

TESTING / INSPECTION REPORT

REPORT NO : ST-101015-1

COMPANY : AAEON Technology Inc.
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TEL : 886-2-8919-1234
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SPECIMEN : AHP-1122(with 2.5" SATA HDD)
DATE OF RECEIVED : 2010/10/15
DATE OF TESTED : 2010/10/15

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 :

Jason Chen

Approval Signatory :

2010.10.20 David Lee

Laboratory Head :

Hsin Fai

Chang



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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 : AHP-1122(with 2.5" SATA HDD)
- Quantity : 1 piece

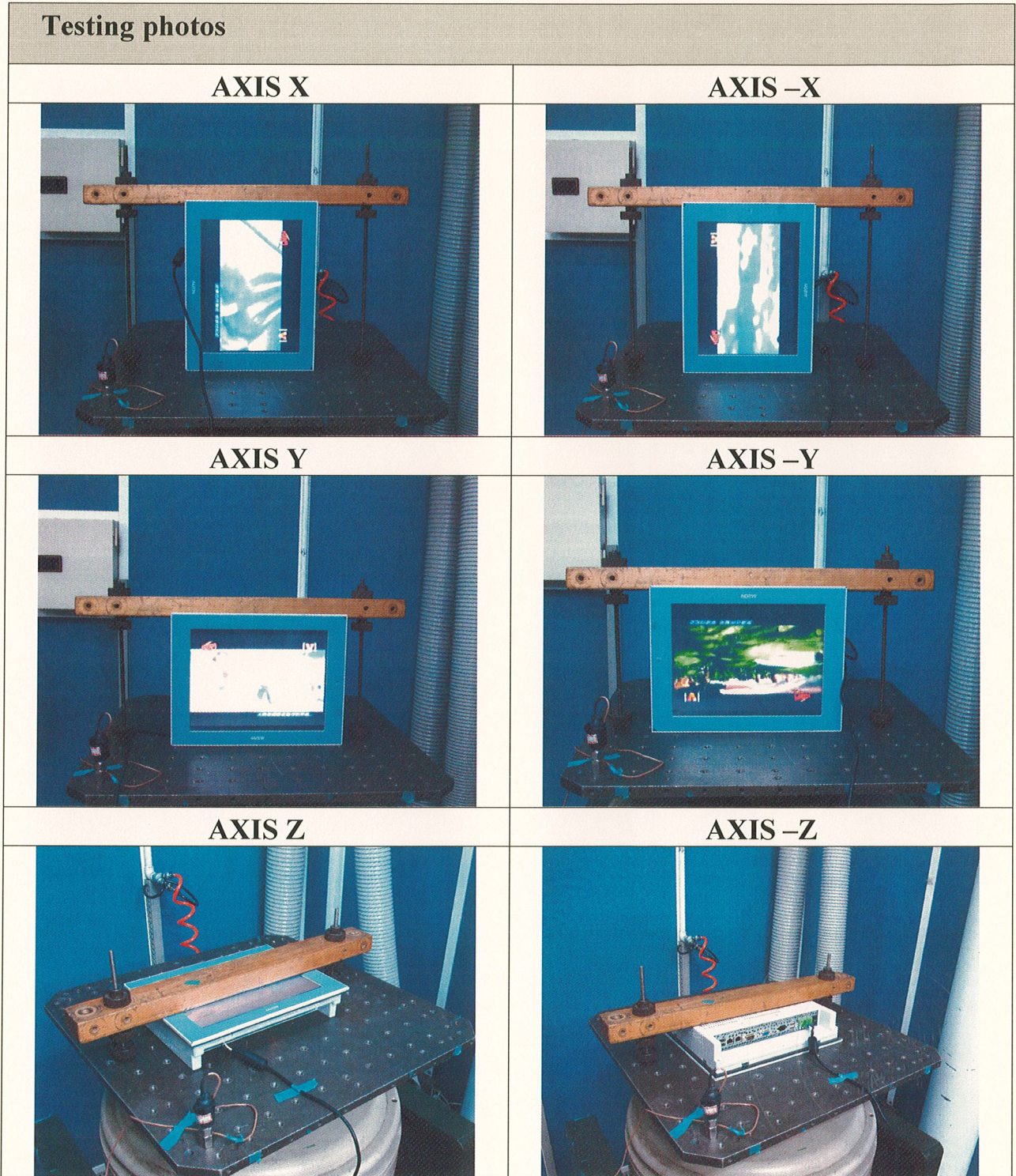
TEST SPECIFICATION :

