

# AMB-551

## Vibration Test Report

Report NO :

Issued by: Terry Huang / 11/20/2002

Reviewed by: Jonny Cheng / 11/20/2002

**Test Date:** 11-20-2002

**Test Product:** AMB-551

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

**Performed By :** Terry Huang

**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 : 0.75G (Peak To Peak, Sine Wave)
3. Test Frequency : 10-150Hz
4. Test Axis : X ,Y,Z axes
5. Test Time : 40min each axis (5 cycle)
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :

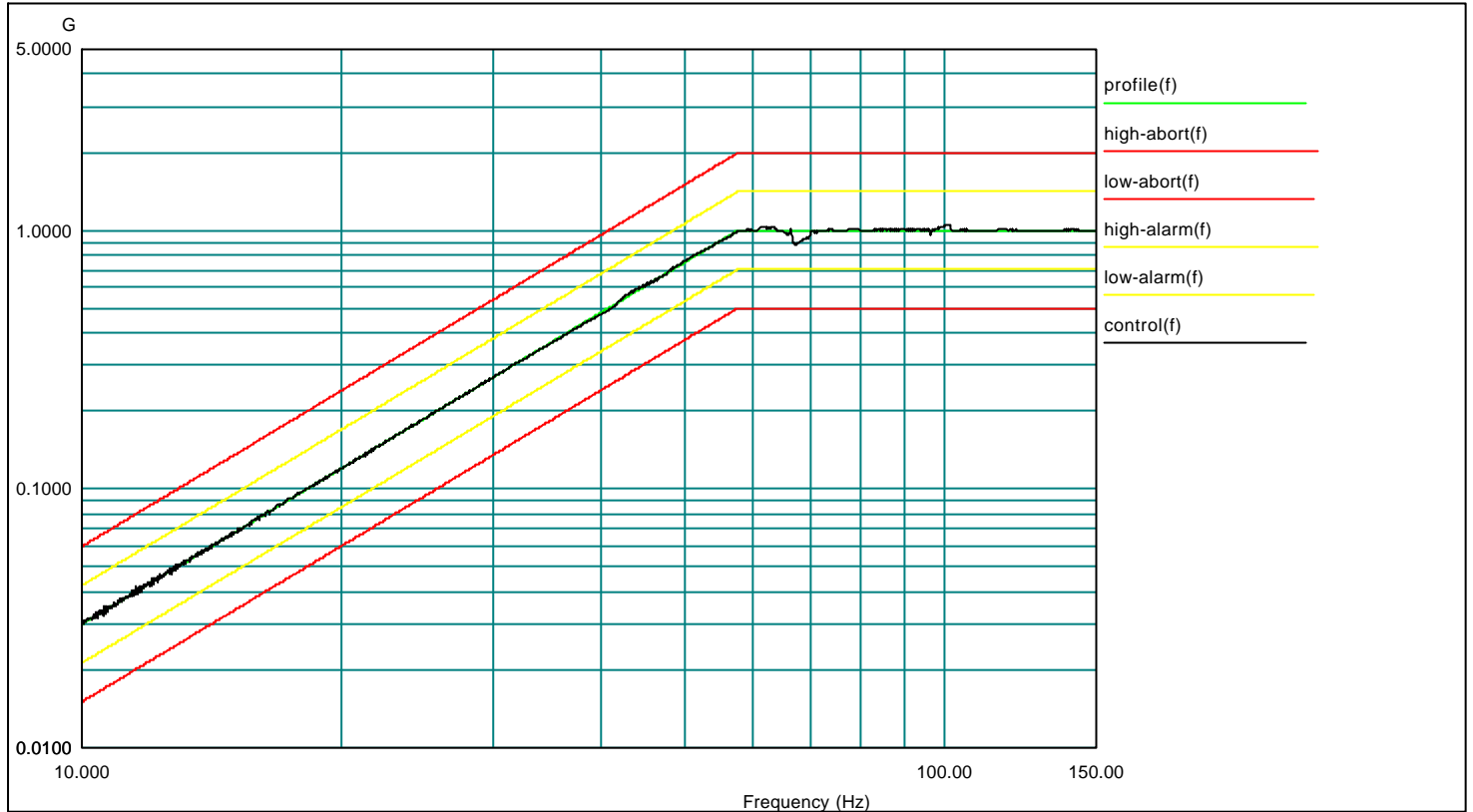
Project File Name: =S=.prj X Axis

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

Test Type: Swept Sine

Run Folder:

