

NANO-001N

With M.2 SSD

Vibration Test Report

Report NO: 15IP030009



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>
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Issue date

2015-11-26

Approval

KJ Wang

Issued by

Rex Chang

Test item list

1. *Test item list* ----- 3
2. *Random Vibration Operation Test* ----- 4

Testing Result

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

Configuration of EUT

Num	Item	Spec
1.	System:	NANO-001N
	1. Main board	NITX-BD1 A1.01
	2. BIOS	R1.0 (TBD1AM10) (08/28/2015)
	3. CPU Type	Intel Core i7-5650U / 2.2GHz
	4. Memory	SK hynix 4GB * 2 / DDR3L-1600 / H5TC4G83BFA PBA
	5. M.2 SSD	Transcend TS256GMTS600 / 256GB
	6. Test Software	Windows 8 / Run one Microsoft media player simultaneously
2.	Power Adapter	FSP FSP060-DIBAN2

Heat Sink for M.2 SSD, Memory



Random Vibration Operation Test

Test Date: 11-26-2015

Test Product: NANO-001N (with M.2 SSD)

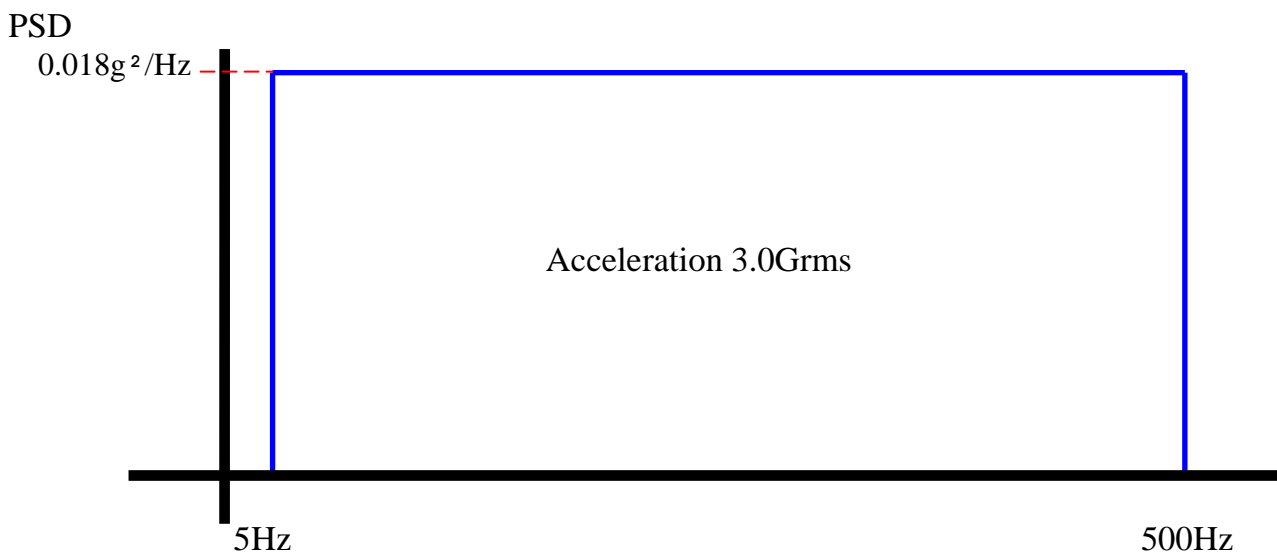
Test Site: AAEON QE Dept.

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-40N20
Serial Number: UU110099090
Date of Calibration: 10/19/2015

Test Condition:

1. Operation
2. Test Acceleration: 3.0Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 8 / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



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