

TESTING / INSPECTION REPORT

REPORT NO : ST-090716-1

COMPANY : AAEON Technology Inc.
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SPECIMEN : DSS-5300
DATE OF RECEIVED : 2009/07/13
DATE OF TESTED : 2009/07/13

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 18 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

Wally peng

Approval Signatory :

2009.7.16. David Lee

Laboratory Head :

Hsin Tai Cheng

- This report is additional testing video CD.



TESTING / INSPECTION REPORT

TEST ENVIRONMENT :

- | | |
|-------------------------|---|
| 1.Vibration Tester | : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054783 |
| 2.Controller | : DACTRON FRONT-End Box, S/N:10941647 |
| 3.Control Accelerometer | : B&K 4399, S/N:2158446 |

TEST ENVIRONMENT :

- | | |
|-------------------|-----------------------|
| Temperature | : 22.3°C (25±10°C) |
| Relative Humidity | : 64.2%RH (60±20% RH) |

SPECIMEN :

- | | |
|----------|------------|
| Model | : DSS-5300 |
| Quantity | : 1 piece |

SHOCK TEST SPECIFICATION :

- | | |
|-----------------|----------------------------------|
| (1)Wave Form | : Half sine wave (Operation) |
| Acceleration | : 10 g |
| Duration Time | : 11 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : ±X, ±Y, ±Z axis |
| (2)Wave Form | : Half sine wave (Non-Operation) |
| Acceleration | : 20 g |
| Duration Time | : 11 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : ±X, ±Y, ±Z axis |

TESTING / INSPECTION REPORT

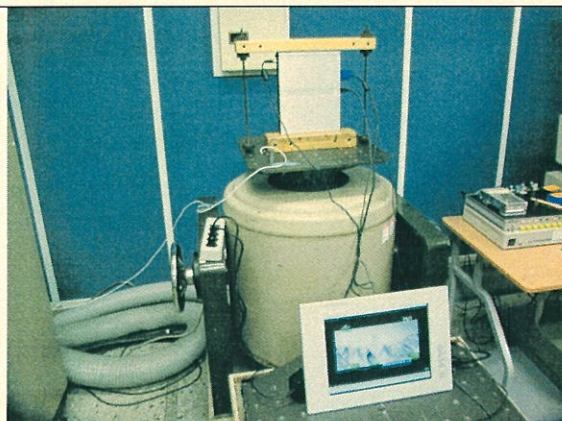
TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment	√	——	——
Appearance check	√	——	——

TESTING / INSPECTION REPORT

Testing photos (Operation)

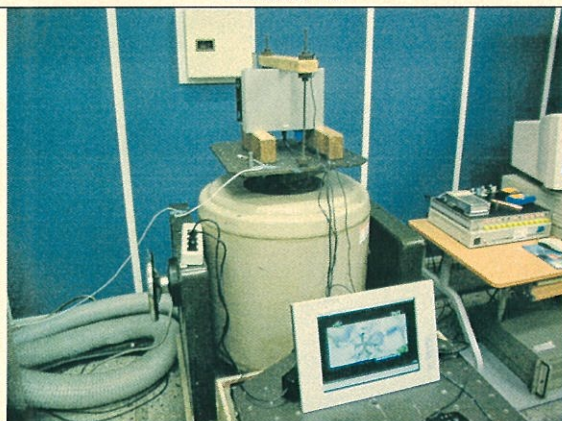
AXIS X



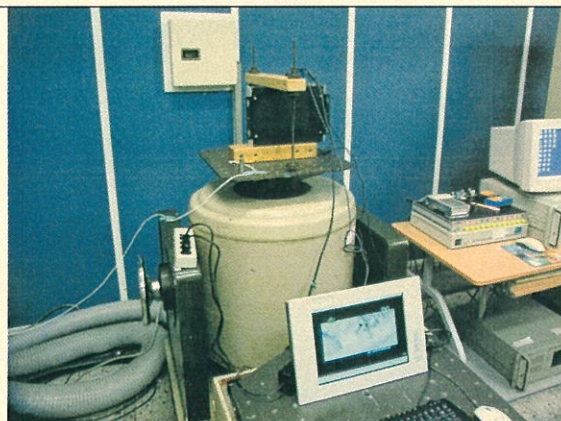
AXIS -X



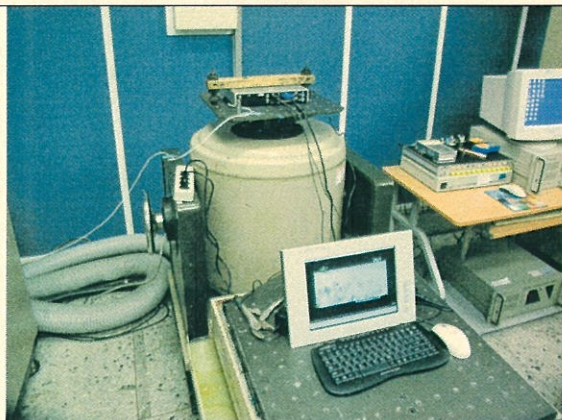
AXIS Y



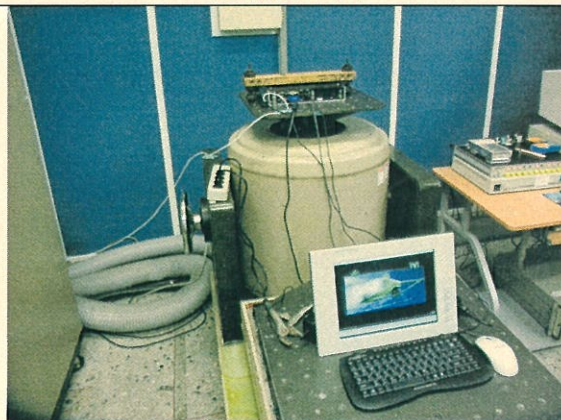
AXIS -Y



AXIS Z



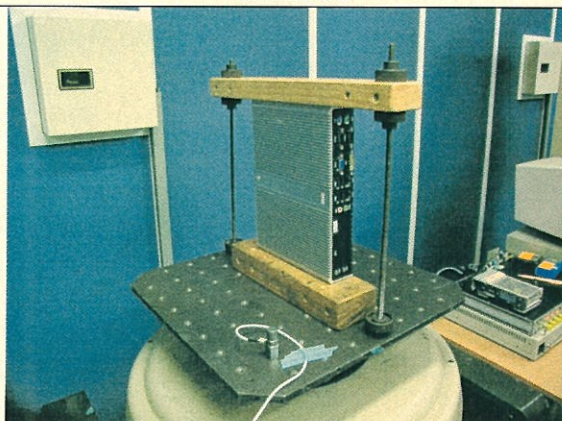
AXIS -Z



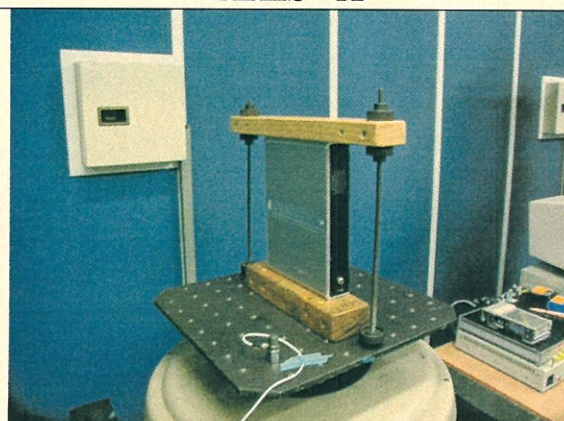
TESTING / INSPECTION REPORT

Testing photos (Non-Operation)