.\Run Nov 20,2002 15-33-50



Level: 100 %

Control Peak: 0.030561 G Full Level Time: 00:39:05

Sweep Type:

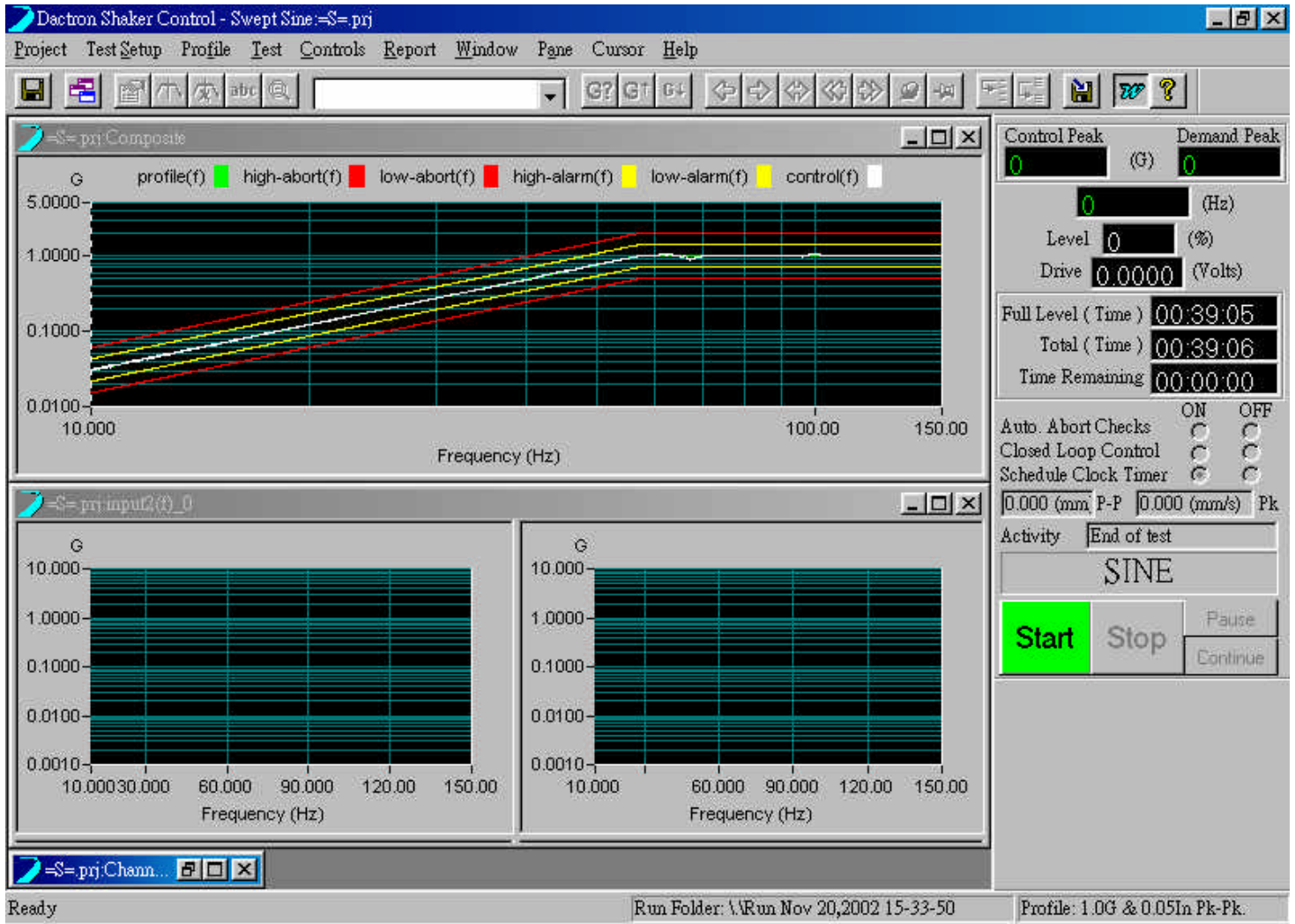
Logarithmic

Frequency: 10.001037 Hz

Demand Peak: 0.030213 G Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Project File Name: =S=.prj x axis



