

AIS-E2-CV1

(With 2.5" SATA HDD)

Vibration Test Report

Report NO: 13I030016

Issued by:	<i>Jerry Chen</i> <hr style="border: 0.5px solid black;"/> Engineer	/	<i>2013/08/5</i> <hr style="border: 0.5px solid black;"/> Date
Reviewed by:	<i>Tom Lin</i> <hr style="border: 0.5px solid black;"/> Sr. Manager	/	<i>2013/08/5</i> <hr style="border: 0.5px solid black;"/> Date

Test item list

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

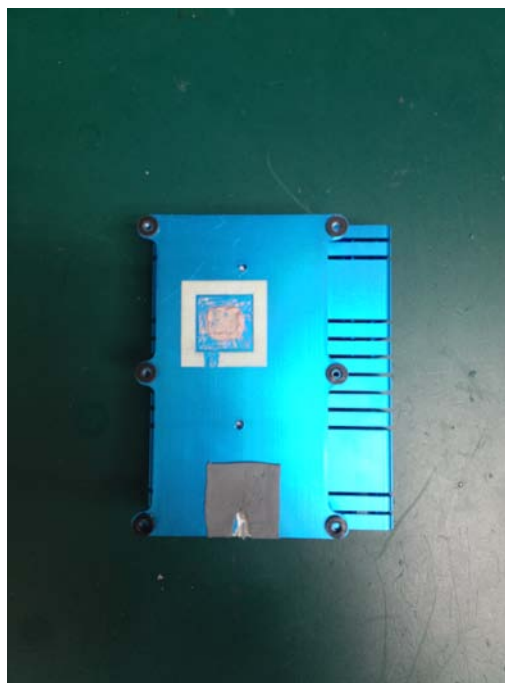
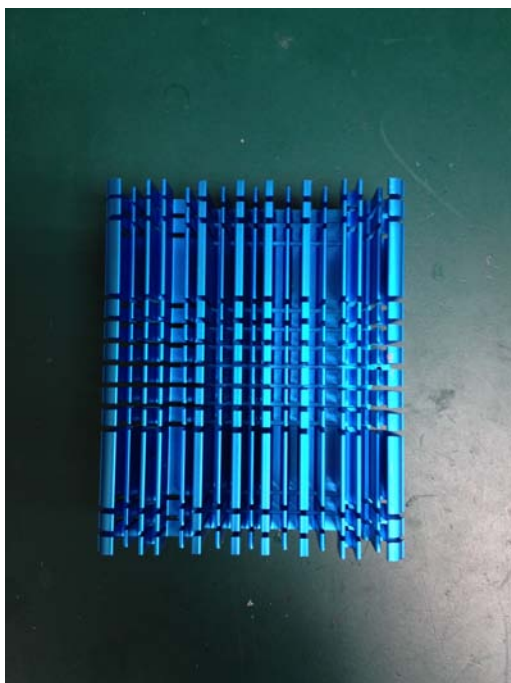
Testing Result

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

Configuration of EUT

Num	Item	Spec
1.	System:	AIS-E2-CV1 A1.0
	1. Main board	EMB-CV1
	2. BIOS	EMB-CV1 R1.6 (10/23/2012)
	3. CPU Type	Intel Atom D2550 B3 Processor / 1.86GHz
	4. Memory	ELPIDA J2108BCSE-DJ-F / DSL DDR3 1066 / 4GB
	5. 2.5" SATA HDD	TOSHIBA MK1676GSX SATA 2.5 HDD 160GB * 2
	6. Test Software	Windows 7 / Run BurnIn test 7.0 Pro
2.	Power Supply	FSP. FSP084-DMAA1 Output: 12V; 7.0A (84W MAX)

