

TESTING / INSPECTION REPORT

DATE : October 15, 2004
REPORT NO : ST-041015-5

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SPECIMEN : ARC-645M

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-645M |
| 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-645M
AXIS ± X



AXIS ± Y

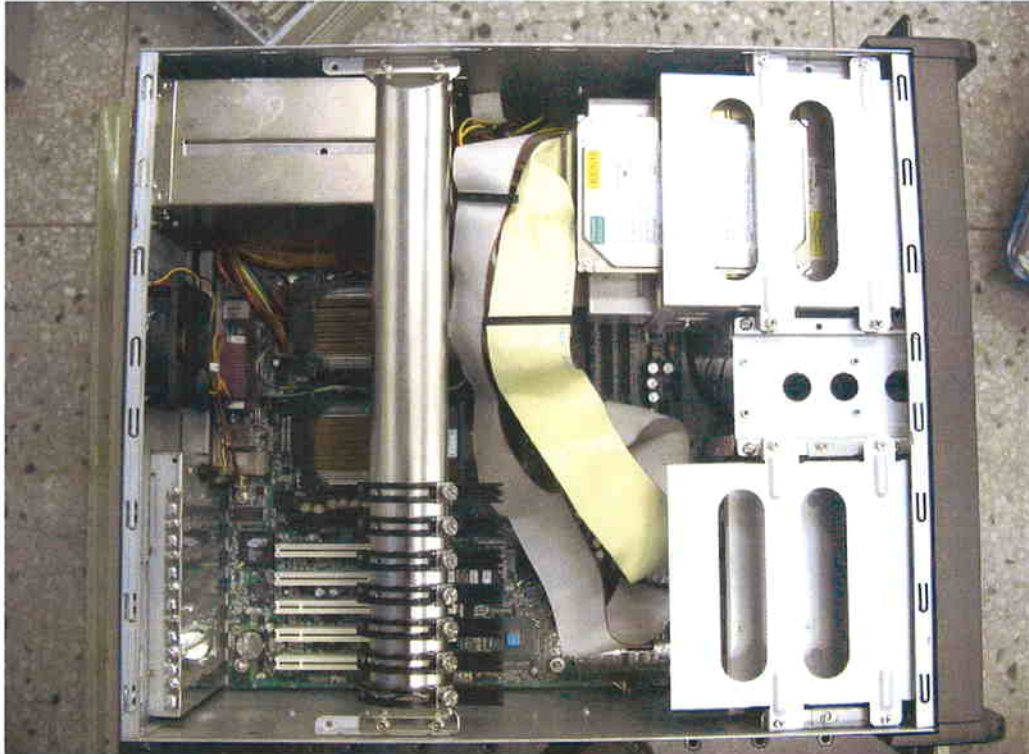


AXIS ± Z



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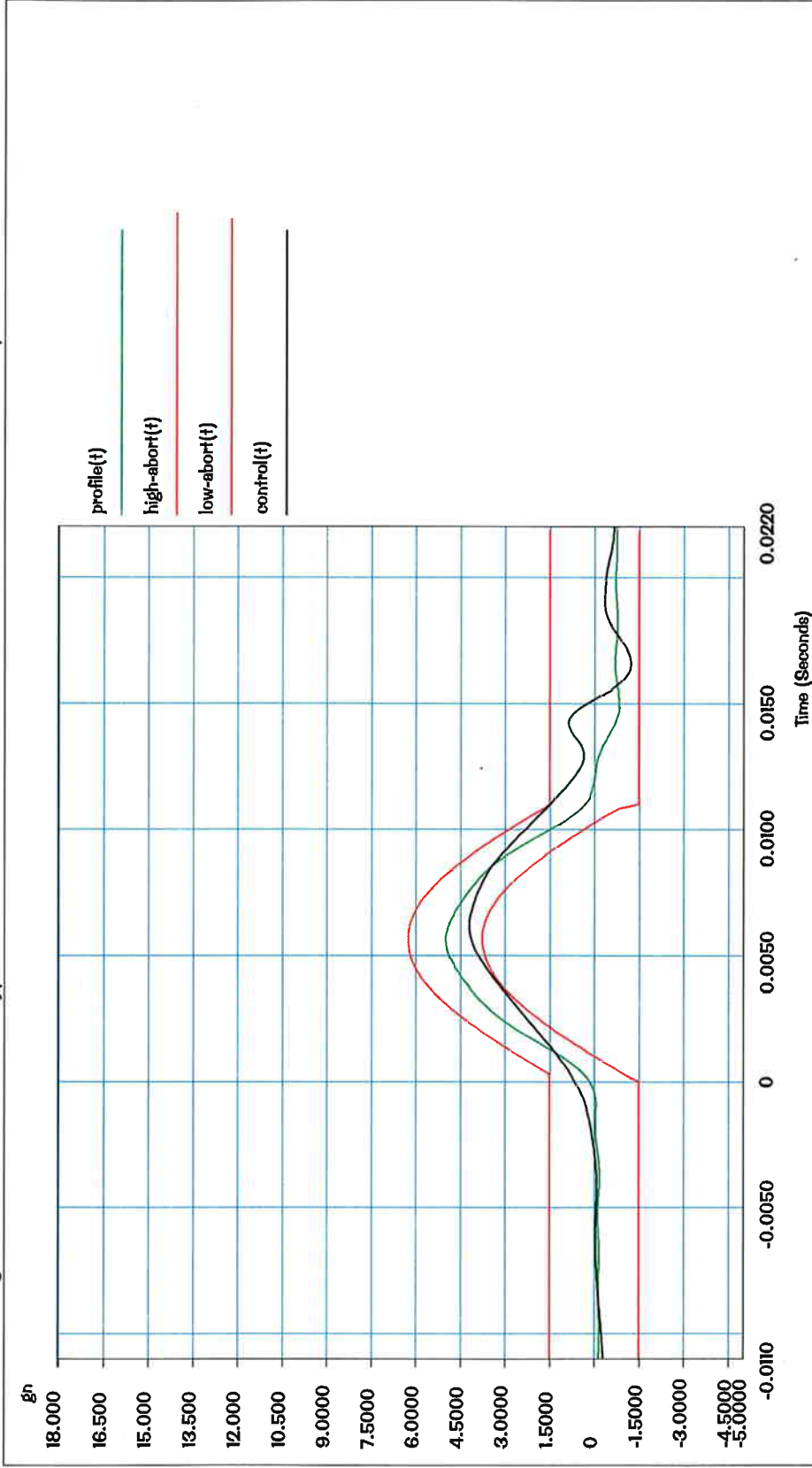
Testing photos



Axis X

Project File Name: 研揚 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 13, 2004 14-56-39

