

## TESTING / INSPECTION REPORT

REPORT NO : ST-100223-3

COMPANY : AAEON Technology Inc.

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SPECIMEN : FWS-2300 (with 2.5"HDD)

DATE OF RECEIVED : 2010/02/23

DATE OF TESTED : 2010/02/23

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>Carson Chen</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Hsin Tai Chang</i>
<i>2010.2.24.</i>	





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### TESTING EQUIPMENT :

- 1.Shock Testing System : KING DESIGN DP-1200-60, S/N:KDS11054983  
 2.Controller : KD-1200-03C, S/N:KD674  
 3.Accelerometer : B&K 4398, S/N:2209044

### TEST ENVIRONMENT :

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

### SPECIMEN :

- Model : FWS-2300 (with 2.5"HDD)  
 Quantity : 1 piece

### TEST SPECIFICATION :

- Shock Test (Operation)  
 Wave Form : Half Sine  
 Acceleration : 15 g  
 Duration : 11 ms  
 Shock Direction : ±X, ±Y, ±Z axis  
 No. of Shock : Each axis 3 times

### TEST RESULT :

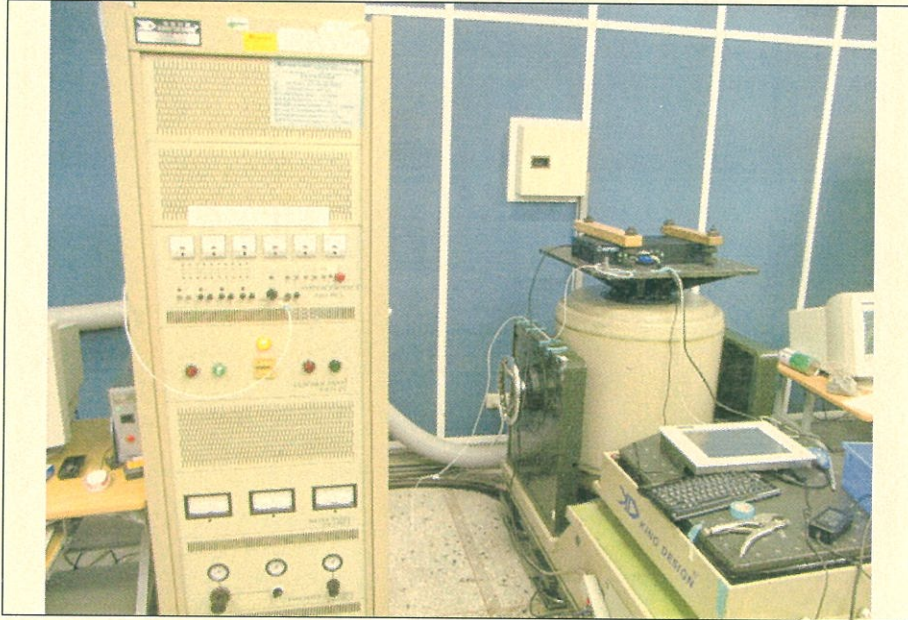
Describe	PASS	FAIL	Non-Judgment
Function judgment	---	---	√
Appearance check	---	---	√



