



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

AMB-270AT-B1

QE Vibration Test Report

Release Date : Jan. 7, 2002

Issue Stamp

QE Manager

Test Engineer

Vibration

Model Name : AMB-270AT-B1

Test Date : 01-07-2002

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 :

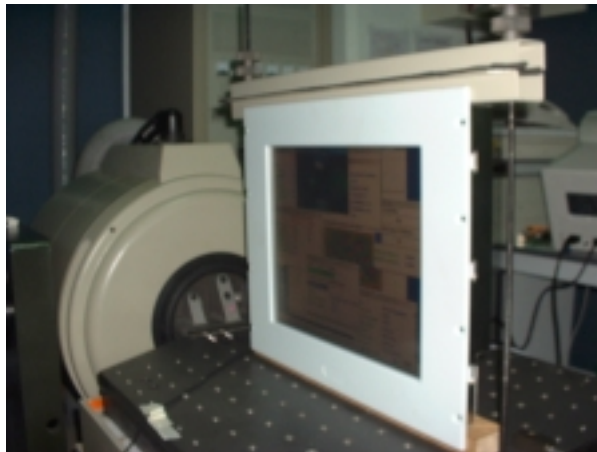
Item 1 : System structure doesn't deformation, LCD display function is OK during system test.

Testing photos

Top-Botton



Left-Right



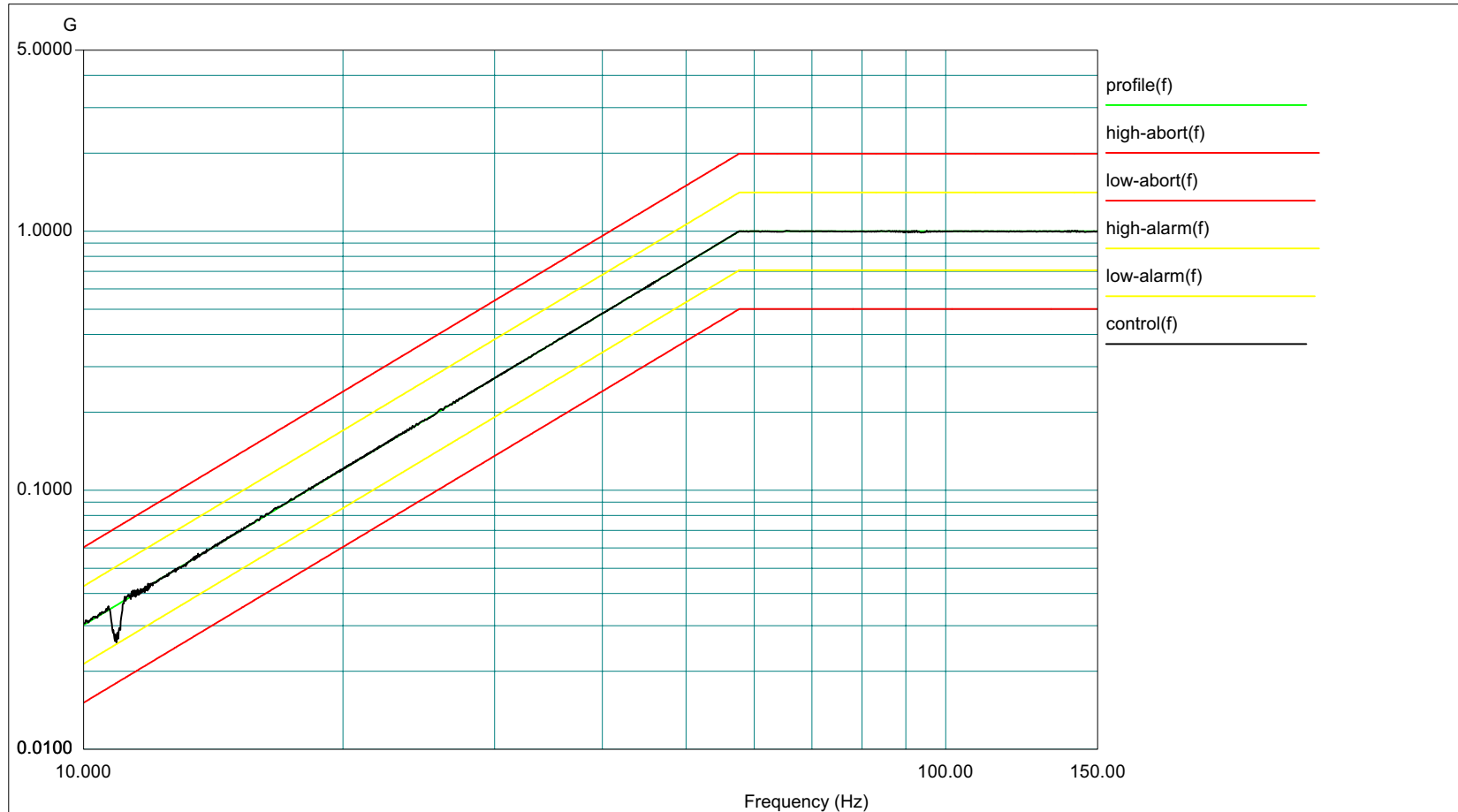
Front-Back



Project File Name: AMB-270AT-B1 10Hz 0.15mm.prj (Front-Back)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine

