

# **AIS-Q574**

With 3.5" SATA HDD

## **Vibration Test Report**

**Report NO: 11I030005**

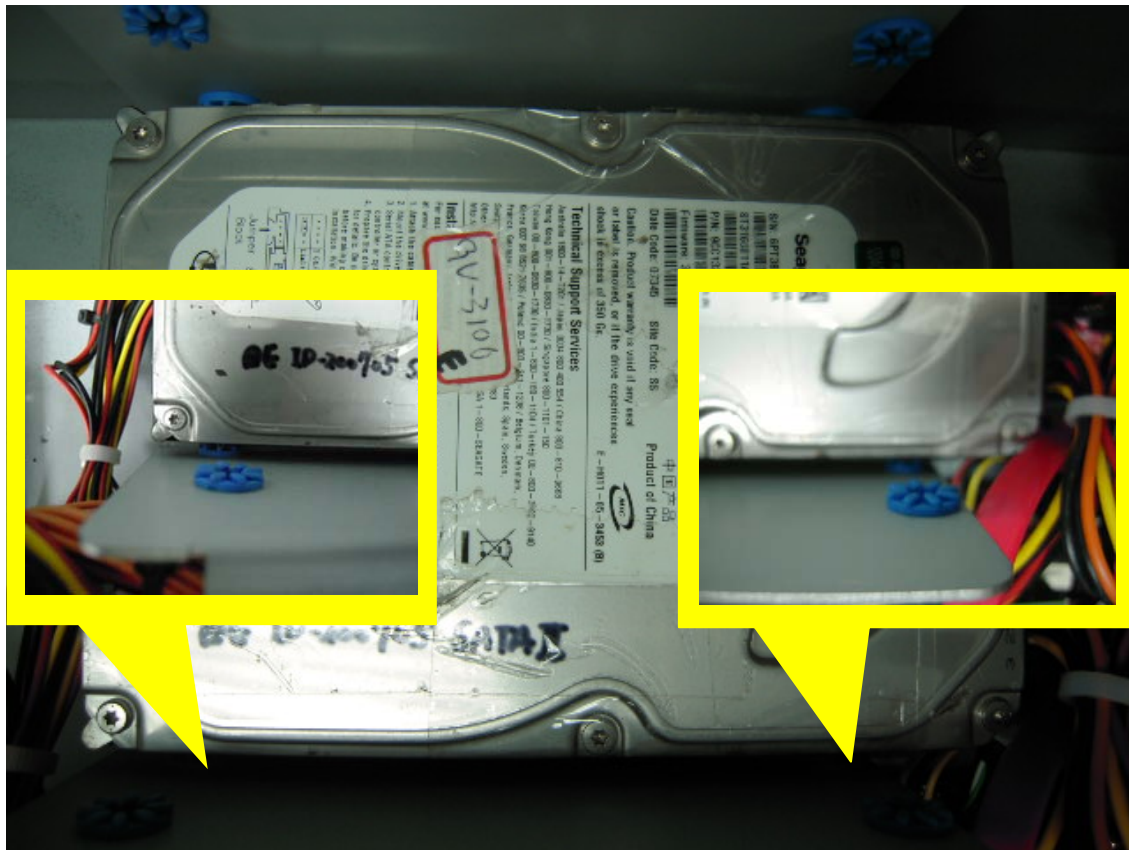
<b>Issued by:</b>	<b>Rex Chang</b> _____ Engineer	/	<b>2011/04/15</b> _____ Date
<b>Reviewed by:</b>	<b>Jansin Lee</b> _____ Sr. Manager	/	<b>2011/04/15</b> _____ Date

# Test item list

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

## Testing Result

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



# Random Vibration Operation Test

**Test Date:** 04-14~15-2011

**Test Product:** AIS-Q574

**Test Site:** AAEON Internal Lab.

**Test Standard:** Reference IEC68-2-64 Testing procedures

Test Fh: Vibration boardband random test

**Test Equipment:**

Vibration Simulator System

KING DESIGN Co. LTD.

Model: KD 9363-EM-600F2K-40N20

Serial Number: UU110099090

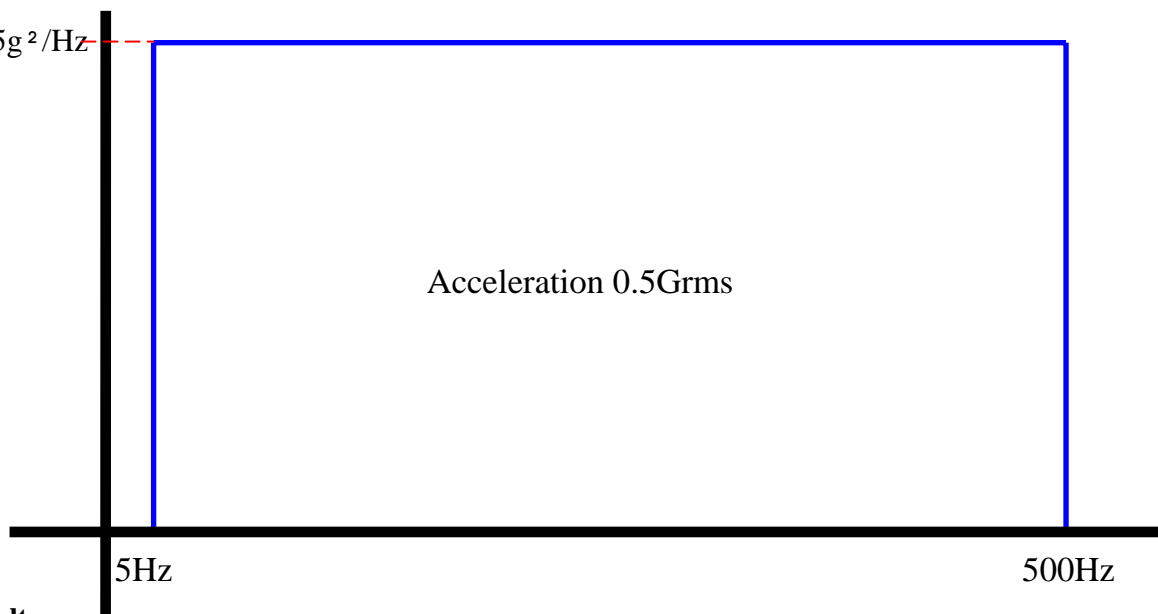
Date of Calibration: 10/19/2010

**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 XP / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:

PSD

0.0005g<sup>2</sup>/Hz



**Test Result:**

The system structure doesn't deformation; Function is passed during system test.