



# OPD-212

## Random vibration Test Report

Report NO : 02P030014

Issued by:

Art Liao  
QE Engineer

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Date

**08/09/2002**

Reviewed by:

Lindou Lin  
QE Manager

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Date

**08/09/2002**

**Test Date:** 08-02-2002

**Test Product:** OPD-212

**Test Site:** AAEON QA Internal Lab.

**Performed By :** Art Liao

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

Test Fh : Vibration boardband random test

**Test Equipment:**

Vibration Simulator System

KING DESIGN Co. LTD.

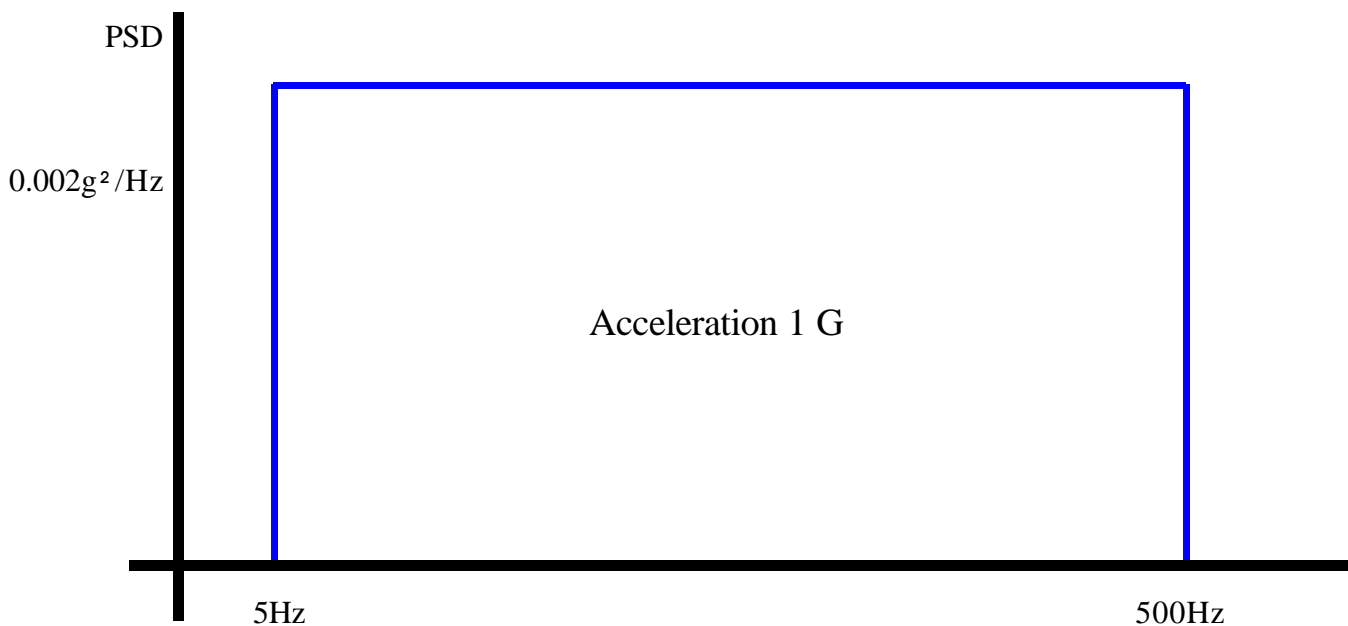
Model : KD 9363-EM-600F2K-40N20

Serial Number : UU110099090

Date of Calibration : 10/29/2001

**Test Condition :**

1. Operation
2. Test Acceleration : 1G
3. Test Frequency : 5-500Hz
4. Test Axis : X ,Y,Z axes
5. Test Time : 1 hour each axis
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :



**Sample Configuration & Quantity Under Test :**

Using one OPD-212 Industrial display monitors.

1. CPU : NS Geode GXLV-233P 2.5V 85C
2. Memory : MTTG 48LC8M8A2-75 64MB PC-133
3. HDD : Fujitsu MHM2100AT
4. AMB-2023 system

**Performance Criteria :**

Electronic function check:

LCD panel functions must be checked with appropriate testing programs and should pass the inspection.

