

# **AEC-6523**

With 2.5" SATA HDD

## **Vibration Test Report**

**Report NO: 13P030035**

<b>Issued by:</b>	<u><i>Jerry Chen</i></u>	<i>/</i>	<u><i>2013/10/03</i></u>
	<b>Engineer</b>		<b>Date</b>
<b>Reviewed by:</b>	<u><i>Tom Lin</i></u>	<i>/</i>	<u><i>2013/10/03</i></u>
	<b>Sr. Manager</b>		<b>Date</b>

## Test item list

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1. *Test item list* ----- 3
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.	<b>System:</b>	AEC-6523 A1.0
	1. Main Board	GENE-CV05 A1.0 (BIOS Ver: AEC-6523 R0.1) (6523AM01)
	2. CPU	Intel Atom Processor N2600 / 1.60GHz
	3. Chipset	North Bridge ( Intel NM10 ) South Bridge ( Intel NM10 )
	4. Memory	Transcend DDR3 1333 (2GB) / SEC K4B2G0846D
	5. 2.5" SATA HDD	Toshiba / 2.5" SATA 100G / MK1060GSC
	6. Power Supply	FSP060-DBAE1
	7. Test Software	Windows 7 / Run one Microsoft media player simultaneously.

## System Picture



## HDD Kit



# Random Vibration Operation Test

**Test Date:** 10-02-2013

**Test Product:** AEC-6523

**Test Site:** AAEON QE Dept.

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

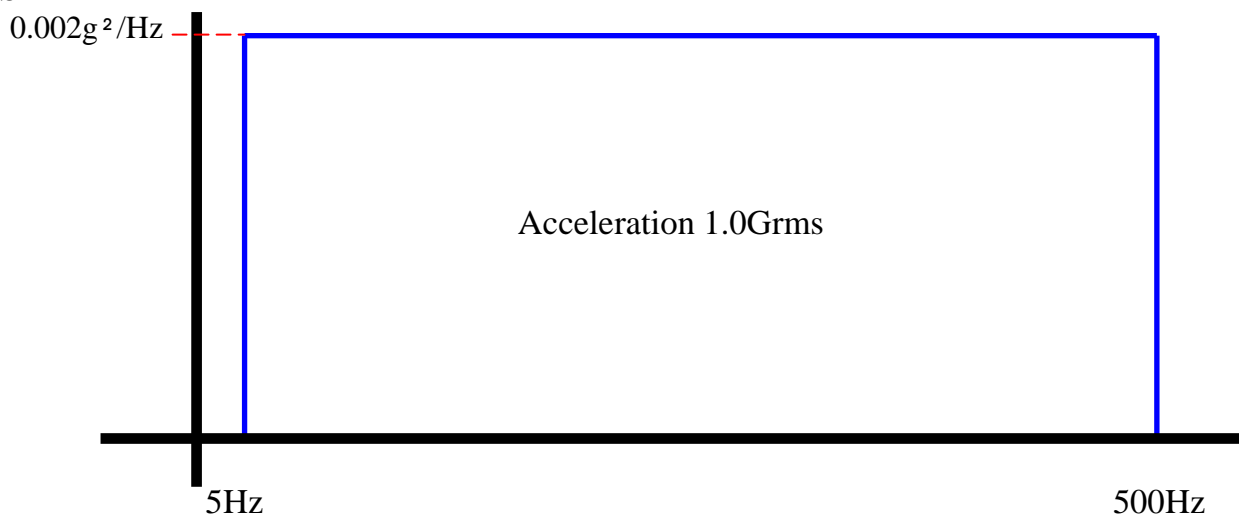
**Test Equipment:**

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

**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