

AMC-280 (SBC-860 A1.2)

Vibration Test Report

Report NO: 04I030002

Issued by:	Rex Chang _____ Engineer	/	08/31/2004 _____
Reviewed by:	Wenyuan Yang _____ Manger	/	08/31/2004 _____

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2. Random Vibration Operation Test -----	3
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Test Configuration:

Num	Item	Spec
1.	Control Box:	AMC- 280 / 8 Slot Wall Mounting Chassis
	1. Main Board	AAEON SBC-860 Rev. A1.2 (BIOS: 1.2)
	2. CPU	Intel Pentium (R) 4 / 2.4 GHz (133x8.0)
	3. Memory	512MB Kingston D328DL-60 (DDR 266)
	4. Power Supply	Seventeam ST-402HLP 400W (ATX)
	5. HDD	Western Digital WD1200JB-00FUA0 120GB (ATA-100)
	6. CD-ROM	ASUS CD-S400/A
	7. FDD	TEAC FD-235HF
	8. Backplane	BP-208SG-P4 REV:..A1.0

CPU Cooler



AMC-280 (SBC--860 Rev: A1.2)

Test Date: 08-303-2004

Test Product: AMC-280 (SBC-860 Rev: A1.2)

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

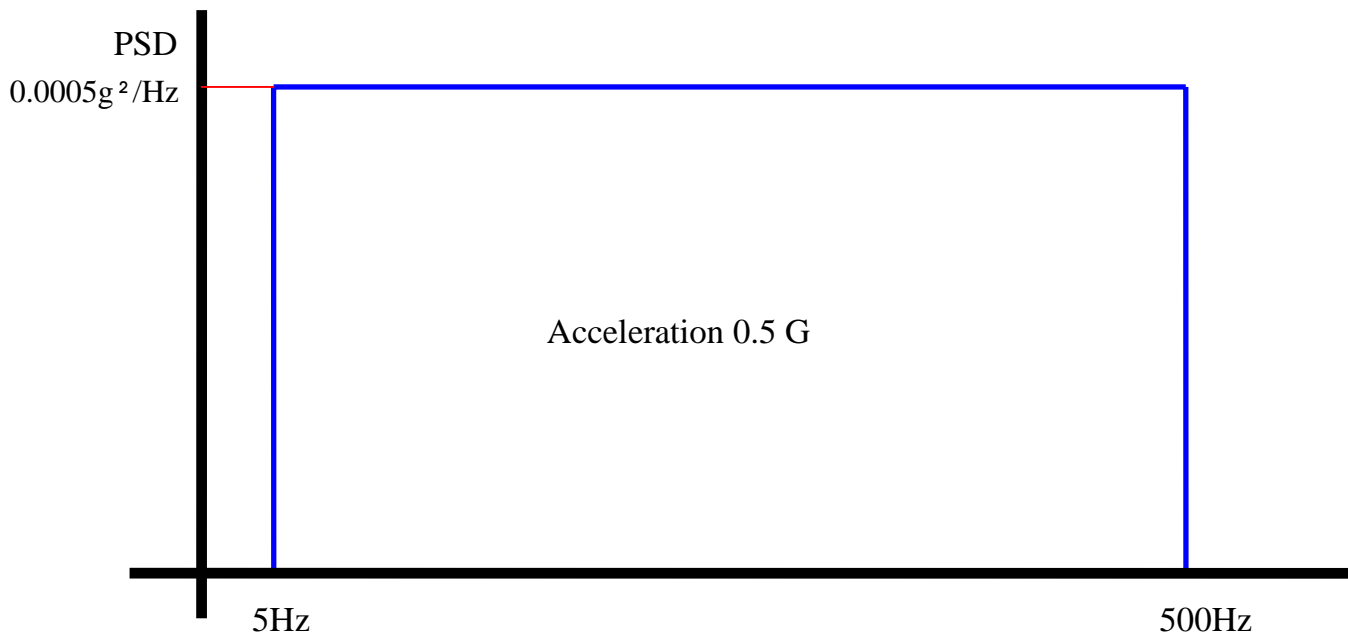
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

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: 60min each axis
6. Test Software: Windows 2000 / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:

**Test Result:**

The frames are not smooth under playing VCD, if the system doesn't play VCD, the system works well.

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Test Date: 08-30~31-2004

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Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

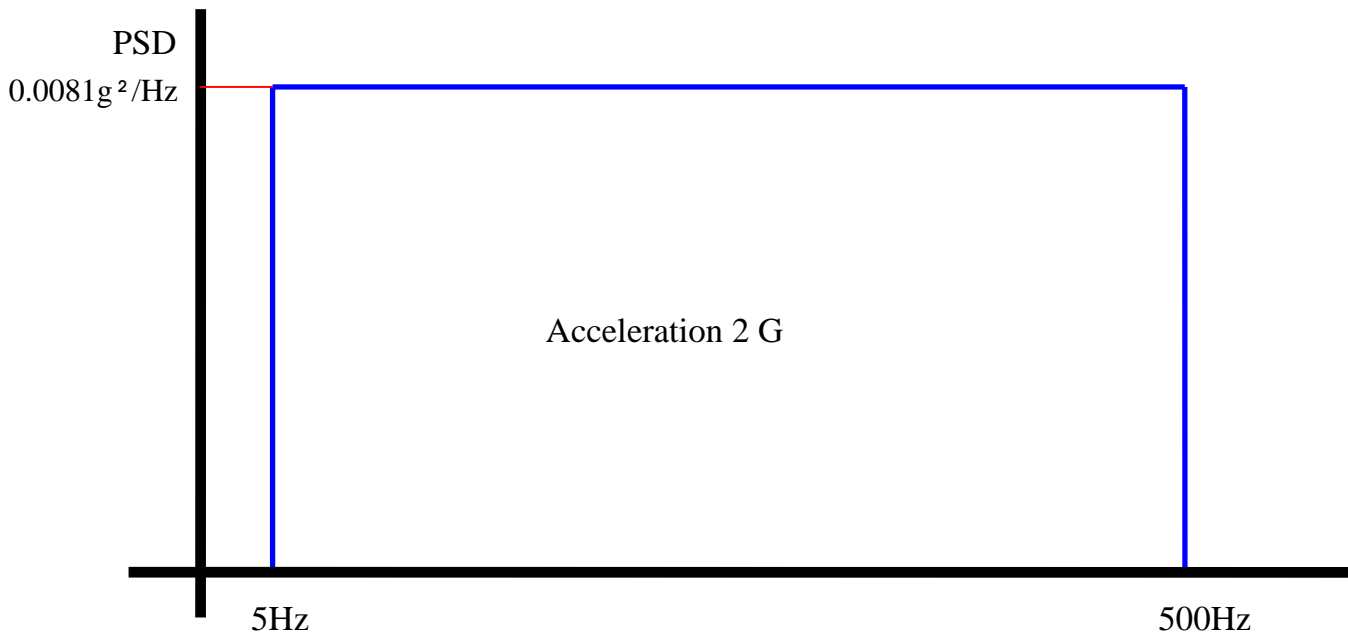
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Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/27/2003

Test Condition:

1. Non - Operation
2. Test Acceleration: 2G Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min 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.