

TESTING / INSPECTION REPORT

REPORT NO : ST-100326-2

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SPECIMEN : FES-6110 (with SSD)
DATE OF RECEIVED : 2010/03/26
DATE OF TESTED : 2010/03/26

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

Test Engineer :	<i>Leason Chen</i>	
Approval Signatory :	<i>David Lee</i>	Laboratory Head : <i>Hsintai Chang</i>

2010.3.26.



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TESTING EQUIPMENT :

1. Shock Testing System : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054986
2. Controller : DACTRON FRONT-End Box, S/N:4529465
3. Accelerometer : B&K 4399, S/N:2158445

TEST ENVIRONMENT :

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

SPECIMEN :

- Model : FES-6110 (with SSD)
- Quantity : 1 piece

TEST SPECIFICATION :

- Shock Test (Operation)
- Wave Form : Half Sine
- Acceleration : 20 g
- Duration : 11 ms
- Shock Direction : ±X, ±Y, ±Z axis
- No. of Shock : Each axis 3 times

TEST RESULT :

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

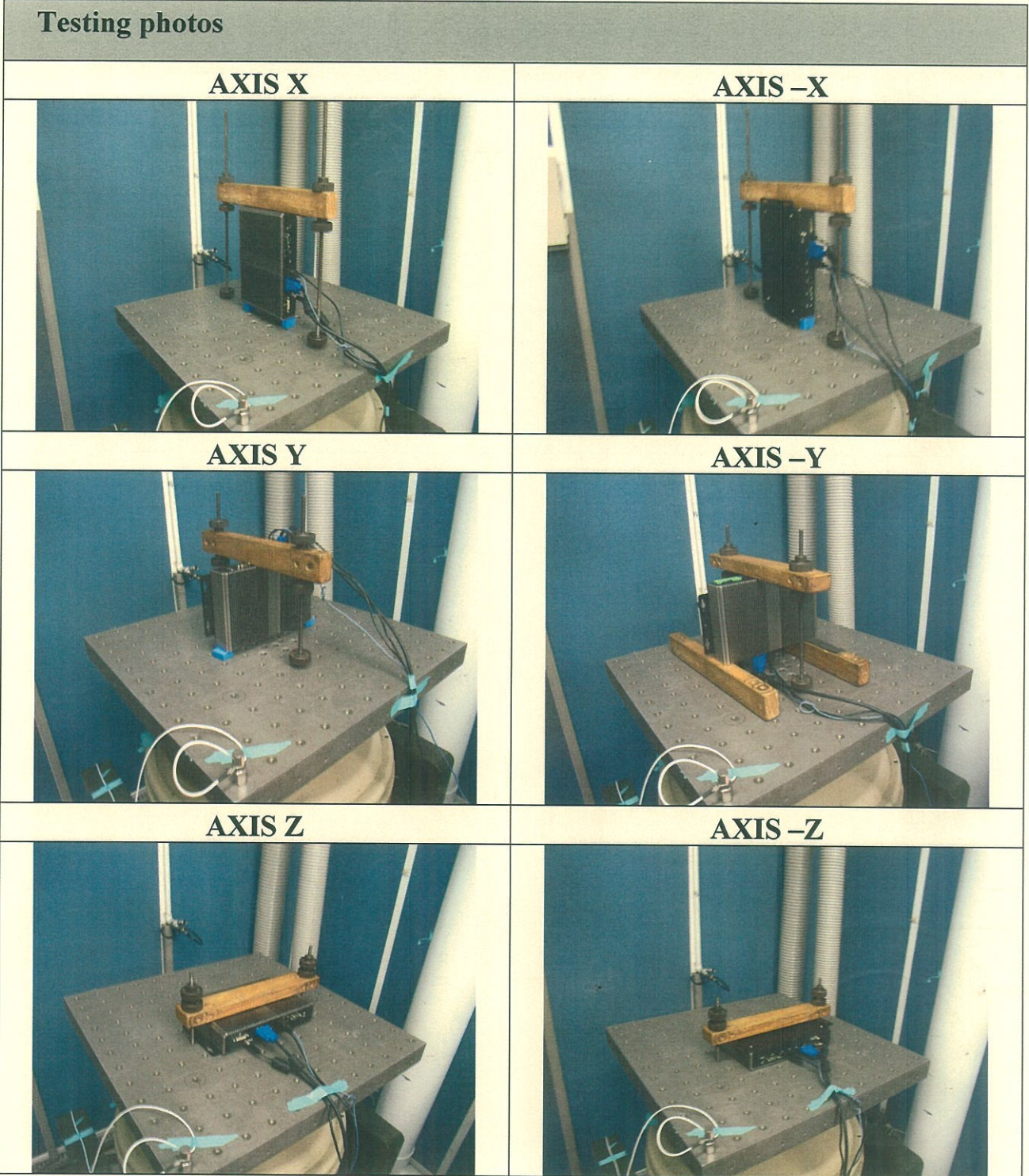
