

## TESTING / INSPECTION REPORT

DATE : October 22, 2004  
REPORT NO : ST-041022-1

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SPECIMEN : ARC-635M

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

## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

- |                         |  |
|-------------------------|--|
| 1.Shock Tester          | : KING DESIGN (KD-9363EM-1000F2K-50N120,<br>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-635M |
| Quantity | : 1 piece  |

### SHOCK 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 :

The pass or failed judgment by AAEON engineers.

## TESTING / INSPECTION REPORT

**Testing photos**  
**ARC-635M**  
**AXIS ± X**



**AXIS ± Y**



**AXIS ± Z**



## TESTING / INSPECTION REPORT

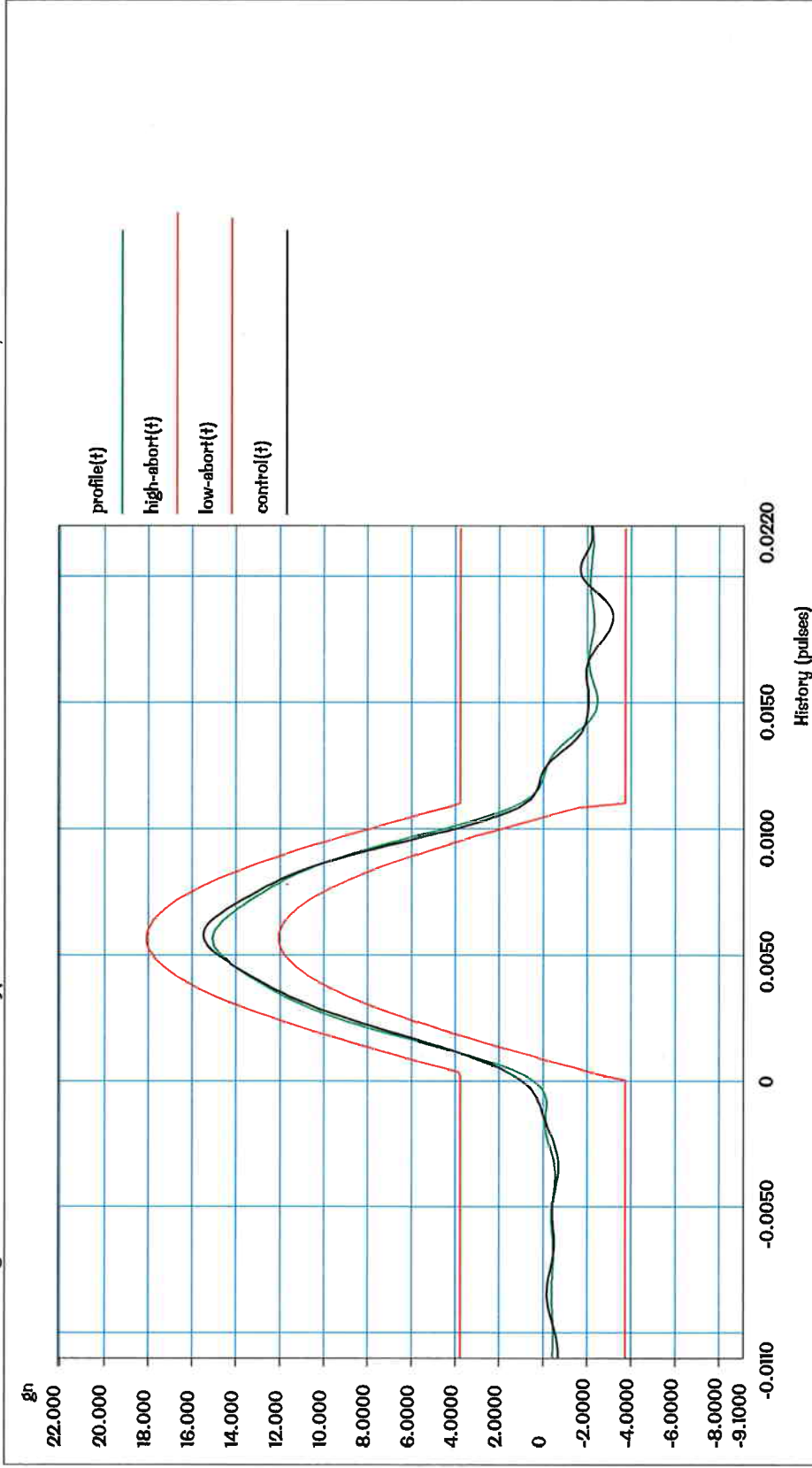
### Testing photos



Axis X

Project File Name: 研場 11ms 10g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 21, 2004 11-05-53

