

TESTING / INSPECTION REPORT

REPORT NO : ST-101015-2

COMPANY : AAEON Technology Inc.
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SPECIMEN : ACP-5182(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 :	<i>Jason Chen</i>
Approval Signatory :	<i>David Lee</i>
	Laboratory Head : <i>Chang</i>
<i>2010.10.20</i>	<i>Hsin-Tai</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 : ACP-5182(with 2.5" SATA HDD)
 Quantity : 1 piece

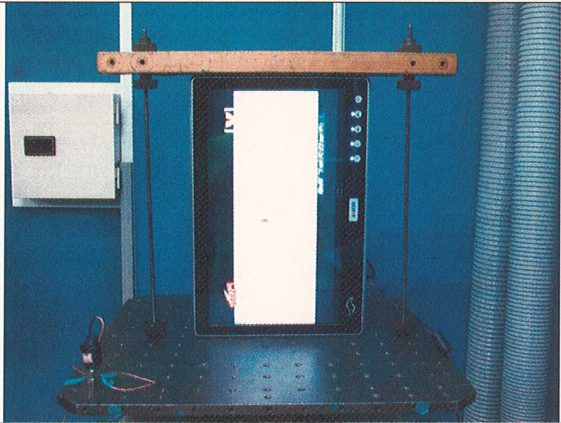
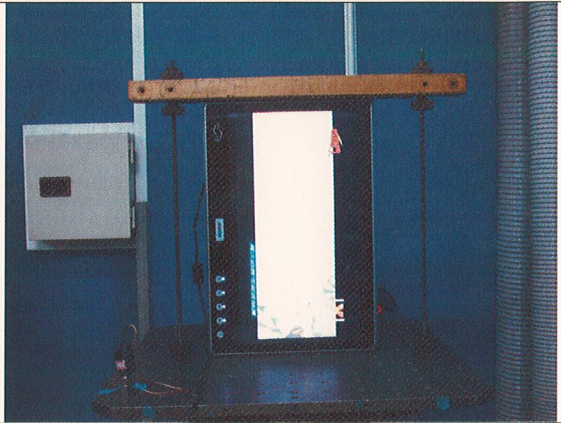
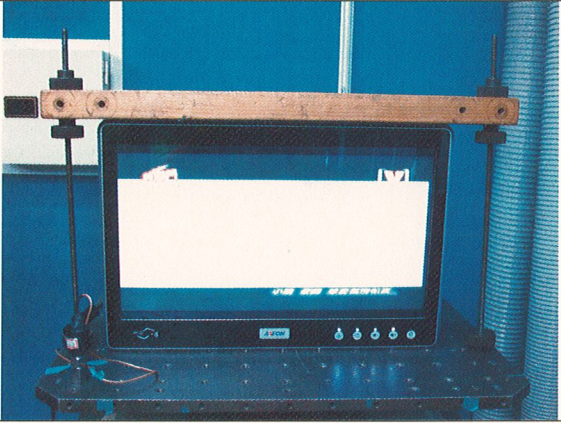
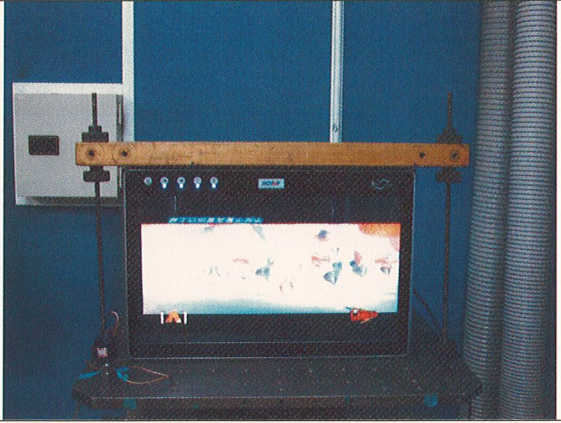
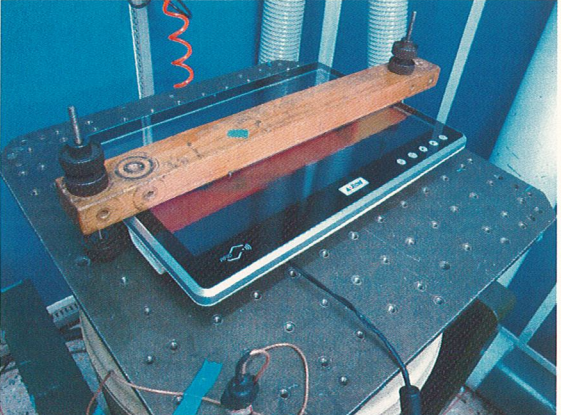
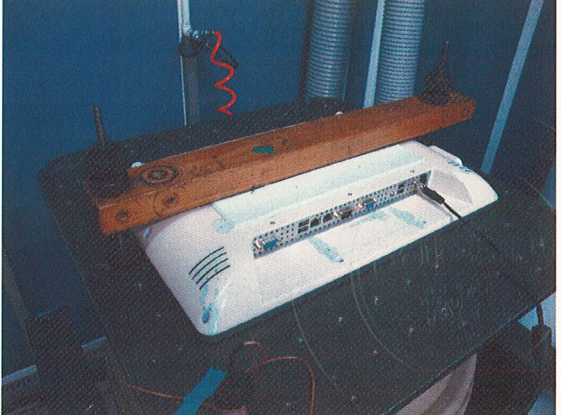
TEST SPECIFICATION :

