

FWS-7810

Vibration Test Report

Report NO:13I030030

Issued by:	Juno Cheng _____ Engineer	/	09/13/2013 _____ Date
Reviewed by:	Tom Lin _____ Sr. Manager	/	09/13/2013 _____ Date

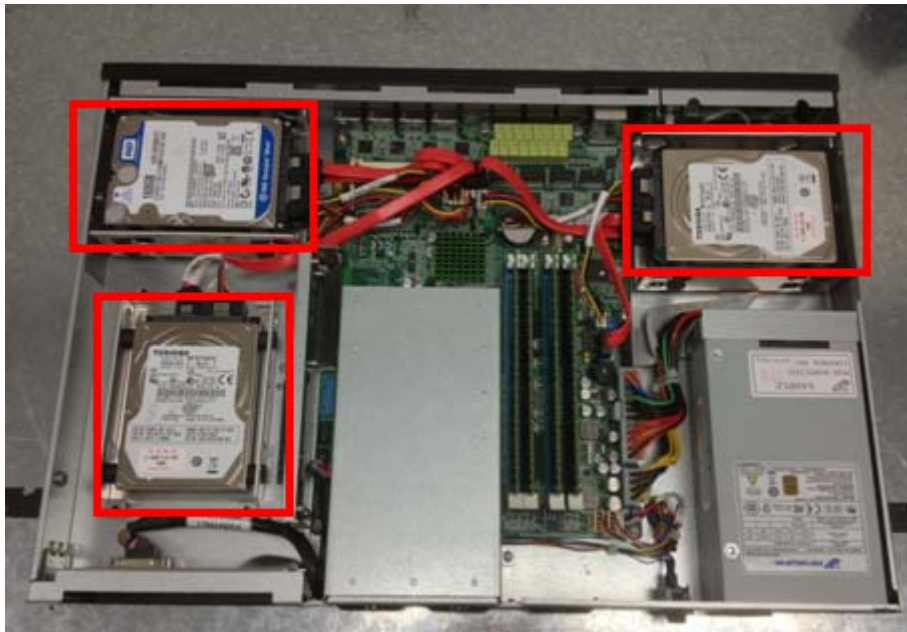
Test item list

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Test Configuration:

Num	Item	Spec
System:		FWS-7810
1.	Main Board:	FWB-7810 A1.0
	1. BIOS:	FWS-7810 R0.B (FW78ATOB) (08/03/2013)
	2. CPU	Intel Xeon CPU E3-1275 V3
	3. Memory	Transcend DDR3L-1600 8GB* 4/ SEC 234 K4B4G0846B
	4. Industrial 2.5" SATA SSD	Western Digital WD1600BEVT 2.5" 160GB *2 TOSHIBA MK3276GSX 2.5" 320GB *3
	6. Test Software:	Windows 7 / Run BurnIn test 7.0 Pro
2.	Power Supply	FSP250-50LC

HDD Kit



Random Vibration Operation Test

Test Date: 09-12-2013

Test Product: FWS-7810

Test Site: AAEON QA Dept.

