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VIBRATION LABORATORY
<http://www.king-design.com.tw>
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TESTING / INSPECTION REPORT

DATE : March 11, 2003
REPORT NO : ST-030311-1

COMPANY : AAEON Technology Inc.
5F, No.135, Lane 235, Pao Chiao Rd.
Hsin-Tien City, Taipei, Taiwan, R. O. C.
TEL : 886-2-8919-1234
FAX : 886-2-8919-1049

SPECIMEN : AMB-2000 V2.0 / ONYX-158

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

REMARKS :

- The results only apply to the device under test.
- This report is 16 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer : *Chi Ping Chan*

Approved by : *Dave Lee*
2003.3.12

Laboratory Head :

2003/3/12 Hung Chen Li



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TESTING EQUIPMENT :

- | | |
|--|--|
| 1. Shock Tester : KING DESIGN | (KD-9363-600F2K-50N120,
S/N: KDS11054783) |
| 2. Controller : DACTRON | (DSC System Version 0.922, S/N: 635651) |
| 3. Control Accelerometer : Wilcoxon Research | (WR-777, S/N: 3425) |

TEST ENVIRONMENT :

- | | |
|-------------|-------------|
| Temperature | : 23±2°C |
| Humidity | : 70±20% RH |

SPECIMEN :

- | | |
|----------|----------------------------|
| Model | : AMB-2000 V2.0 / ONYX-158 |
| Quantity | : Each model 1 piece |

SHOCK TEST SPECIFICATION :

- | | |
|-----------------|-------------------------------|
| Wave Form | : Half sine wave (Operating) |
| Acceleration | : 15 g |
| Duration Time | : 11 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : +X, -X, +Y, -Y, +Z, -Z axis |

TEST RESULT :

- | | |
|------------------|-------------|
| Appearance check | : No damage |
| Function check | : Normal |

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TESTING / INSPECTION REPORT

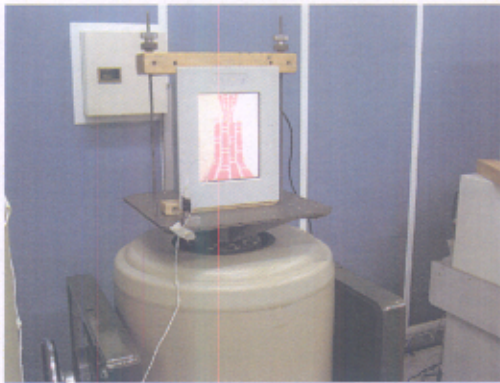
Testing photos

AMB-2000 V2.0

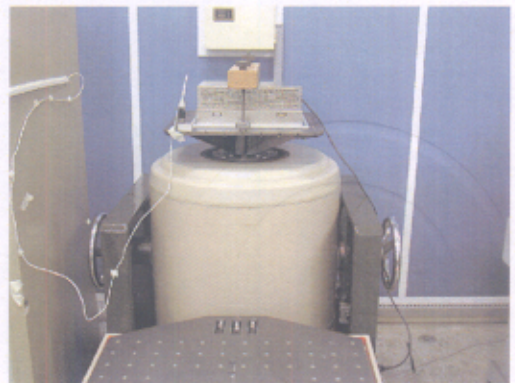
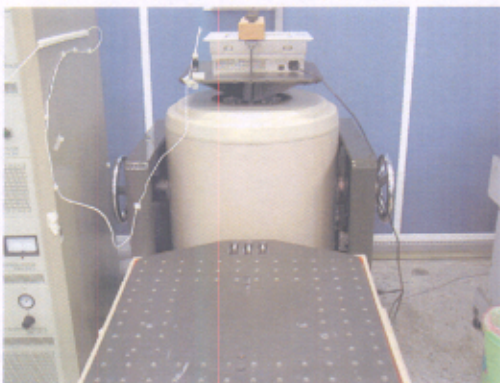
AXIS $\pm X$