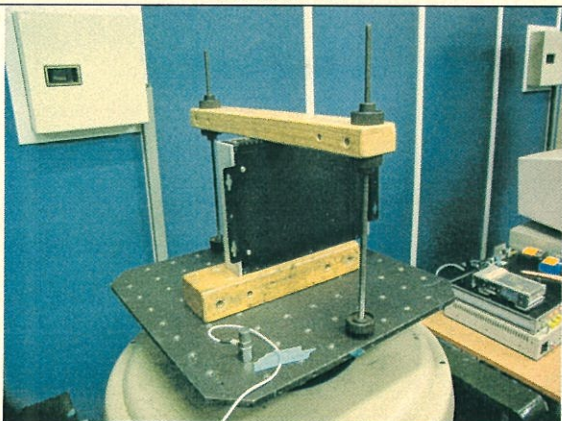
AXIS X



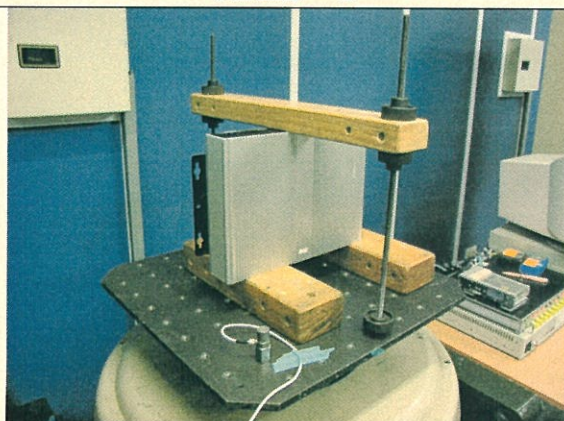
AXIS -X



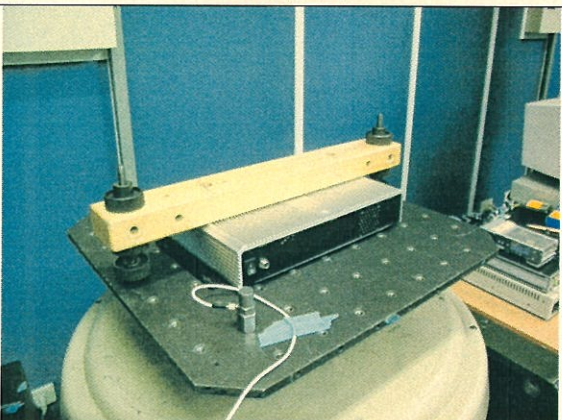
AXIS Y



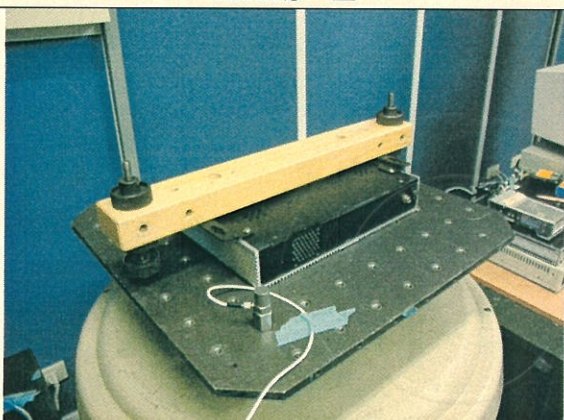
AXIS -Y



AXIS Z



AXIS -Z



TESTING / INSPECTION REPORT

Testing photos

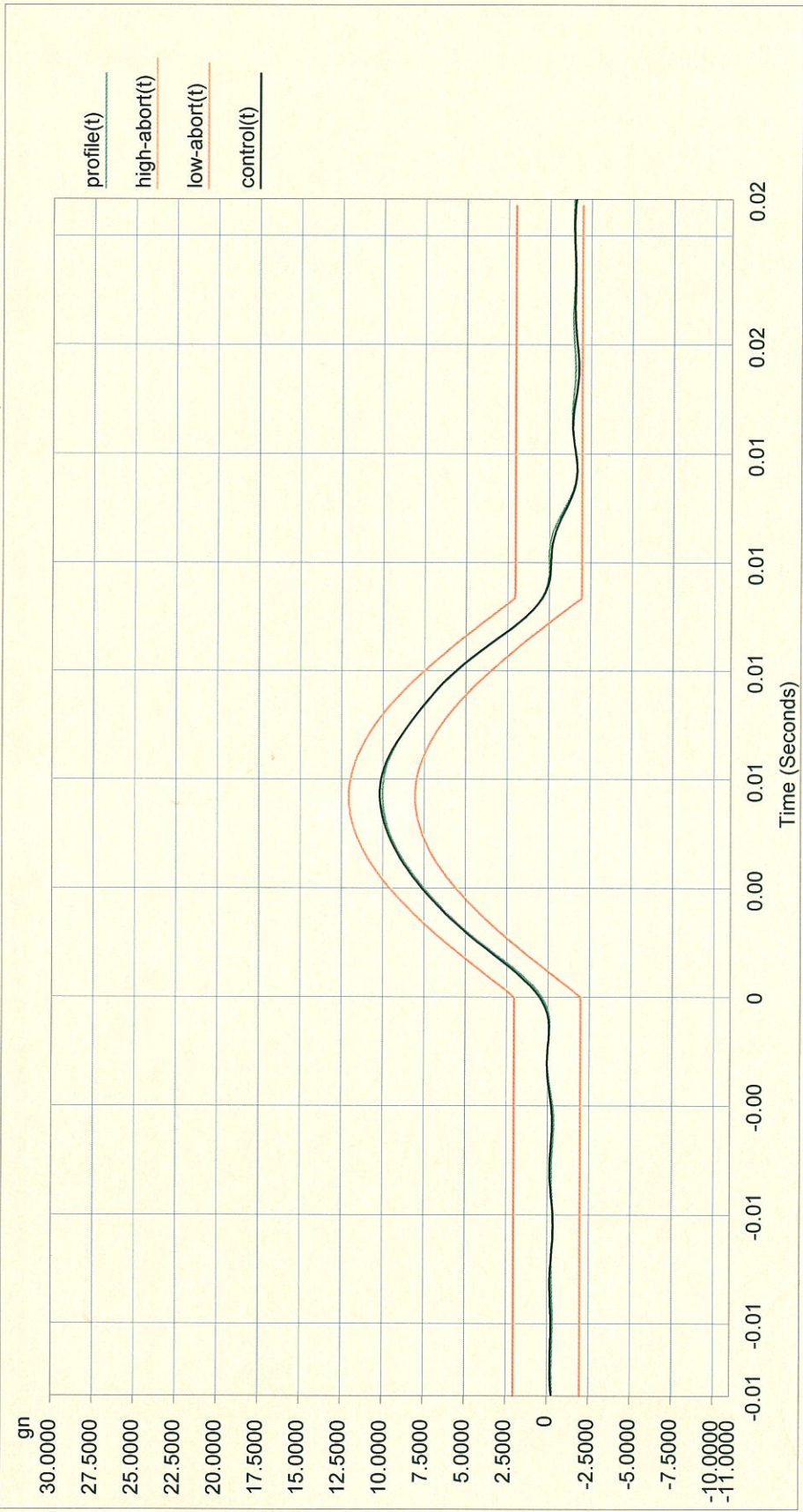
After test



Axis X

Project File Name: 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 13, 2009 10-20-08



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

Frame Time: 0.682667 Seconds Control Peak: 10.143868 Control RMS: 1.039700 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.024428 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 10.000000