Data saved at 04:22:36 PM, Wednesday, November 20, 2002  
Report created at 04:22:48 PM, Wednesday, November 20, 2002

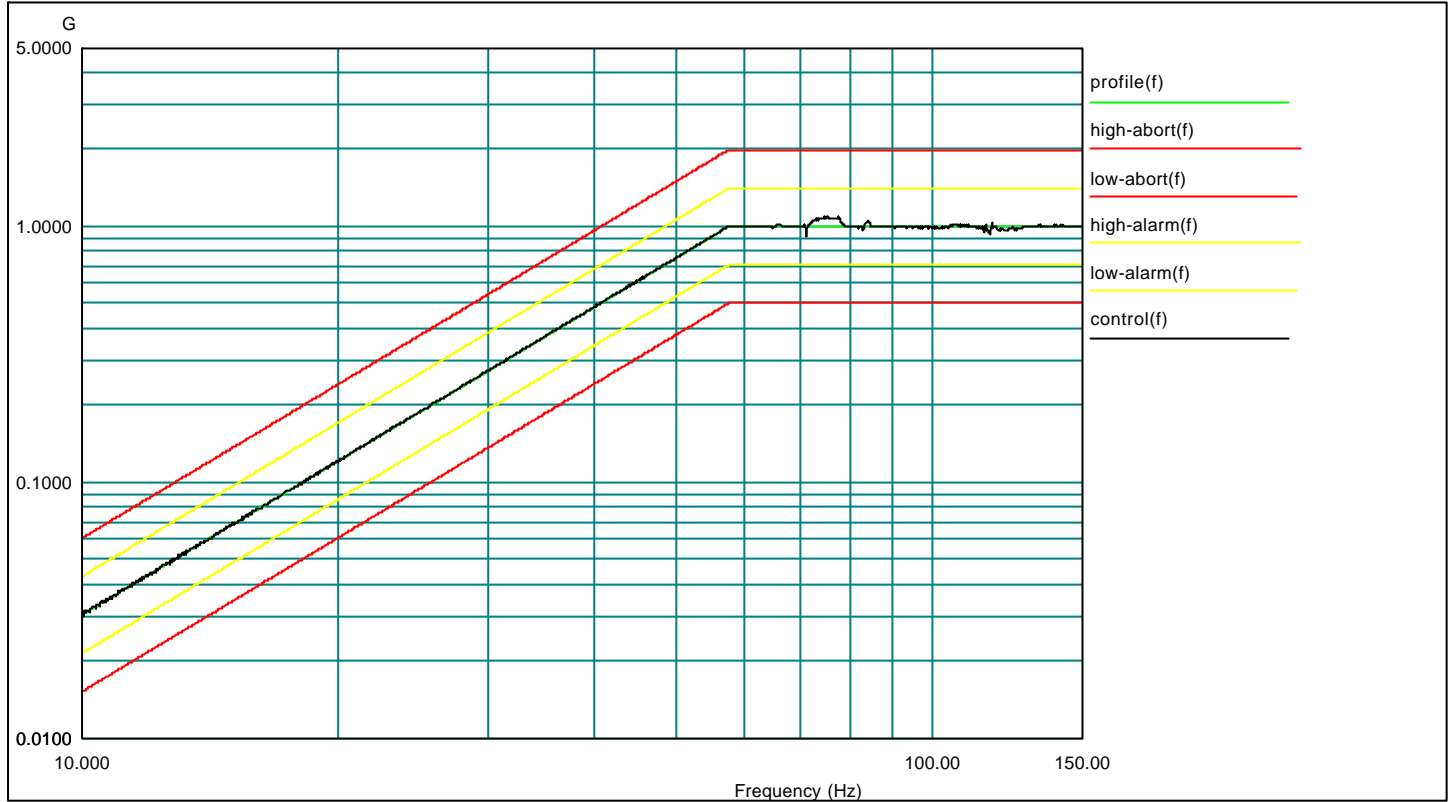
Project File Name: =S=.prj Y Axis

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

Test Type: Swept Sine

Run Folder:

.\Run Nov 20,2002 18-18-31



Level: 100 % Control Peak: 0.030863 G Full Level Time: 00:39:05 Sweep Type:

