

TESTING / INSPECTION REPORT

DATE : October 12, 2004

REPORT NO : ST-041012-5

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SPECIMEN : ARC-620 (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 :

Ben Huang

Approved by :

2004.10.14

David Lee

Laboratory Head :

Dennis Ting

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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-620 (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.

TESTING / INSPECTION REPORT

Testing photos
ARC-620 (AS-25)
AXIS $\pm X$



AXIS $\pm Y$

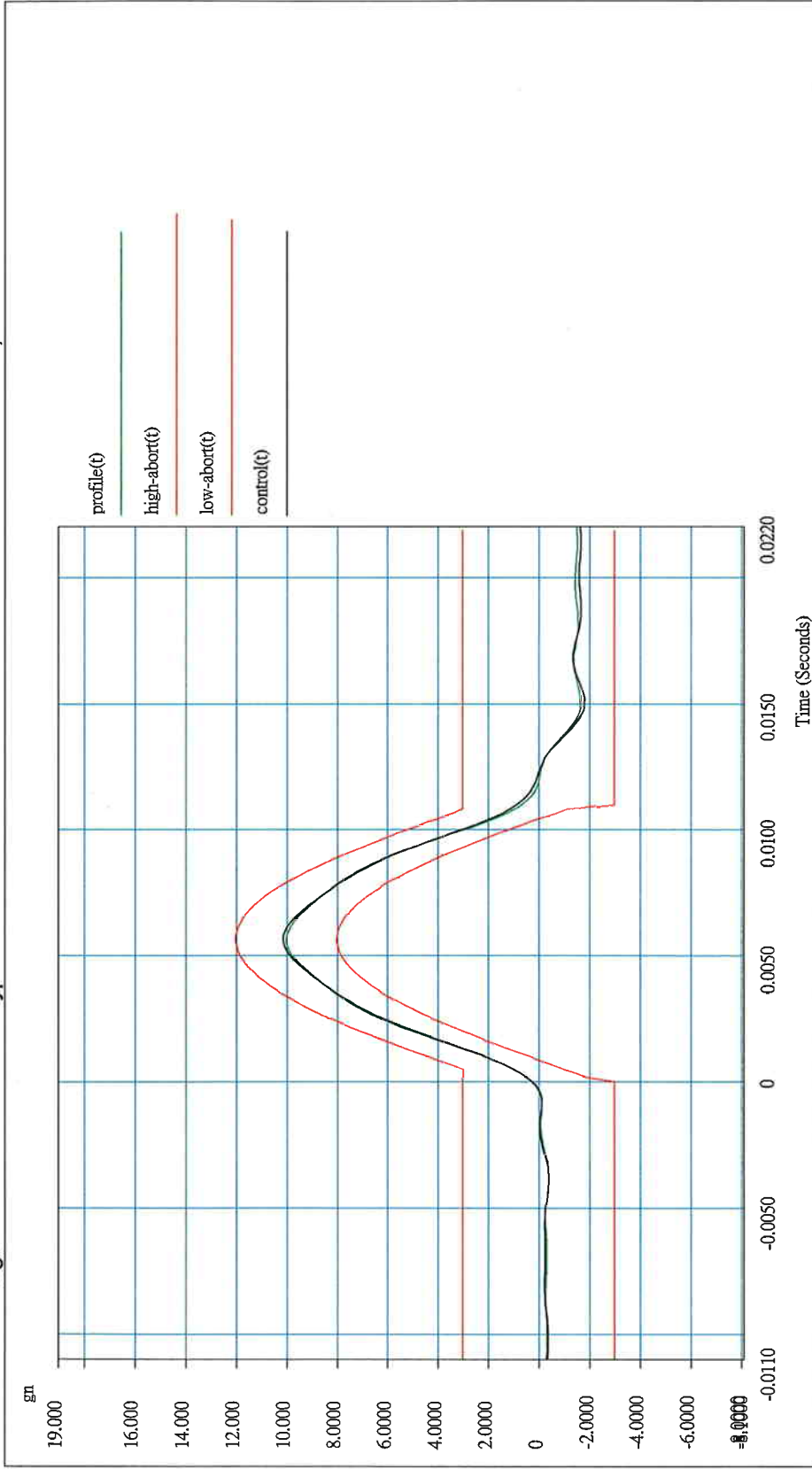


AXIS $\pm Z$



Axis X

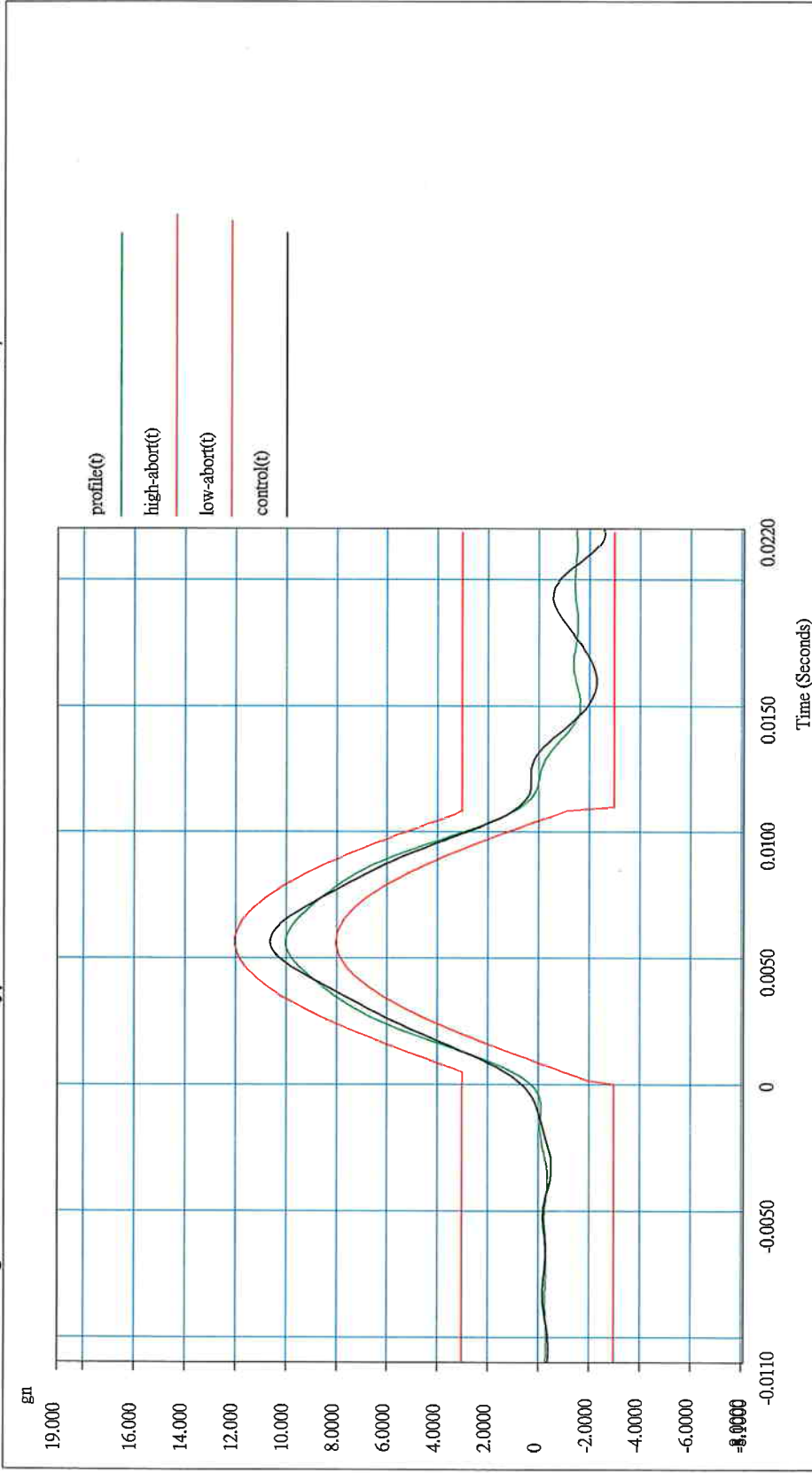
Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 08, 2004 13:49:55



Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 10.124308 gn Control RMS: 0.993074 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 01:50:18 PM, Friday, October 08, 2004 Report created at 01:50:19 PM, Friday, October 8, 2004

