

TESTING / INSPECTION REPORT

REPORT NO : ST-070613-5

COMPANY : AAEON Technology Inc.
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SPECIMEN : AOP-8060XT (Celeron M1.3 GHz/ CPU Cooler/ with CFD)
AOP-8060XT (Celeron M600 MHz/ Heat Sink/ with CFD)
DATE OF RECEIVED : 05/29/07
DATE OF TESTED : 05/29/07

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 18 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

Lynn Chen

Approval Signatory :

David Lee

Laboratory Head :

Jason Shih



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TEST ENVIRONMENT :

- 1. Shock 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

TEST ENVIRONMENT :

- Temperature : 25±10°C
- Relative Humidity : 60±20% RH

SPECIMEN :

- Model : AOP-8060XT (Celeron M1.3 GHz/ CPU Cooler/ with CFD)
AOP-8060XT (Celeron M600 MHz/ Heat Sink/ with CFD)
- Quantity : 2 pieces

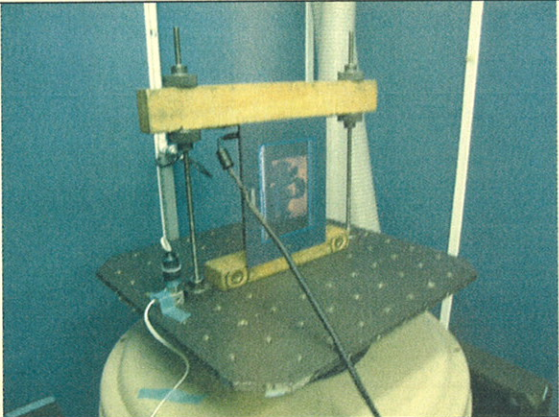
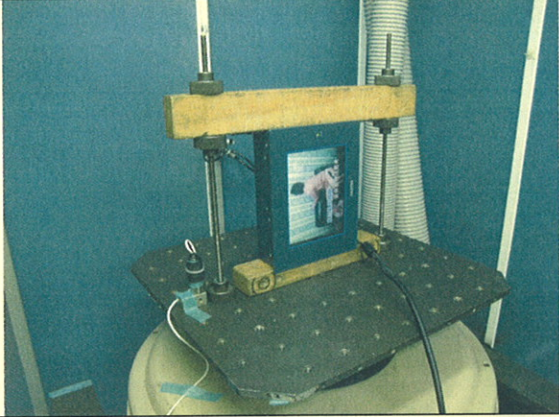
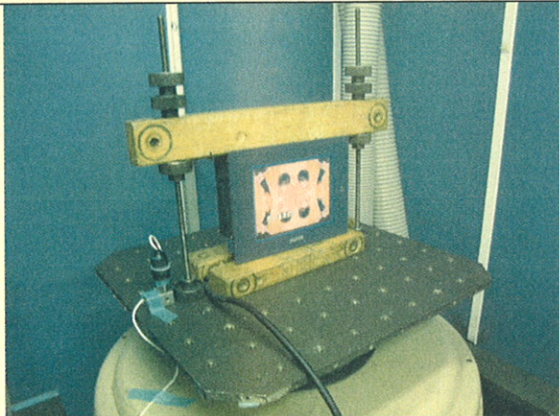
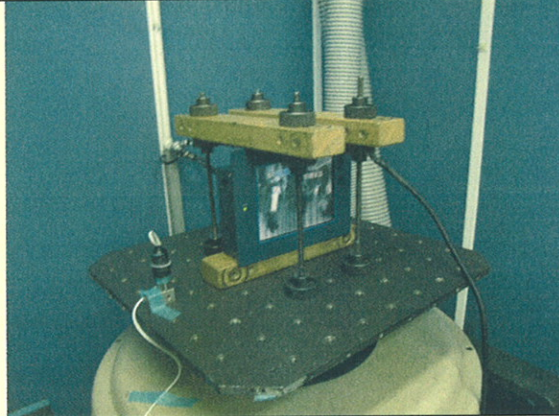

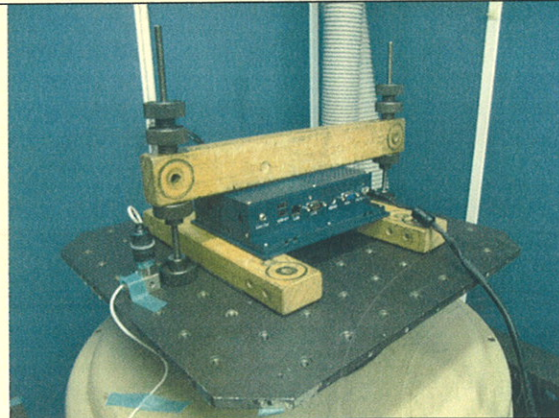
TEST SPECIFICATION :

- Wave Form : Half sine wave
- Acceleration : 15 g
- Duration Time : 11 ms
- No. of Shock : Each axis 3 times
- Shock Direction : ±X, ±Y, ±Z axis

TEST RESULT :

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

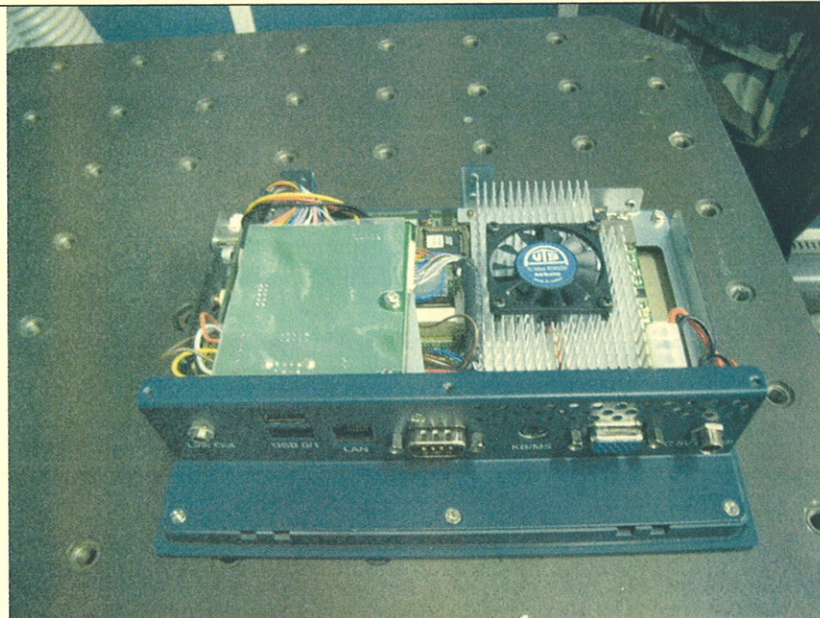
TESTING / INSPECTION REPORT

Testing photos (AOP-8060XT (Celeron M1.3 GHz/ CPU Cooler/ with CFD))	
AXIS X	AXIS -X
	