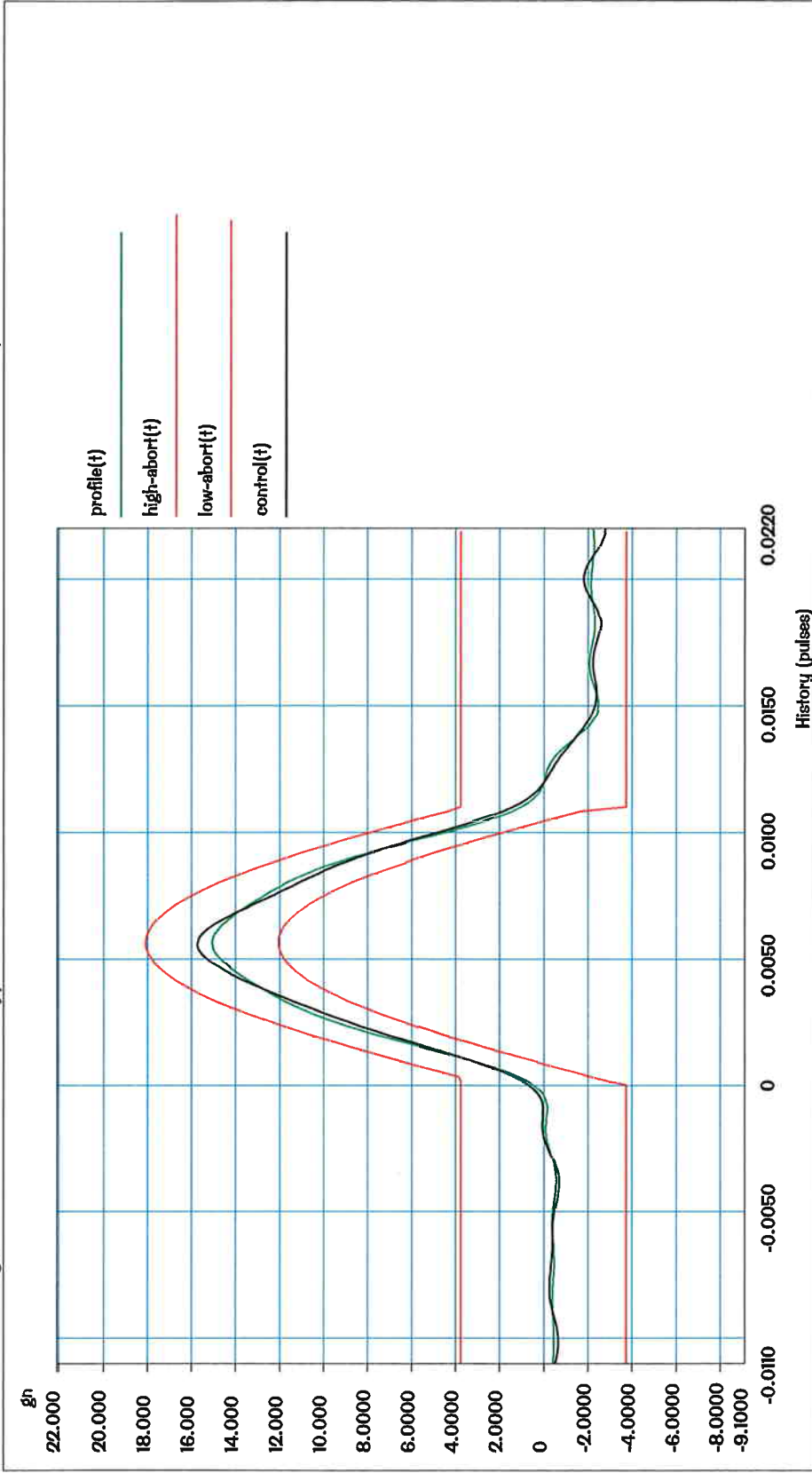


Level: 100 % Block Size: 4096 Elapsed Pulses: 10  
Frame Time: 0.682667 Seconds Control Peak: 15.431037 gn Control RMS: 1.495100 gn Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.476277 gn Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
Data saved at 11:06:27 AM, Thursday, October 21, 2004 Report created at 11:06:28 AM, Thursday, October 21, 2004

Axis -X

Project File Name: 研揚 11ms 10g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 21, 2004 11-16-34