AXIS $\pm Y$



AXIS $\pm Z$



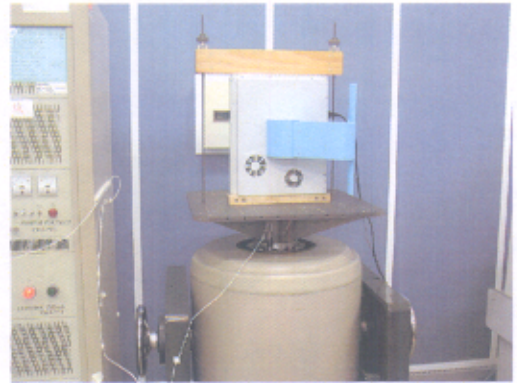
TESTING / INSPECTION REPORT

Testing photos

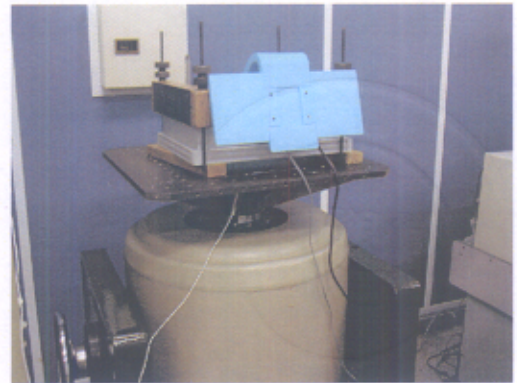
ONYX-158 AXIS \pm X



AXIS \pm Y



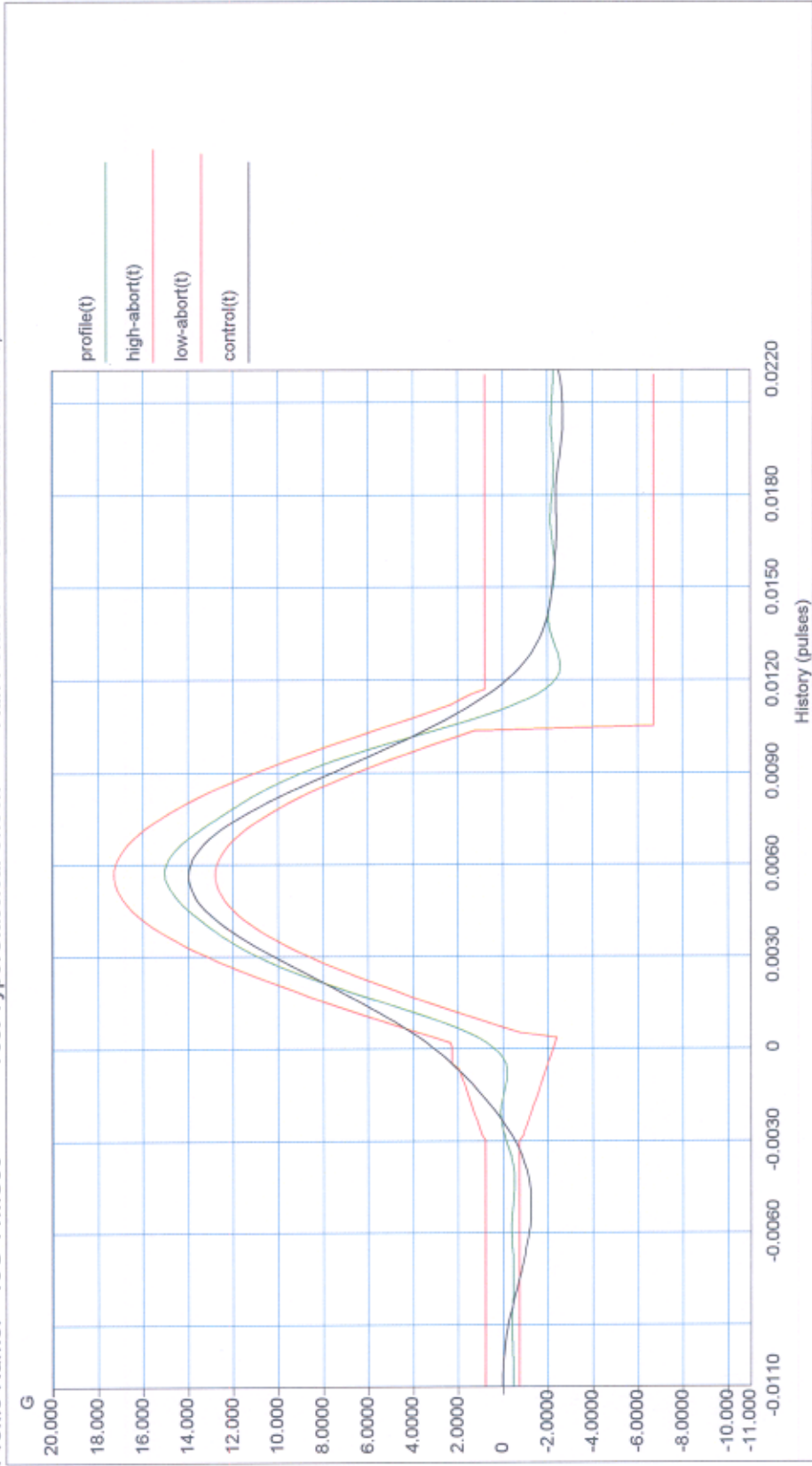
AXIS \pm Z



AXIS X AMB-2000 V2.0

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 15-23-19



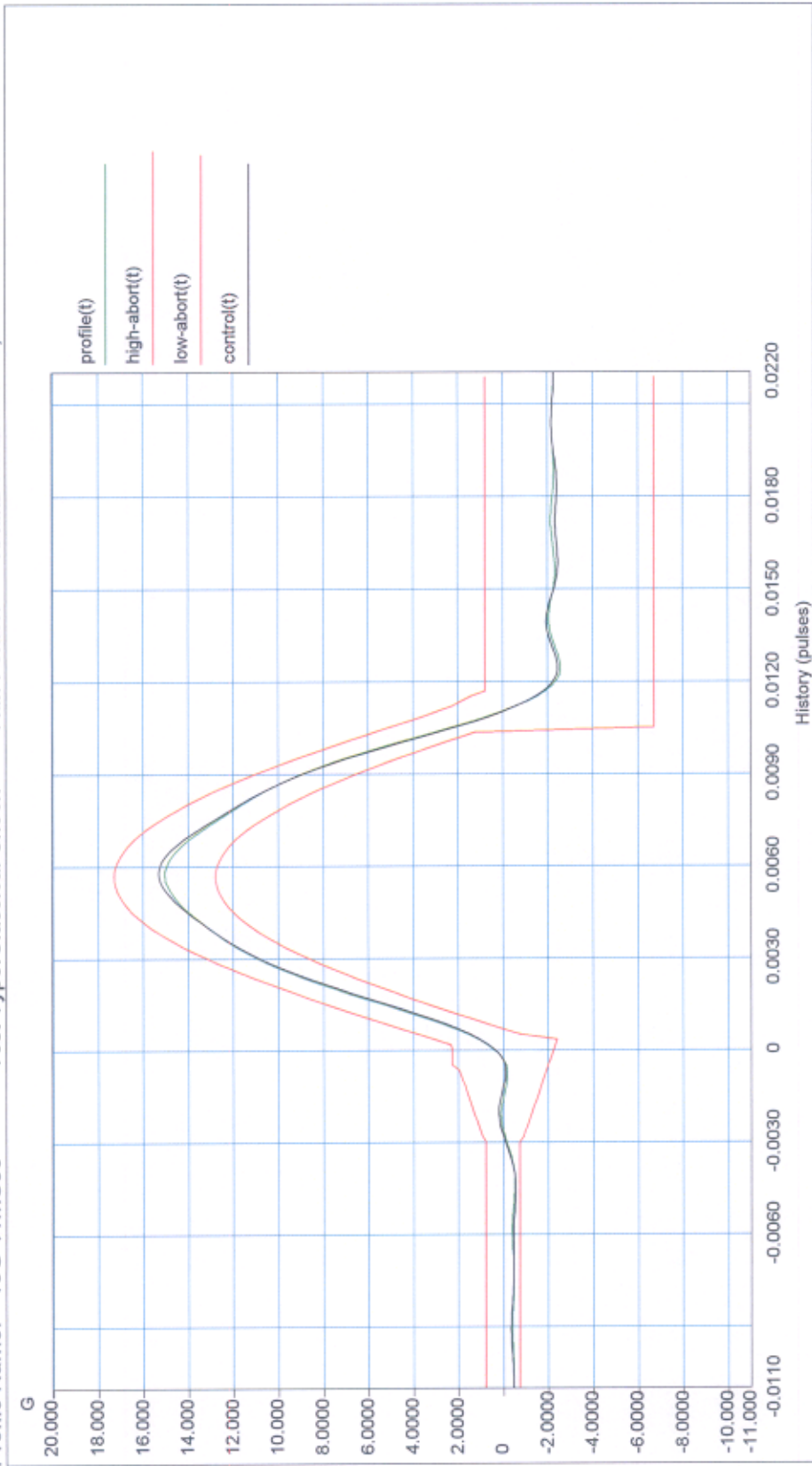
Level: 100 % Block Size: 4096 Elapsed Pulses: 11
Frame Time: 0.682667 Seconds Control Peak: 30.758705 G Control RMS: 2.136652 G Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 03:24:17 PM, Tuesday, March 11, 2003 Report created at 03:24:22 PM, Tuesday, March 11, 2003

