

## TESTING / INSPECTION REPORT

REPORT NO : ST-101029-1

COMPANY : AAEON Technology Inc.

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SPECIMEN : GES-5500F(with 2.5" SATA HDD)

DATE OF RECEIVED : 2010/10/29

DATE OF TESTED : 2010/10/29

TEST / INSPECTION ITEMS : Shock 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 10 pages, and no part of it may be abstracted or reproduced.

Test Engineer : <i>Uason Chen</i>	
Approval Signatory : <i>David Lee</i> 2010.11.2	Laboratory Head : <i>Chang</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 : B&K 4399, S/N:2158445

### TEST ENVIRONMENT :

- Temperature : 22.3°C (25±10°C)
- Relative Humidity : 64.2%RH (60±20% RH)

### SPECIMEN :

- Model : GES-5500F(with 2.5" SATA HDD)
- Quantity : 1 piece

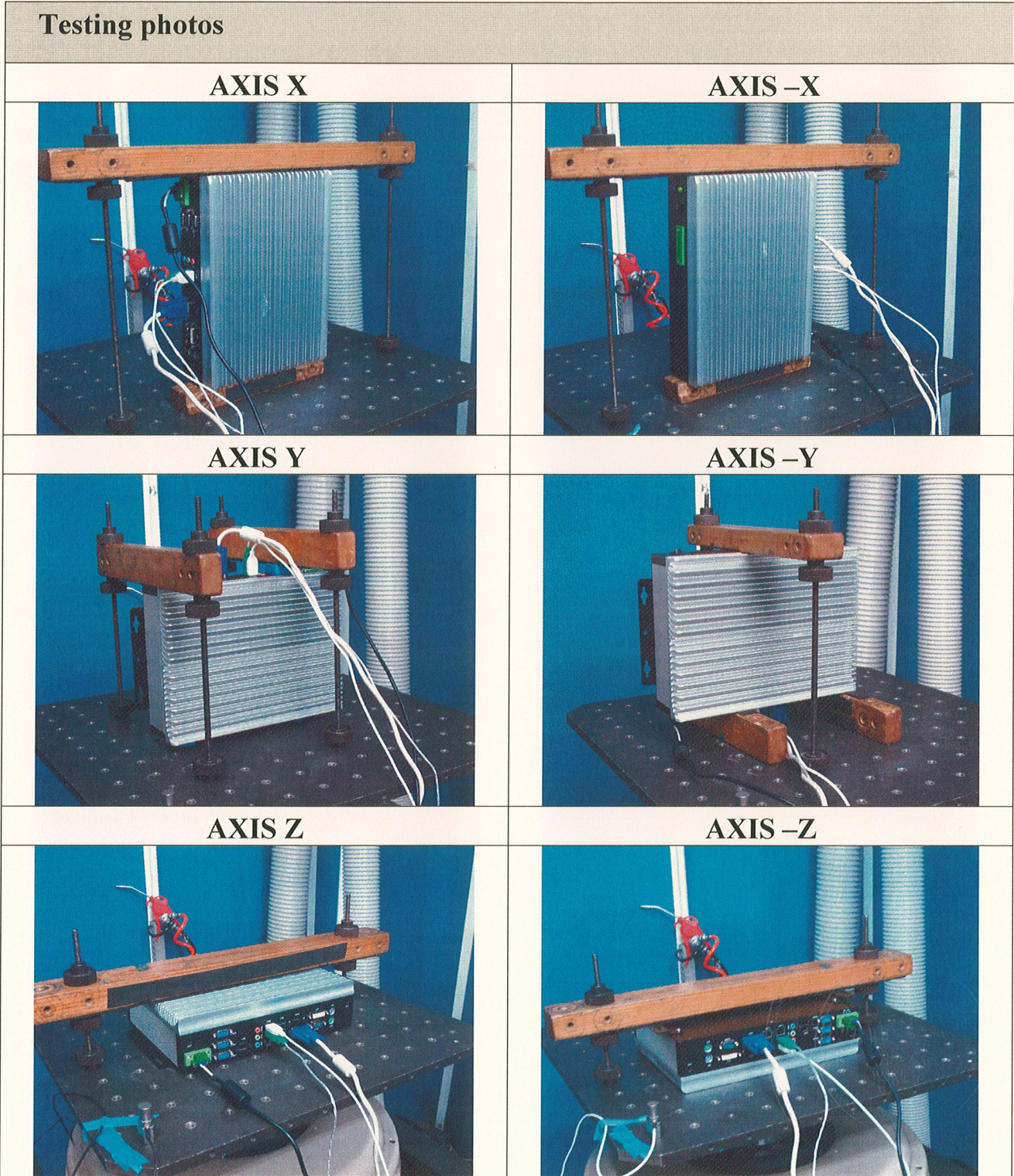
### TEST SPECIFICATION :