TESTING / INSPECTION REPORT

Testing photos

Before test



TESTING / INSPECTION REPORT



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Testing photos

After test



Axis X

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Mar 26,2010 14-25-18



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.341333 Seconds Control Peak: 20.500137 G Control RMS: 2.783668 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.688440 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 Data saved at 02:25:35 PM, Friday, March 26, 2010 Report created at 02:25:36 PM, Friday, March 26, 2010

Axis -X

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Mar 26, 2010 14-26-33

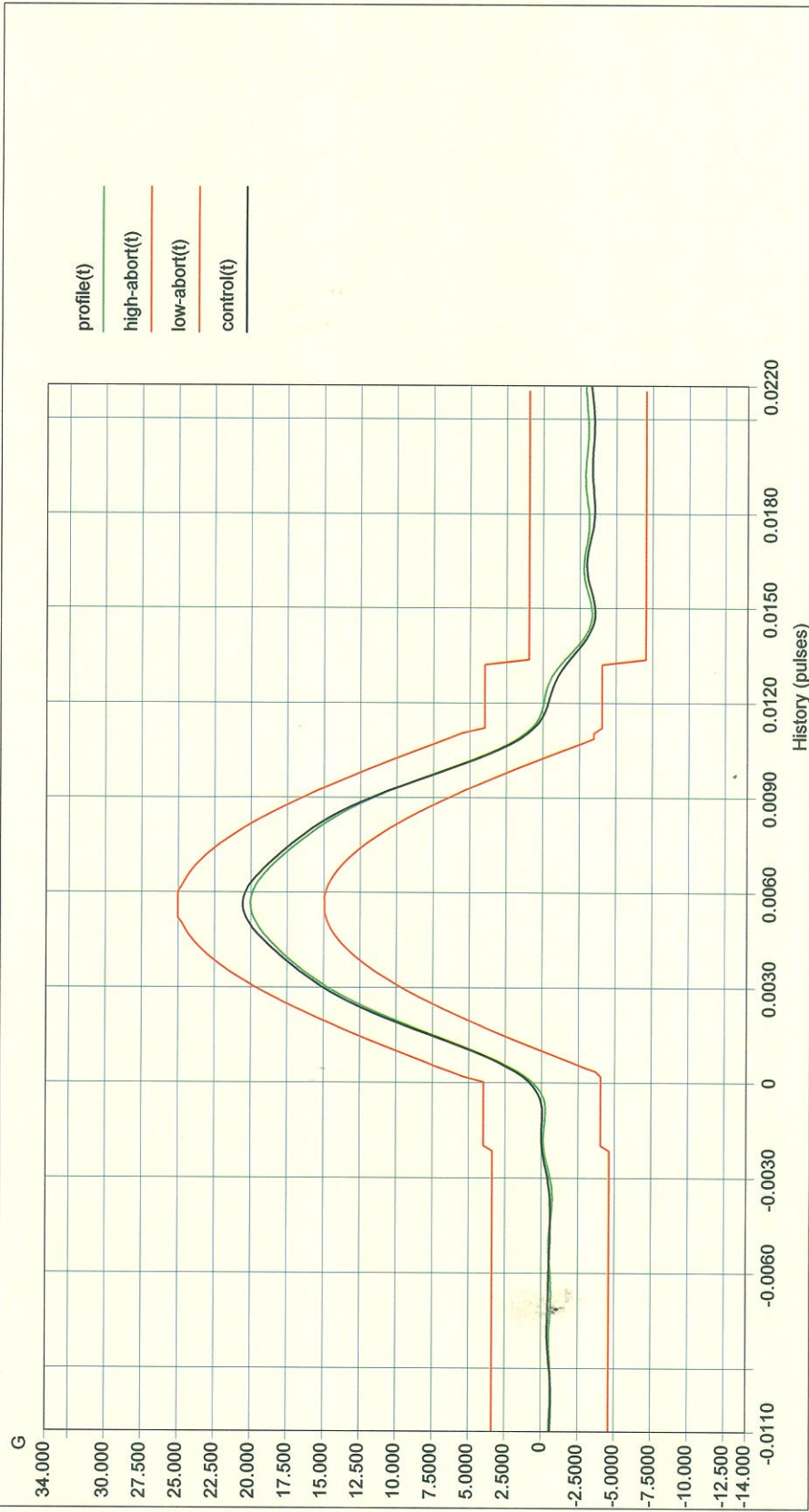


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.676294 G Control RMS: 2.783326 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.688440 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 Data saved at 02:26:50 PM, Friday, March 26, 2010 Report created at 02:26:51 PM, Friday, March 26, 2010

