

## ~ Calibration Certificate ~

**Sensor Information:**

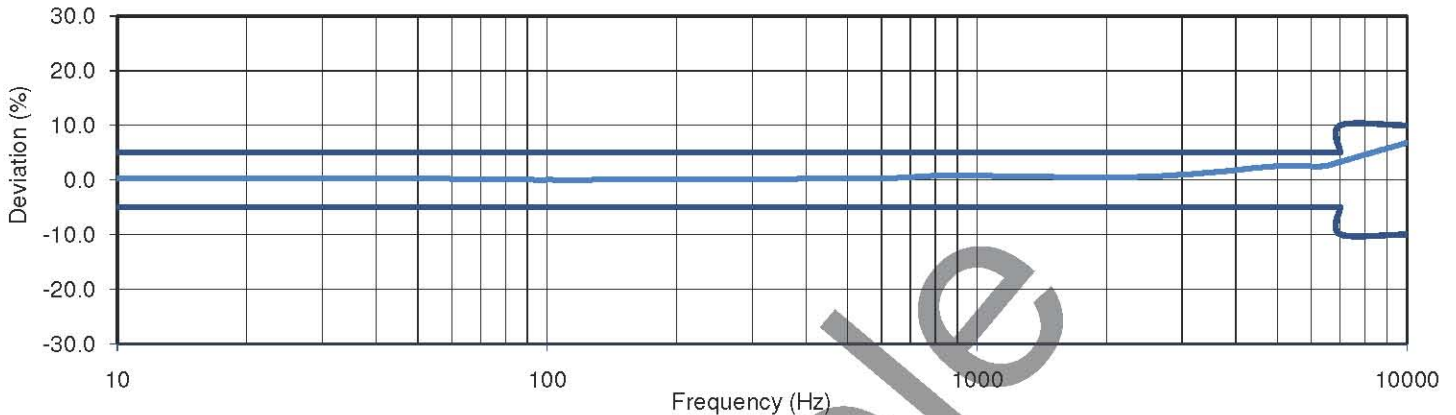
Model Number      XXXX  
 Serial Number     XXXX  
 Manufacturer      XXXX  
 ID Number        SSPLXXXX  
 Description        ICP® Accelerometer

**Calibration Data**

Sensitivity @ 100 Hz:    9.96    mV/g  
 Test Level:                1.00    g pk

**Transducer Specifications**

Amp. Range:                ± 500            g pk  
 Resolution:                0.003            g rms  
 Resonant Freq:            ≥ 38              kHz  
 Temp. Range:              -54 to + 121    °C

**Deviation Plot**

**Data Table**

Frequency (Hz)	Deviation (%)
10	0.195
50	0.207
100	0.000
160	0.025
200	0.045
315	0.143
500	0.220
630	0.250
800	0.769
1000	0.772
2000	0.437
3150	1.030
5000	2.502
6300	2.473
7000	3.297
8000	4.620
10000	6.776

**Notes**

Results relate only to the items calibrated.  
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 Traceable to NIST (Project Number 822/271196) and PTB (Project Number 5399).  
 This calibration was performed with TMS Portable Vibration Calibrator Model 9110D  
 Measurement Uncertainty (95% Confidence level with coverage factor of 2) for frequency ranges tested during calibration are as follows: 10-99 Hz; ± 3.19 %, 100 Hz; ± 3.19 %, 101-920 Hz; ±3.19 %, 921-5000 Hz; ±3.19 %, 5001-10000 Hz; ±8.07 %

**User Notes**

Mounting: Stud.

**Unit Condition**

As found: In Tolerance  
 As left: In Tolerance

**Lab Conditions**

Temperature:                24                ±2 °C  
 Humidity:                    49                ±5 %  
 Calibration Date:        DD-MM-YY

Customer:      XXXX

**Equipment used for calibration:**

Model No	Serial No	Calibration Date
TMS9110D	10284	DD-MM-YY
<b>Make</b>	The Modal shop	
Cal. Due Date	DD-MM-YY	

Cal Id:      XXXX

**Approval Information**

Technical Manager E. Dwarakanath  
 Approval:



# SSPL Calibration Centre

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