- Shock Test (Operation)
- Wave Form : Half Sine
- Acceleration : 20 g
- Duration : 11 ms
- Shock Direction : ±X, ±Y, ±Z axis
- No. of Shock : Each axis 3 times

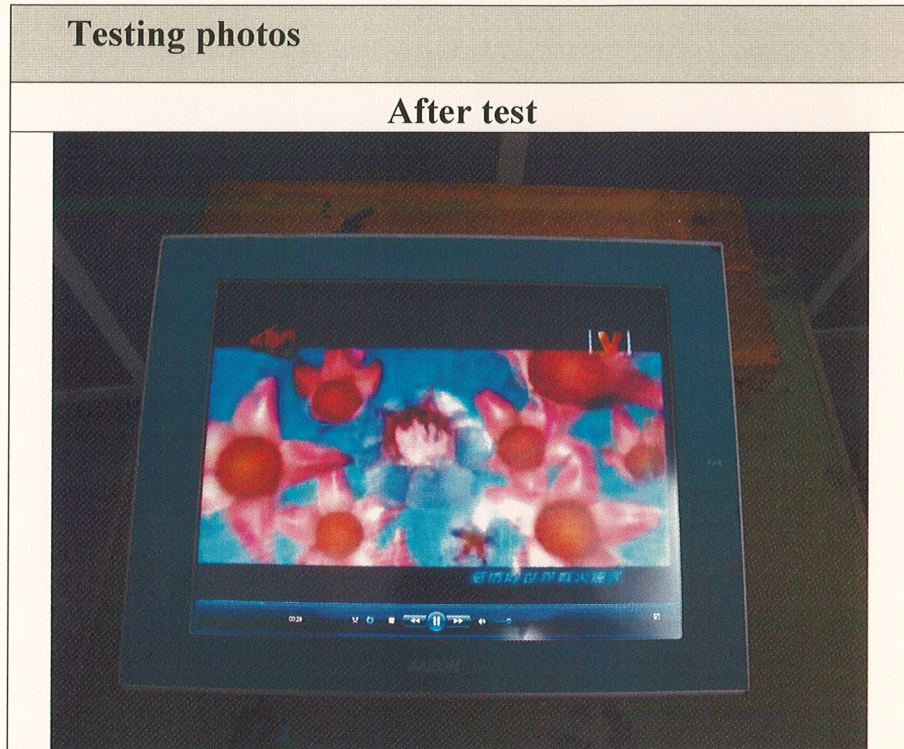
TEST RESULT :