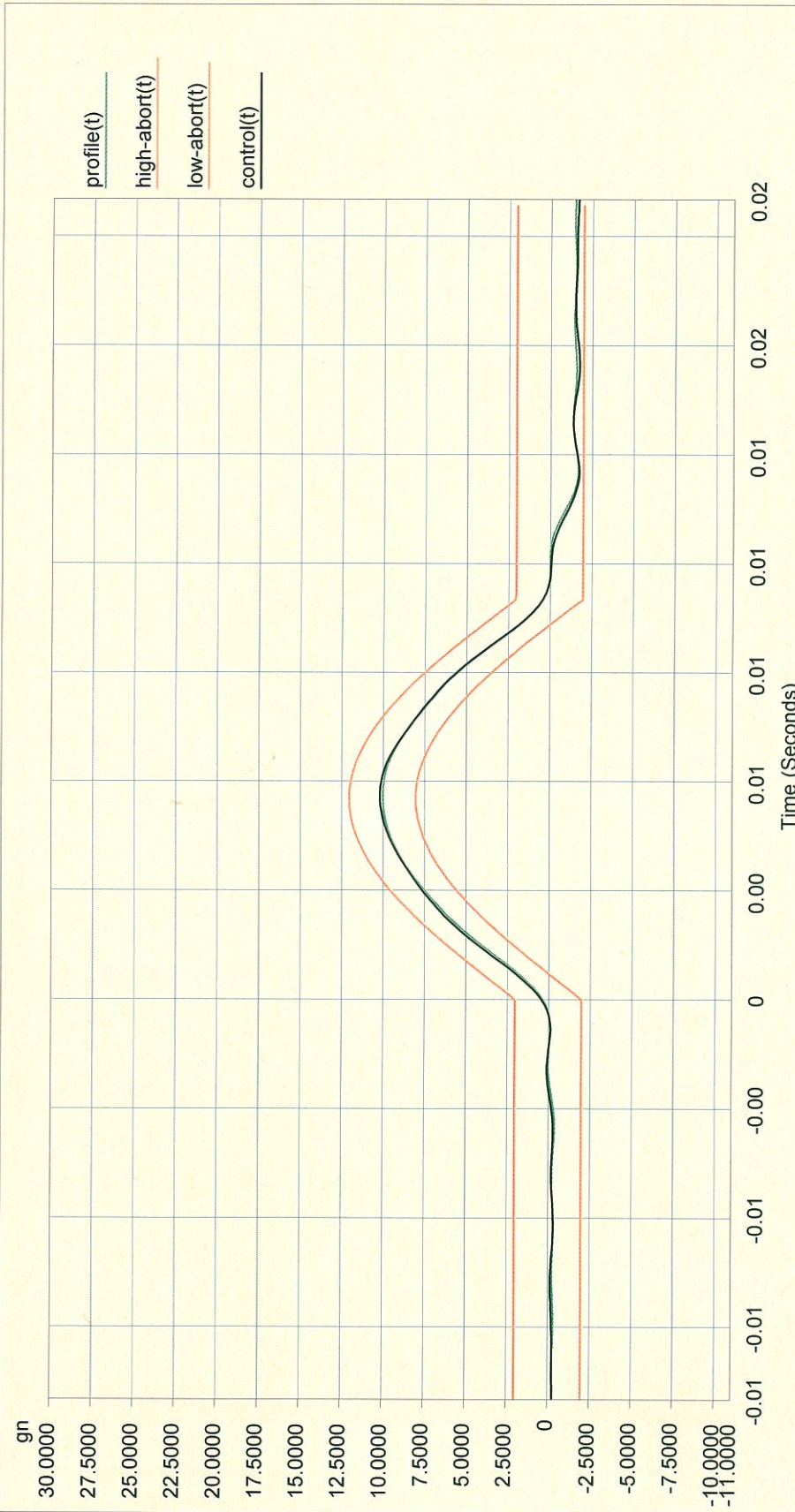
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Report created at 10:20:28 AM, Monday, July 13, 2009

Axis -X

Project File Name: 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jul 13, 2009 10-15-40



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

Frame Time: 0.682667 Seconds Control Peak: 10.149343 Control RMS: 1.040184 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.024428 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 10.000000

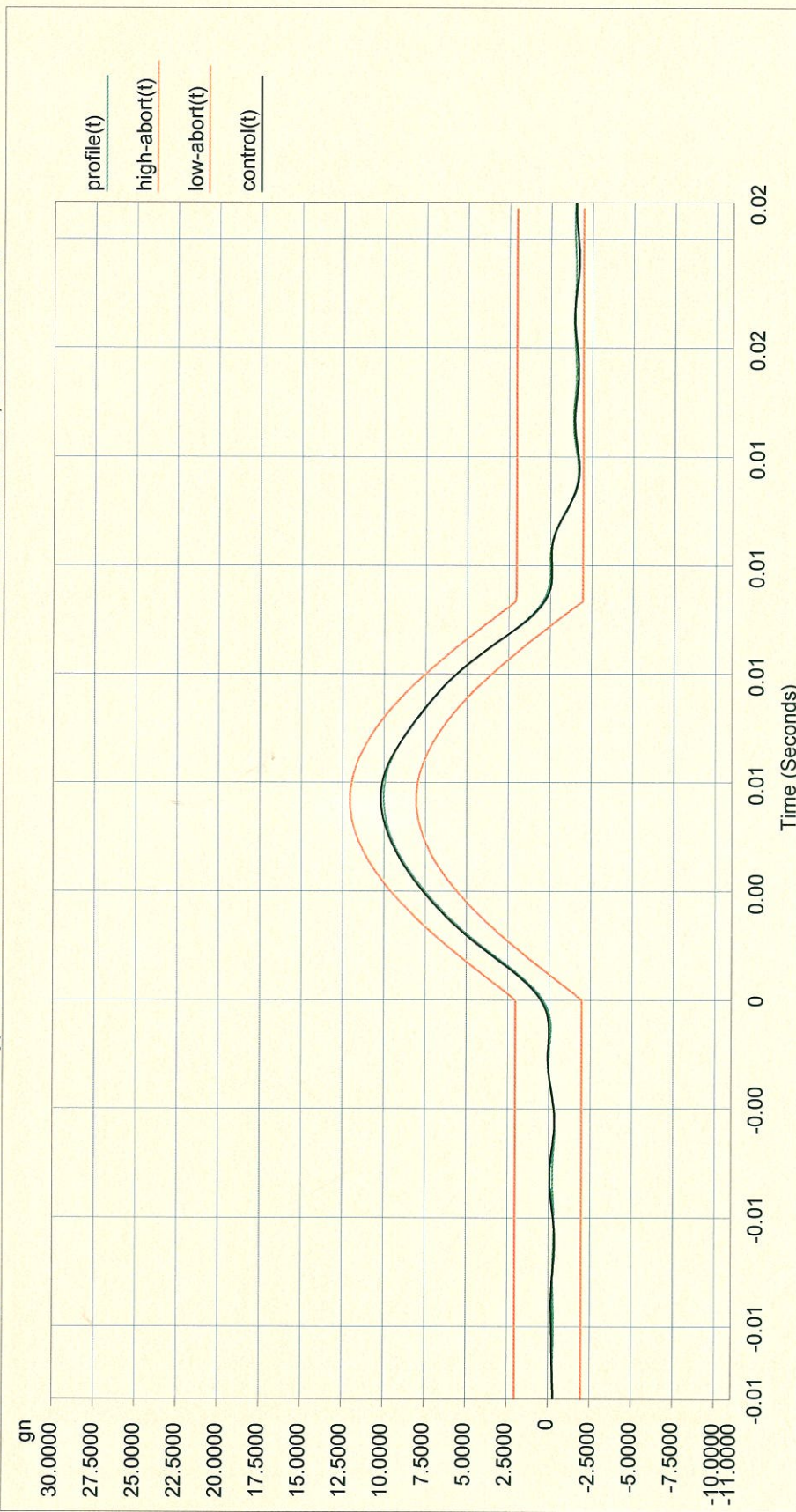
Data saved at 10:15:59 AM, Monday, July 13, 2009

