



AAEONTechnology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

AHB-150

QE Vibration Test Report

Release Date : Dec. 11, 2001

Issue Stamp

QE Manager

Test Engineer

Vibration

Model Name : AHB-150
Test Date : 12-11-2001
Test Site : AAEON QE Dept.
Performed by : Rex Chang

TEST ENVIRONMENT :

Temperature : 20 ± 2
Humidity : 60 ± 20%RH

VIBRATION TEST SPECIFICATION :

< Item 1 >

Waveform : Sine wave
Frequency : 20 ~ 50 ~ 20Hz(1oct./min)
Acceleration : 1g
Orientation : X , Y , Z (3 axes)
Duration : 30min./ each axis
Sample condition : Unpacked , Operation

< Item 2 >

Waveform : Sine wave
Frequency : 20 ~ 50 ~ 20Hz(1oct./min)
Acceleration : 2g
Orientation : X , Y , Z (3 axes)
Duration : 30min./ each axis
Sample condition : Unpacked , Non-operation

TEST RESULT :

- Item 1** : System structure doesn' t deformation , LCD display function is OK during system test.
- Item 2** : System structure doesn' t deformation , LCD display function is OK after turn on the power.

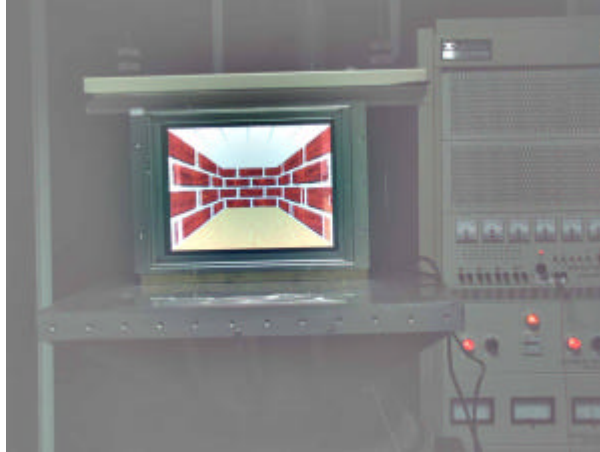
< Item 1 >

Sample condition : Unpacked , Operation

Acceleration : 1g

