

TESTING / INSPECTION REPORT

DATE : October 15, 2004
REPORT NO : ST-041015-3

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SPECIMEN : ARC-625 (AS-25)

TEST / INSPECTION ITEMS : Shock Test (See Page 2)

REMARKS :

- The results only apply to the device under test.
- This report is 10 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.



Test Engineer	<i>Dennis Ting</i>	
Approved by :	<i>David Lee</i>	Laboratory Head : <i>Dennis Ting</i>

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TESTING EQUIPMENT :

- 1.Shock Tester : KING DESIGN (KD-9363EM-1000F2K-50N120,
S/N : GUG02102091)
- 2.Controller : DACTRON (FRONT-End Box, S/N:7459933)
- 3.Control Accelerometer : Wilcoxon Research (WR-777 , S/N:4207)

TEST ENVIRONMENT :

- Temperature : 24± 2°C
Humidity : 70± 20% RH

SPECIMEN :

- Model : ARC-625 (AS-25)
Quantity : 1 piece

SHOCK TEST SPECIFICATION :

- Wave Form : Half sine wave
Acceleration : 10 g
Duration Time : 11 ms
No. of Shock : Each axis 3 times
Shock Direction : ± X, ± Y, ± Z axis

TEST RESULT :

The pass or failed judgment by AAEON engineers.

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Testing photos
ARC-625 (AS-25)
AXIS ± X