AXIS -X AMB-2000 V2.0

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 15-25-53

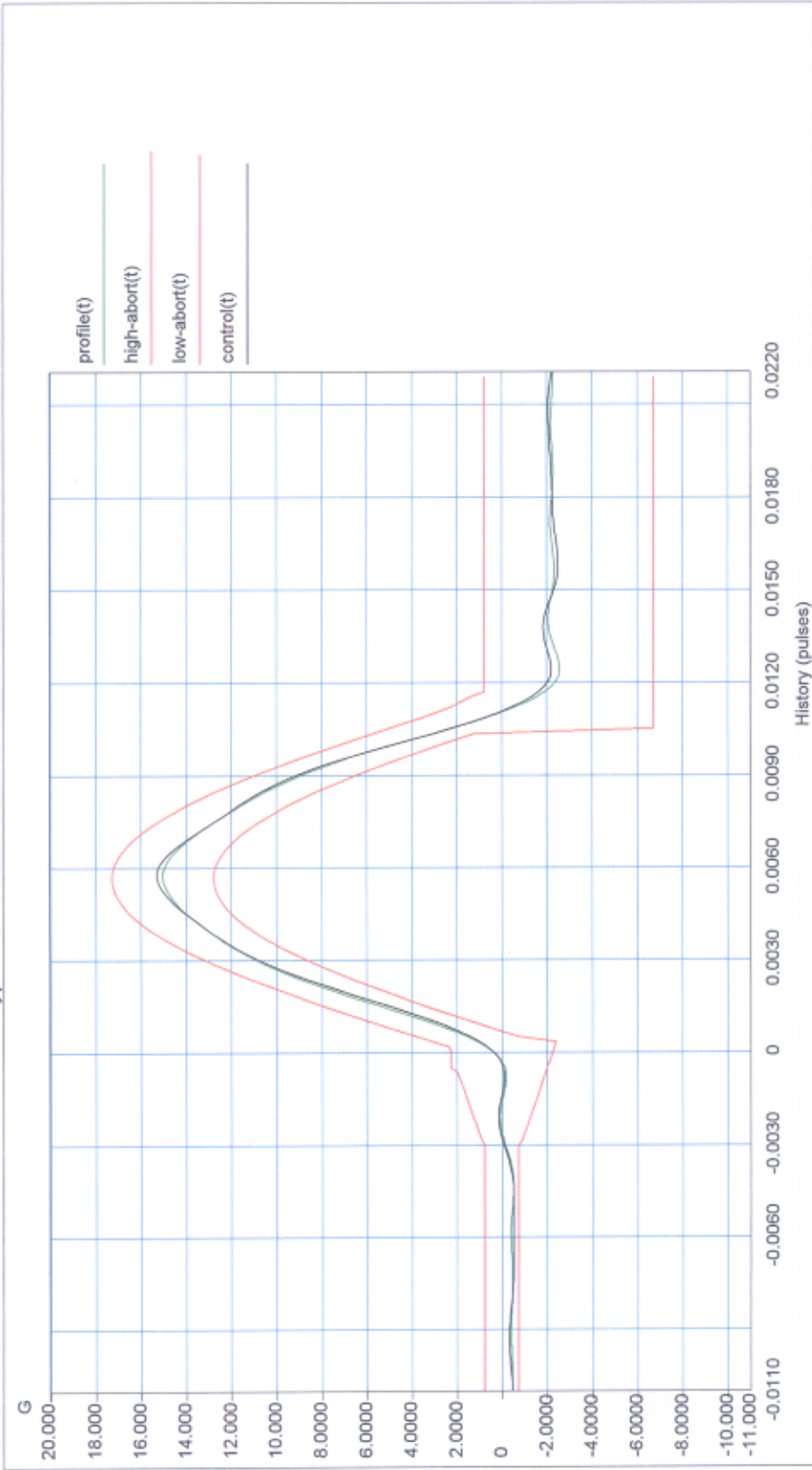


Level: 100 % Block Size: 4096 Elapsed Pulses: 11
Frame Time: 0.682667 Seconds Control Peak: 15.270488 G Control RMS: 1.496946 G Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms
Data saved at 03:32:23 PM, Tuesday, March 11, 2003 Report created at 03:32:27 PM, Tuesday, March 11, 2003

AXIS Y AMB-2000 V2.0

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 15-48-52



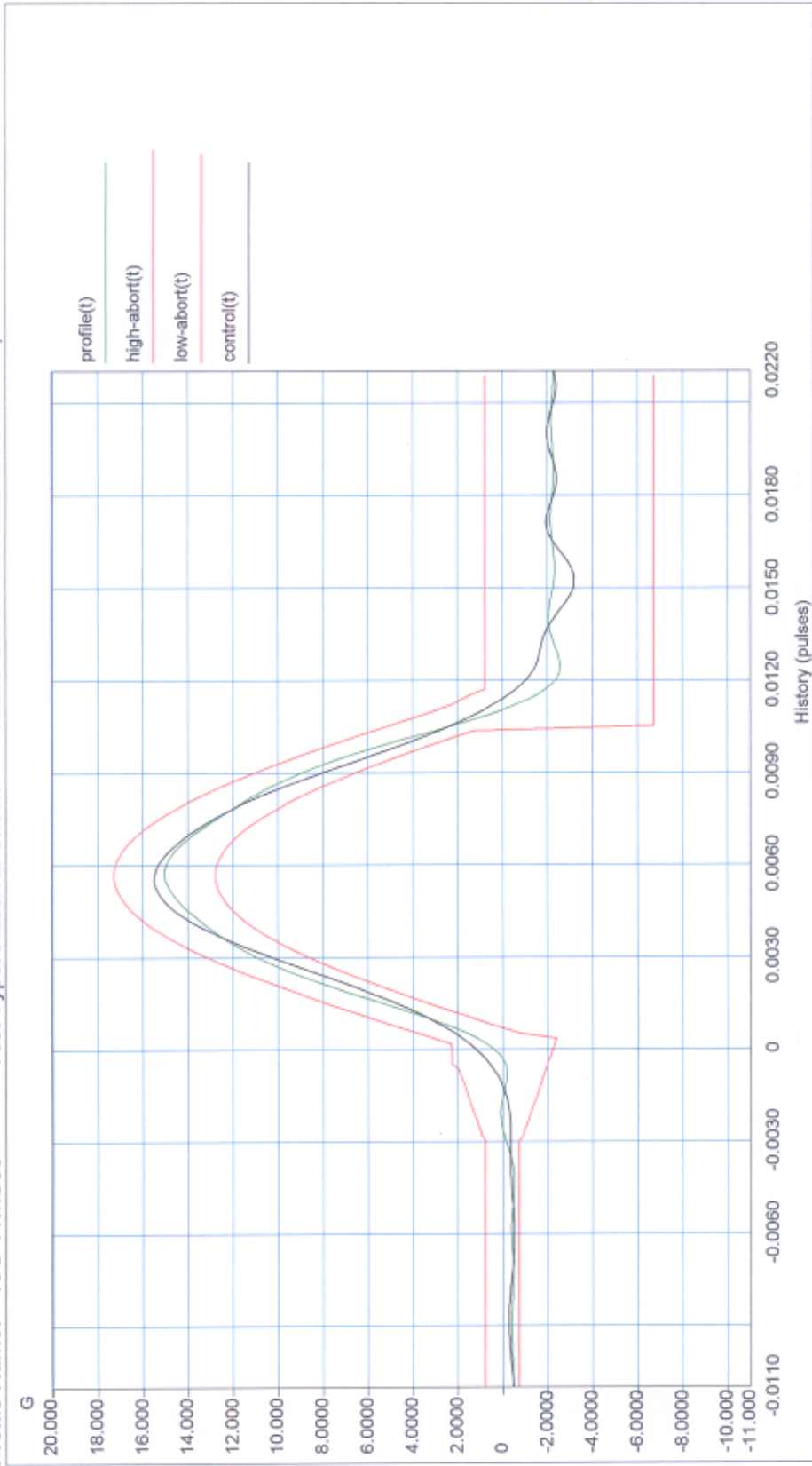
Level: 100 % Block Size: 4096 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
Frame Time: 0.682667 Seconds Control Peak: 15.259458 G Control RMS: 1.494418 G
dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 03:49:16 PM, Tuesday, March 11, 2003 Report created at 03:49:21 PM, Tuesday, March 11, 2003

