AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

PYXIS-686
Vibration Test Report

Issued by: _____ / *03/20/2002*

Rex Chang   **Date**
QE Engineer

Reviewed by: _____ / *03/20/2002*

Wen - Yuan Yang   **Date**
QE Manager

1.Test Product: Industrial PC

2. Model Name: PYXIS 686

3. Test Date: 03-19-2002

4. Test Site: AAEON QA Internal Lab.

5. Test Equipment:

Type	MFR	Model Number	Serial Number	Last CAL.
Vibration Tester	King Design	KD 9363-EM-600F2K-40N20	UU110099090	10/29/2001
Controller	DACTRON	Laser	7456126	10/12/2001
Control Accelerometer	WILCOXON RESEARCH	PR712	1147	N/A
Accelerometer (System)	KISTLER	8704B100M1	C147609	05/29/2001
Accelerometer (Input 2)	KISTLER	8732A500	C191507	08/08/2001
Accelerometer (Input 3)	KISTLER	8732A500	C148300	08/08/2001
Accelerometer (Input 4)	KISTLER	8732A500	C148301	08/08/2001
Accelerometer (Input 5)	KISTLER	8732A500	C148302	08/08/2001

6. Test Specification:

| Parameters	Targets
Peak acceleration	1g
Starting frequency	10Hz
Stopping frequency	500Hz
Endurance per sweep	1 cycle
Sweep speed	1 oct./min
Orientation	X , Y , Z (3 axes)

7. Test Condition
    Temperature: 20 ±2℃
    Humidity: 60 ±20%RH
    Sample: Unpacked; Operation
    Software: DOS 6.22 run QAPlus 5.6