AXIS Y	AXIS -Y
	
AXIS Z	AXIS -Z
	

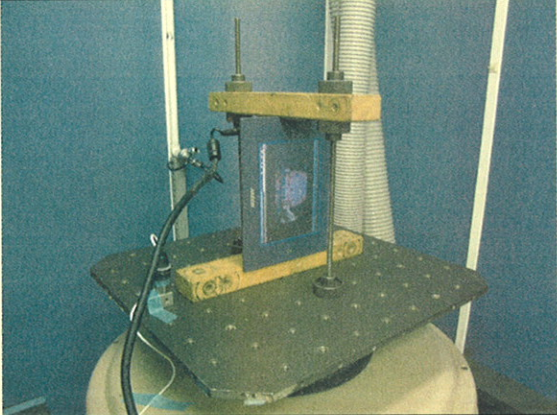
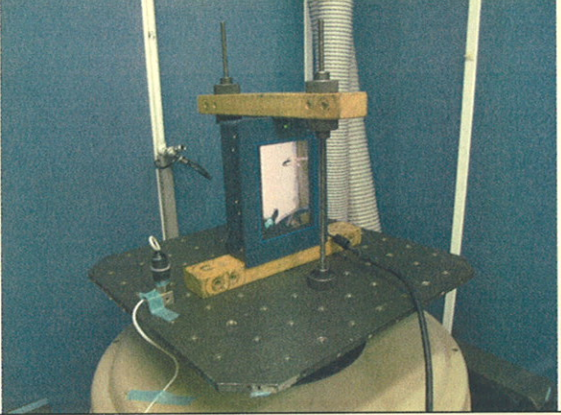
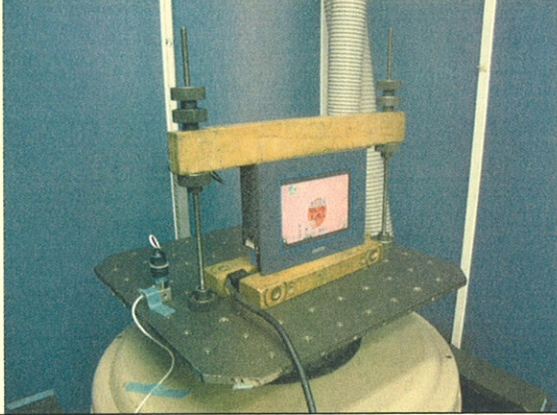
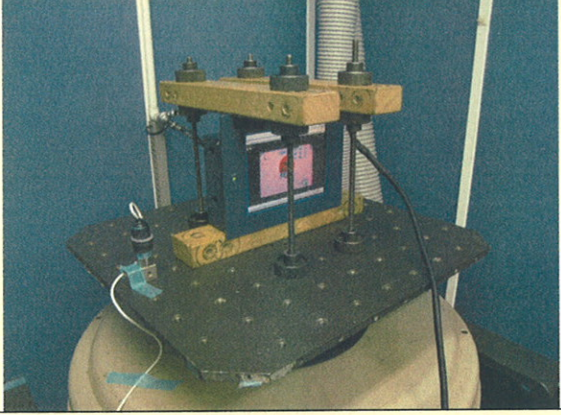
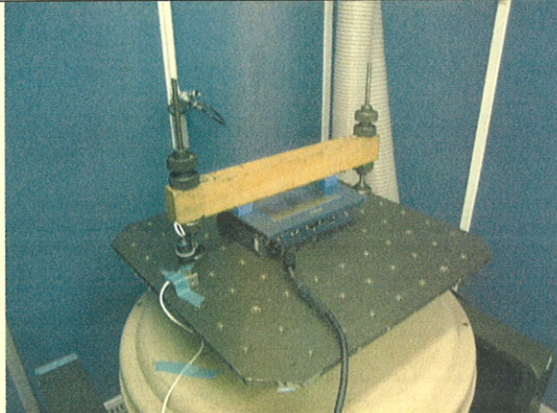
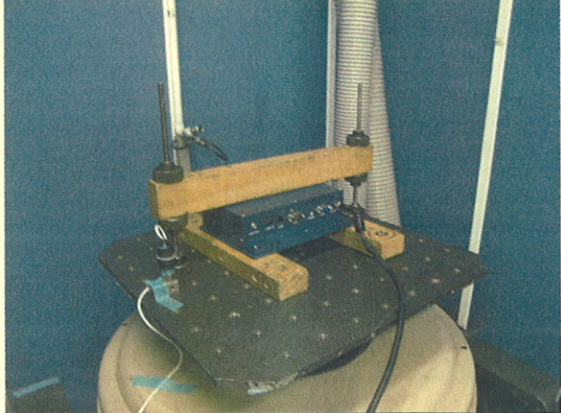
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Testing photos

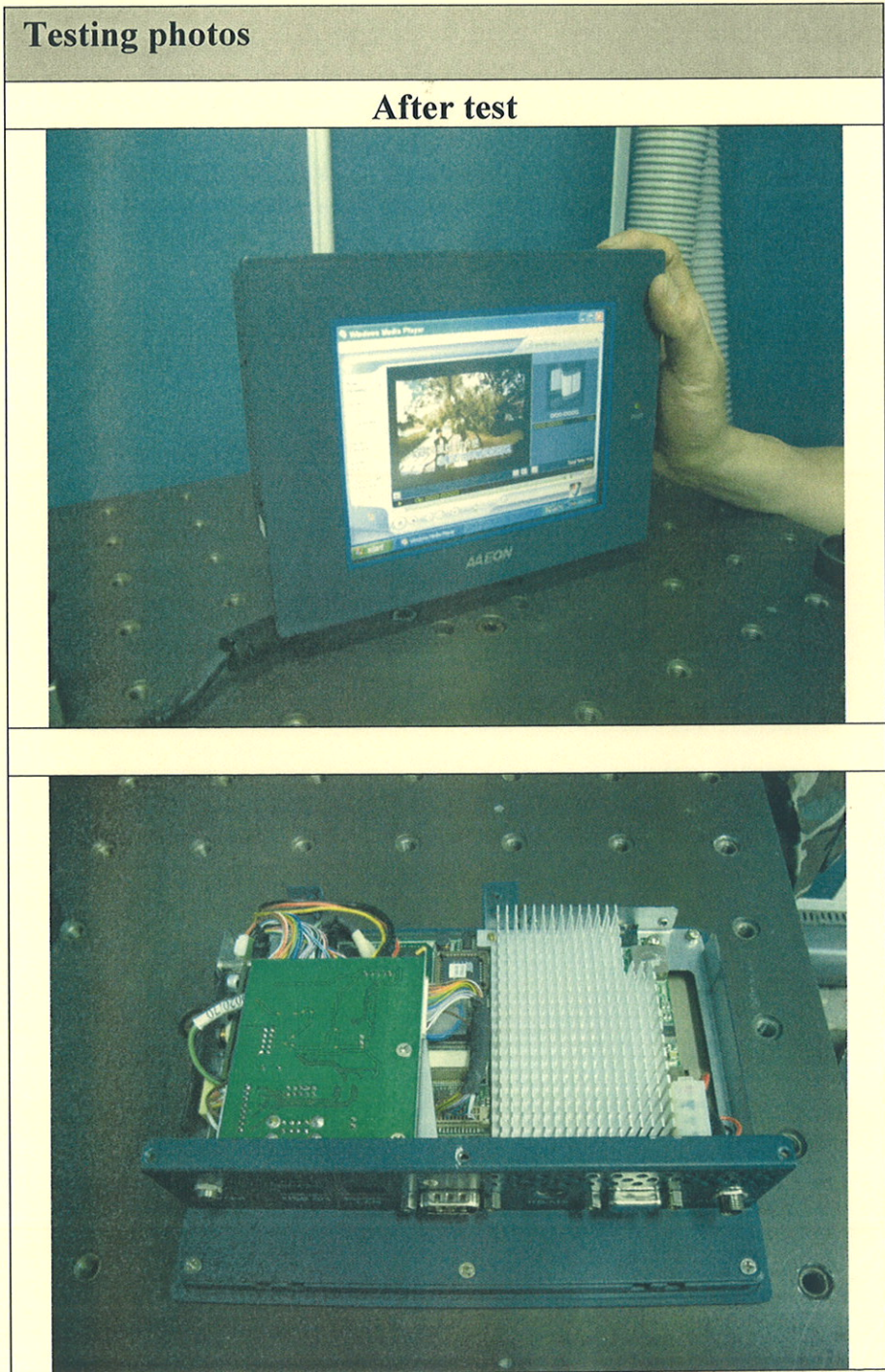
After test



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Testing photos AOP-8060XT (Celeron M600 MHz/ Heat Sink/ with CFD)	
AXIS X	AXIS -X
	