AXIS ± Y

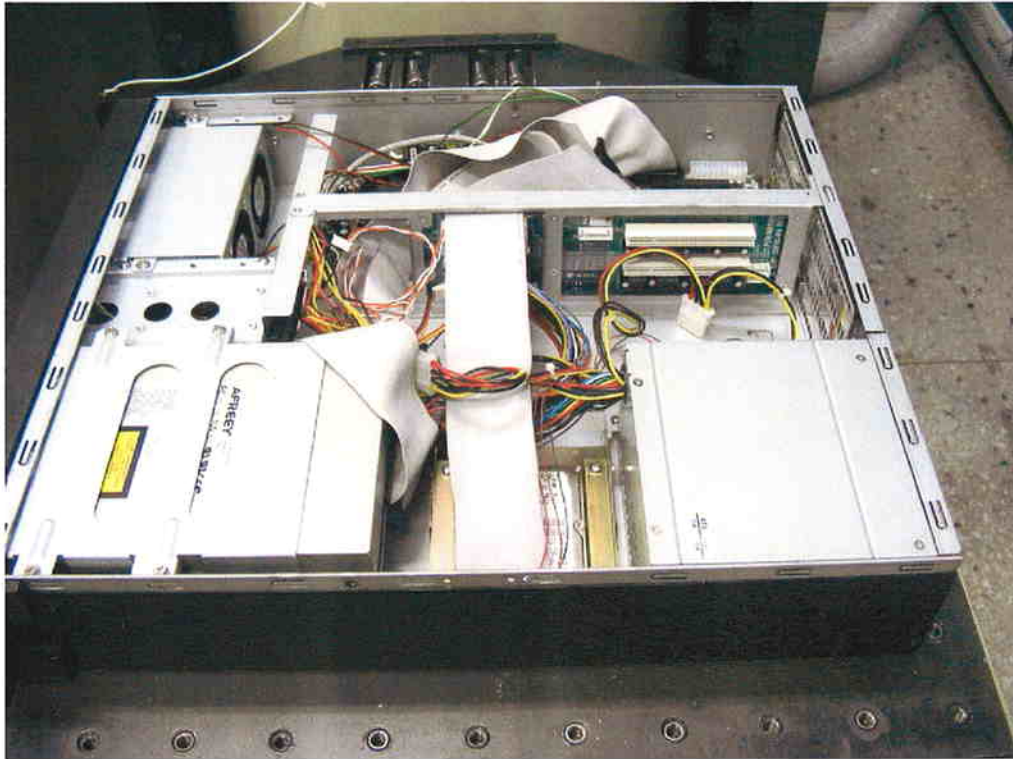


AXIS ± Z



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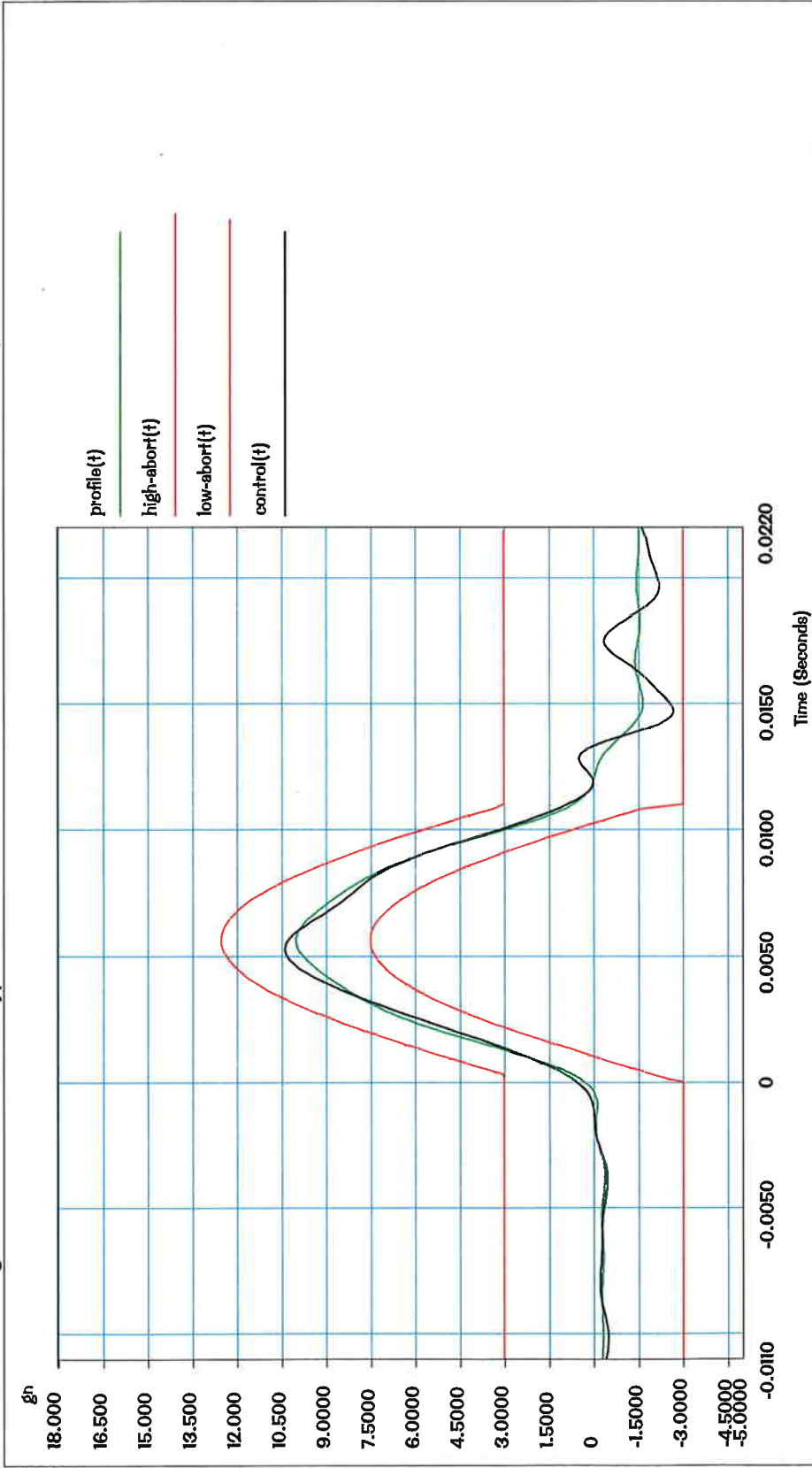
Testing photos



Axis X

Project File Name: 研揚 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 13, 2004 11:34:42