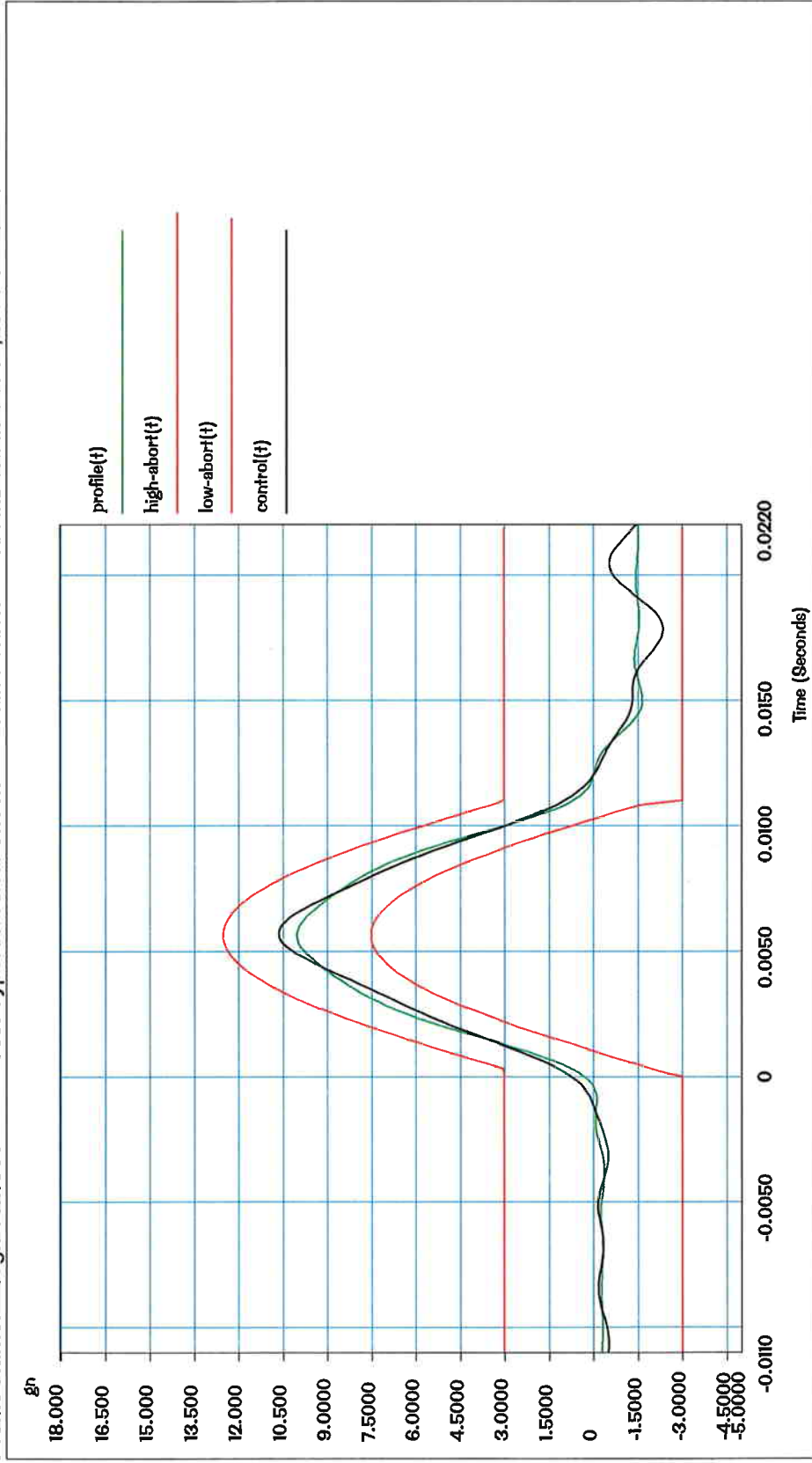


Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 8.384742 gn Control RMS: 0.682754 gn Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 5.000000 gn Demand RMS: 0.492092 gn Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 5.000000 gn Pulse Width: 11.000001 ms
Data saved at 02:57:00 PM, Wednesday, October 13, 2004 Report created at 02:57:01 PM, 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 15-07-04



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

Frame Time: 0.682667 Seconds Control Peak: 10.623871 gn Control RMS: 0.995928 gn Full Level Elapsed Pulses: 3