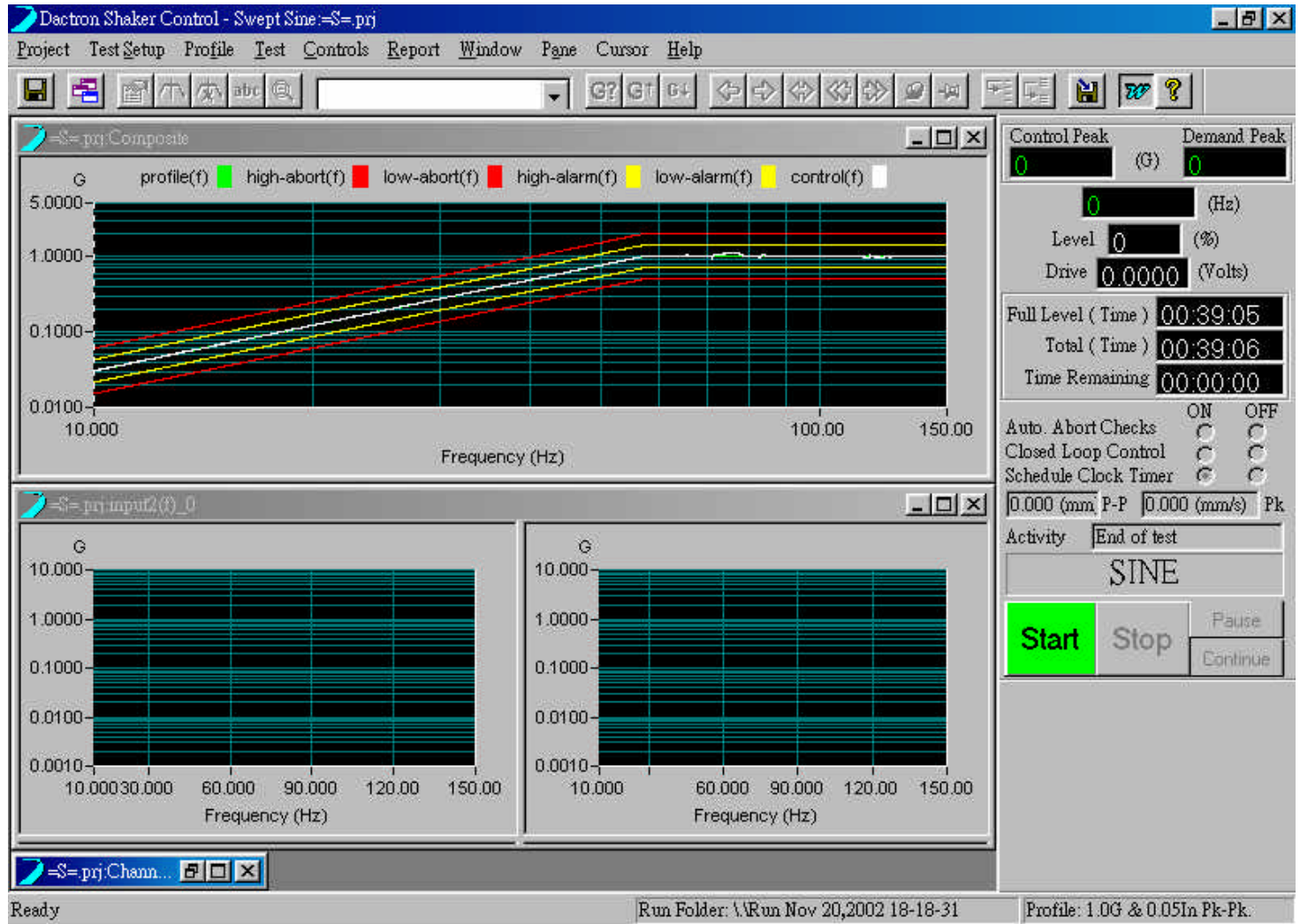
Logarithmic

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

Data saved at 07:04:54 PM, Wednesday, November 20, 2002

Report created at 07:04:56 PM, Wednesday, November 20, 2002