Axis Y

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Mar 26,2010 14-20-28

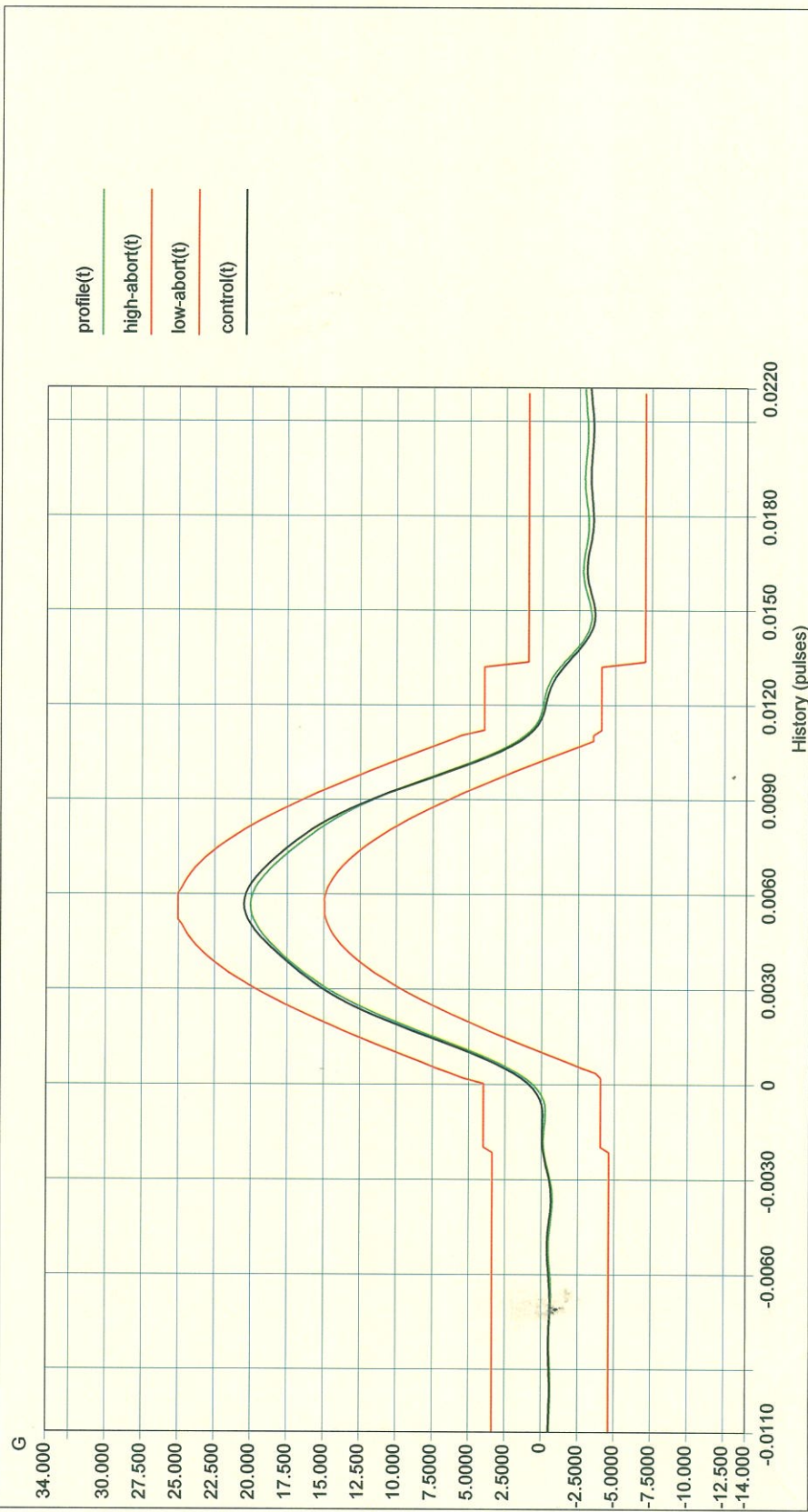


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.533211 G Control RMS: 2.784917 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.688440 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 Data saved at 02:20:45 PM, Friday, March 26, 2010 Report created at 02:20:46 PM, Friday, March 26, 2010

