

ACS-1U01-H81B

Vibration Test Report

Report NO: 15IP030005

Issued by:	<u>Ben Sun</u> Engineer	/	<u>07/31/2015</u> Date
Reviewed by:	<u>KJ Wang</u> Sr. Manager	/	<u>07/31/2015</u> Date

Test item list

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

Test Configuration:

Num	Item	Spec
System:		ACS-1U01-H81B A1.0
1.	Main Board:	EMB-H81B A2.0
	1. BIOS:	EH81BM20
	2. CPU	Intel i7-4790S 3.2GHz
	4. Memory	Apacer DDR3L 2GB PC3-10600 CL9
	5. 2.5" SATA HDD	HGST HTS725050A7E630 500GB
	6. Test Software:	Windows 8 / Run BurnIn test 8.0 Pro
2.	Power Supply	FPS060-DBAB1

CPU Cooler



Random Vibration Operation Test

Test Date: 07-30-2015

Test Product: ACS-1U01-H81B

Test Site: AAEON QA Dept.

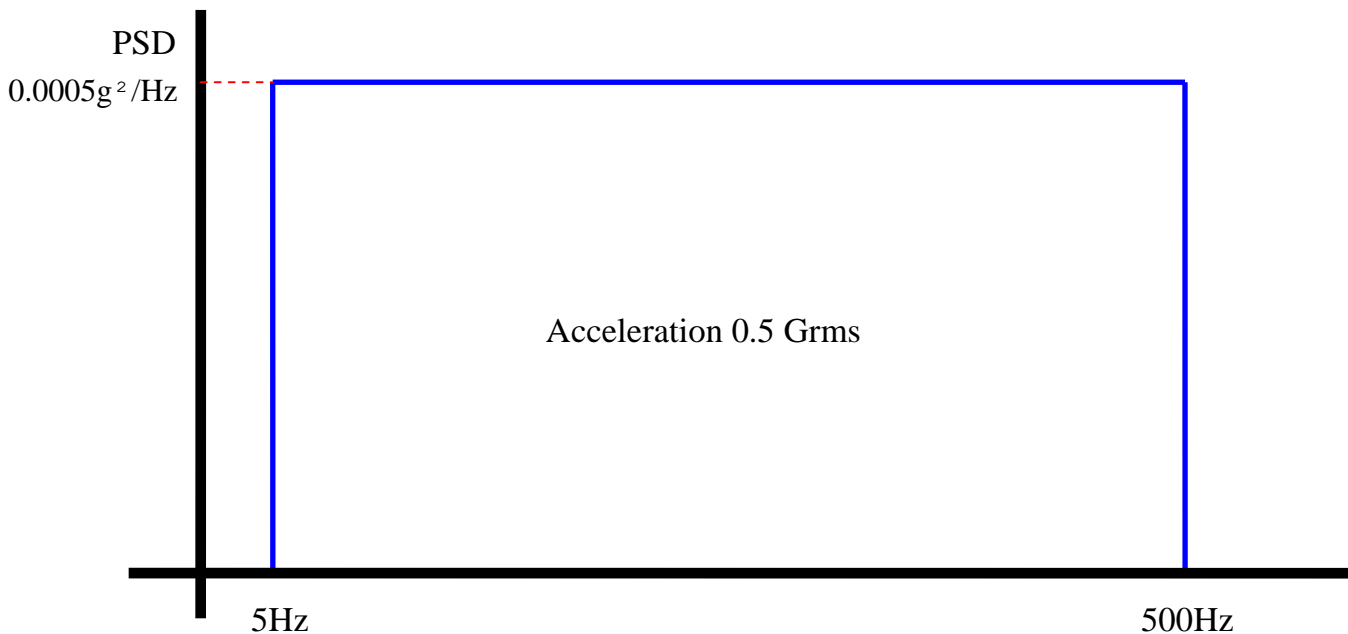
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration broad-band random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/20/2014

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 8 / Run BurnIn test 8.0 Pro simultaneously.
7. Test Vibration Curve:



Test Result:

No structure deformation was found, and function was working normally.