

AEC-6401

(With mSATA HDD)

Vibration Test Report

Report NO: 13P030003

Issued by:	<i>Rex Chang</i>	/	<i>2013/02/18</i>
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	Engineer		Date
Reviewed by:	<i>Tom Lin</i>	/	<i>2013/02/18</i>
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	Sr. Manager		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:	AEC-6401
	1. Main board	PBA-CV02 A0.2
	2. BIOS	AEC-6401 R0.6 (6401AT06) (12/26/2012)
	3. CPU Type	Intel Atom N2600 / 1.6GHz
	4. Wide Temp. Memory	DSLGB * 4 / DDR3-1066 / ELPIDA J2108BCSE-DJ-F
	5. Wide Temp. mSATA	MEMORIGHT 29F64G08AFAAA / 16GB
	6. WiFi Module	VNT9271b6050
	6. Test Software	Windows 7 / Run BurnIn test 7.0 Pro
2.	Adapter	FSP FSP060-DBAB1

Heat Sink



mSATA Socket



Random Vibration Operation Test

Test Date: 02-18 -2013

Test Product: AEC-6401

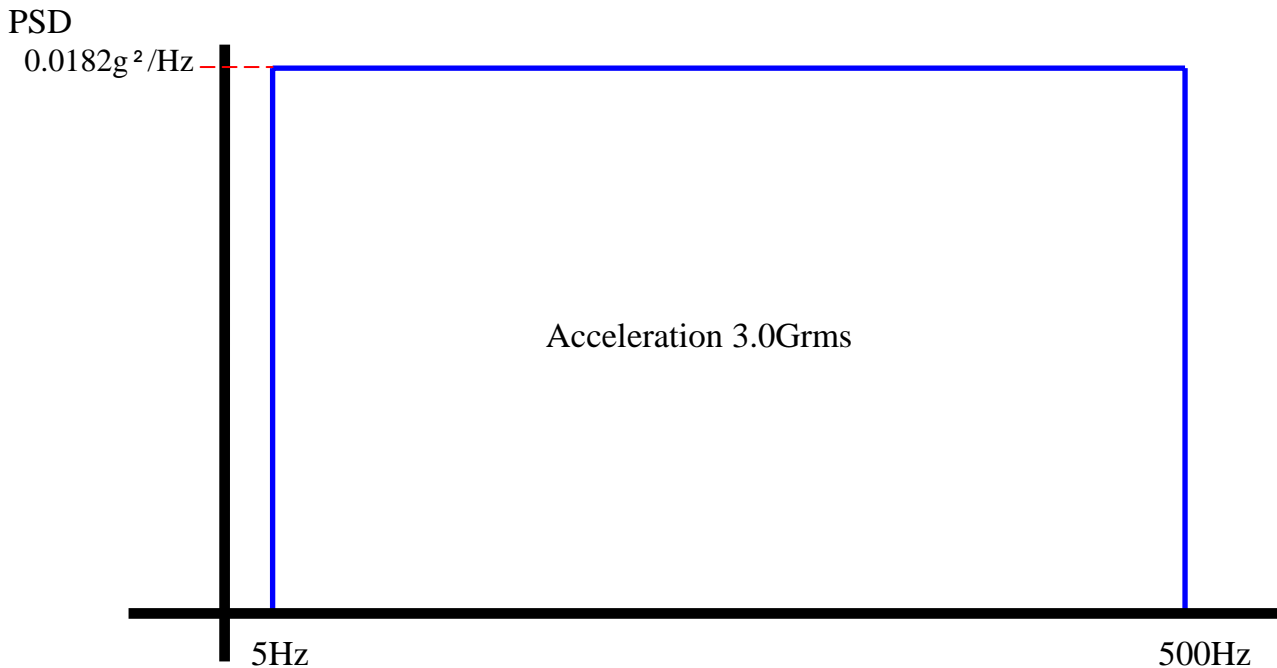
Test Site: AAEON QE Dept.

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: 3.0Grms 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 structure of the system did not deform after testing, and all functions still work will.