Run Folder: .\Run Jan 07,2002 13-52-15



Level: 100 % Control Peak: 0.029985 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 02:31:23 PM, Monday, January 07, 2002

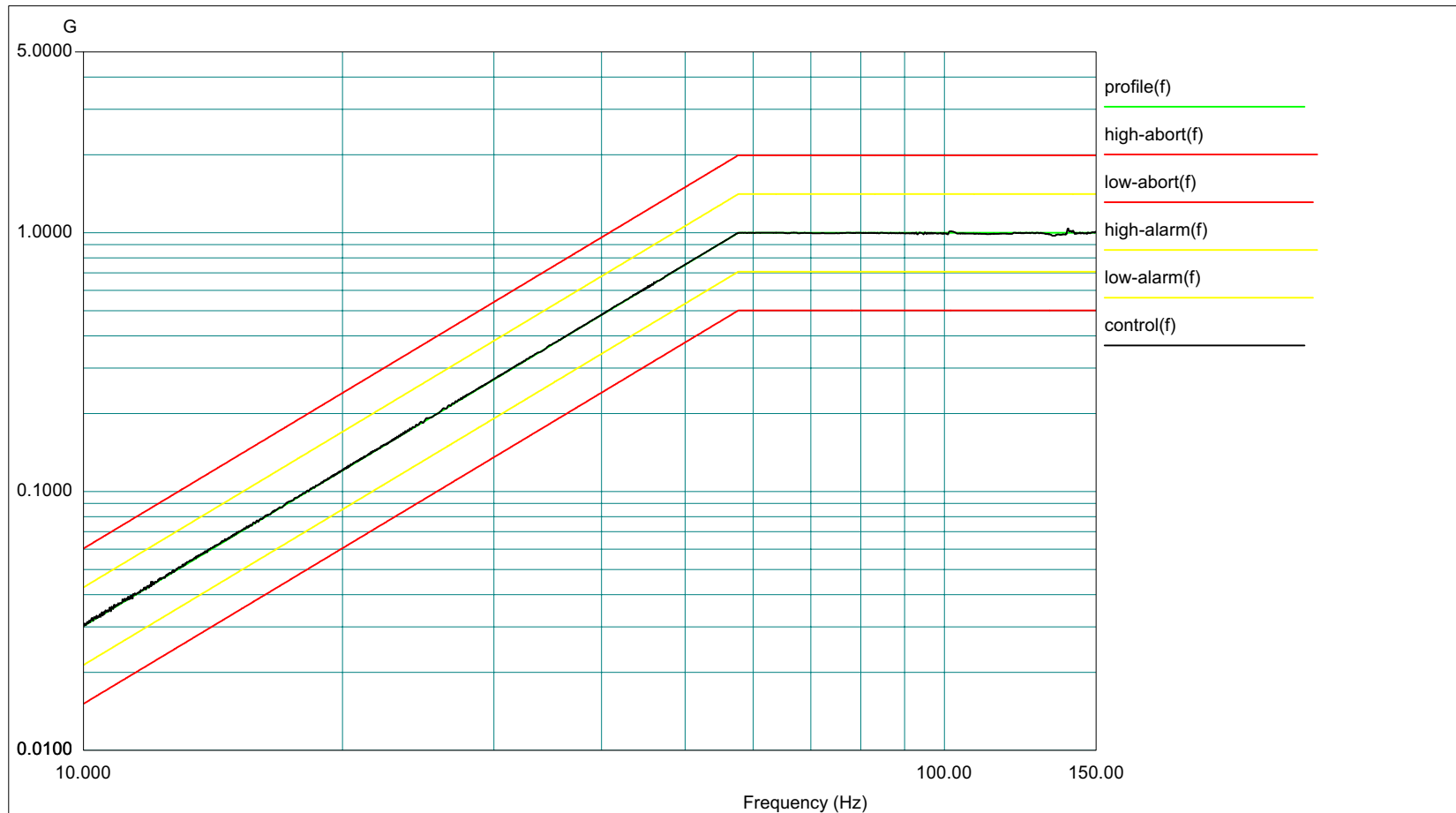
Report created at 02:31:29 PM, Monday, January 7, 2002