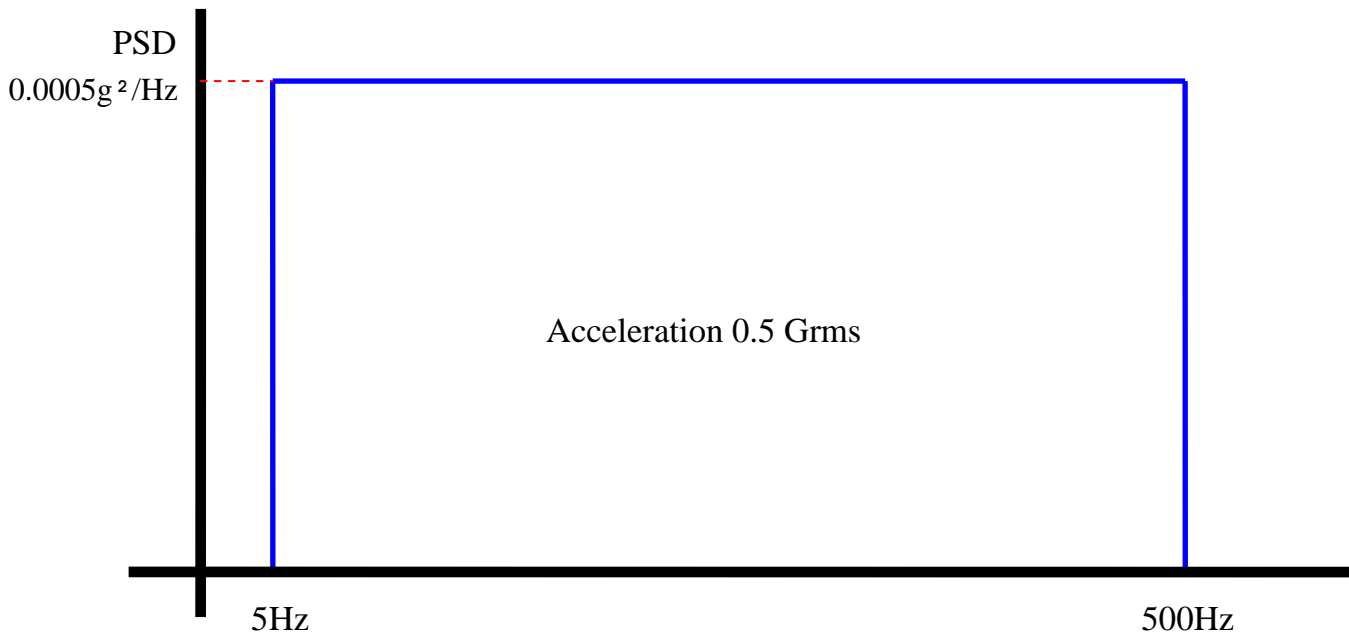
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/21/2012

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 7.0 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: 09-13-2013

Test Product: FWS-7810

Test Site: AAEON QA Dept.

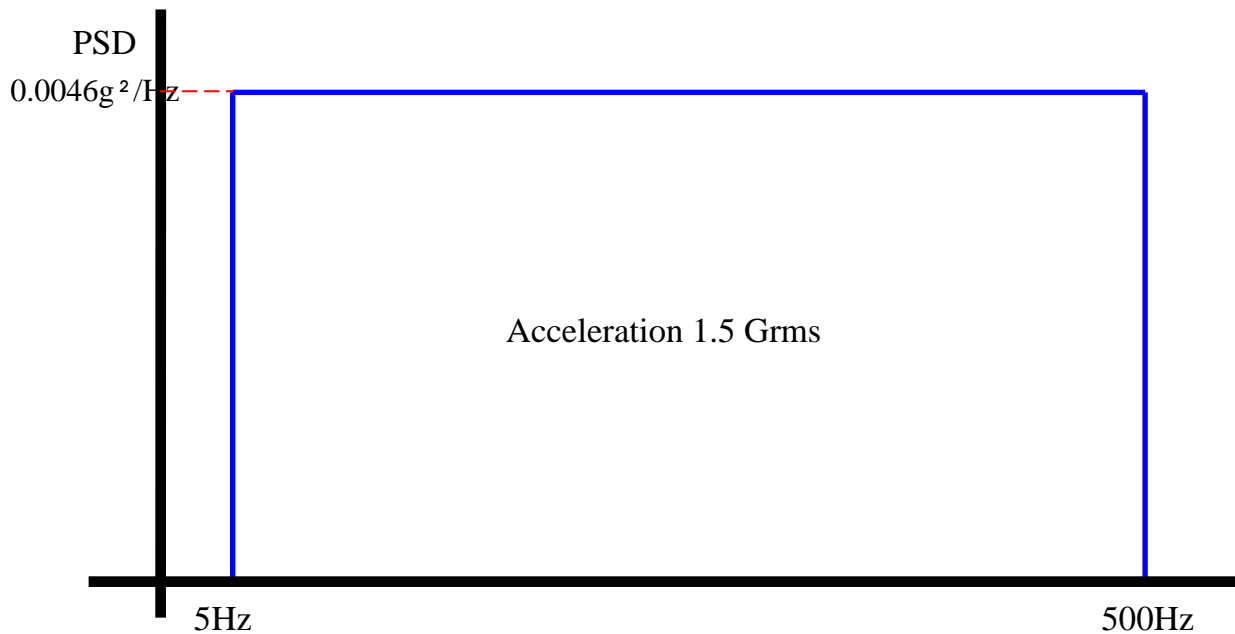
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/21/2012

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.