

# **FWS-2350**

## **Vibration Test Report**

**Report NO: 14I030019**

<b>Issued by:</b>	<b>Ben Sun</b> _____ <b>Engineer</b>	<b>/</b>	<b>07/31/2014</b> _____ <b>Date</b>
<b>Reviewed by:</b>	<b>Tom Lin</b> _____ <b>Sr. Manager</b>	<b>/</b>	<b>07/31/2014</b> _____ <b>Date</b>

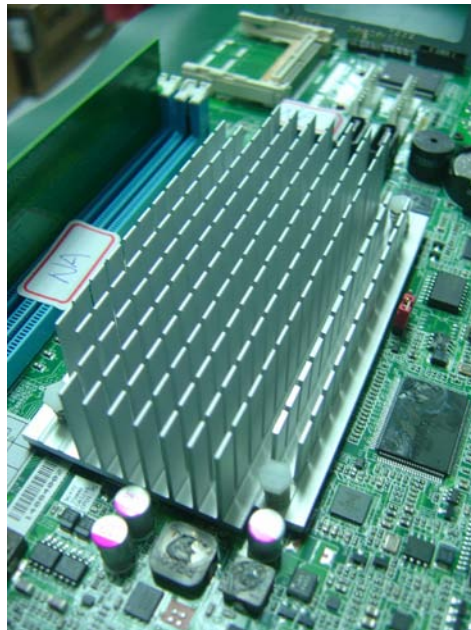
# Test item list

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

## Test Configuration:

Num	Item	Spec
<b>System:</b>		FWS-2350
1.	<b>Main Board:</b>	FWB-2350 A1.0
	1. BIOS:	FWS-2350 R0.5 (K235AM05) (07/08/2014)
	2. CPU	Intel Atom Processor C2558 2.4GHz
	4. Memory	Transcend DDR3-1600 8GB*2/ SEC K4B4G0846B
	5. 2.5" SATA HDD	TOSHIBA MK2576GSXZ 2.5" 250GB
	6. Test Software:	Windows 7 / Run one Microsoft media player with BurnIn test 7.1 Pro
2.	<b>Power Supply</b>	FSP060-DBAE1

### CPU Cooler



# Random Vibration Operation Test

**Test Date:** 30-07-2014

**Test Product:** FWS-2350

**Test Site:** AAEON QA Dept.

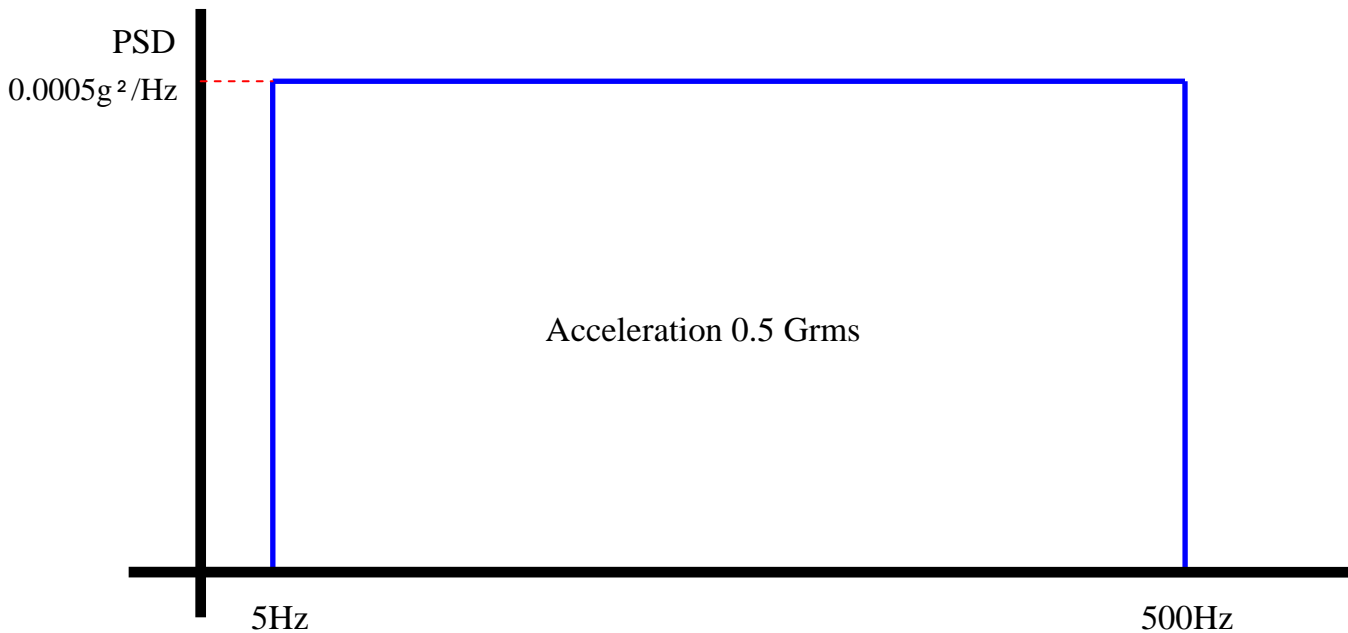
**Test Standard:** Reference IEC68-2-64 Testing procedures  
Test Fh: Vibration broad-band random test

