

BOXER-6616

With 2.5" SATA HDD

Vibration Test Report

Report NO: 17P030022



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

2017-06-28

Approval

KJ Wang

Issued by

Rex Chang

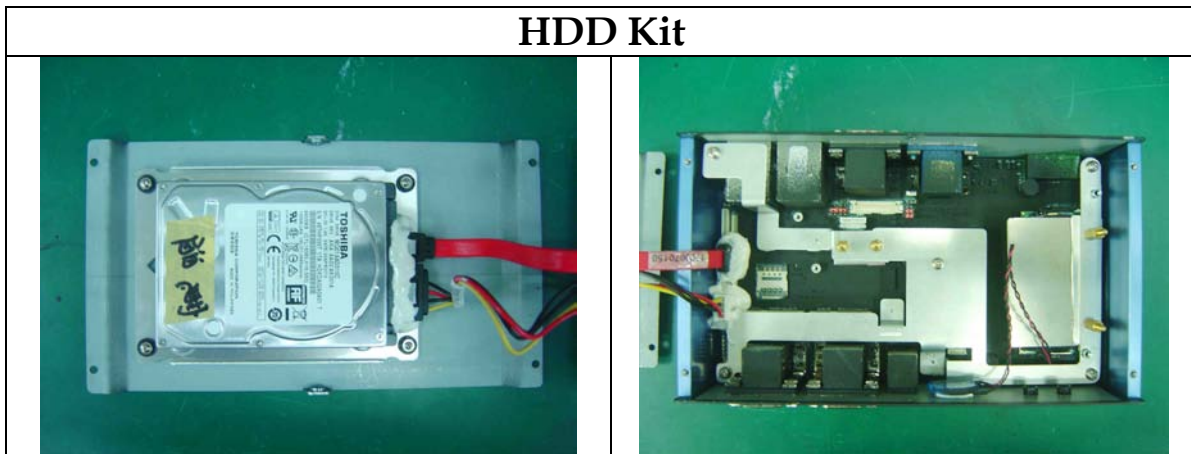
Test item list

- | | |
|--|---|
| 1. Test item list ----- | 2 |
| 2. Random Vibration Operation Test ----- | 3 |

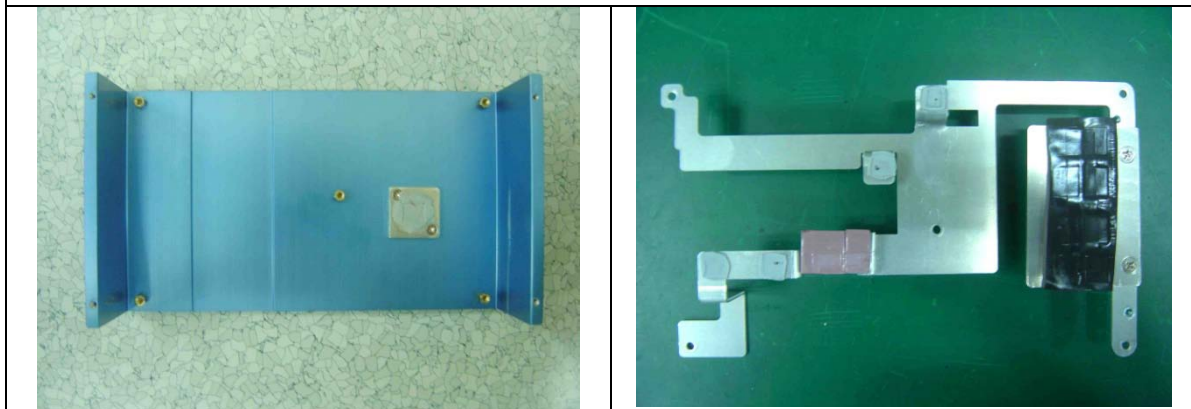
Test Configuration:

Num	Item	Spec
1.	Fanless System	BOXER-6616
1.	Main Board	PBA-APL2 A1.0
2.	BIOS Ver.	R0.8 (B616AM08) (02/08/2017)
3.	CPU Type	Intel Pentium N4200 / 1.1GHz
4.	Chipset	Intel Apollo Lake
5.	Wide Temp. Memory	MEMPHIS 8GB * 1 / DDR3L 1600 / iM IM4G08DSF ABG-1251TW
6.	Wide Temp. HDD	TOSHIBA MQ01AAD010C / 100GB
7.	Test Software	Windows 10 / Run PassMark BurnIn test 8.1 Pro

Photos HDD Kit



Heat Sink with Thermal Pad



Random Vibration Operation Test

Test Date: 06-27 ~ 28-2017

Test Product: BOXER-6616

Test Site: AAEON QE Dept.

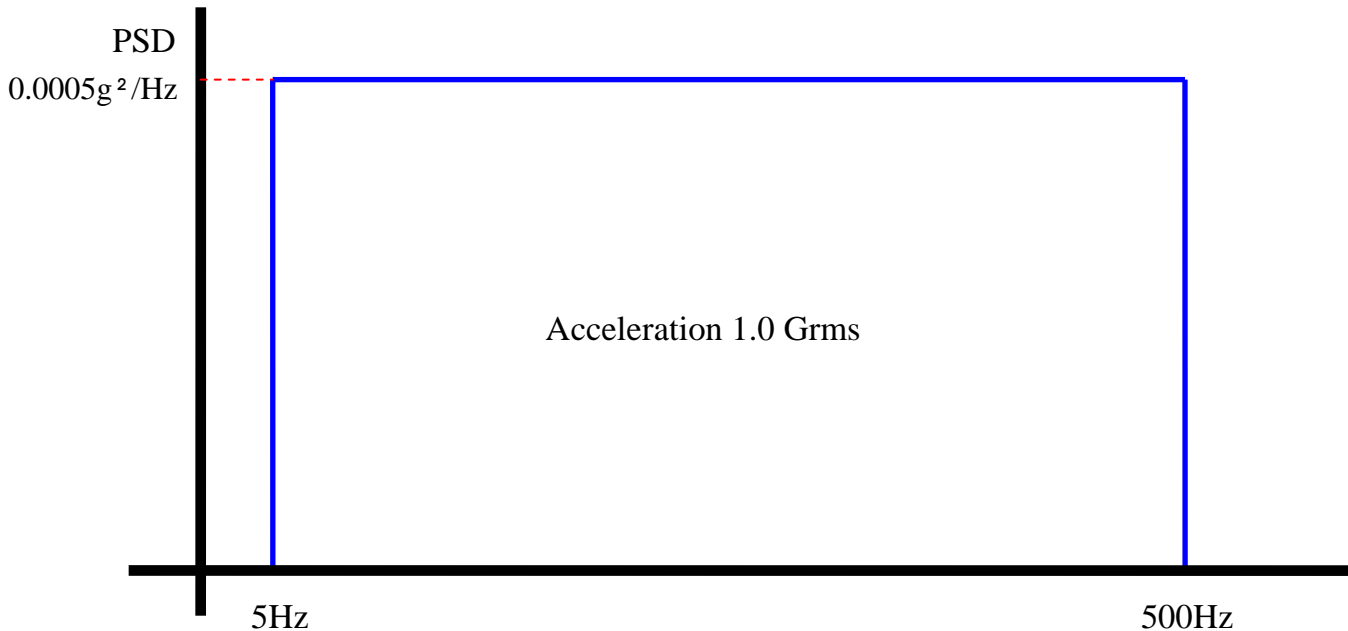
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

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: 1.0 Grms 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 PassMark Burn In Test 8.1 Pro
7. Test Vibration Curve:



Test Result:

No structure deformation was found, and function was working normally.