Report created at Report created at 10:15:59 AM, Monday, July 13, 2009

Axis Y

Project File Name: 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 13, 2009 10-14-03



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

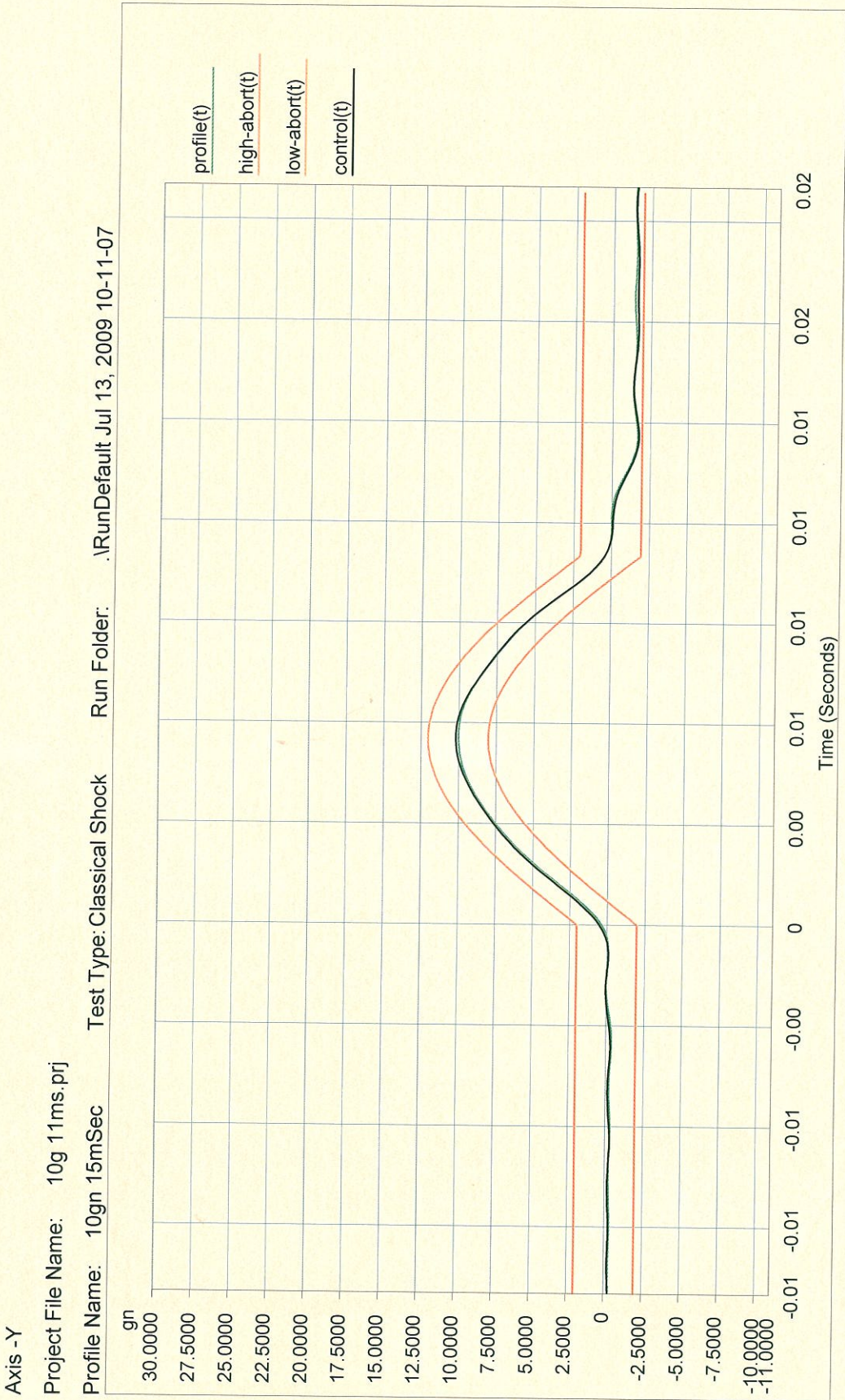
Frame Time: 0.682667 Seconds Control Peak: 10.151253 Control RMS: 1.040141 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.024428 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 10.000000

Data saved at 10:14:26 AM, Monday, July 13, 2009

Report created at Report created at 10:14:27 AM, Monday, July 13, 2009



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

Frame Time: 0.682667 Seconds Control Peak: 10.153551 Control RMS: 1.041095 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.024428 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 10.000000

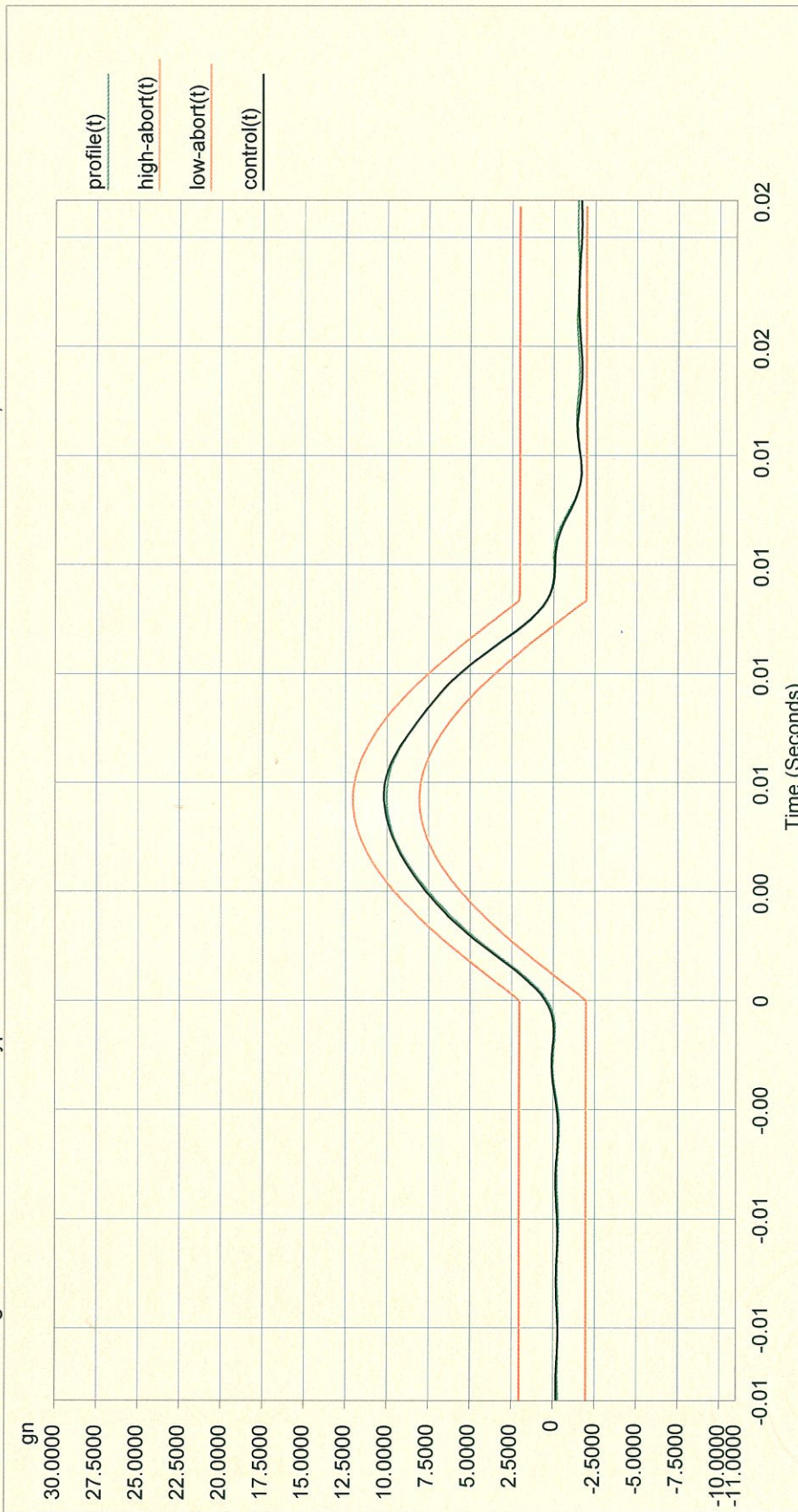
Data saved at 10:11:27 AM, Monday, July 13, 2009

