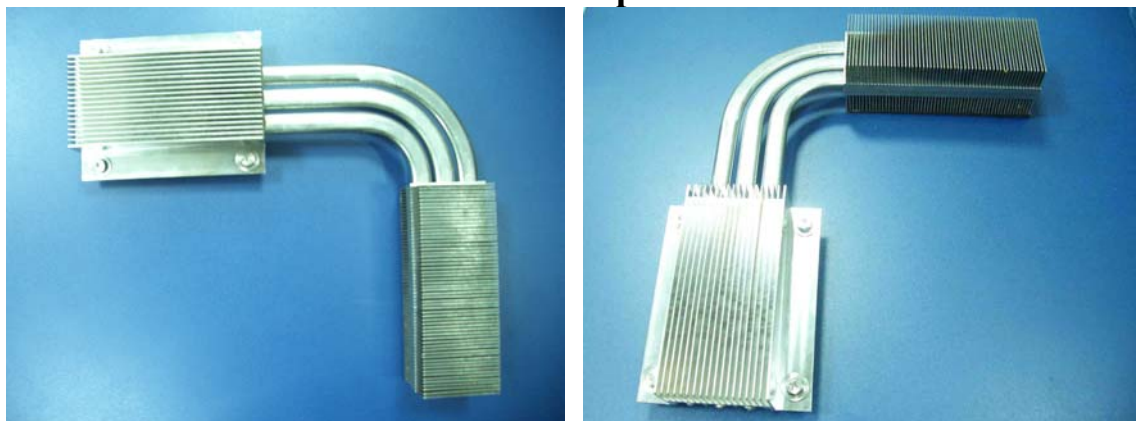


- | | |
|--|---|
| 1. Test item list ----- | 2 |
| 2. Random Vibration Operation Test ----- | 3 |
| 3. Random Vibration Non-Operation Test ----- | 4 |

Test Configuration:

Num	Item	Spec
1.	8 Port 1U Firewall:	FWS-816
2.	Main Board	AAEON FWB-816 A0.1
	1. BIOS	FWS-816 BIOS Rev Test
	2. CPU	Intel Pentium 4 3.8GHz /LGA775
	3. Chipset	Intel 945G + Intel 82801GR (ICH7R)
	4. VGA	Integrated VGA on Intel 945G
	5. Ethernet	GigaBit Ethernet Chipset.Intel.PC82573L *6 Ethernet 10/100BaseT.Intel.LU82551ER*2
	6. Memory	Kingston DDR2-667 SDRAM 1G*2 (Hynix HY5PS12821B FP-Y5)
3.	SATA HDD	Seagate ST3120827AS 120GB
4.	Power Supply	Zippy P1A6301P ATX Power 300W

Heat Pipe



Random Vibration Operation Test

Test Date: 11-30-2006

Test Product: FWS-816 (FWB-816)

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

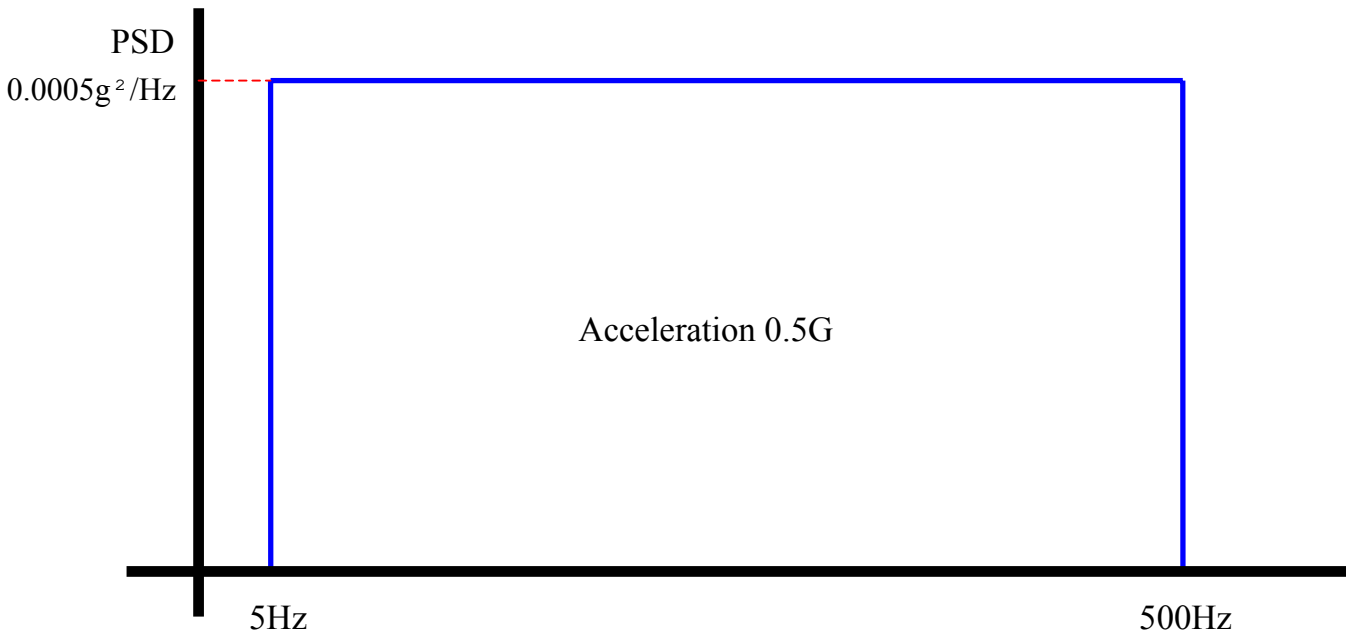
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/17/2006

