

# **AIOT-IVM01**

## **Vibration Test Report**

**Report NO: 17D030004**

<b>Issue date</b>	<b>QE Manager</b>	<b>Test Engineer</b>
<b>2017-01-25</b>	<b>KJ Wang</b>	<b>Ben Sun</b>

# Test item list

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## Test Configuration:

Num	Item	Spec
<b>1.</b>	<b>Fanless System</b>	AIOT-IVM01 A1.0
	1. Main Board	UP-CHT01 A0.3 + UP-3GHAT01 A0.2 + VEND-HAT01 A0.3
	2. BIOS Ver.	AIOT-IVM01 R0.2(ACH1AM02)
	3. CPU Type	Intel Atom x5-Z8350/1.44GHz
	4. OnboardMemory	Nanya NT5CC256M16DP-DI 2GB*2
	5. Onboard eMMC	eMMC. Kingston.EMMC32G-M525-A51. 32GB
	6. Test Software	Windows 10 / Run PassMark Burn In Test 8.1 Pro
<b>2.</b>	<b>Adapter:</b>	FSP060-DBAE1/ 12V, 5.0A (60W)

## System Photo



# Random Vibration Operation Test

**Test Date:** 01-24-2017

**Test Product:** AIOT-IVM01

**Test Site:** AAEON QA Dept.

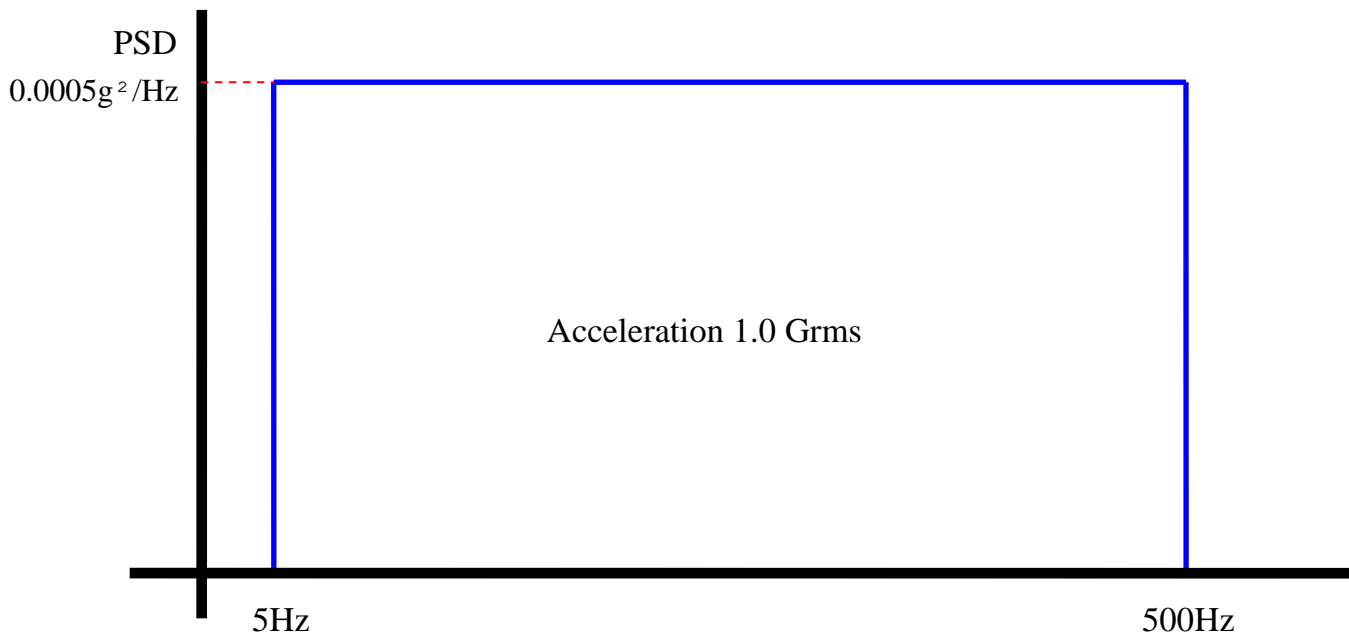
**Test Standard:** Reference IEC68-2-64 Testing procedures  
Test Fh: Vibration broad-band random test

**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 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.