

ACP-5215

Vibration Test Report

Report NO: 11P030074

Issued by:	<u>Clement Chien</u>	/	<u>2011/12/22</u>
	Engineer		Date
Reviewed by:	<u>Jansin Lee</u>	/	<u>2011/12/22</u>
	Sr. Manager		Date

Test item list

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.	Fanless Touch Panel	ACP-5215
	1. LCD	21.5".AUO.G185XW01 V0 1366*768 300nits
	2. Main Board	AAEON EPIC-QM57 Rev. A1.0 (BIOS Ver: ACP-5215 0.0)
	3. CPU	Intel Core i7 620M / 2.66GHz
	4. Memory	DSL 4GB * 1 / DDR3 1066
	5. Industrial SATA HDD	TOSHIBA MK1665GSX / 160GB
	6. I/O Board	PER-T189 A1.0
	7. Inverter	Sampo YPWBGL2941DG

Random Vibration Operation Test

Test Date: 12-22-2011

Test Product: ACP-5215

Test Site: AAEON Internal Lab.

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

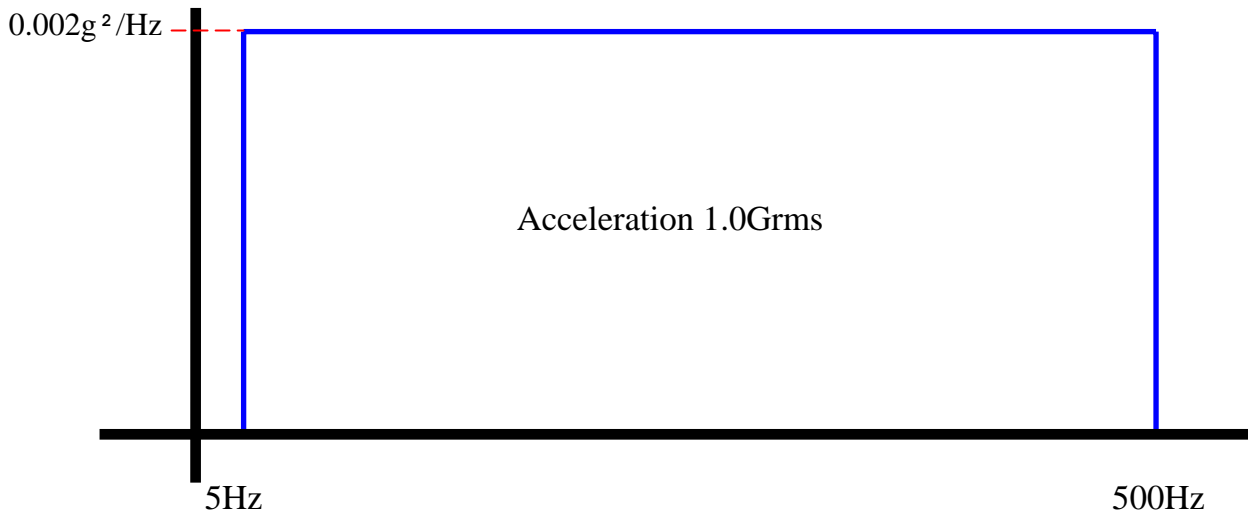
Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/11/2011

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