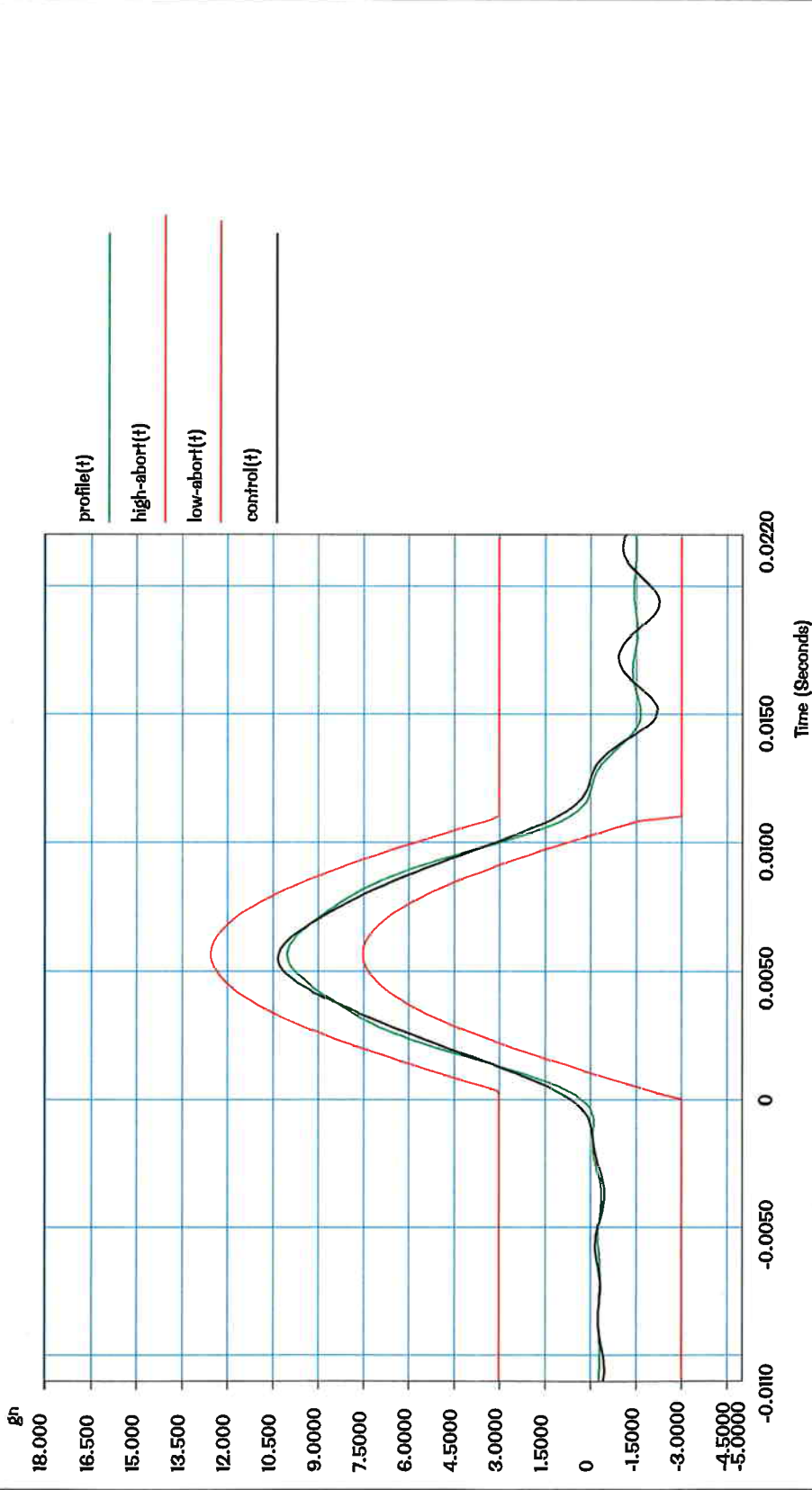


Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 10.370930 gn Control RMS: 0.997255 gn Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 10.000000 gn Demand RMS: 0.984185 gn Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms
Data saved at 11:35:24 AM, Wednesday, October 13, 2004 Report created at 11:35:25 AM, Wednesday, October 13, 2004

Axis -X

Project File Name: 研揚 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 13, 2004 11-38-33



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 10.305589 gn Control RMS: 0.992702 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 gn Demand RMS: 0.984165 gn Remaining Pulses: 0

