

OMNI-5155-BT

Vibration Test Report

Report NO: 17P030009

Issue date	QE Manager	Test Engineer
2017-04-24	KJ Wang	Ben Sun

Test item list

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

Test Configuration:

Num	Item	Spec
1.	Fanless System	OMNI-5155-BT
	1. Main Board	PBA-BT03 Ver. B0.1
	2. BIOS Ver.	05BTAM01
	3. CPU Type	INTEL Bay Trail-D.J1900.2GHz
	4. Chipset	Intel Bay Trail-D
	5. Wide Temp. Memory	Memphis 8GB.DDR3L-1600
	6. Wide Temp. HDD	100GB.SATA HDD.4200RPM,-30~85C.Toshiba.MQ01AAD010C
	7. Test Software	Windows 8 / Run PassMark BurnIn test 8.1 Pro
2.	Adapter:	FSP120-ABAN2

Photo



Random Vibration Operation Test

Test Date: 04-24-2017

Test Product: OMNI-5155-BT

Test Site: AAEON QA Dept.

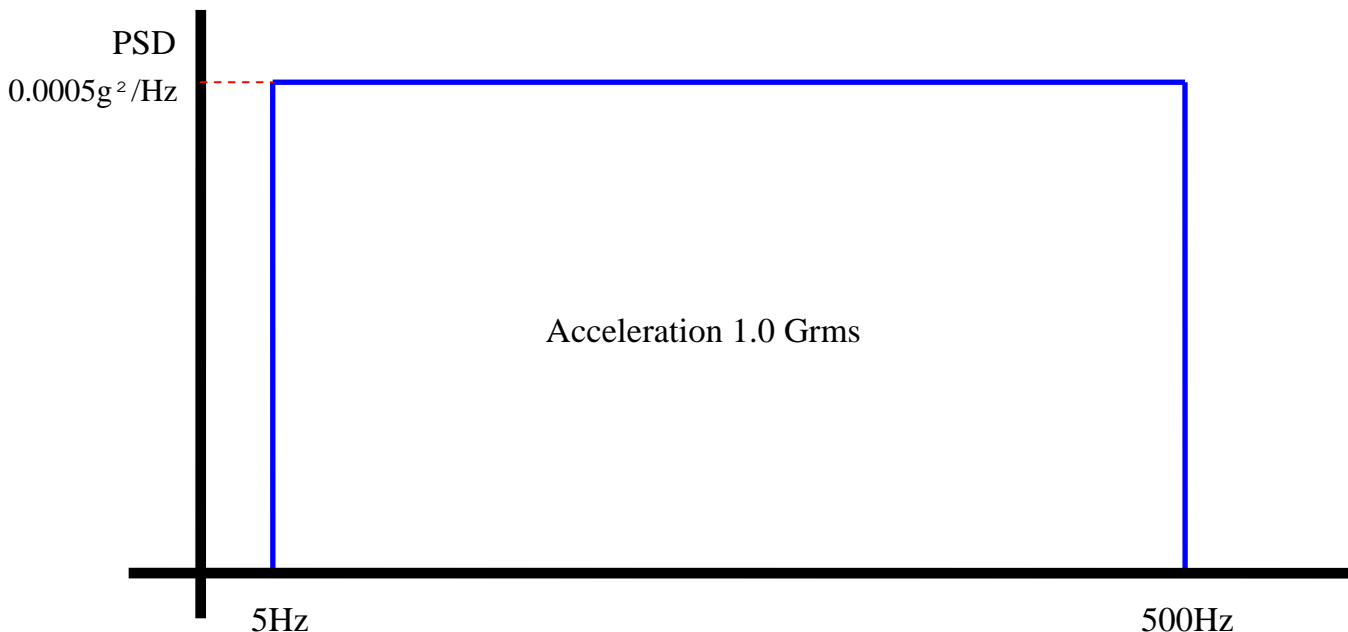
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

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 8 / Run PassMark BurnIn test 8.1 Pro.
7. Test Vibration Curve:



Test Result:

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