

BOXER-6301VS

With 2.5" SATA SSD + HDD

Vibration Test Report

Report NO: 15P030001



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

2015-01-08

Approval

Vincent Chen

Issued by

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.	System:	Boxer-6301VS
	1. Main Board	GENE-QM87 REV. A1.0 (BIOS Ver: B301AM01.bin)
	2. CPU	Intel Haswell i5-4402E 1.6GHz (up to 2.7GHz)
	3. Memory	ADATA DDR3L 1600 4GB X 8 SO-DIMM
	4. 2.5" SATA SSD	INNODISK / FiD 2.5" SATA 25000 / 32GB WT. with Windows7
	5. 2.5" SATA HDD	TOSHIBA MK1060GSC / 100GB
	6. Test Software	Windows 7 / Run PassMark Burn In Test 7.1 Pro Etro Scan rev. 1.2.4.3
	7. Power Board	PER-P20D REV. A0.2
	8. 4 POR POE Board	PER-T263 A1.0
2.	Bullet Camera	ETROUISION EV8782Q-BQ 3MP x 4 PCS
3.	Adapter	FSP. FSP150-AAAN1 (9NA1501726) 24V DC OUT

HDD Kit



Random Vibration Operation Test

Test Date: 01-07 ~ 08-2015

Test Product: BOXER-6301VS (with 2.5" SATA SSD+ HDD)

Test Site: AAEON QE Dept.

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

Test Equipment:

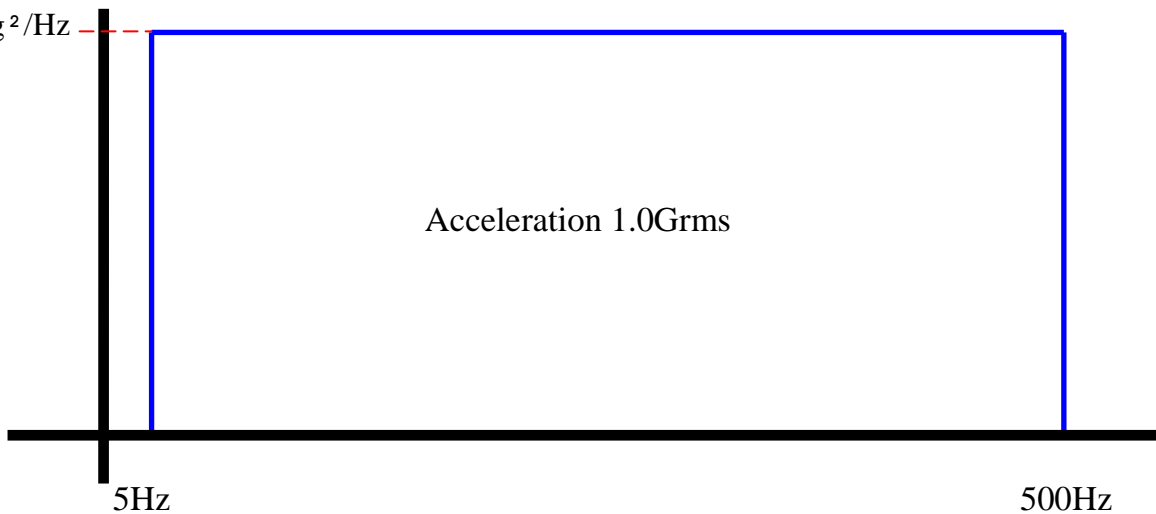
Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/08/2014

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 7 /
Run PassMark Burn In Test 7.1 Pro + Etro Scan rev. 1.2.4.3
7. Test Vibration Curve:

PSD

0.002g²/Hz



Test Result:

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