8. Axial Definition

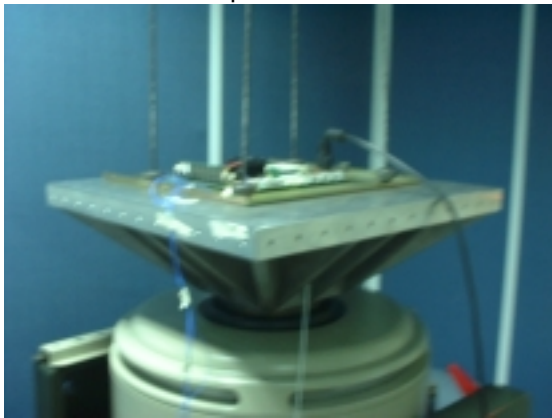1,2 : Top-Botton
3,4 : Left-Right
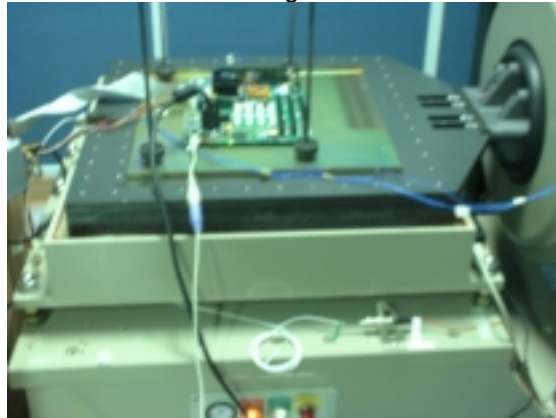5,6 : Front-Back
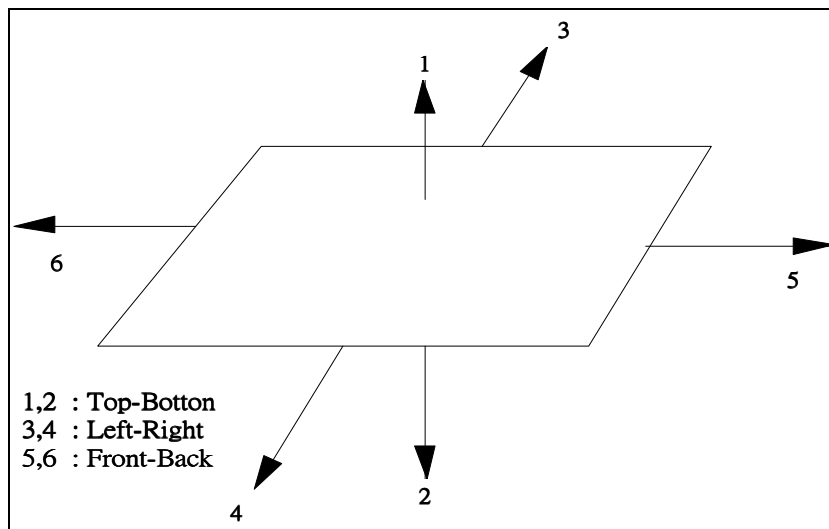
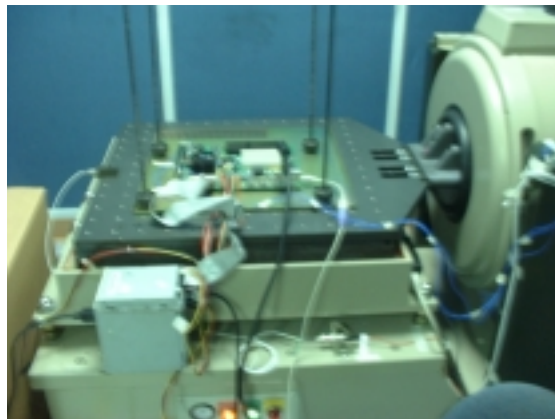9. Measuring Accelerometer Position
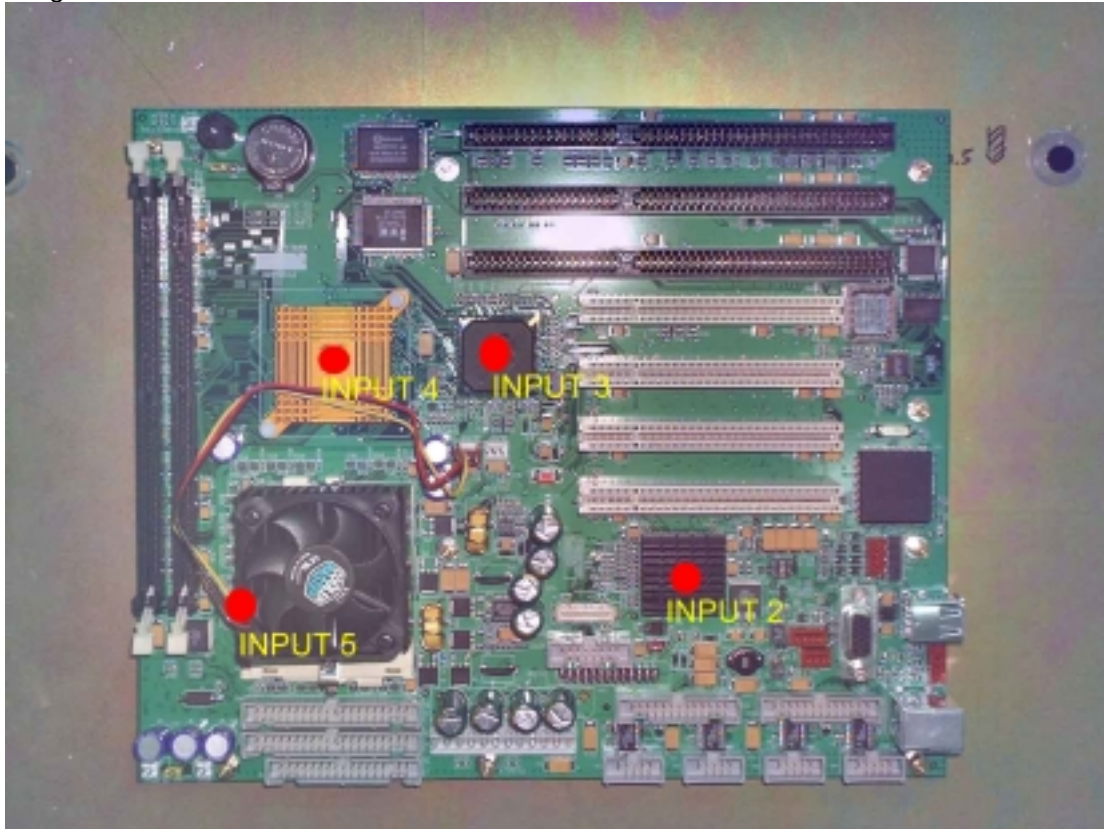
10. Testing Photos

