

## TESTING / INSPECTION REPORT

REPORT NO : VT-080221-1

COMPANY : Apacer Technology Inc.

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SPECIMEN : ATA Disk Module

DATE OF RECEIVED : 2008/01/26

DATE OF TESTED : 2008/01/26

TEST / INSPECTION ITEMS : Vibration Test

### REMARKS :

- The laboratory is accredited by ISO/IEC 17025 General Requirements for the Competence of Calibration and Testing Laboratory.
- The results only apply to the device under test.
- This report is 8 pages, and no part of it may be abstracted or reproduced.

Test Engineer : <i>Angus Wu</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Jason Shih</i>

## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

- 1.Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,  
 S/N : GUG02102091  
 2.Controller : DACTRON FRONT-End Box, S/N:7459933  
 3.Control Accelerometer : Wilcoxon Research WR-777, S/N:4207

### TEST ENVIRONMENT :

- Temperature : 19.3°C (25±10°C)  
 Relative Humidity : 72% RH (60±20% RH)

### SPECIMEN :

- Model : ADM III  
 Quantity : 2 pieces

### TEST SPECIFICATION :

- Sine vibration test (Non-Operation)  
 Frequency : 10~2000 Hz  
 Displacement : 1.52 mm (10~70 Hz)  
 Acceleration : 15 g (70~2000 Hz)  
 Sweep Rate : 20 min/cycle  
 Test Axis : X, Y, Z axis  
 Test Time : 1 hrs (Each axis)  
 Total Test Time : 3 hrs

### TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---




## TESTING / INSPECTION REPORT

### Testing photos

#### Non-Operation



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Testing photos	
<b>AXIS X</b>	<b>AXIS Y</b>
	