Project File Name: =S=.prj



Data saved at 07:04:55 PM, Wednesday, November 20, 2002

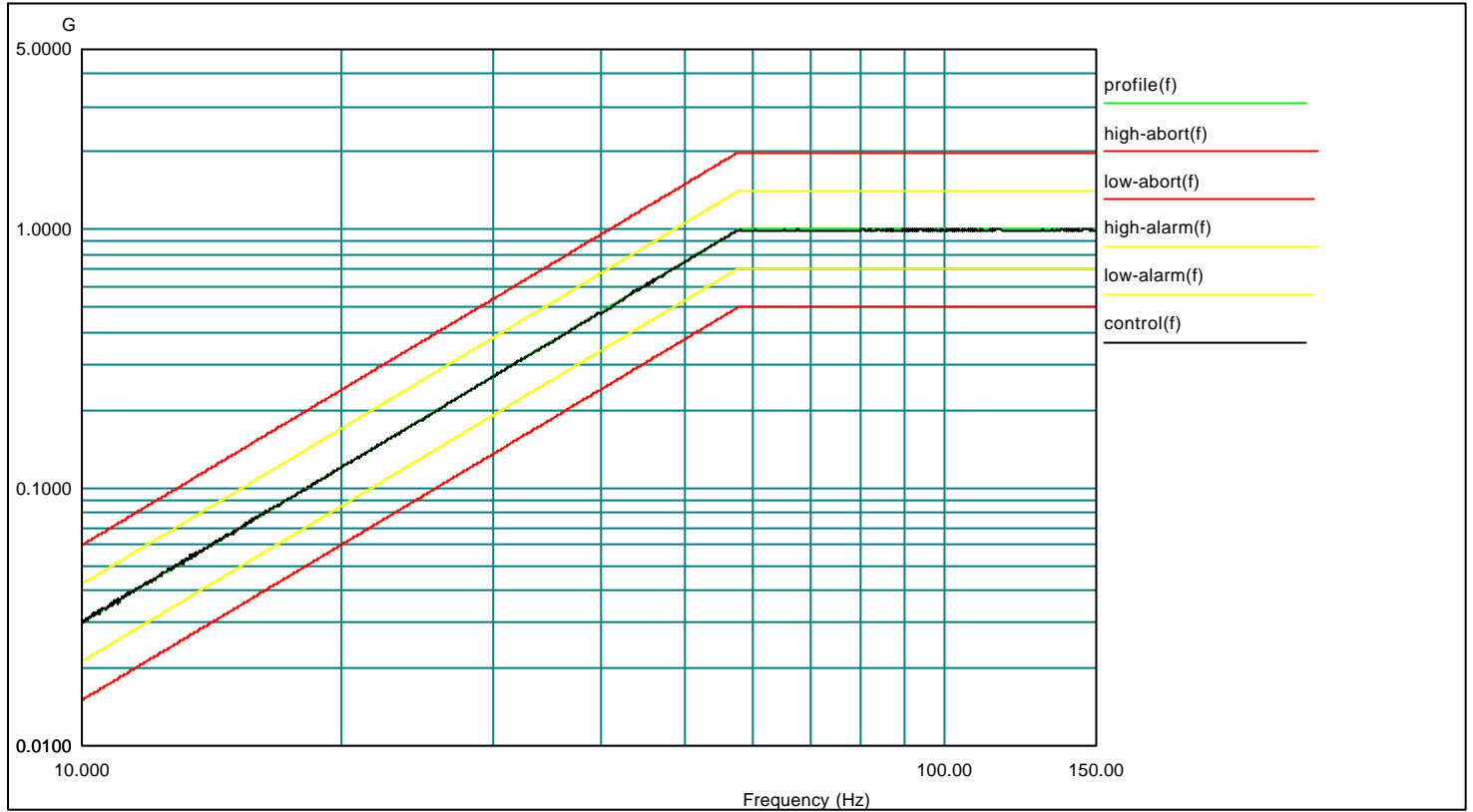
Report created at 07:04:56 PM, Wednesday, November 20, 2002