Axis -Y

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Mar 26,2010 14-22-09

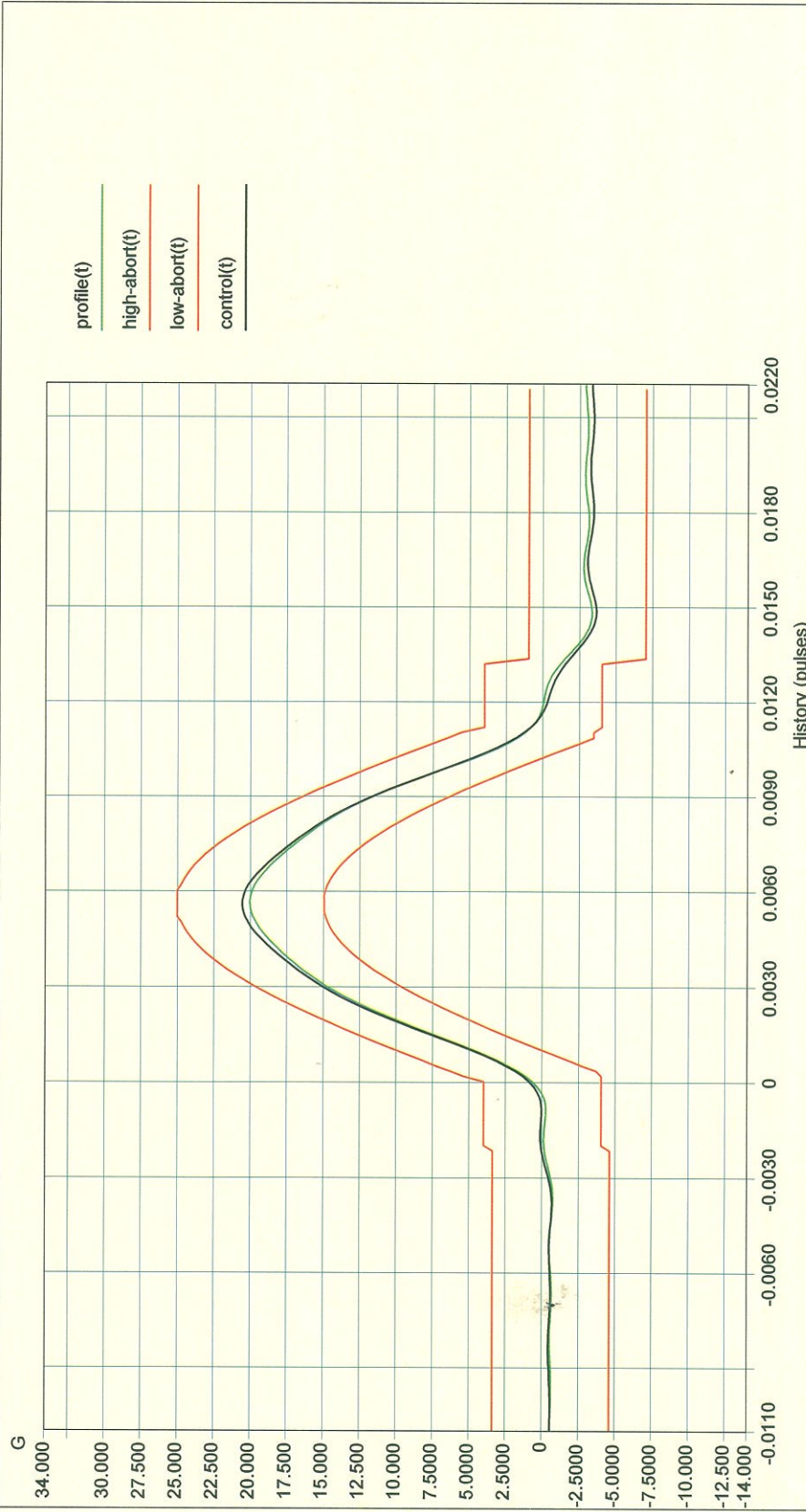


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.341333 Seconds Control Peak: 20.448380 G Control RMS: 2.782393 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.688440 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 Data saved at 02:22:26 PM, Friday, March 26, 2010 Report created at 02:22:27 PM, Friday, March 26, 2010