<b>AXIS Z</b>	
	

## TESTING / INSPECTION REPORT

### Testing photos

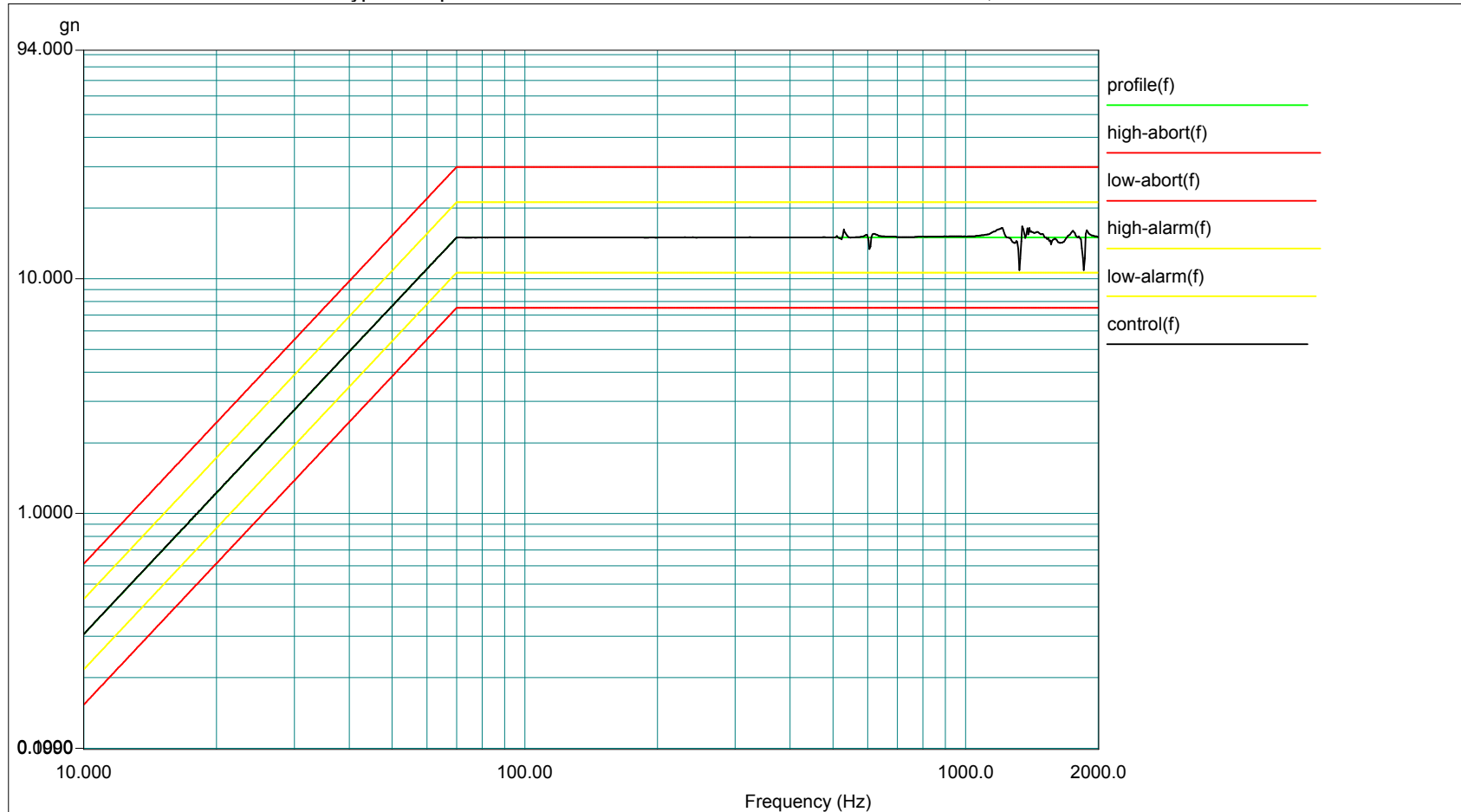
#### After test



Axis X

Project File Name: 宇瞻 10~2000Hz 1.52mm 15g.prj

Profile Name: Test Type: Swept Sine Run Folder: .\RunDefault Jan 26,2008 13-24-35



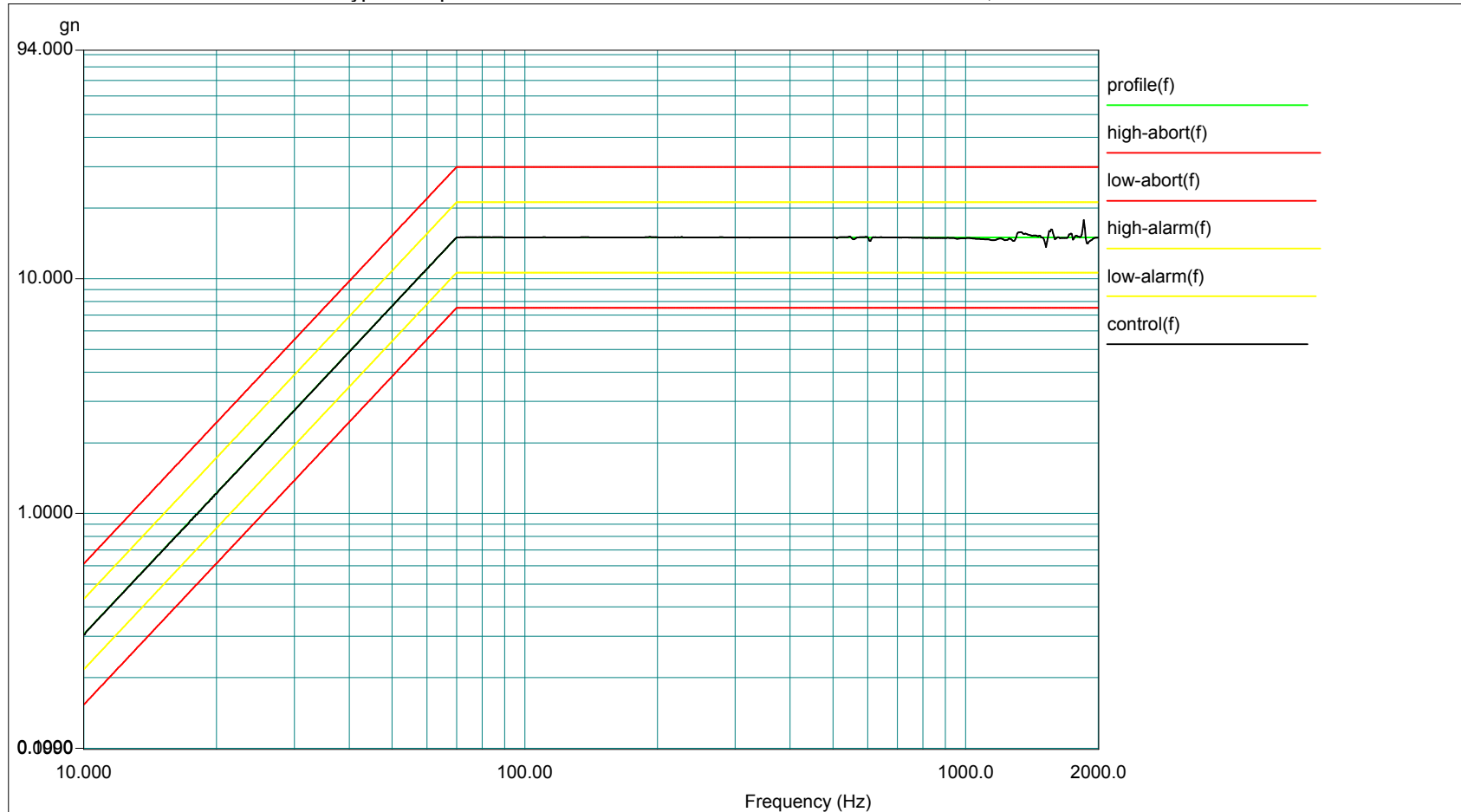
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Level: 100 % Control Peak: 15.070021 gn Full Level Time: 01:00:00 Sweep Type: Logarithmic  
 Frequency: 1994.124023 Hz Demand Peak: 14.999999 gn Time Remaining: 00:00:00 Sweep Rate: 0.764 Oct/Min  
 Data saved at 02:24:38 PM, Saturday, January 26, 2008 Report created at 02:24:39 PM, Saturday, January 26, 2008

