

FOX-12D

(MITSUBISHI 1000nit LCD)

Vibration Test Report

Report NO: 11P030073

Issued by:	<u>Rex Chang</u>	/	<u>2011/12/19</u>
	Engineer		Date
Reviewed by:	<u>Jansin Lee</u>	/	<u>2011/12/19</u>
	Sr. Manager		Date

Test item list

1. *Test item list* ----- 3
2. *Random Vibration Operation Test* ----- 4

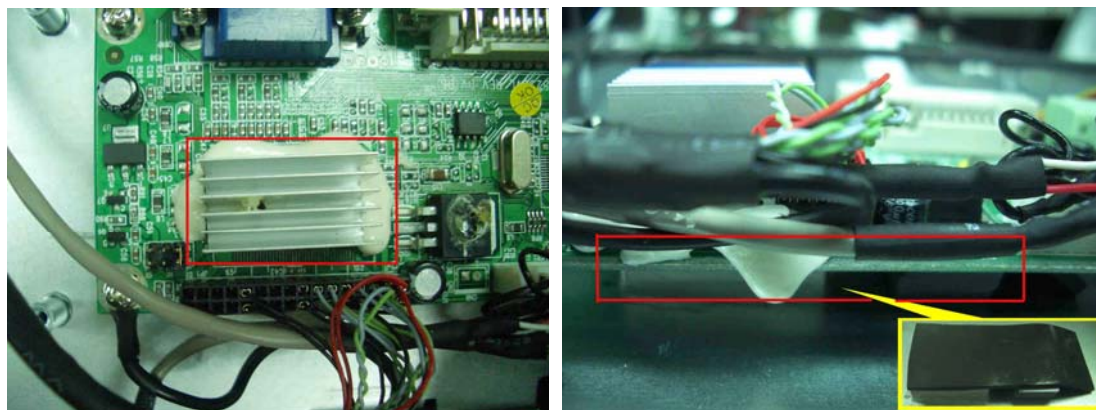
Testing Result

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

Configuration of EUT

Num	Item	Spec
1.	12.1" Touch Display	FOX-12D
	1. LED Bonding Touch Panel	12.1" MITSUBISHI Twinwill EE010001200C0R
	2. A/D Board	RGBTECH.S2555L-011
	3. Touch Screen Control Board	eGalax ETP-S5000CEGG-02
	4. Driver Board	PER-T188.Rev.A1.0
	5. Power Board	PER-P21D A0.1
2.	AC Adapter	SINPRO MPU100-108
3.	Equipment	GES-5500F
	1. Main Board	IMBI-QM57 Rev A1.0 (Intel Core i5-520M / 2.4GHz)
	2. BIOS Ver.	GES-5500F BIOS Rev0.4 11/23/2010 16:38:37
	3. Test Software	Win 7 / Run one Microsoft media player simultaneously

Heat Sink and Thermal Pad



Random Vibration Operation Test

Test Date: 12-19-2011

Test Product: FOX-12D

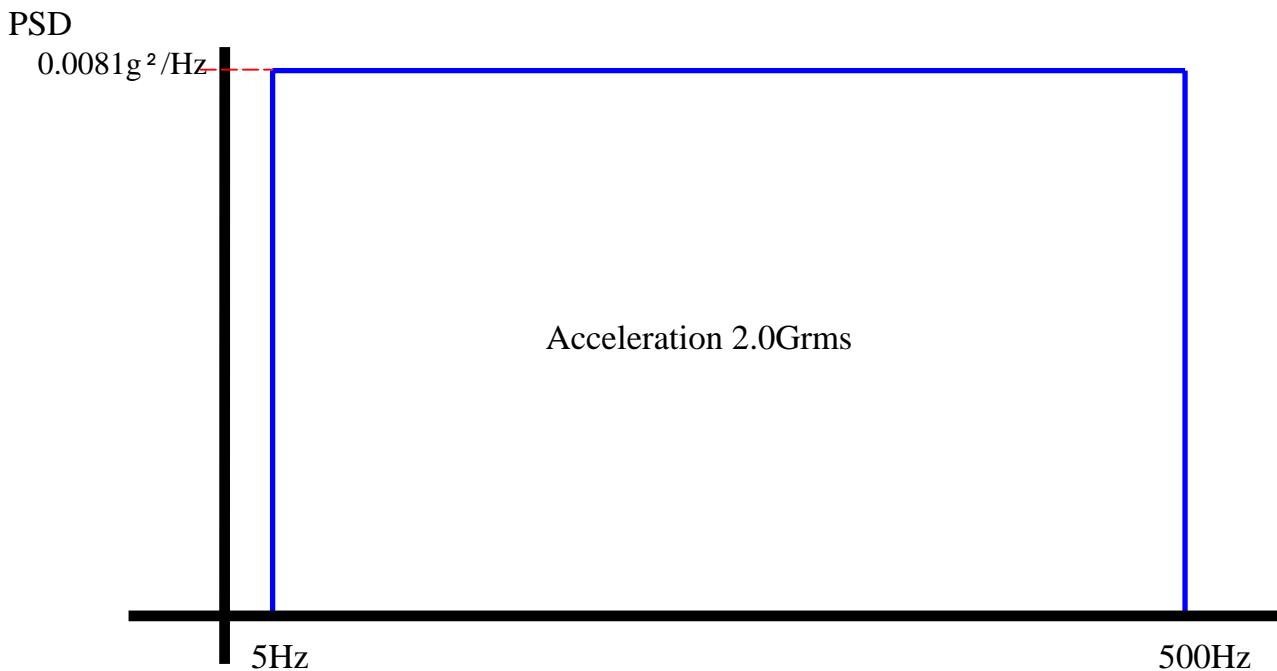
Test Site: AAEON QE Dept.

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: 10/11/2011

Test Condition:

1. Operation
2. Test Acceleration: 2.0Grms 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:



Test Result:

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