

BOXER-6640

With 2.5" SATA HDD

Vibration Test Report

Report NO: 17P030017



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

2017-06-07

QE Manager

KJ Wang

Test Engineer

Jerry Chen

Test item list

1. *Test item list* ----- 2
2. *Configuration of EUT*----- 3
3. *Random Vibration Operation Test* ----- 4

Testing Result

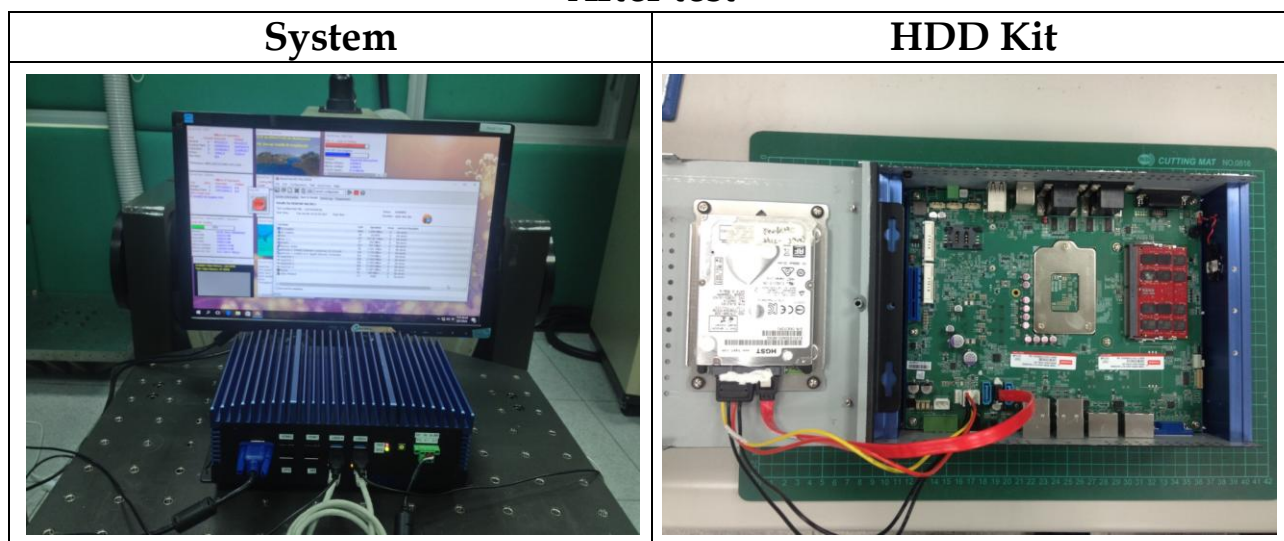
Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

Configuration of EUT

Num	Item	Spec
1	Fanless System	BOXER-6640
2	Main Board	PBA-SKS02 / Ver. A0.1
3	BIOS Ver.	BOXER-6640 T0.3 (B640AT03) (04/07/2017)
4	CPU Type	Intel Core i7-7700T / 2.9GHz
5	Chipset	Intel H110
6	Wide Temp. Memory	Innodisk / 16GB / DDR4 2400 W/T SODIMM / SEC K4A8G085WB *2
7	2.5" SATA HDD	HGST / HTE725032A7E630 / 320GB
8	Test Software	Windows 10 / Run PassMark BurnIn test 8.1 Pro
9	Adapter:	FSP / FSP120-ABAN2 19V/6.32A 120W

Photos

After test



Random Vibration Operation Test

Test Date: 06-06-2017

Test Product: BOXER-6640

Test Site: AAEON QE Dept.

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

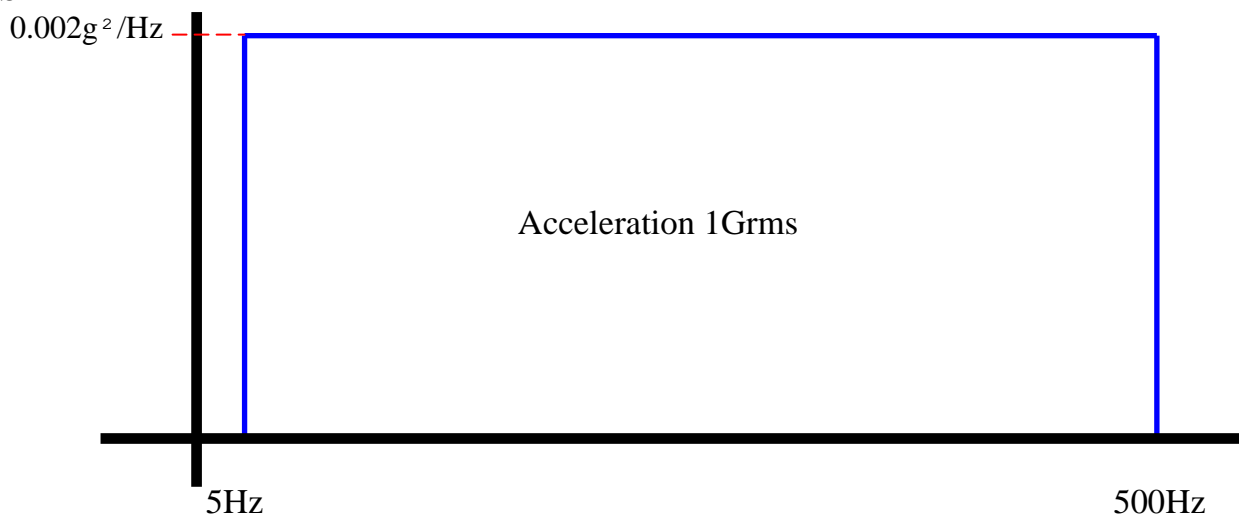
Test Equipment:

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: 1Grms 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:

PSD



Test Result:

No found structure deformation, and function was working normally.