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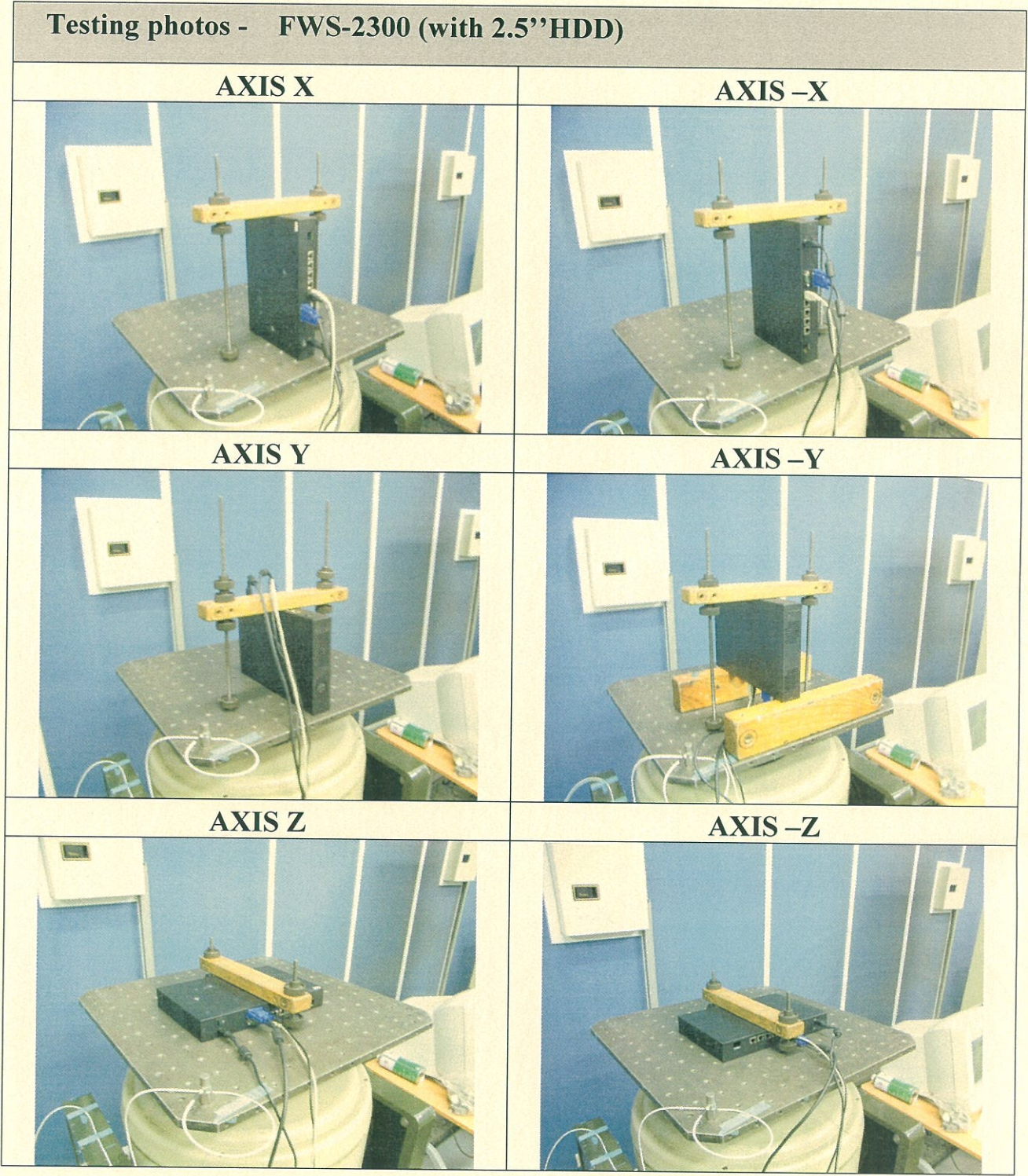
### Testing photos

