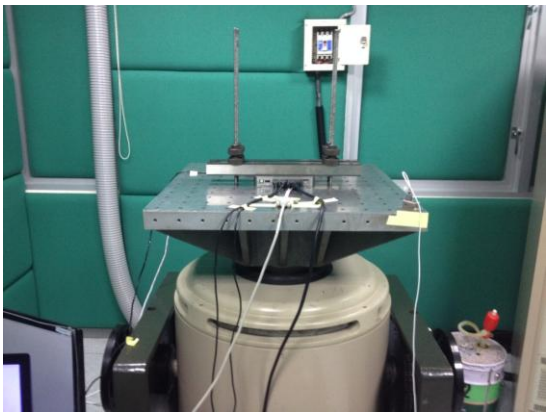
BOXER-6421

With Micro SD

Vibration Test Report

Report NO: 16P030022



Issued by:	***Jerry Chen***	**/**	***2016/08/24***
	Engineer		**Date**
Reviewed by:	***KJ Wang***	**/**	***2016/08/24***
	Sr. Manager		**Date**

Test item list

Testing Result

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

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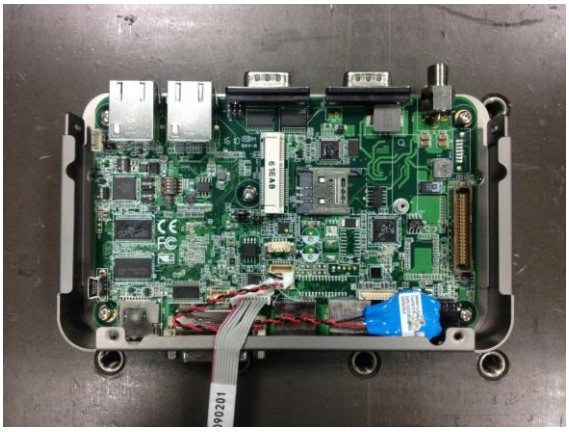
Configuration of EUT

Num	Item	Spec
1.	**Test Product: BOXER-6421**	
2.	**Client - BOXER-6421 (Main test of system)**	
	1. Model Name	BOXER-6421
	2. Main board	PBA-IMX6 Rev. A0.3
	3. CPU Type	Freescale i.MX6 Dual Lite-Auto grade 1.0GHz / MCIMX6Q6AVT10AC
	4. Chipset	Freescale i.MX6
	5. Memory	Onboard DDR3 1GB / SAMSUNG K4B2G1646Q-BCK0
	6. eMMC	Onboard eMMC 8GB / Greenliant.GLS85VM1008A-M-I-LFWE
	7, SD CARD	Transcend 4GB micro SD HC
	8. Test Software	Freescale Linux kernel 3.0.35 / Execute #cd test_stability #./BurnIn (BurnIn Test)
	9. Adapter	FSP / FSP060-DBAE1 12V 5.0A MAX
3.	**Server - BOXER-6421 (Aid test of system)**	
	1. Model Name	BOXER-6421
	2. Main board	PBA-IMX6 Rev. A0.3
	3. CPU Type	Freescale i.MX6 Dual Lite-Auto grade 1.0GHz / MCIMX6Q6AVT10AC
	4. Chipset	Freescale i.MX6
	5. Memory	Onboard DDR3 1GB / SAMSUNG K4B2G1646Q-BCK0
	6. eMMC	Onboard eMMC 8GB / Greenliant.GLS85VM1008A-M-I-LFWE
	7. Test Software	Freescale Linux kernel 3.0.35 / Execute #./setconf (IP connect to client IP - LAN Test)
	8. Adapter	FSP / FSP060-DBAE1 12V 5.0A MAX
4.	**Terminal manipulation - AEC-VS01 (Terminal manipulation of system)**	
	1. Model Name	AEC-VS01
	2. Main board	GENE-CV05
	3. BIOS Ver.	AEC-VS01 R0.1(AV01AM01)(06/24/2013)
	4. CPU Type	Intel Atom D2550 Processor / 1.86GHz
	5. Memory	Transcend DDR3 1333 / 2GB / SEC 231 HCKO K4B2G0846D
	6. 2.5” SATA HDD	TOSHIBA MK1060GSC SATA 2.5 HDD 100GB
	7. Test Software	Windows 7 / PuTTY Ver. 0.67
	8. Adapter	FSP / FSP120-AAB 19V 6.32A

After Test



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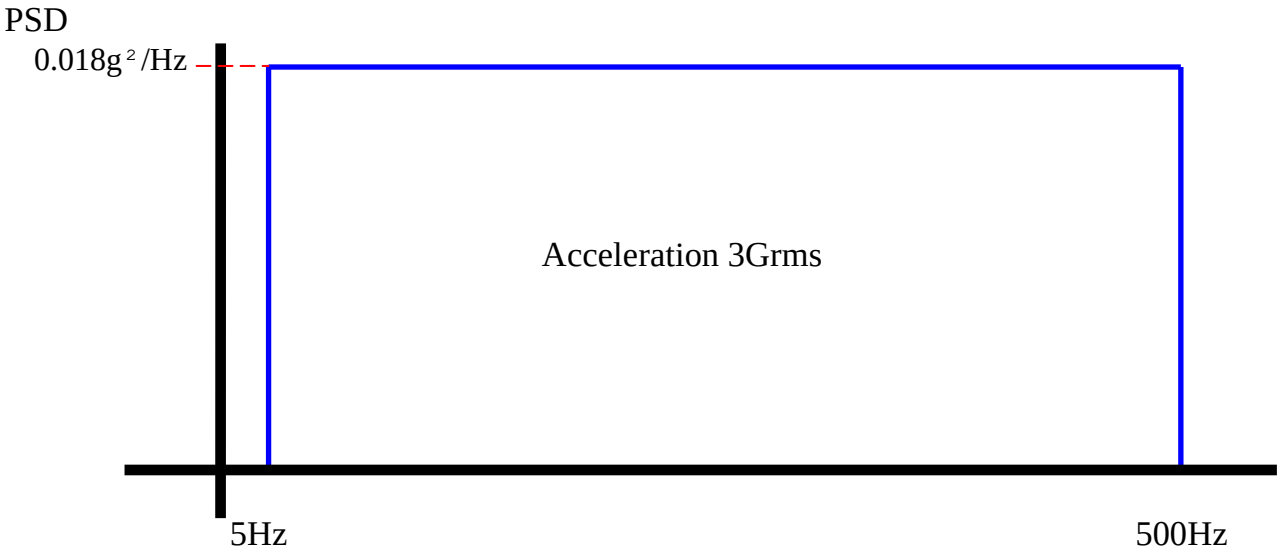
Random Vibration Operation Test

Test Date: 08-23-2016
Test Product: BOXER-6421
Test Site: AAEON QE Dept.
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration; broad-band random test
Test Equipment:
Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N120
Serial Number: UU110099090
Date of Calibration: 10/19/2015
Due date of Calibration: 10/18/2016

Test Condition:

1. Operation
2. Test Acceleration: 3Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Client: Linux kernel 3.0.35 / Execute #cd test_stability #./BurnIn (BurnIn test) / BurnIn test items (LAN Port, COM Port, SDCARD)
   Server: Linux kernel 3.0.35 / Execute #./setconf (IP connect to client IP - LAN Test)
   Terminal: Windows 7 / PuTTY Ver. 0.67
7. Test Vibration Curve:



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

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