Project File Name: =S=.prj

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

Test Type: Swept Sine

Run Folder: .\Run Nov 21,2002 10-15-39



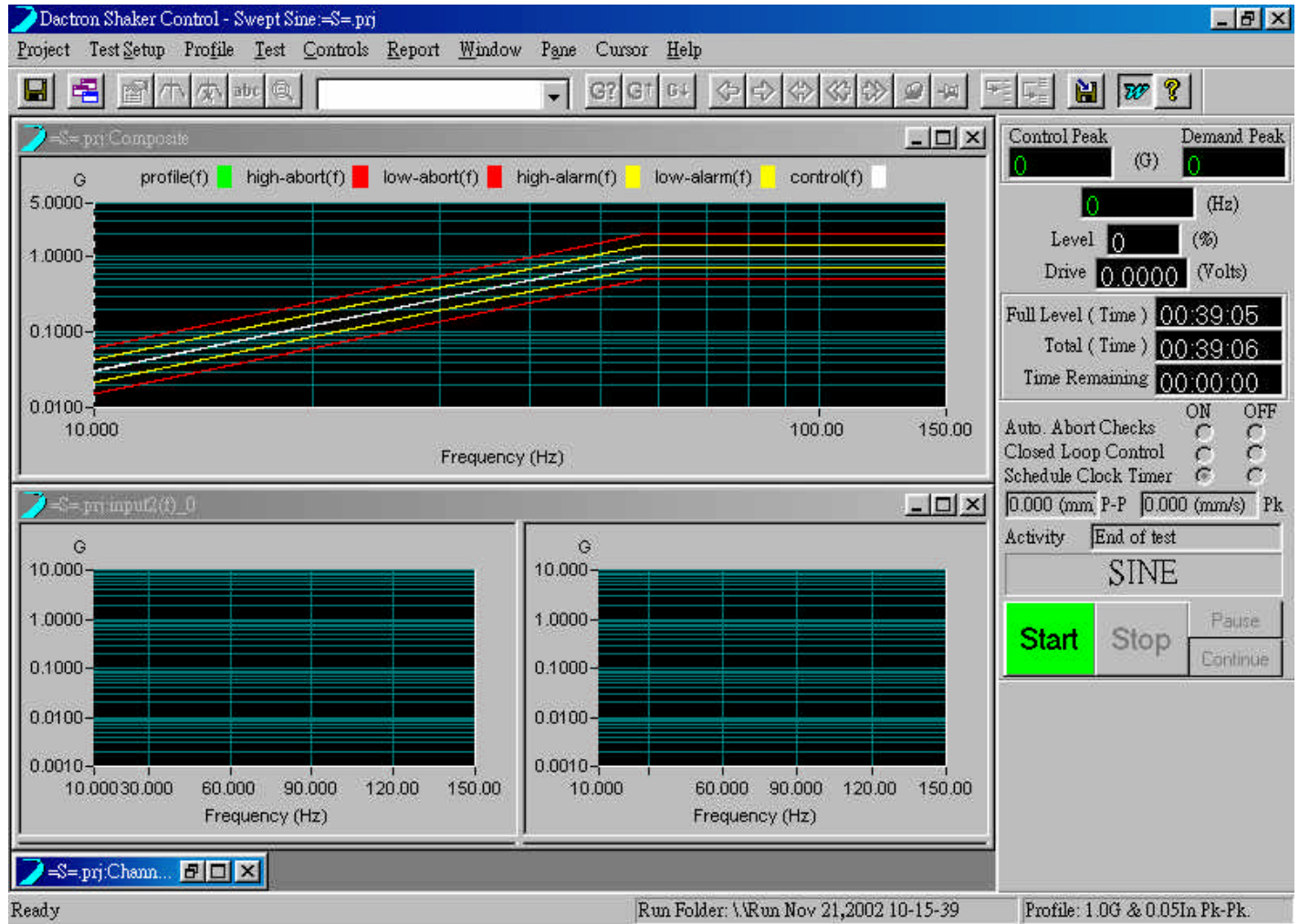
Level: 100 % Control Peak: 0.029664 G Full Level Time: 00:39:05 Sweep Type: Logarithmic

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

Data saved at 11:10:11 AM, Thursday, November 21, 2002

Report created at 11:10:23 AM, Thursday, November 21, 2002

Project File Name: =S=.prj



Data saved at 11:10:11 AM, Thursday, November 21, 2002  
Report created at 11:10:24 AM, Thursday, November 21, 2002



Project File Name: =S=.prj

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

Test Type: Swept Sine

Run Folder: .\Run Nov 21,2002 10-15-39

### **Sample Configuration & Quantity Under Test :**

Using one AMB-551 industrial panel PCs.

1. CPU : P3-850
2. Memory : 128MB
3. HDD : Segagate ST34311A 4.3G

### **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 AMB-551 industrial panel PCs. meets Vibration 1G operation test.