AXIS -Y AMB-2000 V2.0

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 15-53-55



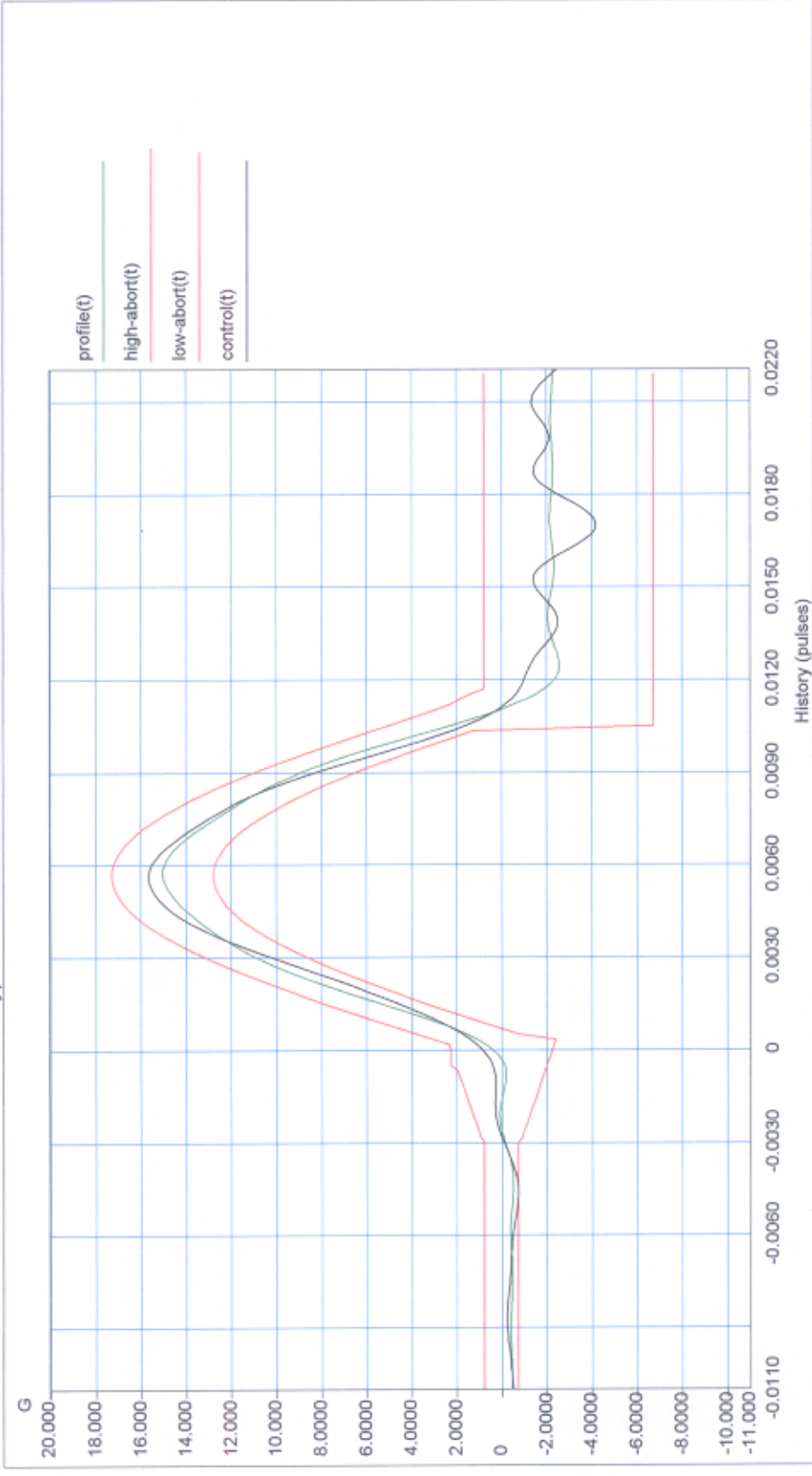
Level: 100 % Block Size: 4096 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
Frame Time: 0.682667 Seconds Control Peak: 15.457599 G Control RMS: 1.520828 G
dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 03:54:18 PM, Tuesday, March 11, 2003 Report created at 03:54:22 PM, Tuesday, March 11, 2003

AXIS Z AMB-2000 V2.0

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 14:58:38



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

Frame Time: 0.682667 Seconds Control Peak: 15.611773 G Control RMS: 1.499585 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0