- Shock Test (Operation)
- Wave Form : Half Sine
- Acceleration : 15 g
- Duration : 11 ms
- Shock Direction : ±X, ±Y, ±Z axis
- No. of Shock : Each axis 3 times

### TEST RESULT :

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


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**Testing photos**

**After test-1**



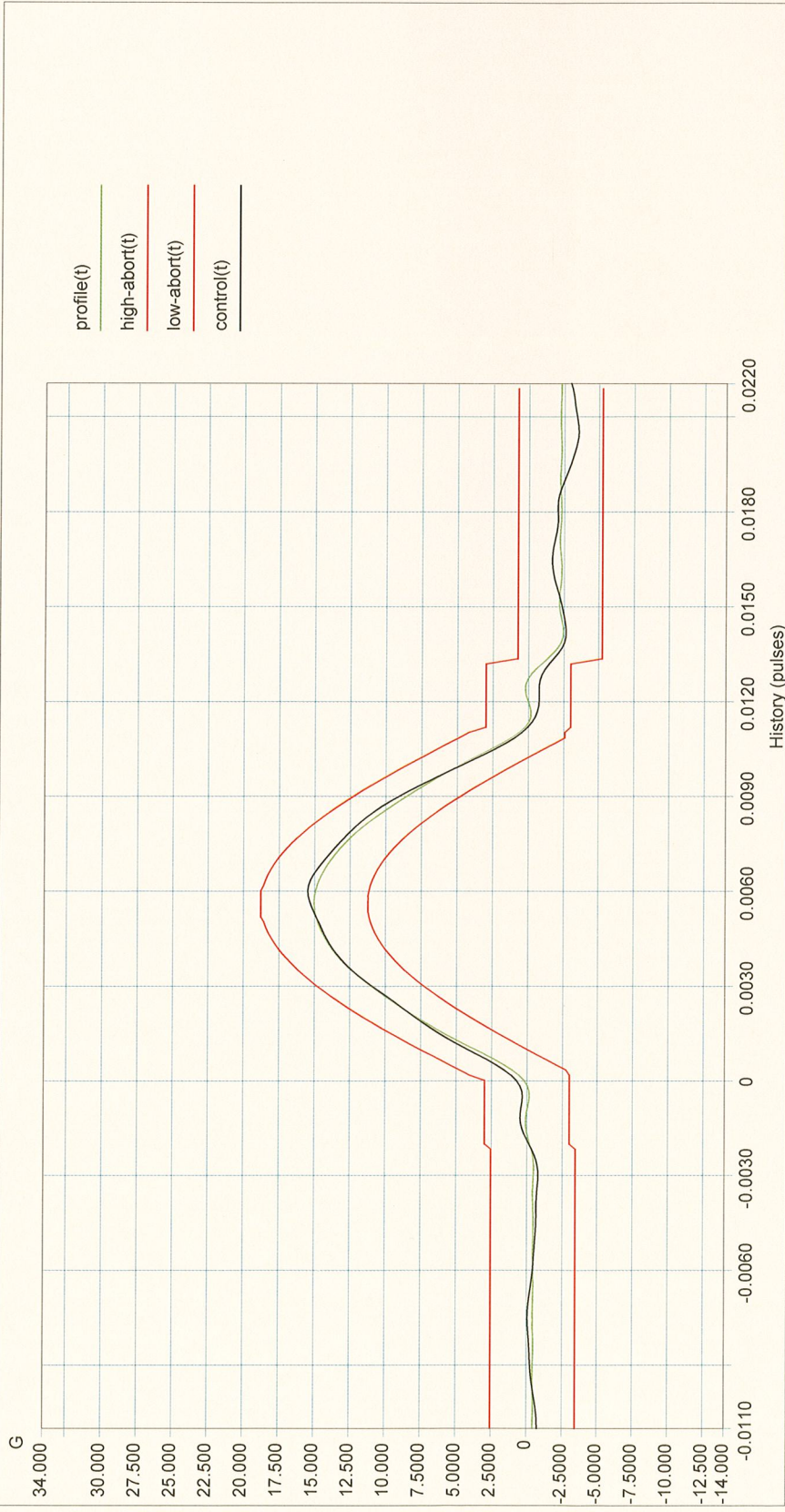
**After test-2**



Axis X

Project File Name: 研揚 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .Run Oct 29,2010 11-12-02

