

# NANO-002F

With Fan

## Vibration Test Report

Report NO:



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

2017-11-13

QE Manager

KJ Wang

Test Engineer

Jerry Chen

## Test item list

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- |   |          |
|---|----------|
| <b>1. Test item list</b> -----                  | <b>2</b> |
| <b>2. Configuration of EUT</b> -----            | <b>3</b> |
| <b>3. Random Vibration Operation Test</b> ----- | <b>4</b> |

### Testing Result

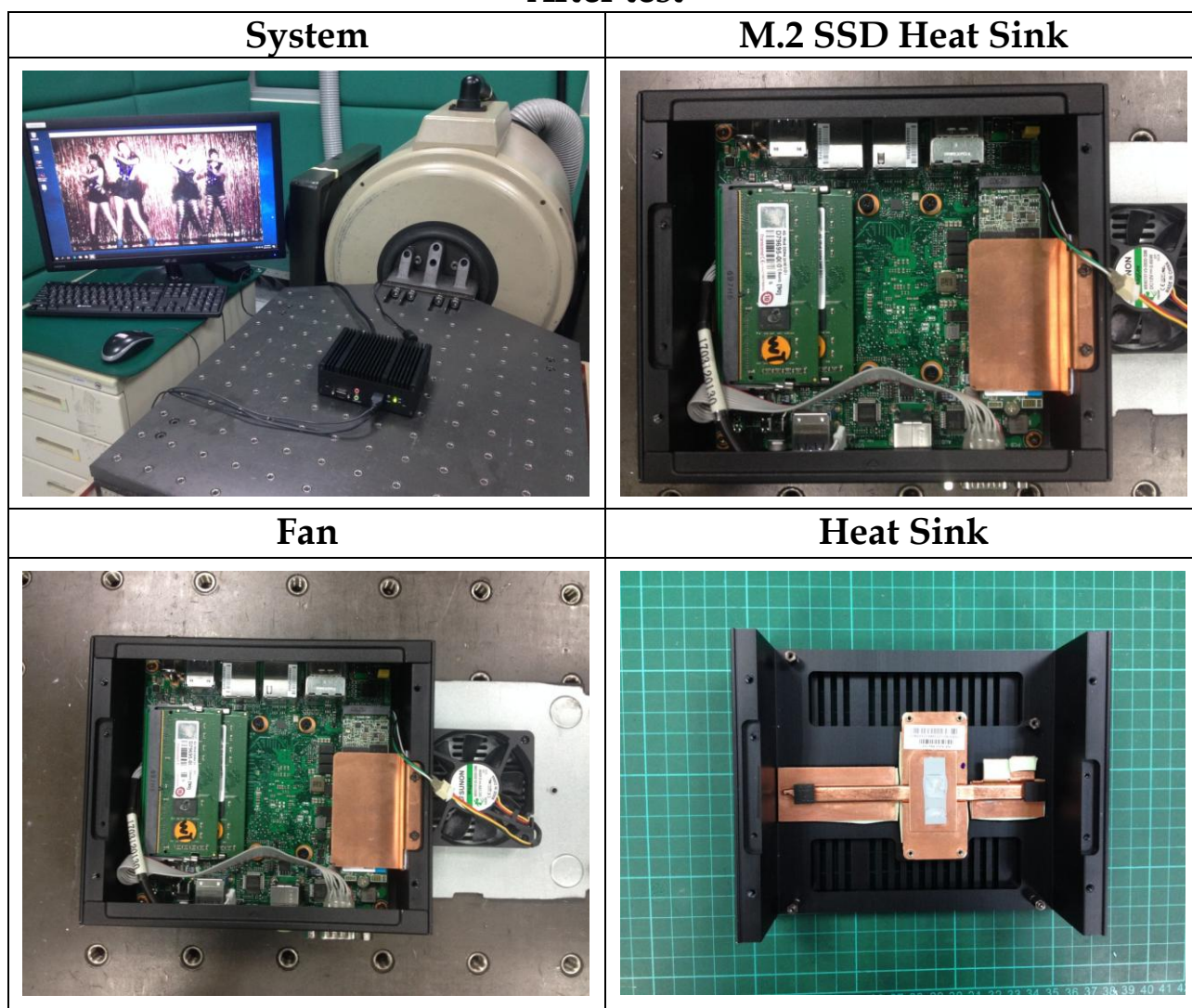
Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

