

# **DSS-TN40**

(With 2.5" SATA HDD)

## **Vibration Test Report**

**Report NO: 13I030025**

<b>Issued by:</b>	<b><i>Jerry Chen</i></b>	<b>/</b>	<b><i>2013/09/3</i></b>
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	<b>Engineer</b>		<b>Date</b>
<b>Reviewed by:</b>	<b><i>Tom Lin</i></b>	<b>/</b>	<b><i>2013/09/03</i></b>
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	<b>Sr. Manager</b>		<b>Date</b>

## Test item list

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|---|----------|
| <b>1. Test item list</b> .....                  | <b>3</b> |
| <b>2. 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.	System:	DSS-TN40 A1.0
	1. Main board	EMB-A70M
	2. BIOS	DSS-TN40 R1.0 (DS40AM10)(05/15/2013)
	3. CPU Type	AMD R-260H APU with Radeon HD Graphics / 2.1GHz
	4. Memory	DSL DDR3 1066 4GB*2 / ELPIDA J2108BDBG-DJ-F
	5. 2.5" SATA HDD	TOSHIBA / MK1676GSX 2.5" 160GB
	6. Test Software	Windows 7 / Run BurnIn test 7.0 Pro
2.	Power Supply	FSP060-DBAE1 Output: 12V; 5.0A MAX

## Fan



## System



# Configuration of EUT



# Random Vibration Operation Test

**Test Date:** 09-03-2013

**Test Product:** DSS-TN40

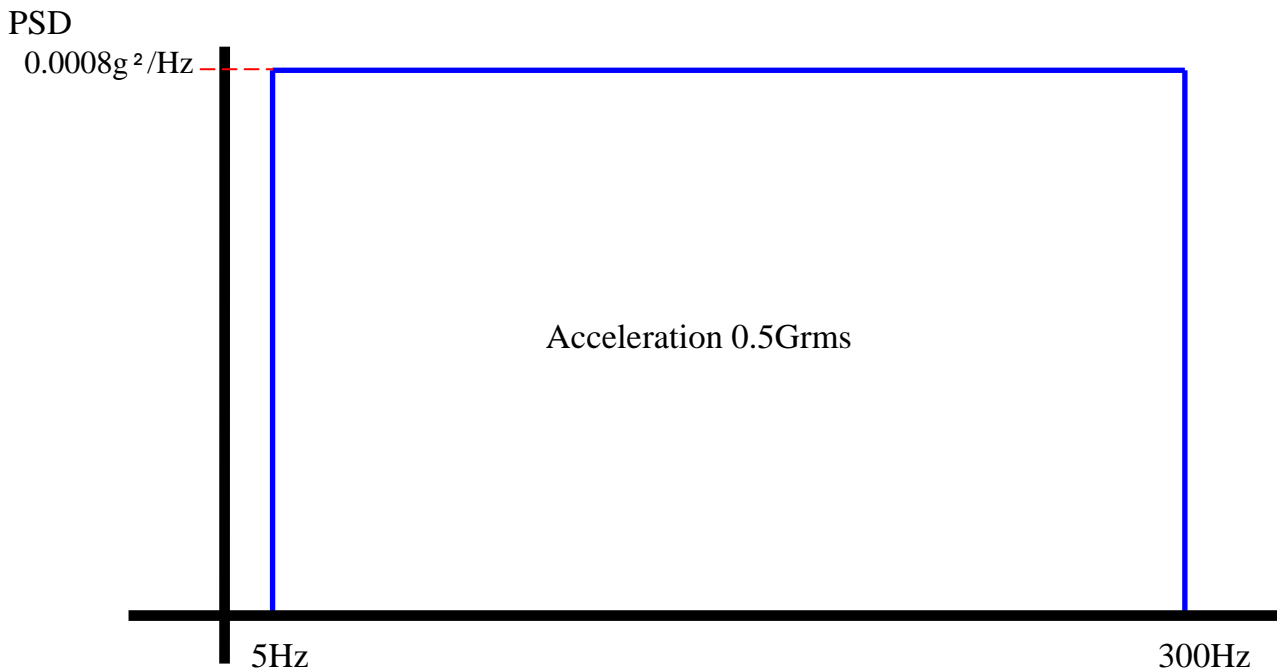
**Test Site:** AAEON QE Dept.

**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-40N20  
Serial Number: UU110099090  
Date of Calibration: 10/21/2012

**Test Condition:**

1. Operation
2. Test Acceleration: 0.5Grms Random
3. Test Frequency: 5-300Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 7 / Run BurnIn 7.0 Test Pro.
7. Test Vibration Curve:



**Test Result:**  
The structure of the system did not deform after testing, and all functions still work will.