AXIS Y	AXIS -Y
	
AXIS Z	AXIS -Z
	

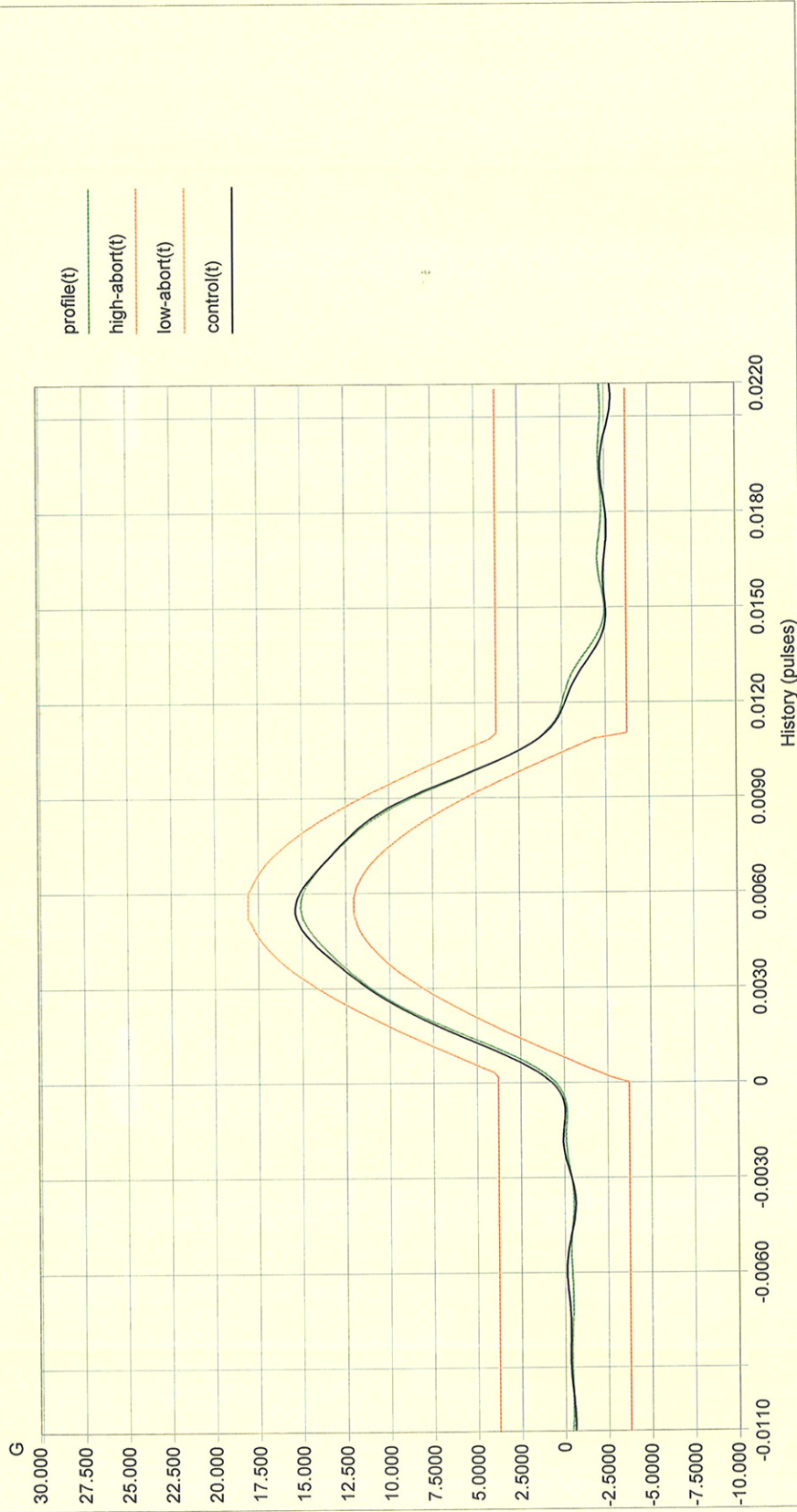
TESTING / INSPECTION REPORT



Axis x

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-27-18

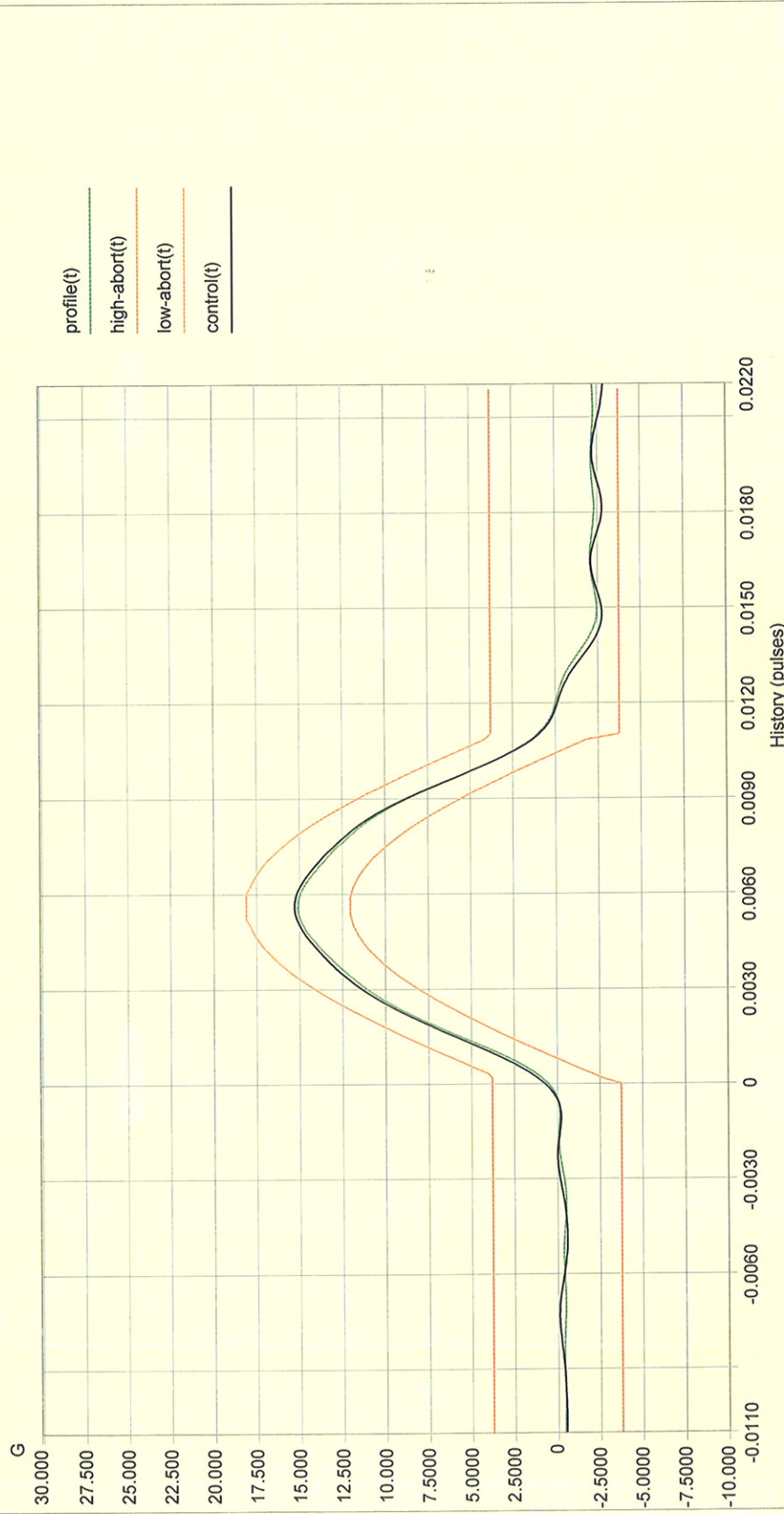


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.310384 G Control RMS: 2.076736 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 Data saved at 10:27:37 PM, Tuesday, May 29, 2007 Report created at 10:27:38 PM, Tuesday, May 29, 2007