Testing photos

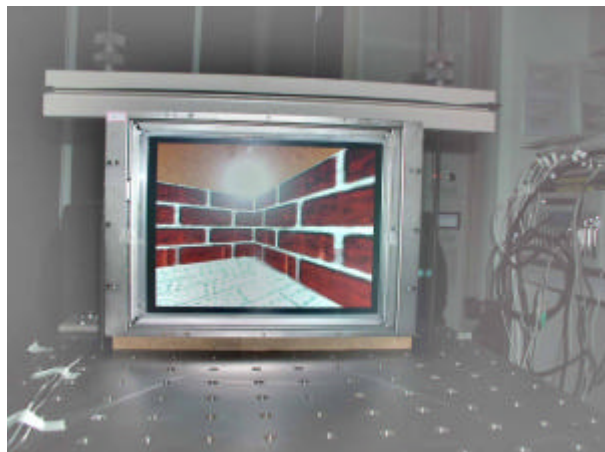
Top-Botton



Left-Right



Front-Back



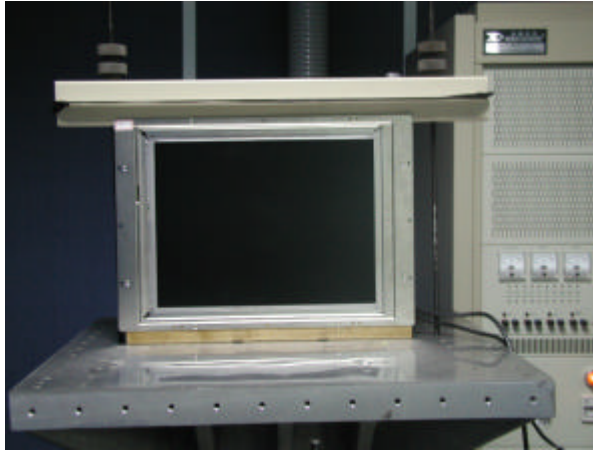
< Item 2 >

Sample condition : Unpacked , Non-operation

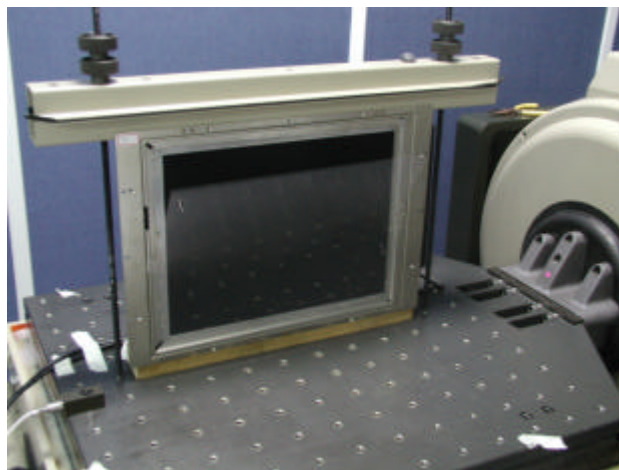
Acceleration : 2g

Testing photos

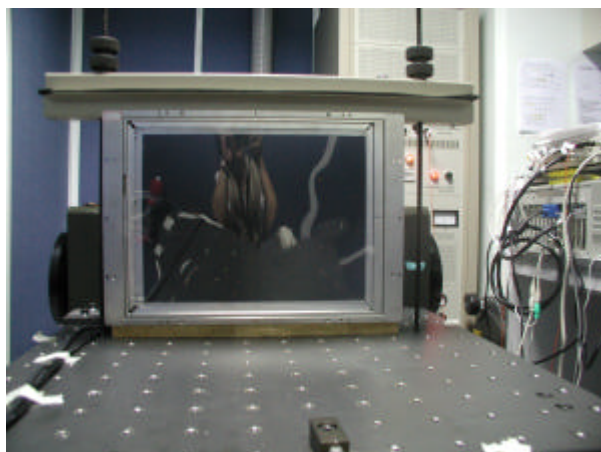
Top-Botton



Left-Right

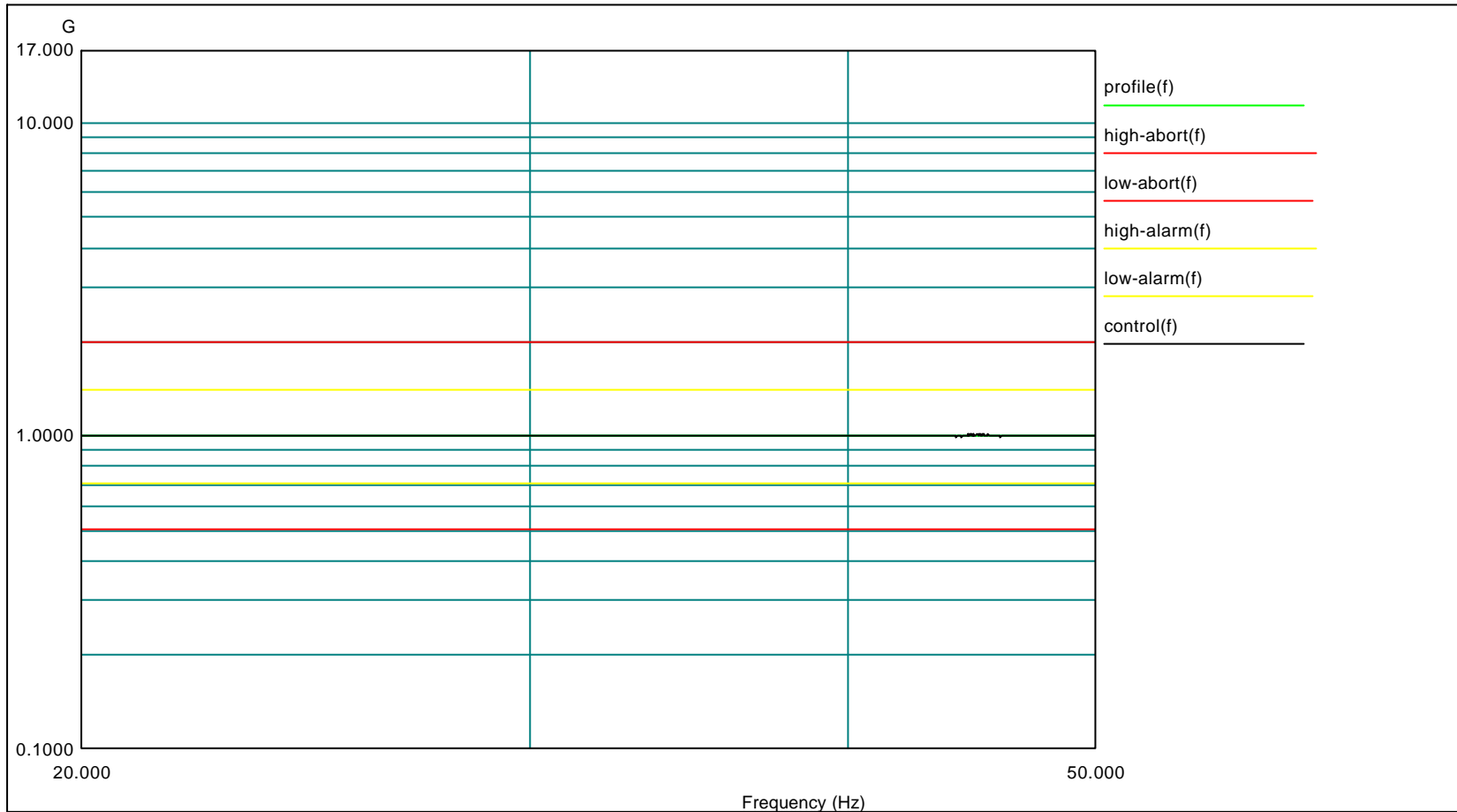


Front-Back



Project File Name : AHB-150 (20~50~20Hz , 1g Front-Back)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine Run Folder: .\Run Dec 10,2001 11-09-26