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

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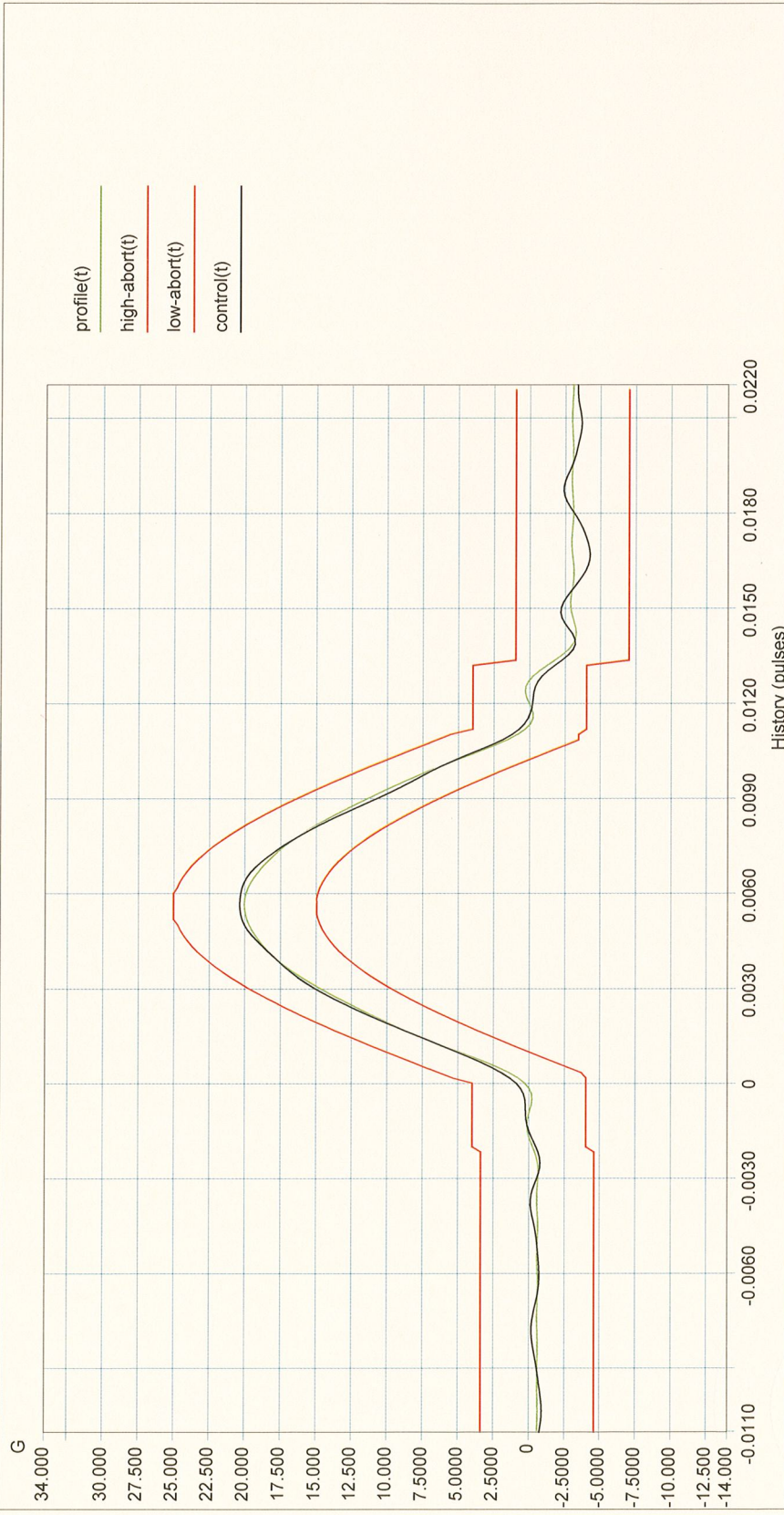
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Axis X