Axis -X

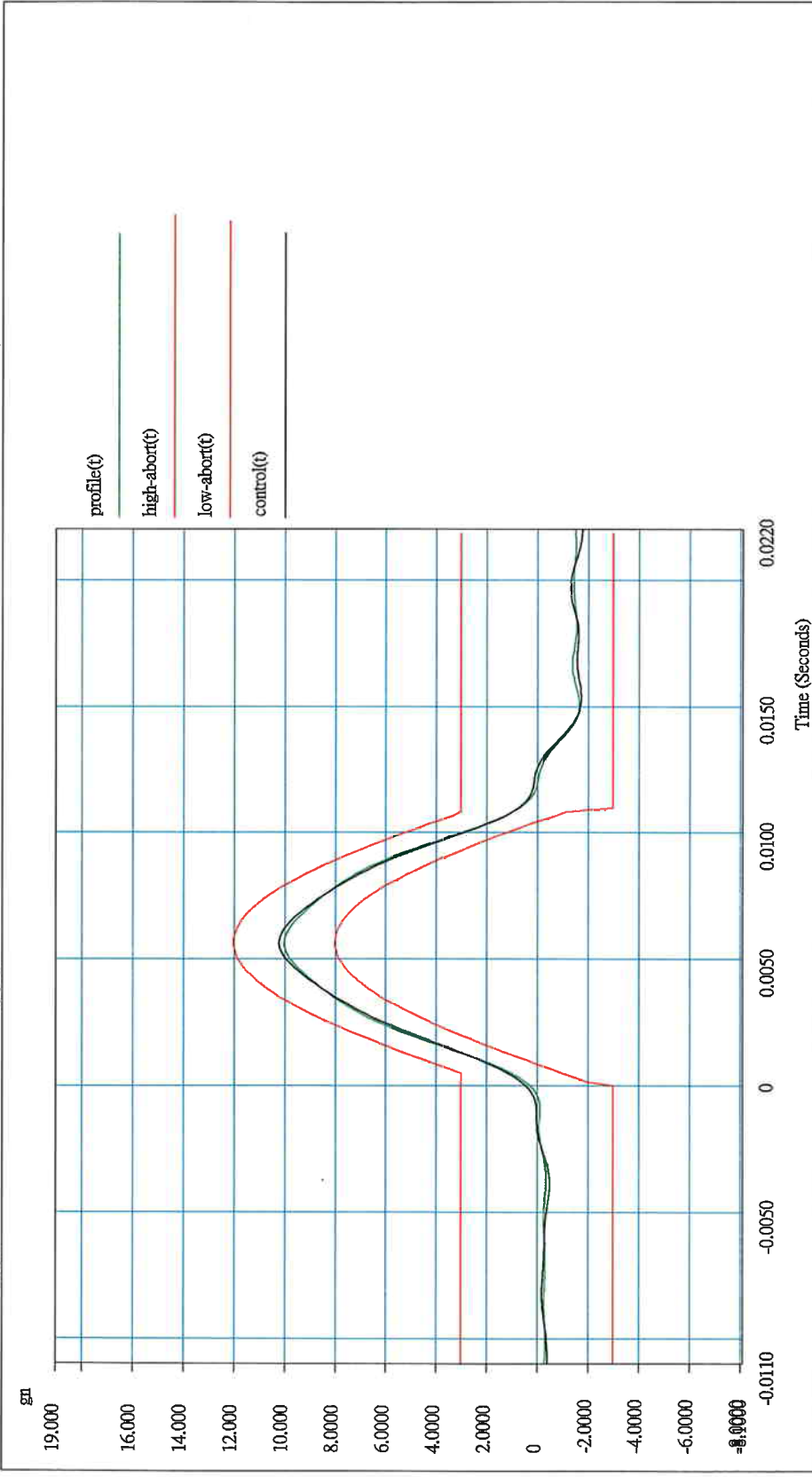
Profile Name: 10gn 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Oct 08,2004 13-54-02



Level: 100 % Block Size: 4096 Elapsed Pulses:10
Frame Time: 0.682667 Seconds Control Peak: 10.643849 gn Control RMS: 0.999919 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 01:54:23 PM, Friday, October 08, 2004 Report created at 01:54:23 PM, Friday, October 8, 2004