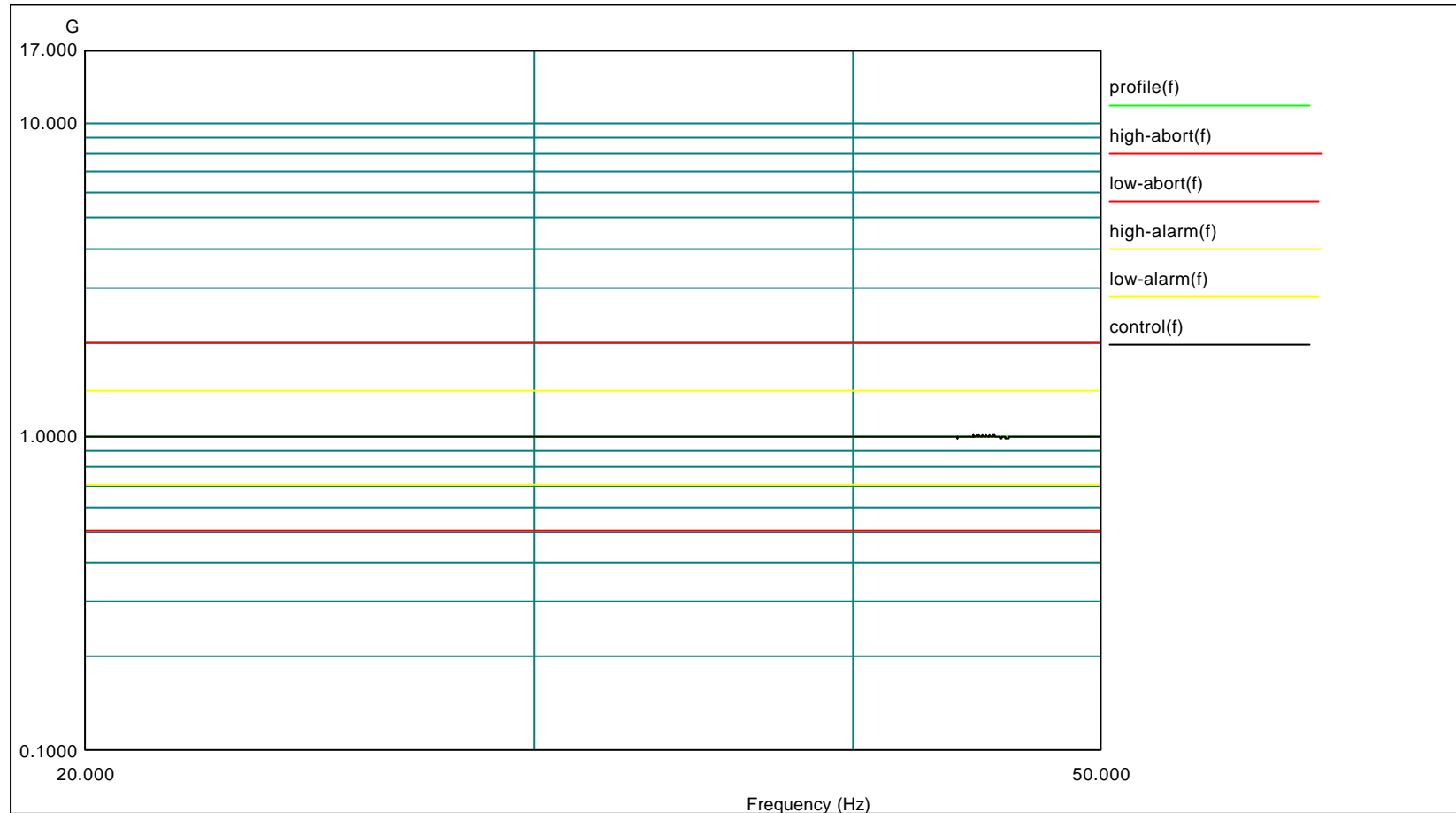
Level: 100 % Control Peak: 0.999547 G Full Level Time: 00:29:06 Sweep Type: Logarithmic

Frequency: 20.001516 Hz Demand Peak: 1.000000 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 11:39:08 AM, Monday, December 10, 2001 Report created at 11:39:09 AM, Monday, December 10, 2001

Project File Name: AHB-150 (20~50~20Hz , 1g Left-Right)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine Run Folder: .\Run Dec 10,2001 10-25-08



