

# **AHP-2153**

(With 2.5" SATA HDD)

## **Vibration Test Report**

**Report NO: 12P030024**

<b>Issued by:</b>	<b><i>Rex Chang</i></b>	<b>/</b>	<b><i>2012/03/30</i></b>
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	<b>Engineer</b>		<b>Date</b>
<b>Reviewed by:</b>	<b><i>Wayne Chen</i></b>	<b>/</b>	<b><i>2012/03/30</i></b>
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	<b>CTO</b>		<b>Date</b>

## Test item list

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- |   |   |
|---|---|
| <i>1. Test item list</i> .....                  | 3 |
| <i>2. Random Vibration Operation Test</i> ..... | 4 |

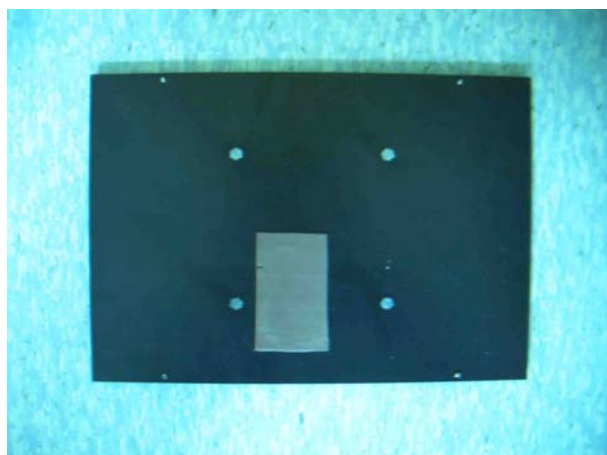
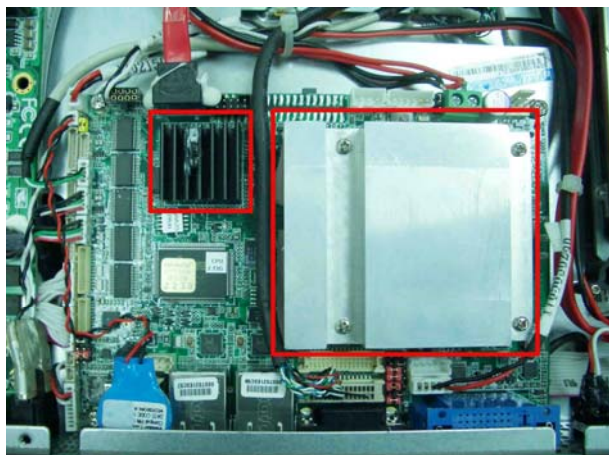
### Testing Result

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

# Configuration of EUT

Num	Item	Spec
1.	<b>15" Panel PC:</b>	AHP-2153
	1. LCD	TFT LCD.15".AUO.G150XG01 V3.1024*768.18&24 Bits
	2. Inverter	SAMPO YIVLAA0734D21 Ver: A
	3. Main Board	GENE-CV05 A1.0
	4. BIOS Ver.	AHP-2153 R0.4(2153AM04) (03/06/2012)
	5. CPU	Intel® Atom™ CPU D2700 @ 2.13GHz
	6. Memory	DSL / ELPIDA J2108BASE-DJ-F / DDR3 1066 / 4GB
	7. 2.5" SATA HDD	TOSHIBA MK1060GSC / 100GB
	8. Test Software	Windows 7 / Run one Microsoft media player simultaneously.
	9. POWER BORAD	PER-P17D.Rev.B1.0
2.	<b>AC Adapter</b>	FSP. FSP084-DMAA1

## Heat Sink



## HDD Kit



# Random Vibration Operation Test

**Test Date:** 03-29-2012

**Test Product:** AHP-2153

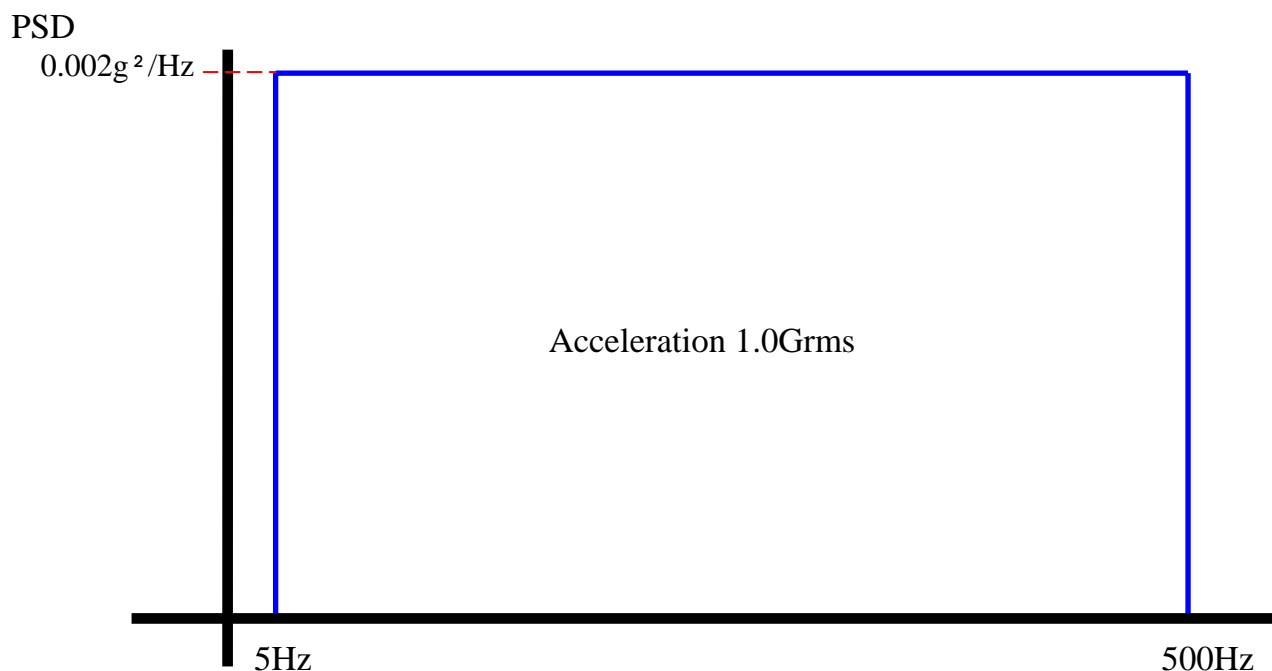
**Test Site:** AAEON QE Dept.

**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: 10/11/2011

**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:



**Test Result:**

The system structure didn't deform; Function was passed during system test