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 15, 2010 10-30-52

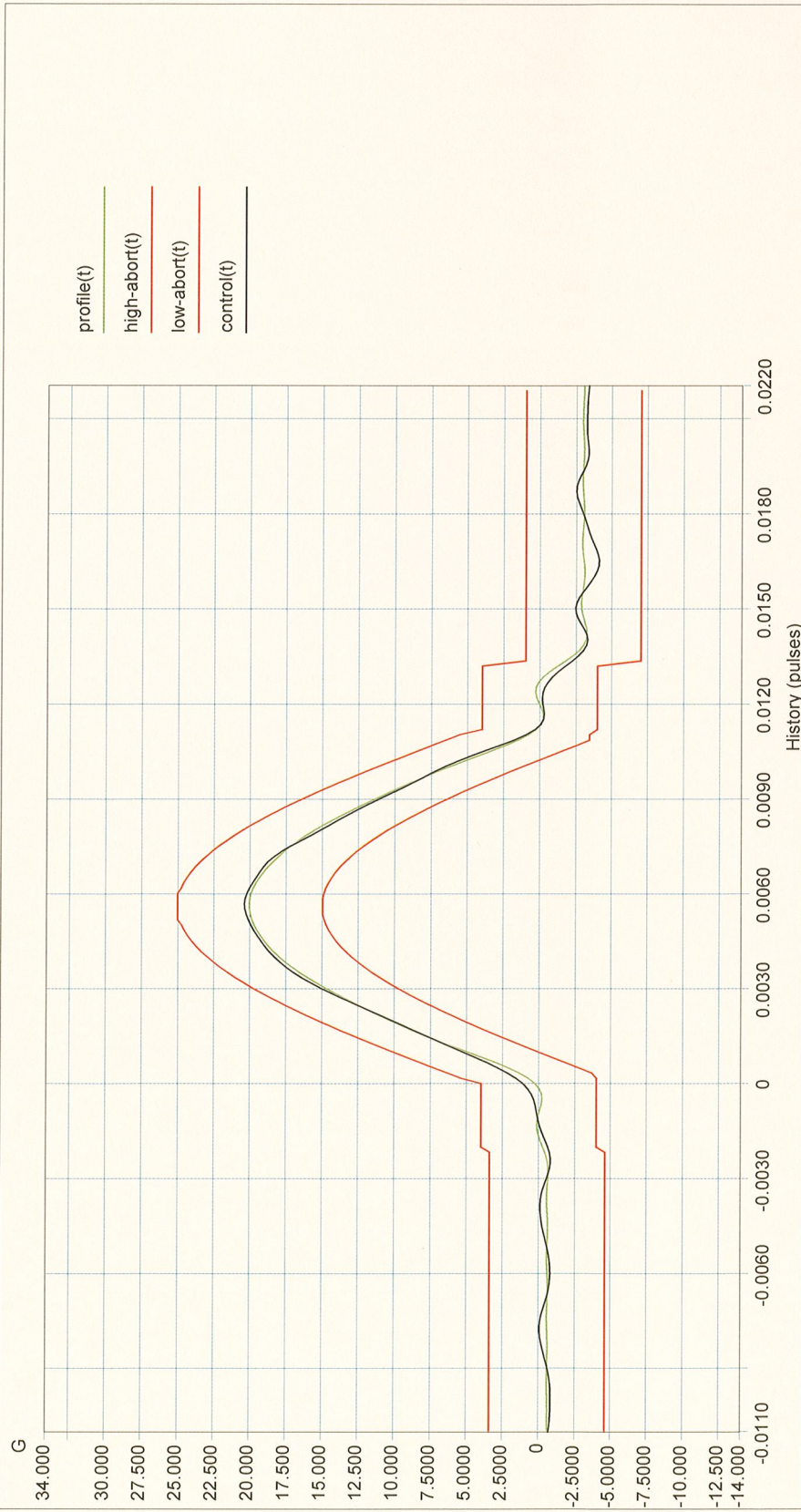


Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 20.351986 G Control RMS: 2.779468 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
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Axis -X