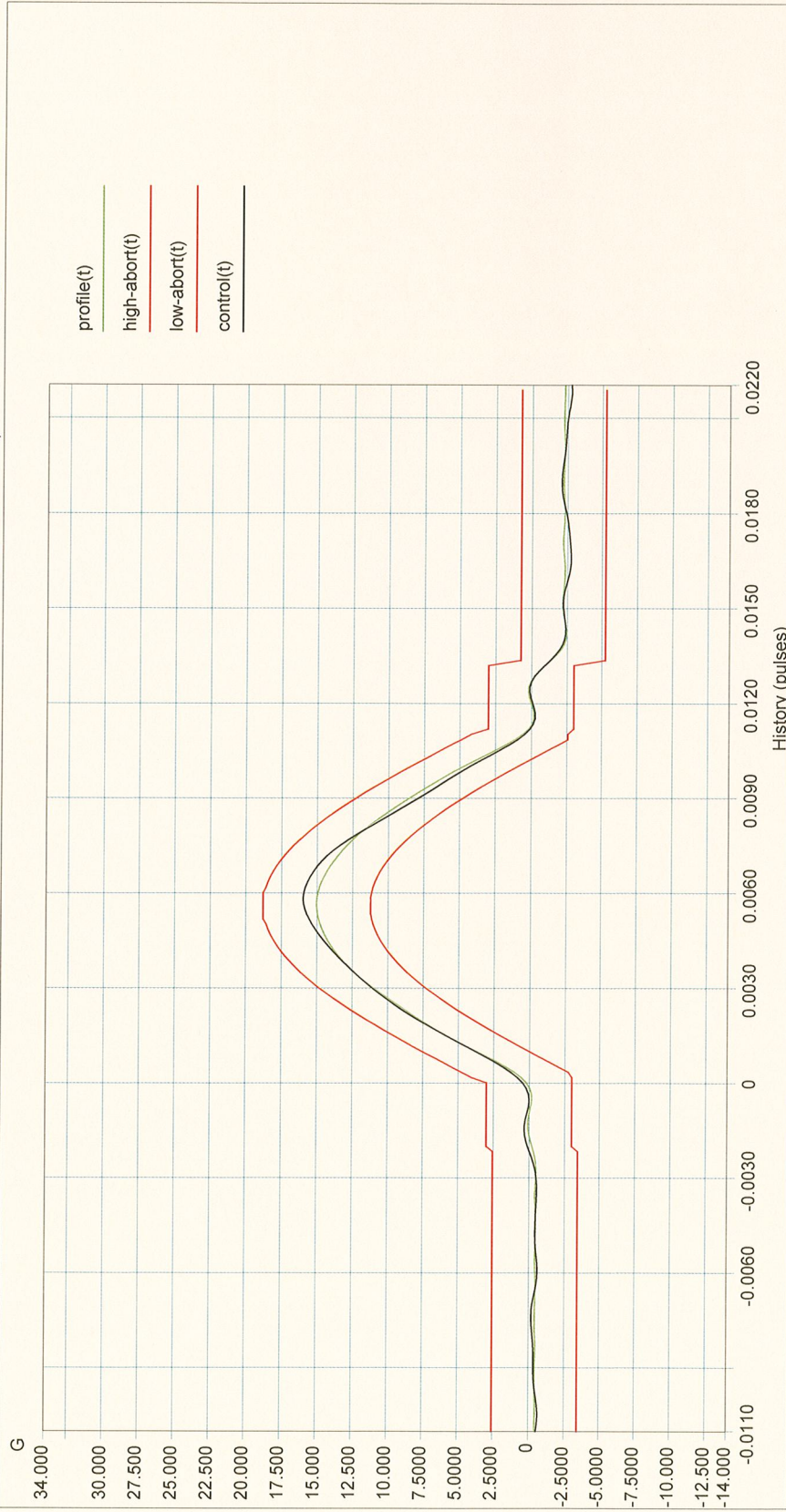


Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.341333 Seconds Control Peak: 15.470737 G Control RMS: 2.115250 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.030844 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
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Axis -X

