

# OMNI-3175-SKU

With 2.5" SATA HDD

## Vibration Test Report

Report NO: 16P030030

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

2016-12-23

QE Manager

KJ Wang

Test Engineer

Jerry Chen

## Test item list

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|---|----------|
| <b>1. Test item list</b> -----                  | <b>2</b> |
| <b>2. Configuration of EUT</b> -----            | <b>3</b> |
| <b>3. Random Vibration Operation Test</b> ----- | <b>4</b> |

### Testing Result

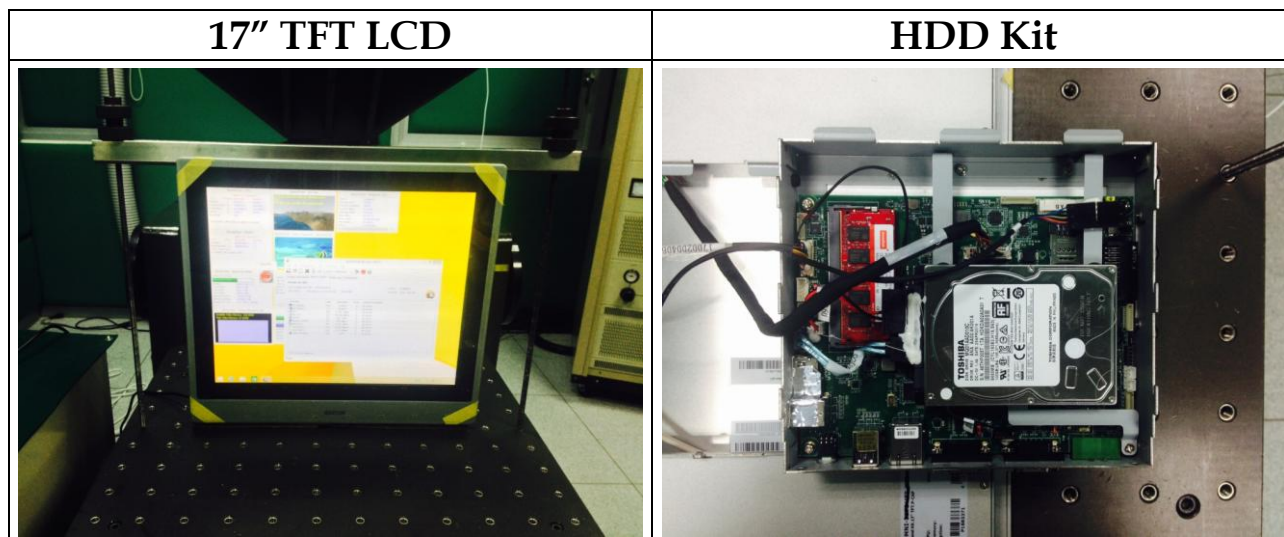
Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

# Configuration of EUT

Num	Item	Spec
<b>1.</b>	<b>Fanless System</b>	OMNI-3175-SKU
1.	17" TFT LCD	17".1280x1024.350nits.AUO.G170EG01 V1.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
<b>2.</b>	<b>Adapter:</b>	FSP / FSP120-ABAN2 19V/6.32A 120W

## Photos

### After test



# Random Vibration Operation Test

**Test Date:** 12-22-2016

**Test Product:** OMNI-3175-SKU

**Test Site:** AAEON QE Dept.

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

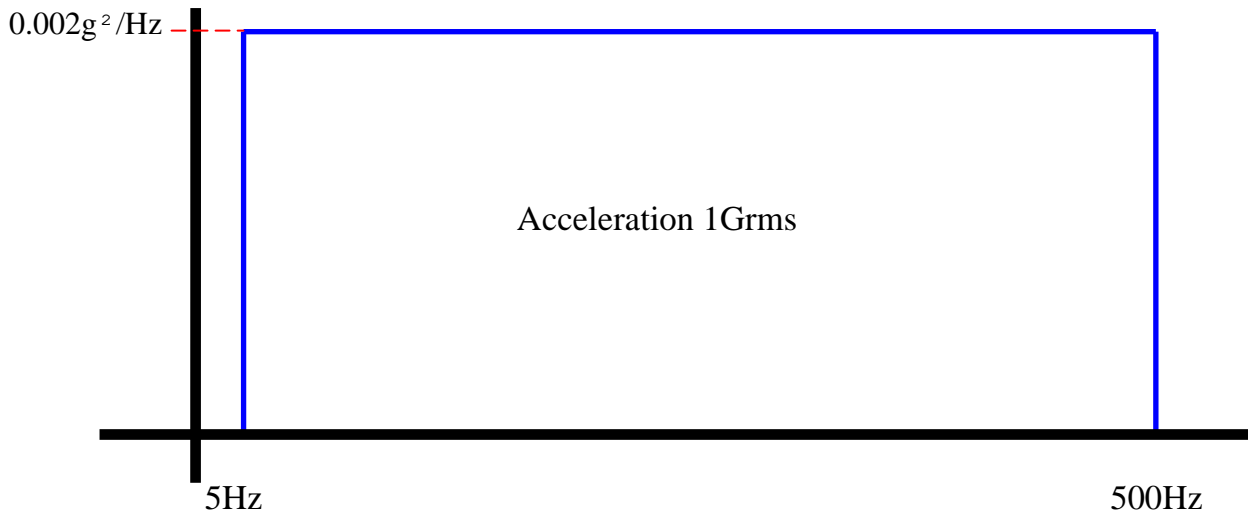
**Test Equipment:**

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



**Test Result:**

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