

FWS-7520

Vibration Test Report

Report NO: 15I030019

Issued by:	Ben Sun _____ Engineer	/	11/16/2015 _____ Date
Reviewed by:	KJ Wang _____ Sr. Manager	/	11/16/2015 _____ Date

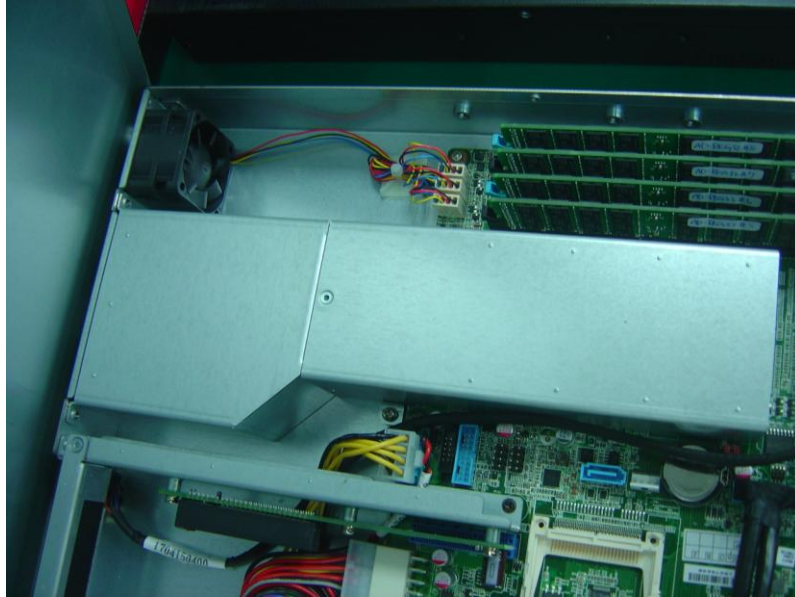
Test item list

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

Test Configuration:

Num	Item	Spec
System:		FWS-7520
1.	Main Board:	FWB-7520 A0.2
	1. BIOS:	R0.5 (K752AM05)
	2. CPU	Intel Boardwell-DE
	4. Memory	Adata DDR4-2133 32Gx36 (AD4R2133432G15-BSSB)*4
	5. 2.5" SATA HDD	Toshiba 320G*1
	6. Test Software:	Ubuntu 14.10 / Run iperf
	Module	NIM-S13A*3

CPU Cooler



Random Vibration Operation Test

Test Date: 11-10-2015

Test Product: FWS-7520

Test Site: AAEON QA Dept.

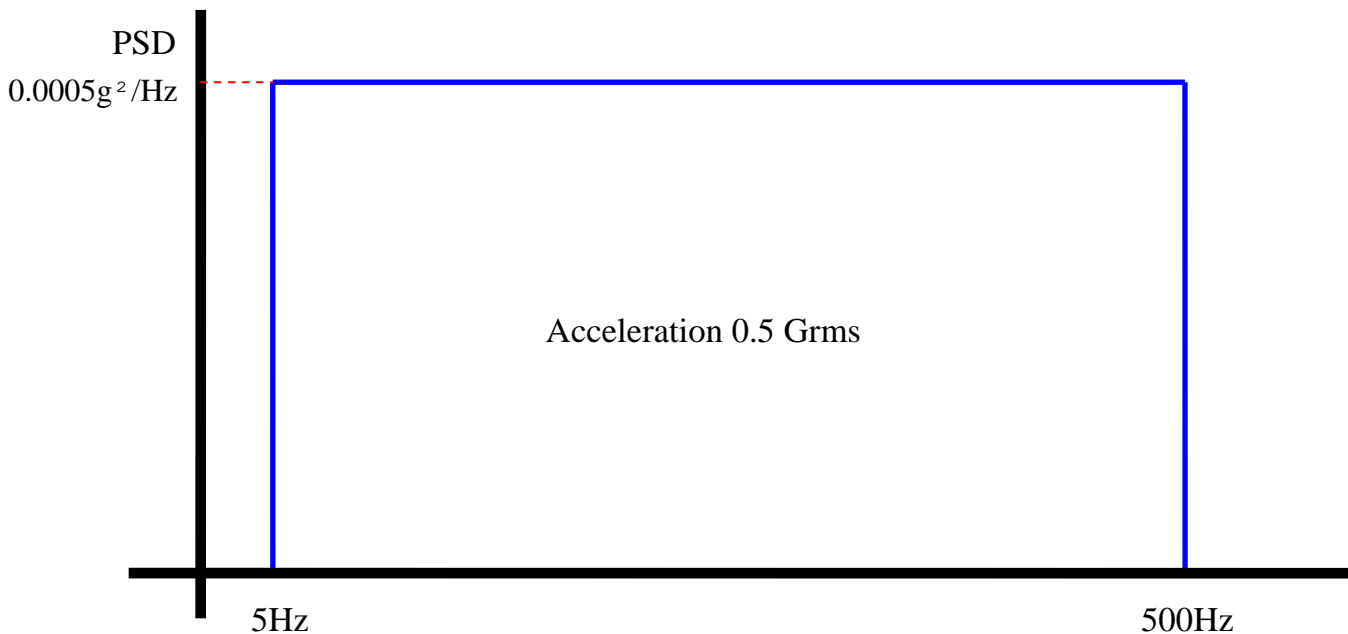
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/19/2015

