

# AIOT-QM

With Micro SD Card

## Vibration Test Report

Report NO: 15D030009



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

2015-09-08

Approval

KJ Wang

Issued by

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

## Client:

Num	Item	Spec
1.	<b>System:</b>	<b>AIOT-QM</b>
	1. Main Board	AIOT- X1000 Rev. B0.4
	2. BIOS	GNU GRUB version 0.97
	3. CPU	Quark™ SoC X1021 400MHz
	4. Memory	On Board 1GB / DDR3 1600 / SAMSUNG.K4B4G0846D-BYK0
	5. SD Card:	MicroSDHC. Transcend.TS4GUSDC10 4GB
	6. Test Software:	Wind River Linux 5.0.1.19 / Run AAeon Burnintest.
2.	<b>Adapter</b>	FSP120-AAB 19V/6.32A 120W

## Host: Fusion V2

Num	Item	Spec
1.	<b>System:</b>	<b>Fusion V2</b>
	1. CPU	Intel Cedarview N2800 1.86GHz
	2. Memory	DSL 4GB / DDR3 1333 / Samsung.K4B2G0846
	3. Test Software	WinXP Run PuTTY Rev. 0.63

# Random Vibration Operation Test

**Test Date:** 09-08-2015

**Test Product:** AIOT-QM (with Micro SD Card)

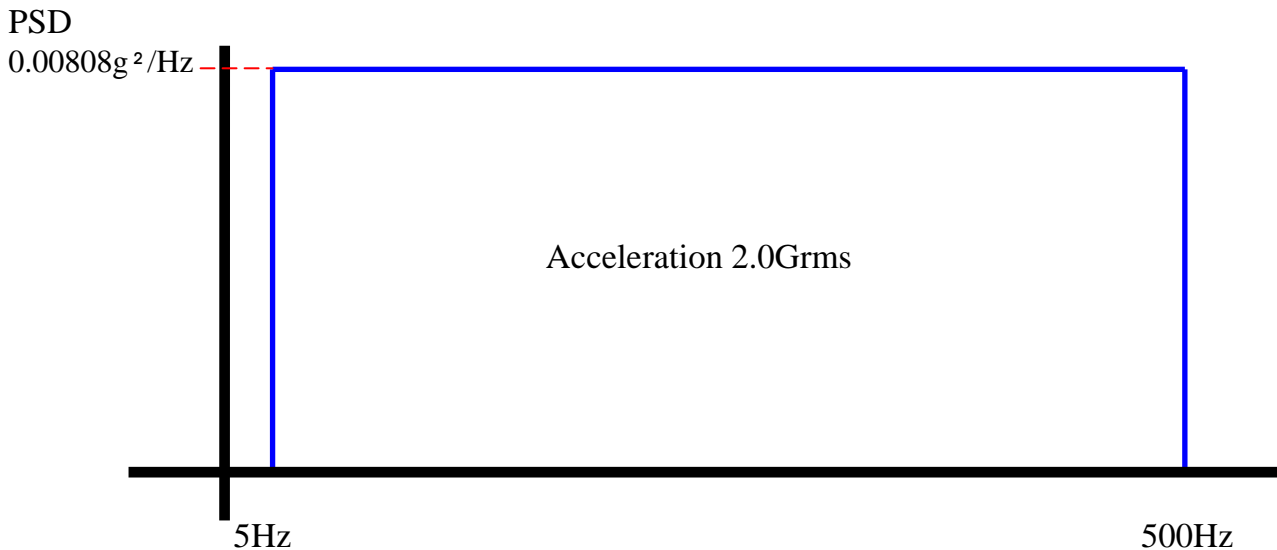
**Test Site:** AAEON QE Dept.

**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: 10/08/2014

**Test Condition:**

1. Operation
2. Test Acceleration: 2.0Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Client: WinXP Run PuTTY With Host: Wind River Linux 5.0.1.19 / Run AAEON Burnintest.
7. Test Vibration Curve:



**Test Result:**

The system structure doesn't deformation; Function was passed during system test