

UP-GWS01

Vibration Test Report

Report NO: 17D030001

Issue date	QE Manager	Test Engineer
2017-01-06	KJ Wang	Ben Sun

Test item list

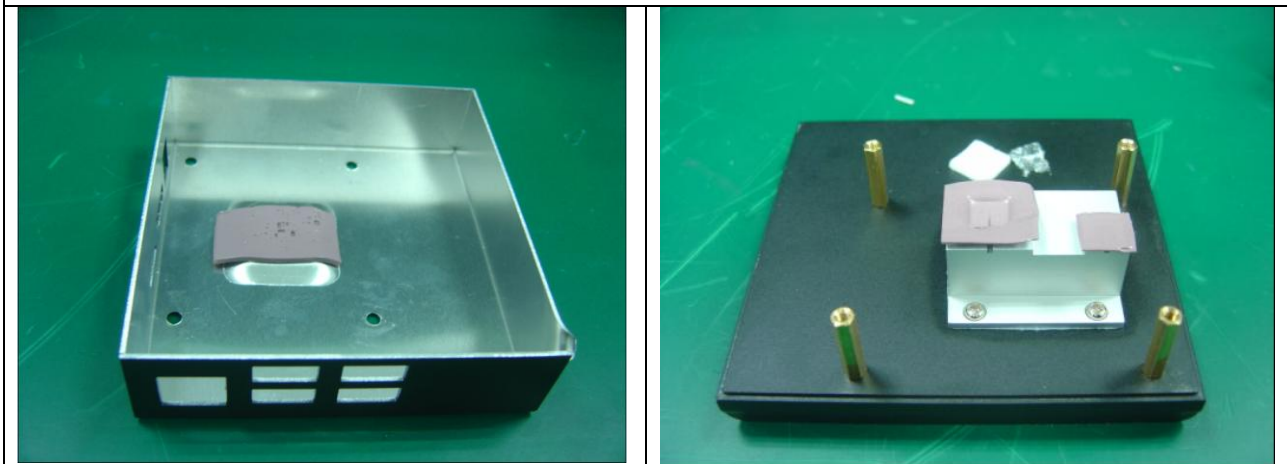
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|--|---|
| 1. Test item list ----- | 2 |
| 2. Random Vibration Operation Test ----- | 3 |

Test Configuration:

Num	Item	Spec
System:		UP-GWS01
1.	1. Main Board	UP-X5-Z8300-02 A0.3
	2. BIOS Ver.	UPC1BM0S
	3. CPU Type	Intel CPU.SOC.Cherry Trail-T3.x5-Z8350
	4. Chipset	Intel.SOC.Cherry Trail-T3.x5-Z8350
	5. Onboard Memory	SK Hynix.H5TC8G63CMR-PBA, DDR3L-SDRAM, 4GB
	6. Onboard eMMC	eMMC. Kingston.EMMC64G-M525-A51. 64GB
	7. Test Software	Windows 10 / Run PassMark Burn In Test 8.1 Pro
2.	Adapter:	FSP FSP015-DPAN2 / 5V, 3.0A (15W Max)

CPU Cooler

Heat Sink



Random Vibration Operation Test

Test Date: 01-06-2017

Test Product: UP-GWS01

Test Site: AAEON QA Dept.

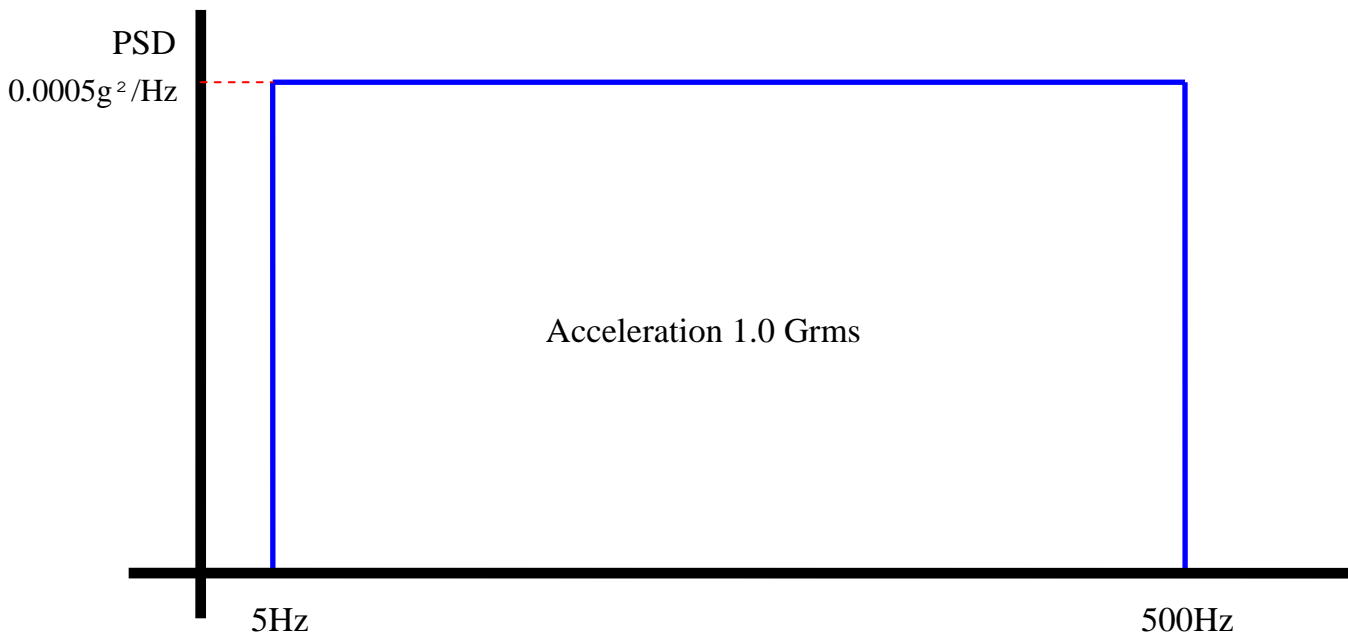
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/18/2016

Test Condition:

1. Operation
2. Test Acceleration: 1.0 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 structure deformation was found, and function was working normally.