Heat Sink

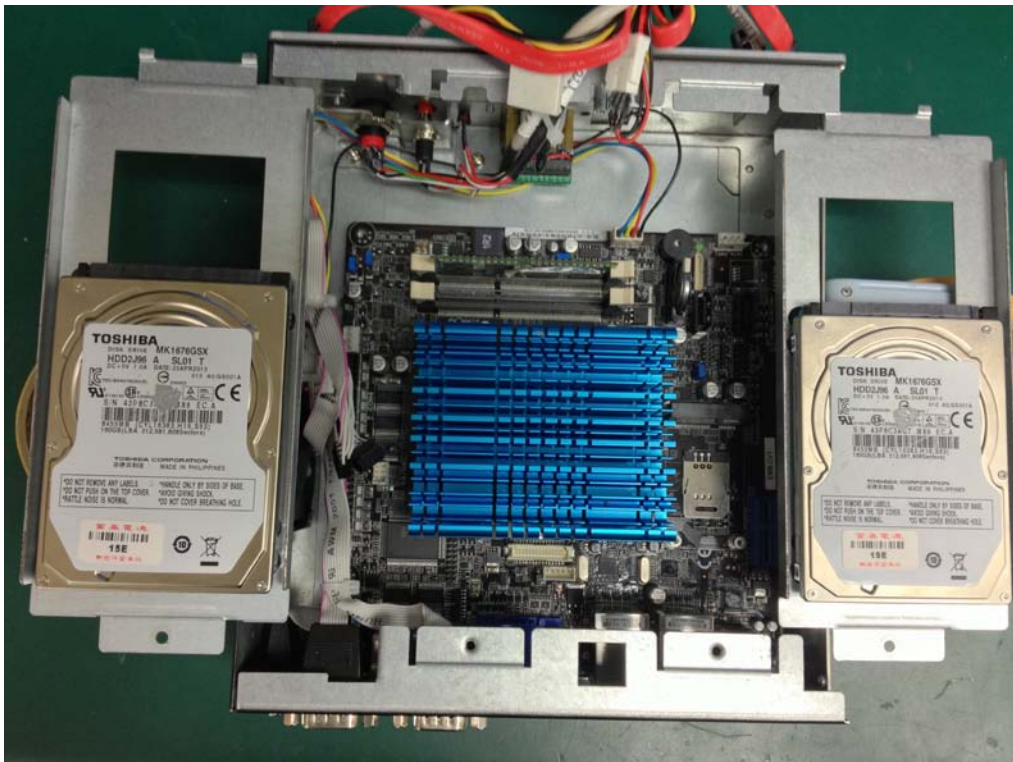


HDD



Configuration of EUT

System



Random Vibration Operation Test

Test Date: 08-02-2013

Test Product: AIS-E2-CV1

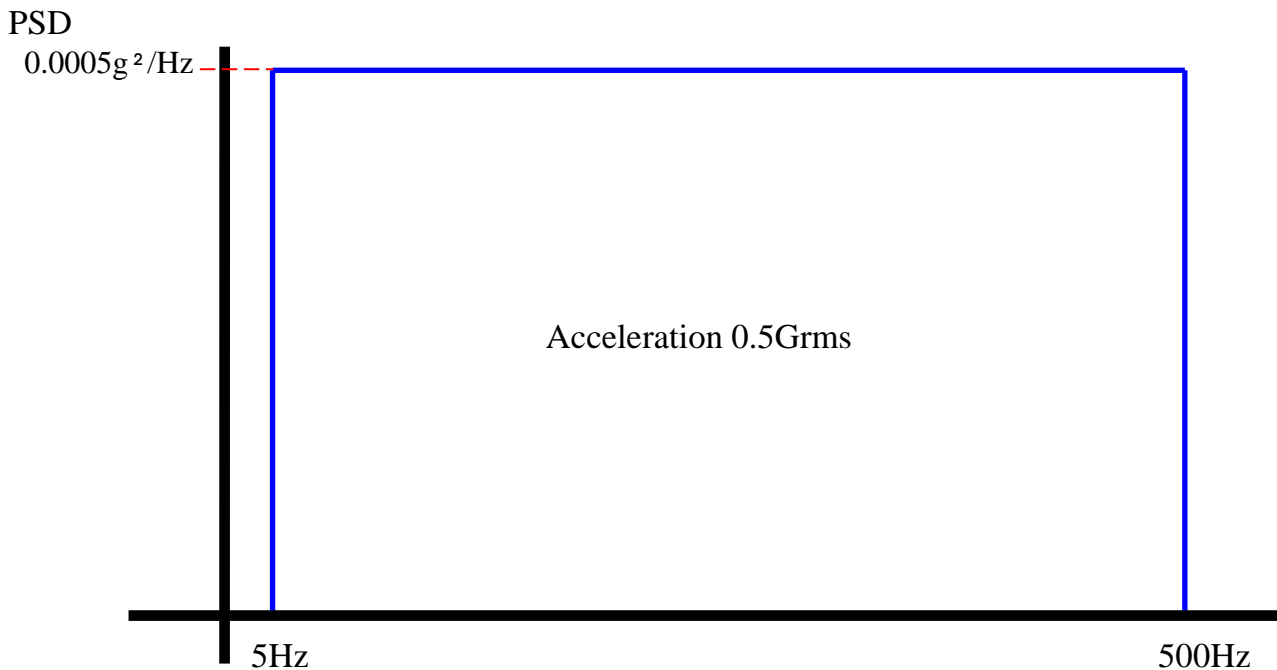
Test Site: AAEON QE Dept.

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: 10/21/2012

Test Condition:

1. Operation
2. Test Acceleration: 0.5Grms 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 BurnIn 7.0 Test Pro.
7. Test Vibration Curve:



Test Result:
The structure of the system did not deform after testing, and all functions still work will.