



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

OPD-212A

QE Vibration Test Report

Release Date : Jan. 23, 2002

Issue Stamp

QE Manager

Test Engineer

Vibration

Model Name : OPD-212A
Test Date : 01-23-2002
Test Site : AAEON QE Dept.
Performed by : Rex Chang

TEST ENVIRONMENT :

Temperature : 20 \pm 2 $^{\circ}$ C
Humidity : 60 \pm 20%RH

VIBRATION TEST SPECIFICATION :

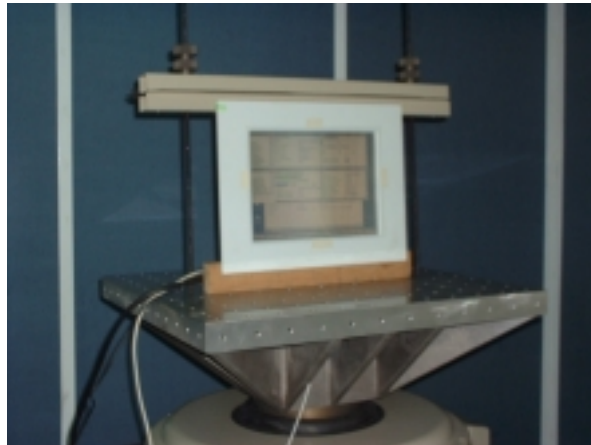
Peak amplitude : 0.075mm
Peak acceleration : 1g
Transition frequency : 57.6 Hz
Starting frequency : 10Hz
Stopping frequency : 150Hz
Study of critical frequencies : $Q > 2$ (Q = Amplification coefficient)
Endurance per sweep : 10 cycles
Sweep speed : 1 oct./min
Orientation : X, Y, Z (3 axes)
Sample condition : Unpacked, Operation

TEST RESULT :

Item 1 : System structure doesn't deformation, LCD display function is OK during system test.