Axis -X

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-28-16



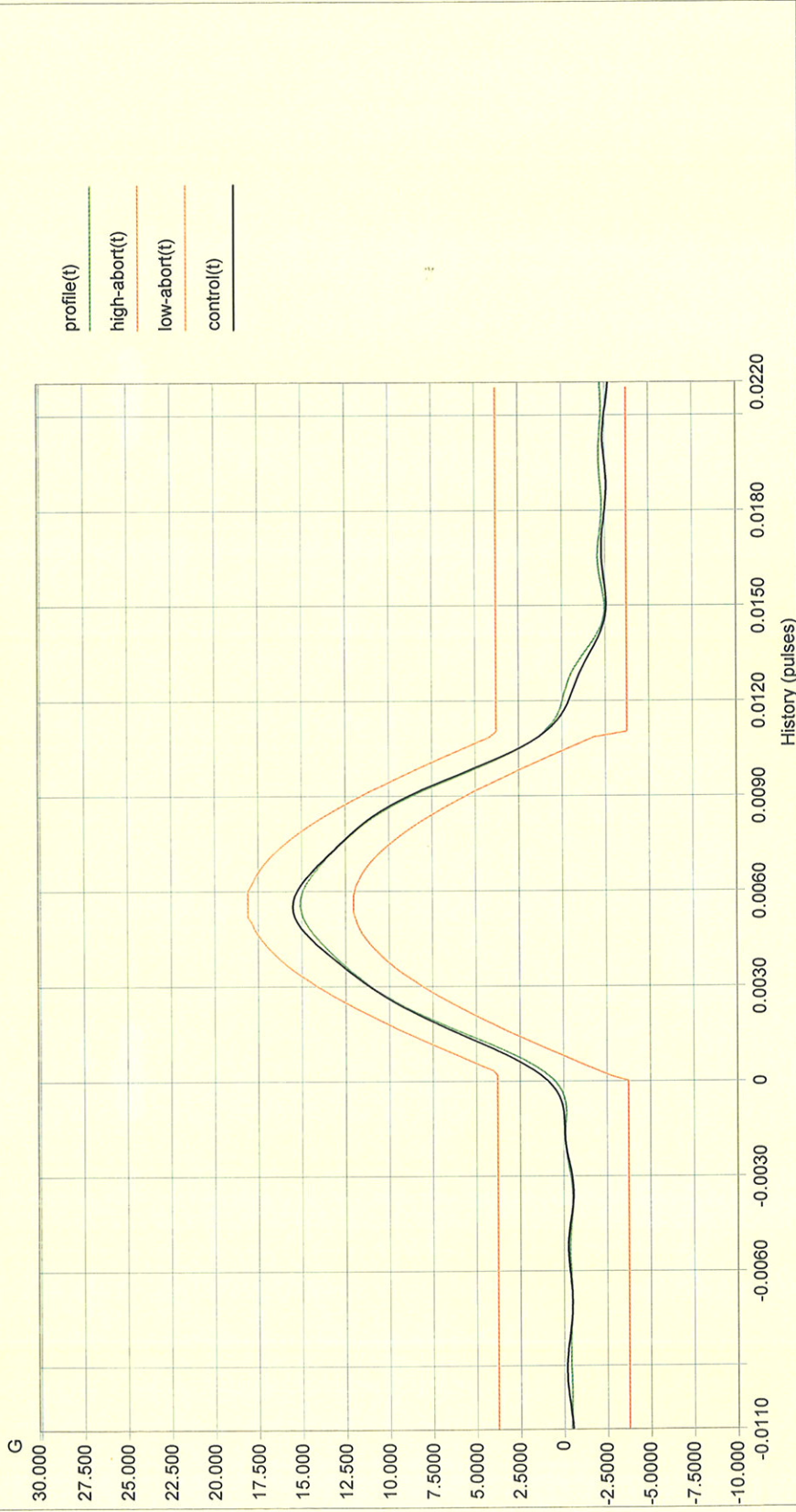
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 15.195340 G Control RMS: 2.080198 G
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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Axis y

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29, 2007 22-30-09

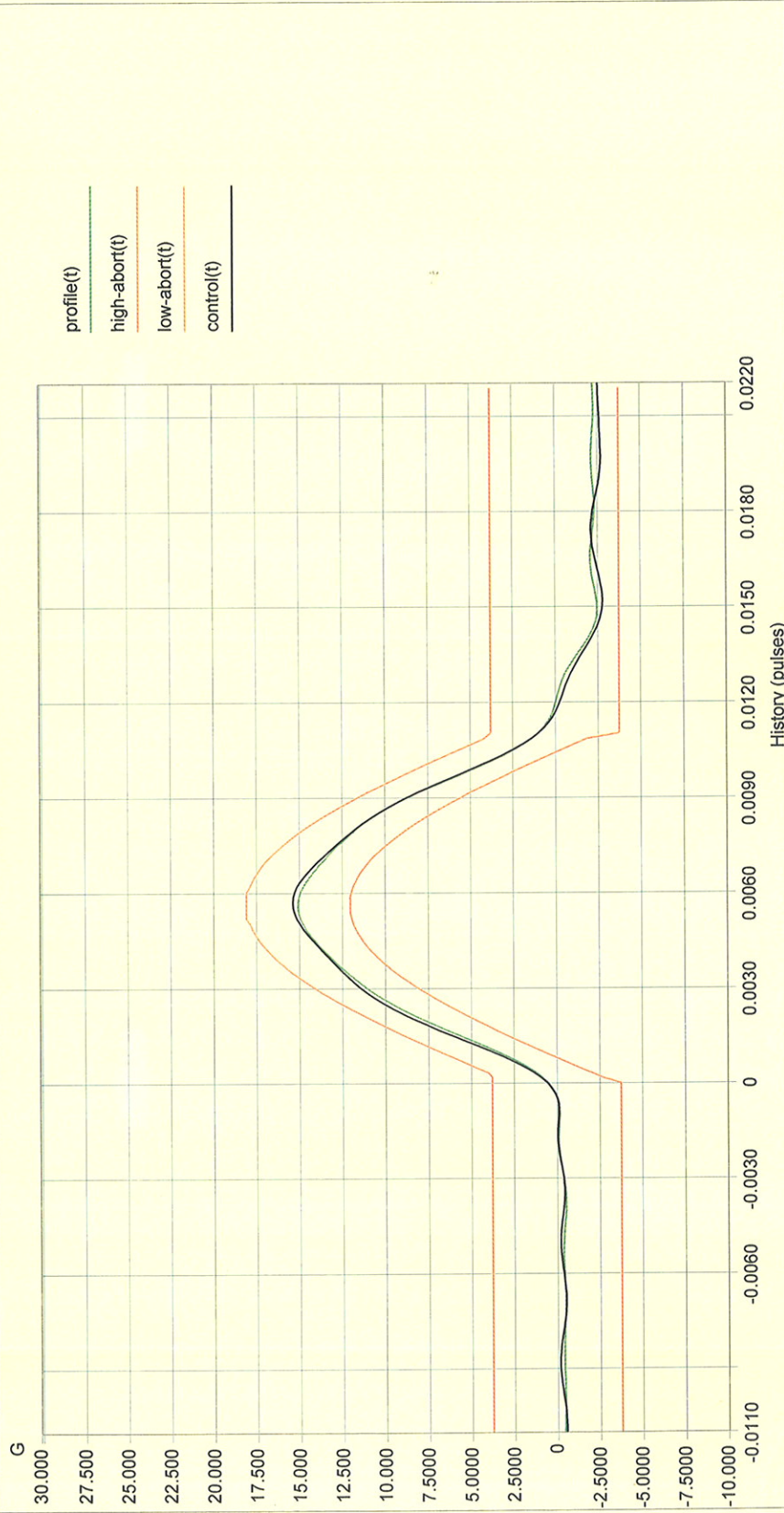


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.429910 G Control RMS: 2.078239 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 Data saved at 10:30:26 PM, Tuesday, May 29, 2007 Report created at 10:30:26 PM, Tuesday, May 29, 2007

