

# **FWS-2160**

## **Vibration Test Report**

**Report NO: 13I030013**

<b>Issued by:</b>	<b><i>Willy Shih</i></b>	<b>/</b>	<b><i>2013/07/31</i></b>
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	<b>Engineer</b>		<b>Date</b>
<b>Reviewed by:</b>	<b><i>Tom Lin</i></b>	<b>/</b>	<b><i>2013/07/31</i></b>
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	<b>Sr. Manager</b>		<b>Date</b>

## Test item list

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

### Testing Result

Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

# Random Vibration Operation Test

Num	Item	Spec
1	CPU	AMD G-T24L Processor 1.00GHz
2	CPU Board	FWS-2160
3	BIOS	FWS+2160 R0.3(K216AM03)(07/02/2013)
4	Chipset	AMD A50M
5	Memory	DSL DDR3 1333 4GB CL9 ELPIDA J2108BDBG-GN-F*2
6	HDD	WD WD2500BPVT 2.5" 5400rpm 250GB
7	Test Software	Windows 7 / Run PassMark Burn In Test 7.0 Pro
8	HDD Kit	As below pic.



# Random Vibration Operation Test

**Test Date:** 07-31-2013

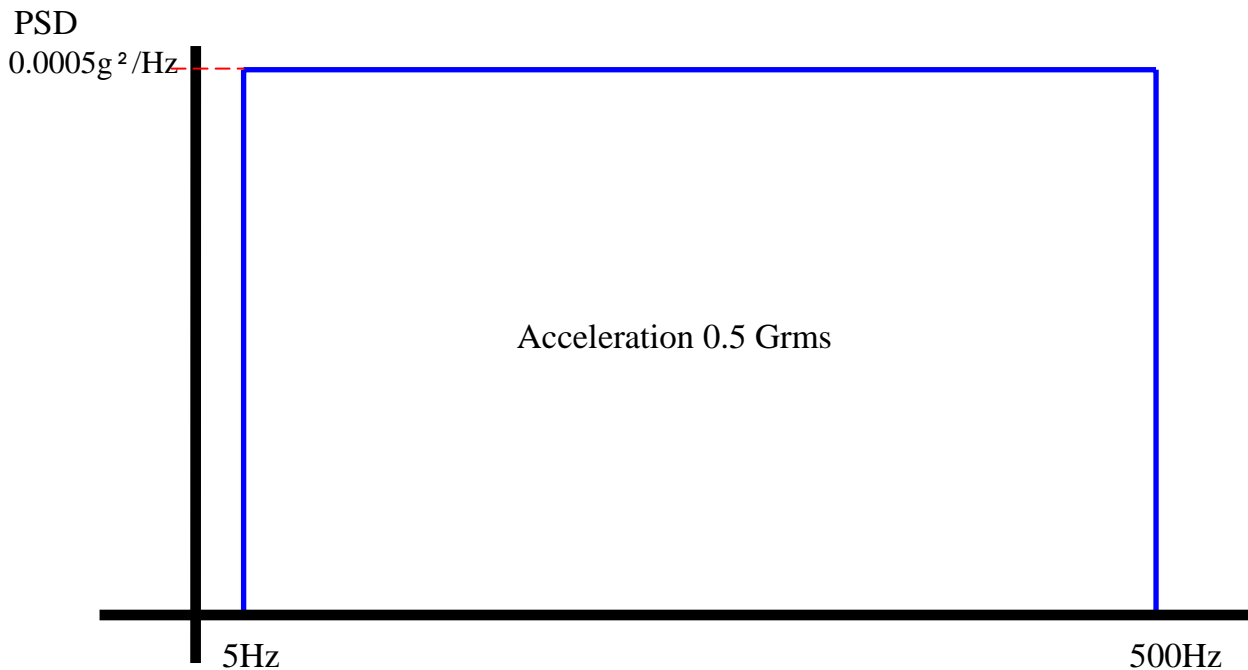
**Test Product:** FWS-2160

**Test Site:** AAEON QE 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: 10/21/2012

- Test Condition:**
1. Operation
  2. Test Acceleration: 0.5Grms 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 simultaneously.
  7. Test Vibration Curve:



**Test Result:**  
The system structure doesn't deformation; Function was passed during system test