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

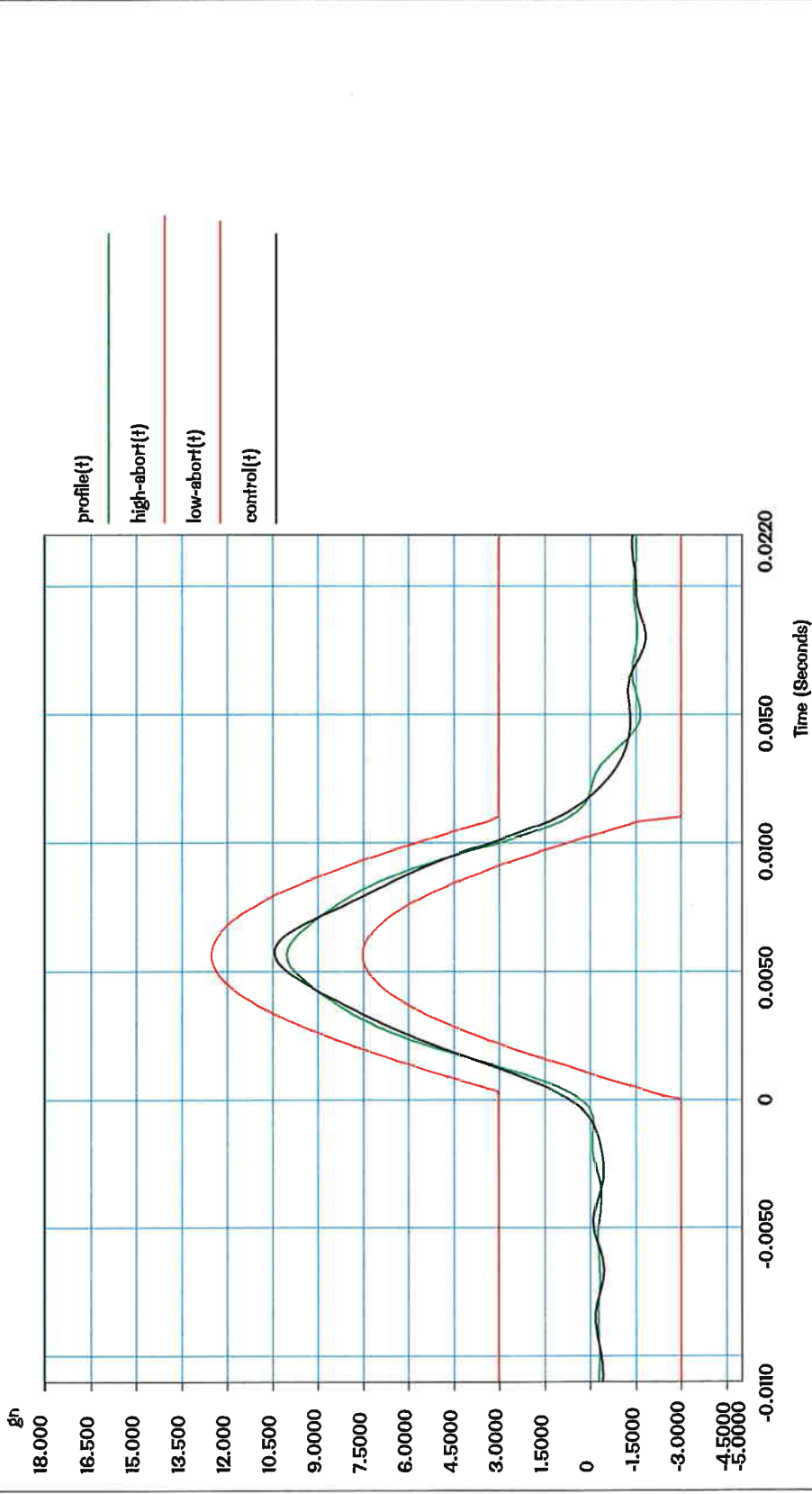
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms

Data saved at 03:07:25 PM, Wednesday, October 13, 2004 Report created at 03:07:26 PM, 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 14:27:51



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

Frame Time: 0.682667 Seconds Control Peak: 10.412413 gn Control RMS: 0.995472 gn Full Level Elapsed Pulses: 3