- 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	√	---	---

TESTING / INSPECTION REPORT

Testing photos	
AXIS X	AXIS -X
	
AXIS Y	AXIS -Y
	
AXIS Z	AXIS -Z
	

TESTING / INSPECTION REPORT

Testing photos

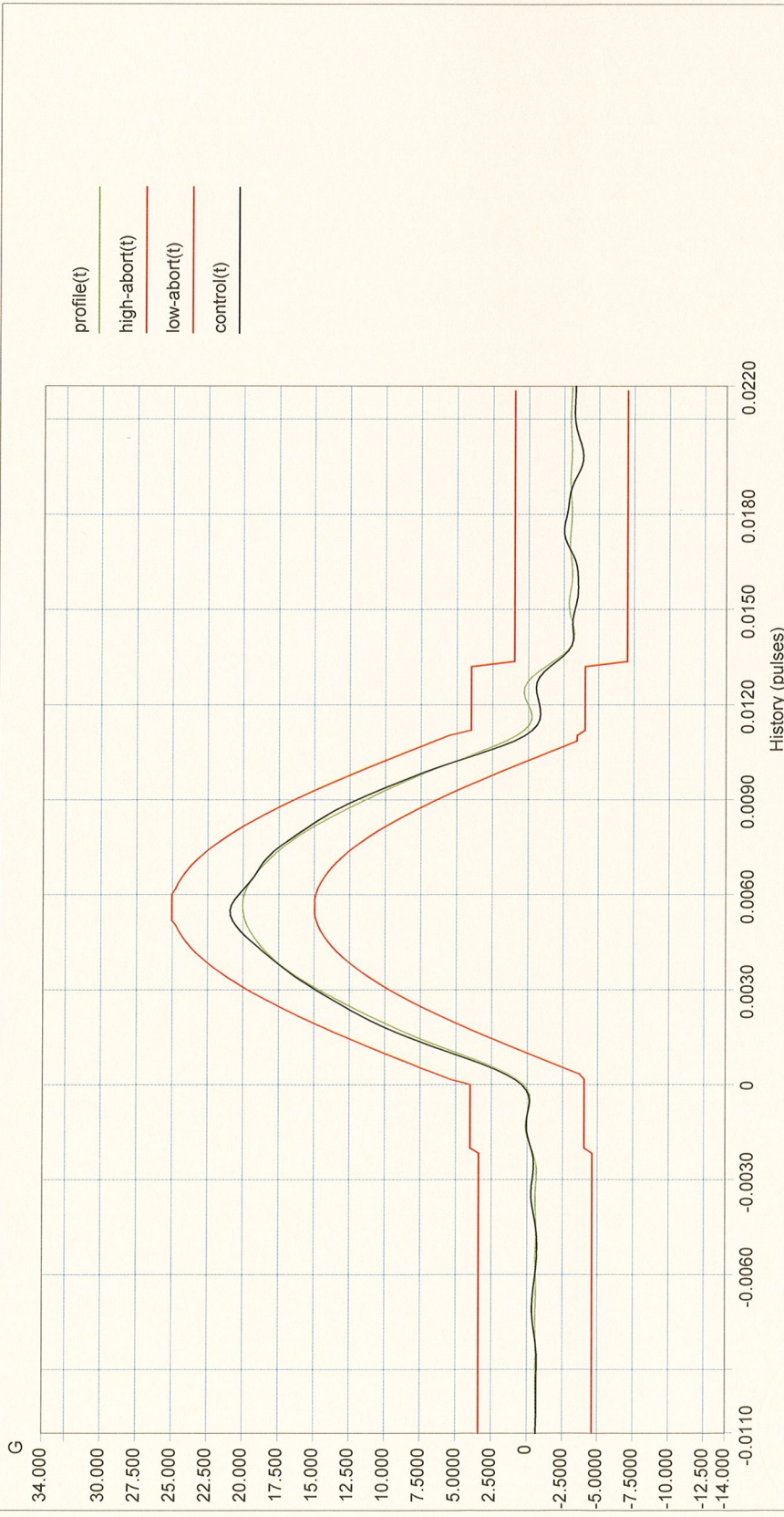
After test