Axis Y

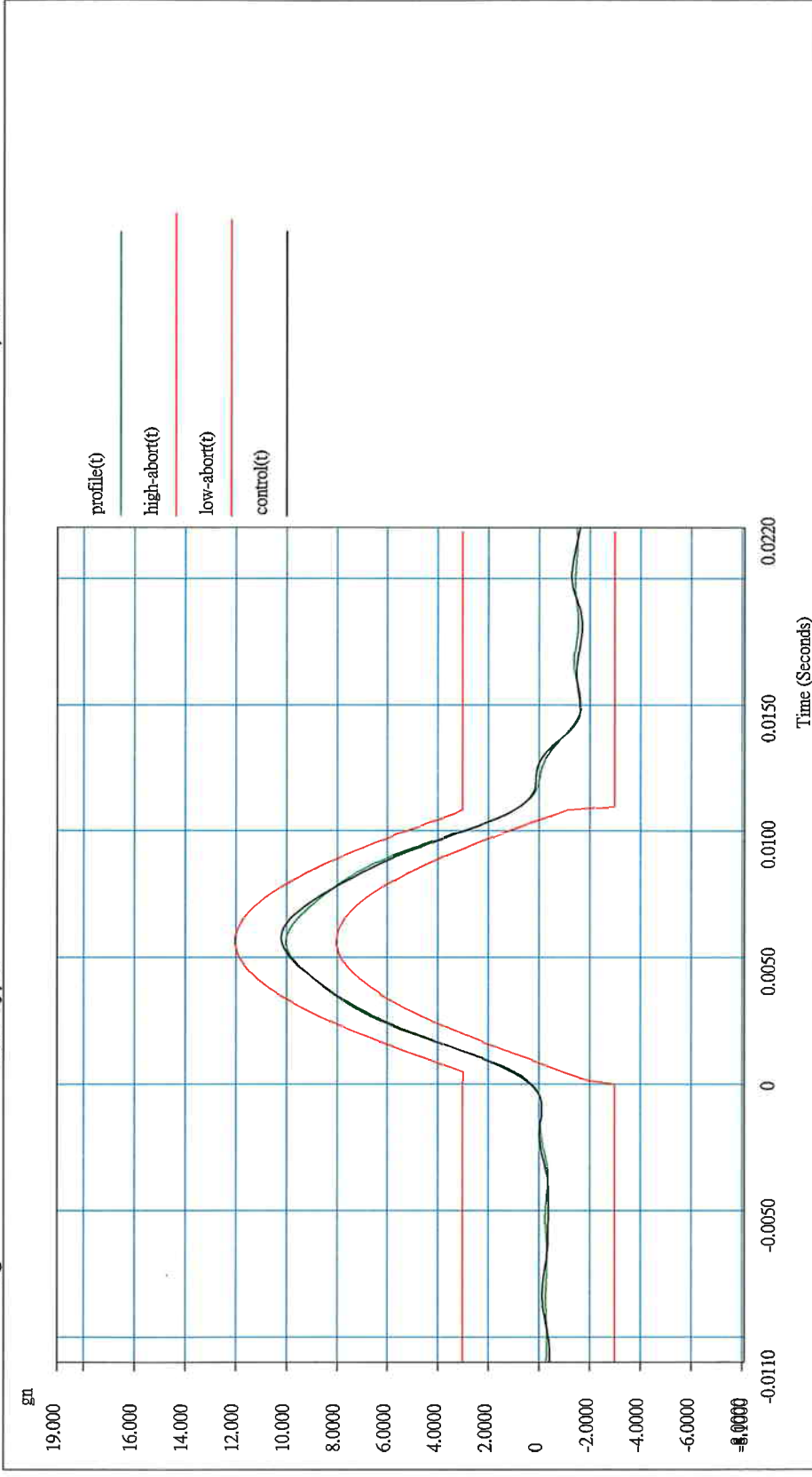
Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Oct 08, 2004 13-44-48



Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 10.206385 gn Control RMS: 0.993217 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 01:45:09 PM, Friday, October 08, 2004 Report created at 01:45:10 PM, Friday, October 8, 2004