Report created at Report created at 10:11:27 AM, Monday, July 13, 2009

Axis Z

Project File Name: 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 13, 2009 10-09-08



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

Frame Time: 0.682667 Seconds Control Peak: 10.147792 Control RMS: 1.041343 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.024428 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 10.000000

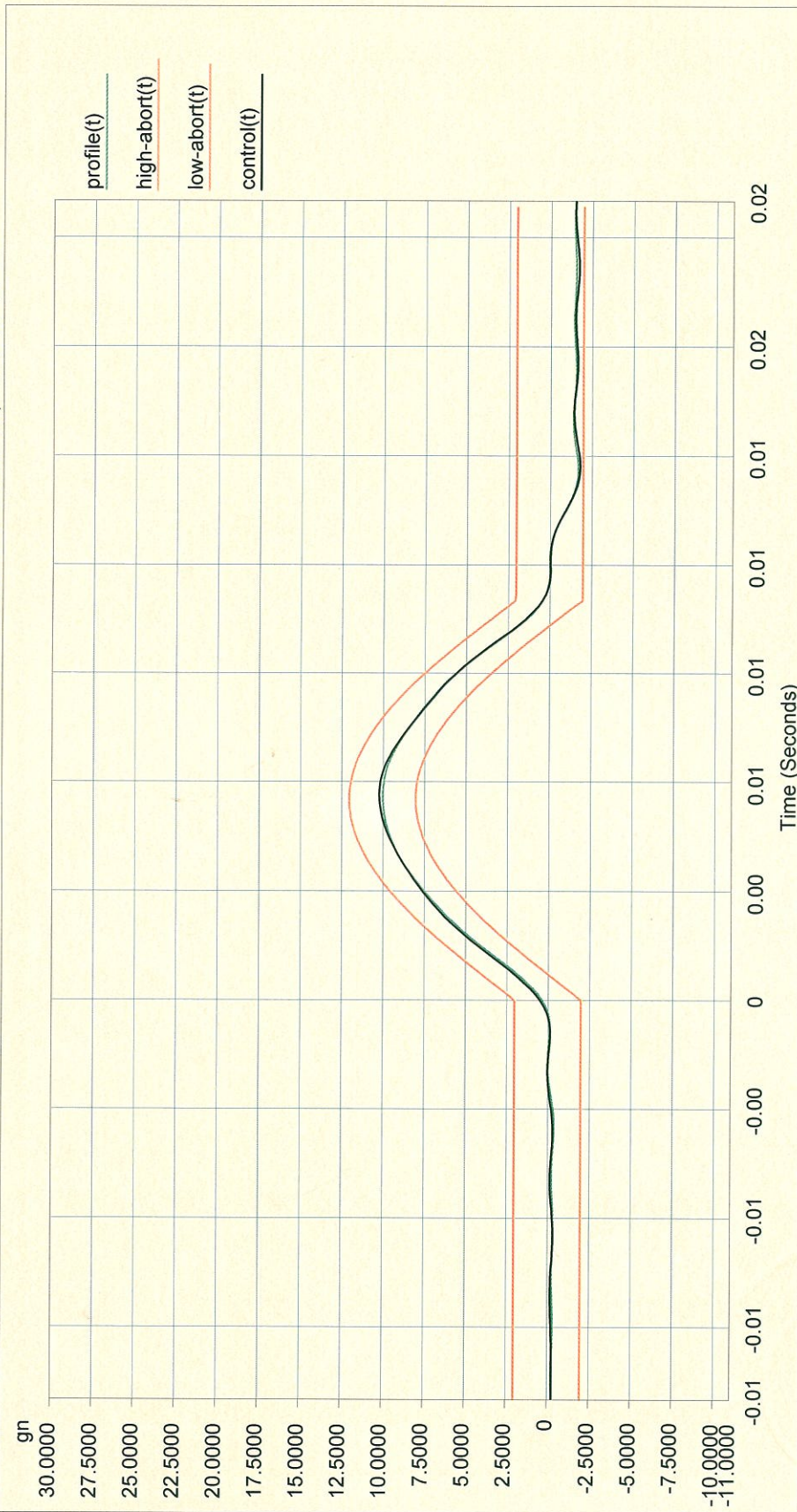
Data saved at 10:09:28 AM, Monday, July 13, 2009

Report created at 10:09:29 AM, Monday, July 13, 2009

Axis -Z

Project File Name: 10g 11ms.prj

Profile Name: 10gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jul 13, 2009 10-06-59



Level:

100 %

Block Size:

4096

Elapsed Pulses:15

Frame Time: 0.682667 Seconds Control Peak: 10.197211 Control RMS: 1.042503 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.024428 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude:10.000000

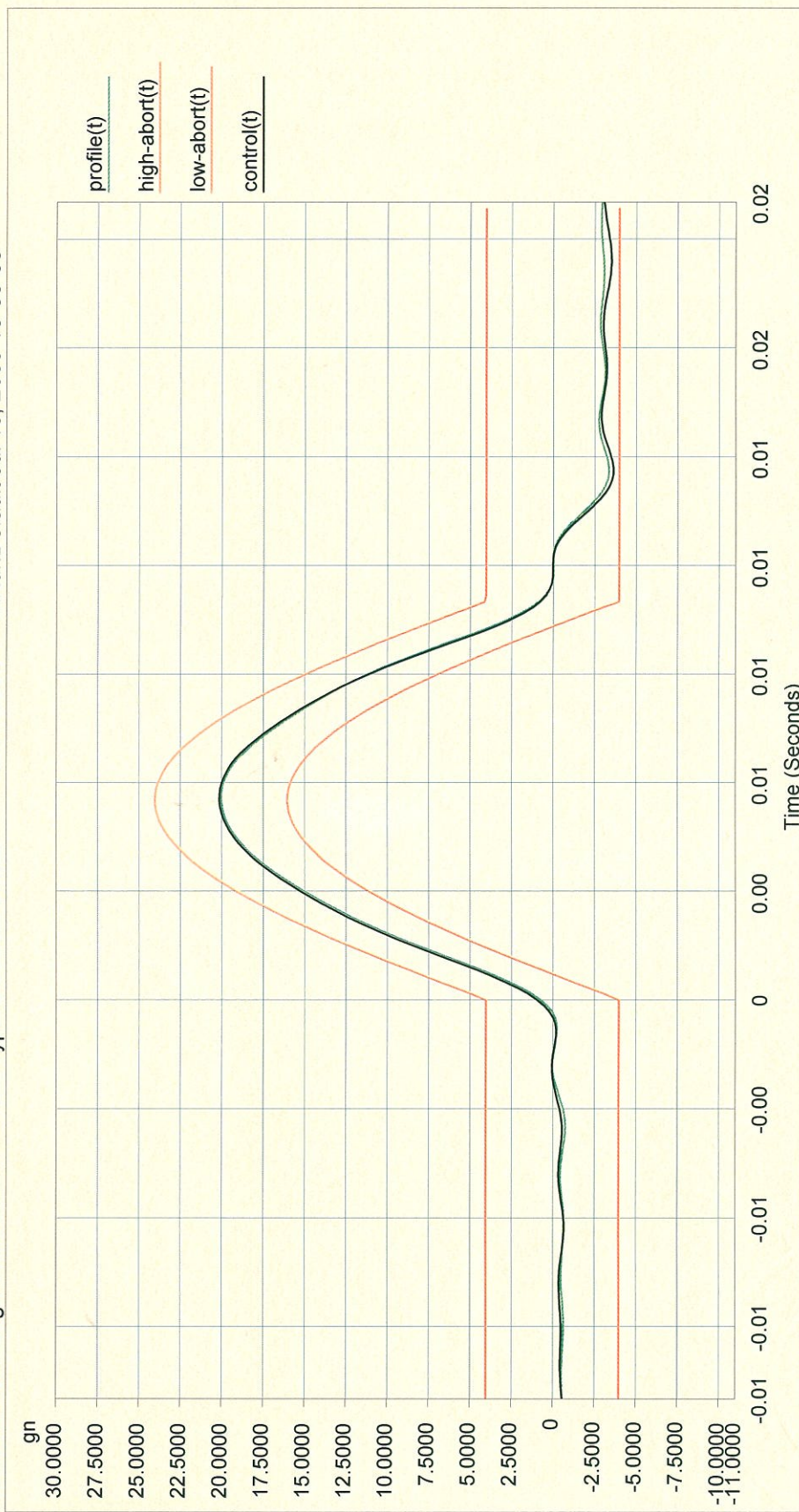
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Report created at Report created at 10:07:22 AM, Monday, July 13, 2009

