



Industrial Computing Platform Partner

ARC-615M (FWB-880)

1U Rack Mounting Chassis

Vibration Test Report

Report NO: 07I030016

Issued by: Rex Chang / 11/08/2007
Engineer

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Manager

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Test Configuration:

Num	Item	Spec
1.	1U Chassis:	ARC-615M
2.	Main Board	AAEON FWB-880 A1.0
	1. BIOS	FWB-880/FWS-825 BIOS Rev 1.1
	2. CPU	Intel Pentium 4 / 3.8GHz /LGA775
	3. Chipset	Intel 945G + Intel 82801FB (ICH7R)
	4. VGA	Integrated VGA on Intel 945G
	5. Memory	512MB / DDR2 667 / ELPIDA E5108AG-6E-E * 2
3.	HDD	Seagate ST380815AS / 80GB Seagate ST3160811AS / 160GB
4.	Power Supply	Zippy P1H-6400P ATX Power

Random Vibration Operation Test

Test Date: 11-07-2007

Test Product: ARC-615M (FWB-880)

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

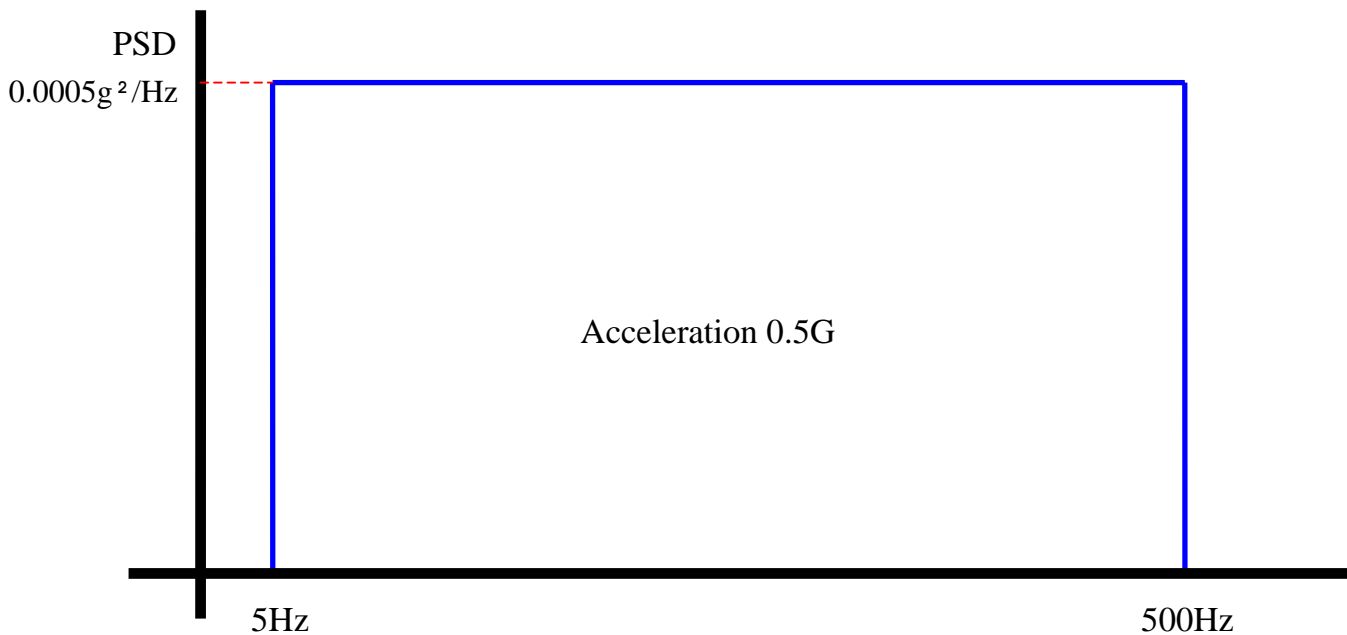
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/19/2007

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: 11-08-2007

Test Product: ARC-615M (FWB-880)

Test Site: AAEON QA Internal Lab. -

Performed By: Rex Chang

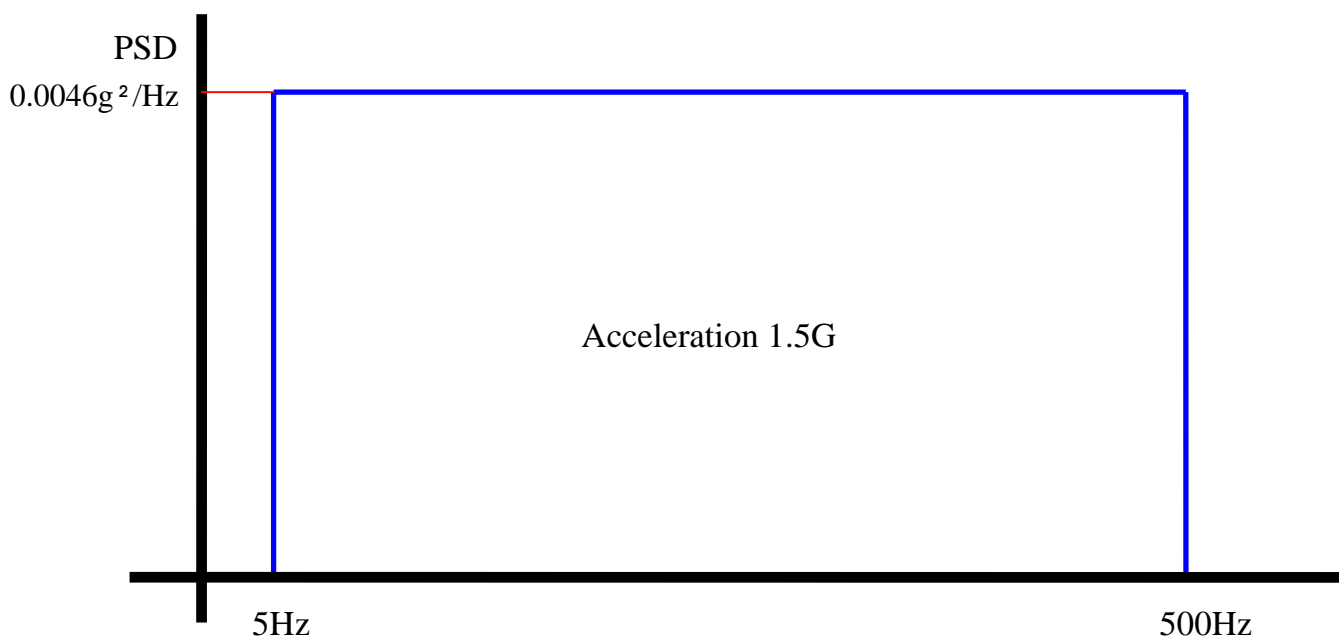
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/19/2007

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 XP / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

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