Axis X

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 15, 2010 10-51-39

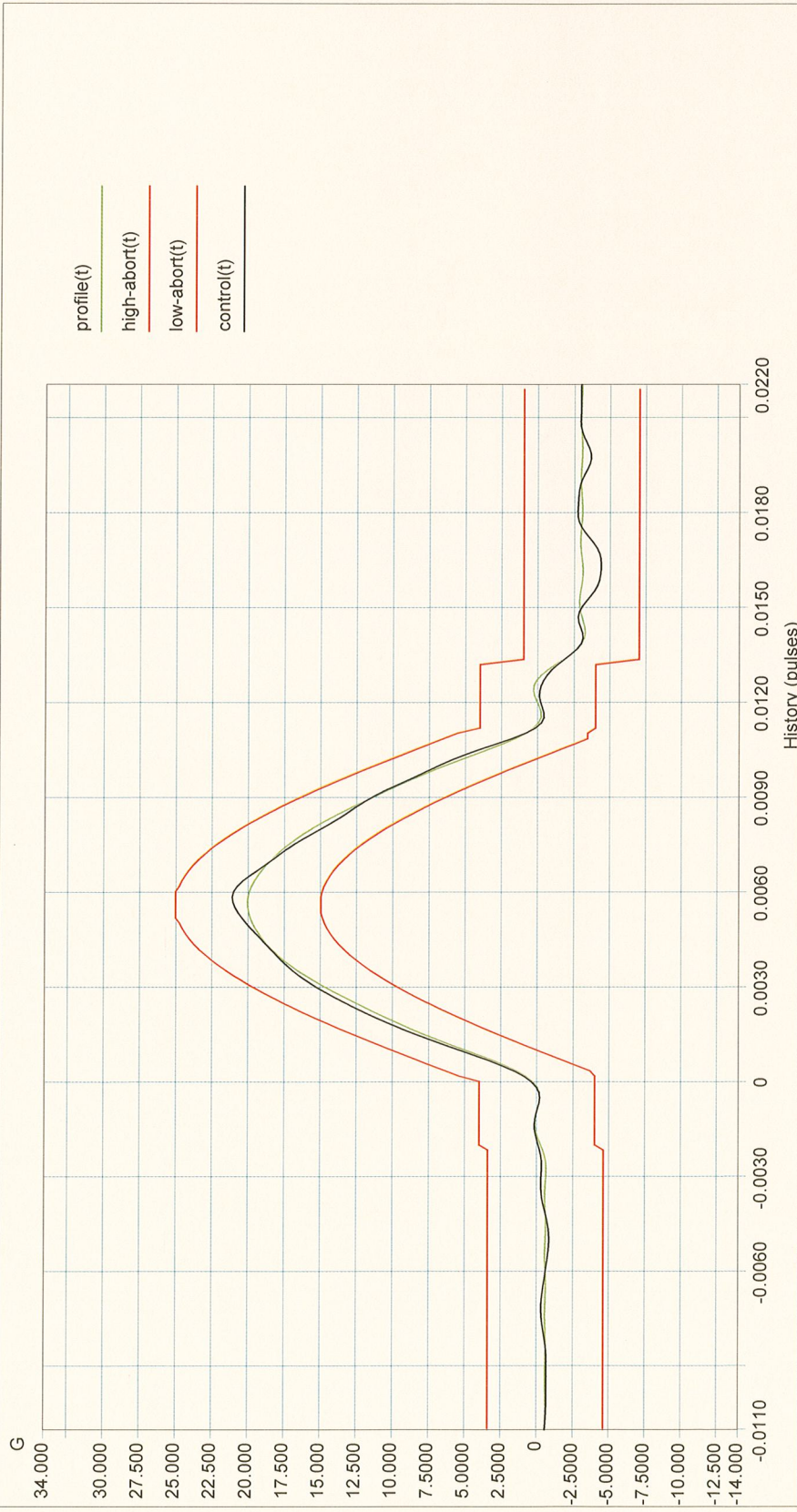


Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 20.905558 G Control RMS: 2.809715 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 10-53-14