Top - Bottom
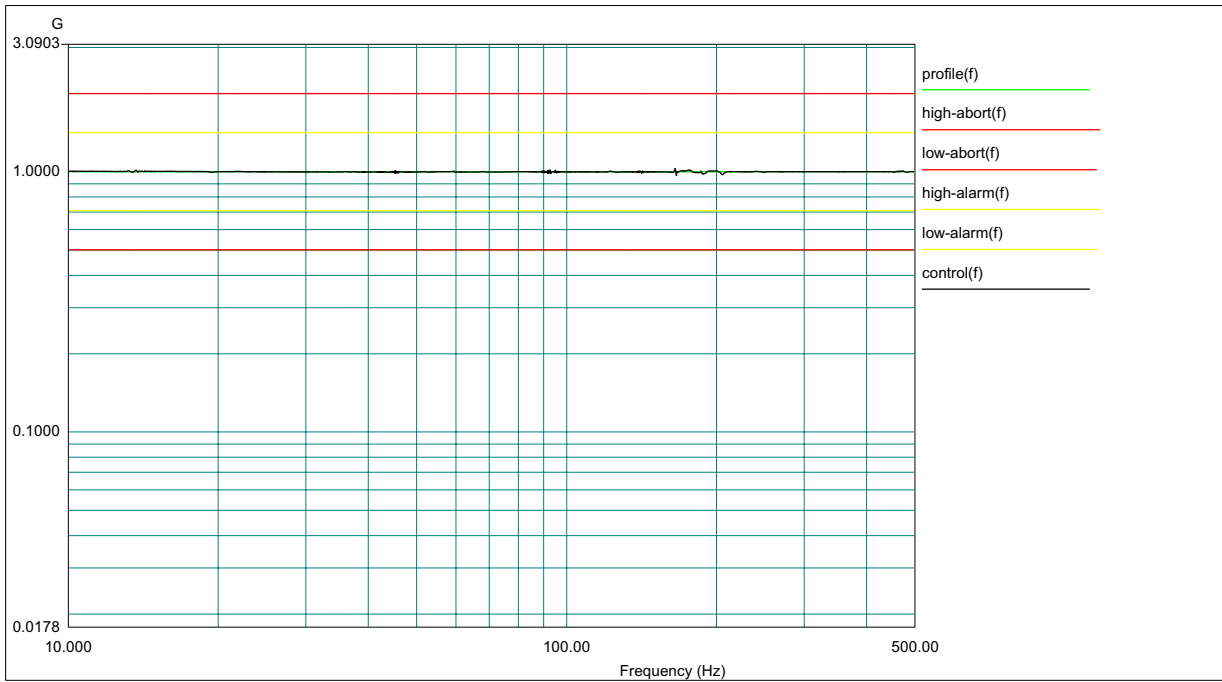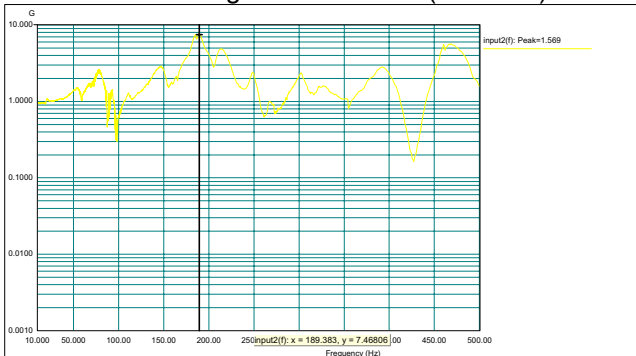