Testing photos

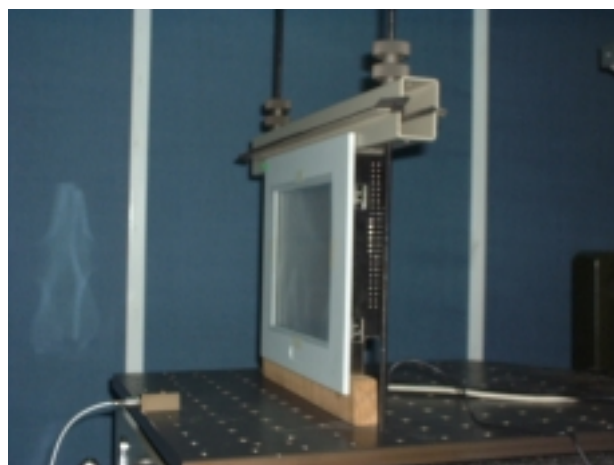
Top-Botton



Left-Right



Front-Back



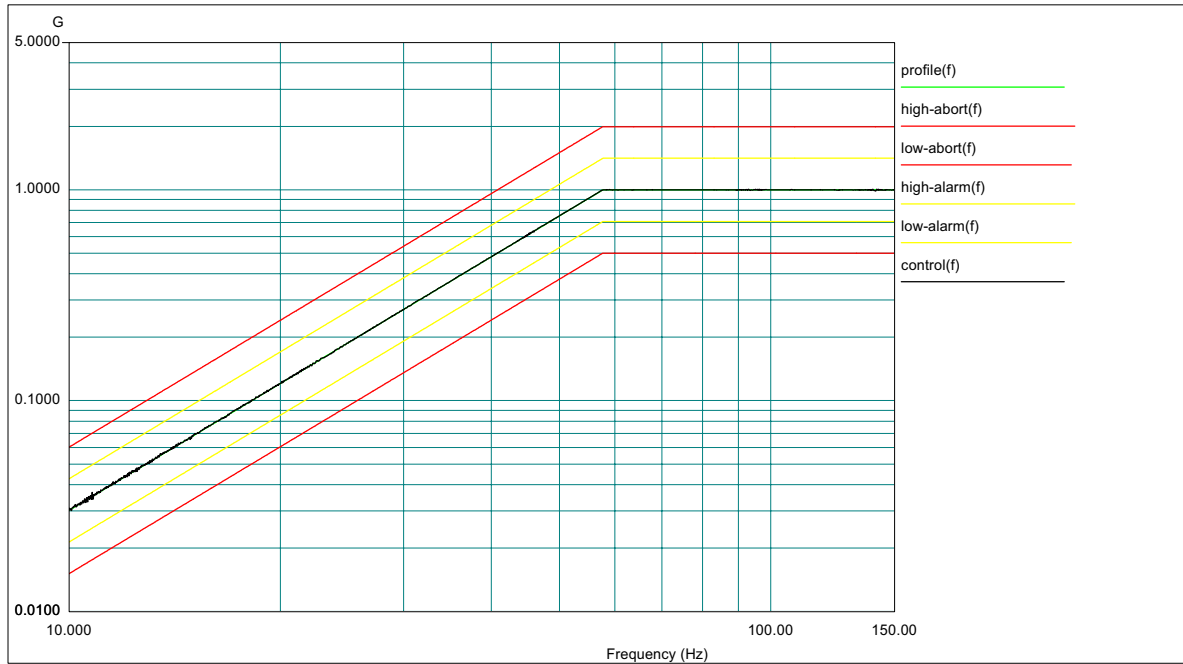
Top-Botton

Project File Name: =S=10Hz 0.15mm.prj

Profile Name: 1.0G & 0.05In Pk-Pk.

Test Type: Swept Sine

Run Folder: \Run Jan 23,2002 15-26-30



Level: 100 % Control Peak: 0.030949 G Full Level Time: 00:39:05 Sweep Type: Logarithmic
Frequency: 10.001037 Hz Demand Peak: 0.030213 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min
Data saved at 04:46:12 PM, Wednesday, January 23, 2002 Report created at 04:46:13 PM, Wednesday, January 23, 2002

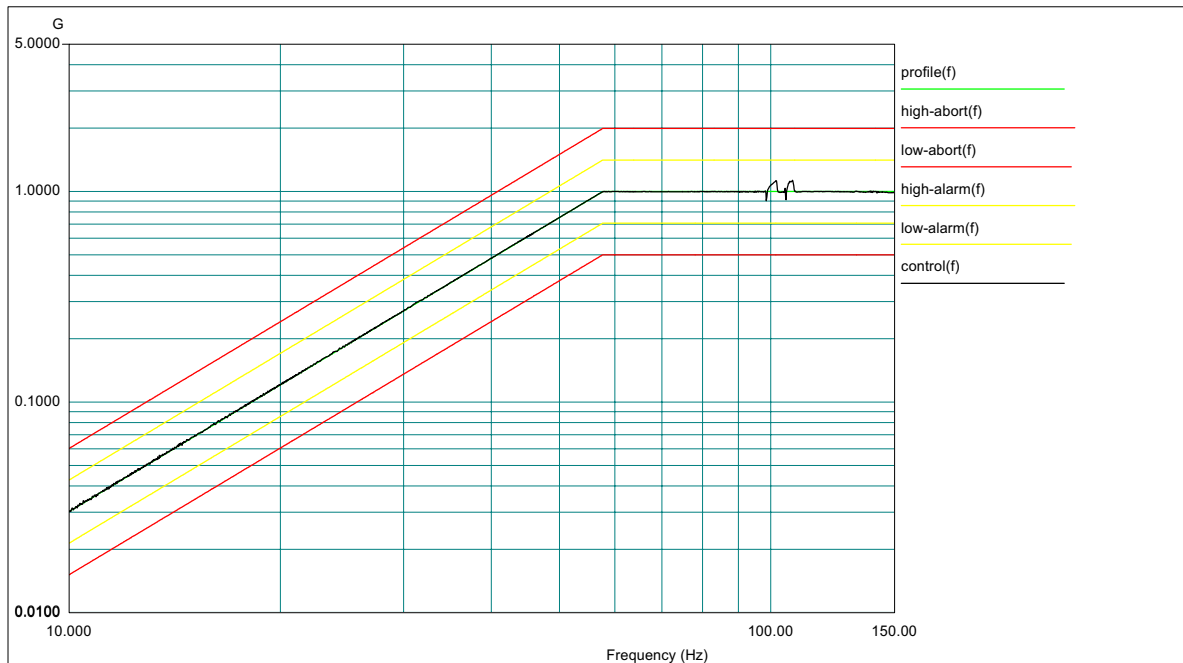
Left-Right

Project File Name: =S=10Hz 0.15mm.prj

Profile Name: 1.0G & 0.05In Pk-Pk.

