

Calibration Certificate

Document number: 1067

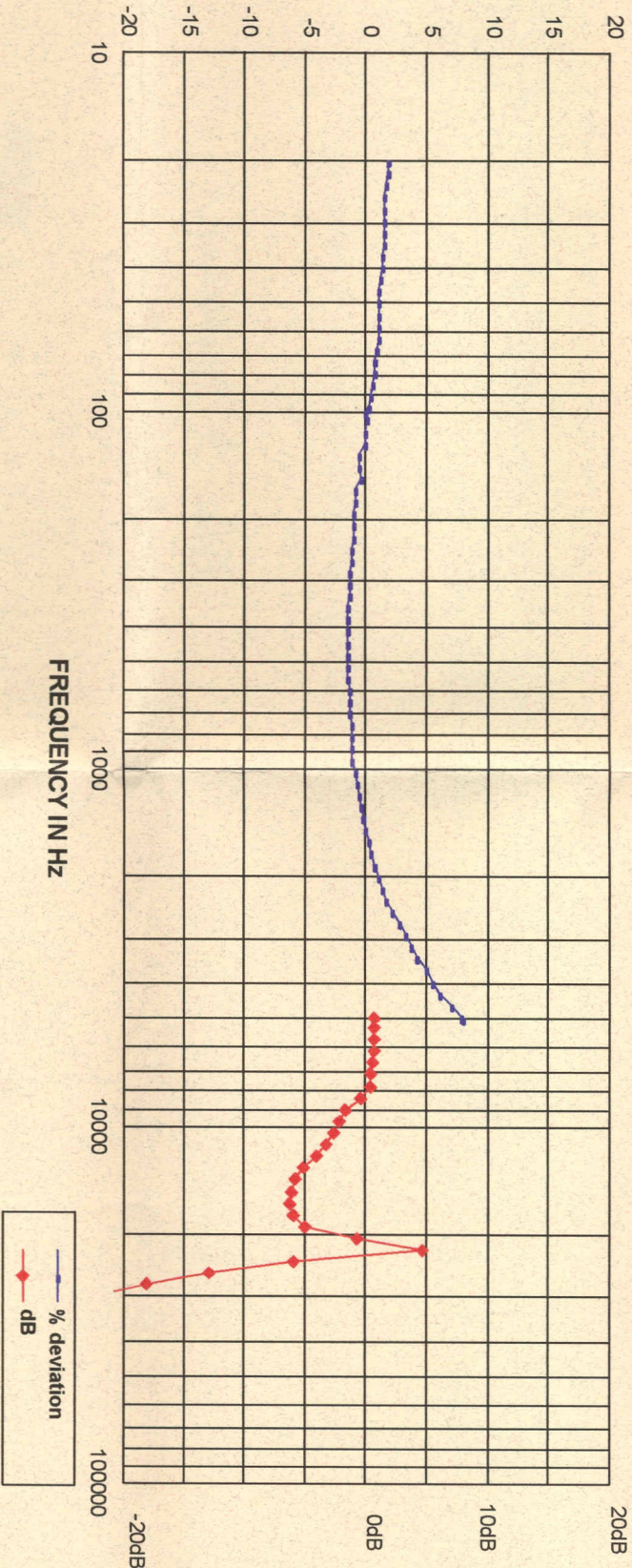
Description: Item description
 Manufacturer: ENDEVCO
 Model Number: 52M1
 Serial Number: 11032

Bias (V): 12.678 >
 Resonance Frequency (Hz): 22190

Sensitivity: 97.382 mV/g @ 100 Hz, 5g pk

Case Grounding: Isolated
 Excitation: 4.0 mA

FREQUENCY RESPONSE



Notes:

Endevco, a division of Meggitt, located at 30700 Rancho Viejo Road, San Juan Capistrano, CA, certifies that the above instrument was tested using comparison calibrations per ANSI S2.2 using Endevco IM68357. This calibration is traceable to the National Institute of Standards and Technology and is in accordance with ANSI/NCSL Z540-1-1994 (MIL-STD 45662A).

Uncertainty estimate (95% confidence, k=2)

Console serial number:	AC28	+/- 1.2 %	100.0 Hz Sensitivity
NIST traceability #:	822/260981-99	+/- 1.5 %	20.0 to 100.0 Hz
Equipment used:	2901	+/- 1.2 %	100.0 to 2500.0 Hz
Test definition:	test	+/- 2.5 %	2500.0 to 10000.0 Hz
		+/- 5.0 %	10000.0 to 20000.0 Hz

By:  July 18 '99

Operator name & title

Date: 6/15/1999

ISOTRON SBU