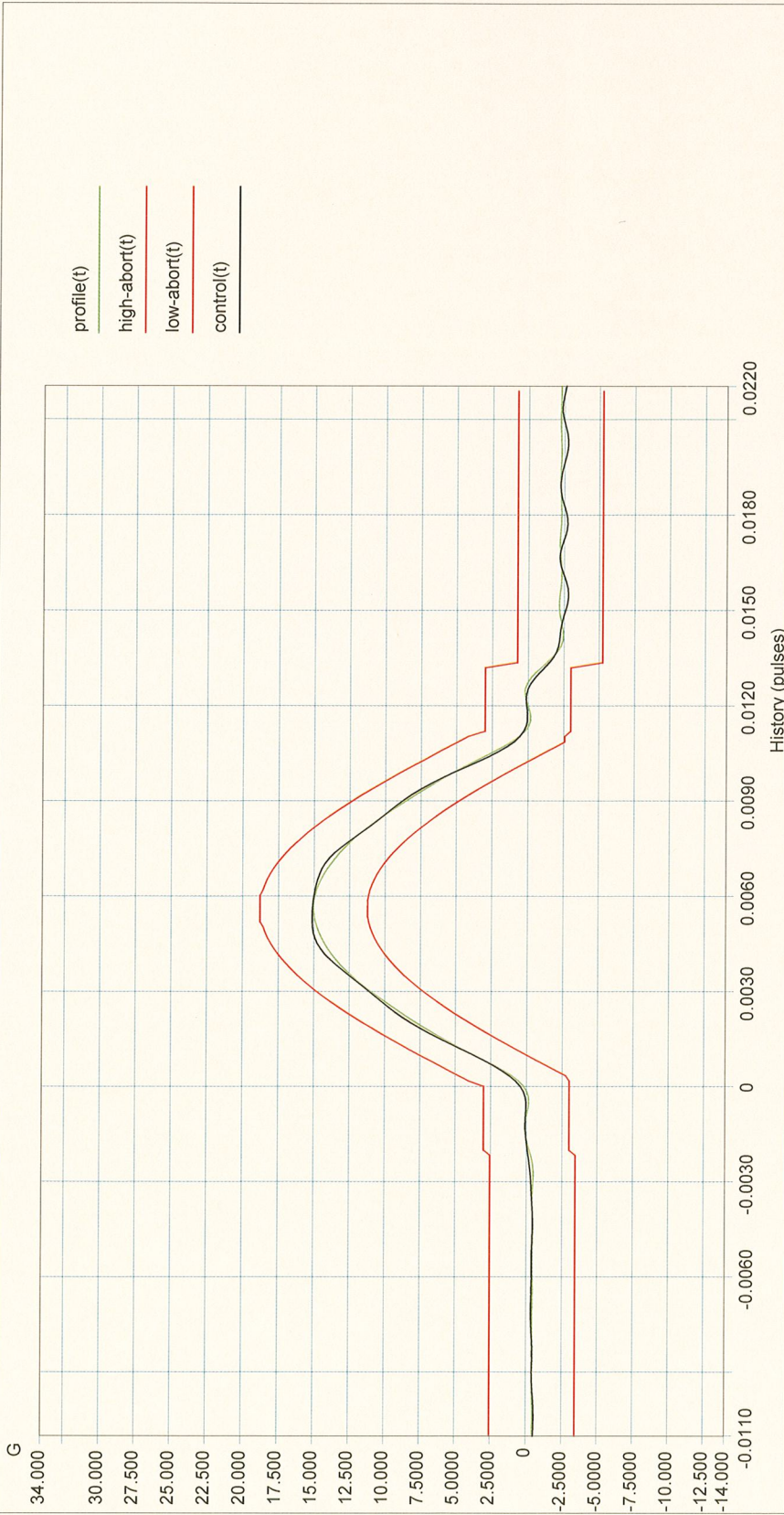
Project File Name: 研場 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 29, 2010 11-14-22