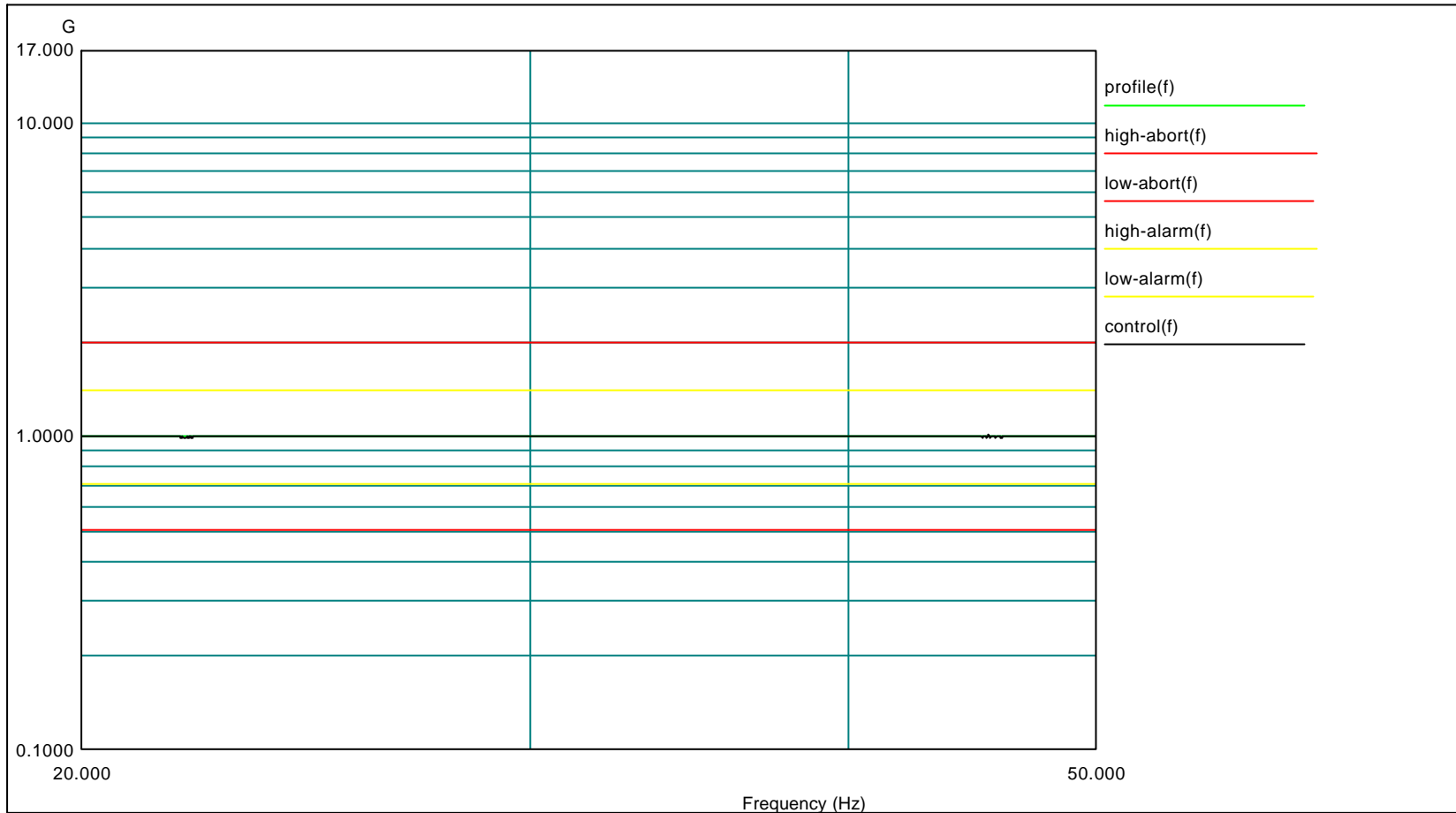
Level: 100 % Control Peak: 0.998841 G Full Level Time: 00:29:06 Sweep Type: Logarithmic

Frequency: 20.001516 Hz Demand Peak: 1.000000 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 11:02:09 AM, Monday, December 10, 2001 Report created at 11:02:10 AM, Monday, December 10, 2001

Project File Name : AHB-150 (20~50~20Hz , 1g Top-Botton)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine Run Folder: .\Run Dec 10,2001 18-58-03



