

# OMNI-2155-SKU

With 2.5" SATA HDD

## Vibration Test Report

Report NO: 16P030019

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

QE Manager

Test Engineer

2016-07-19

KJ Wang

Rex Chang

## Test item list

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

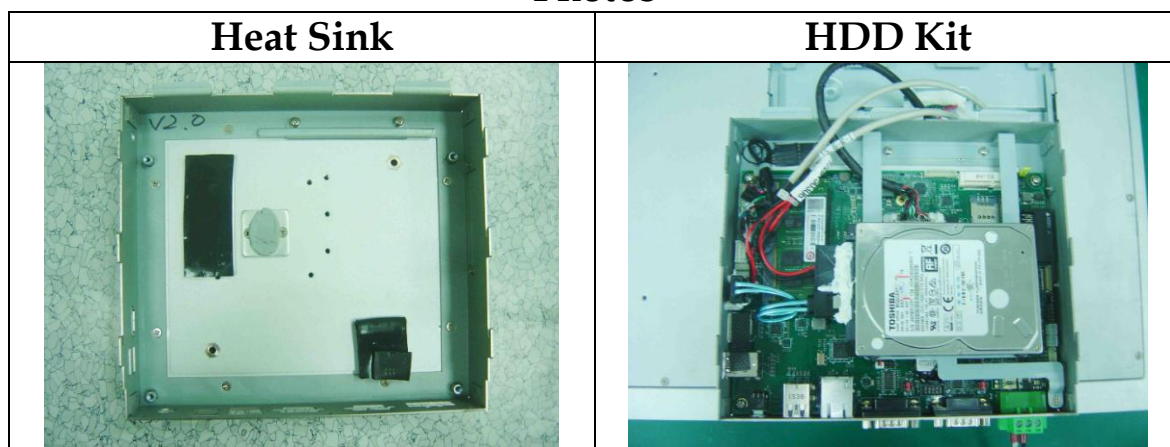
### Testing Result

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

# Configuration of EUT

Num	Item	Spec
<b>OMNI-2155-SKU</b>		
1	15.6" TFT LCD	AUO.G156XW01V1.1366x768, LED backlight
2	CPU Board	PBA-SKU6 Ver. A0.2
3	CPU	Intel Skylake-U i5-6300U / 3.0GHz
4	BIOS	OMNI-2215SKU R0.4 (OMSKAM04)(06/16/2016)
5	Wide Temp. Memory	Transcend 8GB / DDR4 2133 / SEC K4A4G08 5WE BCPB
6	Wide Temp. 2.5" SATA HDD	TOSHIBA MQ01AAD010C / 100GB
7	Test Software	Windows 10 / Run one Microsoft media player simultaneously.
8	Adapter	FSP FSP120-ABAN2 / 19V; 6.32A

## Photos



# Random Vibration Operation Test

**Test Date:** 07-19-2016

**Test Product:** OMNI-2155-SKU (with 2.5" SATA HDD)

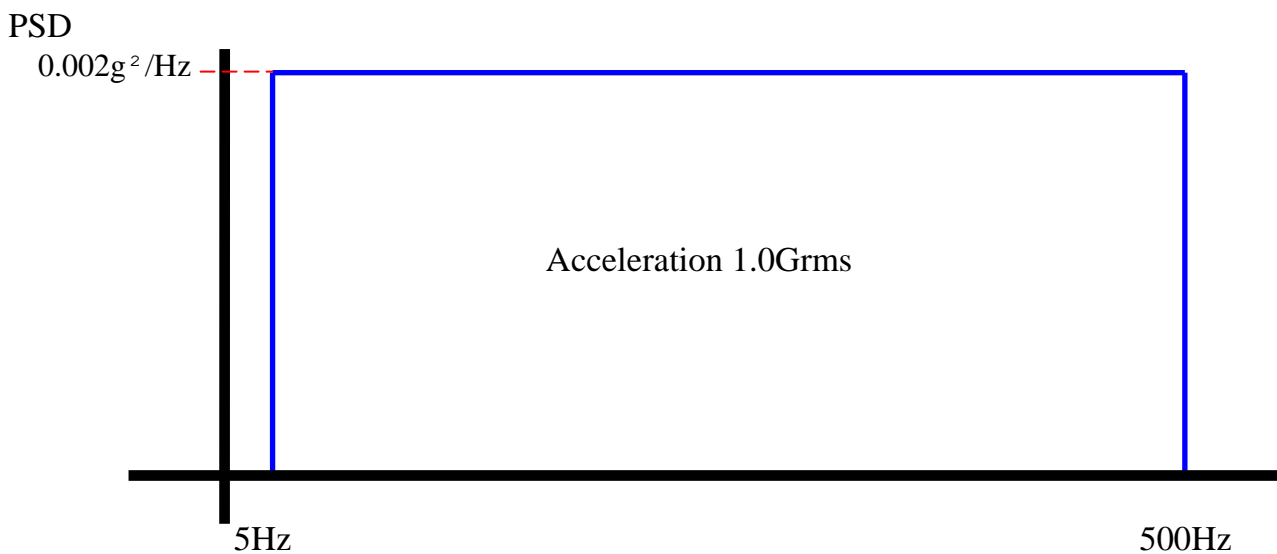
**Test Site:** AAEON QE Dept.

**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