

FWS-7811

Vibration Test Report

Report NO: 14I030002

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|---------------------|--|---|------------------------------------|
| Issued by: | Juno Cheng _____ Engineer | / | 03/21/2014 _____ Date |
| Reviewed by: | Tom Lin _____ Sr. Manager | / | 03/21/2014 _____ Date |

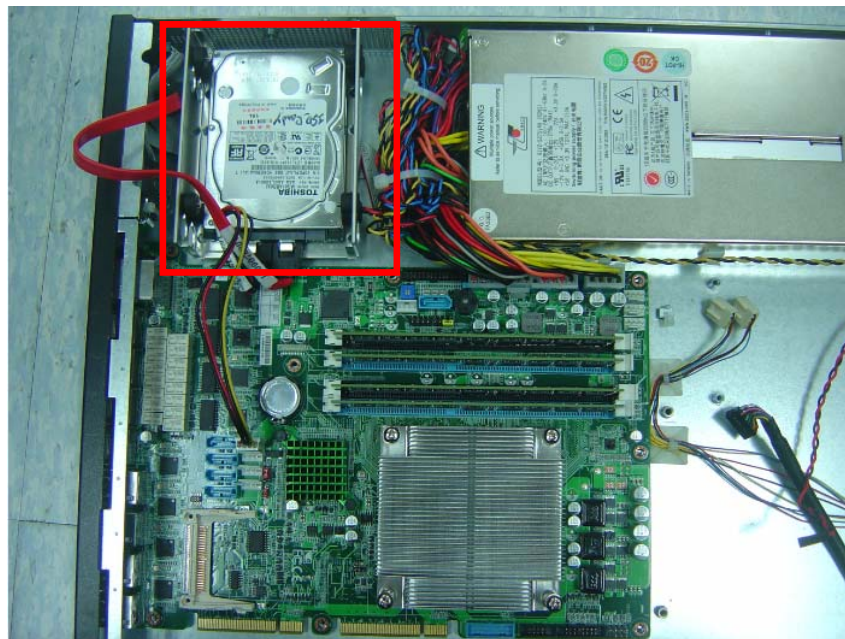
Test item list

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Test Configuration:

| Num | Item | Spec |
|----------------|-----------------------------|---|
| System: | | FWS-7811 A1.0 |
| 1. | Main Board: | FWB-7811 A0.1 |
| | 1. BIOS: | FWS-7811 R1.0 (K781AM10) (02/22/2014) |
| | 2. CPU | Intel Xeon CPU E3-1275 V3 3.20 GHz |
| | 3. Memory | ADATA DDR3L 1600 8GX18 ECC-DIMM ADDE1600W8G11-BMIE *4 (3LE77 D9QBJ) |
| | 4. Industrial 2.5" SATA SSD | Western Digital WD1600BEVT 2.5" 160GB *2 TOSHIBA MK3276GSX 2.5" 320GB *3 |
| | 5. CFD | PQI 32MB (for Dos Mode power on/off test only) |
| | 6. 2.5" SATA HDD | TOSHIBA MQ01ABD032 320GB |
| | 7. Test Software: | Windows 7 / Run BurnIn test 7.1 Pro |
| 2. | Power Supply | EMACS R1V2-5275V4H(ZIPPY) |

HDD Kit



Random Vibration Operation Test

Test Date: 03-21-2014

Test Product: FWS-7811

Test Site: AAEON QA Dept.