Axis Z

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Mar 26,2010 14-13-48

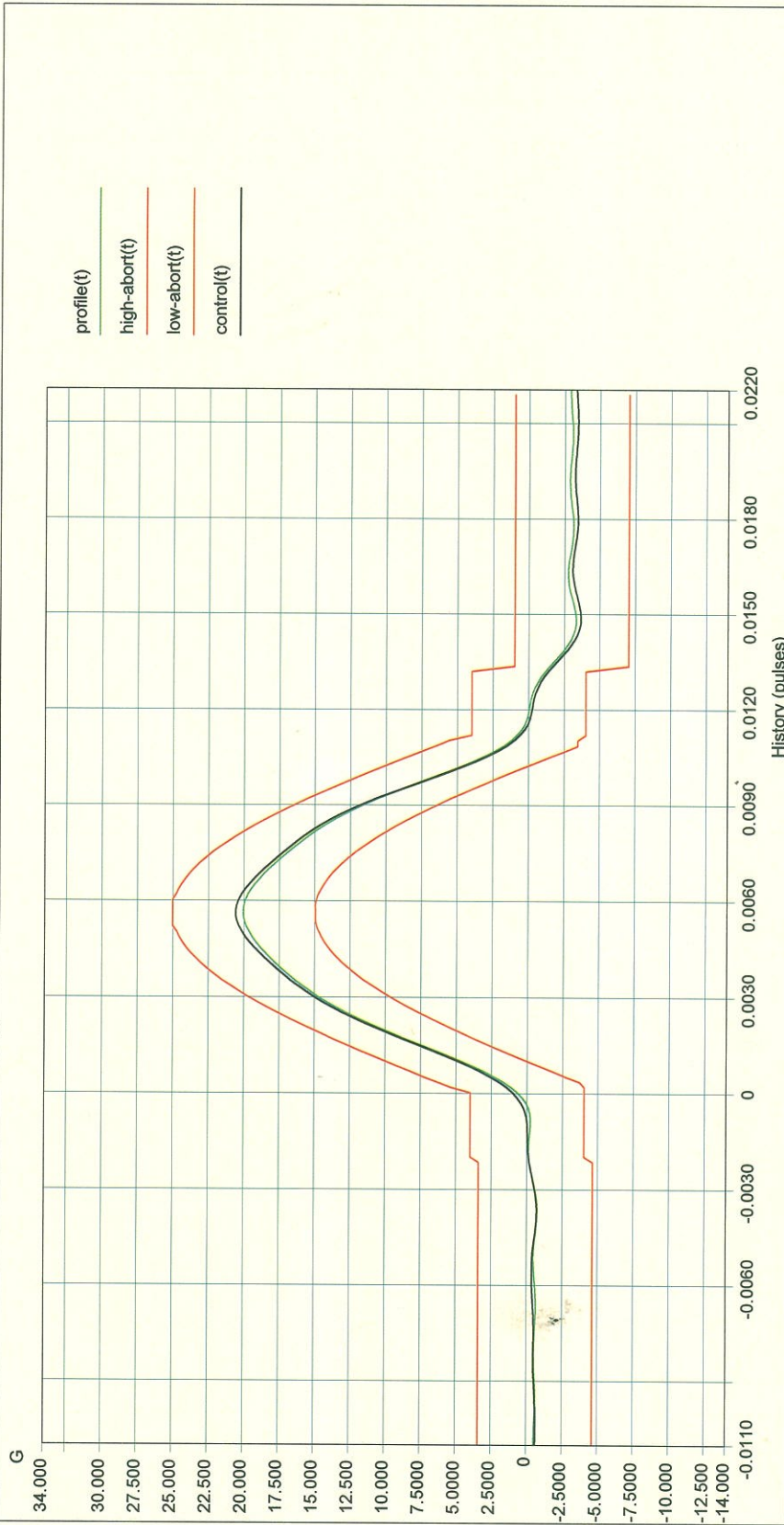


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.528500 G Control RMS: 2.781830 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.688440 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
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Axis -Z

Project File Name: 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Mar 26,2010 14-16-06



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 20.533905 G Control RMS: 2.784203 G
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 2.688440 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 02:17:52 PM, Friday, March 26, 2010 Report created at 02:17:54 PM, Friday, March 26, 2010

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