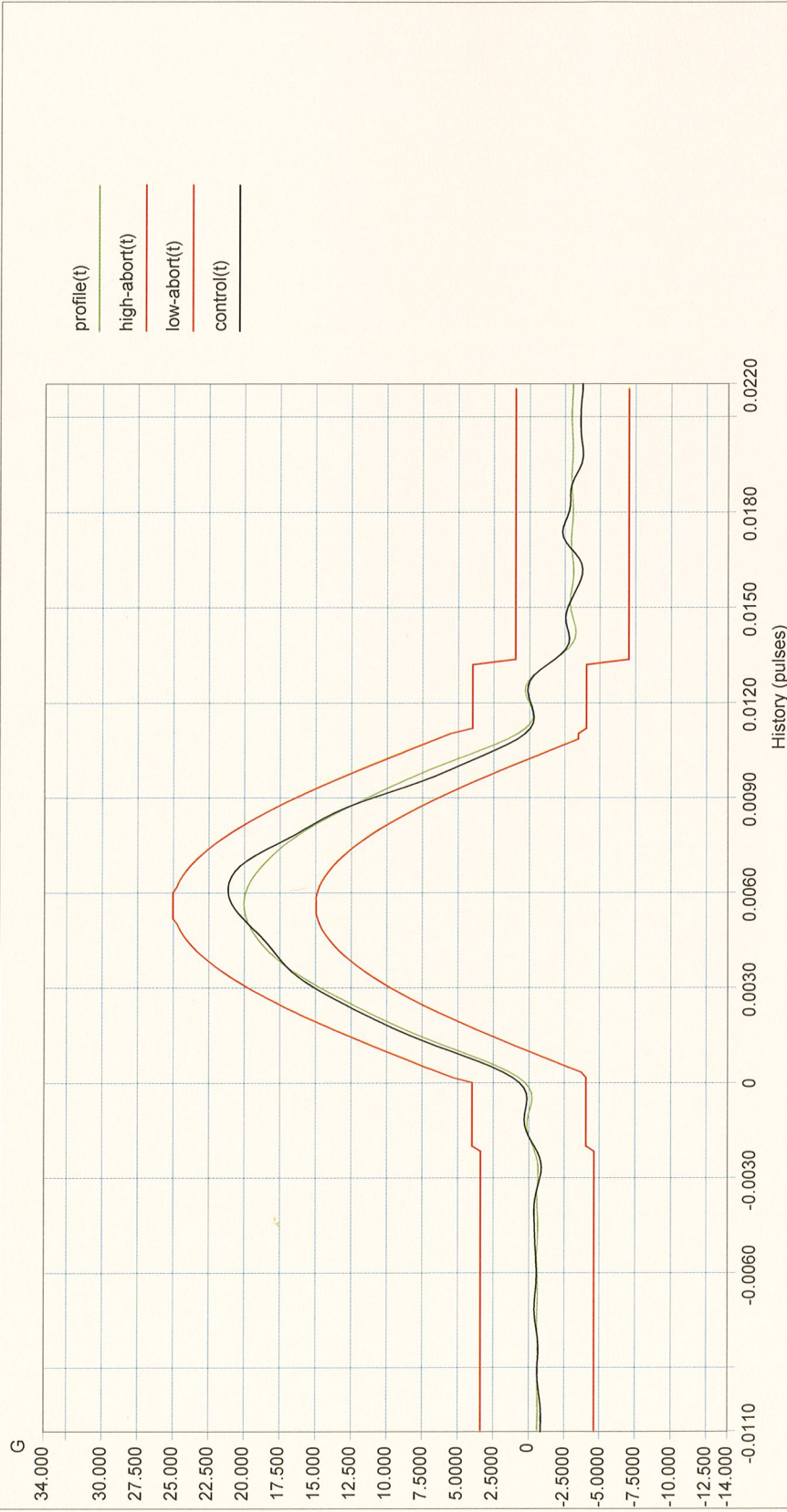


Level: 100 % Block Size: 2048 Elapsed Pulses: 9 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 21.068003 G Control RMS: 2.802204 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 10-46-56