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

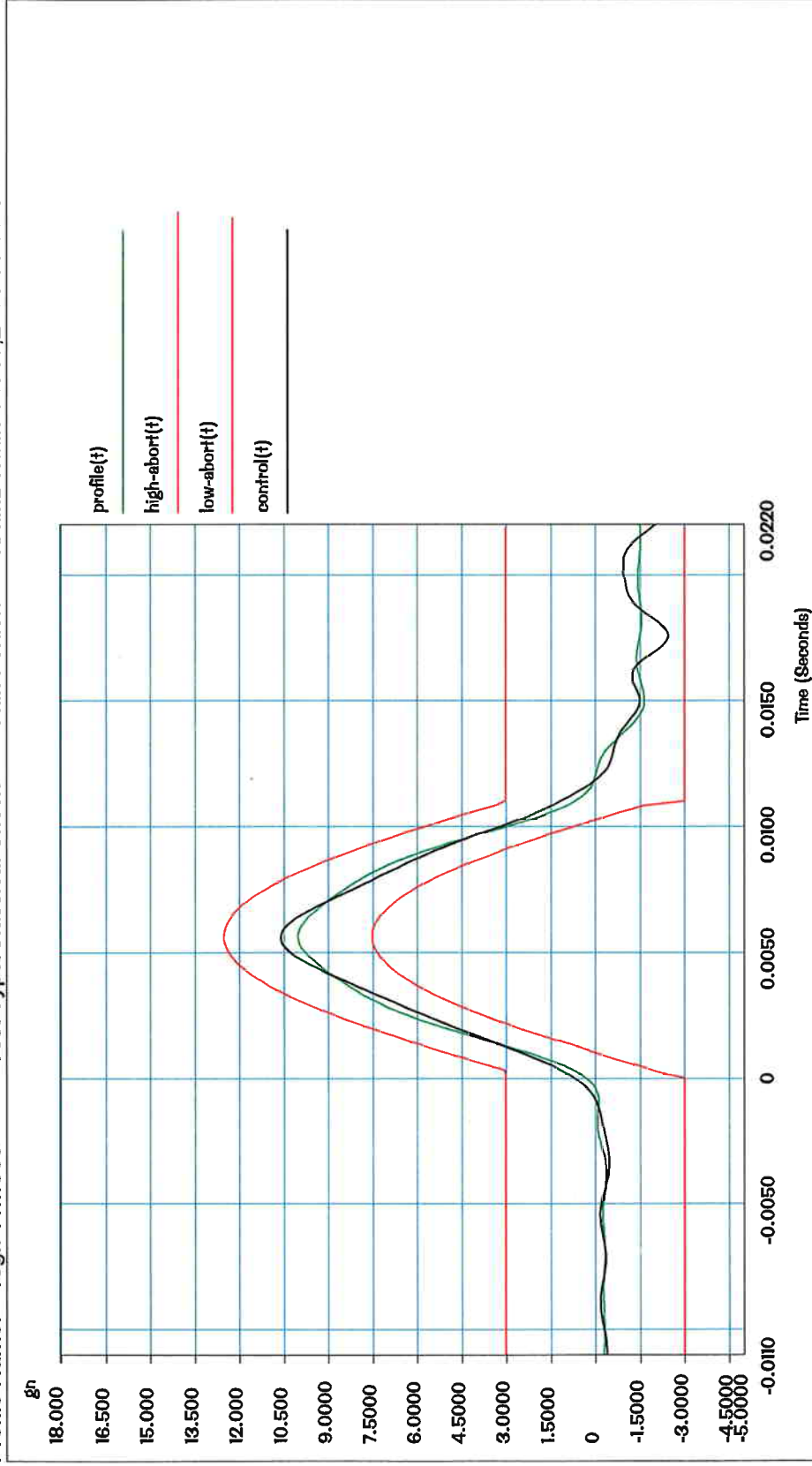
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms

Data saved at 02:28:11 PM, Wednesday, October 13, 2004 Report created at 02:28:12 PM, 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 14-38-49



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

Frame Time: 0.682667 Seconds Control Peak: 10.582847 gn Control RMS: 0.993812 gn Full Level Elapsed Pulses: 3

