

TKS-P20-CV01-ASG

(With mSATA)

Vibration Test Report

Report NO: 13E030008

Issued by:	<u>Rex Chang</u>	/	<u>2013/05/14</u>
	Engineer		Date
Reviewed by:	<u>Tom Lin</u>	/	<u>2013/05/14</u>
	Sr. Manager		Date

Test item list

- | | | |
|-----------|---|----------|
| 1. | <i>Test item list</i> ----- | 3 |
| 2. | <i>Random Vibration Operation Test</i> ----- | 4 |

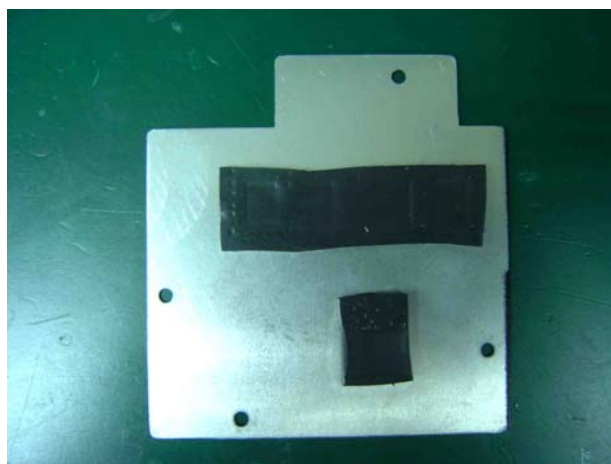
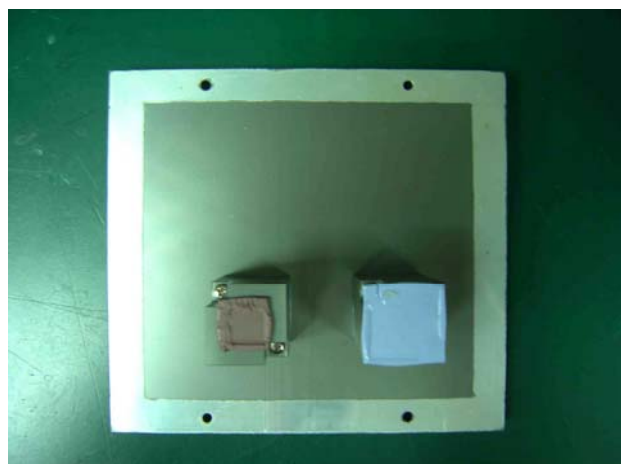
Testing Result

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

Configuration of EUT

Num	Item	Spec
1.	Control Box:	TKS-P20-CV01-ASG
	1. Main Board	PICO-CV01 A1.0
	2. BIOS Ver.	PICO-CV01 R1.4 (PICVAM14) (11/14/2012)
	3. CPU	Intel Atom N2600 / 1.60GHz
	4. Memory	DSL / Hynix H5TQ2G83CFR H9C / DDR3 1333 / 2GB
	5. Industrial mSATA	MS500 Series / MRMAJ5D016GN4M1100 / 16GB
	6. Test Software	Windows 7 / Run PassMark Burn In Test 7.0 Pro
	7. Power Board	PER-24D A0.1_0_0
2.	AC Adapter	FSP. FSP040-DGAA1 Output: 12V; 3.33A (40W MAX)

Heat Sink



Random Vibration Operation Test

Test Date: 05-13-2013

Test Product: TKS-P20-CV01-ASG

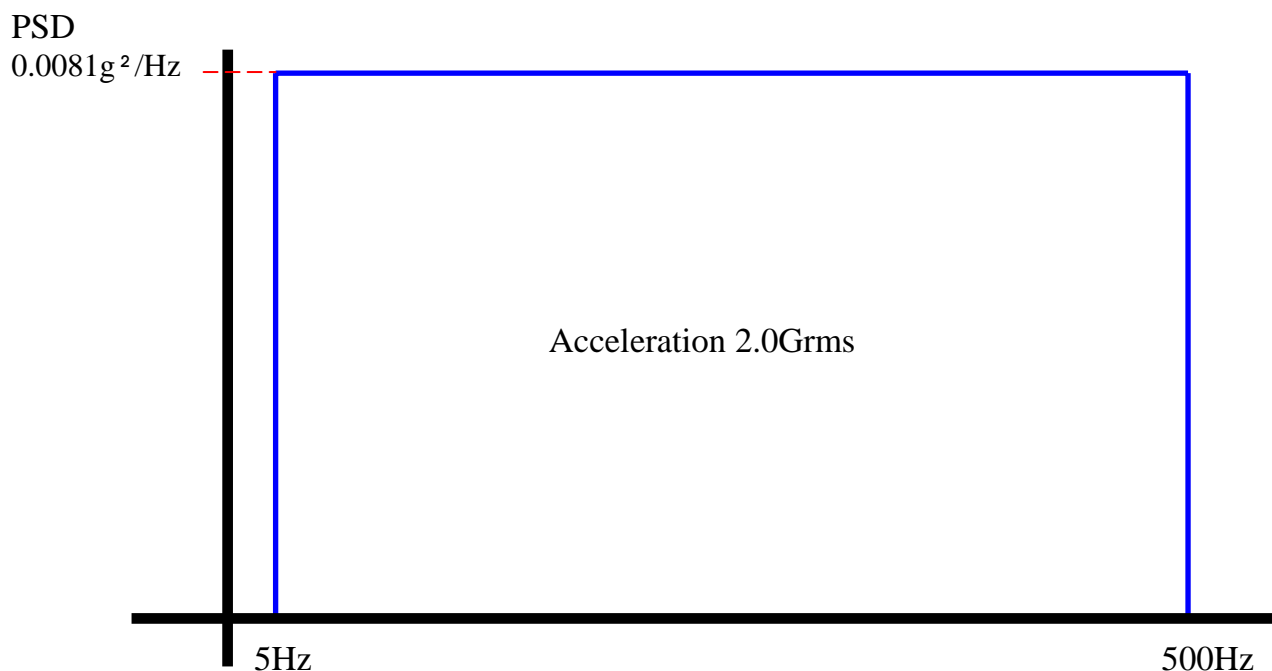
Test Site: AAEON QE Dept.

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-40N20
Serial Number: UU110099090
Date of Calibration: 10/21/2012

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 structure of the system did not deform after testing, and all functions still work will.