

BOXER-6640M

With 2.5" SATA HDD

Vibration Test Report

Report NO: 17P030021



Summary	<p><input checked="" type="checkbox"/> Pass</p> <p><input type="checkbox"/> Fail Note : There is/are ____ defect(s) not list in the report, please check it in the DTS Website.</p> <p><input type="checkbox"/> Pass with Deviation Comment: _____</p>
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Issue date

2017-06-15

Approval

KJ Wang

Issued by

Rex Chang

Test item list

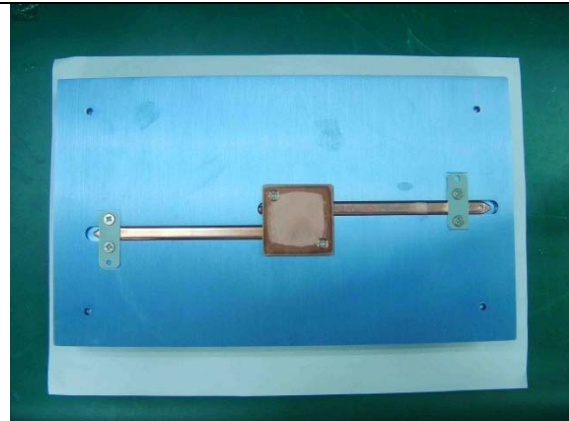
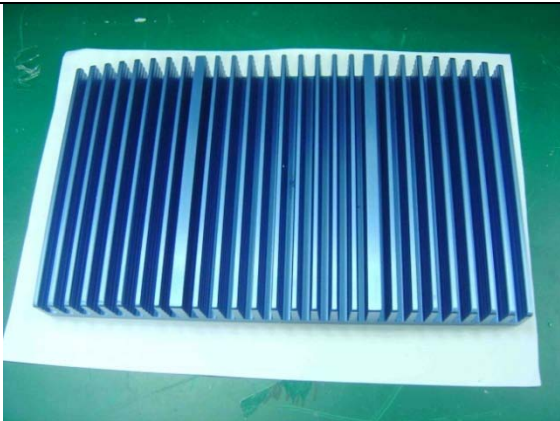
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|---|---|
| 1. <i>Test item list</i> ----- | 2 |
| 2. <i>Random Vibration Operation Test</i> ----- | 3 |

Test Configuration:

Num	Item	Spec
1.	Fanless System	BOXER-6640M
	1. Main Board	PBA-SKS03 Ver.A0.1
	2. BIOS Ver.	BOXER-6640M R0.2 (B640MM02) (05/03/2017)
	3. CPU Type	Intel Core i7-6700TE / 2.4GHz
	4. Chipset	Intel H170
	5. Wide Temp. Memory	Transcend 4GB *2 / DDR4-2133 / SEC K4A4G08 5WE BCRC
	6. Wide Temp.2.5" HDD	TOSHIBA MQ01AAD010C / 100GB
	7. Test Software	Windows 10 / Run PassMark BurnIn test 8.1 Pro
2.	Adapter	FSP / FSP120-ABAN2 / Output: 19V; 6.32A MAX

Photos

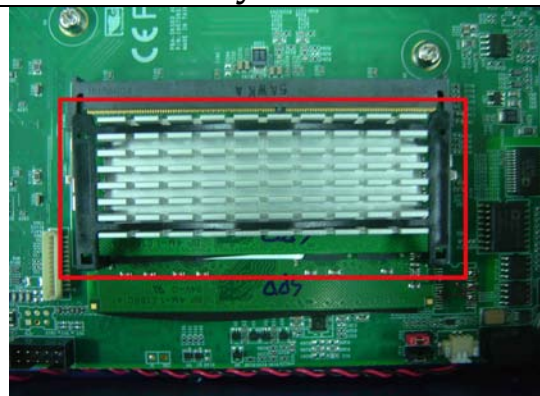
Heat Sink



HDD Kit



Memory Heat Sink



Random Vibration Operation Test

Test Date: 06-14 ~ 15-2017

Test Product: BOXER-6640M

Test Site: AAEON QE Dept.

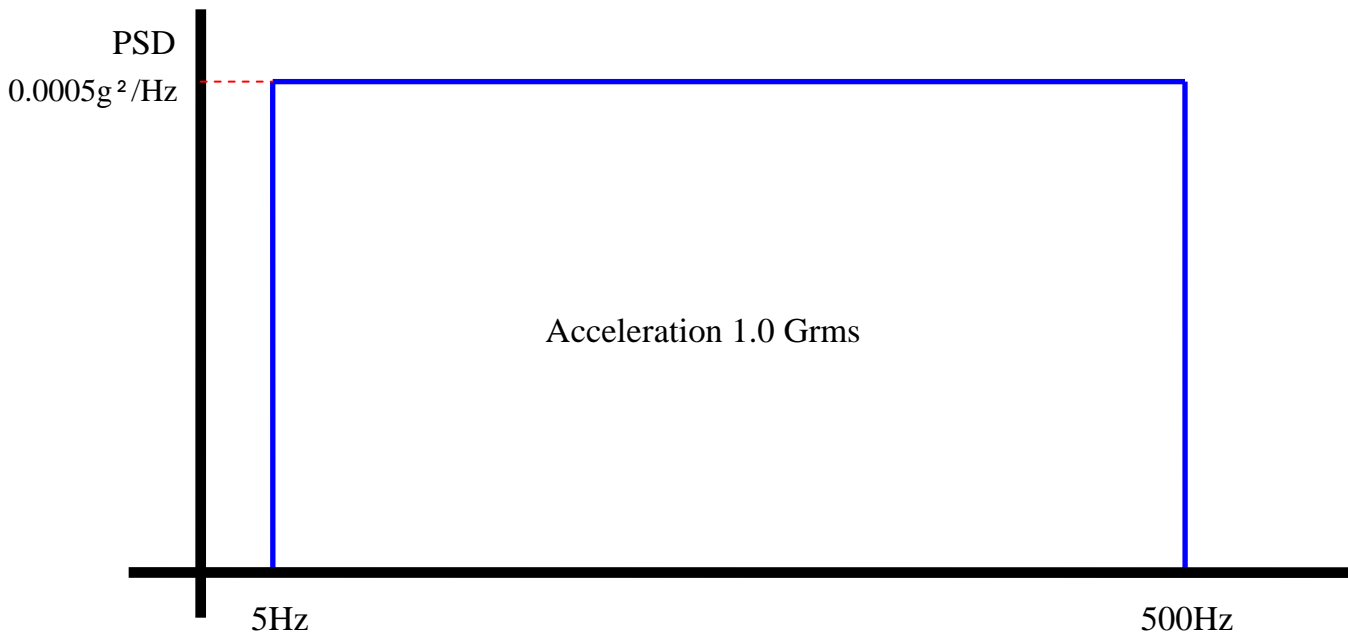
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/18/2016

Test Condition:

1. Operation
2. Test Acceleration: 1.0 Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 10 / Run PassMark Burn In Test 8.1 Pro
7. Test Vibration Curve:



Test Result:

No structure deformation was found, and function was working normally.