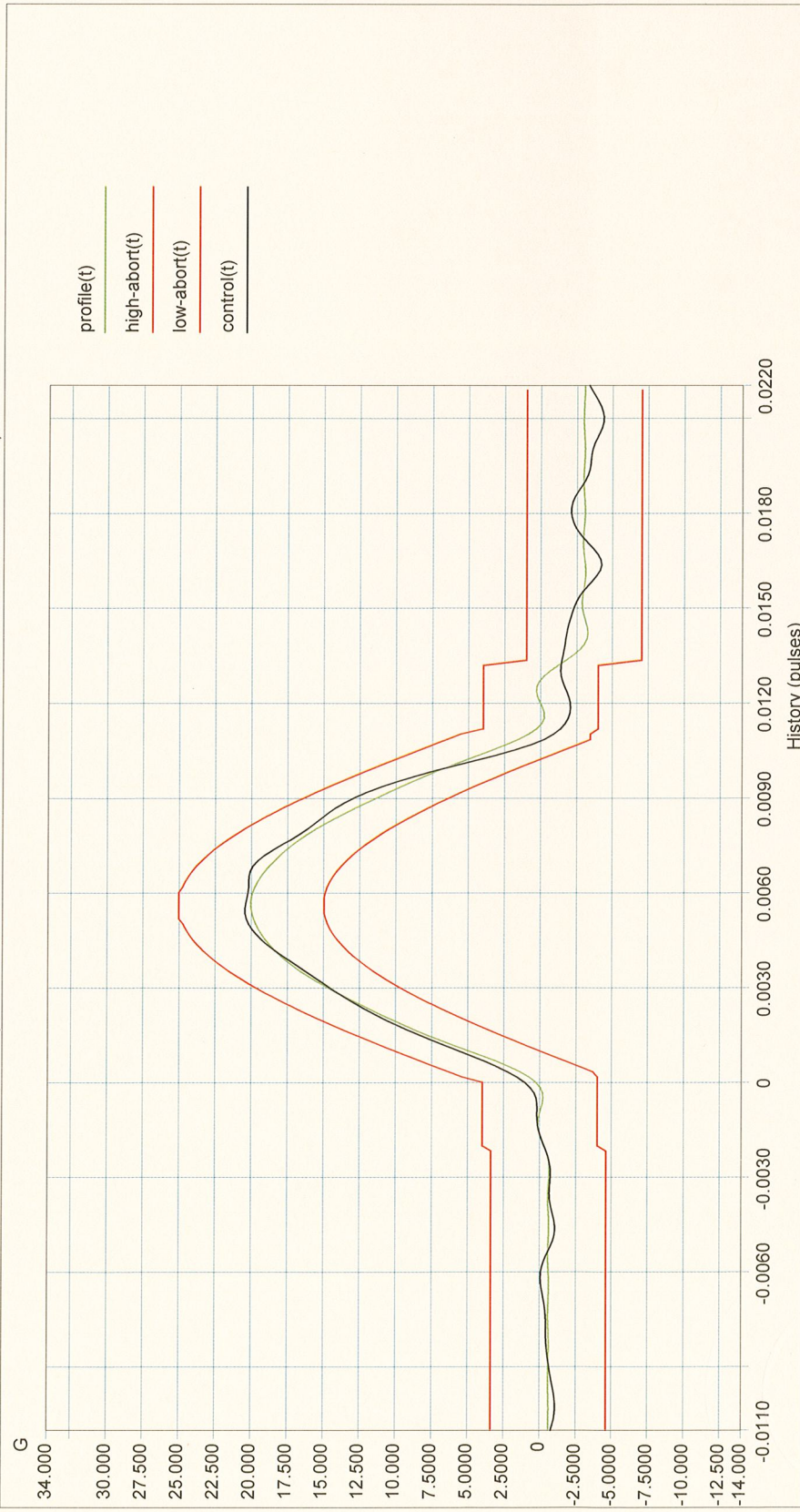


Level: 100 % Block Size: 2048 Elapsed Pulses: 9 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 21.128279 G Control RMS: 2.819516 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 10-48-47

