

AHP-2173
With 2.5" SATA HDD
Vibration Test Report

Report NO: 14P030011

Issued by:	<u>Jerry Chen</u>	/	<u>2014/02/07</u>
	Engineer		Date
Reviewed by:	<u>Tom Lin</u>	/	<u>2014/02/07</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

Num	Item	Spec
1.	System Model	AHP-2173 A1.0
2.	CPU Board / Version	GENE-CV05 A1.0
3.	BIOS / Version	AHP-2173 R0.2(H2H3AM02)(01/14/2014)
4.	CPU Type	Intel Atom D2550 1.86GHz
5.	Chipset	North Bridge(Intel Gedarview M/D) / PCH Bridge(Intel NM10)
7.	Memory Type	Transcend DDR3-1333 2GB / SEC K4B2G0846D
8.	HDD	TOSHIBA MK1060GSC 2.5" 100G
9.	Test Software	Windows 7 / Run one Microsoft media player simultaneously.
10.	Adapter	FSP084-DMAA1 12V/7A

System Picture



Random Vibration Operation Test

Test Date: 01-29-2014

Test Product: AHP-2173

Test Site: AAEON QE Dept.

Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration; broad-band random test

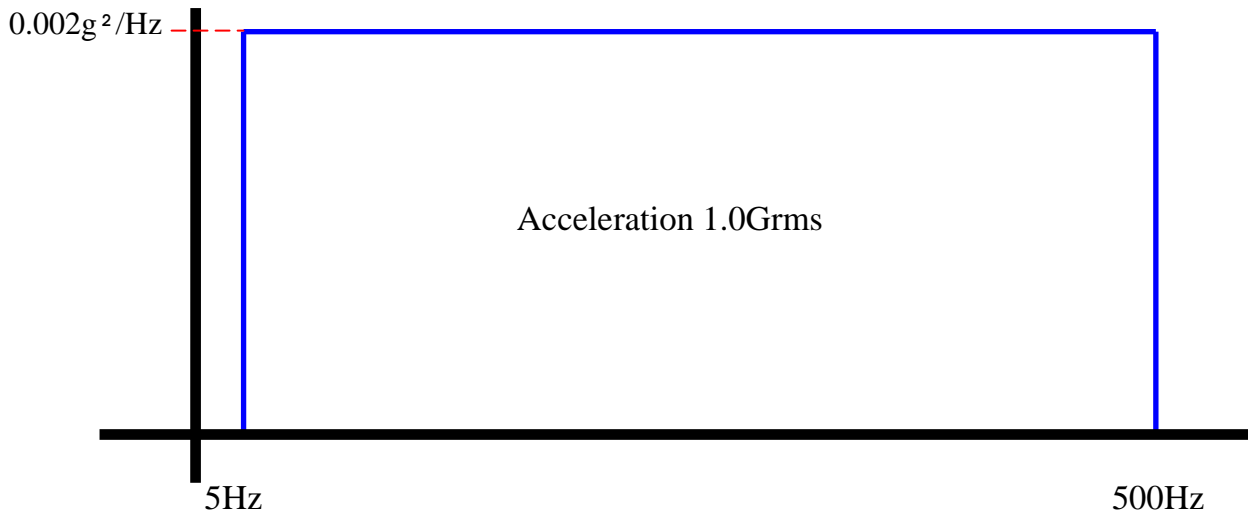
Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/08/2013

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



Test Result:

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