

DSS-CV20

(With 2.5" SATA HDD)

Vibration Test Report

Report NO: 12I030018

Issued by:	<i>Rex Chang</i>	/	<i>2012/12/18</i>
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	Engineer		Date
Reviewed by:	<i>Tom Lin</i>	/	<i>2012/12/18</i>
	<hr/>		<hr/>
	Sr. Manager		Date

Test item list

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

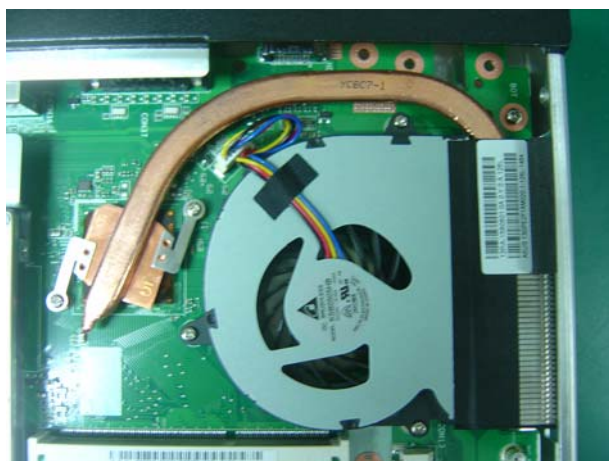
Testing Result

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

Configuration of EUT

Num	Item	Spec
1.	System:	DSS-CV20
	1.Main board	ASUS E81030 Rev 1.01
	2.BIOS	0401(04/10/2012)
	3.CPU Type	On board Intel Atom D2550 / 1.86GHz
	4.Wide Temp. Memory	DSL 2GB * 2 / DDR3-1066 / ELPIDA J1108BDSE-DJ-F
	5.Industrial SATA HDD	TOSHIBA MK160GSCX / 200GB
	6.Test Software	Windows 7 / Run one Microsoft media player simultaneously.
2.	Adapter:	FSP065-RAB / DC 19V / 3.42A

CPU Cooler



HDD Kit



Random Vibration Operation Test

Test Date: 12-17 ~ 18-2012

Test Product: DSS-CV20

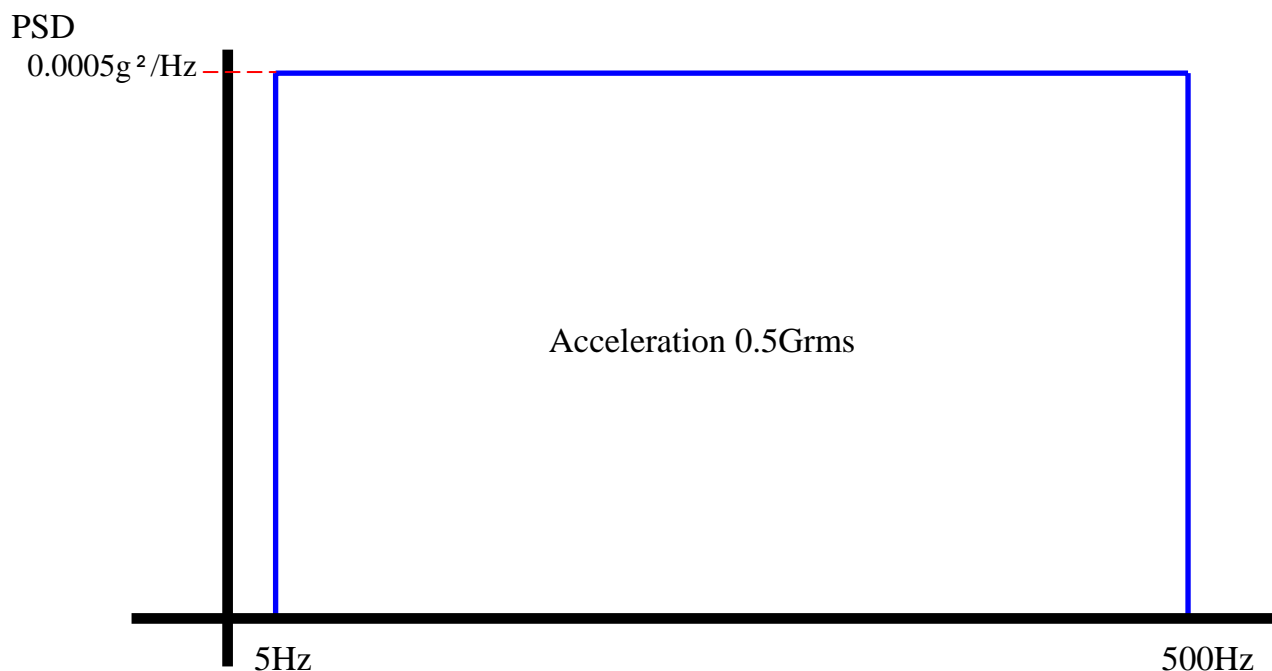
Test Site: AAEON QE Dept.

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 one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

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