Test Condition:

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



Test Result:

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

Test Date: 12-01-2006

Test Product: FWS-816 (FWB-816)

Test Site: AAEON QA Internal Lab. -

Performed By: Rex Chang

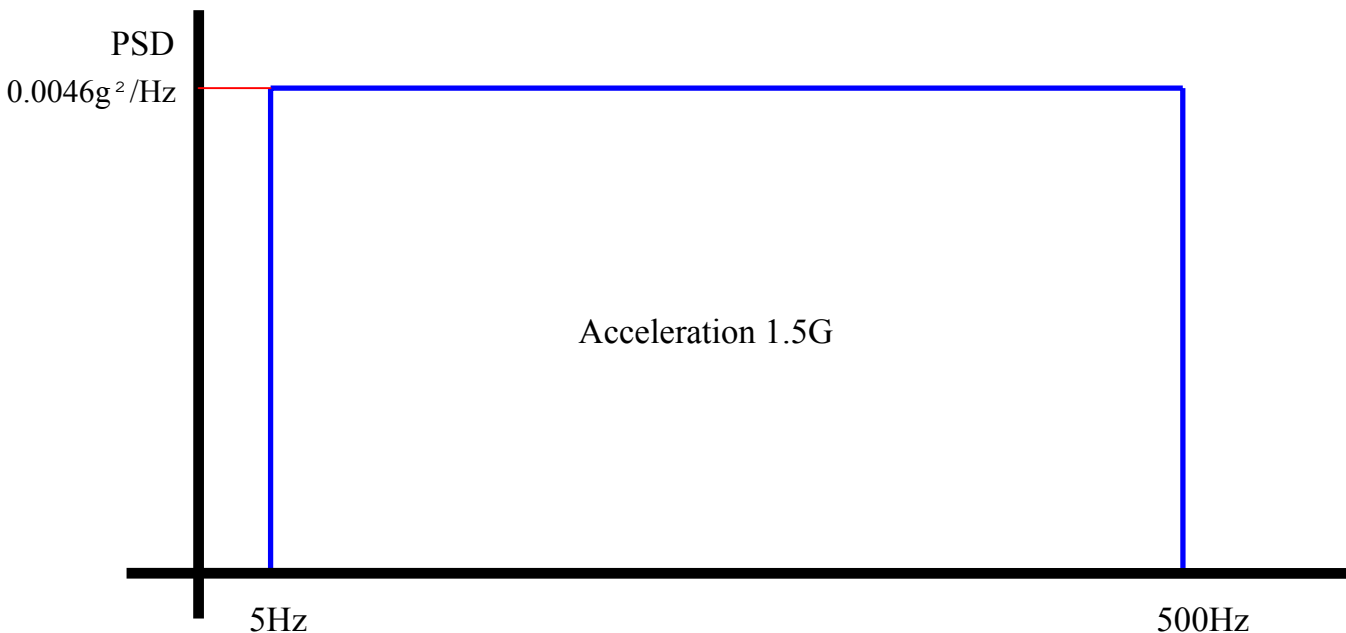
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/17/2006

Test Condition:

1. Non - Operation
2. Test Acceleration: 1.5G Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axis
5. Test Time: 60min each axis
6. Test Software: Windows 2000 / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

No problem was found after the random vibration non-operation test.