Project File Name: AMB-270AT-B1 10Hz 0.15mm.prj (Left-Right)

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

Test Type: Swept Sine

Run Folder: .\Run Jan 07,2002 14-39-33



Level: 100 %

Control Peak: 0.030975 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 03:18:48 PM, Monday, January 07, 2002

Report created at 03:27:27 PM, Monday, January 7, 2002

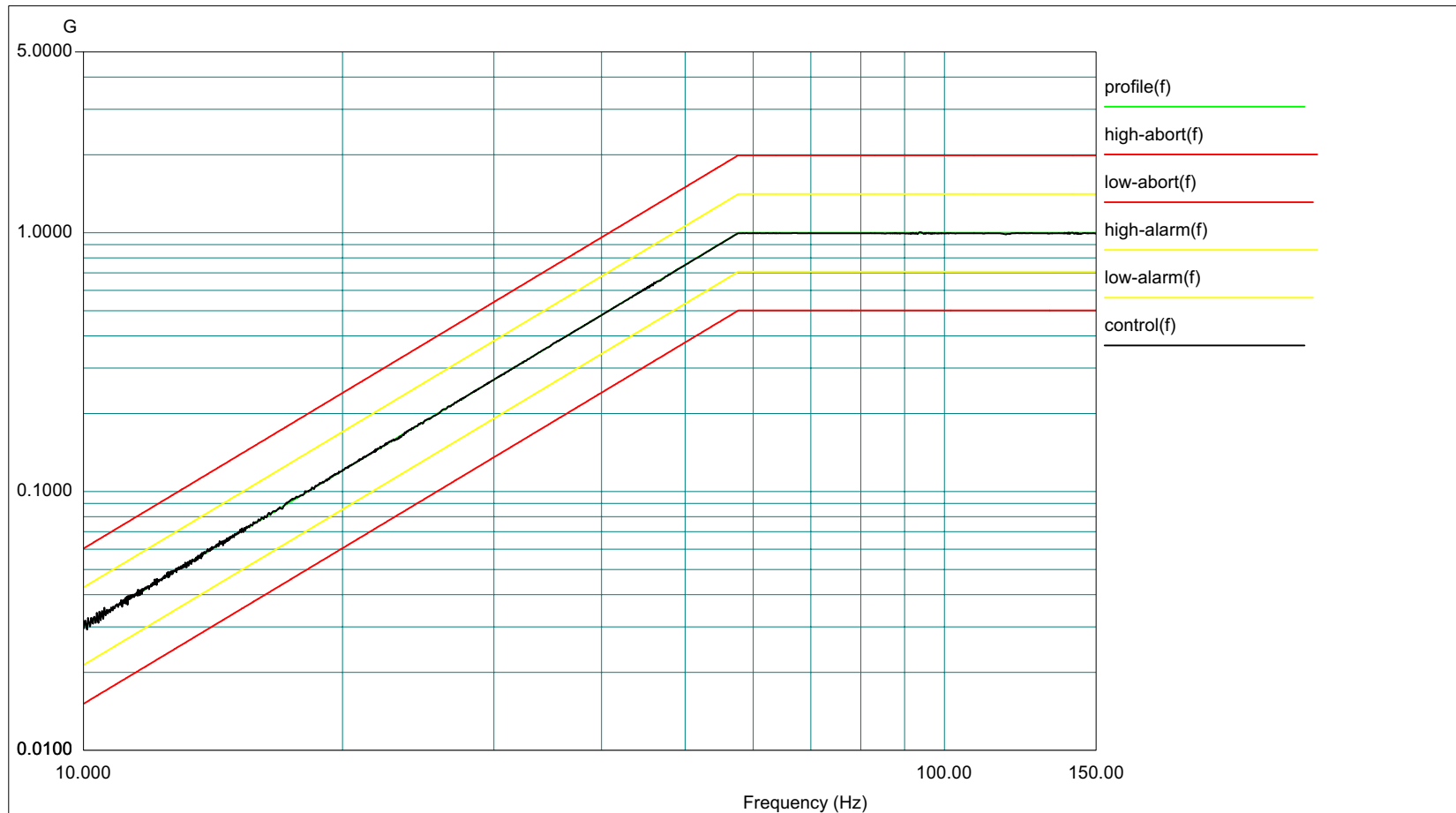
Project File Name: AMB-270AT-B1 10Hz 0.15mm.prj (Top-Bottom)

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

Test Type: Swept Sine

Run Folder:

.Run Jan 07,2002 10-56-01



Level: 100 %

Control Peak: 0.030268 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 11:53:26 AM, Monday, January 07, 2002

Report created at 11:53:37 AM, Monday, January 7, 2002