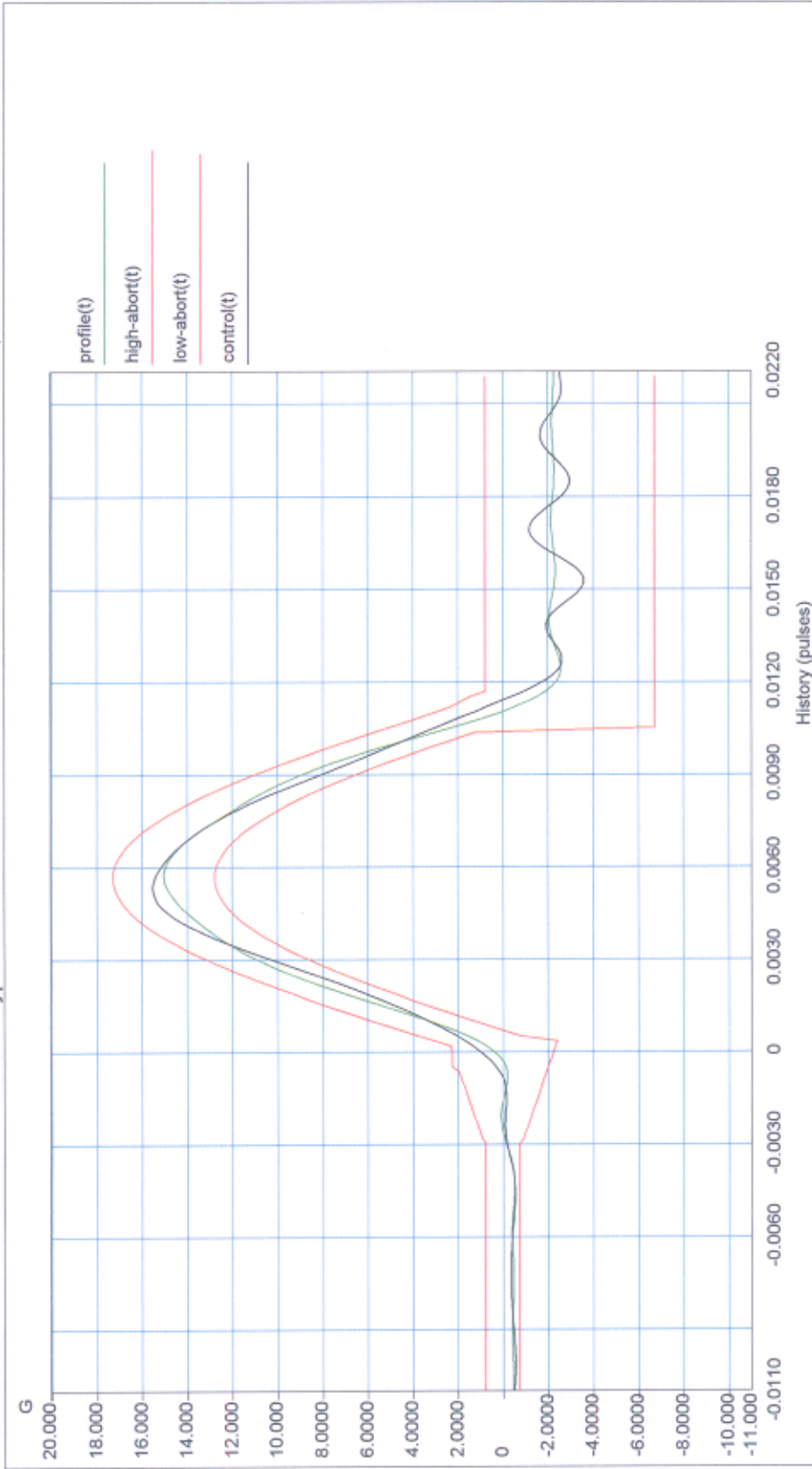
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 02:58:56 PM, Tuesday, March 11, 2003 Report created at 02:59:01 PM, Tuesday, March 11, 2003

AXIS -Z AMB-2000 V2.0

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 15-00-03



Level: 100 % Block Size: 4096 Elapsed Pulses: 10
 Frame Time: 0.682667 Seconds Control Peak: 15.479753 G Control RMS: 1.497719 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0

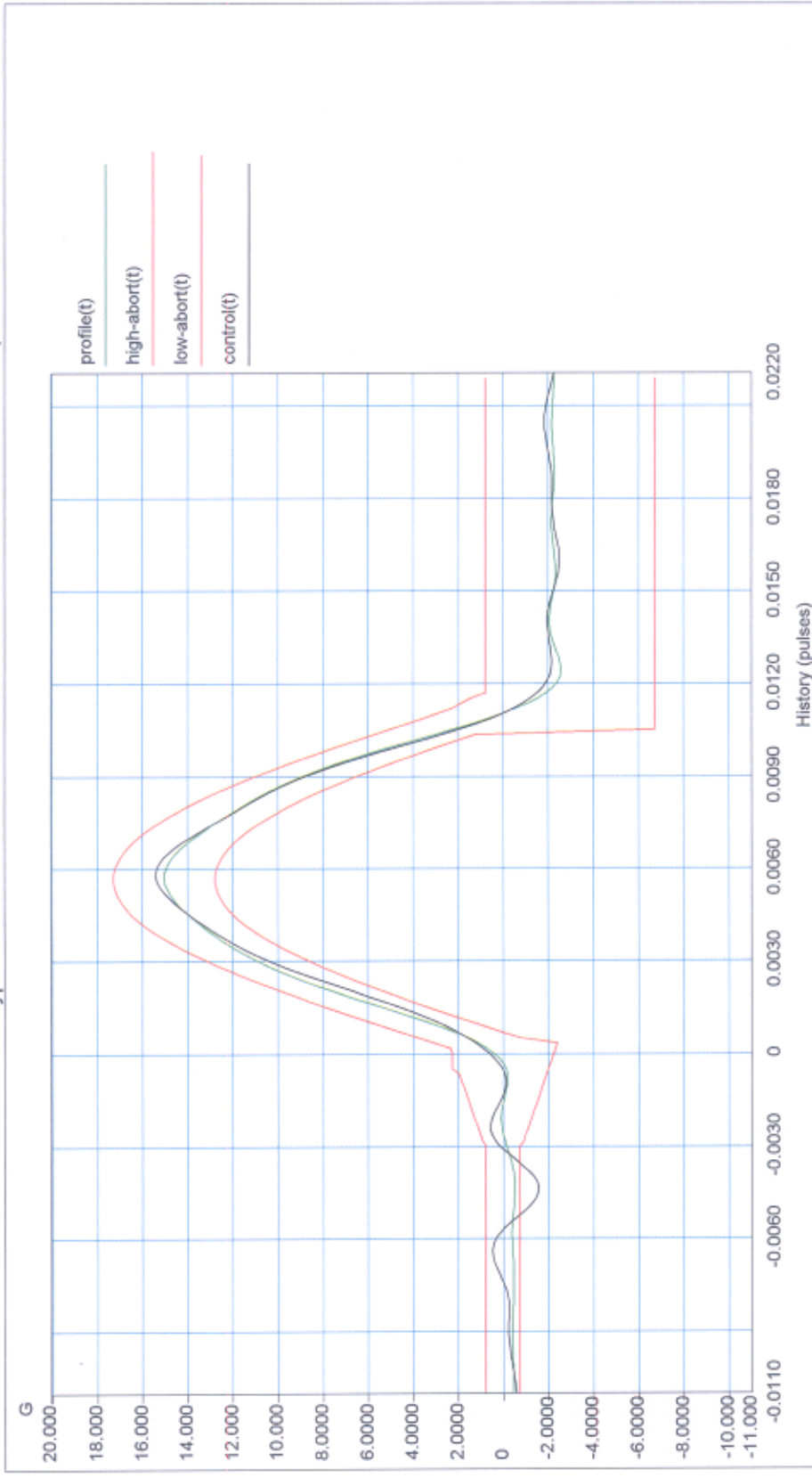
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 03:03:16 PM, Tuesday, March 11, 2003 Report created at 03:03:20 PM, Tuesday, March 11, 2003

AXIS X ONYX-158

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 16-05-44



Level: 100 % Block Size: 4096 Elapsed Pulses: 11

Frame Time: 0.682667 Seconds Control Peak: 15.369121 G Control RMS: 1.484387 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0