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: Ubuntu 14.10 / iperf test.
7. Test Vibration Curve:



Test Result:

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

Random Vibration Non-operation Test

Test Date: 11-11-2015

Test Product: FWS-7520

Test Site: AAEON QA Dept.

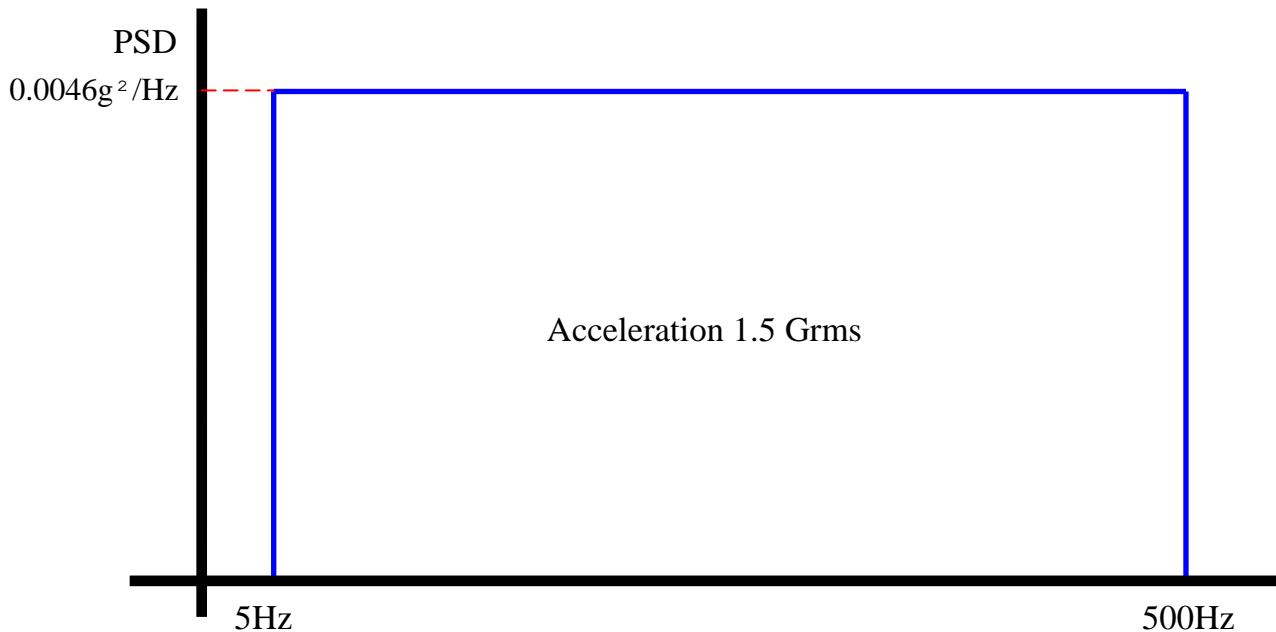
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/19/2015

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.