Left-Right

Front-Back

11. Test Result

Main board structure doesn't deformation; Function is OK during system test.
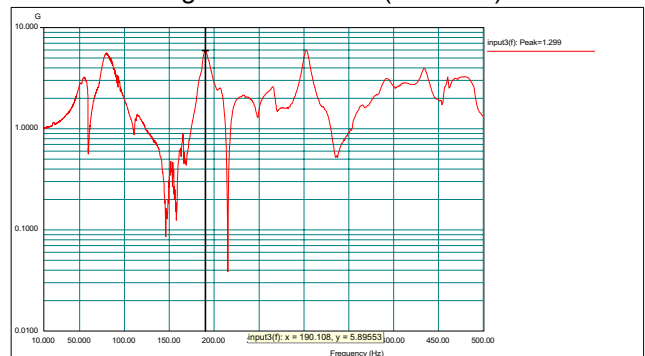
12. Test Curve
12-1 Top-Bottom
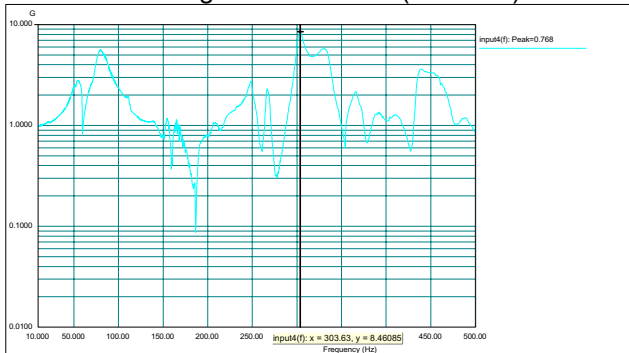
Control Accelerometer
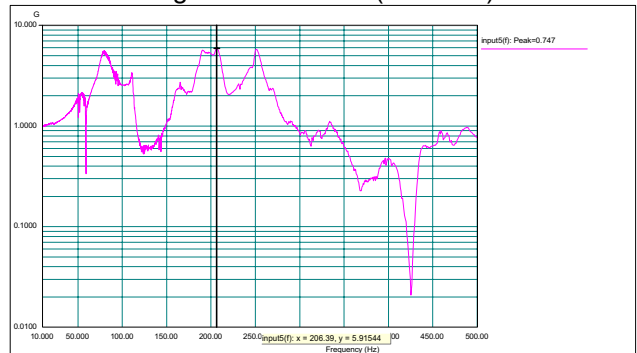

Measuring Accelerometer (INPUT 2)