Test Type: Swept Sine

Run Folder: \Run Jan 23,2002 14-16-18



Level: 100 % Control Peak: 0.030151 G Full Level Time: 00:39:05 Sweep Type: Logarithmic
Frequency: 10.001037 Hz Demand Peak: 0.030213 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min
Data saved at 02:58:21 PM, Wednesday, January 23, 2002 Report created at 02:58:22 PM, Wednesday, January 23, 2002

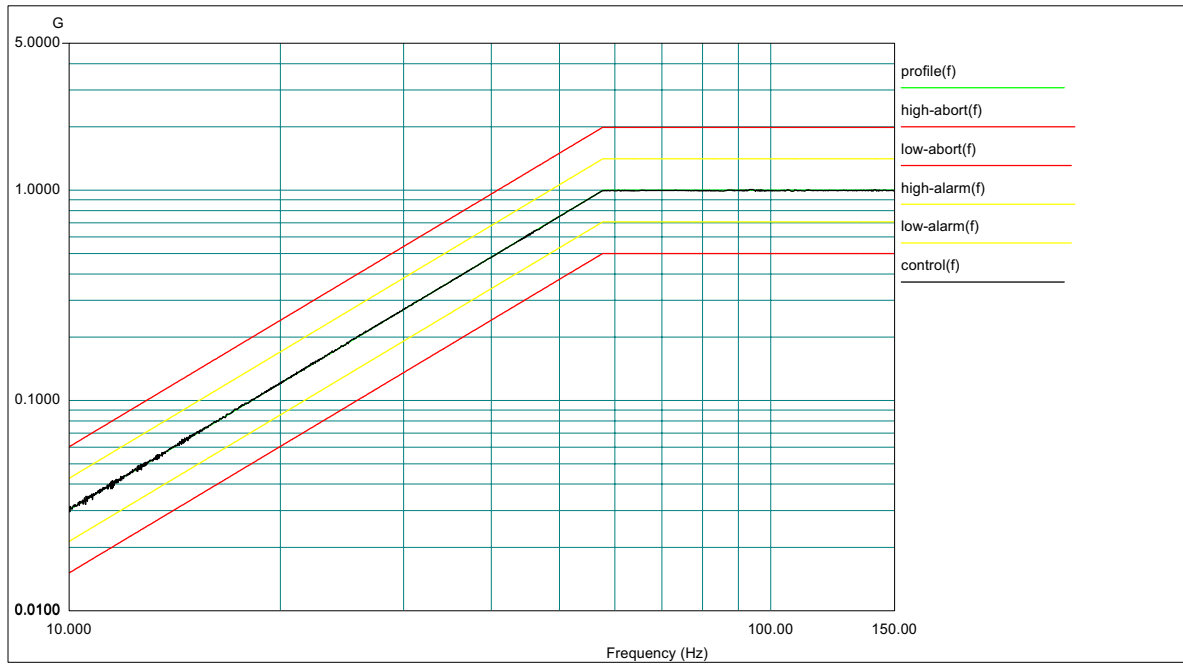
Front-Back

Project File Name: =S=10Hz 0.15mm.prj

Profile Name: 1.0G & 0.05In Pk-Pk.

Test Type: Swept Sine

Run Folder: \Run Jan 23,2002 13-27-24



Level: 100 % Control Peak: 0.031261 G Full Level Time: 00:39:05 Sweep Type: Logarithmic

Frequency: 10.001037 Hz Demand Peak: 0.030213 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 04:46:12 PM, Wednesday, January 23, 2002

Report created at 04:46:13 PM, Wednesday, January 23, 2002