#### Before test



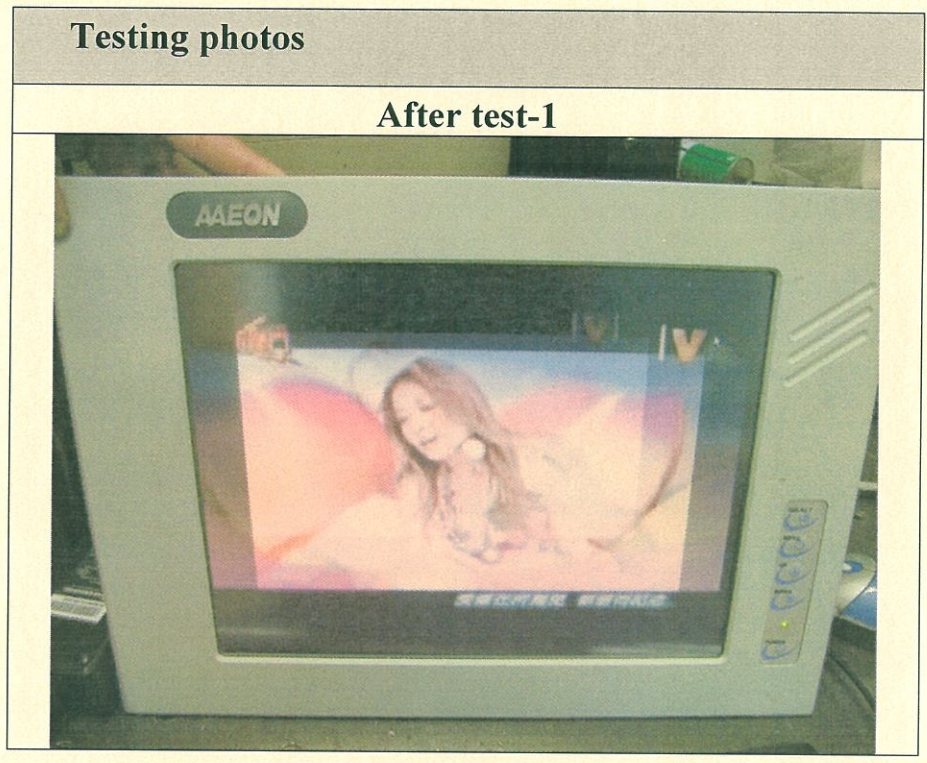


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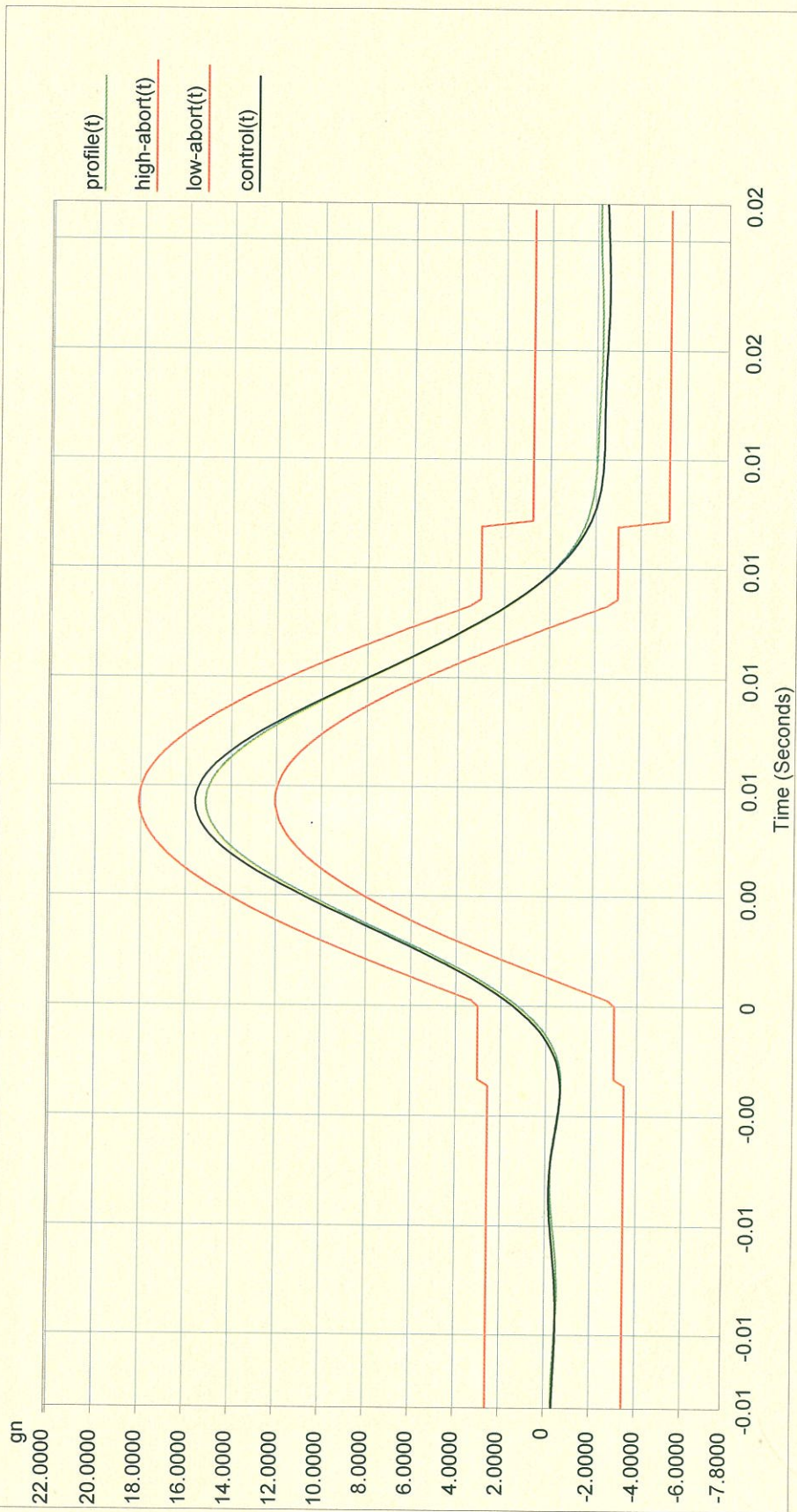




Axis X

Project File Name: 研揚 15g 11m.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 23, 2010 10-17-31