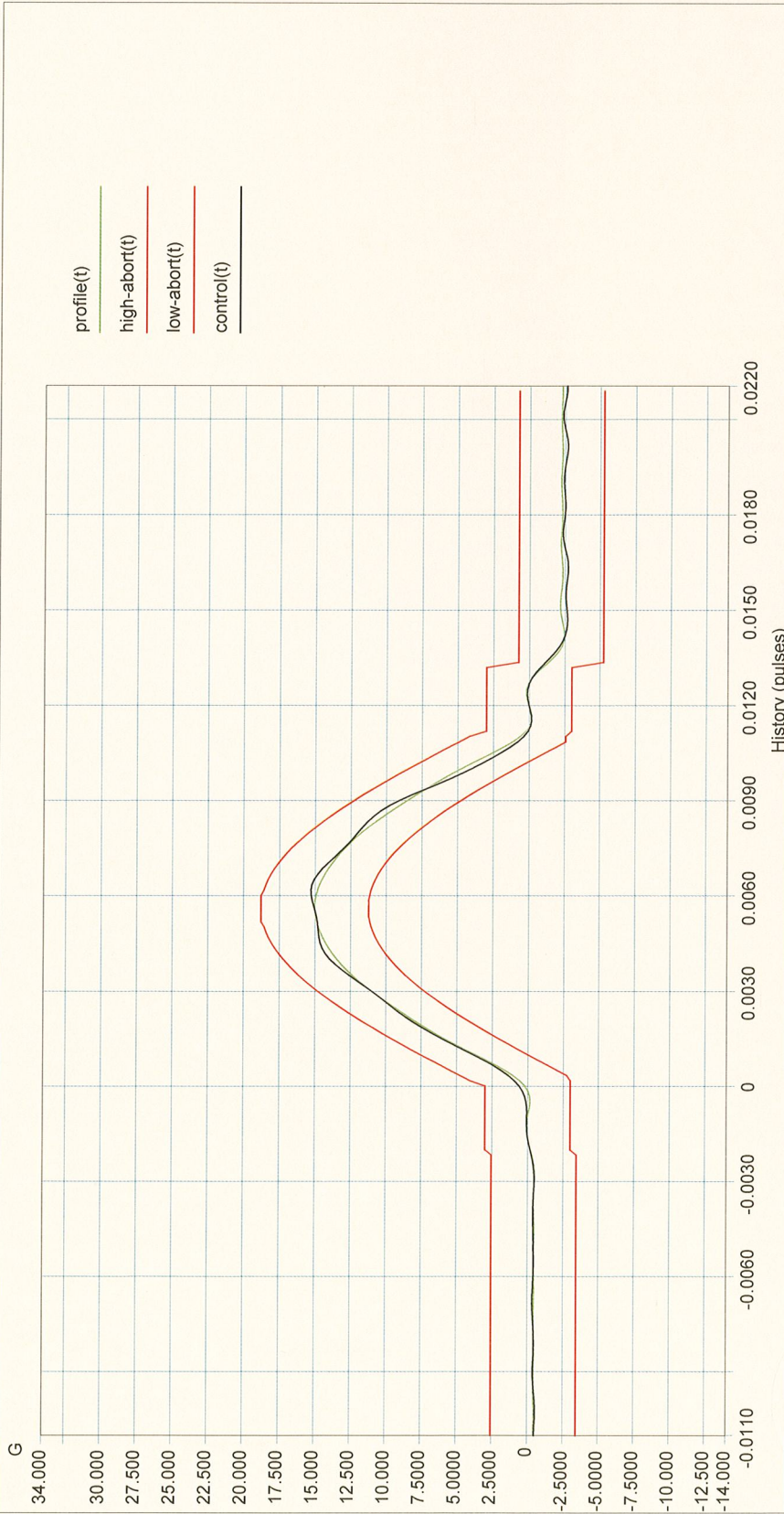
Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.341333 Seconds Control Peak: 15.965558 G Control RMS: 2.113606 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.030844 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 11:14:50 AM, Friday, October 29, 2010 Report created at 11:14:50 AM, Friday, October 29, 2010

Axis Y  
 Project File Name: 研揚 15g 11mS.prj  
 Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .Run Oct 29, 2010 11-20-38



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.341333 Seconds Control Peak: 15.107566 G Control RMS: 2.094279 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.030844 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 11:21:00 AM, Friday, October 29, 2010 Report created at 11:21:01 AM, Friday, October 29, 2010