Axis -Y

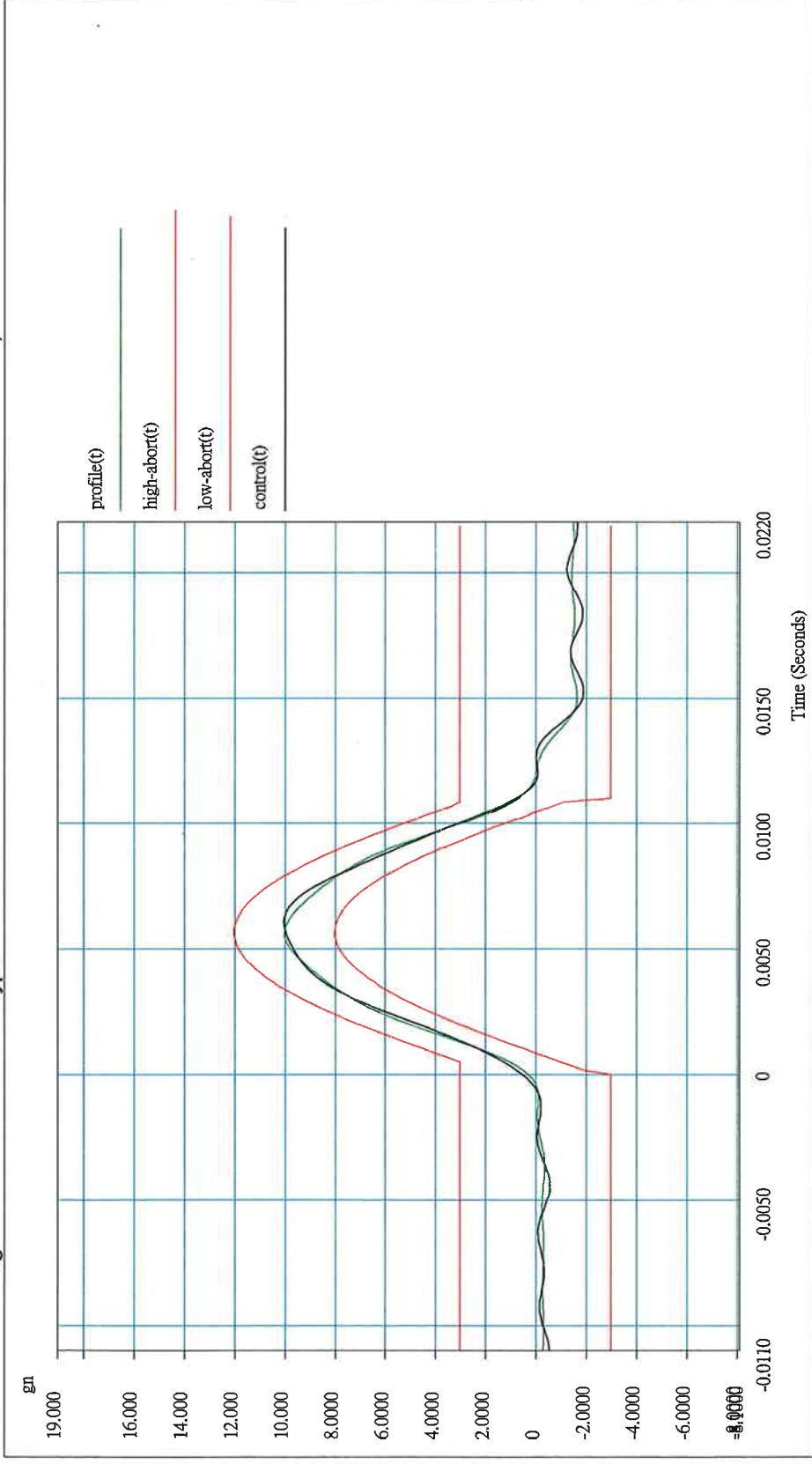
Profile Name: 10gn 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Oct 08,2004 13-47-24



Level: 100 % Block Size: 4096 Elapsed Pulses:10
Frame Time: 0.682667 Seconds Control Peak: 10.178004 gn Control RMS: 0.993642 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 01:47:45 PM, Friday, October 08, 2004 Report created at 01:47:46 PM, Friday, October 8, 2004