Level: 100 % Block Size: 2048 Elapsed Pulses: 15  
 Frame Time: 0.341333 Seconds Control Peak: 15.500704 Control RMS: 2.069787 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 15.045378 Demand RMS: 1.987008 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999

Data saved at 10:17:57 AM, Tuesday, February 23, 2010

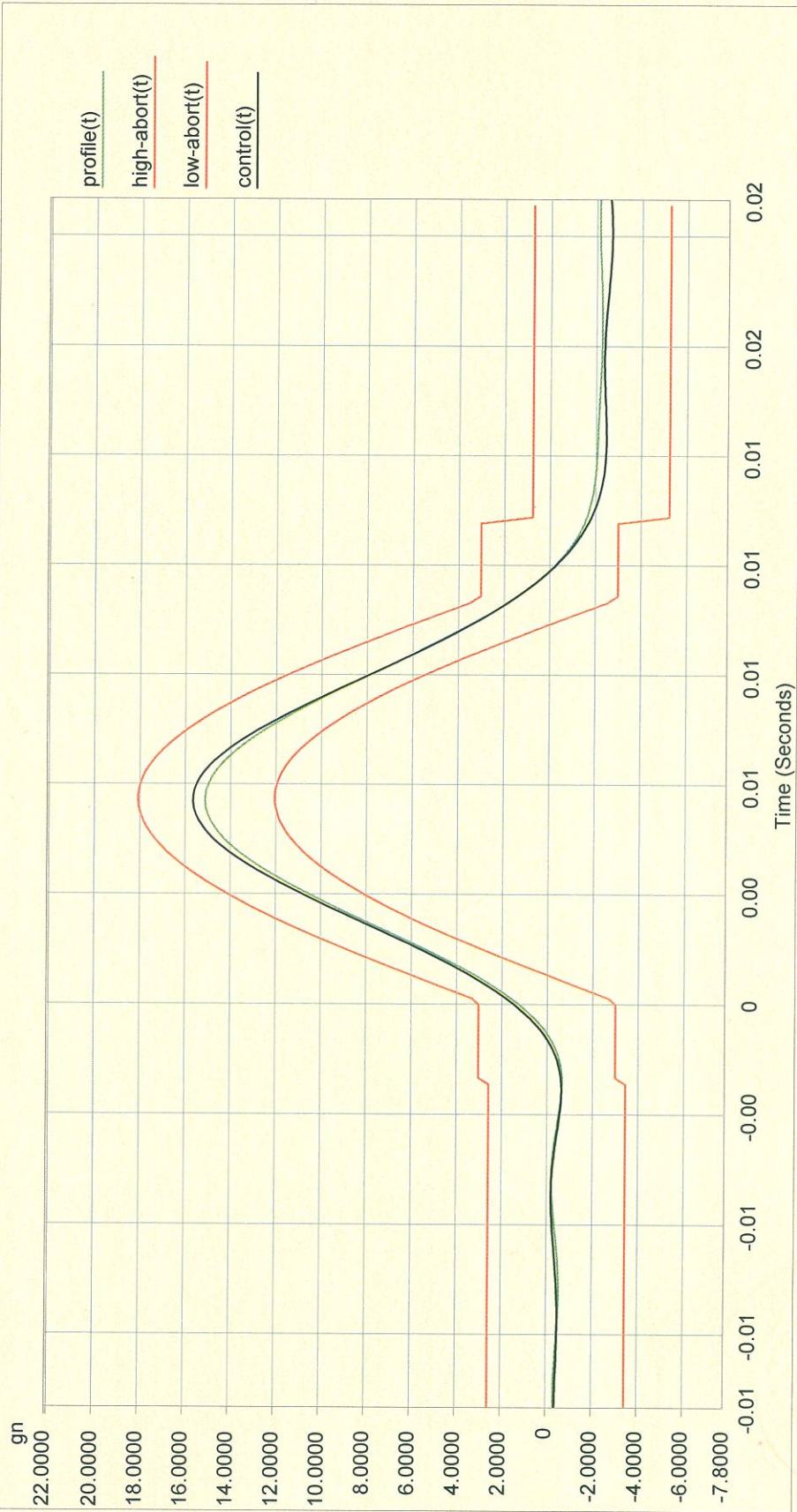
Report created at 10:17:58 AM, Tuesday, February 23, 2010



Axis -X

Project File Name: 研揚 15g 11m.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 23, 2010 10-19-26



