

OMNI-3155-BT

With 2.5" SATA HDD & CFast

Vibration Test Report

Report NO: 16P030013

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

QE Manager

Test Engineer

2016-05-27

KJ Wang

Rex Chang

Test item list

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

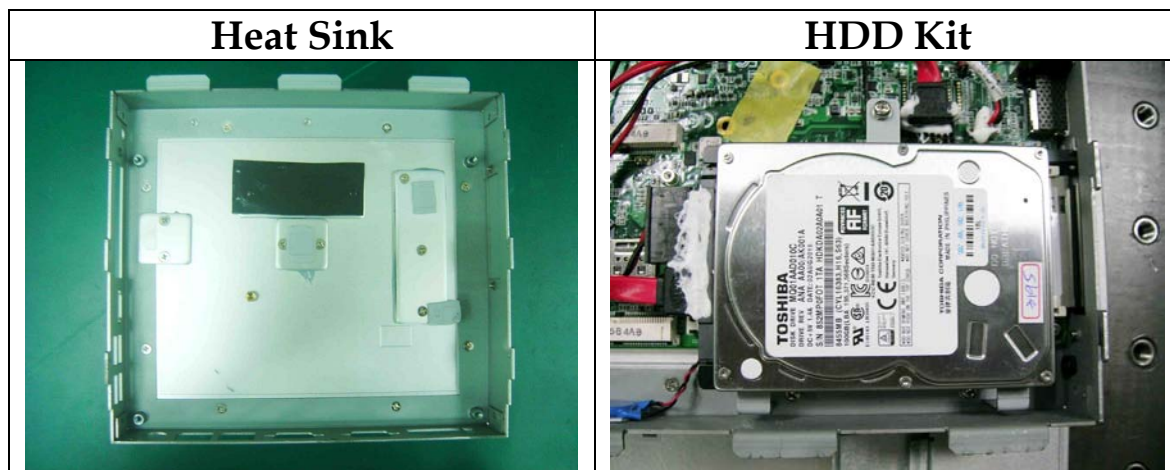
Testing Result

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

Configuration of EUT

Num	Item	Spec
OMNI-3155-BT		
1	15" TFT LCD	MITSUBISHI.AC150XA02.1024*768.18&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: 05-27-2016

Test Product: OMNI-3155-BT (with 2.5" SATA HDD & CFast)

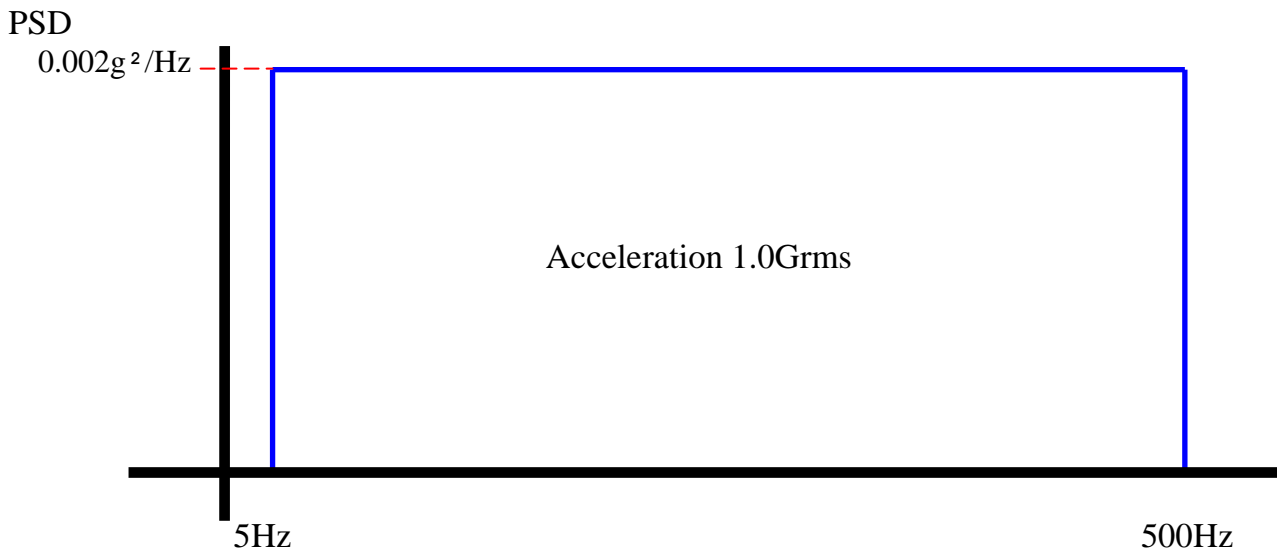
Test Site: AAEON QE Dept.

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