Axis—Y

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-31-16

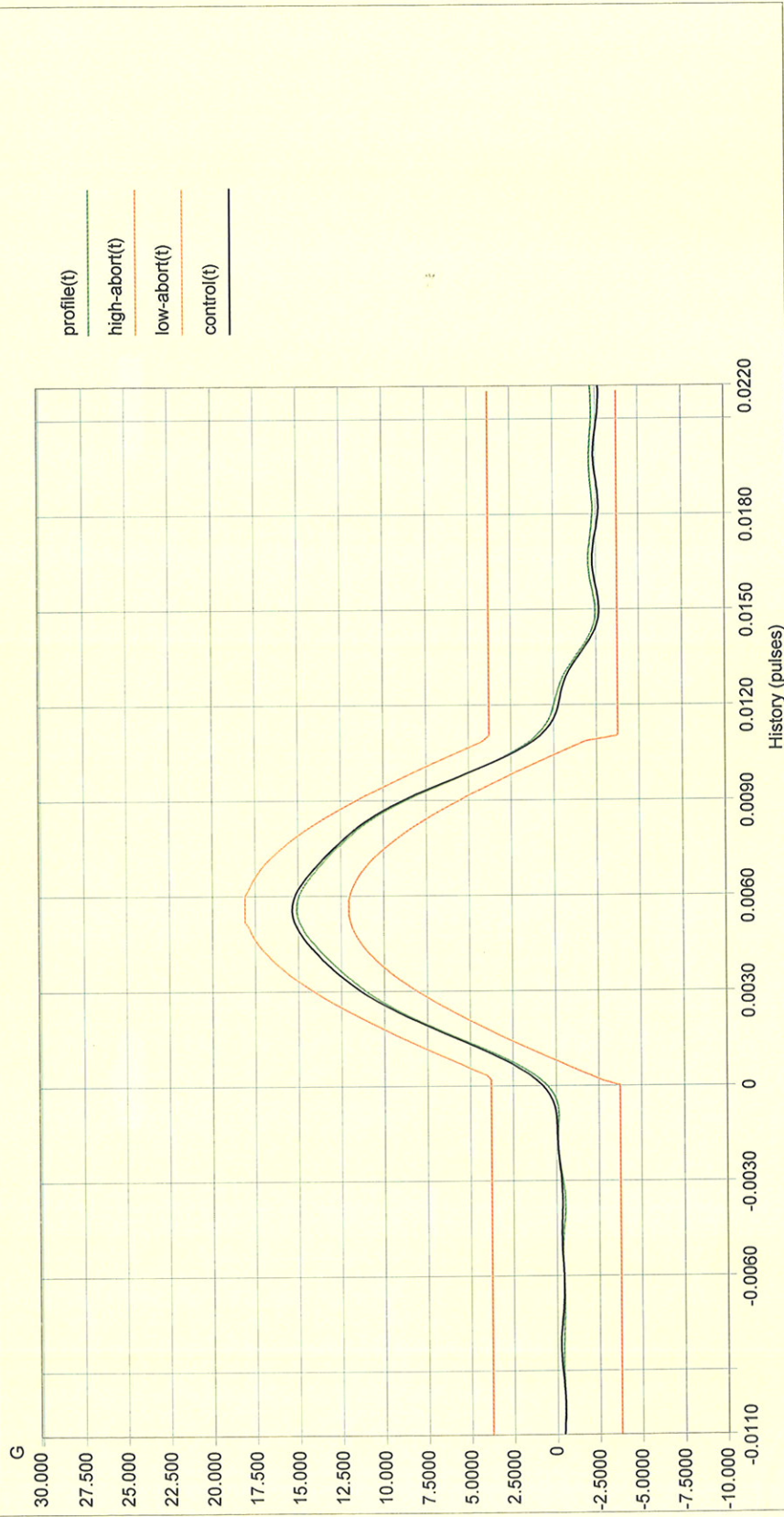


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.302105 G Control RMS: 2.079000 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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Axis Z

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-21-43

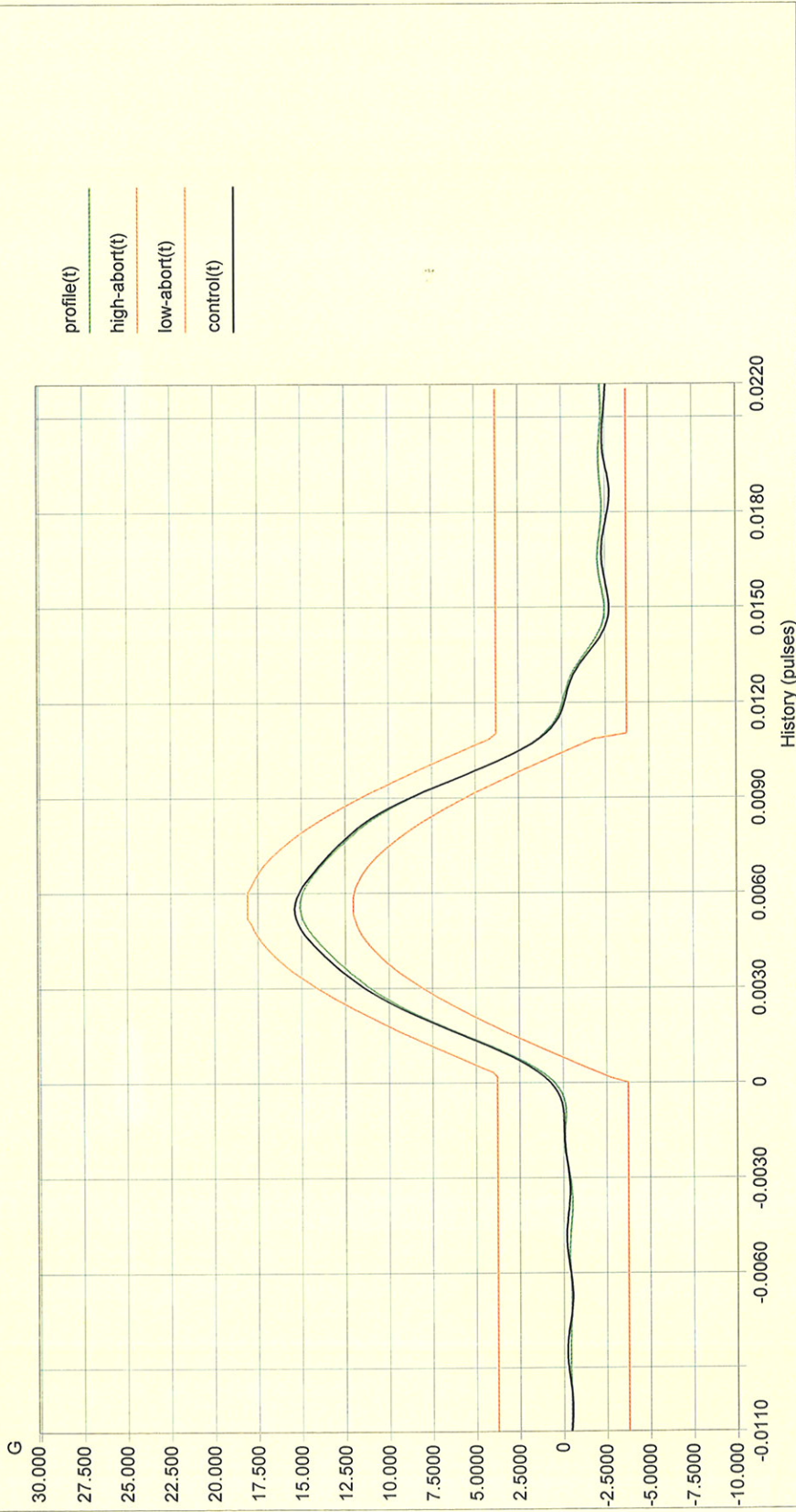


Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 15.257885 G Control RMS: 2.078877 G
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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Axis -z