Axis X

Project File Name: 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Jul 13, 2009 10-33-33



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.101536 Control RMS: 2.079608 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048856 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000

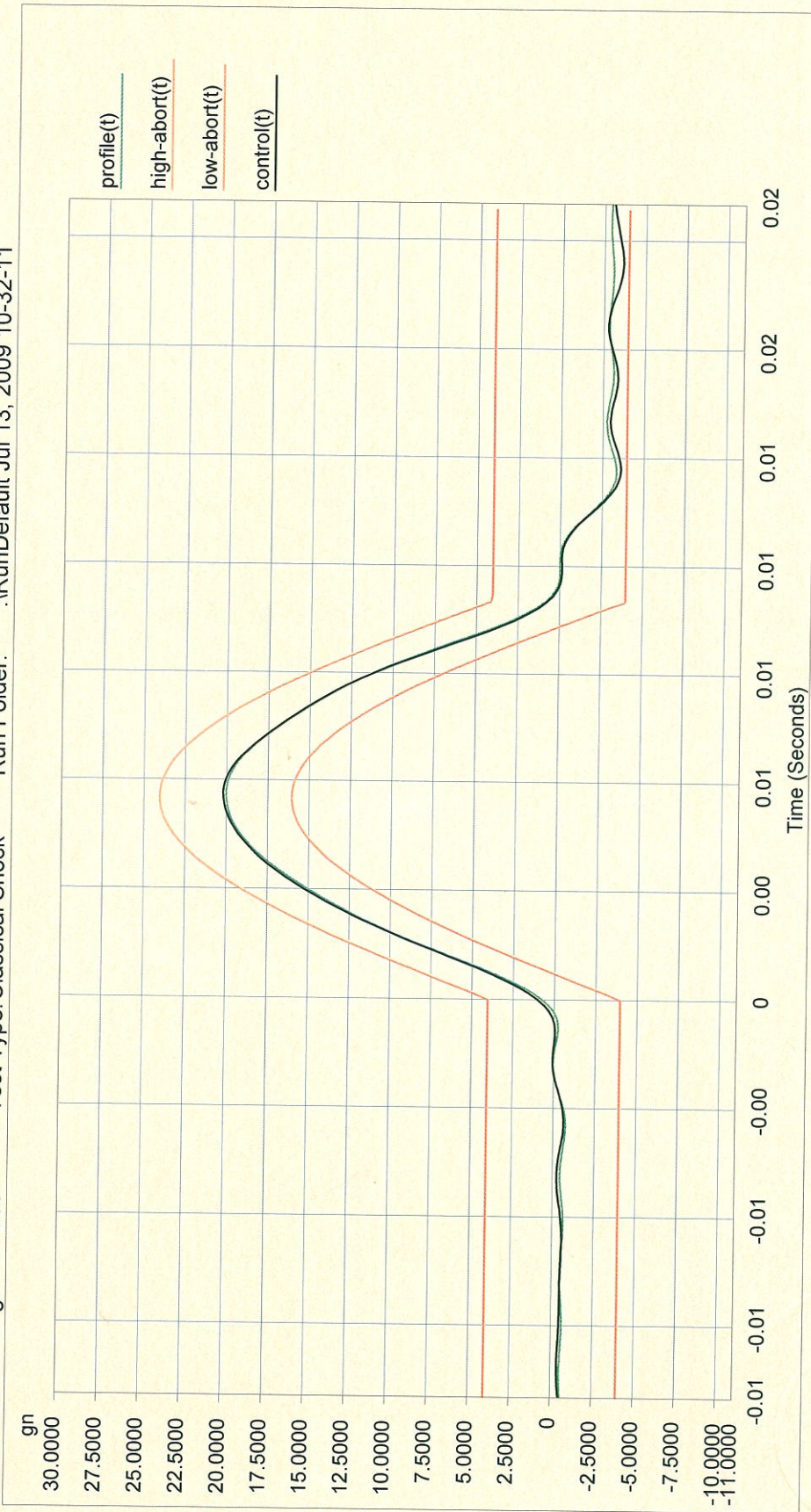
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Report created at Report created at 10:33:54 AM, Monday, July 13, 2009

Axis -X

Project File Name: 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 13, 2009 10-32-11



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.170303 Control RMS: 2.078516 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048856 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000