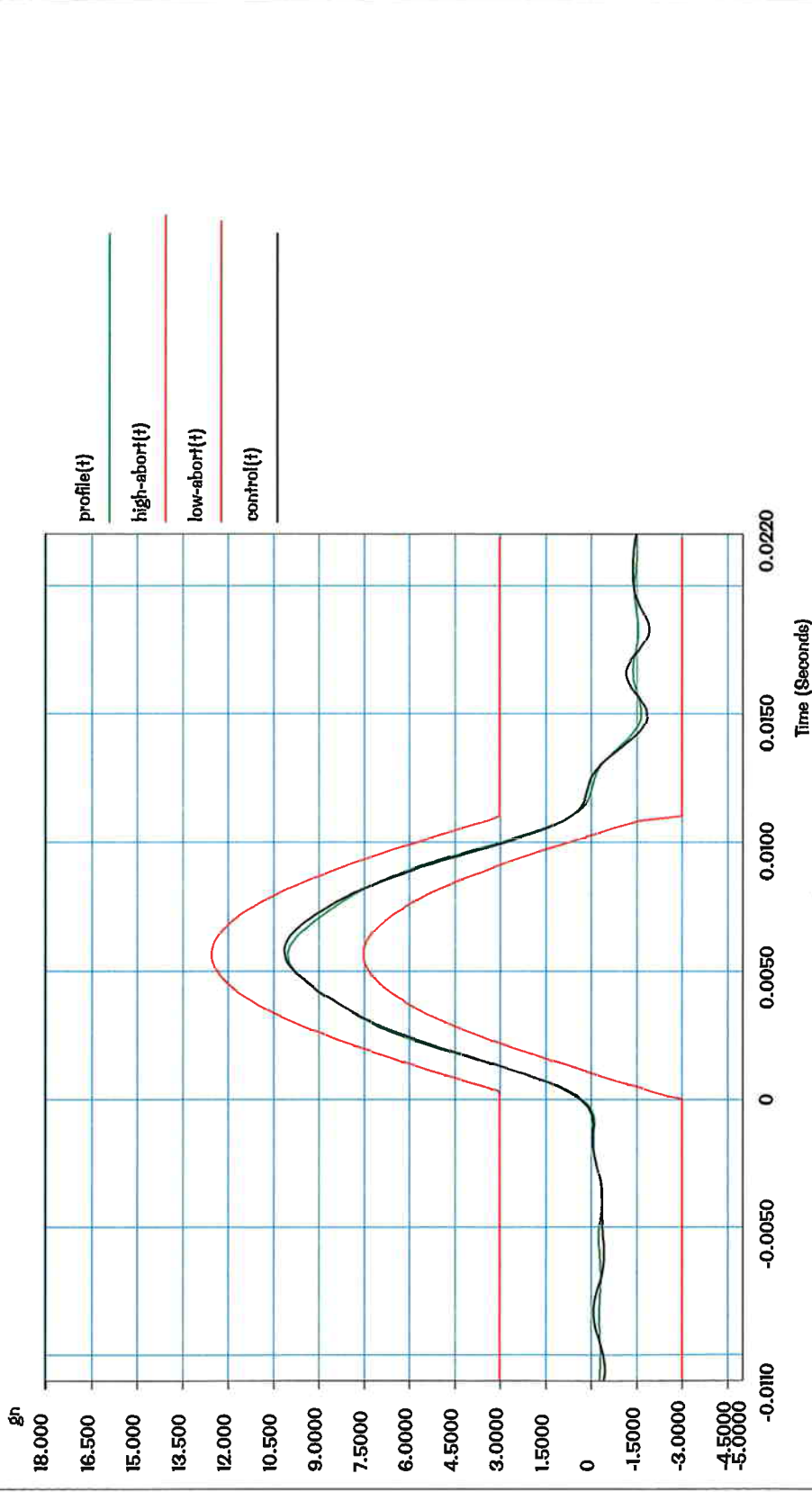
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms

Data saved at 11:38:55 AM, Wednesday, October 13, 2004 Report created at 11:38:55 AM, Wednesday, October 13, 2004

Axis y

Project File Name: 研揚 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 13, 2004 11-23-40



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 10.112731 gn Control RMS: 0.995904 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 gn Demand RMS: 0.984185 gn Remaining Pulses: 0