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 15,2010 10-32-09

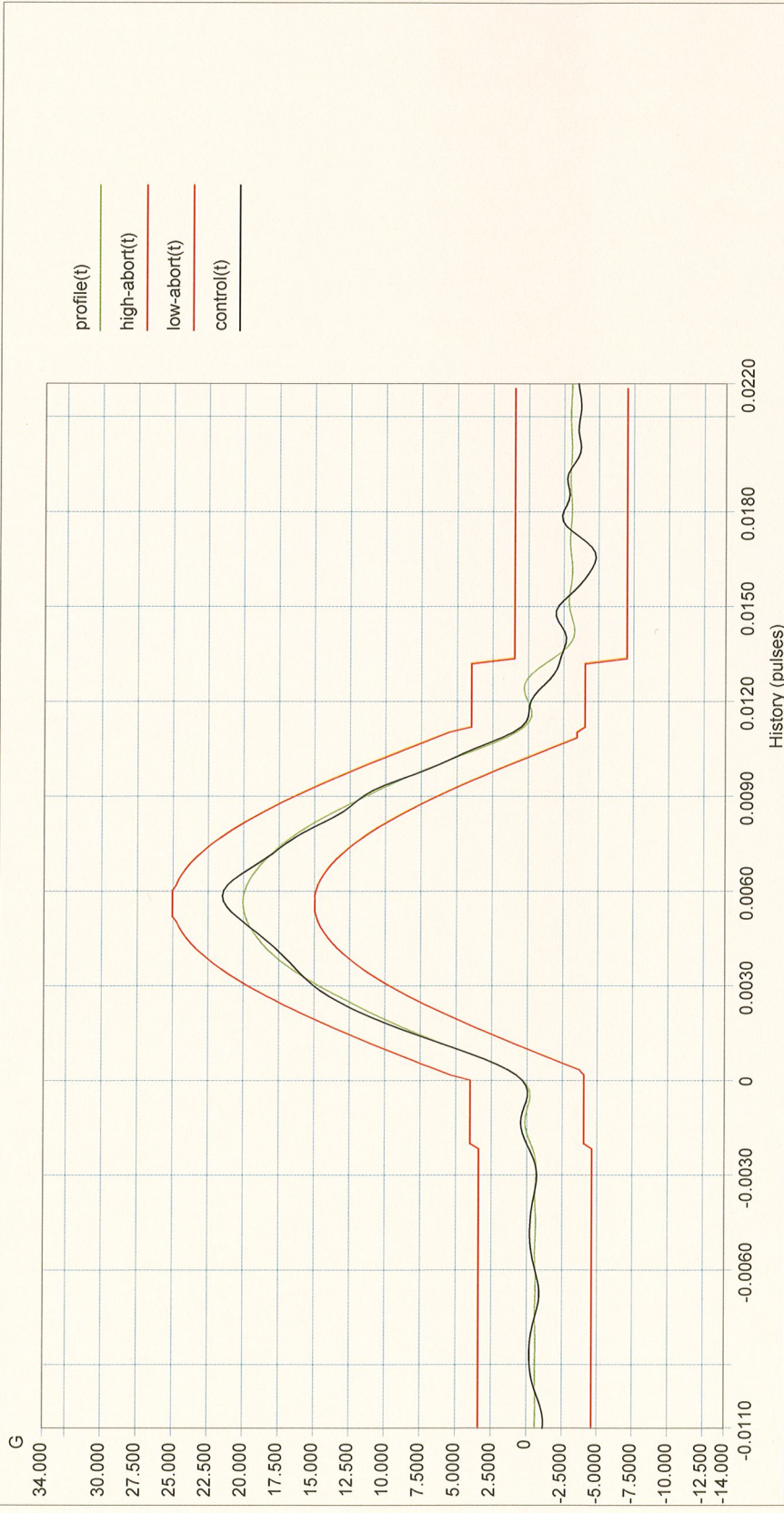


Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 20.362888 G Control RMS: 2.779431 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 Data saved at 10:32:27 AM, Friday, October 15, 2010 Report created at 10:32:28 AM, Friday, October 15, 2010