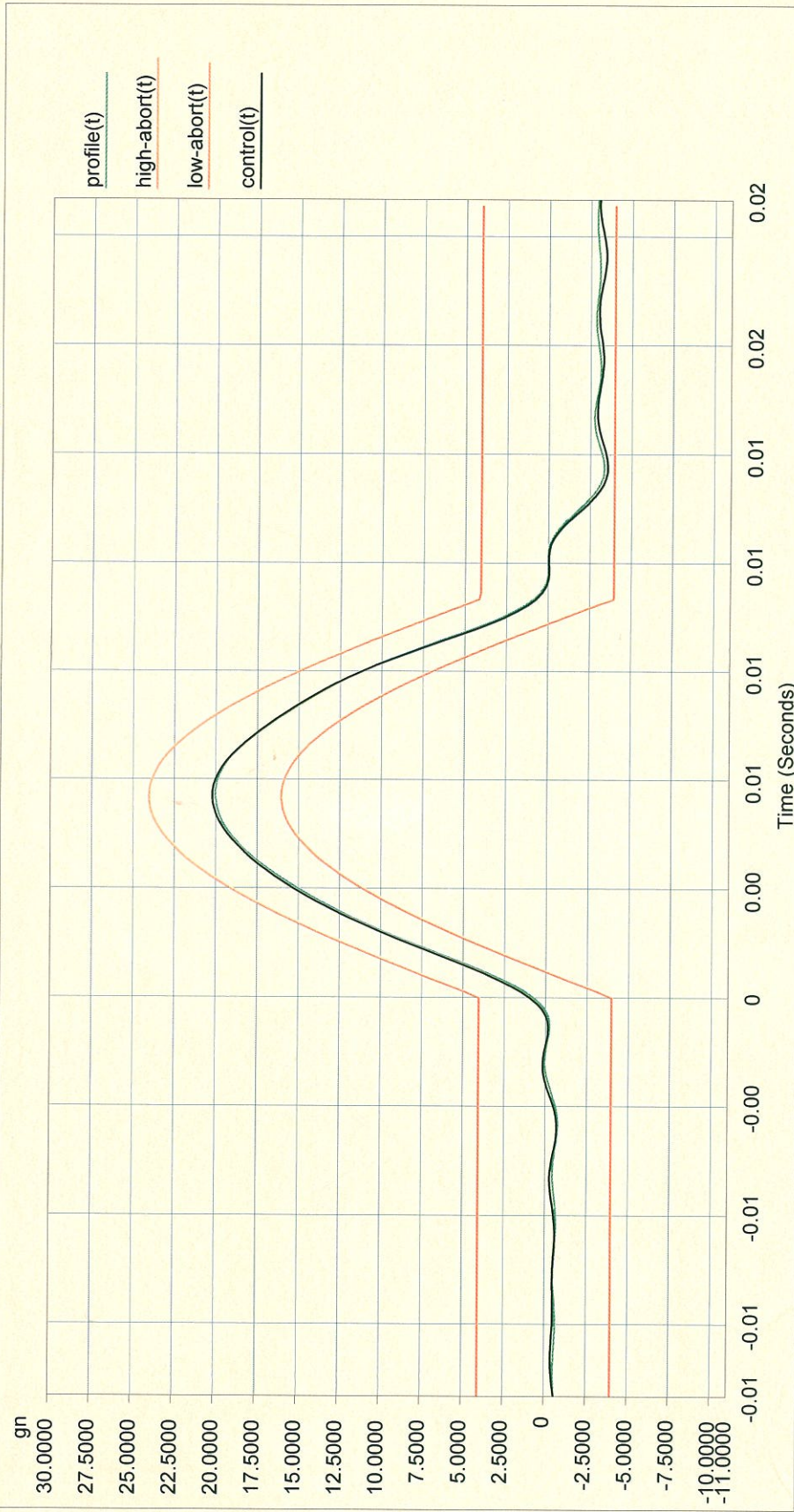
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Report created at Report created at 10:32:33 AM, Monday, July 13, 2009

Axis Y

Project File Name: 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 13, 2009 10-30-11



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.167185 Control RMS: 2.077370 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048856 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000

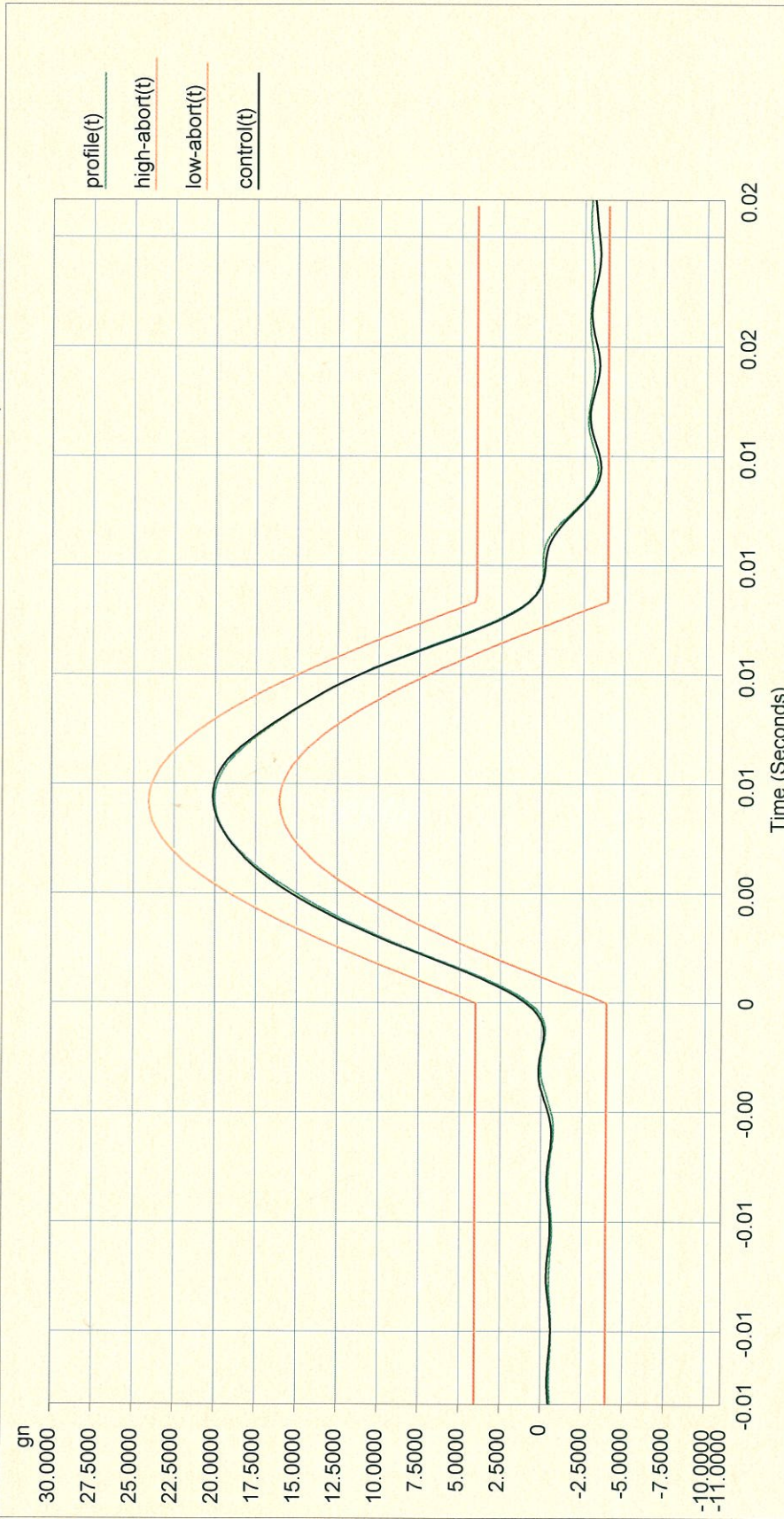
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Report created at 10:30:32 AM, Monday, July 13, 2009

Axis -Y

Project File Name: 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jul 13, 2009 10-28-58



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

Frame Time: 0.682667 Seconds Control Peak: 20.093258 Control RMS: 2.077945 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048856 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000