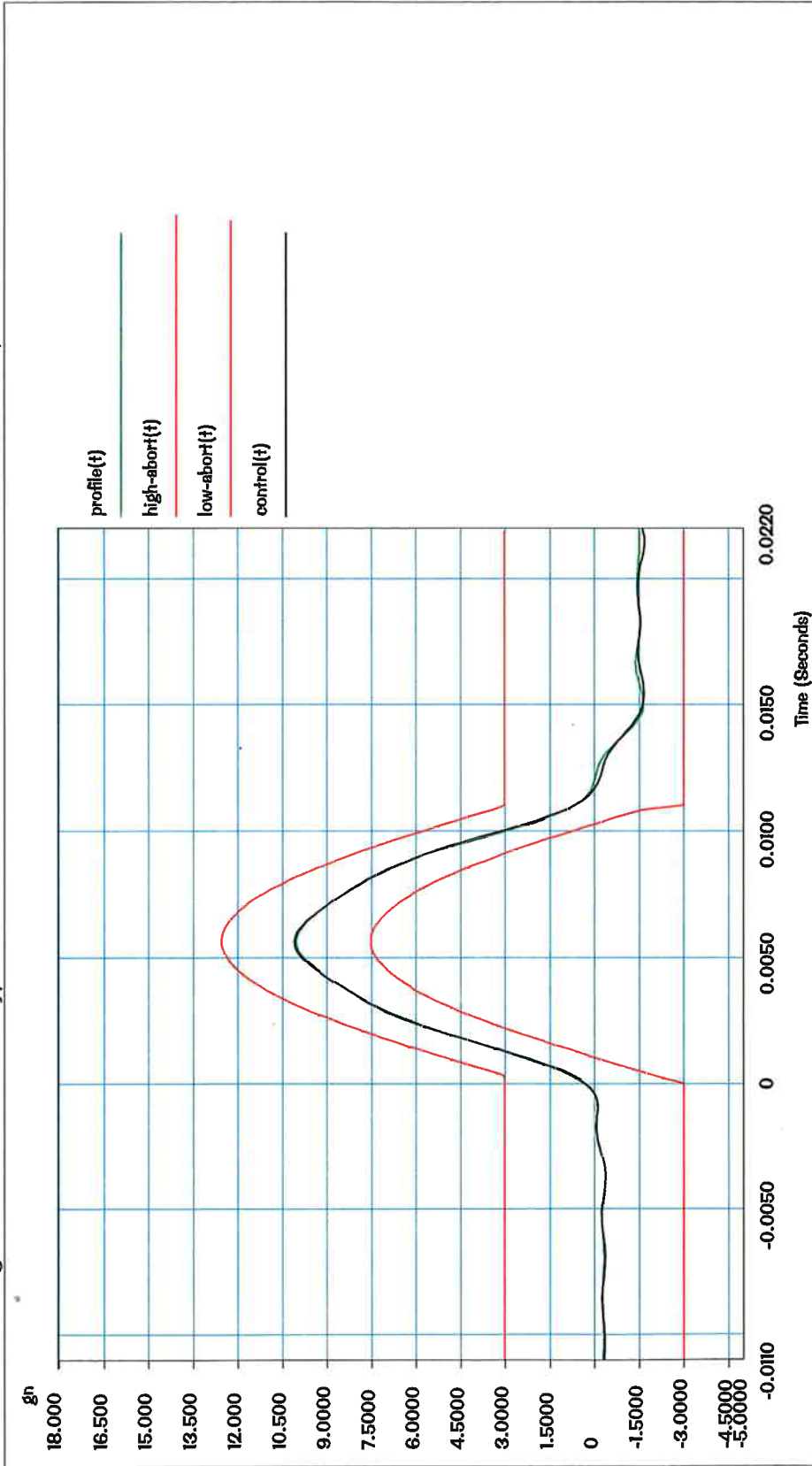
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms

Data saved at 11:24:01 AM, Wednesday, October 13, 2004 Report created at 11:24:02 AM, Wednesday, October 13, 2004

Axis -y

Project File Name: 研揚 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 13, 2004 11-26-39