Axis Y

Project File Name: 宇瞻 10~2000Hz 1.52mm 15g.prj

Profile Name: Test Type: Swept Sine Run Folder: .\RunDefault Jan 26,2008 14-41-21



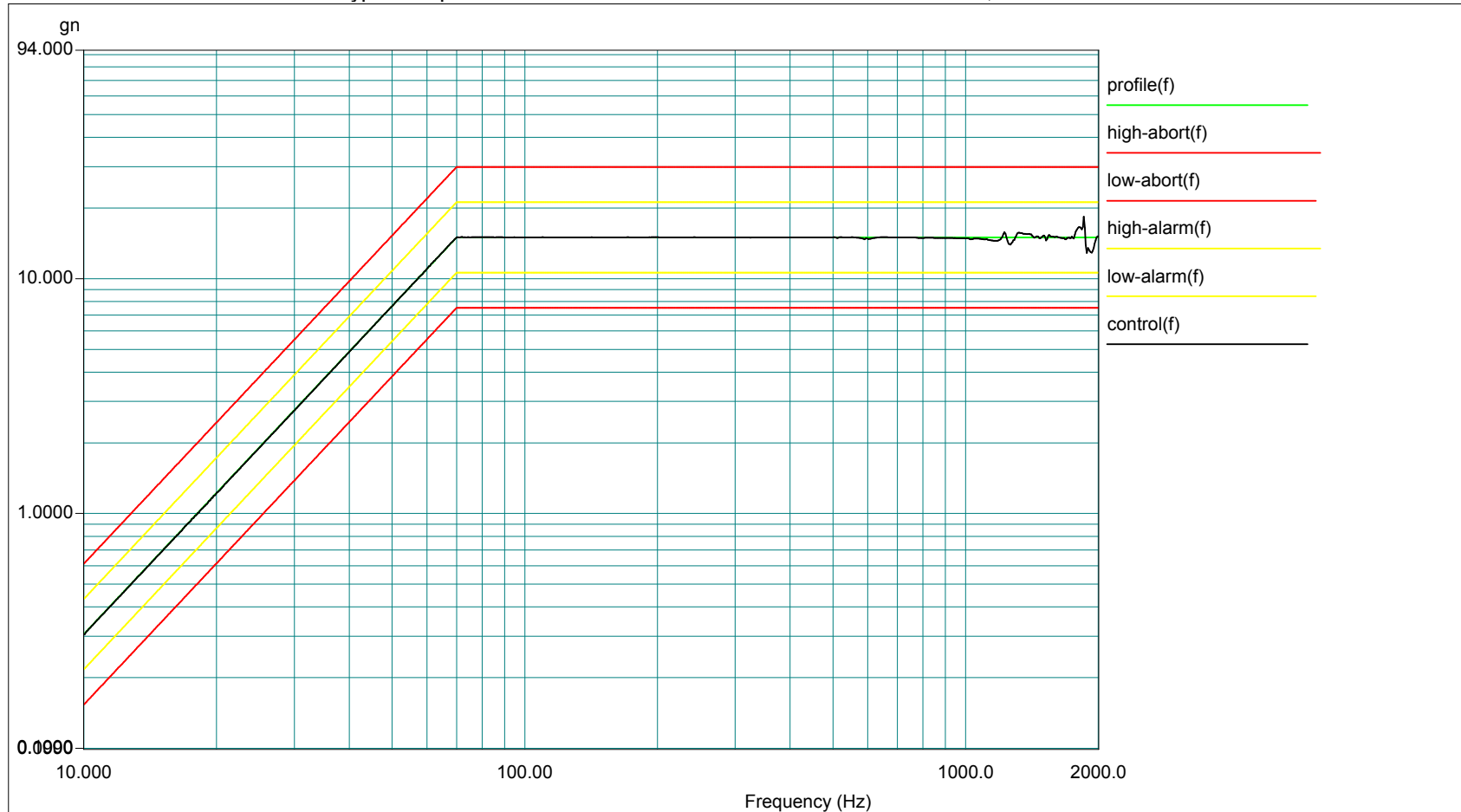
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Level: 100 % Control Peak: 0.305053 gn Full Level Time: 01:00:00 Sweep Type: Logarithmic  
 Frequency: 10.034885 Hz Demand Peak: 0.309137 gn Time Remaining: 00:00:00 Sweep Rate: 0.764 Oct/Min  
 Data saved at 03:41:24 PM, Saturday, January 26, 2008 Report created at 03:41:25 PM, Saturday, January 26, 2008

Axis Z

Project File Name: 宇瞻 10~2000Hz 1.52mm 15g.prj

Profile Name: Test Type: Swept Sine Run Folder: .\RunDefault Jan 26,2008 11-23-54



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Level: 100 % Control Peak: 0.305251 gn Full Level Time: 01:00:00 Sweep Type: Logarithmic  
 Frequency: 10.032997 Hz Demand Peak: 0.309137 gn Time Remaining: 00:00:00 Sweep Rate: 0.764 Oct/Min  
 Data saved at 12:23:57 PM, Saturday, January 26, 2008 Report created at 12:24:05 PM, Saturday, January 26, 2008