

ICS-6270

With SSD

Vibration Test Report

Report NO: 17I030009



Summary	<p><input checked="" type="checkbox"/> Pass</p> <p><input type="checkbox"/> Fail Note : There is/are ___ defect(s) not list in the report, please check it in the DTS Website.</p> <p><input type="checkbox"/> Pass with Deviation Comment: _____</p>
---------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Issue date

2017-06-23

QE Manager

KJ Wang

Test Engineer

Jerry Chen

Test item list

1. *Test item list* ----- 2
2. *Configuration of EUT* ----- 3
3. *Random Vibration Operation Test* ----- 4
4. *Random Vibration Non-operation Test* ----- 5

Testing Result

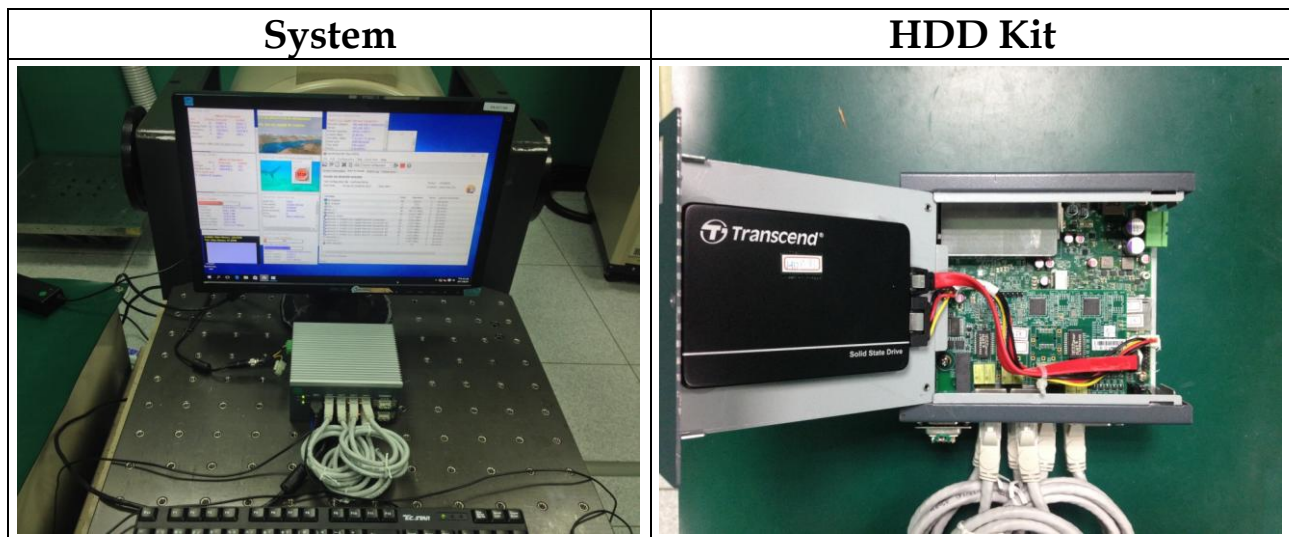
Num	Test item list	Result	Remark
1.	Random vibration operation test	Pass	
2.	Random vibration non-operation test	Pass	

Configuration of EUT

Num	Item	Spec
1	Fanless System	ICS-6270
2	Main Board	ICS-6270 / Ver. A0.2
3	BIOS Ver.	ICS-6270 R0.5 (S270AM05) (04/13/2017)
4	CPU Type	Intel Pentium N4200 1.10GHz
5	Memory	Transcend 8GB DDR3L 1600 SO I / SEC K4B4G0846D
6	2.5" SATA3 SSD	Transcend SSD420K 64GB / TS64GSSD420K
7	Test Software	Windows 10 / Run PassMark Burn In Test 8.1 Pro
8	Adapter:	FSP / FSP040-RHAN2 / 12V 3.33A (40W)

Photos

After test



Random Vibration Operation Test

Test Date: 06-21-2017

Test Product: ICS-6270

Test Site: AAEON QE Dept.

