

# OMNI-3175-BT

With 2.5" SATA HDD & CFast

## Vibration Test Report

Report NO: 16P030012

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

2016-05-27

KJ Wang

Rex Chang

## Test item list

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

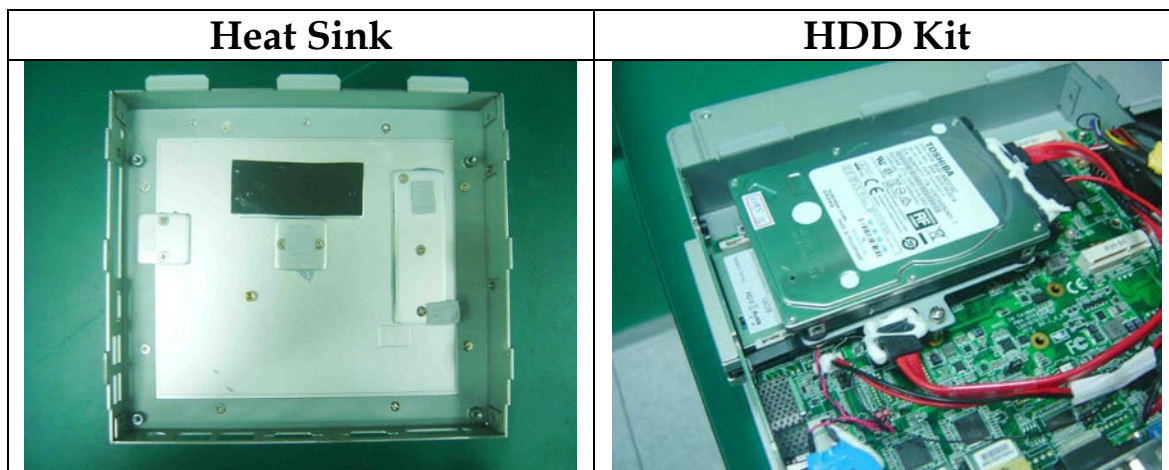
### Testing Result

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

# Configuration of EUT

Num	Item	Spec
<b>OMNI-3175-BT</b>		
1	17" TFT LCD	AUO.G170EG01 V1"1280*1024.18&24 Bits 1ch lvds
2	CPU Board	PBA-BT03 Ver. B0.1
3	CPU	Intel® Celeron® Processor J1900 / 2.0GHz
4	BIOS	OMNI SERIES R0.2 (OMBTAM02)(03/03/2016)
5	Wide Temp. Memory	MEMPHIS 8GB / DDR3L 1600 / IM IM4G08D3F ABG-125ITW
6	Wide Temp. 2.5" SATA HDD	TOSHIBA MQ01AAD010C / 100GB
7	Wide Temp. CFast	Innodisk 3ME Series 16GB / DECFA-16GD07SW2DC-26
8	Test Software	Windows 8 / Run one Microsoft media player simultaneously.
9	Adapter	FSP FSP084-DIBAN2

## Photos



# Random Vibration Operation Test

**Test Date:** 05-26-2016

**Test Product:** OMNI-3175-BT (with 2.5" SATA HDD & CFast)

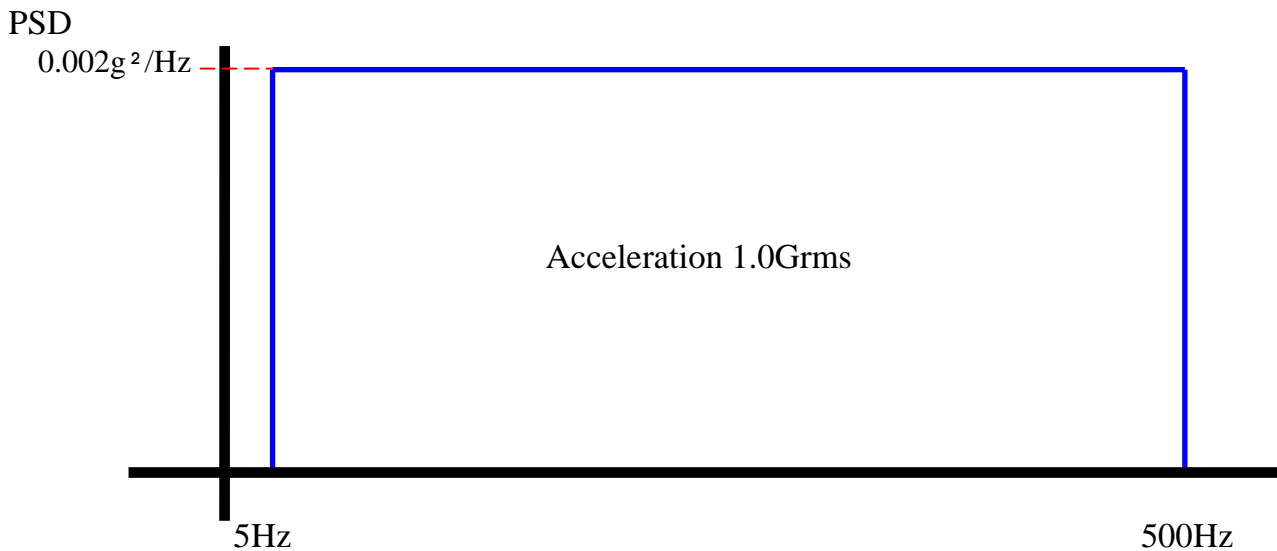
**Test Site:** AAEON QE Dept.

**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 8 / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



**Test Result:**  
The system structure doesn't deformation; function was passed during system test