

**TESTING / INSPECTION REPORT**

REPORT NO : VT-070725-4

COMPANY : AAEON Technology Inc.  
ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.  
Hsin-Tien City, Taipei, Taiwan, R. O. C.  
TEL : 886-2-8919-1234  
FAX : 886-2-8919-1049  
SPECIMEN : AEC-6845 (CFD)  
DATE OF RECEIVED : 07/23/07  
DATE OF TESTED : 07/24/07

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 7 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>





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### TESTING EQUIPMENT :

1. Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,  
S/N : KDS11054986
2. Controller : DACTRON FRONT-End Box, S/N: 4529465
3. Control Accelerometer : Wilcoxon Research WR-777, S/N: 3425
4. Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,  
S/N : GUG02102091
5. Controller : DACTRON FRONT-End Box, S/N: 7459933
6. Control Accelerometer : Wilcoxon Research WR-777, S/N: 4207

### TEST ENVIRONMENT :

- Temperature : 26°C (25±10°C)  
 Relative Humidity : 66%RH (60±20% RH)

### SPECIMEN :

- Model : AEC-6845 (CFD)  
 Quantity : 1 piece

### TEST SPECIFICATION :

- Random vibration test  
 Frequency : 5~500 Hz  
 Acceleration : 5 g rms  
 Test Axis : X, Y, Z axis  
 Test Time : 1 hr (Each axis)  
 Total Test Time : 3 hrs

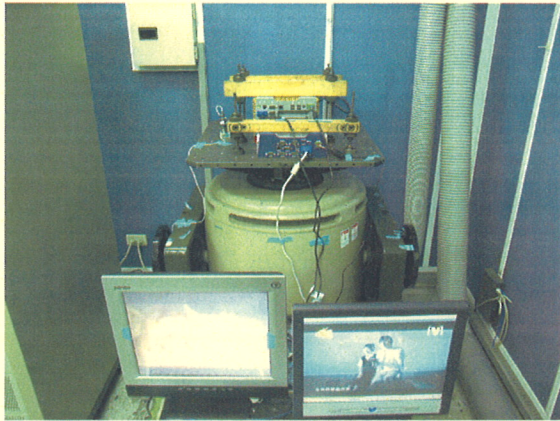
### TEST RESULT :

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

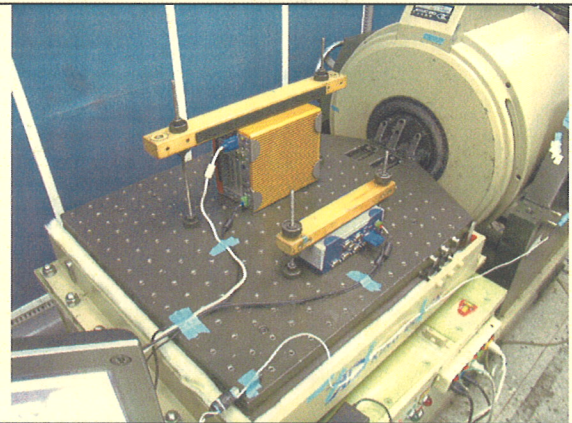


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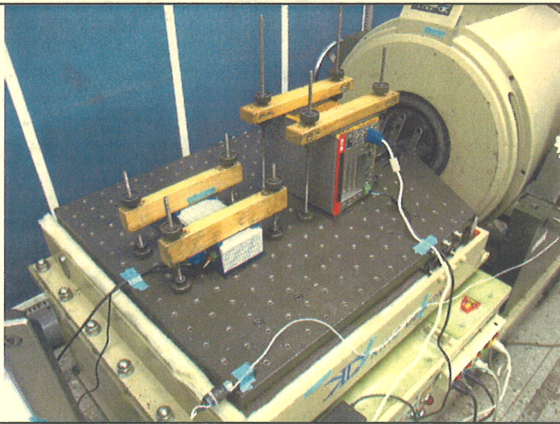
### Testing photos