Axis -Y  
 Project File Name: 研揚 15g 11mS.prj  
 Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .Run Oct 29, 2010 11-25-06



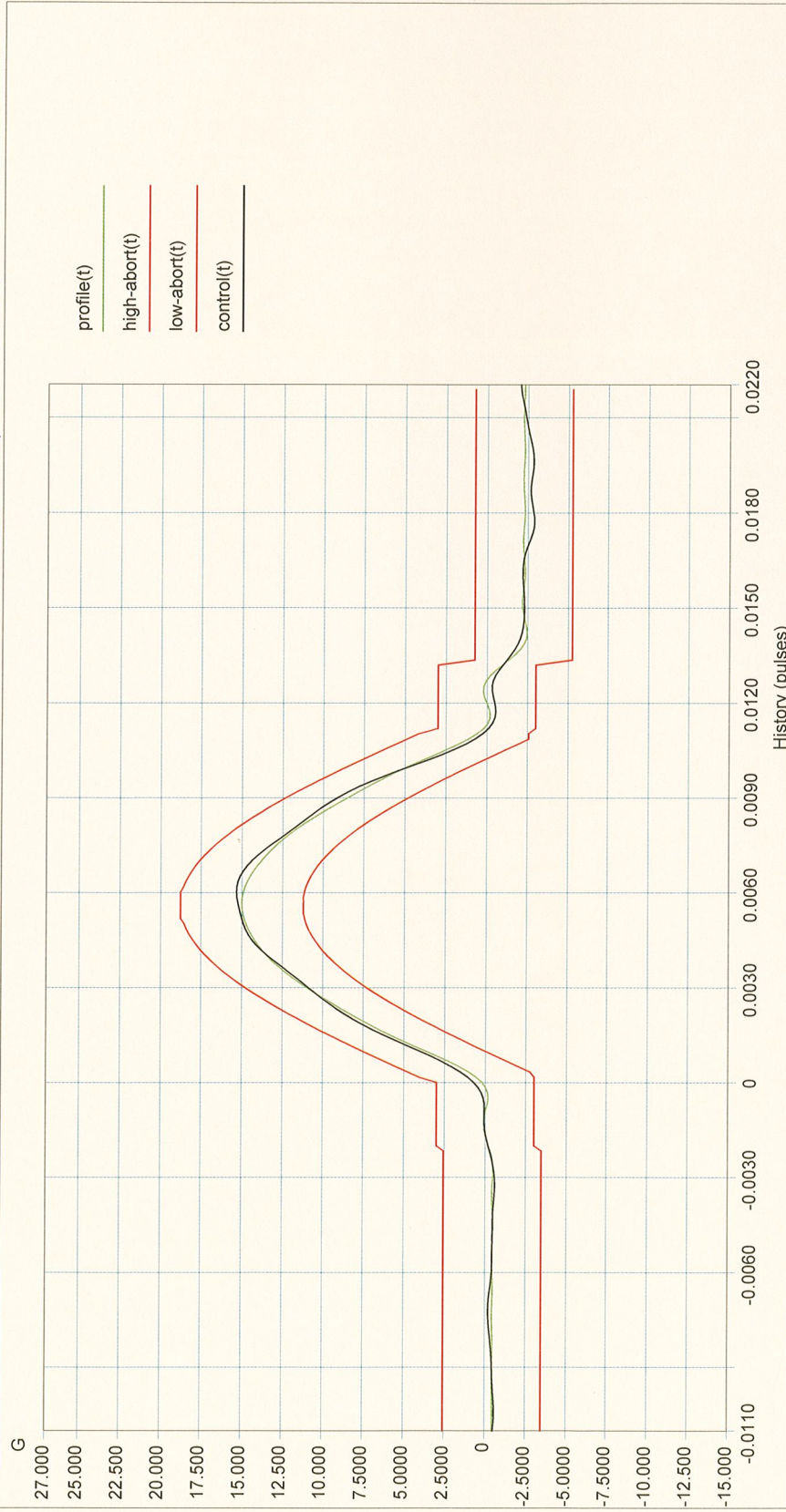
Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.341333 Seconds Control Peak: 15.278868 G Control RMS: 2.101031 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.030844 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 11:25:29 AM, Friday, October 29, 2010 Report created at 11:25:29 AM, Friday, October 29, 2010