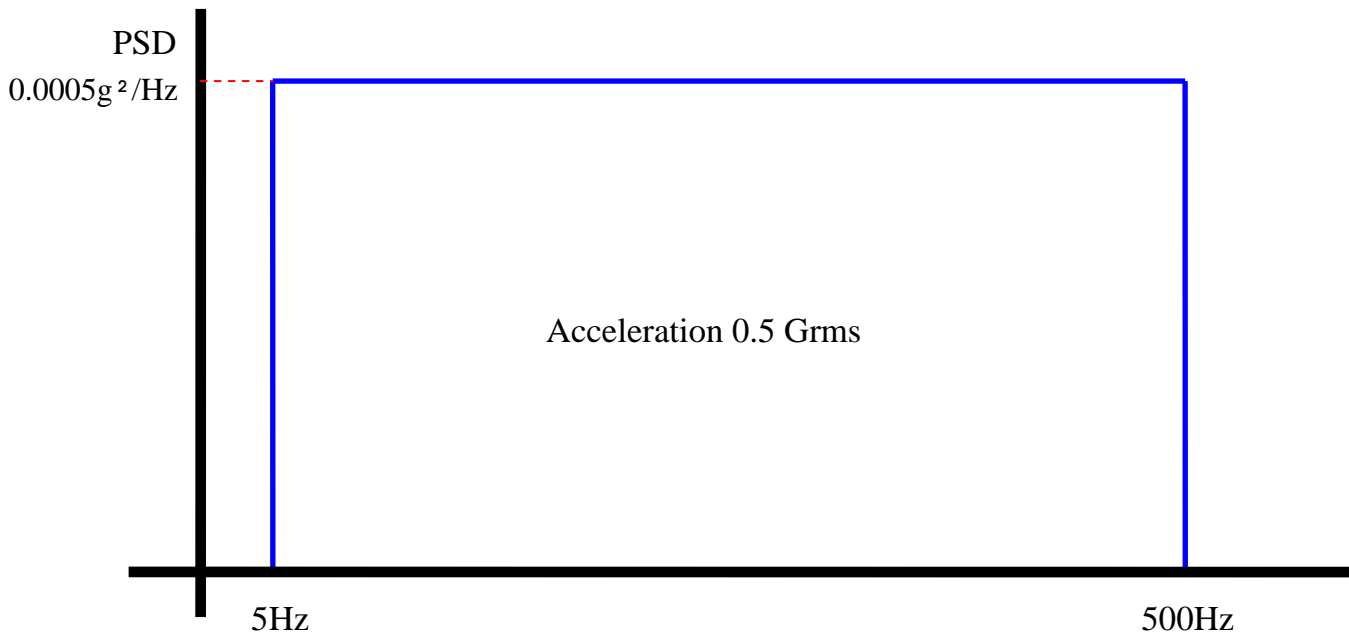
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/21/2013

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 7.0 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: 03-20-2014

Test Product: FWS-7811

Test Site: AAEON QA Dept.

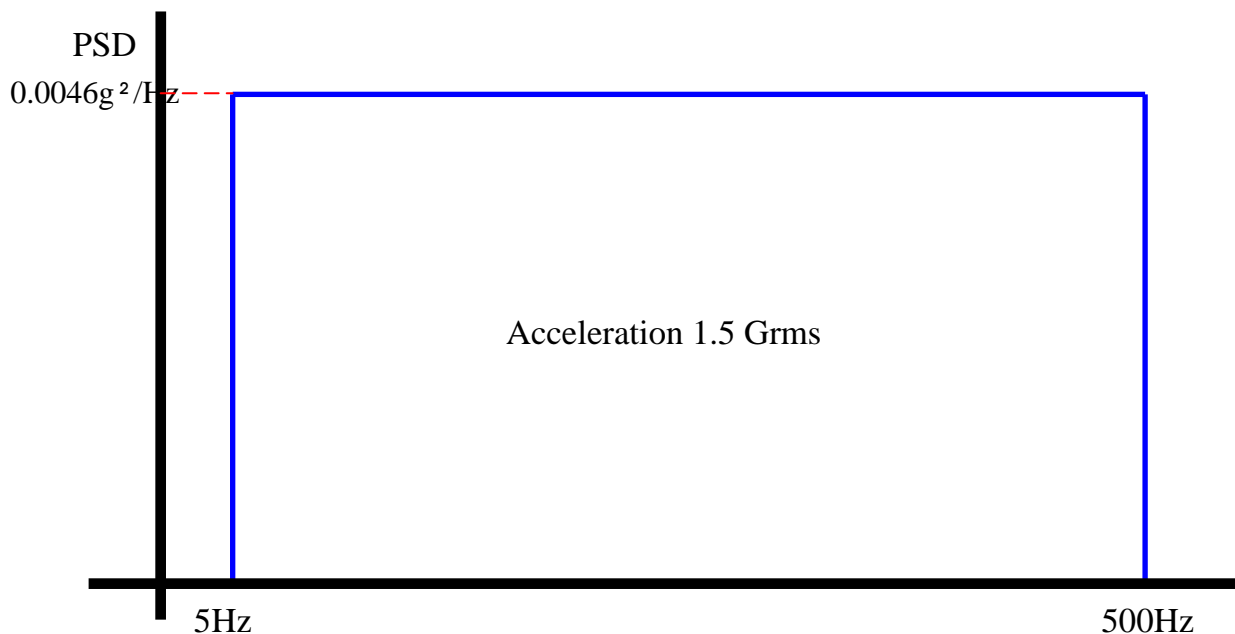
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

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.