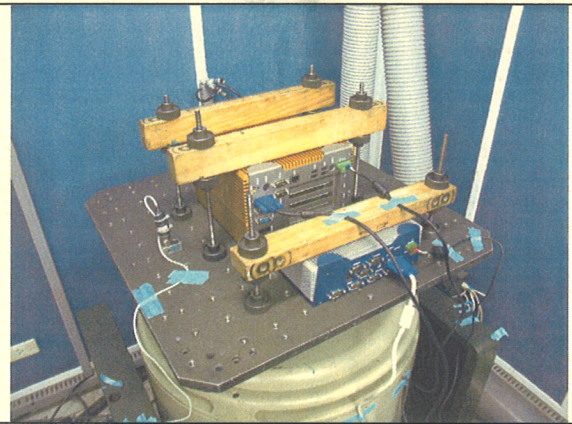
**AXIS X**



**AXIS Y**

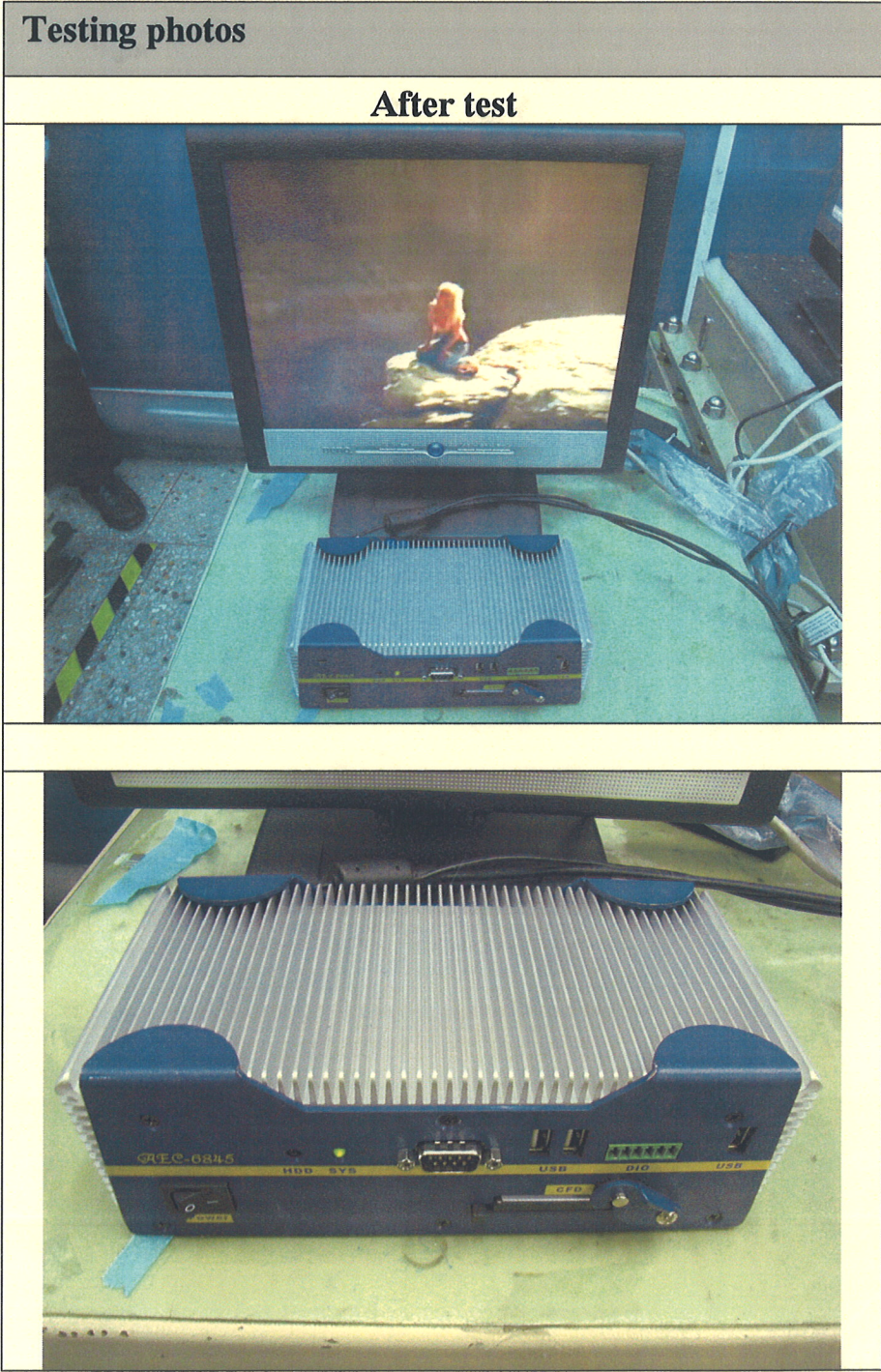


**AXIS Z**





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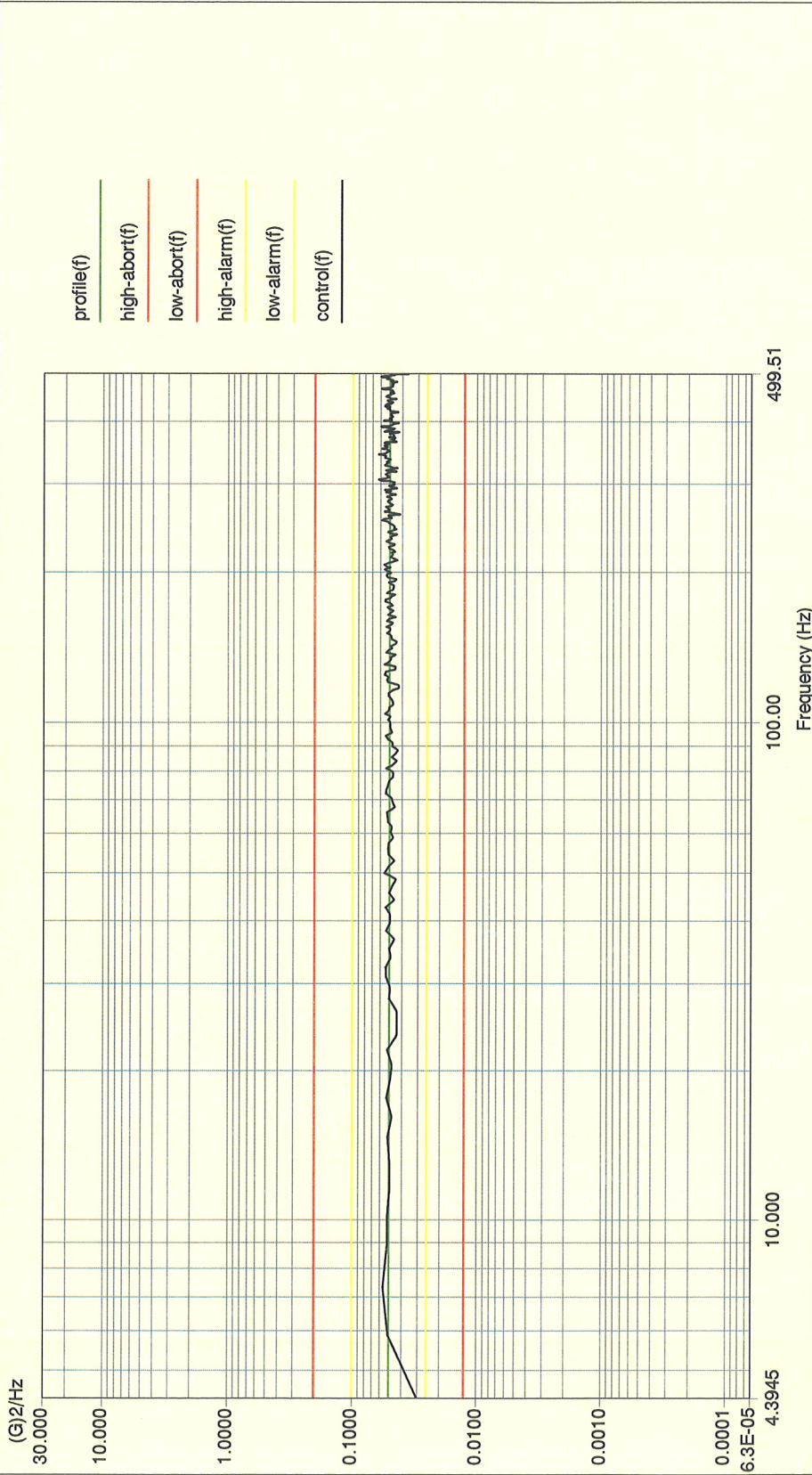




Axis X

Project File Name: 研揚 5~500Hz 5g rms.prj

Profile Name: Test Type: Random Run Folder: \Run Jul 24,2007 16-59-06



Level: 100 %

Control RMS: 5.006767 G Full Level Elapsed Time: 00:59:57 Lines: 450 Frame Time: 0.682667 Seconds