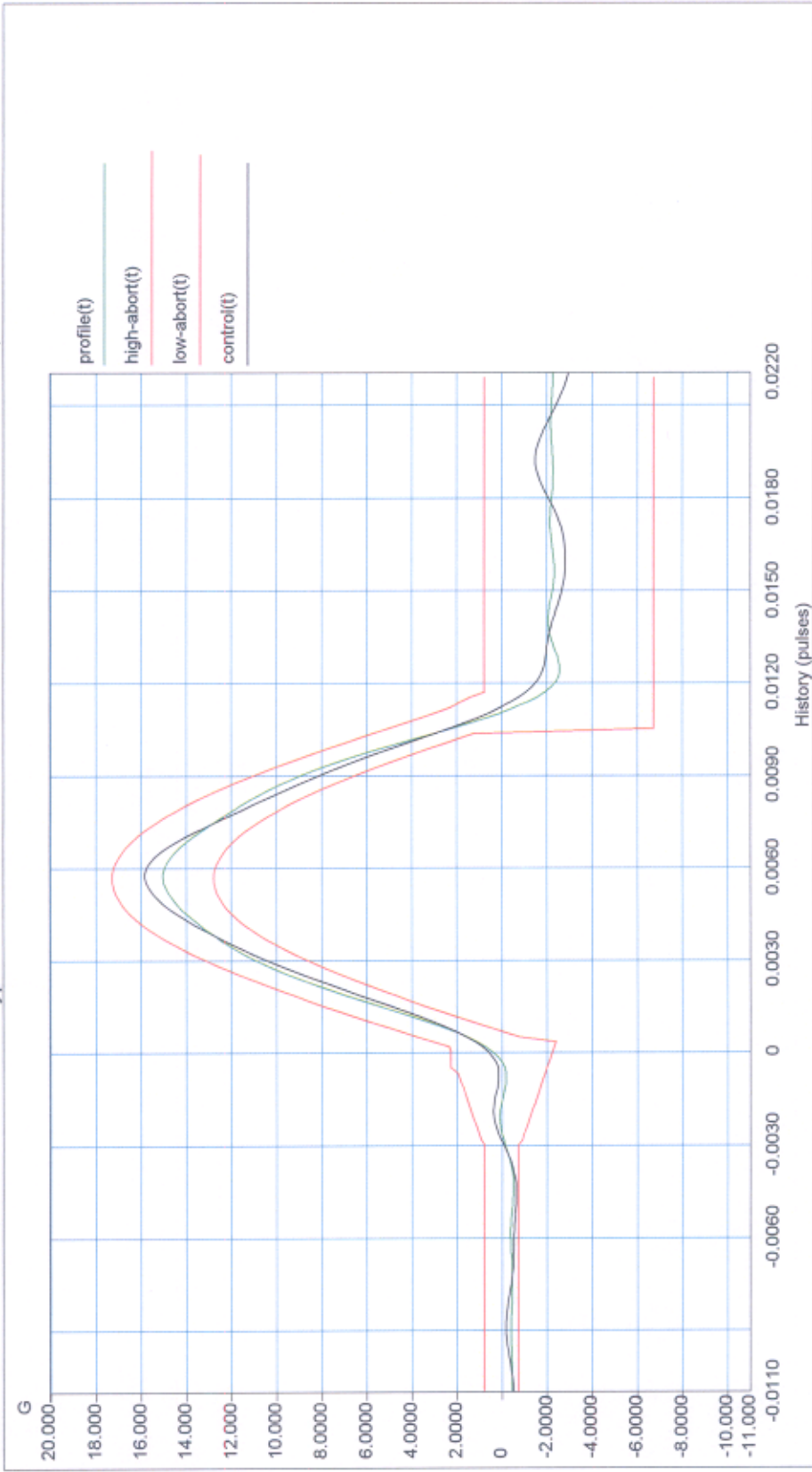
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 04:06:15 PM, Tuesday, March 11, 2003 Report created at 04:06:19 PM, Tuesday, March 11, 2003

AXIS -X ONYX-158

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 16:20:30

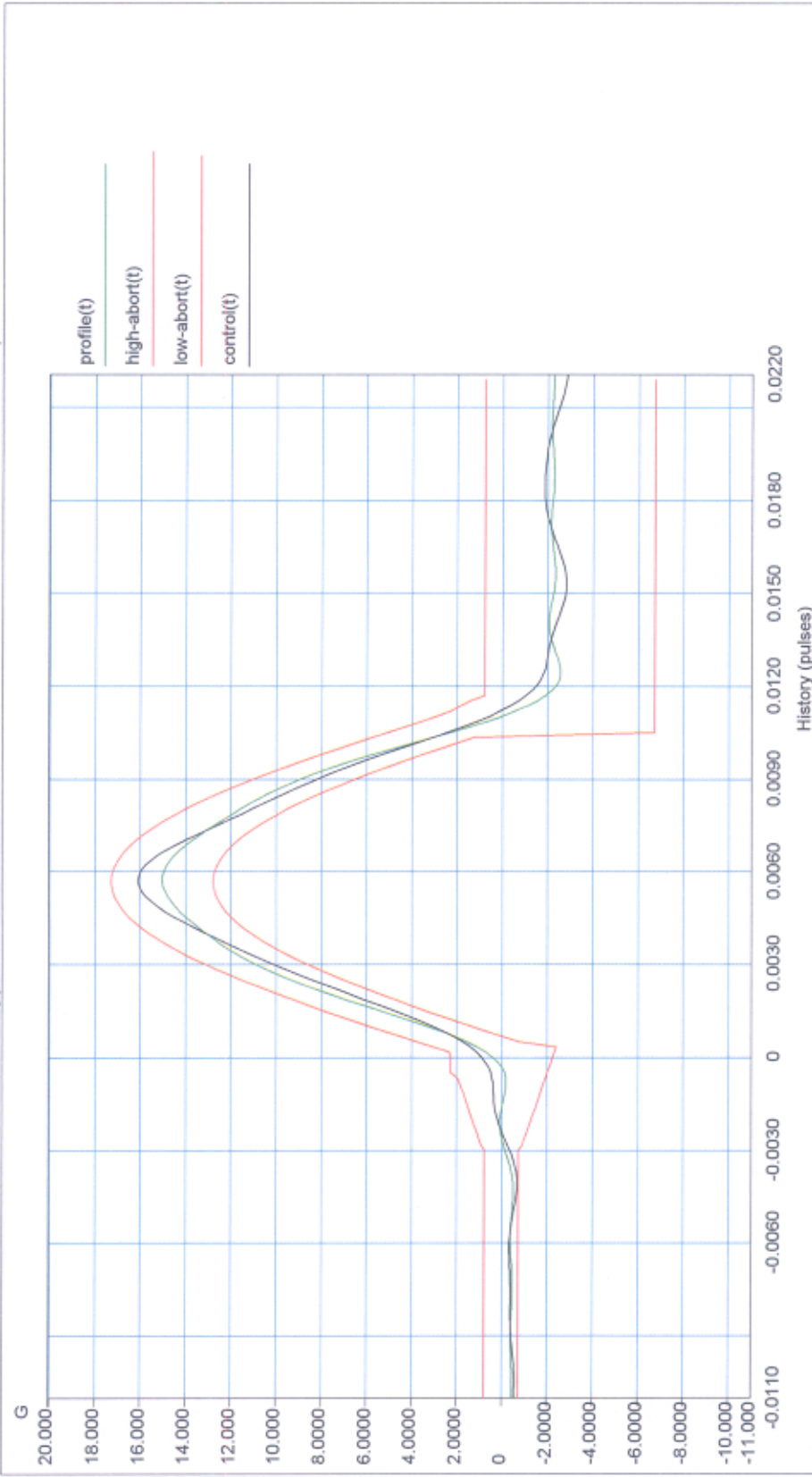


Level: 100 % Block Size: 4096 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 15.792160 G Control RMS: 1.501449 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms
 Data saved at 04:20:57 PM, Tuesday, March 11, 2003 Report created at 04:21:00 PM, Tuesday, March 11, 2003