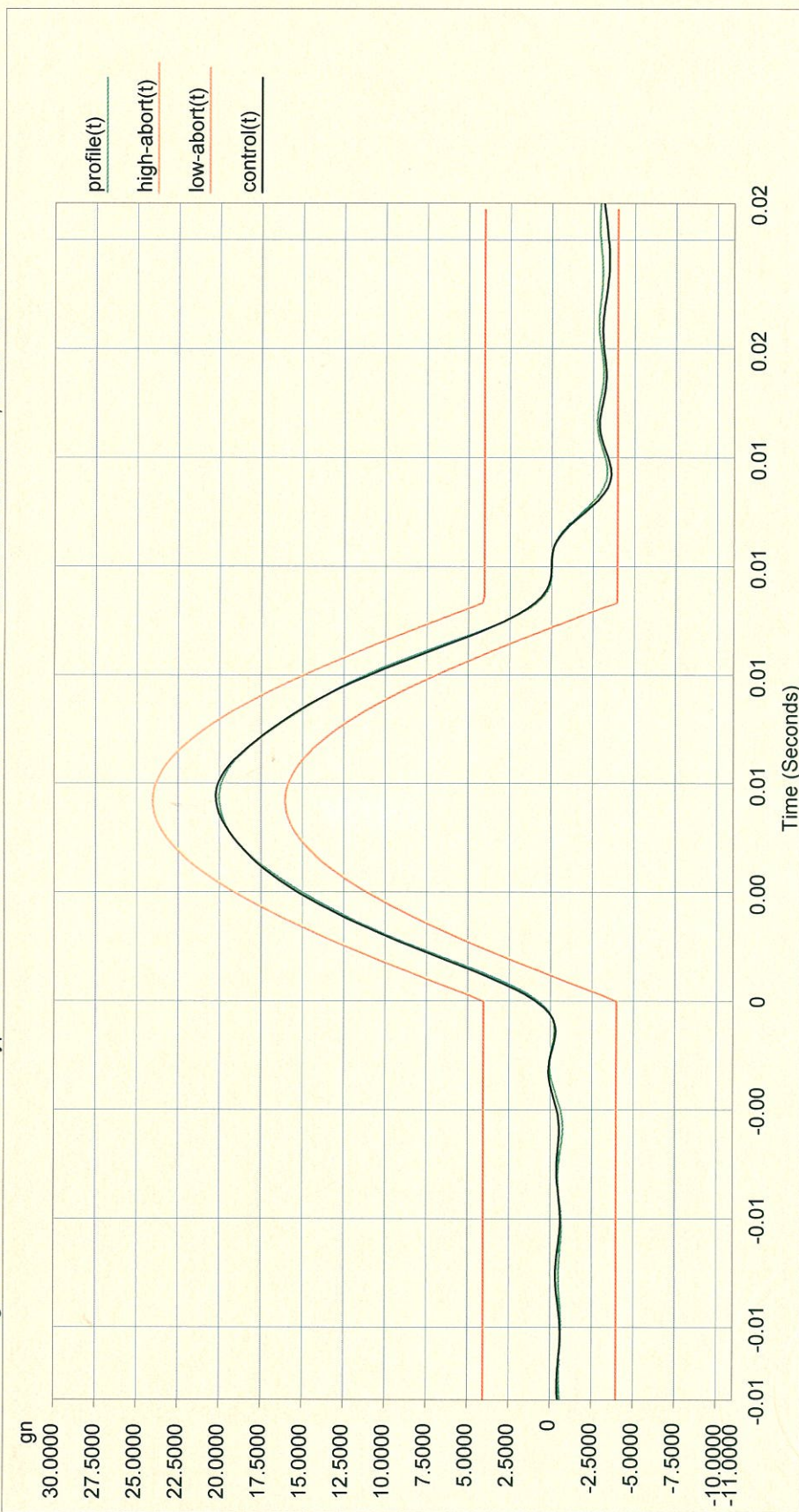
Data saved at 10:29:17 AM, Monday, July 13, 2009

Report created at 10:29:18 AM, Monday, July 13, 2009

Axis Z

Project File Name: 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 13, 2009 10:27-21



Level: 100 % Block Size: 4096 Elapsed Pulses: 15

Frame Time: 0.682667 Seconds Control Peak: 20.200592 Control RMS: 2.076789 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048856 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000

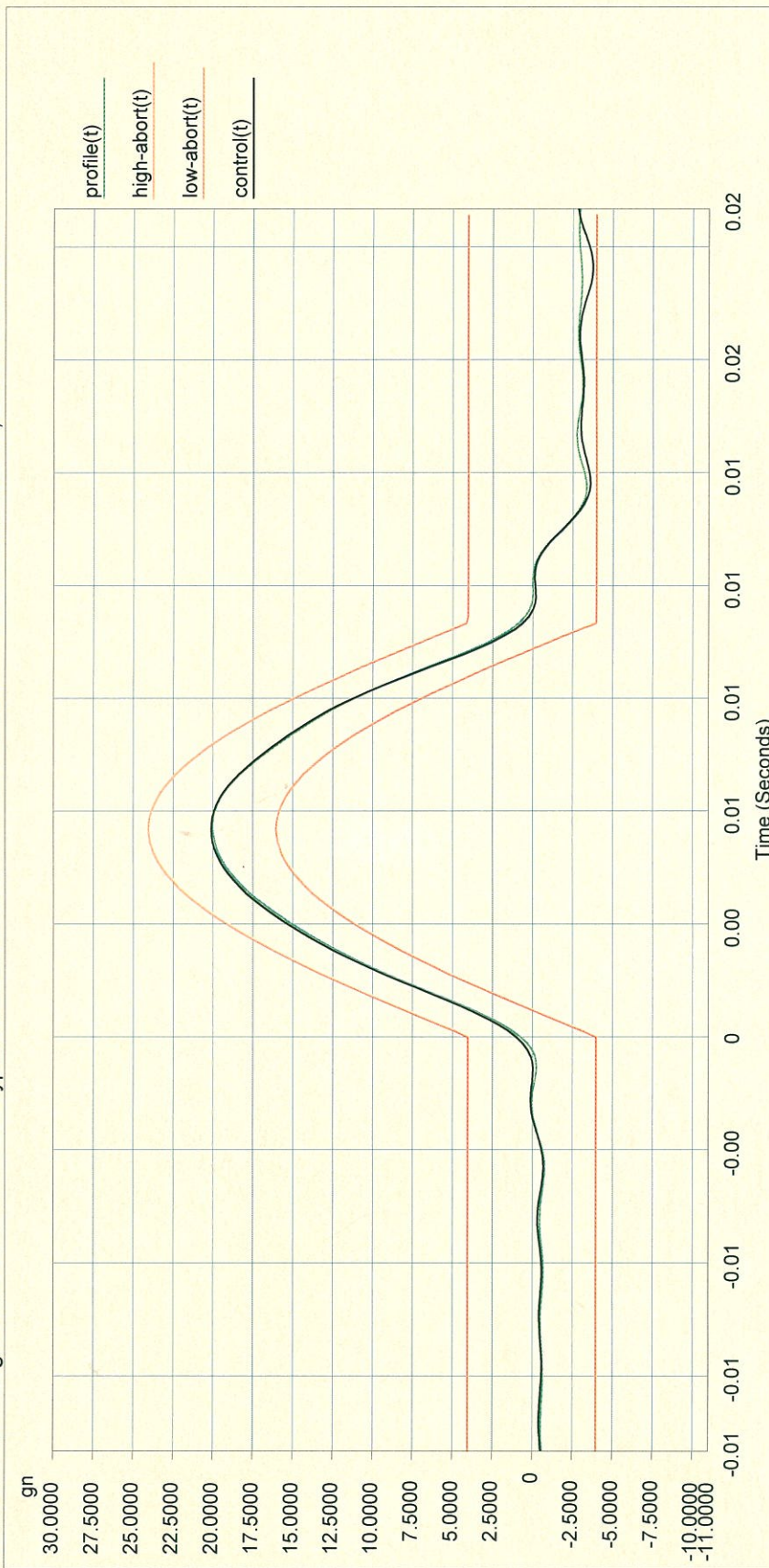
Data saved at 10:27:40 AM, Monday, July 13, 2009

Report created at 10:27:41 AM, Monday, July 13, 2009

Axis -Z

Project File Name: 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jul 13, 2009 10-25-36



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.081295 Control RMS: 2.079403 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048856 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000

Data saved at 10:25:56 AM, Monday, July 13, 2009

Report created at 10:25:57 AM, Monday, July 13, 2009

-END-