

ACP-5185

With 2.5" SATA HDD

Vibration Test Report

Report NO: 11P030026

Issued by:	Rex Chang	/	06/24/2011
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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-5185
	1. LCD	18.5".AUO.G185XW01 V0 1366*768 300nits
	2. Main Board	AAEON EPIC-QM57 Rev. A1.0 (BIOS Ver: ACP-5185 0.1)
	3. CPU	Intel Core i5 520M / 2.4GHz
	4. Memory	DSL 2GB * 1 / DDR3 / SEC K4B1G0846D
	5. Industrial SATA HDD	TOSHIBA MK1060GSC / 100GB
	6. I/O Board	PER-T189 A1.0
	7. Inverter	Sampo YIVLAA0730D21
	8. Test Software	Windows 7 / Run one Microsoft media player simultaneously
2.	Adapter	FSP FSP084-DMAA1

HDD Kit



Random Vibration Operation Test

Test Date: 06-22~23-2011

Test Product: ACP-5185

Test Site: AAEON QE Internal Lab.

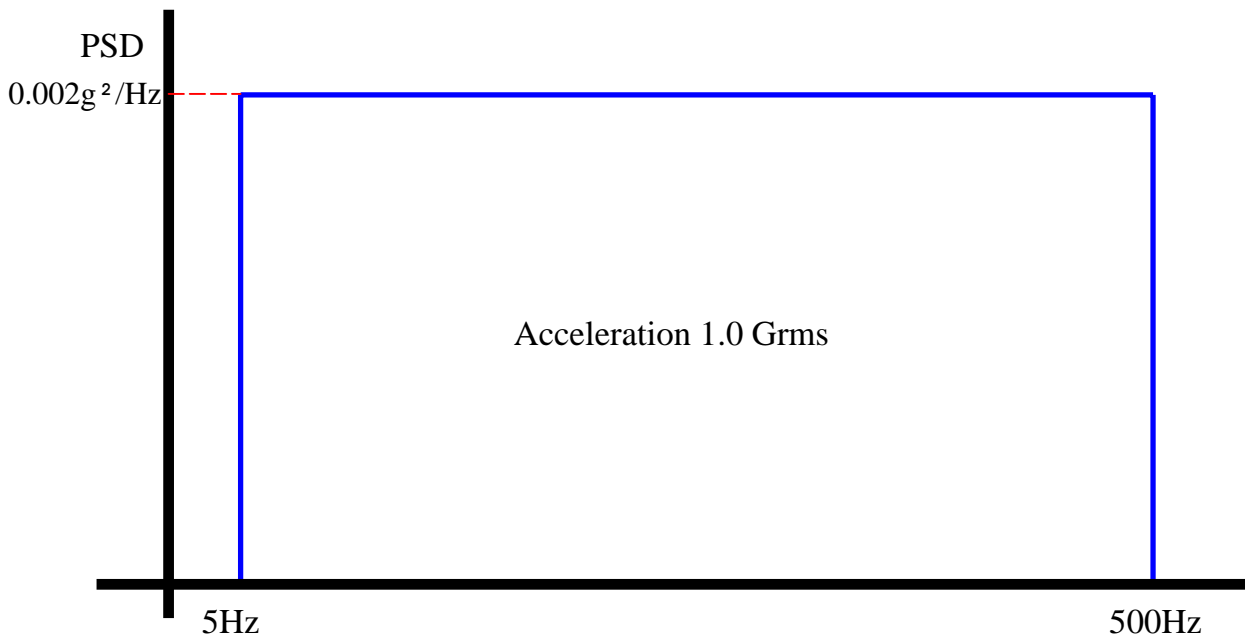
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

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.