Measuring Accelerometer (INPUT 3)
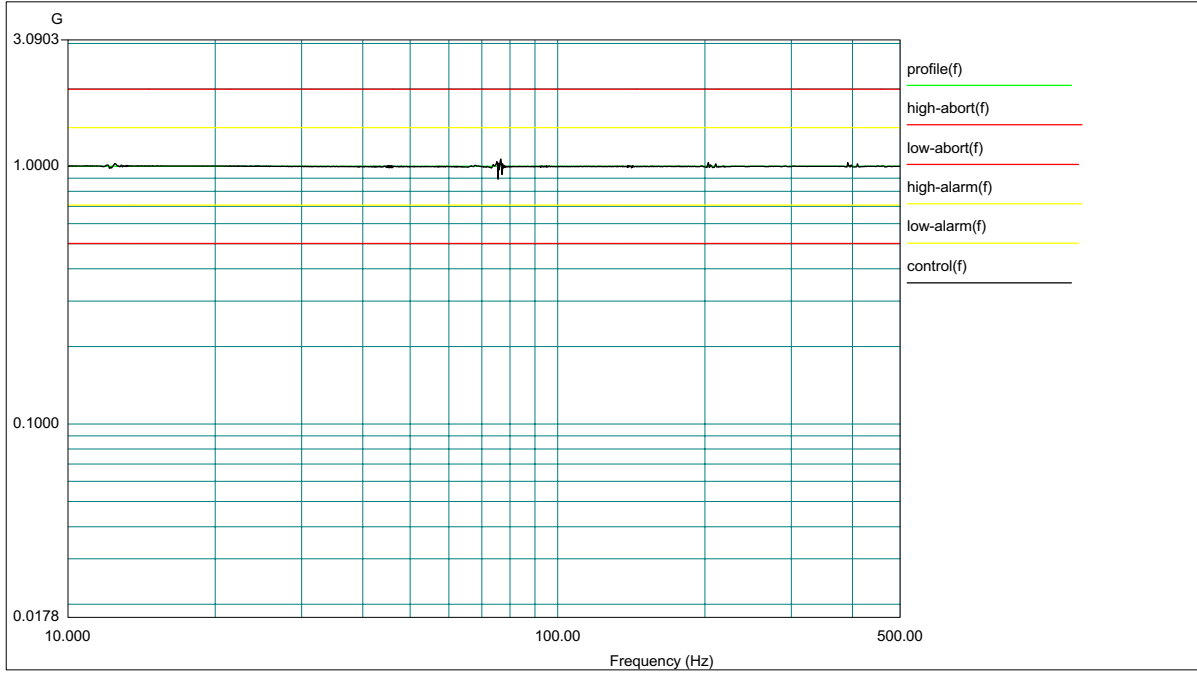

Measuring Accelerometer (INPUT 4)
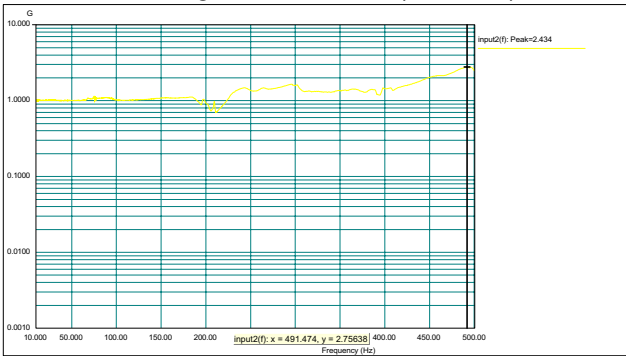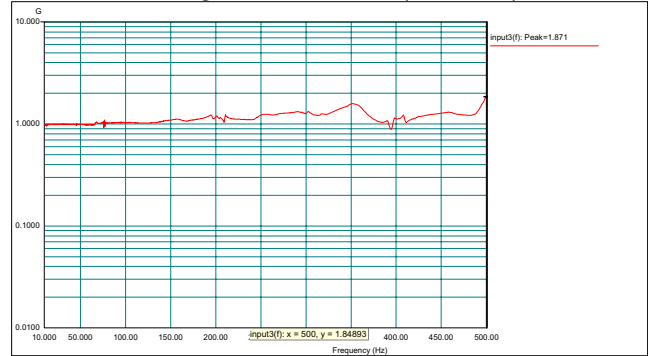

Measuring Accelerometer (INPUT 5)
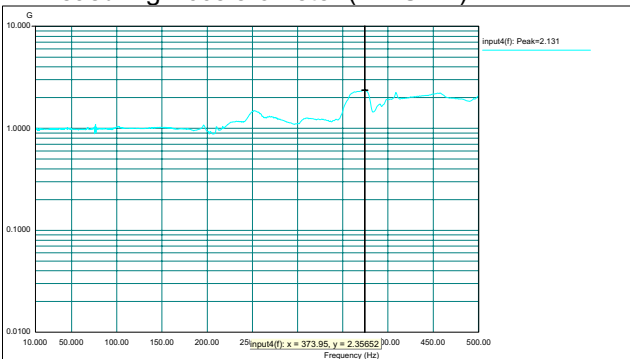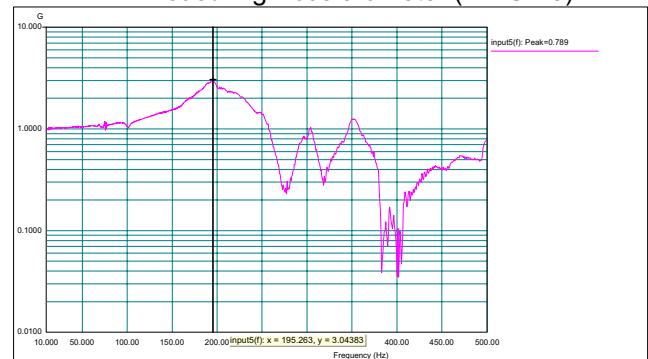
12-2 Left-Right

Control Accelerometer

Measuring Accelerometer (INPUT 2)

Measuring Accelerometer (INPUT 3)

