

# **ACP-5212**

With 2.5" SATA HDD

## **Vibration Test Report**

**Report NO: 11P030016**

<b>Issued by:</b>	<b>Rex Chang</b> _____ Engineer	/	<b>03/11/2011</b> _____ Date
<b>Reviewed by:</b>	<b>Jansin Lee</b> _____ Sr. Manager	/	<b>03/11/2011</b> _____ Date

# Test item list

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## Testing Result

Num	Test item list	Result	Remark
1	5~500Hz / 1.0Grms Random Vibration Operation Test	Pass	

# Configuration of EUT

Num	Item	Spec
1.	Fanless Touch Panel	ACP-5212
	1. LCD	21.5" AUO M215HW01
	2. Inverter	SAMPO YIVLAS0698D21
	3. Main Board	AAEON GENE-LN05 Rev. A1.0
	4. BIOS Ver	ACP-5212 0.40 x64
	5. CPU	Intel Atom D510 / 1.66GHz
	6. Memory	DSL 2GB * 1 / DDR2 667 / SEC K411G084QE
	7. Industrial SATA HDD	Seagate ST980817SM / 80GB
	8. Test Software	Windows 7 / Run PassMark Burn In Test 6.0 Pro
2.	AC Adapter	MAGIC POWER MPE-CG70-12

## HDD Kit



# Random Vibration Operation Test

**Test Date:** 03-11-2011

**Test Product:** ACP-5212

**Test Site:** AAEON QE Internal Lab.

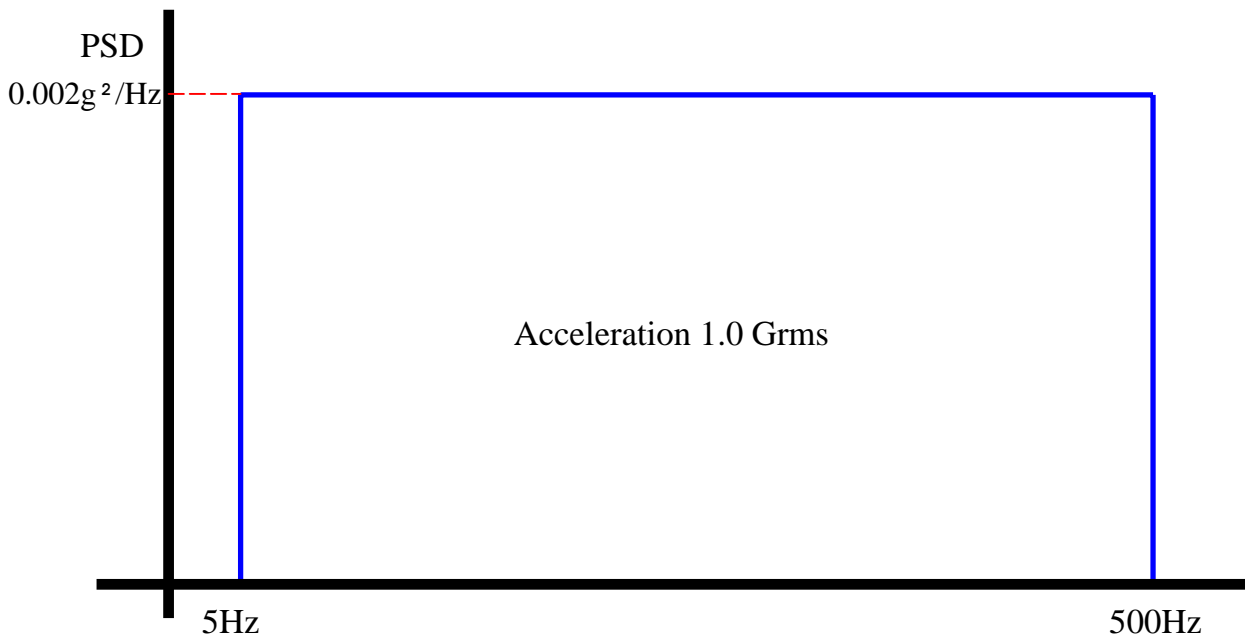
**Test Standard:** Reference IEC68-2-64 Testing procedures  
Test Fh: Vibration boardband random test

**Test Equipment:**

Vibration Simulator System  
KING DESIGN Co. LTD.  
Model: KD 9363-EM-600F2K-40N20  
Serial Number: UU110099090  
Date of Calibration: 10/19/2010

**Test Condition:**

1. Operation
2. Test Acceleration: 1.0 Grms 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:**

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