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29, 2007 22-25-47

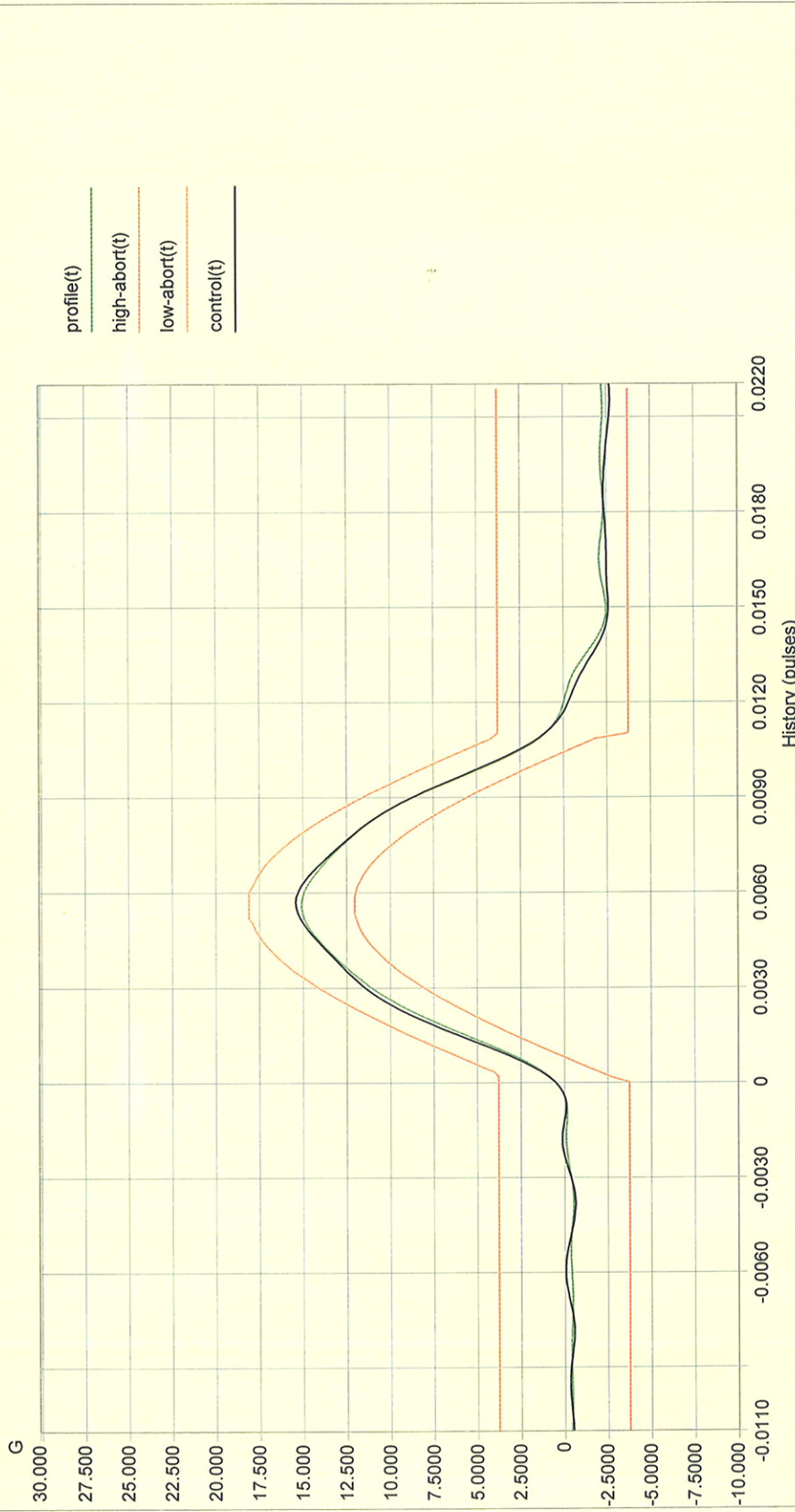


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 15.306651 G Control RMS: 2.079869 G Remaining Pulses: 0
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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Axis x

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29, 2007 22-49-04



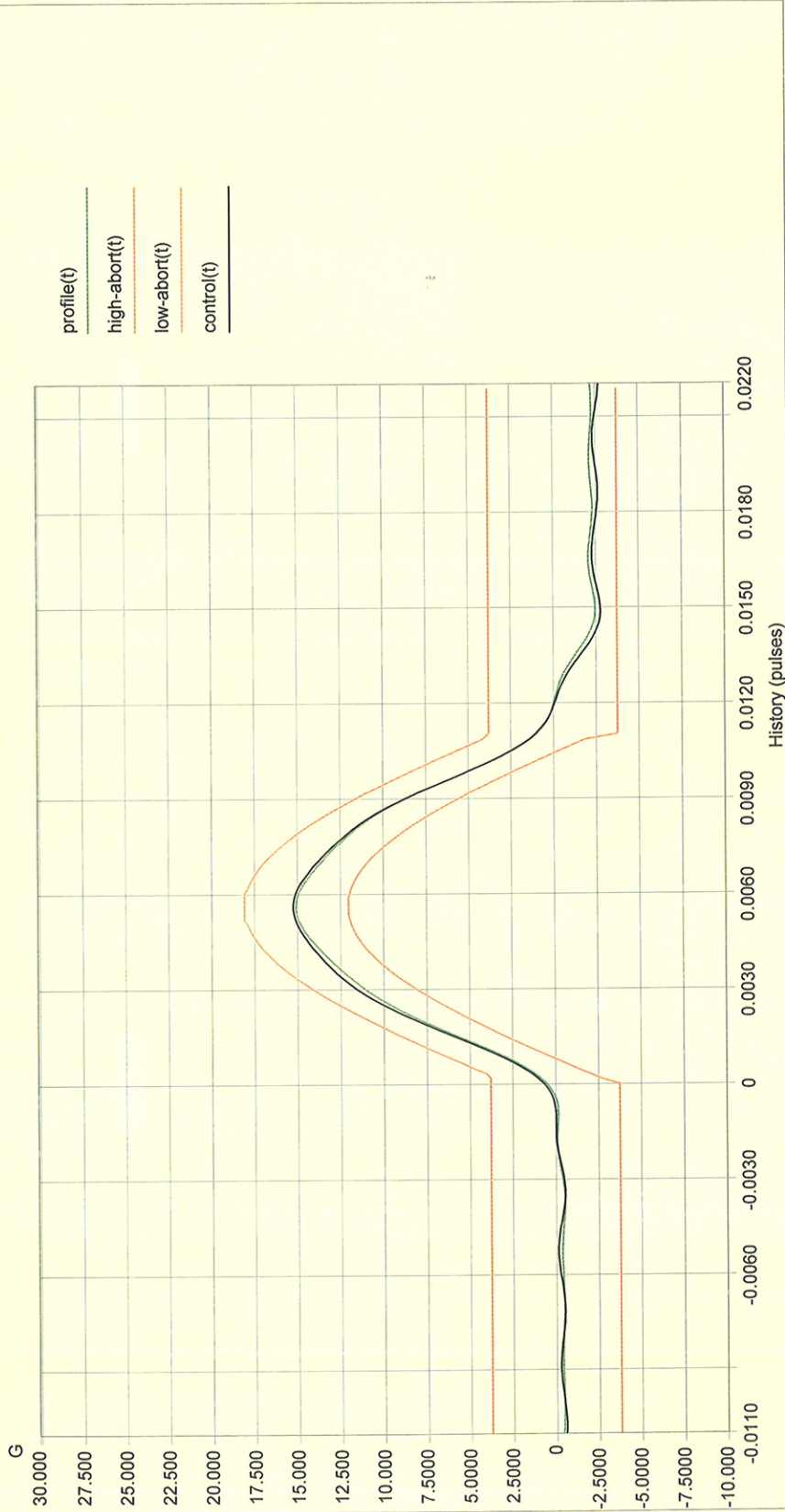
Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 15.317678 G Control RMS: 2.078520 G
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 Data saved at 10:49:26 PM, Tuesday, May 29, 2007 Report created at 10:49:26 PM, Tuesday, May 29, 2007