Axis Z

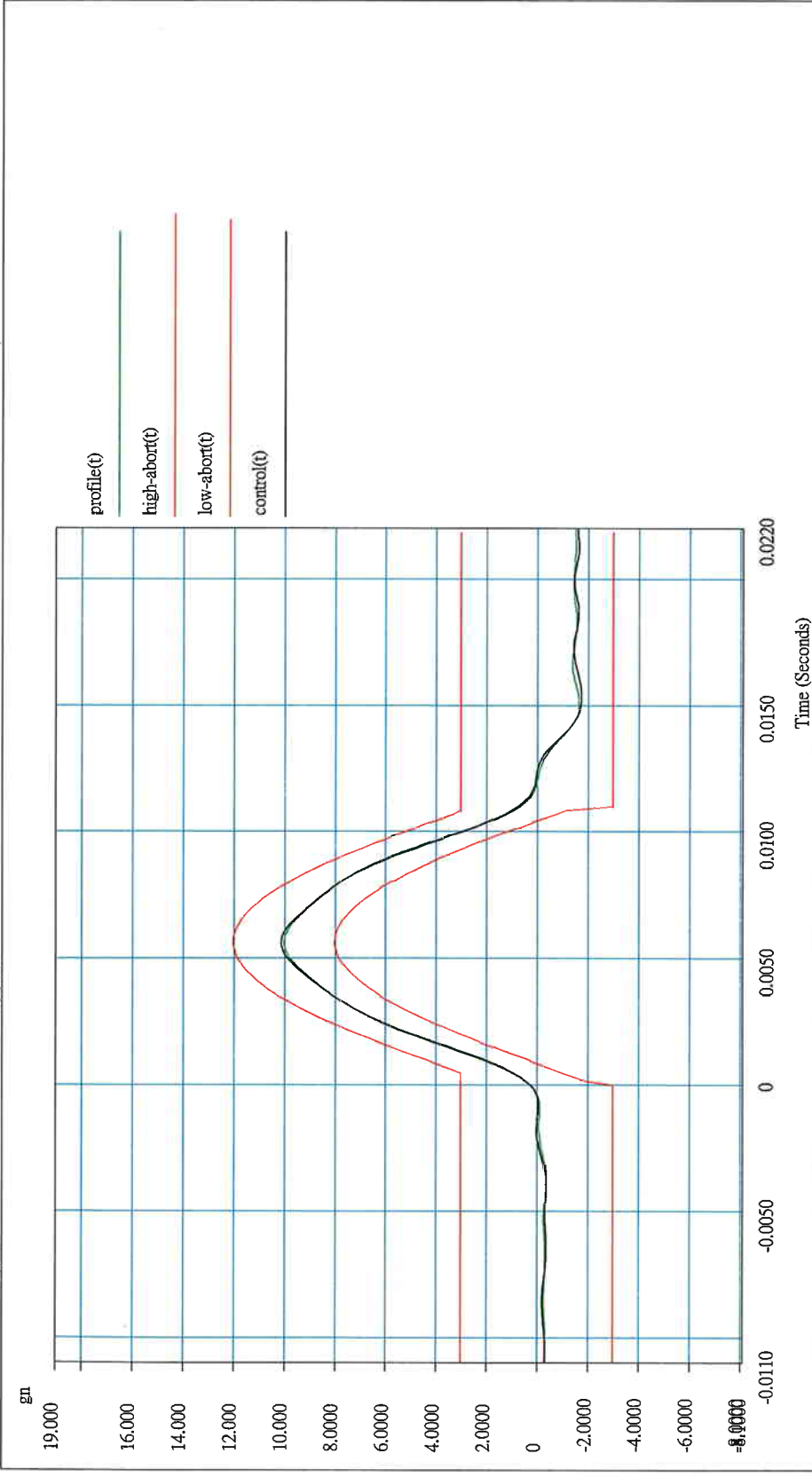
Profile Name: 10gn 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Oct 08,2004 13-38-02



Level: 100 % Block Size: 4096 Elapsed Pulses:10
Frame Time: 0.682667 Seconds Control Peak: 10.021730 gn Control RMS: 0.995544 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 01:38:23 PM, Friday, October 08, 2004 Report created at 01:38:25 PM, Friday, October 8, 2004

Axis -Z

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 08, 2004 13-39-50



Level: 100 % Block Size: 4096 Elapsed Pulses: 10 Full Level Elapsed Pulses: 3
Frame Time: 0.682667 Seconds Control Peak: 10.116509 gn Control RMS: 0.993474 gn Demand RMS: 0.984185 gn Remaining Pulses: 0
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 01:40:10 PM, Friday, October 08, 2004 Report created at 01:40:11 PM, Friday, October 8, 2004