AXIS Y ONYX-158

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 16:19:25



Level: 100 % Block Size: 4096 Elapsed Pulses: 11

Frame Time: 0.682667 Seconds Control Peak: 16.058247 G Control RMS: 1.500581 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0

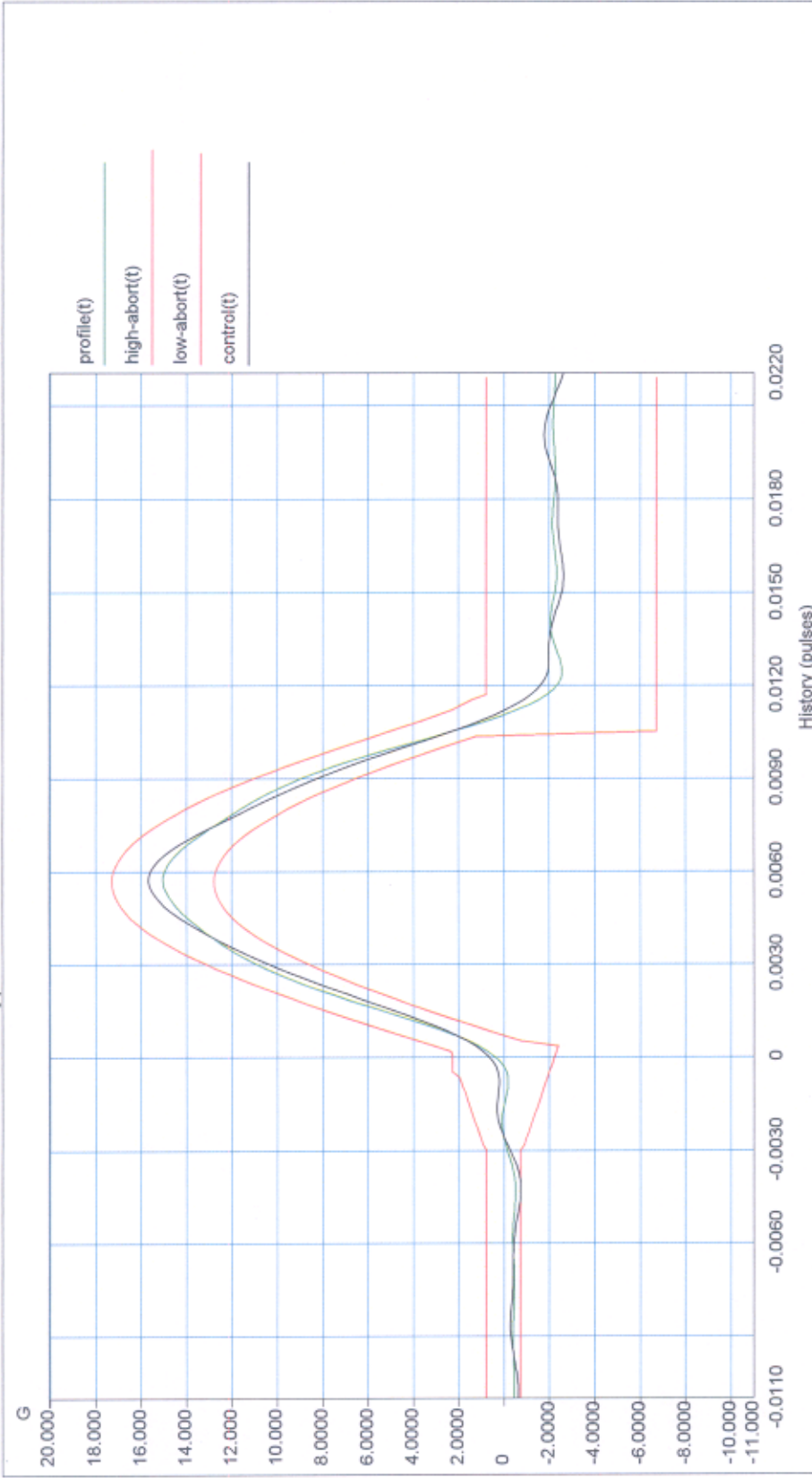
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 04:19:47 PM, Tuesday, March 11, 2003 Report created at 04:19:51 PM, Tuesday, March 11, 2003