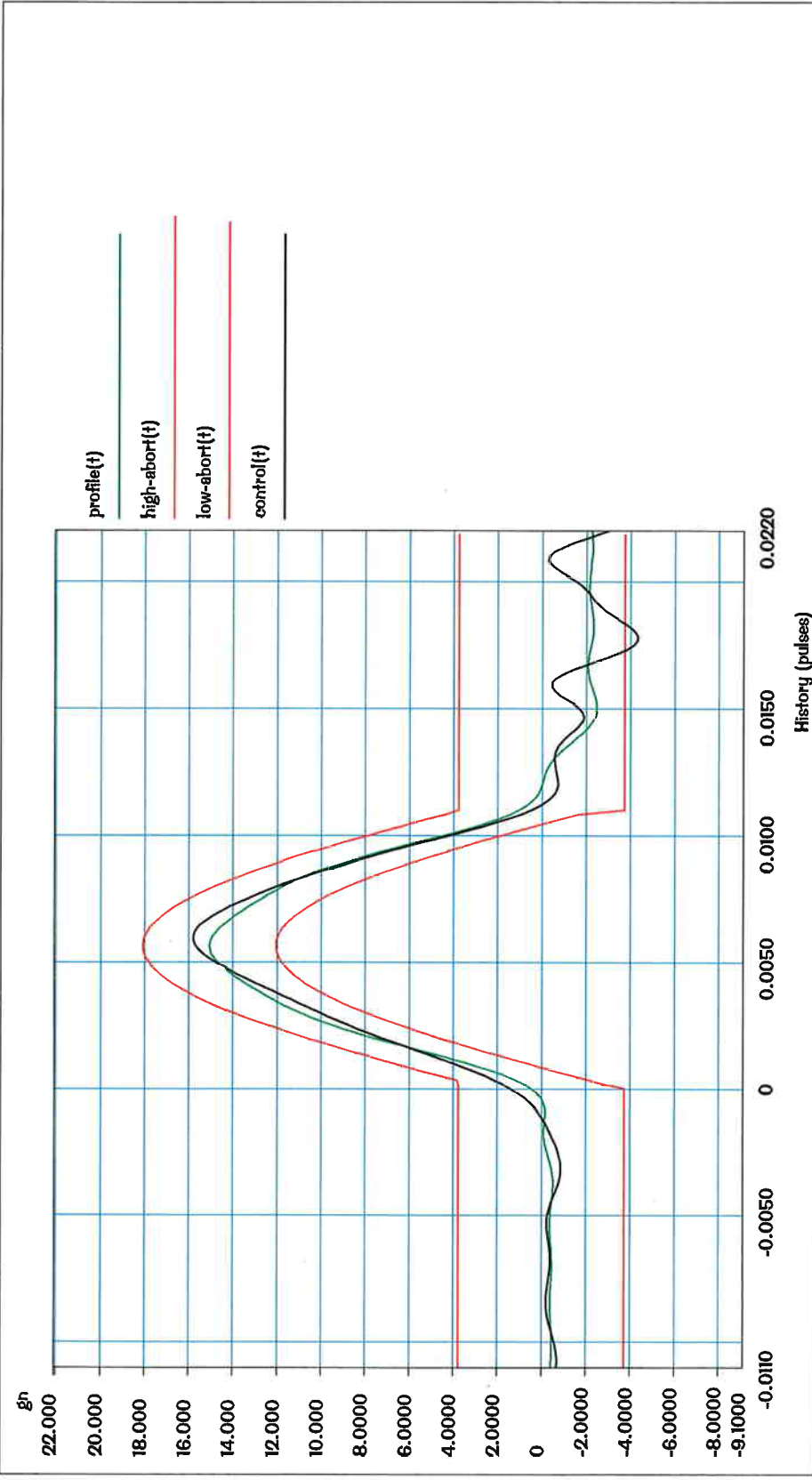


Level: 100 % Block Size: 4096 Elapsed Pulses: 10  
Frame Time: 0.682667 Seconds Control Peak: 15.672594 gn Control RMS: 1.491432 gn Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.476277 gn Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
Data saved at 11:17:43 AM, Thursday, October 21, 2004 Report created at 11:17:44 AM, Thursday, October 21, 2004

Axis Y

Project File Name: 研揚 11ms 10g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 21, 2004 10-50-38