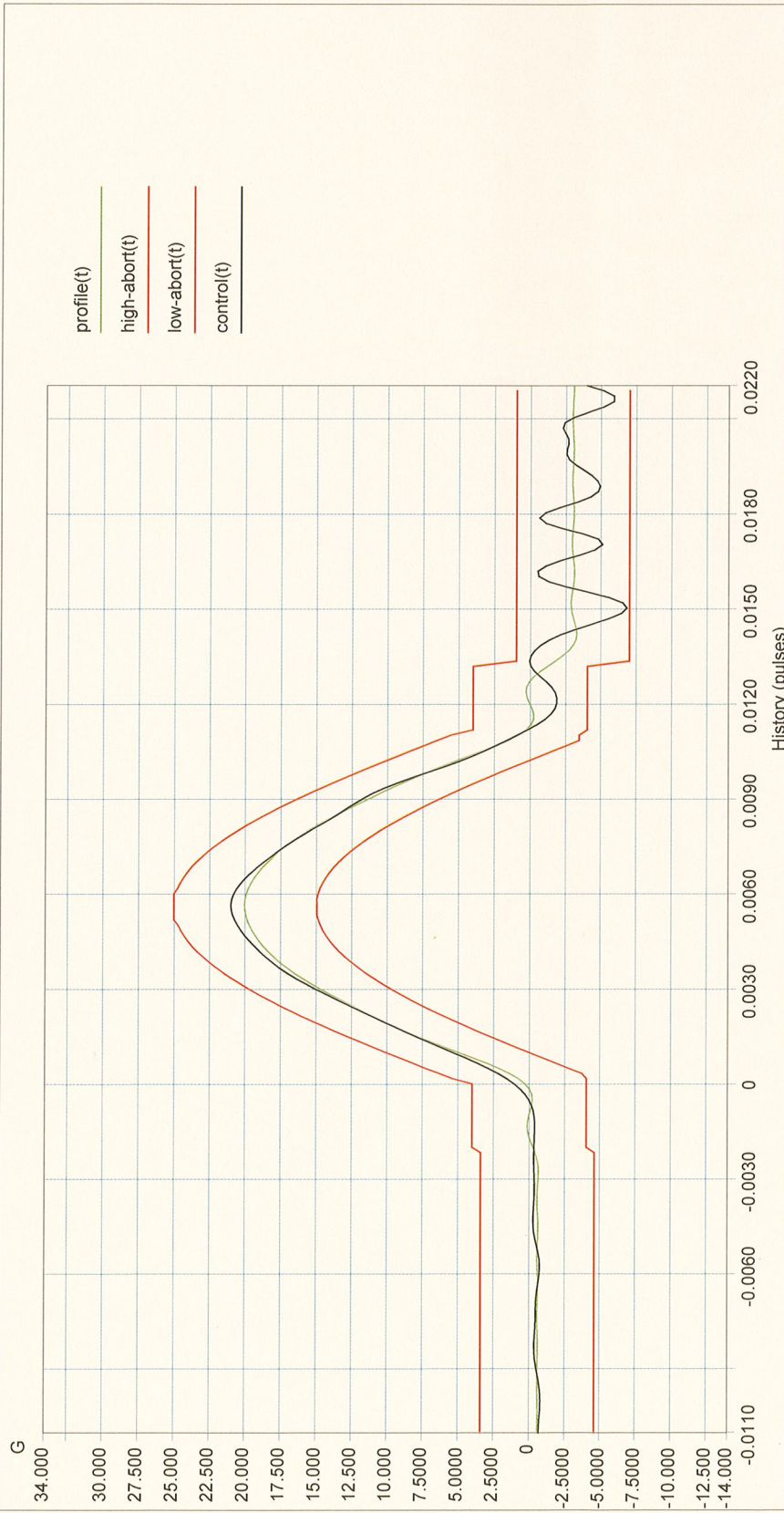


Level: 100 % Block Size: 2048 Elapsed Pulses: 9 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.408346 G Control RMS: 2.838218 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
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Axis Z