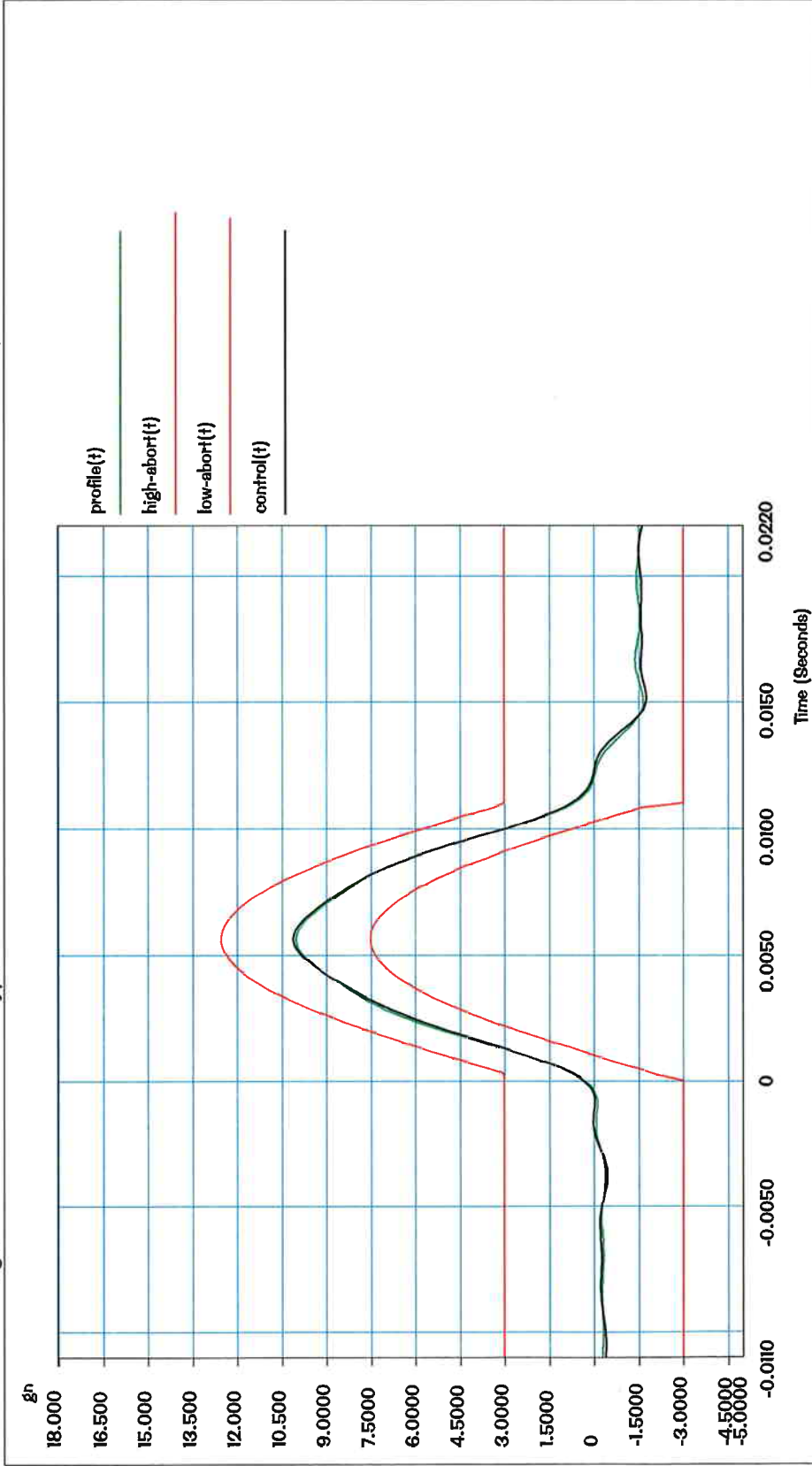


Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 10.068680 gn Control RMS: 0.992798 gn Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 10.000000 gn Demand RMS: 0.984185 gn Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms
Data saved at 11:27:00 AM, Wednesday, October 13, 2004 Report created at 11:27:00 AM, Wednesday, October 13, 2004

Axis Z

Project File Name: 研場 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 13, 2004 11-44-09