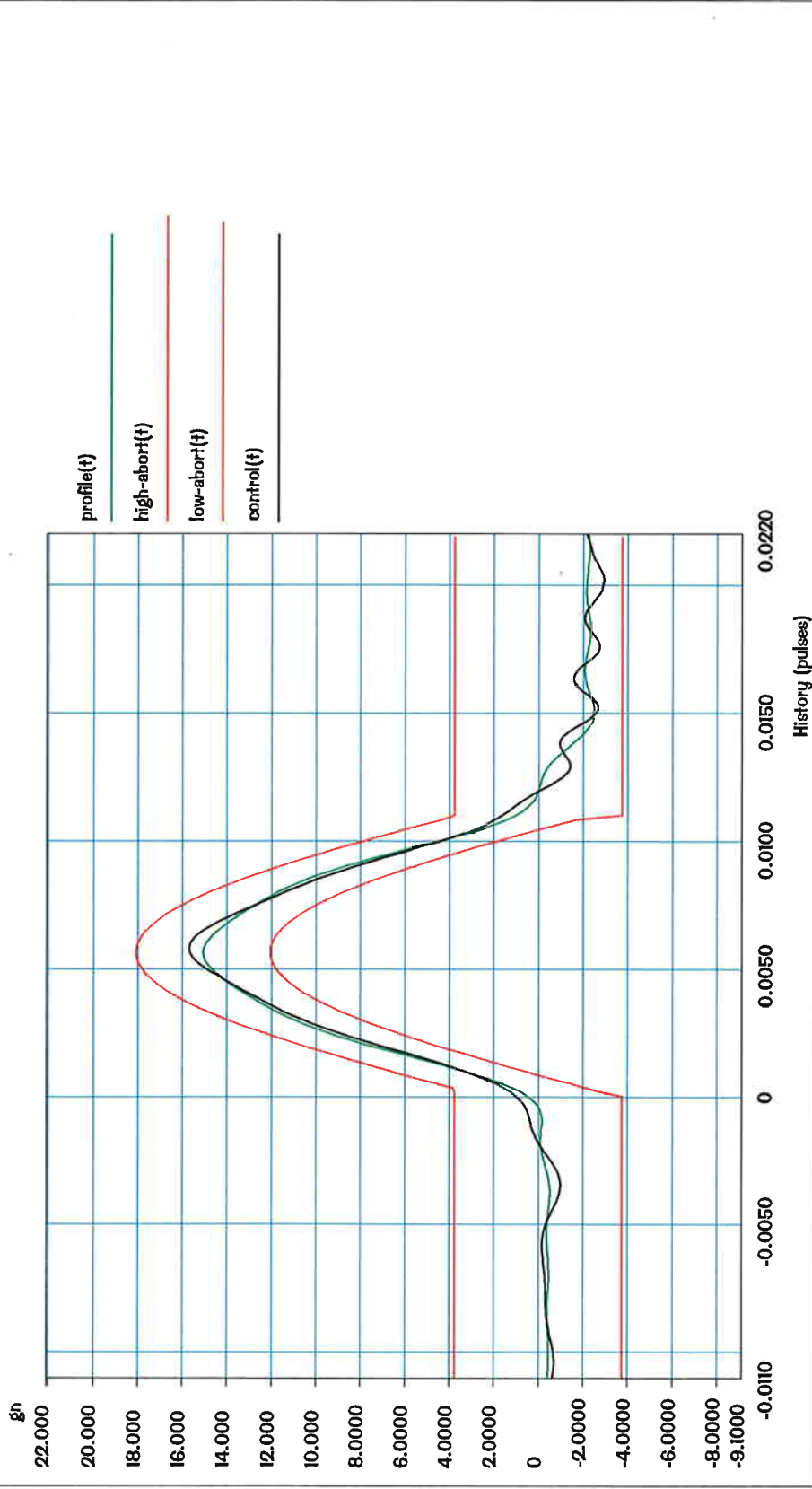


Level: 100 % Block Size: 4096 Elapsed Pulses: 10 Full Level Elapsed Pulses: 3  
Frame Time: 0.682667 Seconds Control Peak: 15.736785 gn Control RMS: 1.506950 gn  
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.476277 gn Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
Data saved at 10:50:56 AM, Thursday, October 21, 2004 Report created at 10:50:57 AM, Thursday, October 21, 2004

Axis -Y

Project File Name: 研揚 11ms 10g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 21, 2004 10-57-13