Axis Z

Project File Name: 研場 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 29, 2010 11-03-43

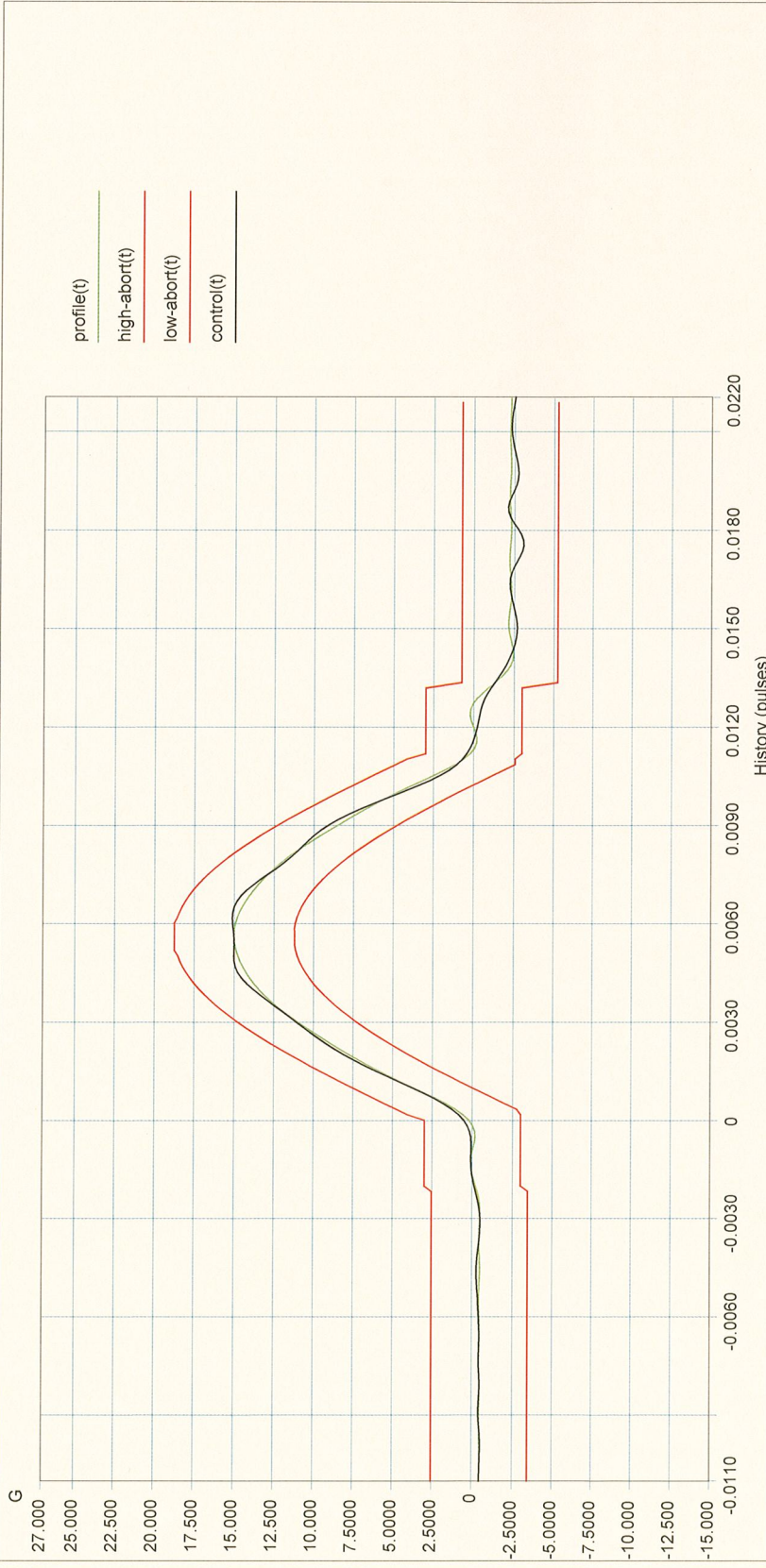


Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.341333 Seconds Control Peak: 15.326771 G Control RMS: 2.102087 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.030844 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
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Axis -Z

Project File Name: 研場 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 29, 2010 11-05-48



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3  
 Frame Time: 0.341333 Seconds Control Peak: 15.126803 G Control RMS: 2.100703 G  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.030844 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
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