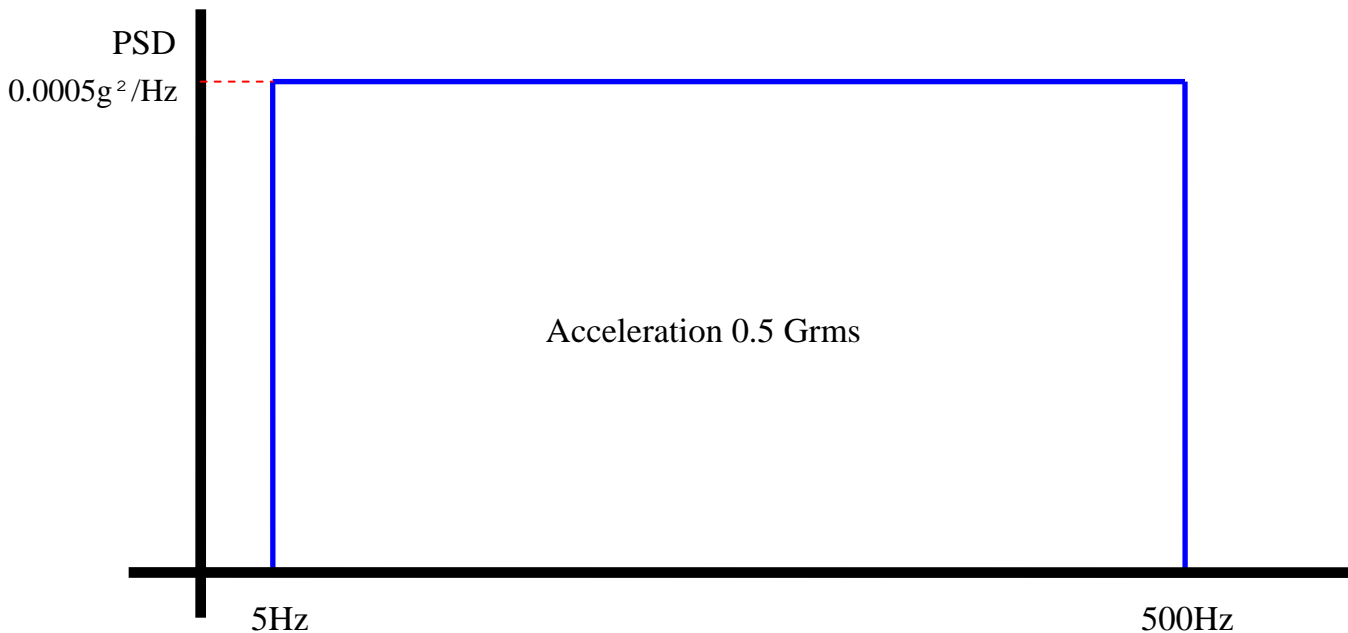
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N120
Serial Number: UU110099090
Date of Calibration: 10/18/2016

Test Condition:

1. Operation
2. Test Acceleration: 0.5 Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 10 / Run PassMark Burn In Test 8.1 Pro.
7. Test Vibration Curve:



Test Result:

No found structure deformation, and function was working normally.

Random Vibration Non-operation Test

Test Date: 06-22-2017

Test Product: ICS-6270

Test Site: AAEON QE Dept.

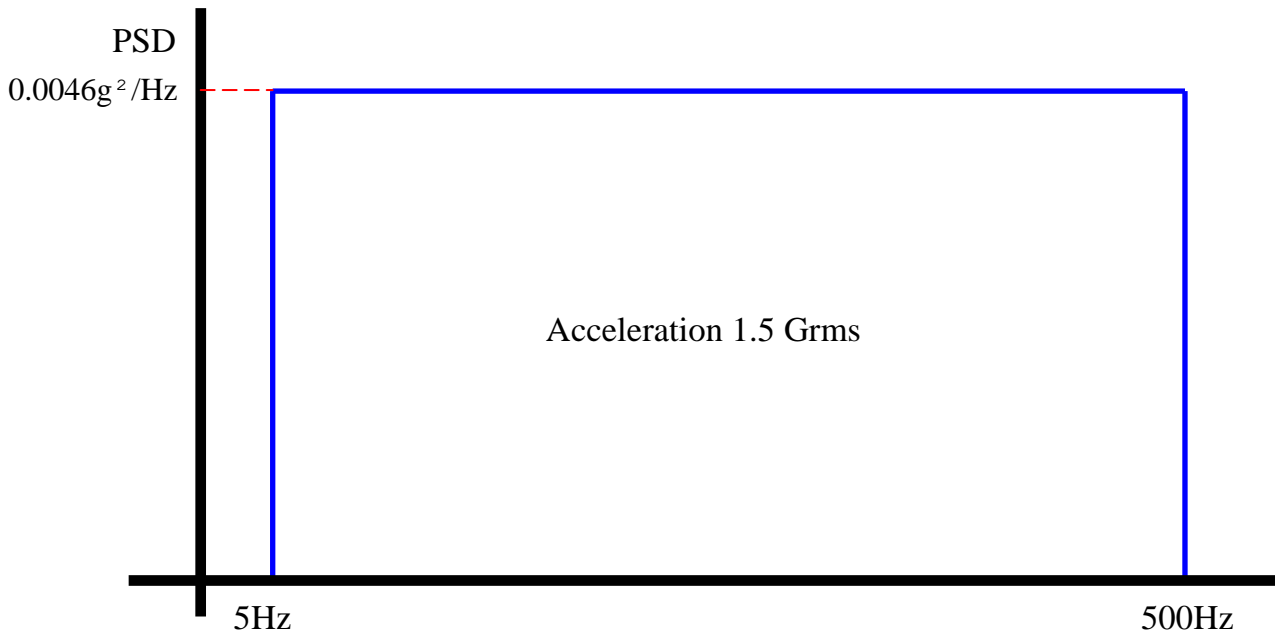
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broadband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N120
Serial Number: UU110099090
Date of Calibration: 10/18/2016

Test Condition:

1. Non-operation
2. Test Acceleration: 1.5 Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Vibration Curve:



Test Result:

No found structure deformation, and function was working normally.