Axis Y

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 15, 2010 10-27-14

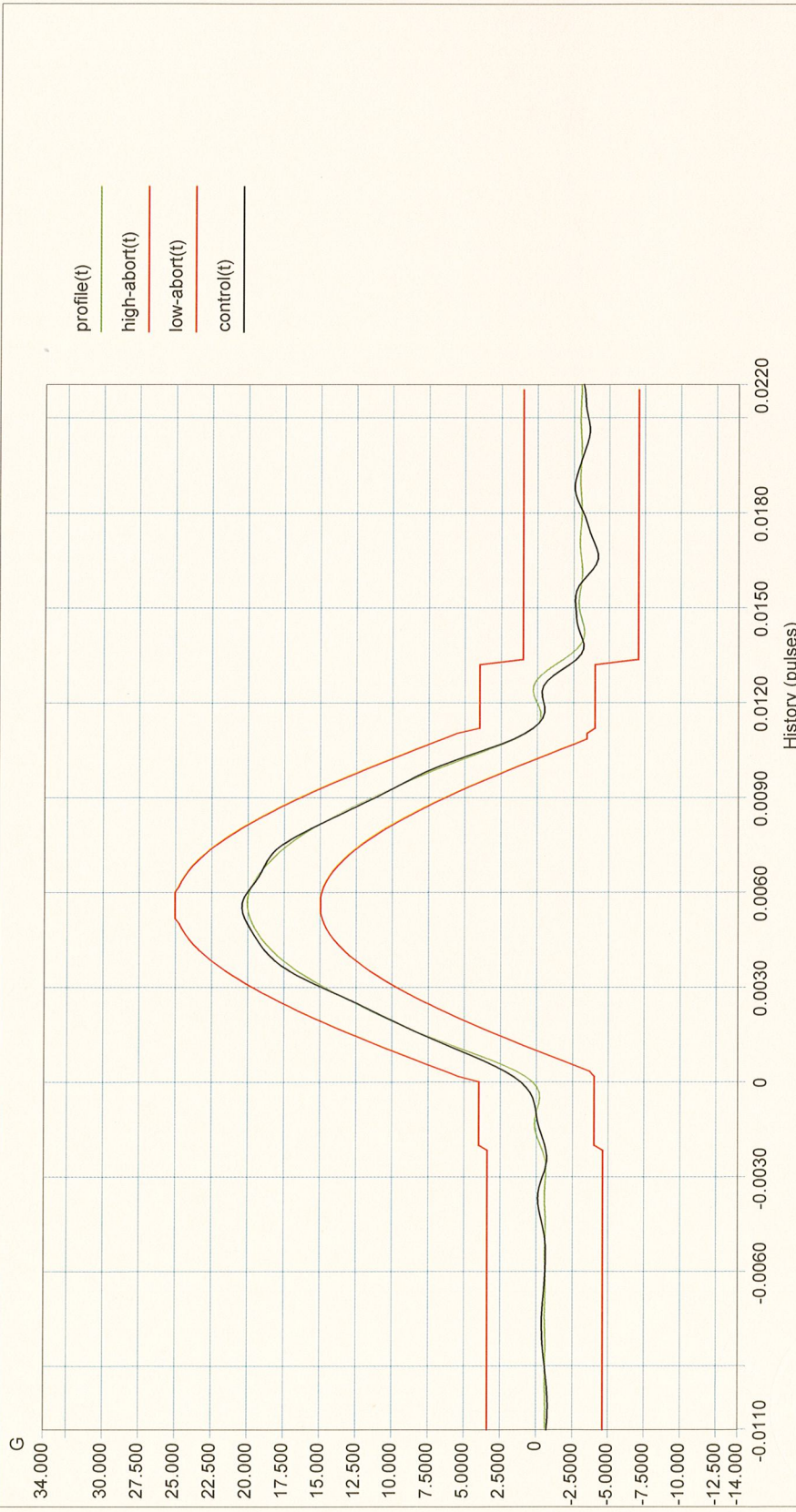


Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 21.463974 G Control RMS: 2.798508 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
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Axis -Y