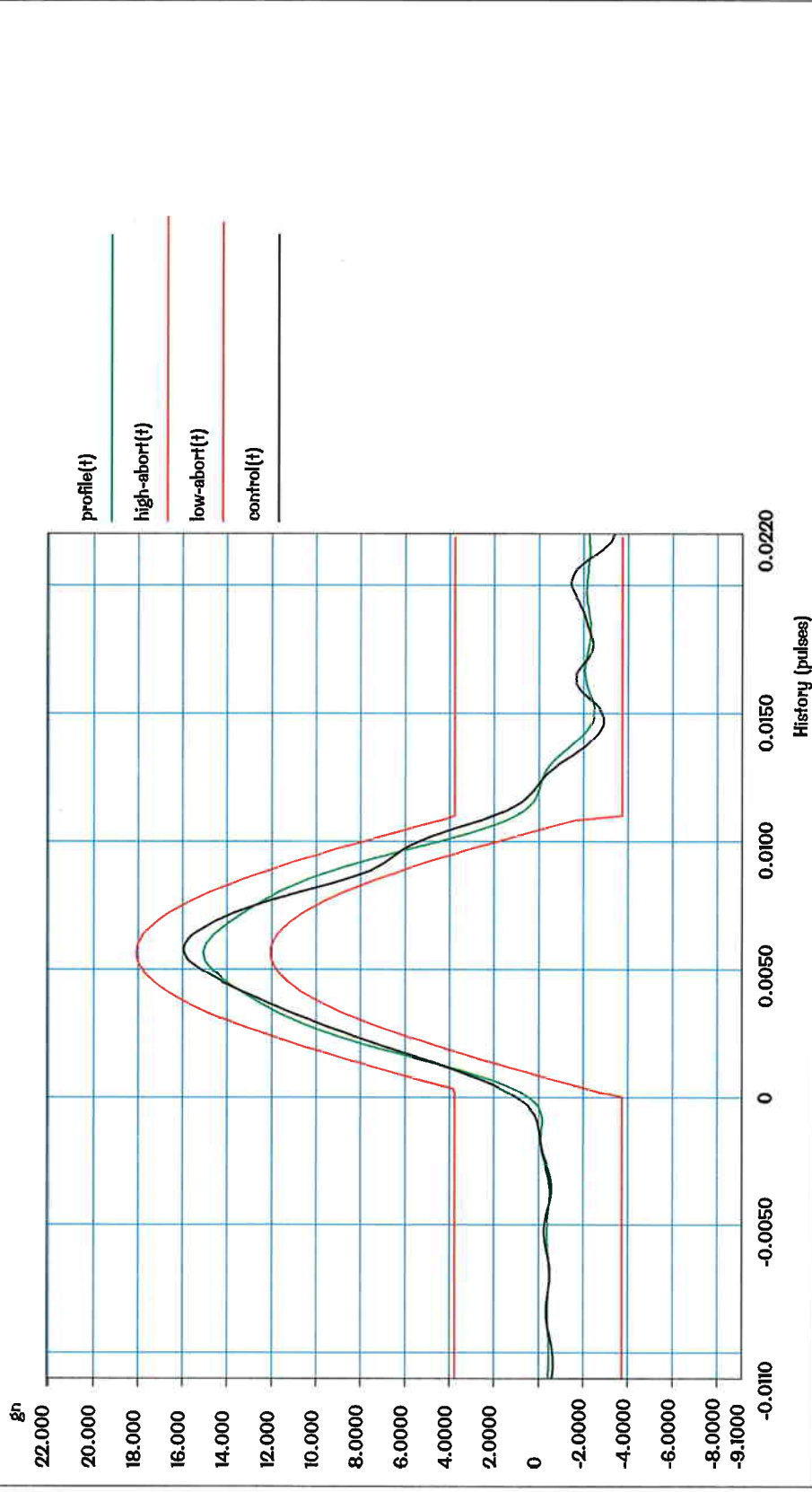
Level: 100 % Block Size: 4096 Elapsed Pulses: 10 Full Level Elapsed Pulses: 3  
Frame Time: 0.682667 Seconds Control Peak: 15.634387 gn Control RMS: 1.491614 gn  
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.476277 gn Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
Data saved at 10:57:30 AM, Thursday, October 21, 2004 Report created at 10:57:31 AM, Thursday, October 21, 2004



Axis Z

Project File Name: 研揚 11ms 10g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 21, 2004 10-28-27