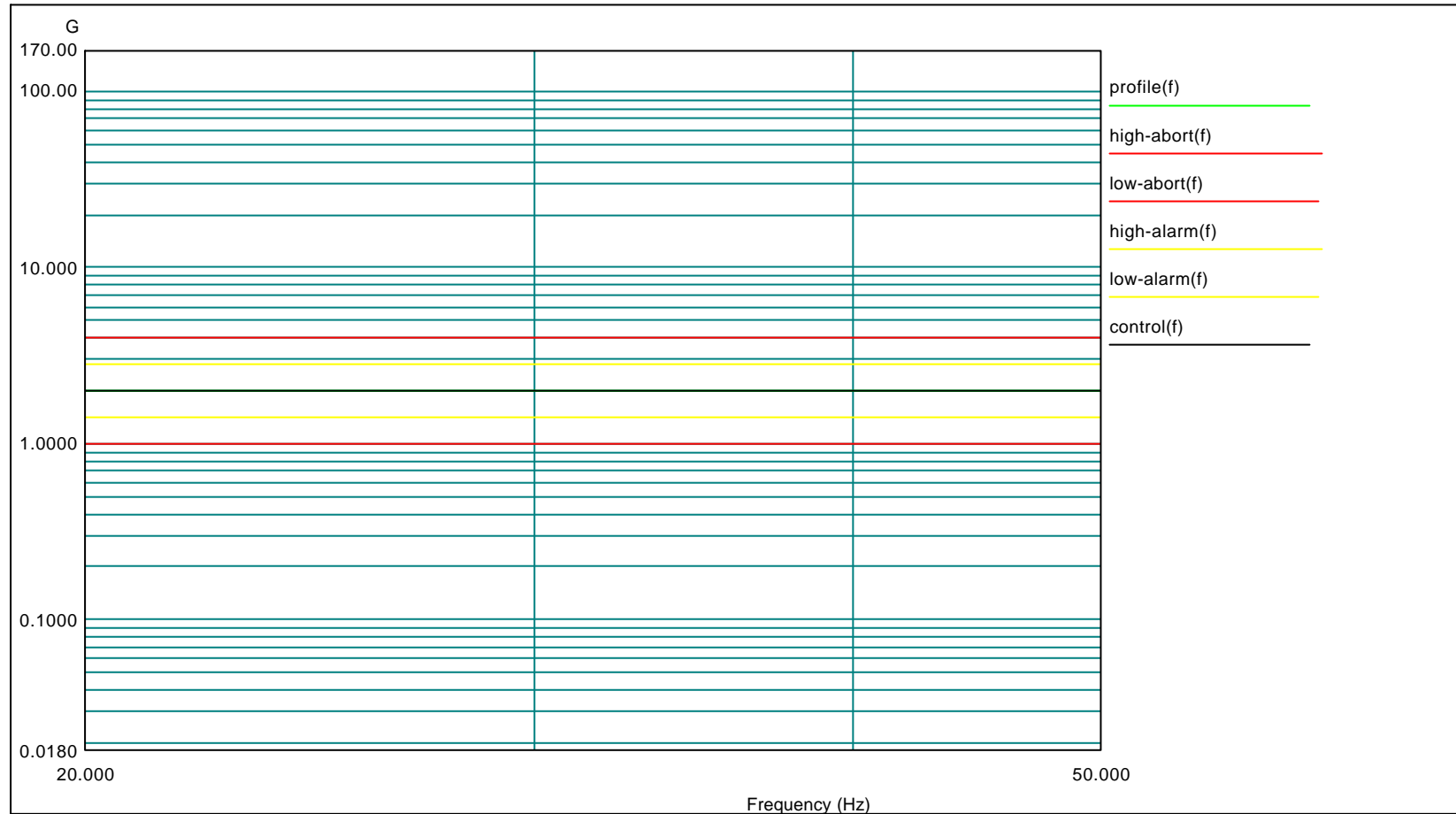
Level: 100 % Control Peak: 0.999371 G Full Level Time: 00:29:06 Sweep Type: Logarithmic

Frequency: 20.001516 Hz Demand Peak: 1.000000 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 07:39:00 PM, Monday, December 10, 2001 Report created at 07:39:01 PM, Monday, December 10, 2001

Project File Name: AHB-150 (20~50~20Hz , 2g Front-Back)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine Run Folder: .\Run Dec 10,2001 12-04-03