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

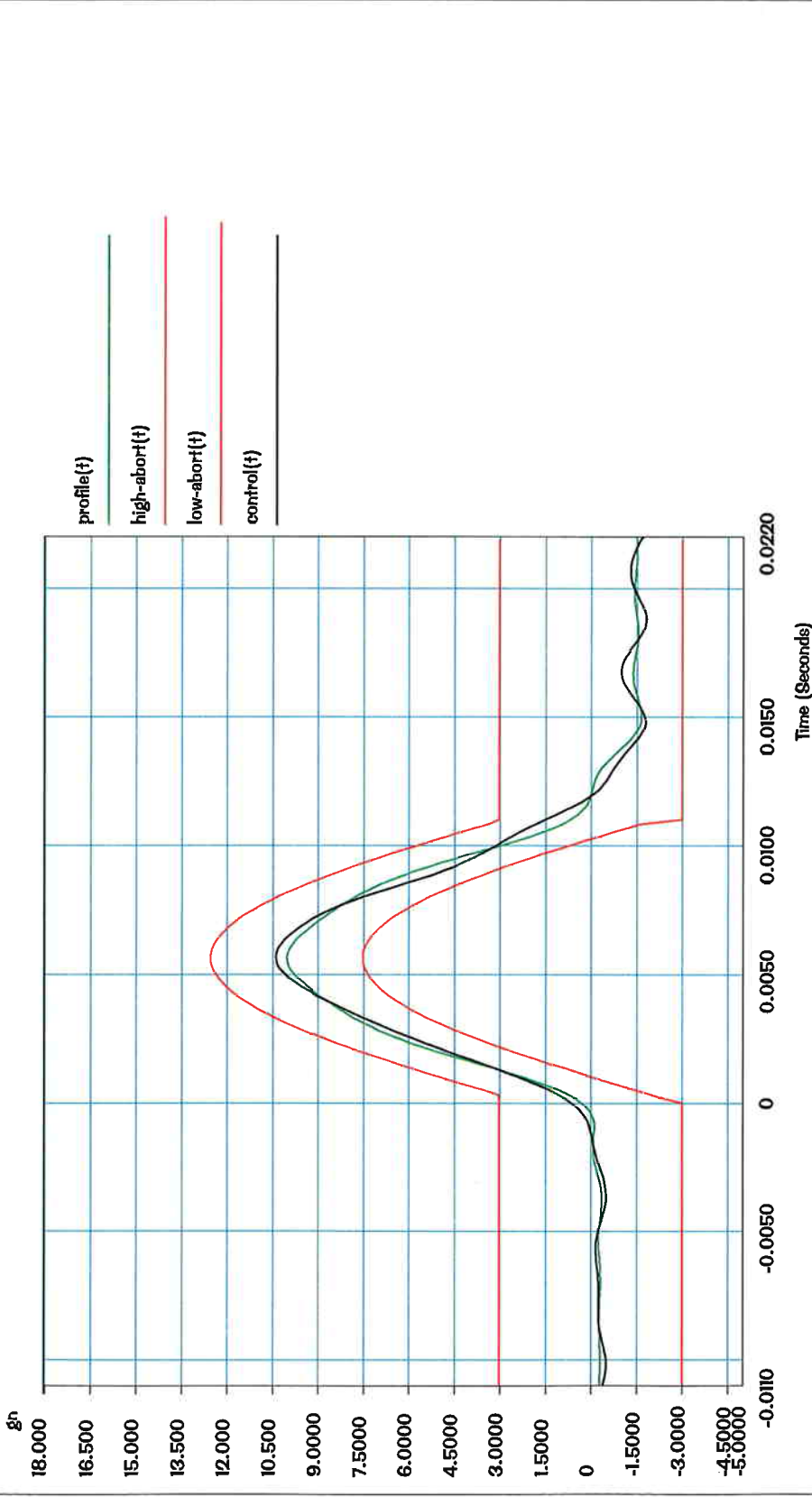
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms

Data saved at 02:39:10 PM, Wednesday, October 13, 2004 Report created at 02:39:11 PM, Wednesday, October 13, 2004

Axis Z

Project File Name: 研揚 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Oct 13,2004 14-17-40



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

Frame Time: 0.682667 Seconds Control Peak: 10.368137 gn Control RMS: 0.993421 gn Full Level Elapsed Pulses: 3

