

DSS-CV21

Vibration Test Report

Report NO: 12IP030001

Issued by:	<u>Matthew Chi</u>	/	<u>2012/12/27</u>
	Engineer		Date
Reviewed by:	<u>Tom Lin</u>	/	<u>2012/12/27</u>
	Sr. Manager		Date

Test item list

- | | | |
|-----------|-----------------------------------------------------|----------|
| 1. | <i>Test item list</i> ----- | 3 |
| 2. | <i>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:	DSS-CV21 A1.0
	1.Main board	ASUS E81030 Rev 1.01
	2.CPU Type	Intel Atom D2550 1.86GHz
	3.BIOS / Version	0401
	4. Chipset	Intel NM10
	5. Memory	DSL DDR3 1066 2GB ELPIDA J1108BDSE-DJ-E x2
	6. SATA HDD	TOSHIBA 2"5 MK1676GSX 160GB
	7. Test Software	Windows 7 / Run BurnIn test 7.0
2.	Adapter:	ASUS ADP-90CD/ DC 19V/ 4.74A

System picture:



Random Vibration Operation Test

Test Date: 12-27-2012

Test Product: DSS-CV21

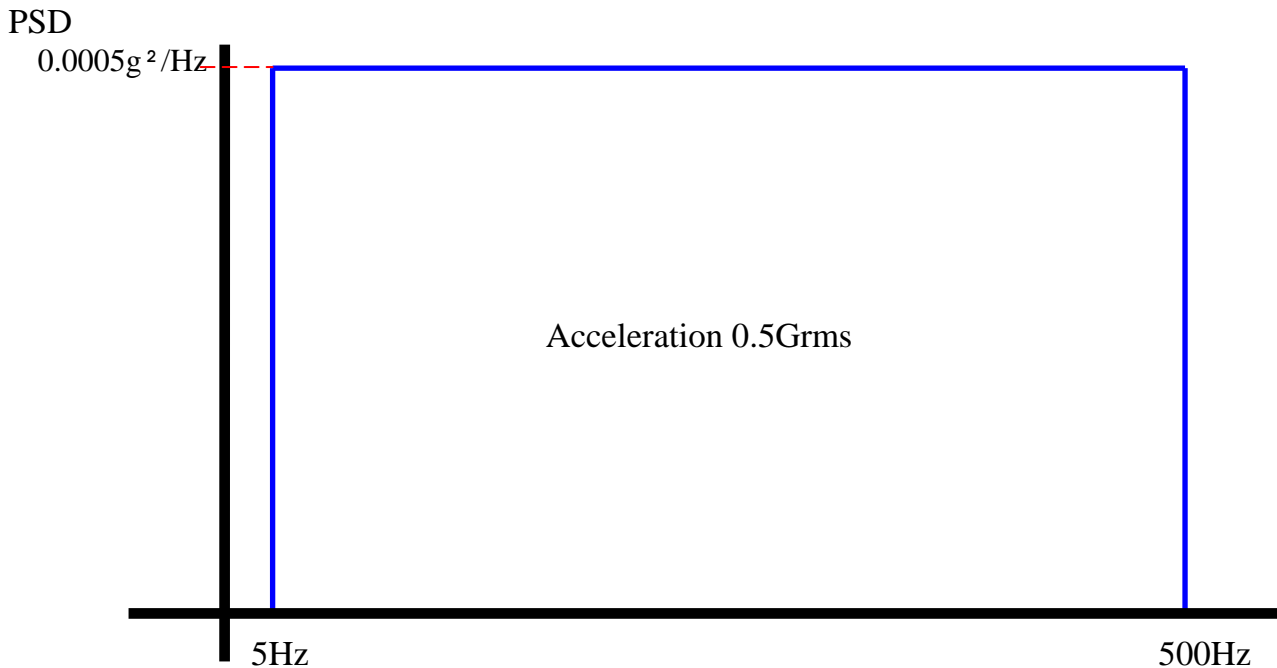
Test Site: AAEON QE Dept.

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