

ACP-5187

Vibration Test Report

Report NO:13P030013

Issued by:	<u>Andy Chen</u>	/	<u>2013/04/11</u>
	Engineer		Date
Reviewed by:	<u>Tom Lin</u>	/	<u>2013/04/11</u>
	Sr. Manager		Date

Test item list

1. *Test item list* ----- 3
2. *Random Vibration Operation Test* ----- 4

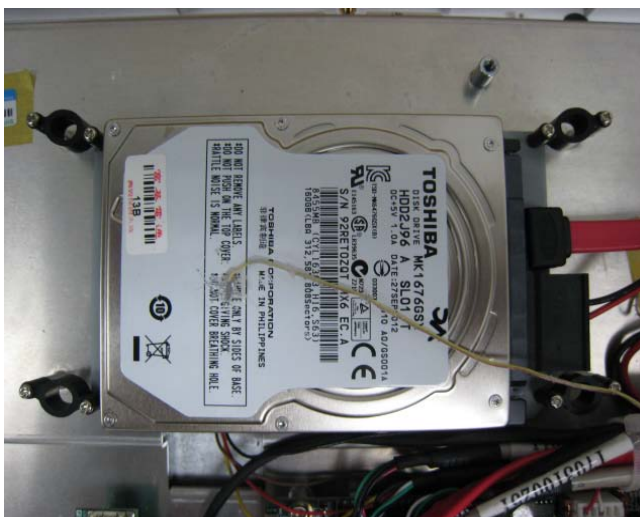
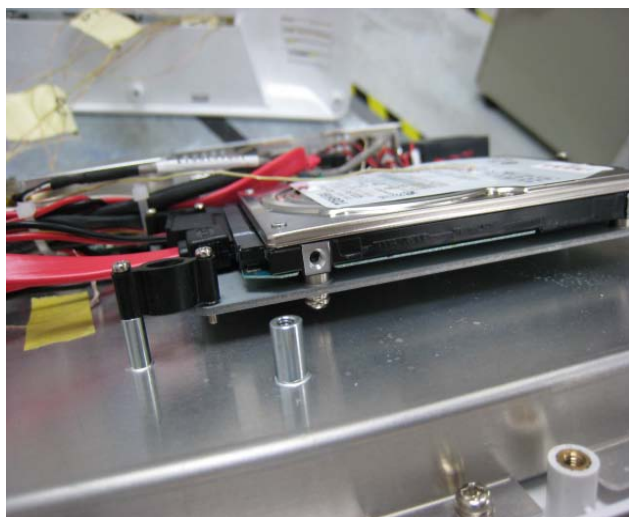
Testing Result

Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

Configuration of EUT

Item	Device Information	
SYSTEM PC Model / Ver.	ACP-5187 A1.0	
CPU Board	GENE-QM77	
BIOS / Version	ACP-5187 R0.1 (A587AM01)(03/05/2013)	
CPU Type	Intel Core i7-3610QE 3.3GHz	
Industry Memory Type	DLS DDR3-1333 8GB	
Industry HDD	TOSHIBA MK1676GSC 2.5" 160G	
Operating System	<input checked="" type="checkbox"/>	Windows 7 Professional English 64 Bit
DC Adapter	FSP-120-AAB 19V/6.32A	

System picture:



Random Vibration Operation Test

Test Date: 04-11-2013

Test Product: ACP-5187

Test Site: AAEON QE Dept.

Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

Test Equipment:

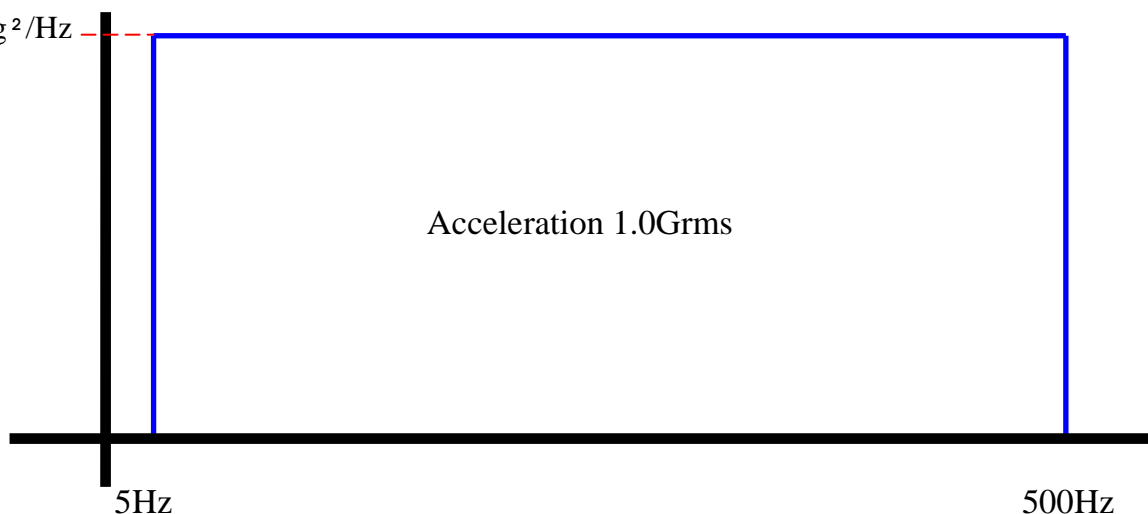
Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/08/2012

Test Condition:

1. Operation
2. Test Acceleration: 1.0Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 7 / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:

PSD

0.002g²/Hz



Test Result:

The system structure doesn't deformation; Function was passed during system test