**Test Equipment:**

Vibration Simulator System  
KING DESIGN Co. LTD.  
Model: KD 9363-EM-600F2K-40N20  
Serial Number: UU110099090  
Date of Calibration: 10/24/2013

**Test Condition:**

1. Operation
2. Test Acceleration: 0.5 Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 7 / Run one Microsoft media player with BurnIn test 7.1 Pro simultaneously.
7. Test Vibration Curve:



**Test Result:**

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

# Random Vibration Non-operation Test

**Test Date:** 31-07-2014

**Test Product:** FWS-2350

**Test Site:** AAEON QA Dept.

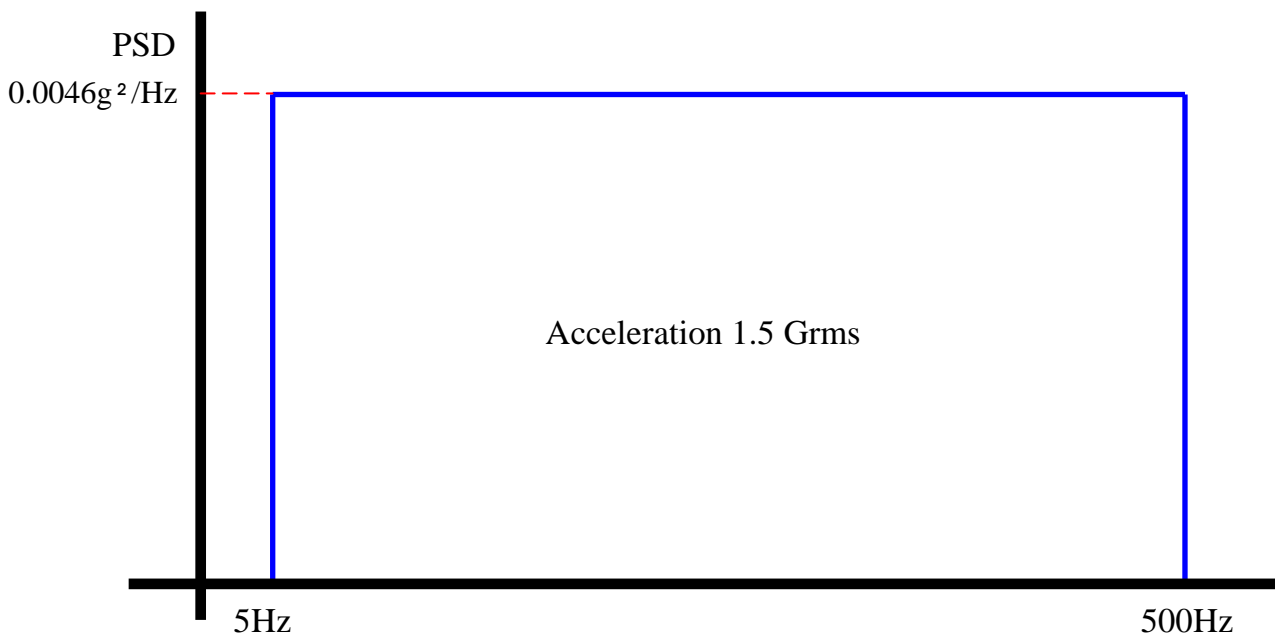
**Test Standard:** Reference IEC68-2-64 Testing procedures  
Test Fh: Vibration boardband random test

**Test Equipment:**

Vibration Simulator System  
KING DESIGN Co. LTD.  
Model: KD 9363-EM-600F2K-40N20  
Serial Number: UU110099090  
Date of Calibration: 10/24/2013

**Test Condition:**

1. Non-operation
2. Test Acceleration: 1.5 Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
7. Test Vibration Curve:



**Test Result:**

No structure deformation was found, and function was working normally after vibration test.