

Calibration Certificate



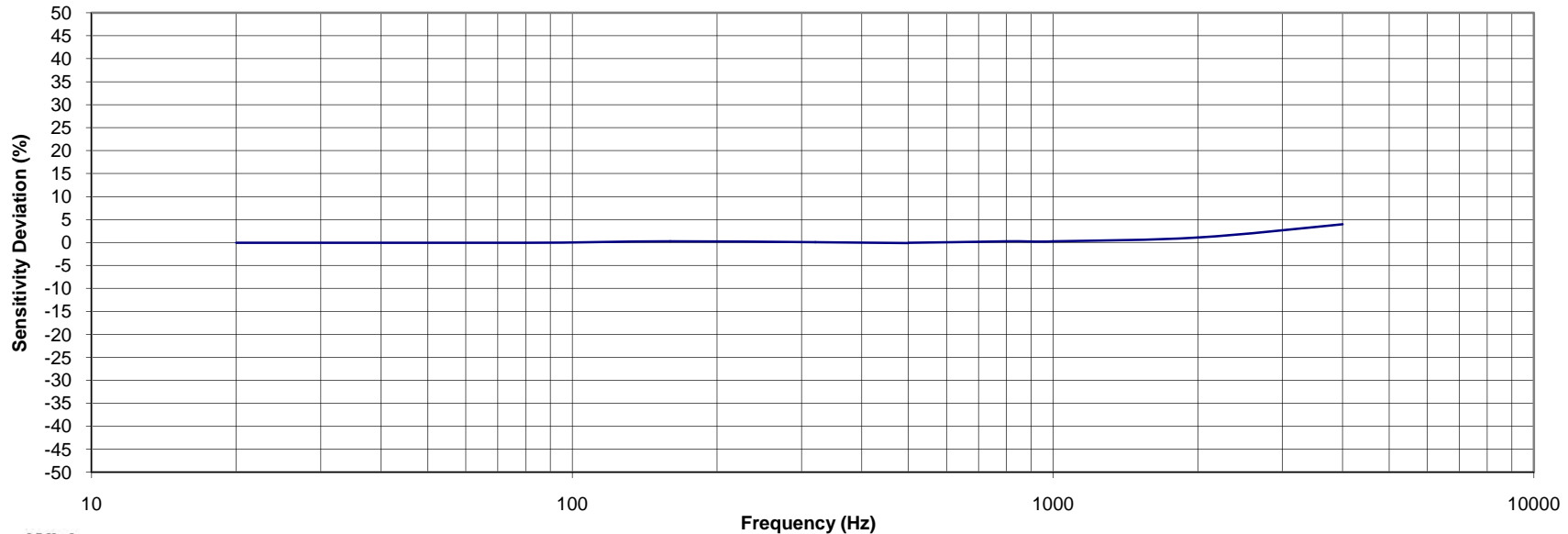
A142416
JP00188017

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Issue Date: Jun. 20, 2014
Excitation Voltage (Vdc): 10.0
Zero Signal Output (mV): 3.9
Input Resistance (Ohm): 4082
Output Resistance (Ohm): 4078
Temperature (°C): 25
Relative Humidity (%): 49

Device Under Test (DUT): Accelerometer
Model Name: 58-2000-237-06
Serial Number: A142416
Calibration Frequency Range: 20 Hz - 4000 Hz
Sensitivity @ 80 Hz, 5g pk: 0.1486 mV/g
Sensitivity @ 80 Hz, 49 m/s² pk: 0.01515 mV/(m/s²)
Transverse Sensitivity: <3%
Dallas Chip ID: F200001737D2B501

Notes:



Wiring:

+ EXC: Red
- EXC: Black
+ OUT: Green
- OUT: White

Console Manufacturer: SPEKTRA
Console Model: CS18
Console Serial Number: 200404

Uncertainty Estimate (95% Confidence, k=2)

±1.5% 10 ≤ f < 100 Hz
±1.2% 100 ≤ f ≤ 2500 Hz
±2.5% 2500 < f ≤ 10000 Hz
±5.0% 10000 < f ≤ 20000 Hz



Comply with JJG233-2008 and GB/T 20485.21-2007/ISO16063-21:2003

Operator: 11972 **Checked by:** Tech. leader



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This calibration is traceable to the National Institute of Standards and Technology, certified to ISO9001:2008, and is in accordance with ANSI/NCSL Z540-1-1994 (MIL-STD 45662A) and ISO10012-1:2003 and ISO/IEC 17025:2005.

Calibration Certificate for Model 58