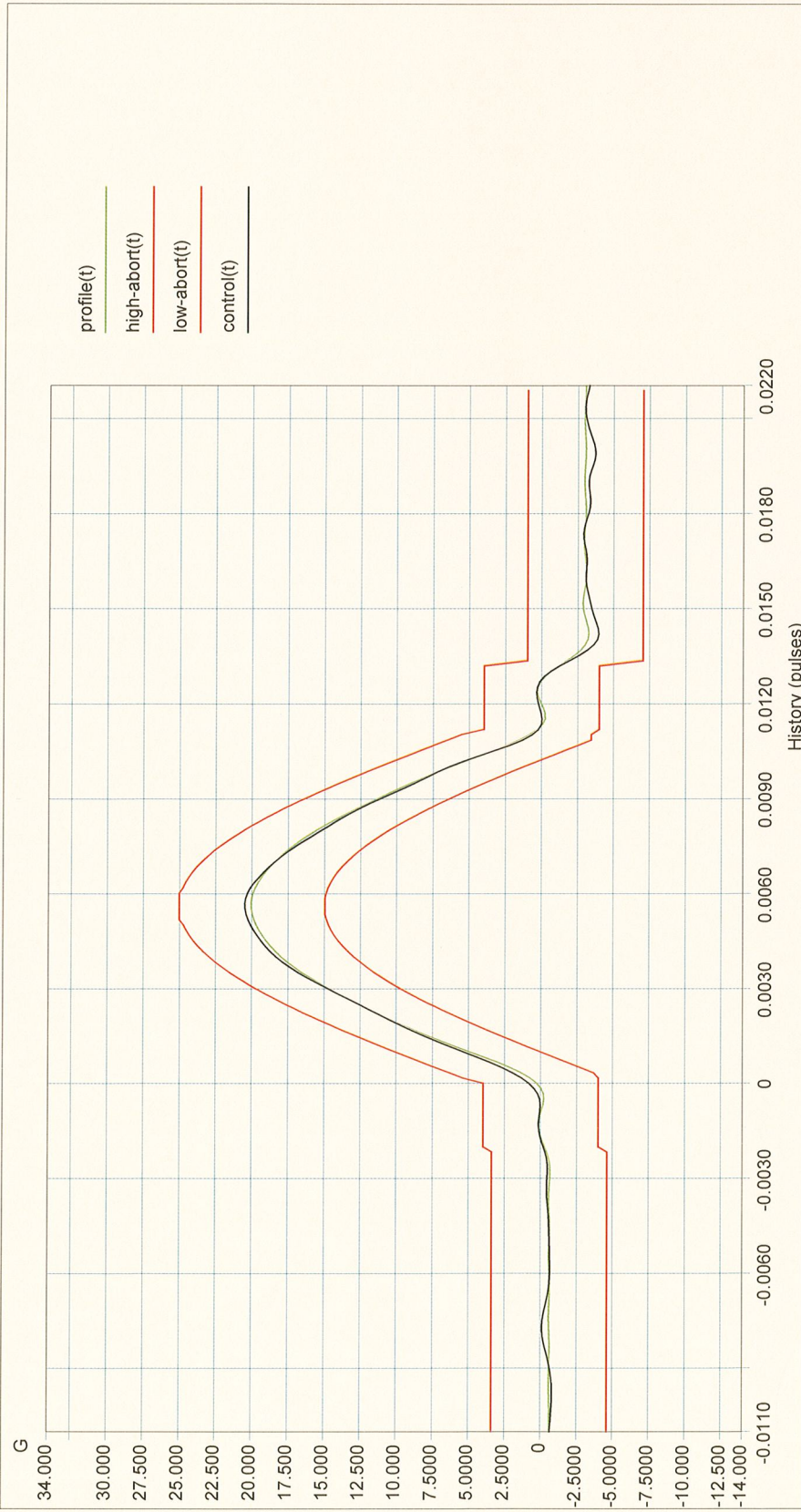
Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Oct 15, 2010 10-28-38



Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 20.387287 G Control RMS: 2.793318 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 Data saved at 10:28:56 AM, Friday, October 15, 2010 Report created at 10:28:57 AM, Friday, October 15, 2010

Axis Z
 Project File Name: 研揚 20g 11mS.prj
 Profile Name: 研揚 20g 11mS.prj Test Type: Classical Shock Run Folder: .\Run Oct 15, 2010 10-23-48

