

OMNI-3105-SKU

With 2.5" SATA HDD

Vibration Test Report

Report NO: 16P030029

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

2016-12-22

QE Manager

KJ Wang

Test Engineer

Jerry Chen

Test item list

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

Testing Result

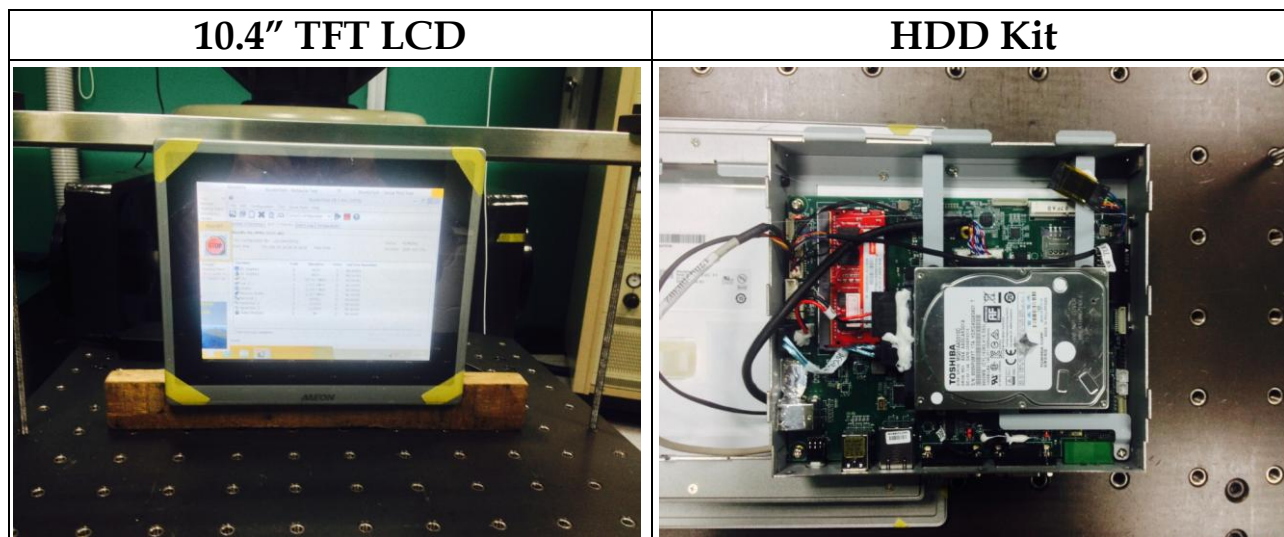
Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

Configuration of EUT

Num	Item	Spec
1.	Fanless System	OMNI-3105-SKU
	1. 10.4" TFT LCD	10.4".800*600.AUO.G104SN03 V5.one chanel LVDS, LED backlight
	2. Main Board	PBA-SKU6 A1.0
	3. BIOS Ver.	OMNI Series Project (SKU) R2.0 (OMSKAM20) (11/02/2016)
	4. CPU Type	Intel Core i5-6300U 2.4GHz
	5. Chipset	Intel Skylake-U
	6. Wide Temp. Memory	innodisk / DDR4 2133 W/T SODIMM 8GB / SEC K4A4G085WE
	7. Wide Temp. 2.5" SATA HDD	Toshiba / MQ01AAD010C / 100GB
	8. Test Software	Windows 8.1 / Run PassMark BurnIn test 8.1 Pro
2.	Adapter:	FSP / FSP120-ABAN2 19V/6.32A 120W

Photos

After test



Random Vibration Operation Test

Test Date: 12-21-2016

Test Product: OMNI-3105-SKU

Test Site: AAEON QE Dept.

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

Test Equipment:

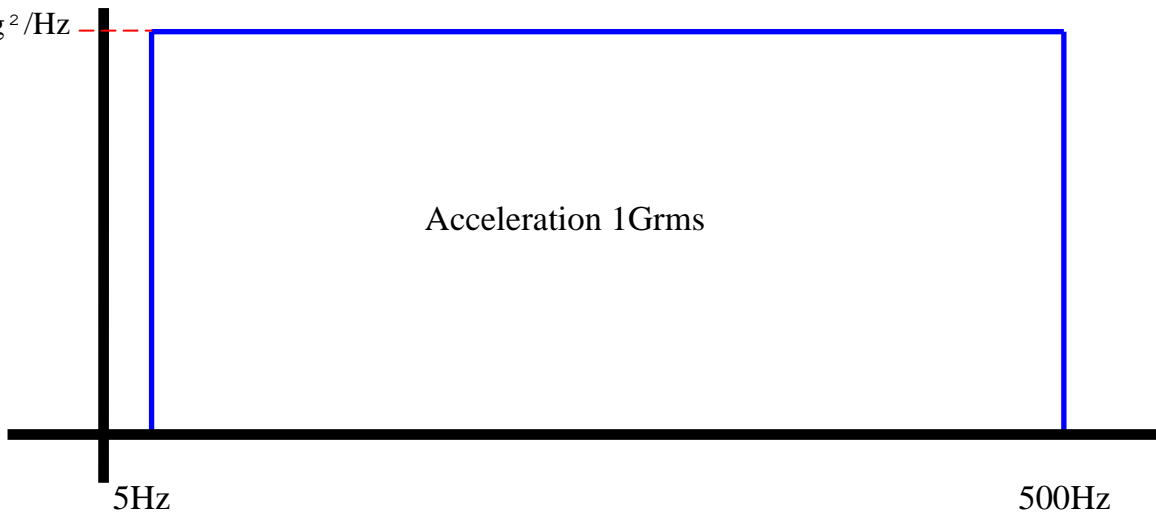
Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/18/2016

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 8.1 / Run PassMark Burn In Test 8.1 Pro.
7. Test Vibration Curve:

PSD

0.002g²/Hz



Test Result:

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