

~ Calibration Certificate ~

Per ISA-RP37.2

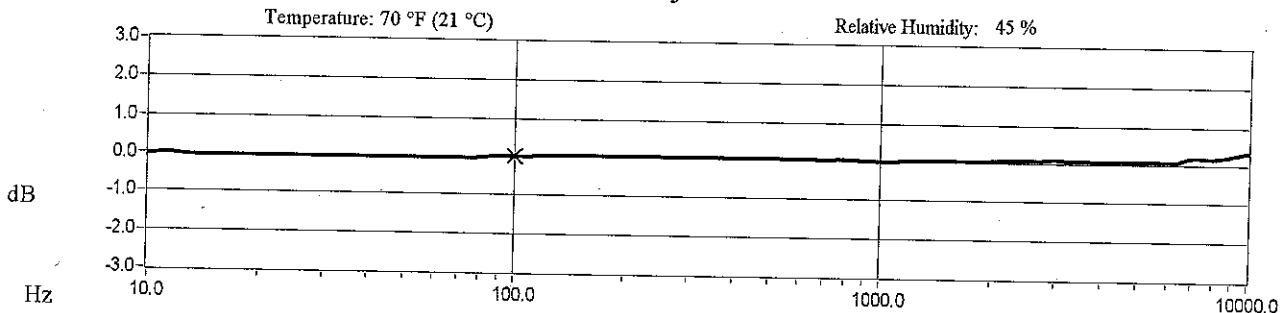
Model Number: 353B18
 Serial Number: 77815
 Description: ICP® Accelerometer
 Manufacturer: PCB

Method: Back-to-Back Comparison Calibration

Calibration Data

Sensitivity @ 100.0 Hz	9.51	mV/g	Output Bias	8.4	VDC
Transverse Sensitivity	1.2	%	Time Constant	0.8	seconds
Resonant Frequency	71.5	kHz			

Sensitivity Plot



Data Points

Frequency (Hz)	Dev. (%)	Frequency (Hz)	Dev. (%)	Frequency (Hz)	Dev. (%)
10.0	-0.3	300.0	0.4	7000.0	2.2
15.0	-0.3	500.0	0.6	10000.0	3.9
30.0	-0.6	1000.0	0.0		
50.0	-0.3	3000.0	1.1		
100.0	0.0	5000.0	1.0		

Condition of Unit

As Found: n/a
 As Left: New Unit, In Tolerance

Notes

1. Calibration is NIST Traceable thru Project 822/262123-99 and PTB Traceable thru Project 1059-1999.
2. This certificate shall not be reproduced, except in full, without written approval from PCB Piezotronics, Inc.
3. Calibration is performed in compliance with ISO 9001, ISO 10012-1, ANSI/NCSL Z540-1-1994 and ISO 17025.
4. See Manufacturer's Specification Sheet for a detailed listing of performance specifications.
5. Measurement uncertainty (95% confidence level with coverage factor of 2) for reference frequency is +/-1.6%.

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