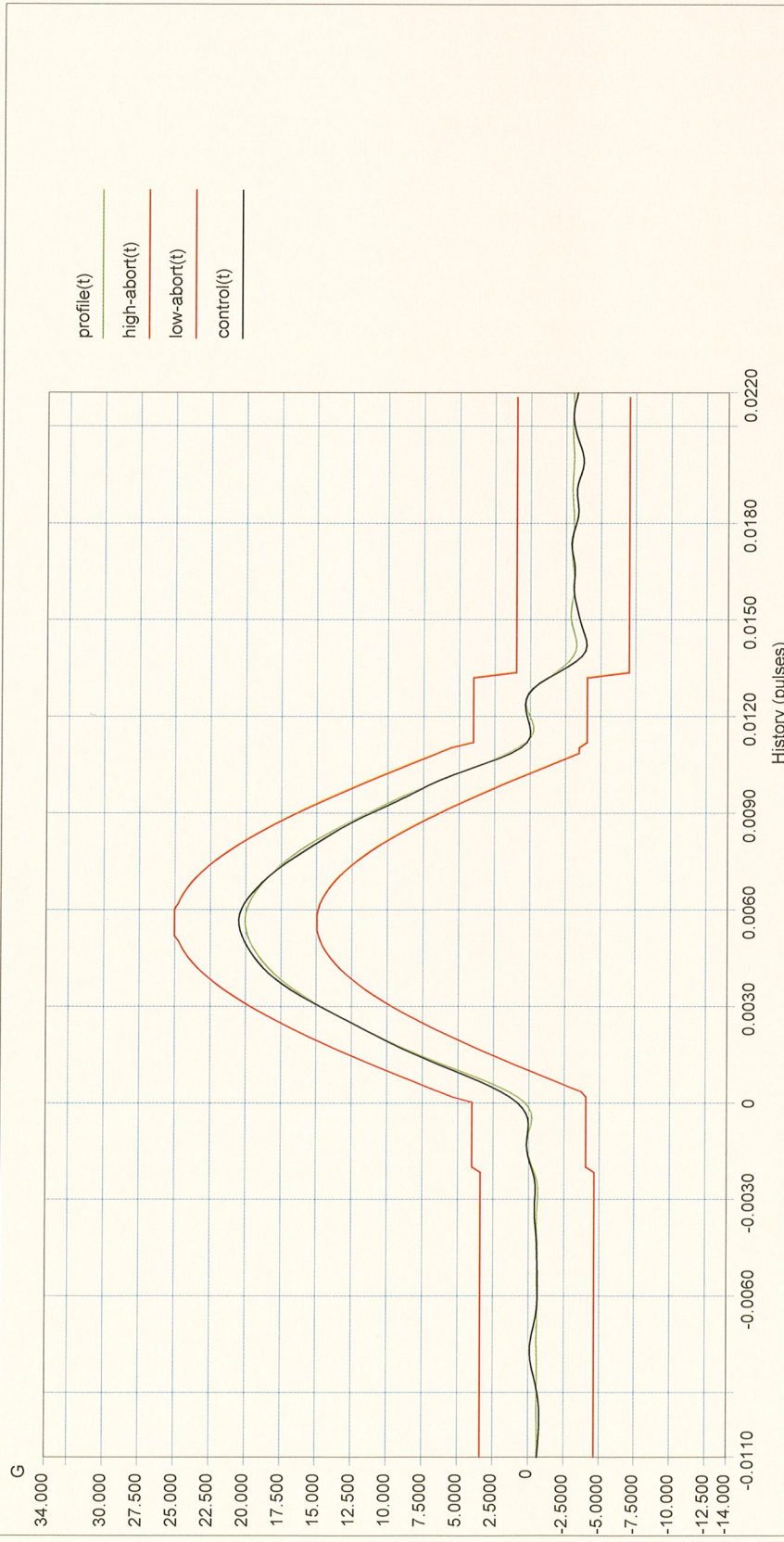


Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 20.458282 G Control RMS: 2.770867 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
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Axis -Z

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20g 11mS.prj Test Type: Classical Shock Run Folder: .\Run Oct 15, 2010 10-33-48



Level: 100 % Block Size: 2048 Elapsed Pulses: 9 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.458282 G Control RMS: 2.770867 G Remaining Pulses: 0
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Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 10:34:05 AM, Friday, October 15, 2010 Report created at 10:34:06 AM, Friday, October 15, 2010

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