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 15, 2010 10-41-41

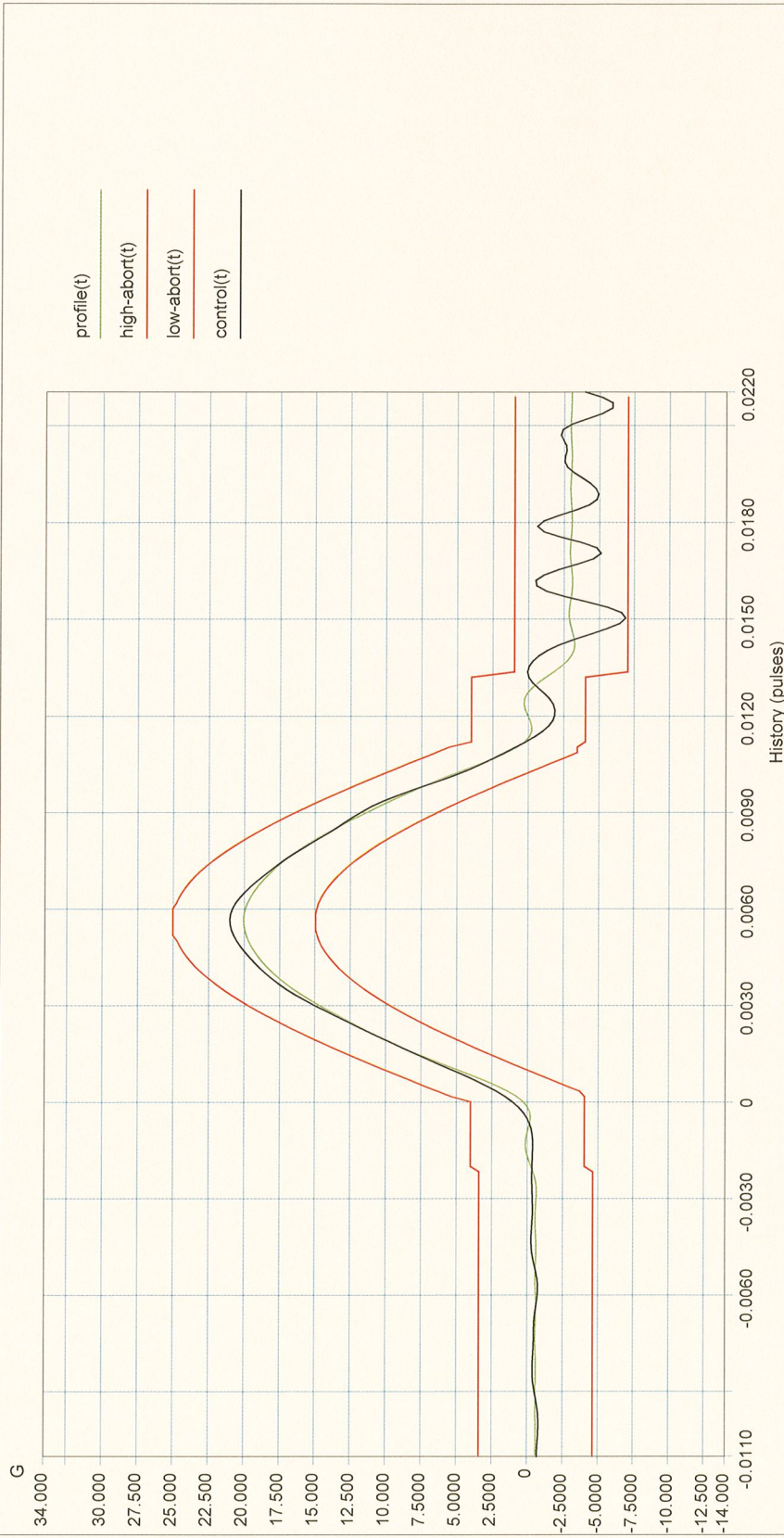


Level: 100 % Block Size: 2048 Elapsed Pulses: 9
 Frame Time: 0.341333 Seconds Control Peak: 20.293810 G Control RMS: 2.853046 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.707792 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
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Axis -Z

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Oct 15, 2010 10-43-09



Level: 100 % Block Size: 2048 Elapsed Pulses: 9 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.988981 G Control RMS: 2.847533 G
 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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