Axis -X

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-50-03



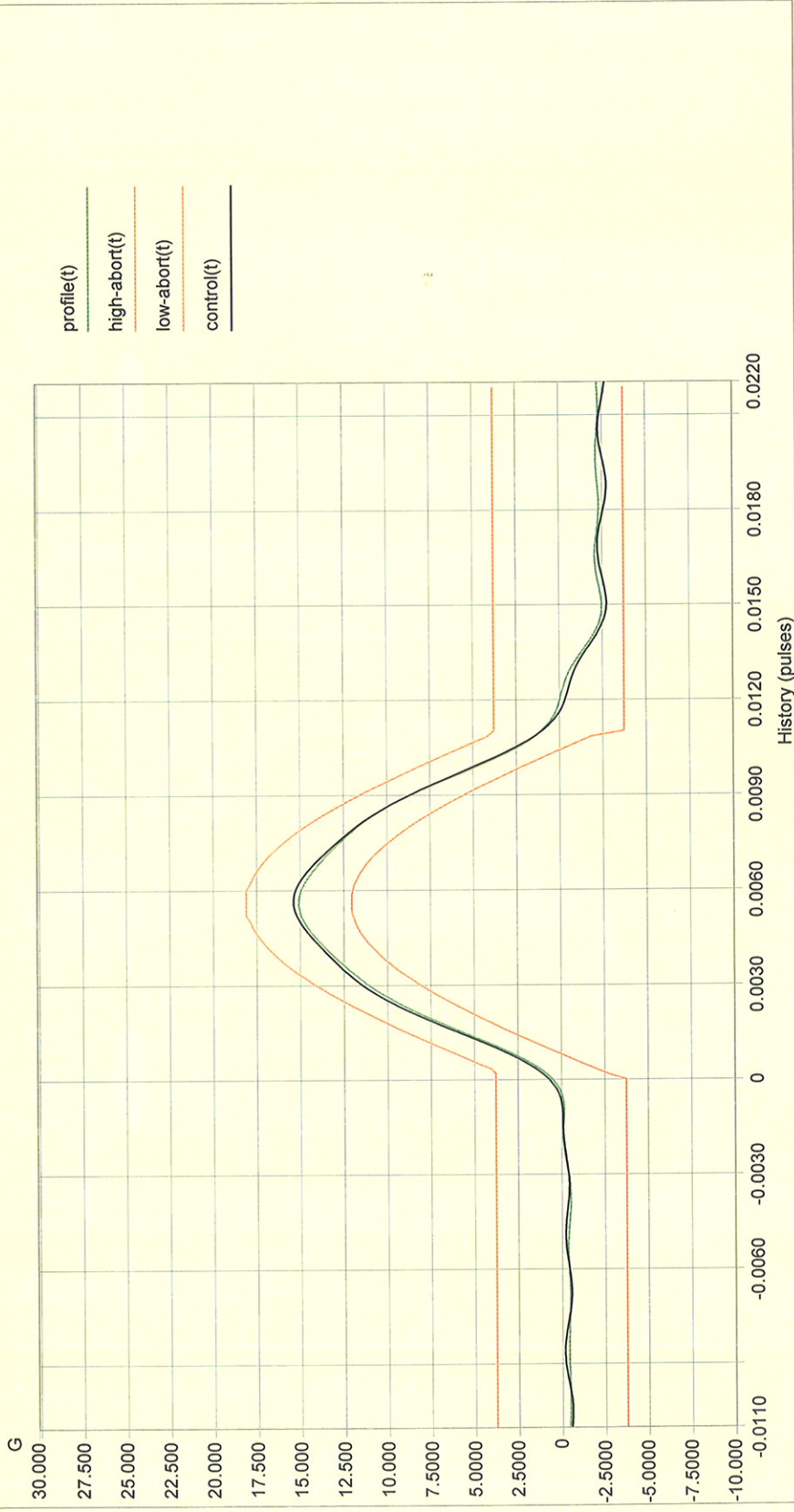
Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.159424 G Control RMS: 2.080328 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 Data saved at 10:50:27 PM, Tuesday, May 29, 2007 Report created at 10:50:27 PM, Tuesday, May 29, 2007



Axis y

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29, 2007 22-51-55

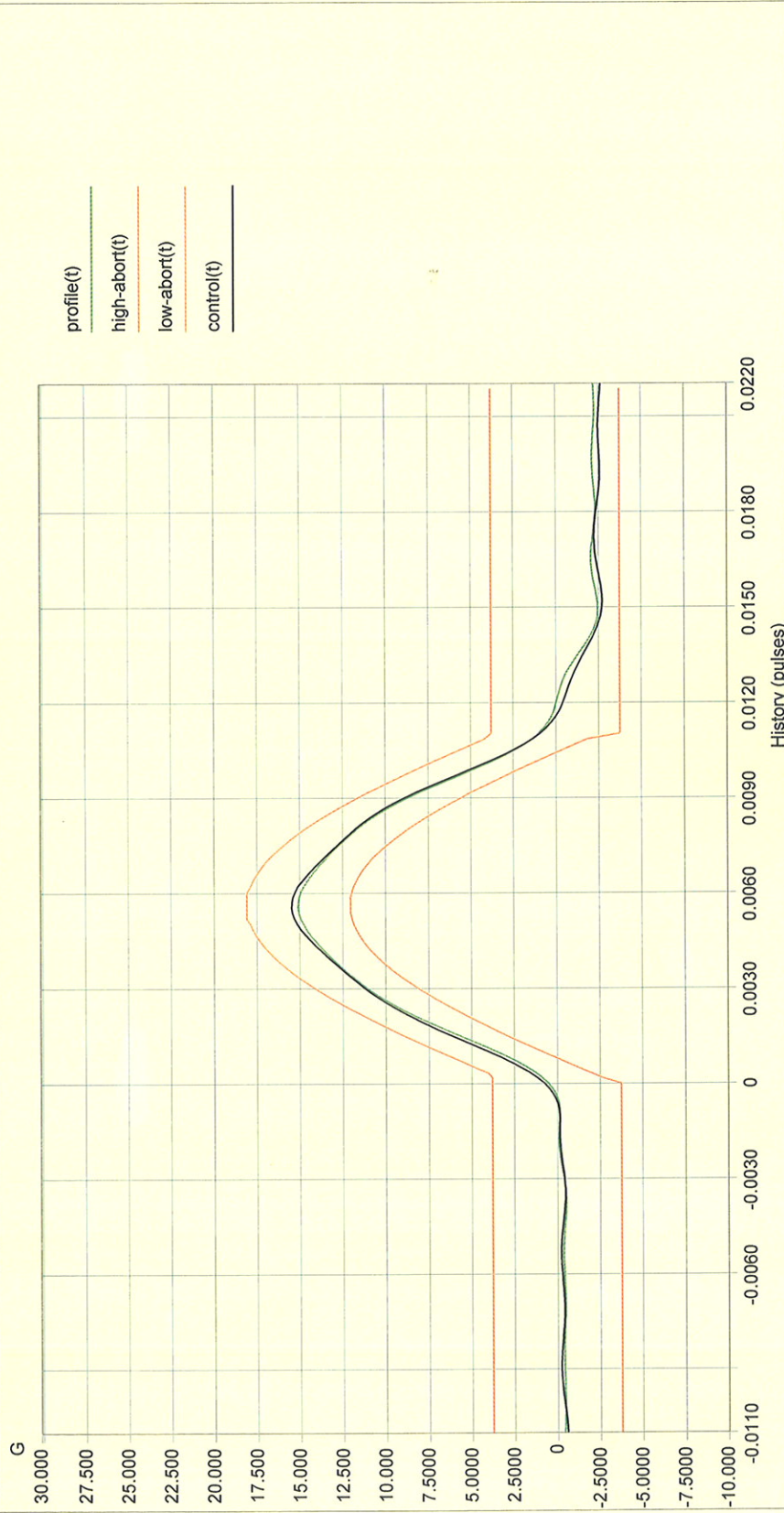


Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
Frame Time: 0.341333 Seconds Control Peak: 15.295019 G Control RMS: 2.080004 G
dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
Data saved at 10:52:16 PM, Tuesday, May 29, 2007 Report created at 10:52:16 PM, Tuesday, May 29, 2007