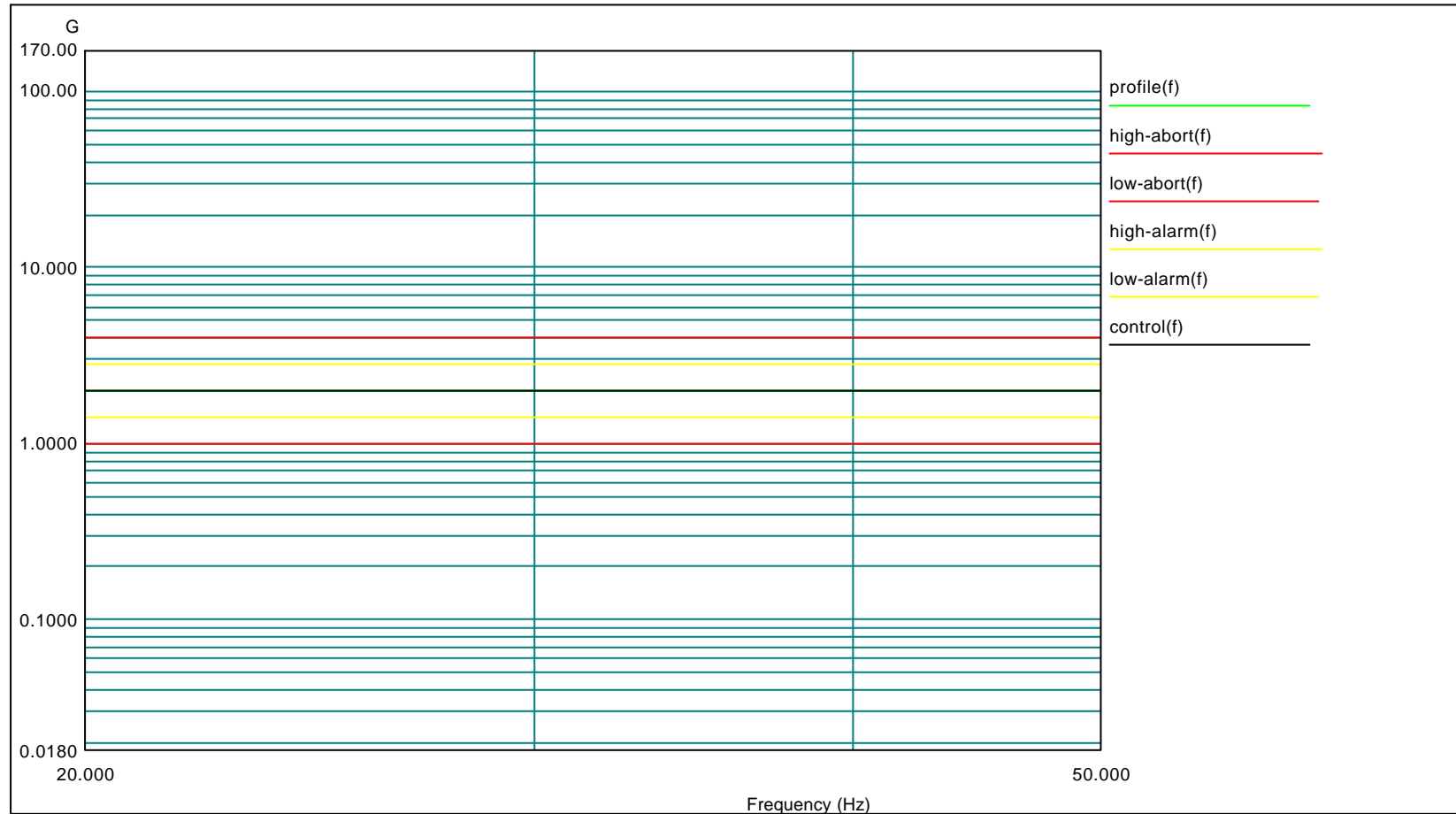
Level: 100 % Control Peak: 1.998503 G Full Level Time: 00:29:06 Sweep Type: Logarithmic

Frequency: 20.001516 Hz Demand Peak: 2.000000 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 12:44:05 PM, Monday, December 10, 2001 Report created at 12:44:06 PM, Monday, December 10, 2001

Project File Name: (20~50~20Hz , 2g Left-Right)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine Run Folder: .\Run Dec 10,2001 09-21-15