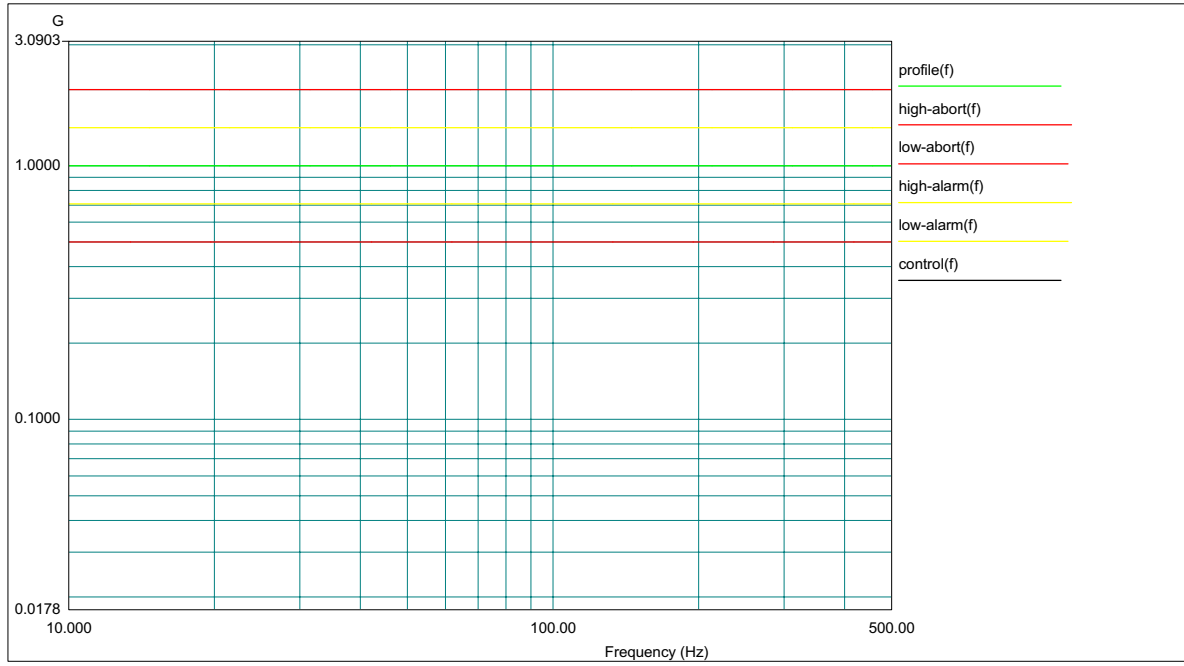### Measuring Accelerometer (INPUT 4)

Measuring Accelerometer (INPUT 5)

12-3 Front-Back

Control Accelerometer

Measuring Accelerometer (INPUT 2)

Measuring Accelerometer (INPUT 3)

Measuring Accelerometer (INPUT 4)

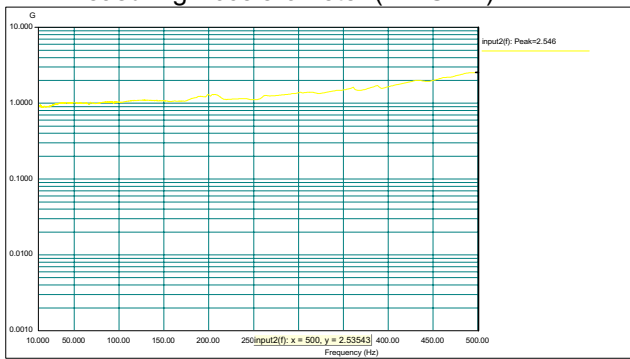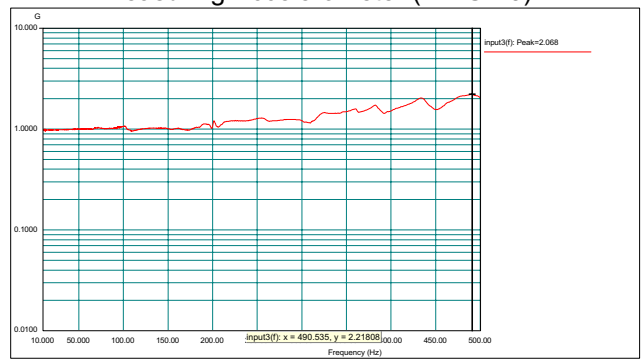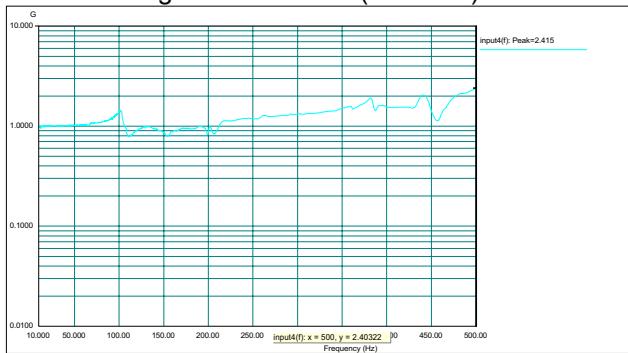### Measuring Accelerometer (INPUT 5)