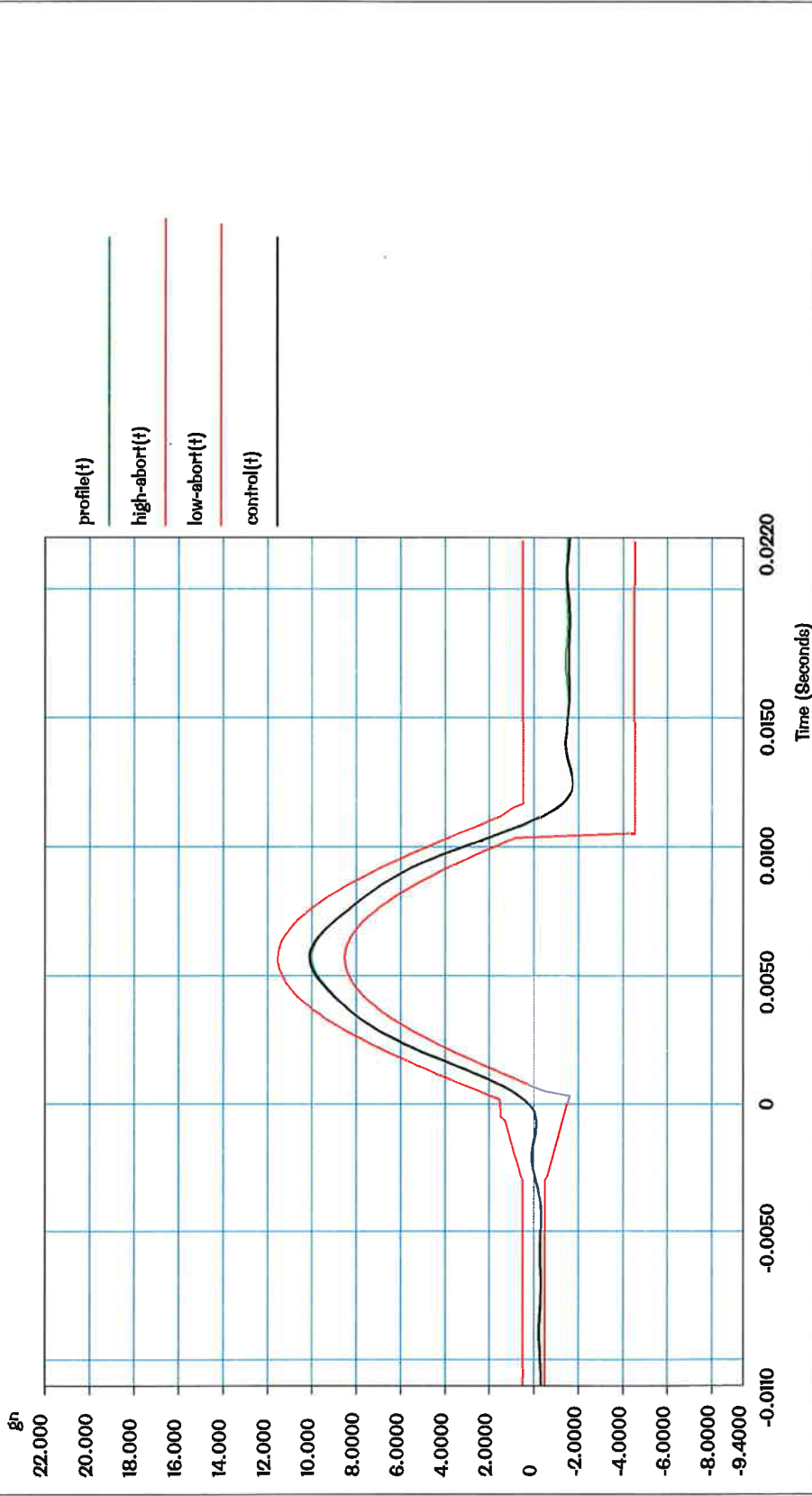


Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 10.093385 gn Control RMS: 0.991893 gn Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 10.000000 gn Demand RMS: 0.984185 gn Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms
Data saved at 11:44:30 AM, Wednesday, October 13, 2004 Report created at 11:44:31 AM, Wednesday, October 13, 2004

Axis -Z

Project File Name: Untitled

Profile Name: 10gn 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Oct 13,2004 11-50-10



Level: 100 % Block Size: 4096 Elapsed Pulses:10
Frame Time: 0.682667 Seconds Control Peak: 10.106266 gn Control RMS: 0.995417 gn Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 10.000000 gn Demand RMS: 0.987085 gn Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms
Data saved at 08:58:13 AM, Friday, October 15, 2004 Report created at 08:58:26 AM, Friday, October 15, 2004