

BOXER-6639

With 2.5" SATA HDD

Vibration Test Report

Report NO: 16P030021



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

2016-08-17

QE Manager

KJ Wang

Test Engineer

Rex Chang

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.	Fanless System	BOXER-6639
	1. Main Board	PBA-SKS01 A0.1
	2. BIOS Ver.	BOXER-6639 R0.8 (B639AM08) (06/24/2016)
	3. CPU Type	Intel CPU.Skylake.2.4GHz.core i7-6700TE
	4. Chipset	Intel GL82Q170
	5. Wide Temp. Memory	INNODISK 4GB * 2 / DDR4 2133 / SEC K4A4G08 5WE BCPB
	6. Wide Temp. HDD	TOSHIBA 100G / MQ01AAD010C
	7. Test Software	Windows 10 / Run one Microsoft media player simultaneously
2.	Adapter:	FSP / FSP120-AAB / Output: 19V;6.32A MAX

HDD Kit



Random Vibration Operation Test

Test Date: 08-17-2016

Test Product: BOXER-6639 (with 2.5" SATA HDD)

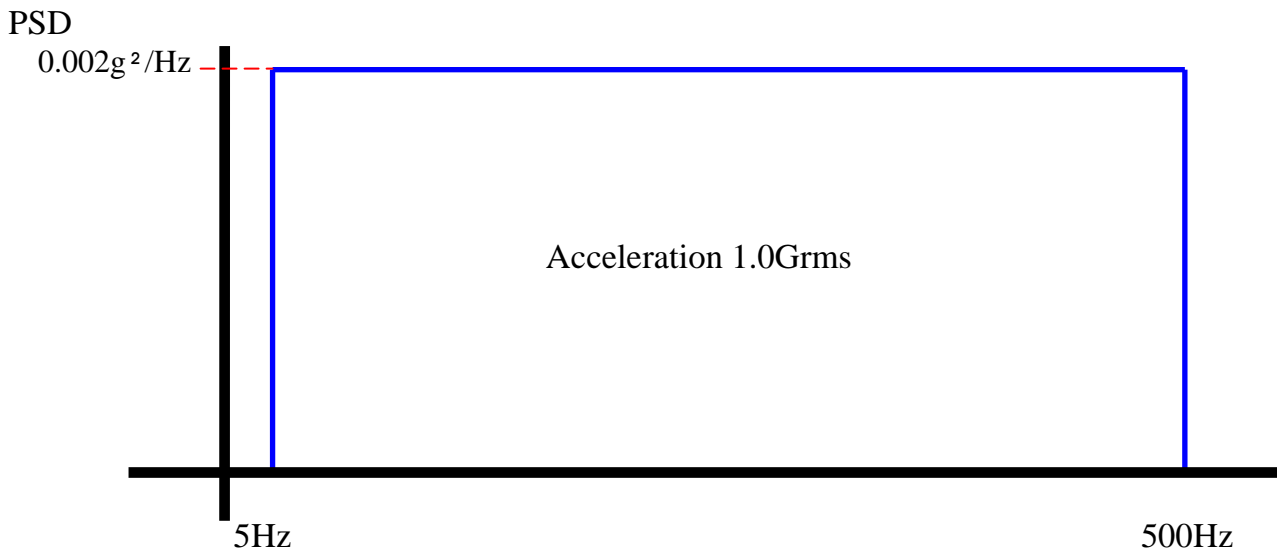
Test Site: AAEON QE Dept.

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

Test Equipment:
Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/19/2015

Test Condition:

1. Operation
2. Test Acceleration: 1.0Grms 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 one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

The system structure doesn't deformation; function was passed during system test