# Configuration of EUT

Num	Item	Spec
1	Model Name	NANO-002F
2	Main Board	NITX-SKL1 / Ver. 1.02
3	BIOS Ver.	R1.0 (NXSLAM10) (03/07/2017)
4	CPU Type	Intel Core i3-6100 U / 2.30GHz
5	Chipset	SoC
6	Memory	Transcend DDR4 2400 SO I / 4GB x 2 / SEC K4A4G085WE
7	M.2 SSD	ADATA / M.2 2280 SU800NS38 / 128GB / ASU800NS38-128GT-C
8	Test Software	Windows 10 / Run one Microsoft media player simultaneously
9	Adapter:	EDACPOWER ELEC / EA1050A-120 / 12V; 5A

## Photos

### After test



# Random Vibration Operation Test

**Test Date:** 11-10-2017

**Test Product:** NANO-002F

**Test Site:** AAEON QE Dept.

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

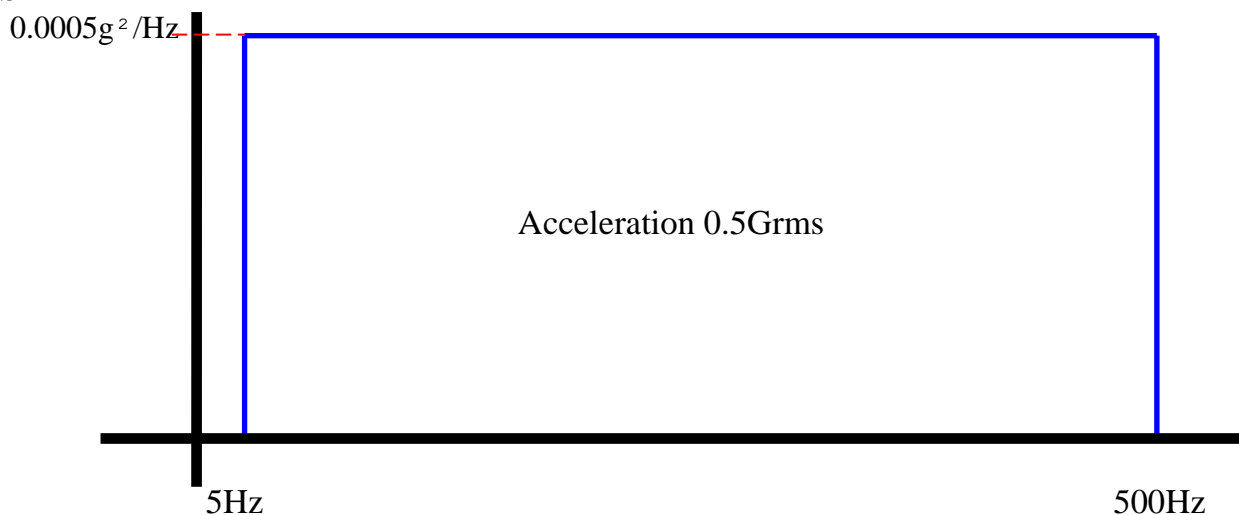
**Test Equipment:**

Vibration Simulator System  
KING DESIGN Co. LTD.  
Model: KD 9363-EM-600F2K-40N120  
Serial Number: UU110099090  
Date of Calibration: 2017/10/11

**Test Condition:**

1. Operation
2. Test Acceleration: 0.5Grms 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 one Microsoft media player simultaneously
7. Test Vibration Curve:

PSD



**Test Result:**

No found structure deformation, and function was working normally.