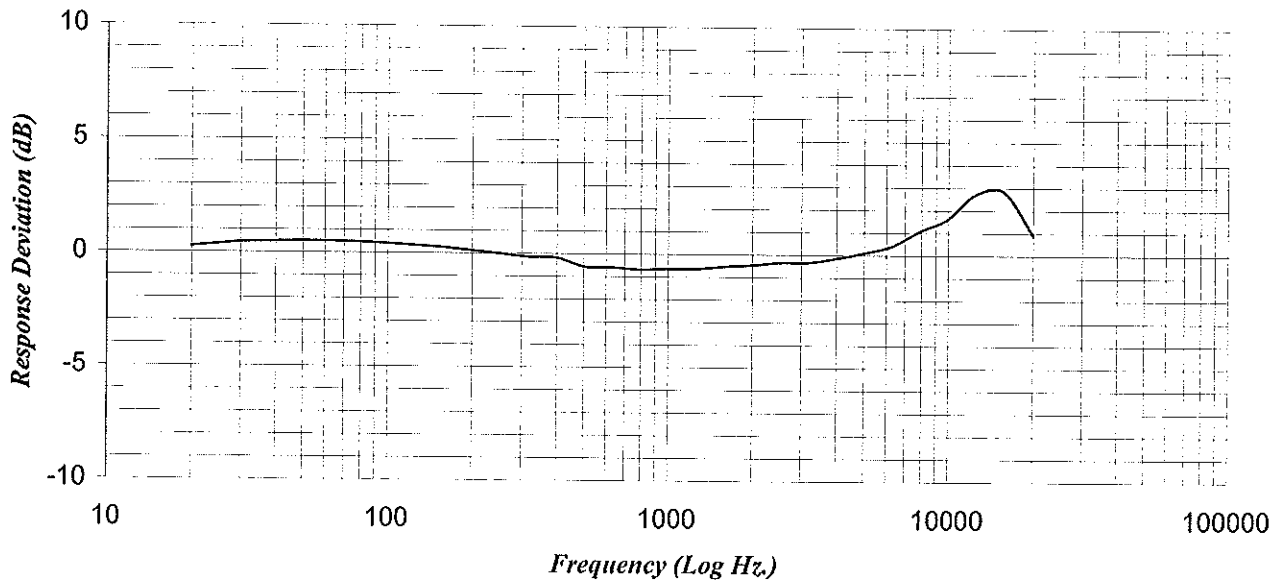
Sensitivity: 39.0 mV/Pa
-28.2 dB re 1V/Pa

Reference Freq.: 250 Hz.
Output Bias: 9.5 VDC

Temperature: 71 °F 22 °C

Relative Humidity: 44 %

Response Plot



Condition of Unit

As Found: N/A

As Left: New unit, In tolerance

Notes

1. This method involves comparing the test unit with a reference microphone in a GRAS 51AB calibrator.
2. Calibration is N.I.S.T. Traceable and calibration records are on file.
3. Calibration is performed in compliance with ISO 9001, ISO 10012-1 and ANSI/NCSL Z540-1-1994.
4. Due to state-of-the-art limitations, 4:1 calibration ratios are not possible on pressure measurement standards, microphones and acoustic calibrators. Calibration ratios for these types of devices are limited to 1:1.
5. See Manufacturer's Specification Sheet for a detailed listing of performance specifications.
6. This certificate shall not be reproduced, except in full, without written approval from PCB Piezotronics, Inc
7. Calibrated per ACS-21.

Technician: Rob Zsebehazy R.Z.

Date: June 7, 2011



Headquarters: 3425 Walden Avenue, Depew, NY 14043

Calibration performed at: 10869 Highway 903, Halifax, NC 27839