

ARC-620 (SBC-860 A1.2)

Vibration Test Report

Report NO: 04I030001

Issued by:	Rex Chang _____ Engineer	/	08/05/2004 _____
Reviewed by:	Wenyuan Yang _____ Manger	/	08/05/2004 _____

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

Test Configuration:

Num	Item	Spec
1.	Chassis:	ARC-620 / 2U Rack Mounting Chassis
	1. ATX Power	Seventeam ST-302HLP 300W
	2. HDD	Western Digital WD1200BB-00FTA 120GB
	3. CD-ROM	TEAC CD-524EA
	3. FDD	TEAC HD235HF
	4. Backplane	BP-206VG-P4 REV:..A1.0
2.	CPU Board:	SBC-860 Rev: A1.2
	1. Bios Ver.	SBC-860 BIOS Rev 1.2 (04/14/2004)
	2. CPU	Pentium 4 / 2.4GHz
	3. Memory	Kingston D328DL-60 512MB (DDR-266)

CPU Cooler :



ARC-620 (SBC-860 Rev: A1.2)

Test Date: 07-23-2004

Test Product: ARC-620 (SBC-860 Rev: A1.2)

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

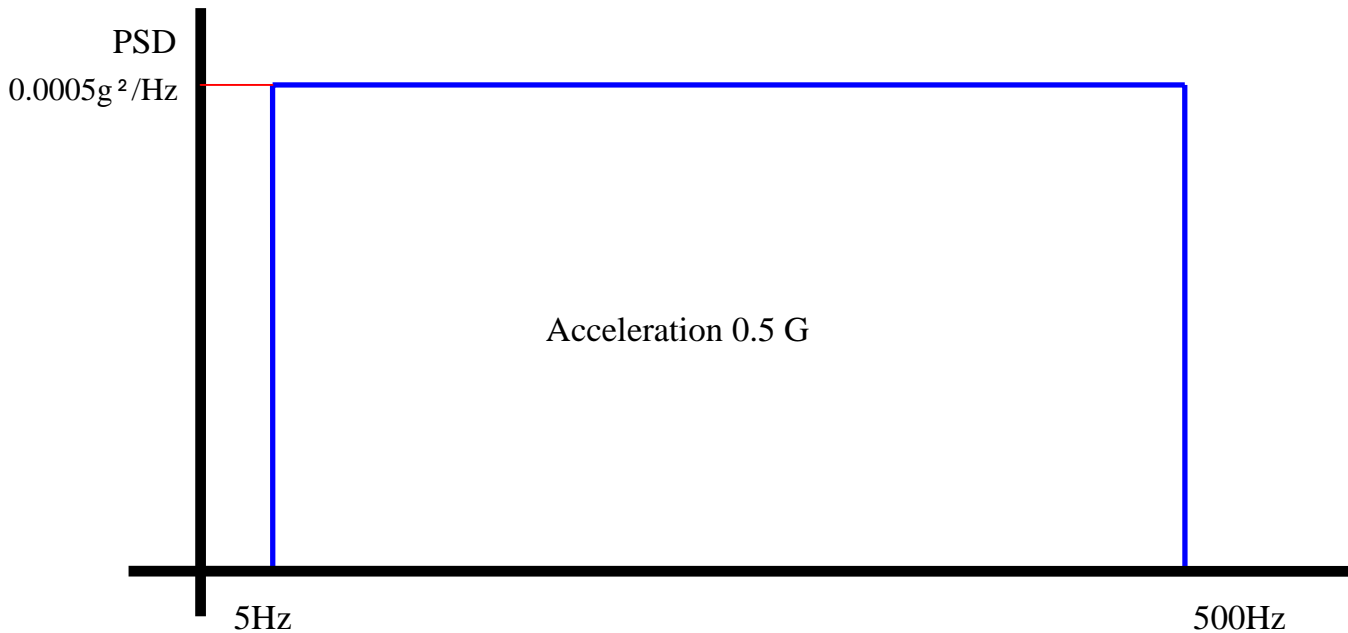
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/27/2003

Test Condition:

1. Operation
2. Test Acceleration: 0.5 G Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60 min each axis
6. Test Software: Windows 2000 / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

The system structure doesn't deformation; Function is OK during system test.

ARC-620 (SBC-860 Rev: A1.2)

Test Date: 08-06-2004

Test Product: ARC-620 (SBC-860 Rev: A1.2)

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

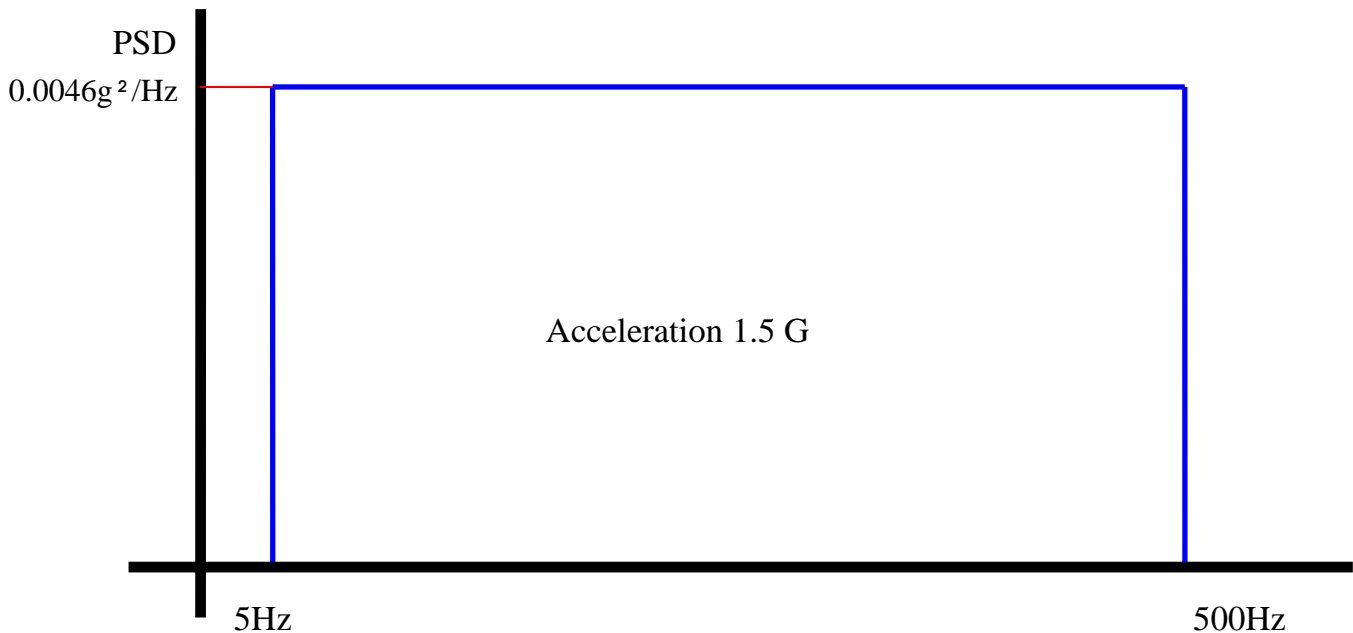
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/27/2003

Test Condition:

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



Test Result:

The system structure doesn't have any deformation; All functions are OK after random vibration test.