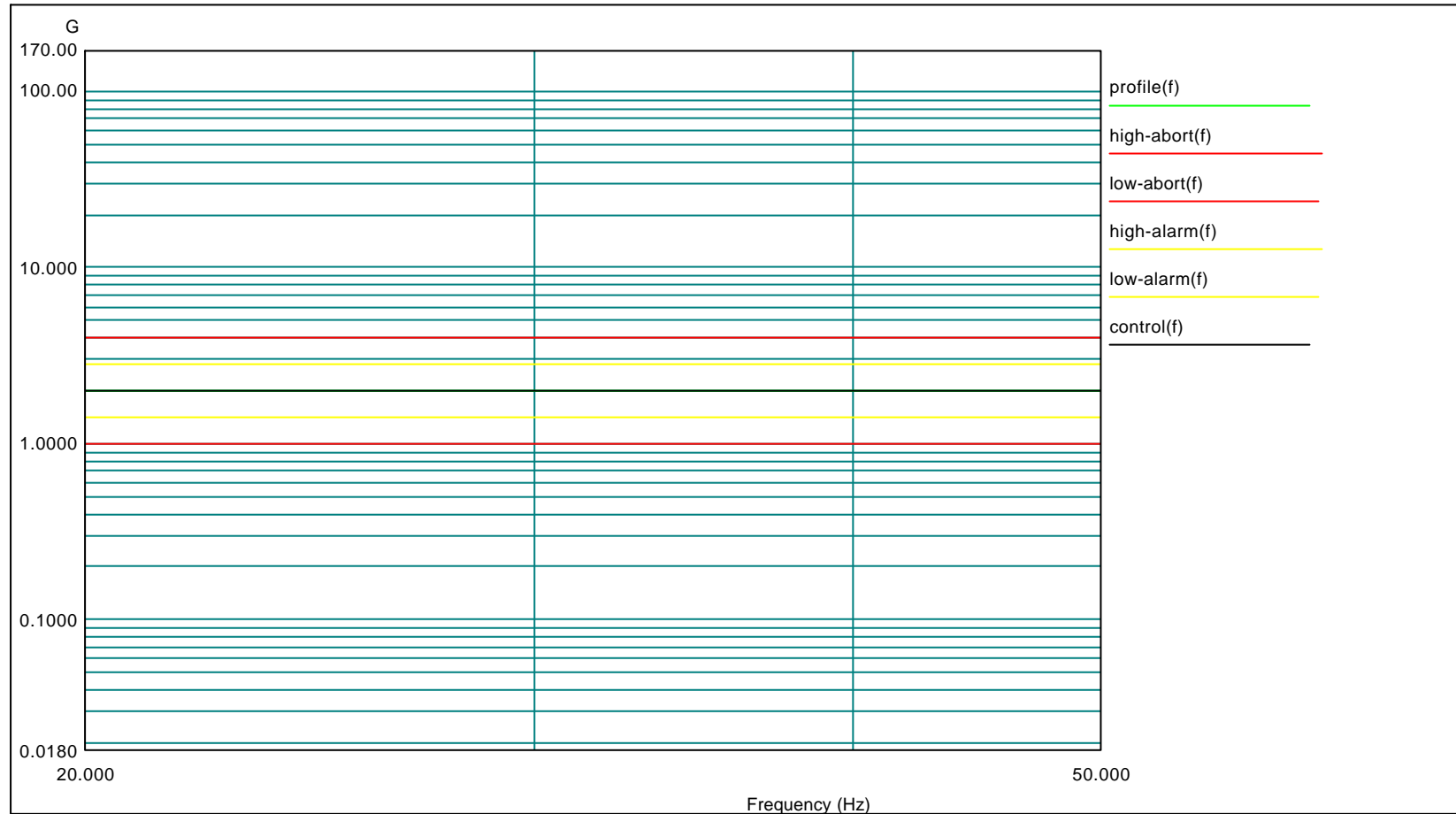
Level: 100 % Control Peak: 1.999379 G Full Level Time: 00:29:06 Sweep Type: Logarithmic

Frequency: 20.001516 Hz Demand Peak: 2.000000 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 10:20:48 AM, Monday, December 10, 2001 Report created at 10:20:58 AM, Monday, December 10, 2001

Project File Name: (20~50~20Hz , 1g Top-Botton)

Profile Name: 1.0G & 0.05In Pk-Pk. Test Type: Swept Sine Run Folder: .\Run Dec 10,2001 18-18-24



Level: 100 % Control Peak: 1.996227 G Full Level Time: 00:29:06 Sweep Type: Logarithmic

Frequency: 20.001516 Hz Demand Peak: 2.000000 G Time Remaining: 00:00:00 Sweep Rate: 1 Oct/Min

Data saved at 06:54:55 PM, Monday, December 10, 2001 Report created at 06:54:57 PM, Monday, December 10, 2001