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

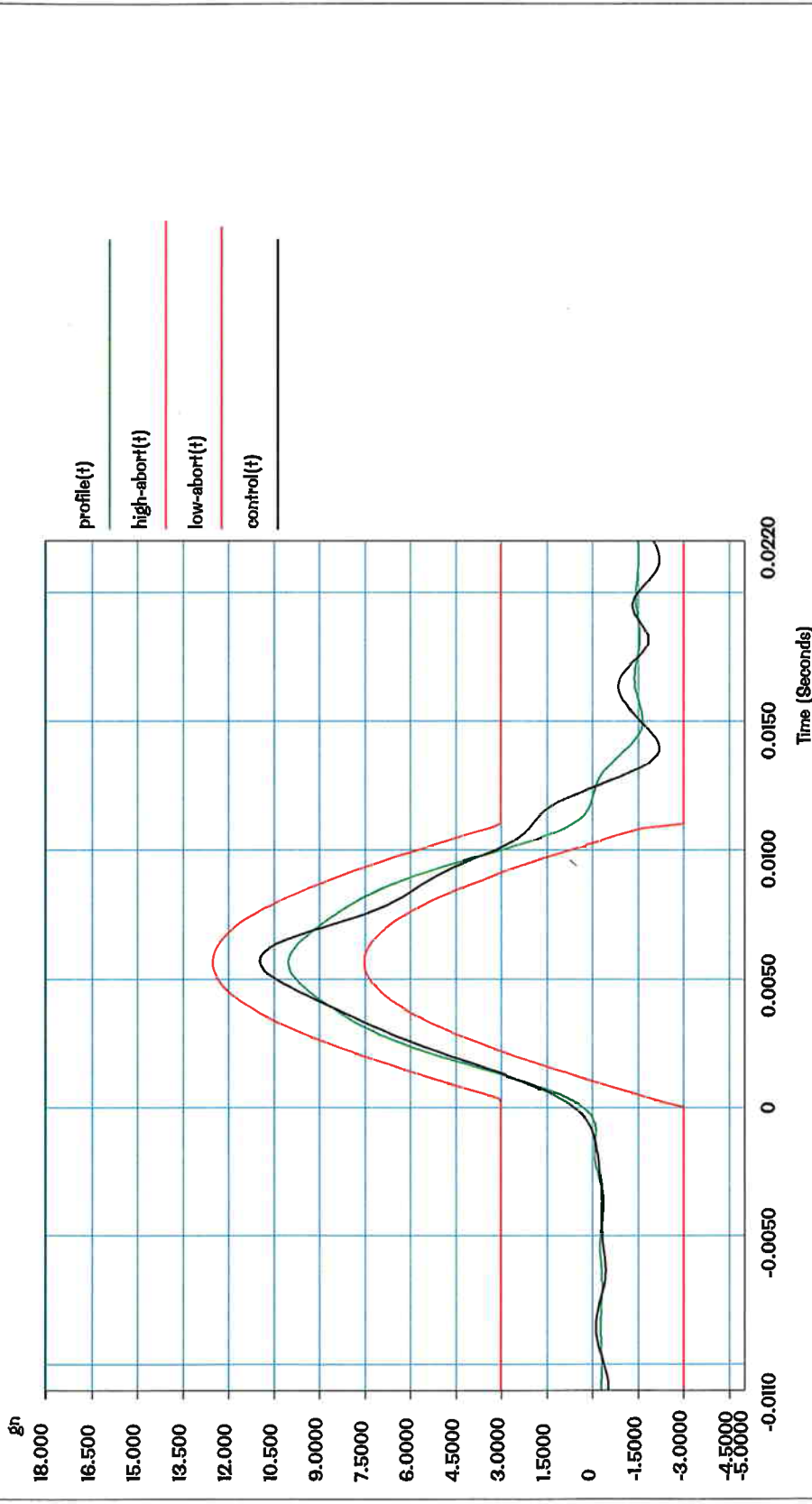
Pulse Type: Half Sine Amplitude: 10.000000 gn Pulse Width: 11.000001 ms

Data saved at 02:18:01 PM, Wednesday, October 13, 2004 Report created at 02:18:02 PM, Wednesday, October 13, 2004

Axis -Z

Project File Name: 研揚 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type:Classical Shock Run Folder: .RunDefault Oct 13,2004 14-21-34



Level: 100 % Block Size: 4096 Elapsed Pulses:10
Frame Time: 0.682667 Seconds Control Peak: 10.959888 gn Control RMS: 0.997363 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 02:21:55 PM, Wednesday, October 13, 2004 Report created at 02:21:55 PM, Wednesday, October 13, 2004