AXIS -Y ONYX-158

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Mar 11, 2003 16-19-52

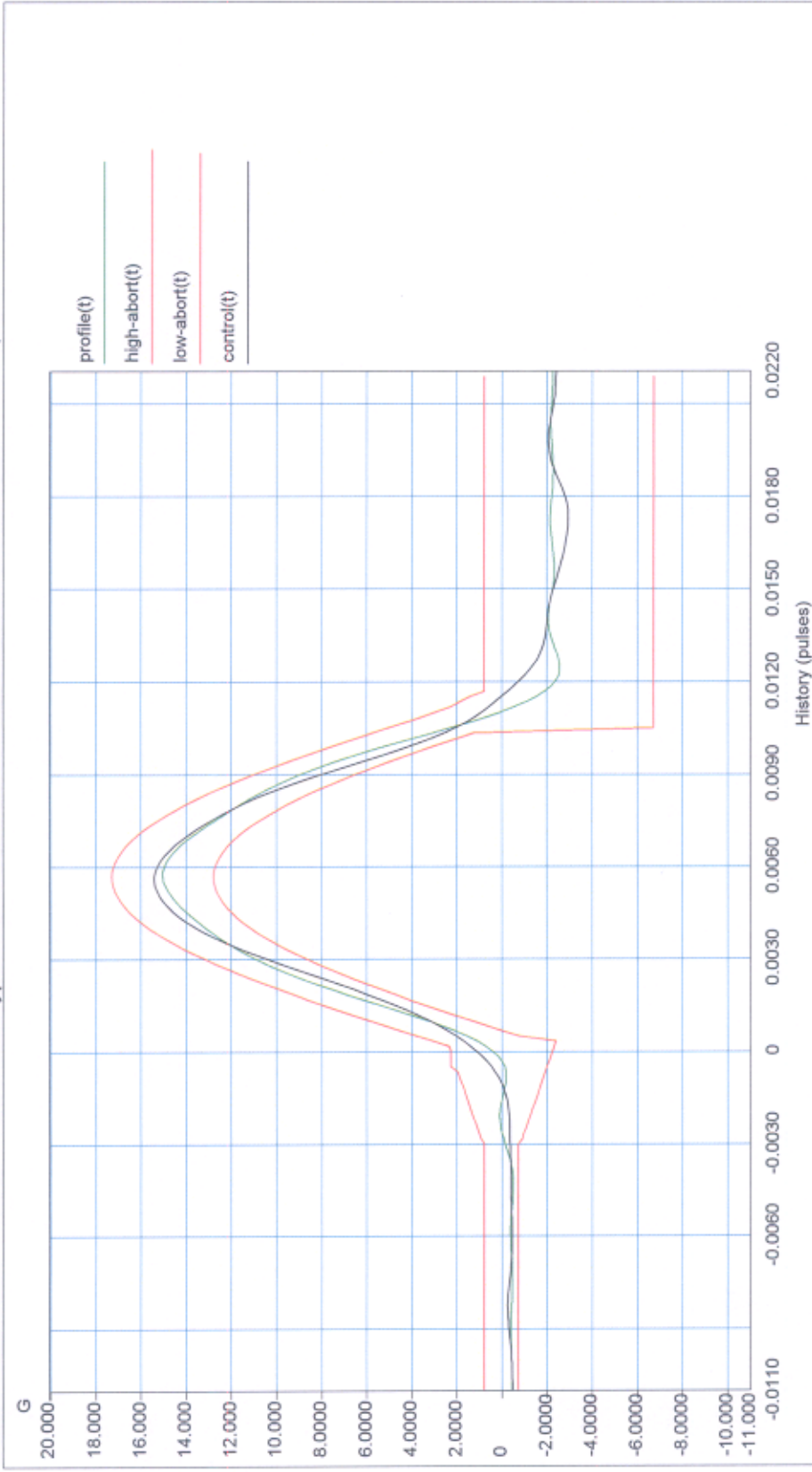


Level: 100 % Block Size: 4096 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.682667 Seconds Control Peak: 15.632744 G Control RMS: 1.494324 G
 dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms
 Report created at 04:20:20 PM, Tuesday, March 11, 2003

AXIS Z ONYX-158

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Mar 11,2003 15-56-18



Level: 100 % Block Size: 4096 Elapsed Pulses:11

Frame Time: 0.682667 Seconds Control Peak: 15.365481 G Control RMS: 1.514564 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0

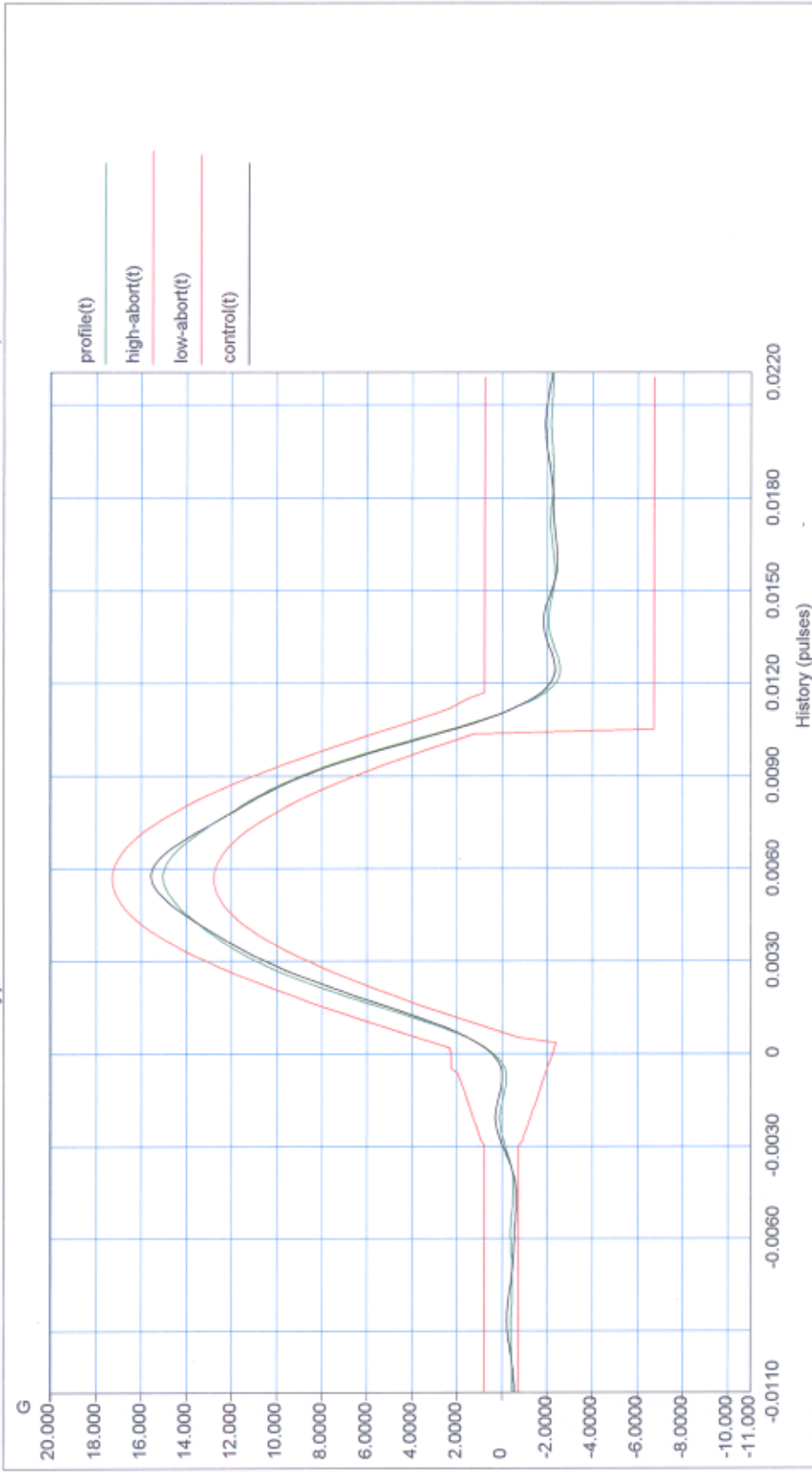
Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 03:56:42 PM, Tuesday, March 11, 2003 Report created at 03:56:45 PM, Tuesday, March 11, 2003

AXIS -Z ONYX-158

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15G 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Mar 11,2003 16-04-13



Level: 100 % Block Size: 4096 Elapsed Pulses:11

Frame Time: 0.682667 Seconds Control Peak: 15.512050 G Control RMS: 1.491919 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989828 G Demand RMS: 1.479623 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.989828 G Pulse Width: 11.000001 ms

Data saved at 04:04:38 PM, Tuesday, March 11, 2003 Report created at 04:04:41 PM, Tuesday, March 11, 2003