

Calibration Certificate

Document number: 11330

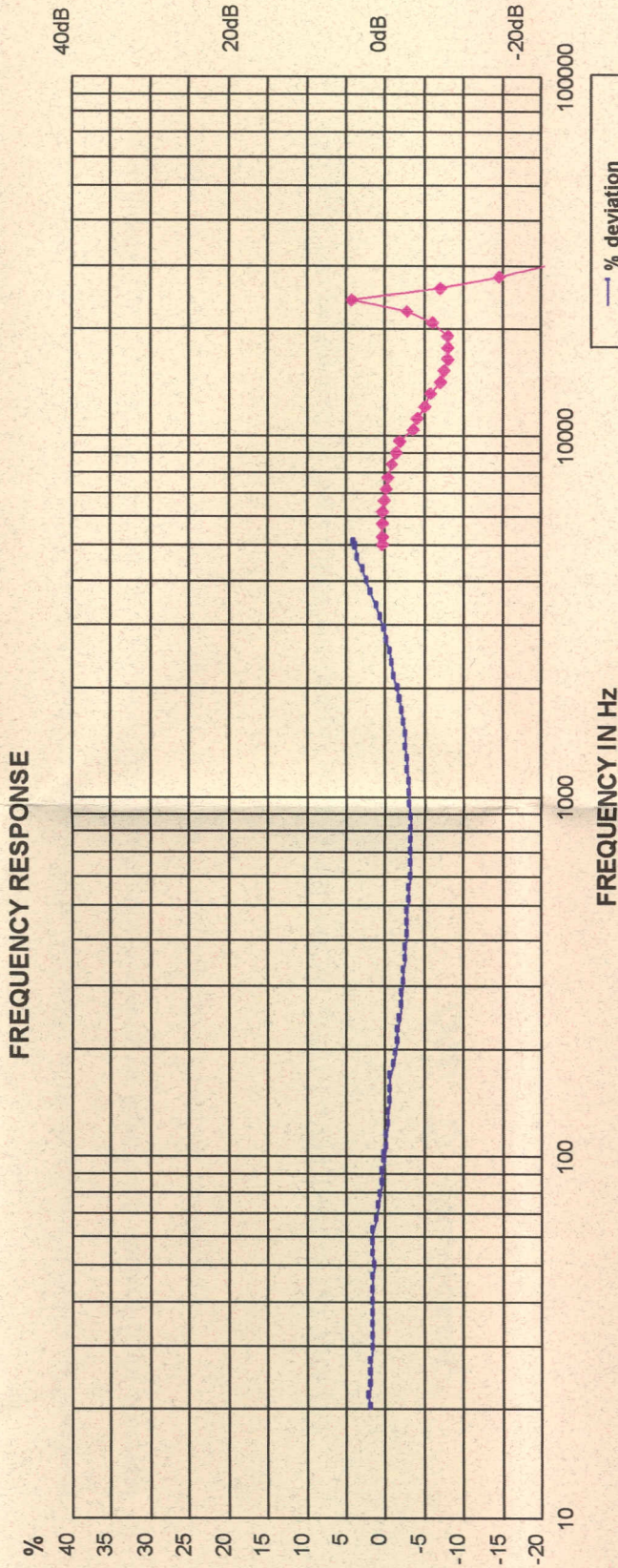
Description: ISOTRON accelerometer
 Manufacturer: ENDEVCO
 Model Number: 52M1
 Serial Number: 11036

Bias (V): 12.7
 Resonance Frequency (Hz): 23927

Sensitivity: 99.57 mV/g @ 100 Hz, 5 g pk
 10.15 mV/m/s² @ 100 Hz, 49 m/s² pk

Case Grounding: Isolated
 Excitation: 4.0 mA

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)

- +/- 1.2 % 100.0 Hz Sensitivity
- +/- 1.5 % 20.0 < f <= 100.0 Hz
- +/- 1.2 % 100.0 < f <= 2500.0 Hz
- +/- 2.5 % 2500.0 < f <= 10000.0 Hz
- +/- 5.0 % 10000.0 < f <= 20000.0 Hz

Console serial number: AC28
 NIST traceability #: 822/264654-01
 Equipment used: 2901
 Test Name: test



By: _____
 Operator name & title
 09/12/2001 9:55 AM
 ISOTRON SBU
 s/w 4.01