Axis -y

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-53-25



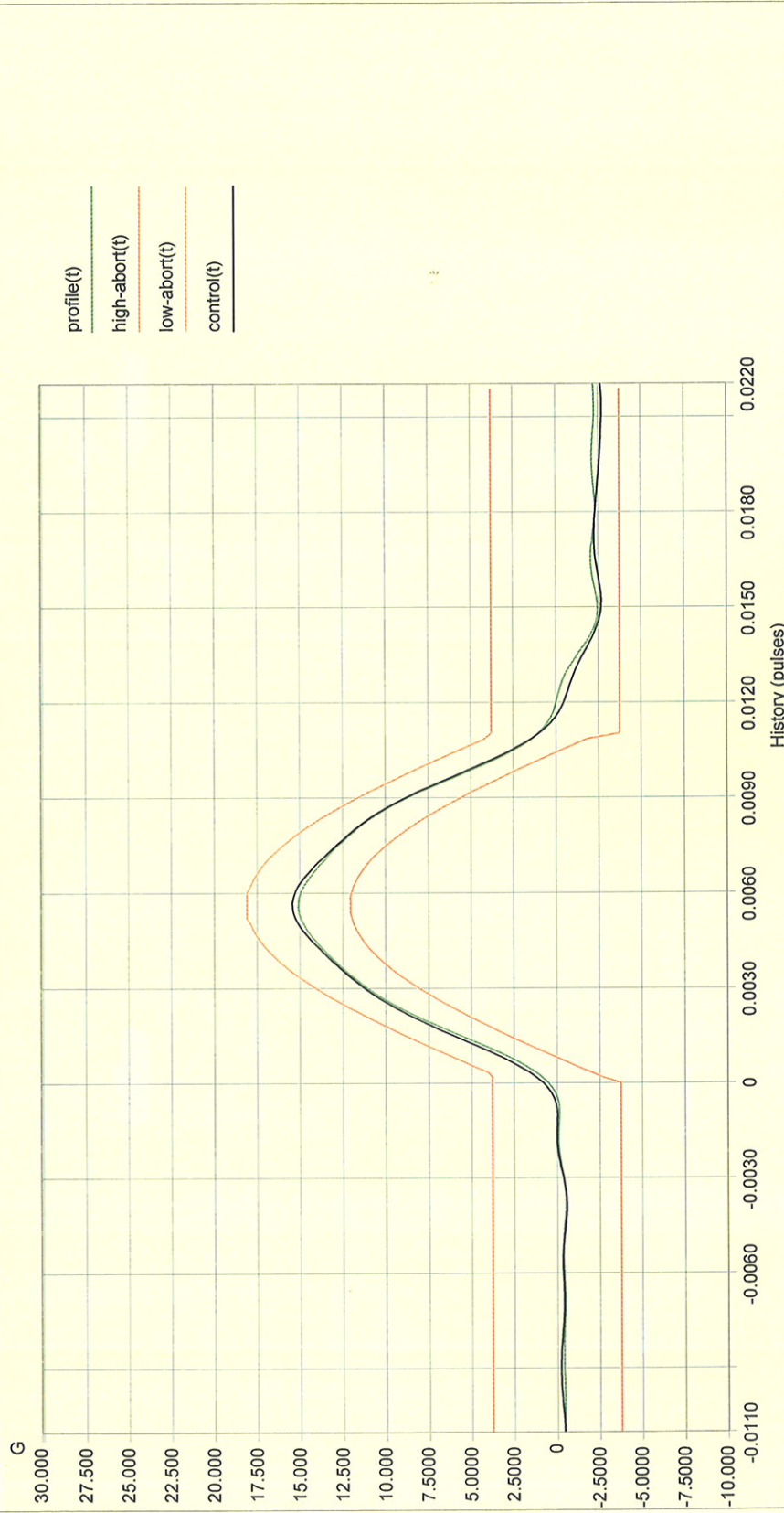
Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.393234 G Control RMS: 2.081161 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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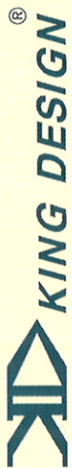
Axis z

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-44-13



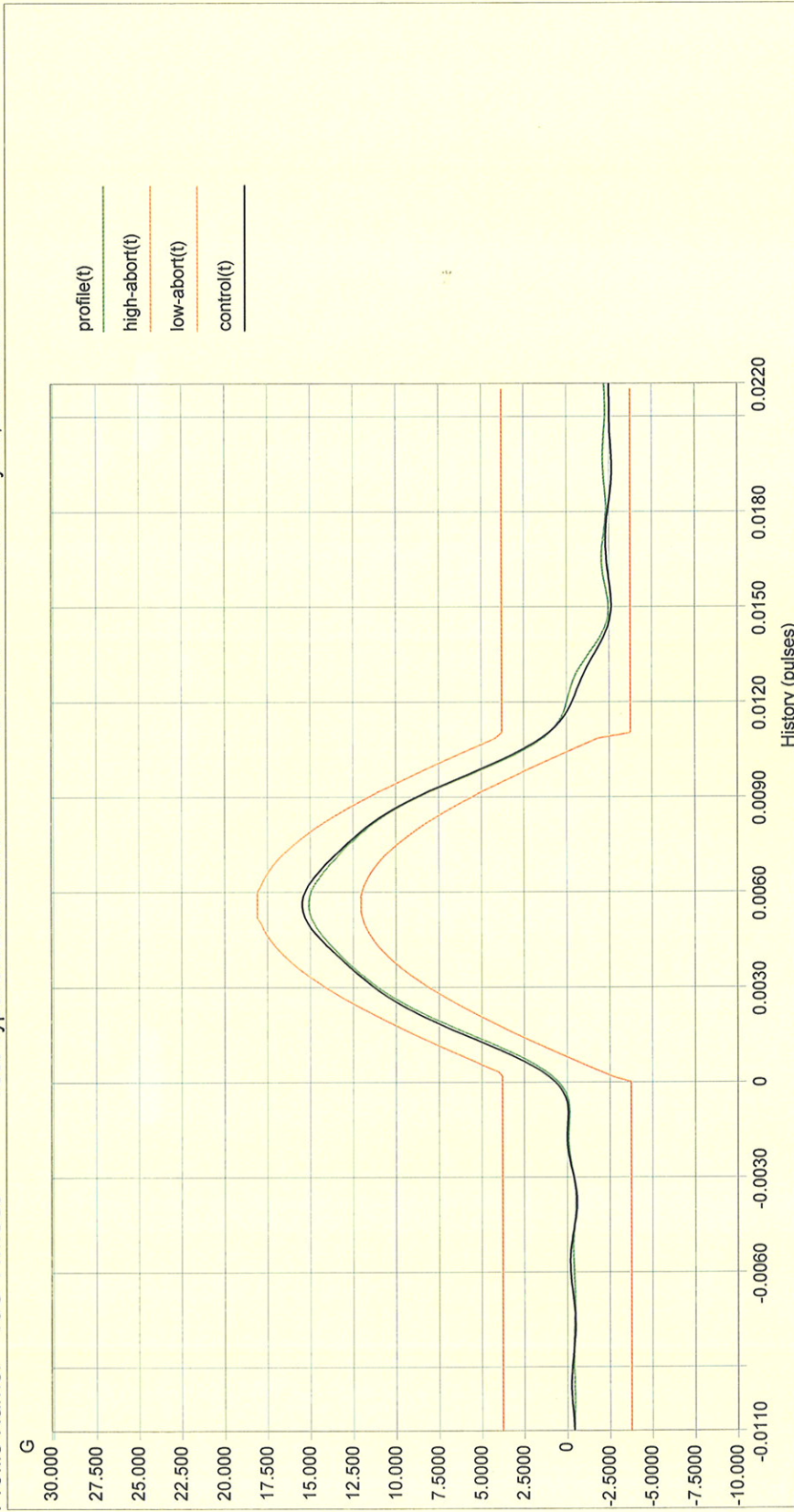
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
Frame Time: 0.341333 Seconds Control Peak: 15.357096 G Control RMS: 2.080062 G
dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
Data saved at 10:44:33 PM, Tuesday, May 29, 2007 Report created at 10:44:34 PM, Tuesday, May 29, 2007



Axis -Z

Project File Name: 研揚 15 g 11 ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run May 29,2007 22-46-37



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
Frame Time: 0.341333 Seconds Control Peak: 15.385448 G Control RMS: 2.081300 G Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
Data saved at 10:46:58 PM, Tuesday, May 29, 2007 Report created at 10:46:58 PM, Tuesday, May 29, 2007