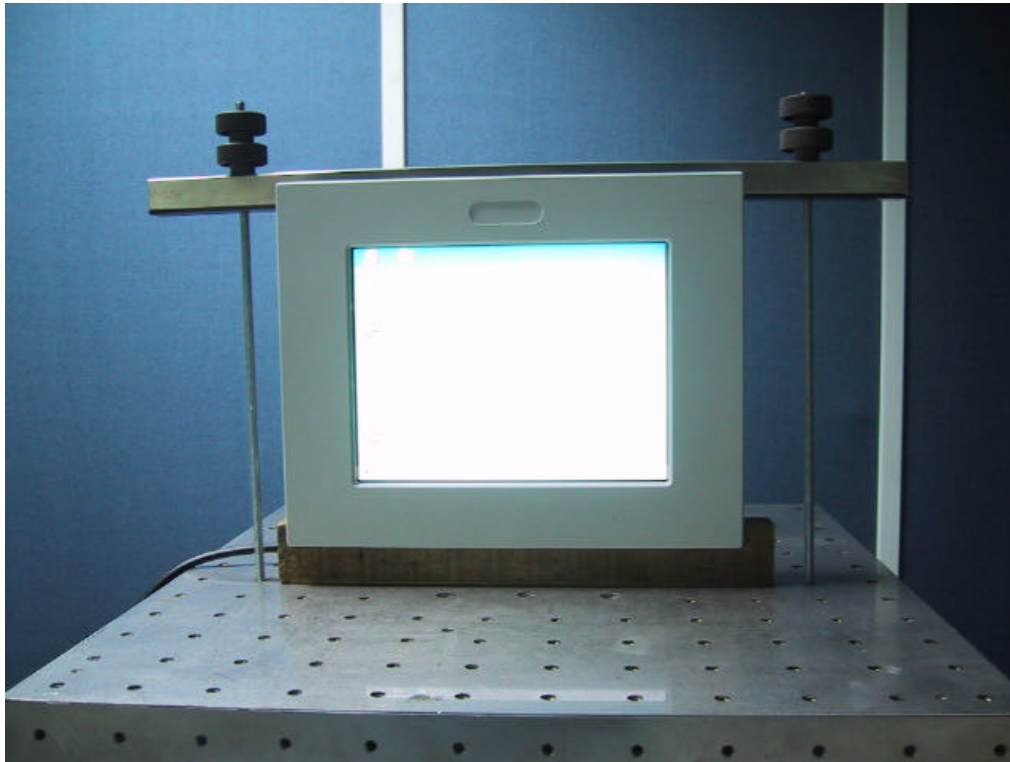
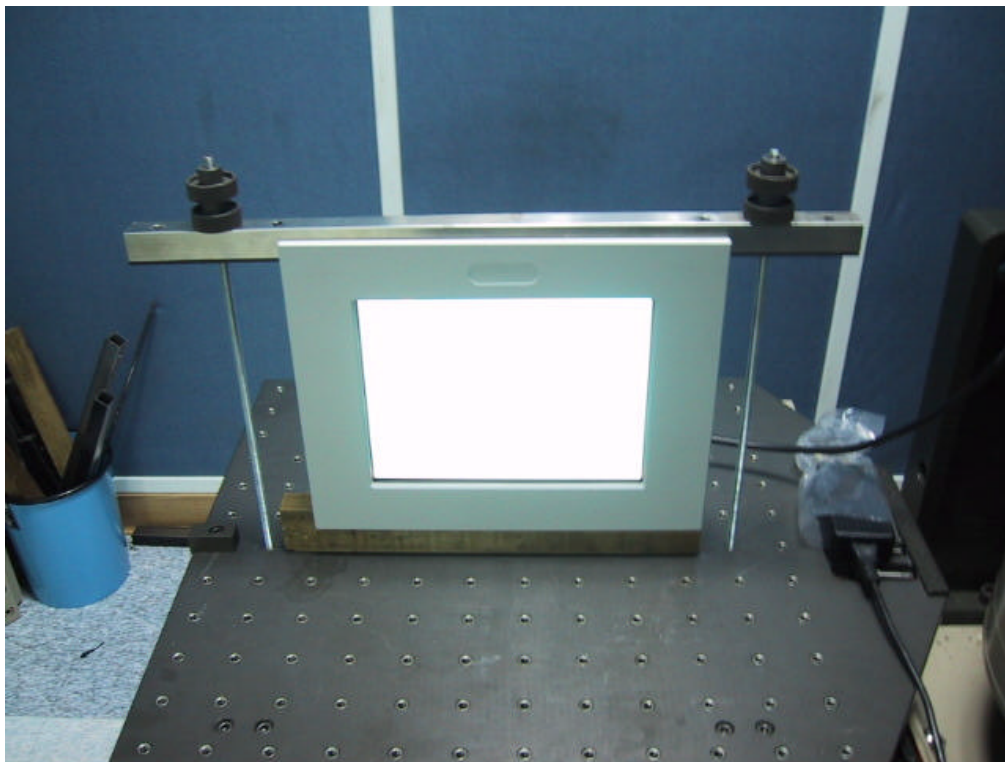
Mechanical function check:

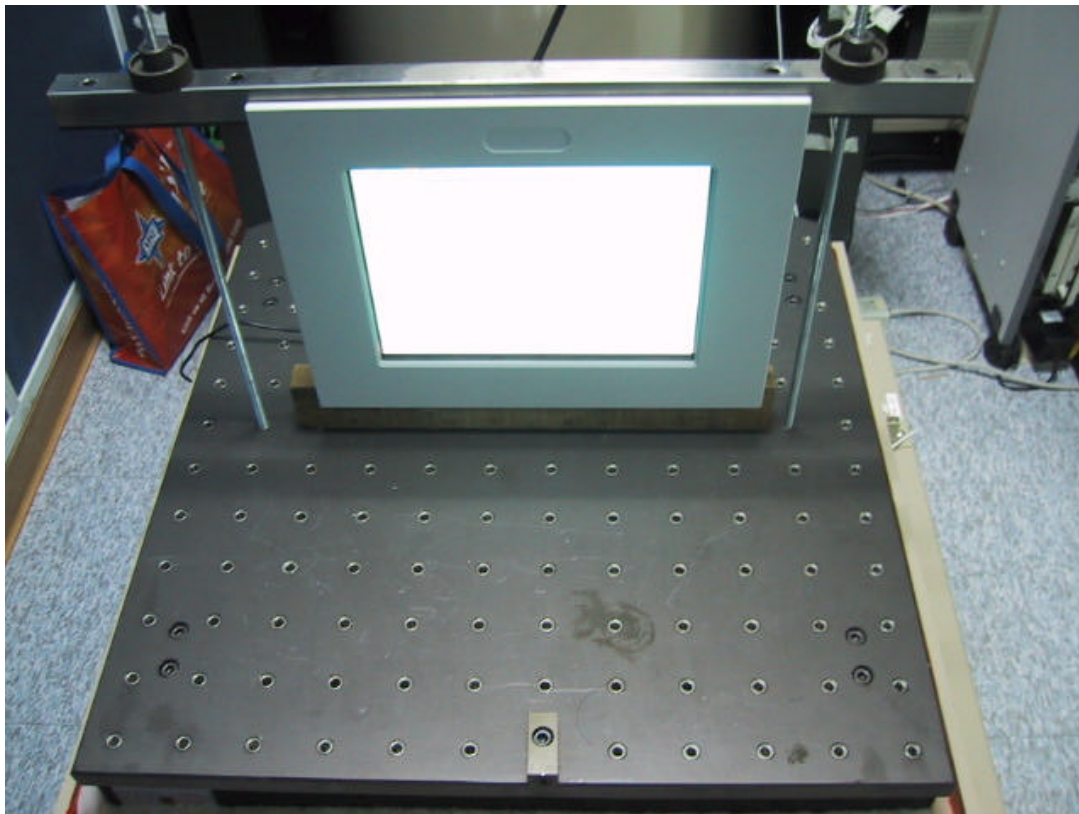
The switch button , cover, and slot should work properly without any interference.

**Test Result :**

**Passed.**

The OPD-212 Industrial display monitors meets Vibration random 1G operation test.

**Photo I:****OPD-212 operation random vibration test for Z-axis****Photo I:****OPD-212 operation random vibration test for Y-axis**

**Photo I:****OPD-212 operation random vibration test for X-axis**