

TKS-E21-HD07

(With mSATA HDD)

Vibration Test Report

Report NO: 12E030010

Issued by:	<u>Rex Chang</u>	/	<u>2012/05/09</u>
	Engineer		Date
Reviewed by:	<u>Vincent Chen</u>	/	<u>2012/05/09</u>
	V.P.		Date

Test item list

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

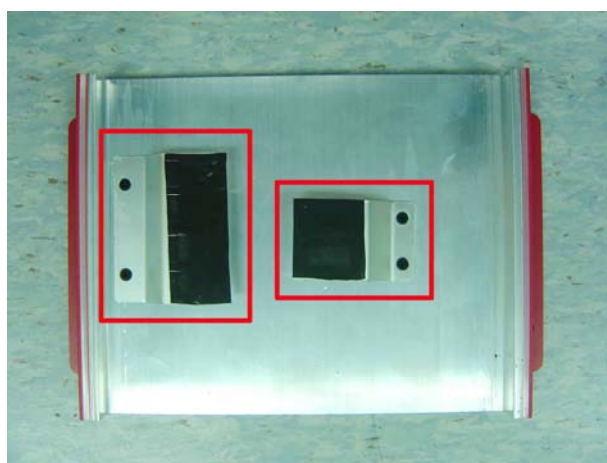
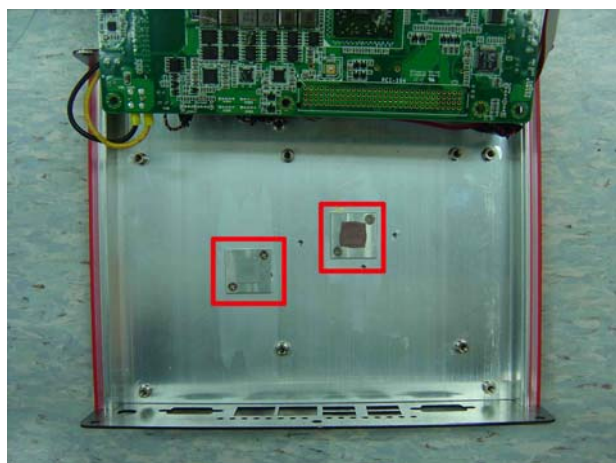
Testing Result

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

Configuration of EUT

Num	Item	Spec
1.	Control Box:	TKS-E21-HD07
	1. Main Board	EPIC-HD07 A1.0
	2. BIOS Ver.	TKHDAM11(04/05/2012)
	3. CPU	AMD G-T56N / 1.65GHz
	4. Memory	MemoRight / Hynix H5TQ2G83BFA H9C / DDR3 1333 / 4GB
	5. Industrial mSATA HDD	MemoRight MS500 Series / MRMSJ5B032GN4M2100 / 32GB
	6. Test Software	Windows 7 / Run PassMark Burn In Test 7.0 Pro
2.	AC Adapter	FSP. FSP060-DBAE1

Heat Sink



Random Vibration Operation Test

Test Date: 05-09-2012

Test Product: TKS-E21-HD07

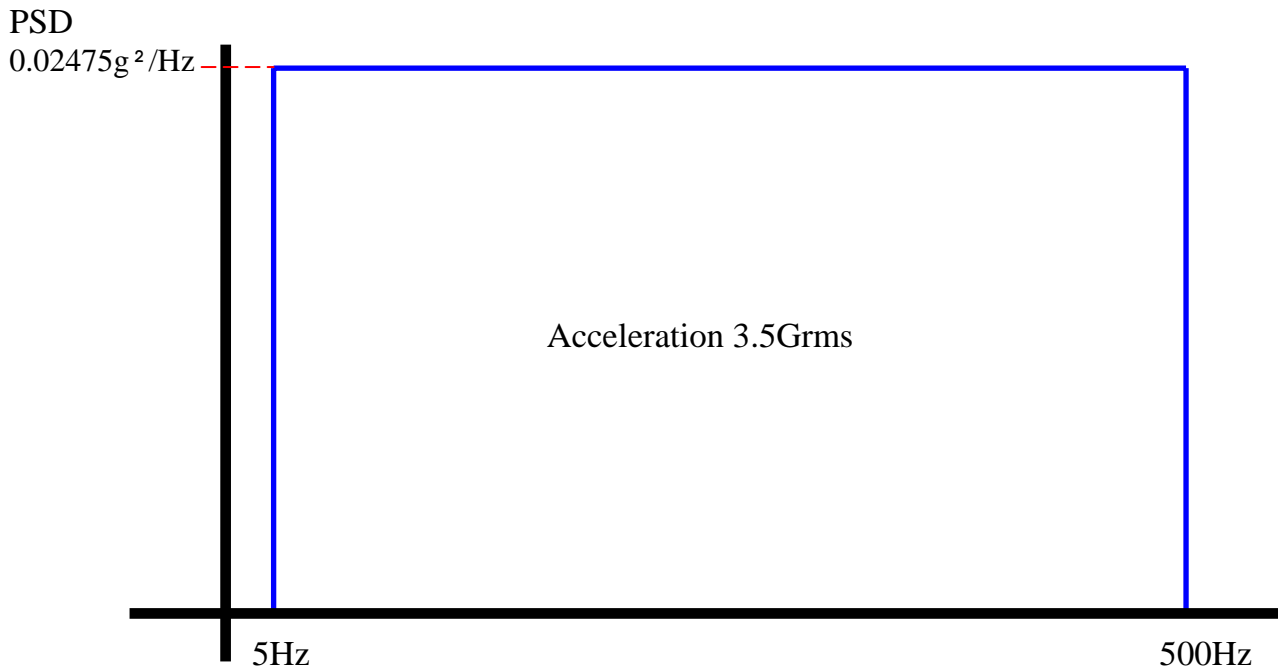
Test Site: AAEON QE Dept.

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: 10/11/2011

Test Condition:

1. Operation
2. Test Acceleration: 3.5Grms 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.