Demand RMS: 5.004216 G Remaining Time: 00:00:00 DOF: 154 dF: 1.464844 Hz

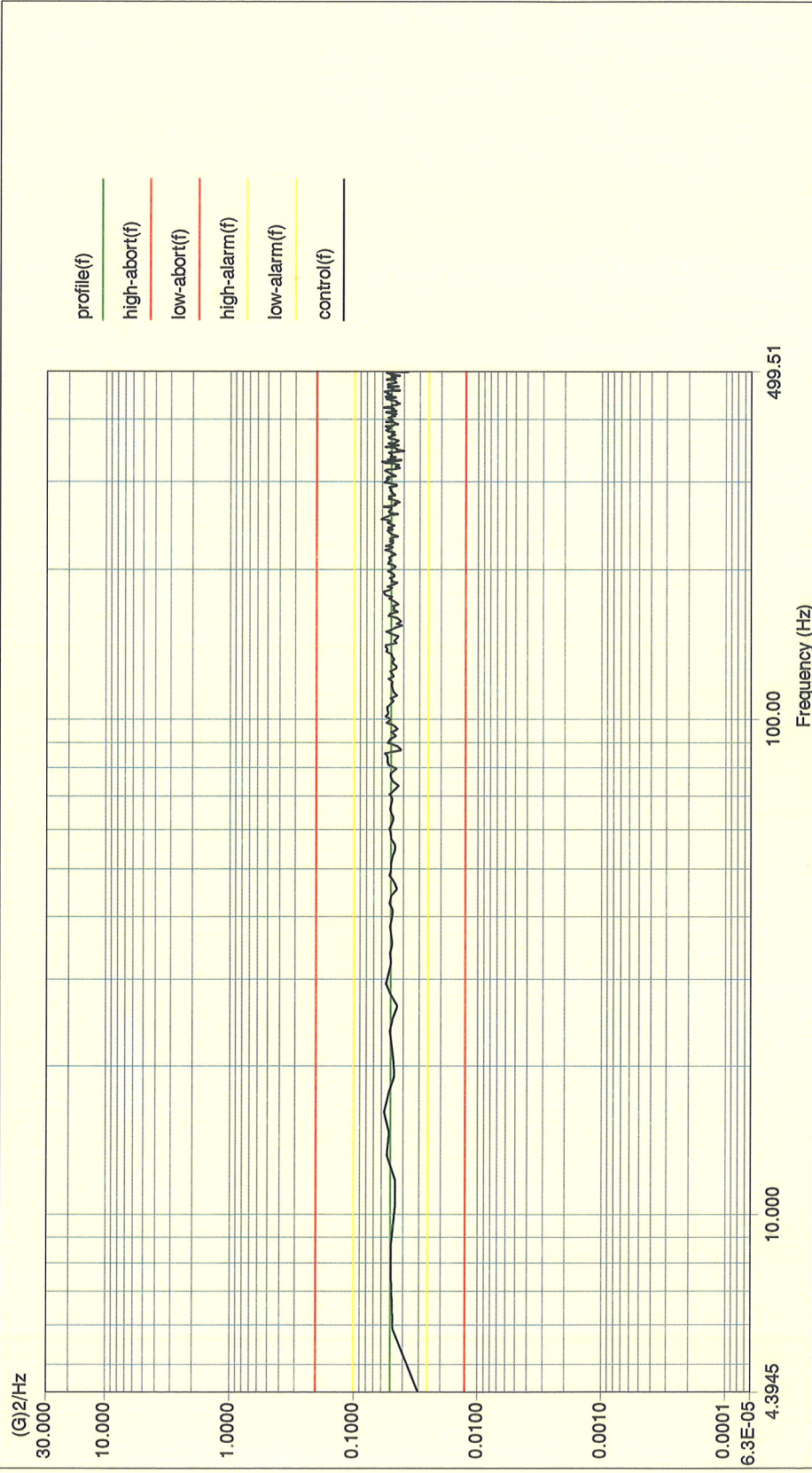
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Axis Y

Project File Name: 研揚 5~500Hz 5g rms.prj

Profile Name: Test Type: Random Run Folder: \Run Jul 24, 2007 15-48-09



Level: 100 %

Control RMS: 4.997750 G Full Level Elapsed Time: 00:59:59 Lines: 450 Frame Time: 0.682667 Seconds