Level: 100 % Block Size: 2048 Elapsed Pulses: 15  
 Frame Time: 0.341333 Seconds Control Peak: 15.568542 Control RMS: 2.074379 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 15.045378 Demand RMS: 1.987008 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999

Data saved at 10:19:52 AM, Tuesday, February 23, 2010

Report created at 10:19:53 AM, Tuesday, February 23, 2010

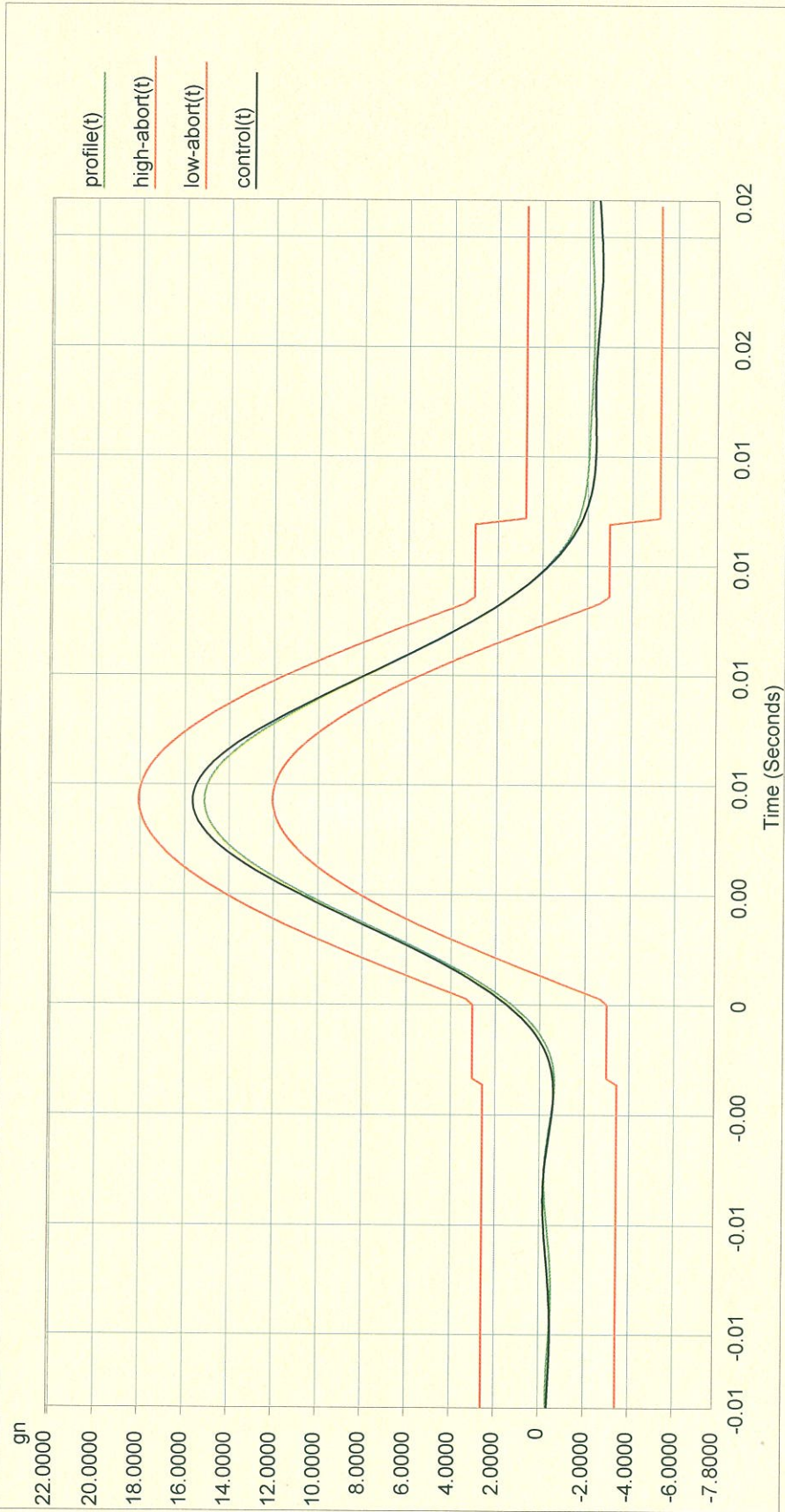




Axis Y

Project File Name: 研揚 15g 11m.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 23, 2010 10-27-07



Level: 100 % Block Size: 2048 Elapsed Pulses: 15

Frame Time: 0.341333 Seconds Control Peak: 15.555900 Control RMS: 2.070310 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 15.045378 Demand RMS: 1.987008 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999