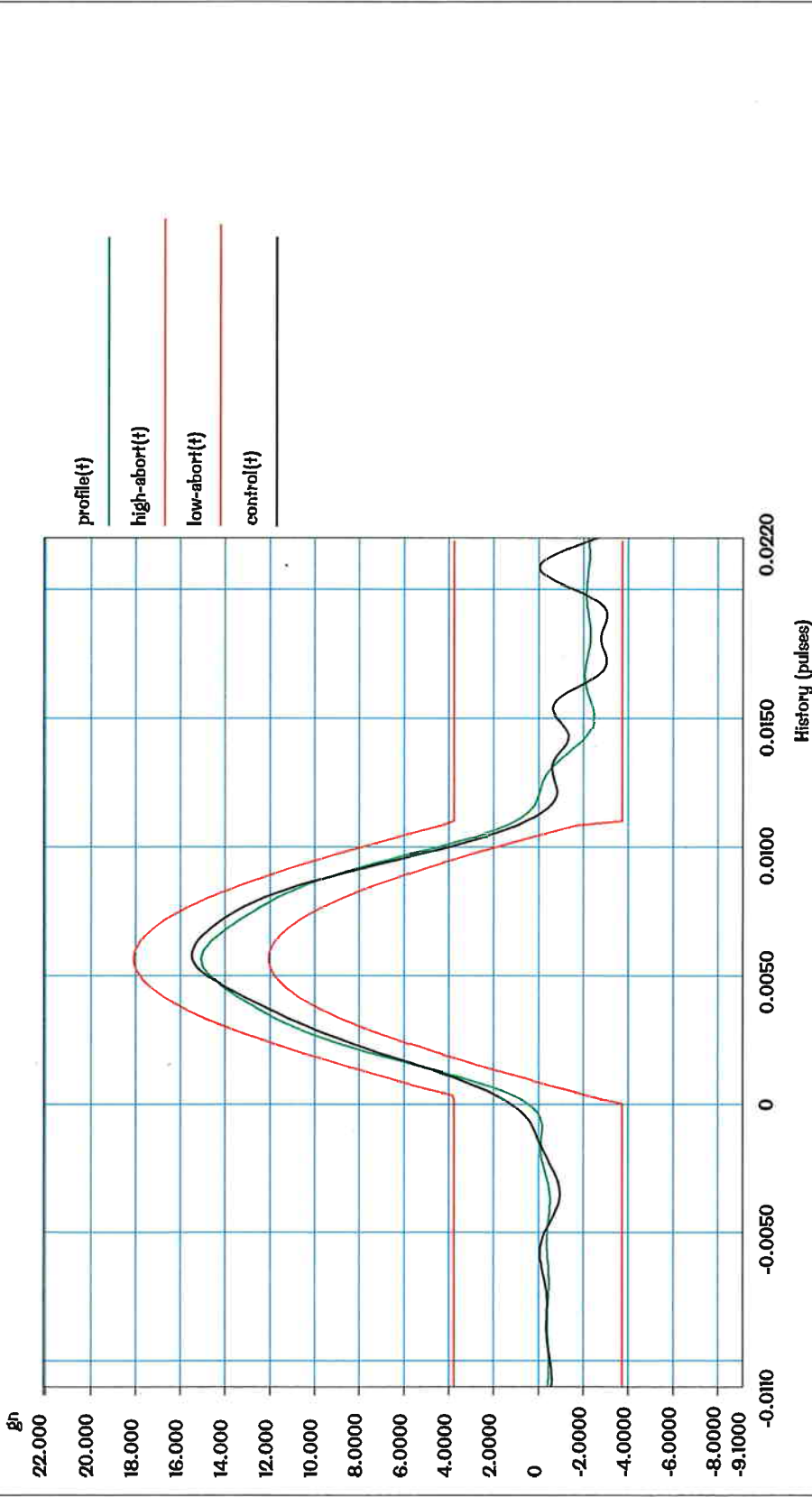


Level: 100 % Block Size: 4096 Elapsed Pulses: 10  
Frame Time: 0.682667 Seconds Control Peak: 15.894034 gn Control RMS: 1.496334 gn Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.476277 gn Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
Data saved at 10:28:45 AM, Thursday, October 21, 2004 Report created at 10:28:46 AM, Thursday, October 21, 2004

Axis -Z

Project File Name: 研揚 11ms 10g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 21, 2004 10-37-17



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

Frame Time: 0.682667 Seconds Control Peak: 15.421911 gn Control RMS: 1.499596 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.476277 gn Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 10:37:35 AM, Thursday, October 21, 2004 Report created at 10:37:35 AM, Thursday, October 21, 2004