

**AEC-6646B**  
With 2.5" SATA HDD  
**Vibration Test Report**

Report NO: 13P030044

Issued by:	<u>Jerry Chen</u>	/	<u>2013/11/18</u>
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	Sr. Manager		Date

## Test item list

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2. *Random Vibration Operation Test* ----- 4

### Testing Result

Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

# Configuration of EUT

Num	Item	Spec
1.	System Model	AEC-6646B A1.0
2.	CPU Board / Version	EMB-H61B A1.0
3.	BIOS / Version	AEC-6646B R1.0(6646BM10)(08/05/2013)
4.	CPU Type	Intel Core i3-3220 3.30GHz
5.	Chipset	Intel H61
7.	Memory Type	Transcend DDR3-1600 8GB (SEC 316 XYKO K4B4G0846B)*2
8.	HDD	TOSHIBA 2.5" SATA HDD / 100GB (MK1060GSC)
9.	Power Supply	DC Adapter : FSP (FSP084-DMAA1) 12V 7.0A
10.	Test Software	Windows 7 / Run one Microsoft media player simultaneously.

## System Picture



# Random Vibration Operation Test

**Test Date:** 11-14-2013

**Test Product:** AEC-6646B

**Test Site:** AAeon QE Dept.

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

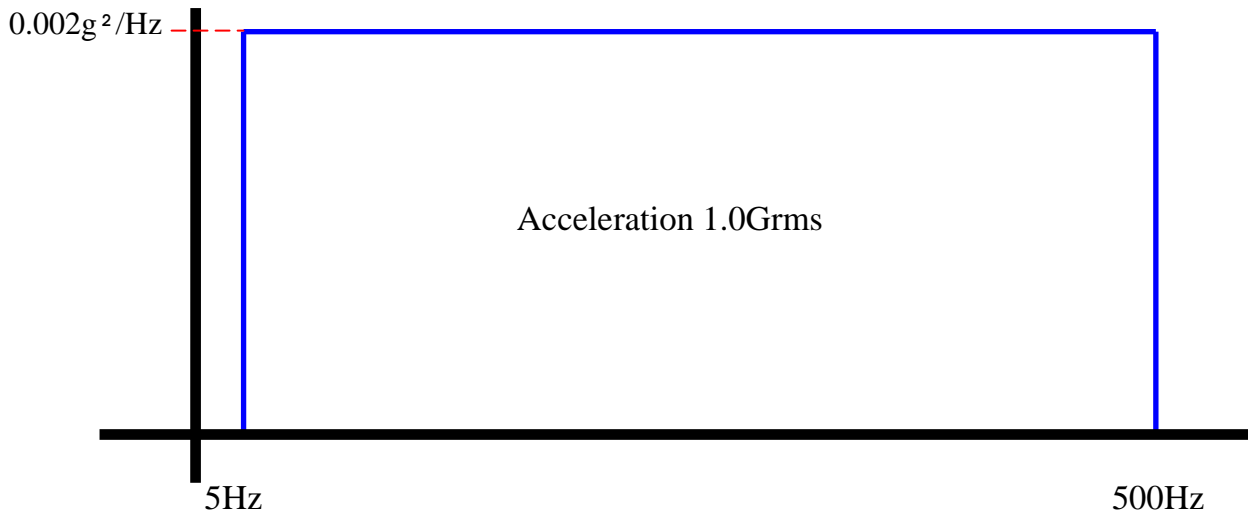
**Test Equipment:**

Vibration Simulator System  
KING DESIGN Co. LTD.  
Model: KD 9363-EM-600F2K-40N20  
Serial Number: UU110099090  
Date of Calibration: 10/08/2013

**Test Condition:**

1. Operation
2. Test Acceleration: 1.0Grms 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 simultaneously.
7. Test Vibration Curve:

PSD



**Test Result:**

The system structure doesn't deformation; Function was passed during system test