Demand RMS: 5.004216 G Remaining Time: 00:00:00 DOF: 154 dF: 1.464844 Hz

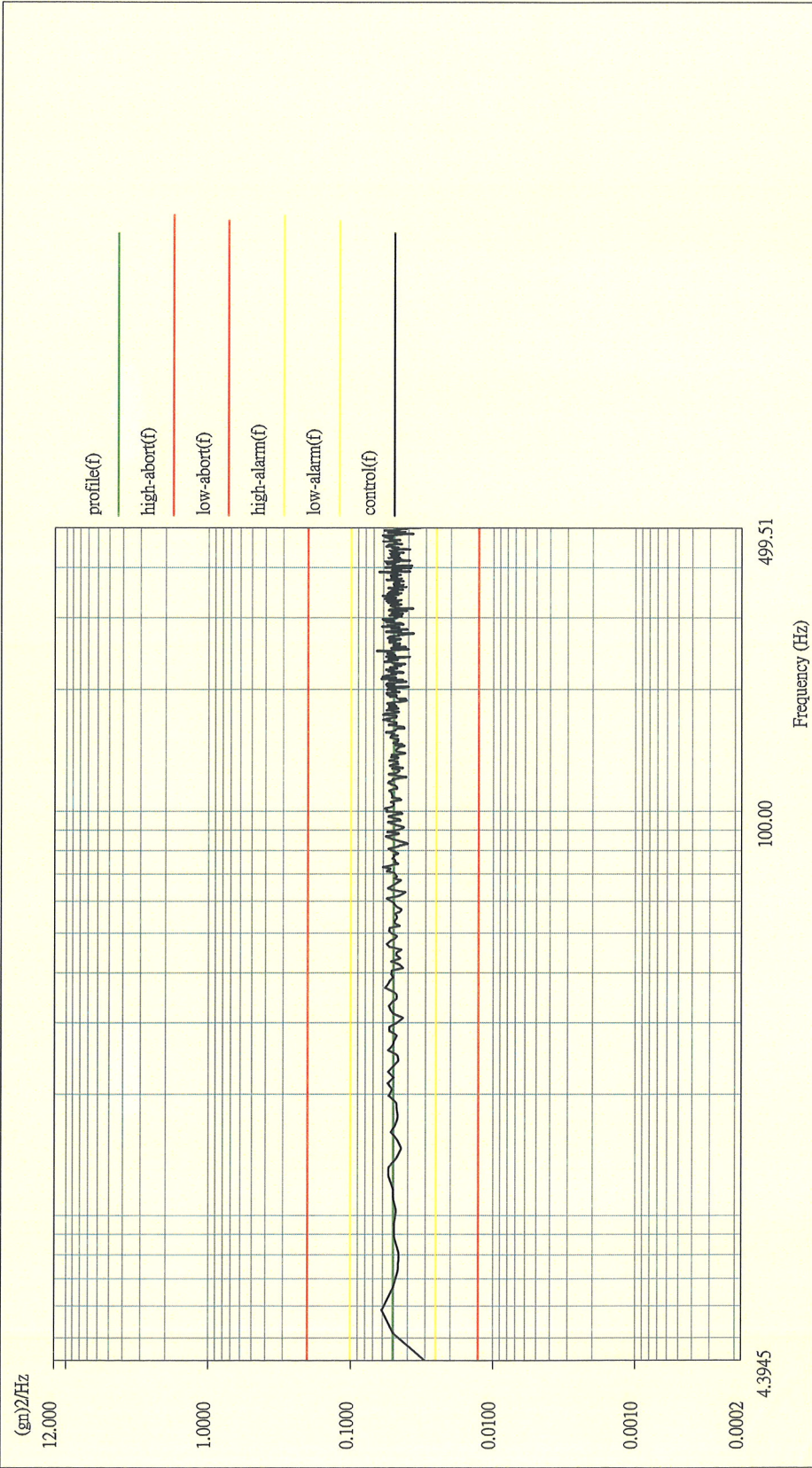
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Axis Z

Project File Name: 研揚 5~500Hz 5g rms.prj

Profile Name: Test Type: Random Run Folder: .\RunDefault Jul 23,2007 18-15-00



Level: 100 %

Control RMS: 5.074243 gn Full Level Elapsed Time: 01:00:00 Lines: 900 Frame Time: 1.365333 Seconds

Demand RMS: 5.002395 gn Remaining Time: 00:00:00 DOF: 154 dF: 0.732422 Hz

Data saved at 07:18:24 PM, Monday, July 23, 2007 Report created at 07:18:25 PM, Monday, July 23, 2007