Data saved at 10:27:33 AM, Tuesday, February 23, 2010

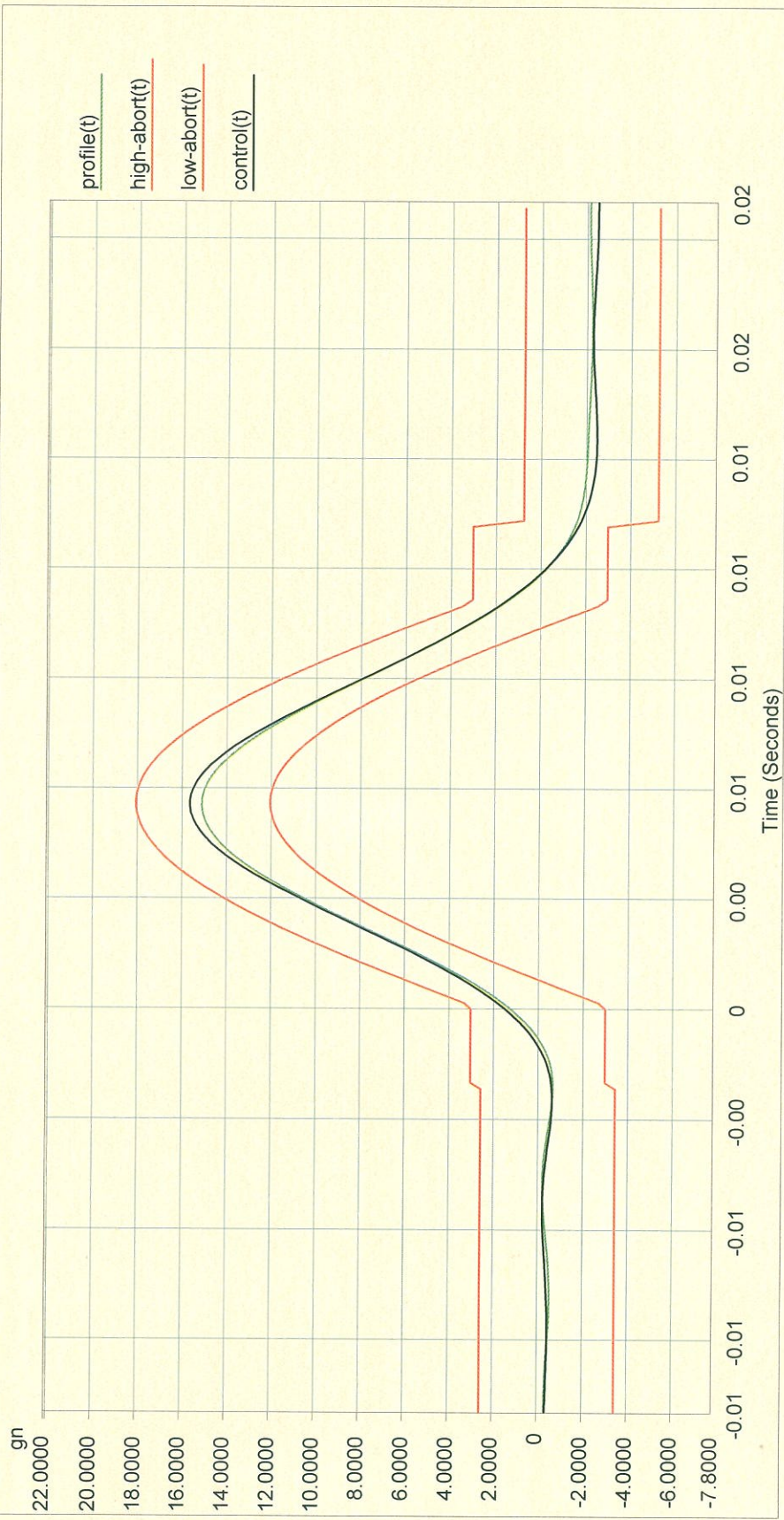
Report created at 10:27:34 AM, Tuesday, February 23, 2010



Axis -Y

Project File Name: 研揚 15g 11m.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 23, 2010 10-29-20



Level: 100 % Block Size: 2048 Elapsed Pulses: 15  
 Frame Time: 0.341333 Seconds Control Peak: 15.565215 Control RMS: 2.069829 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 15.045378 Demand RMS: 1.987008 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999

Data saved at 10:29:45 AM, Tuesday, February 23, 2010

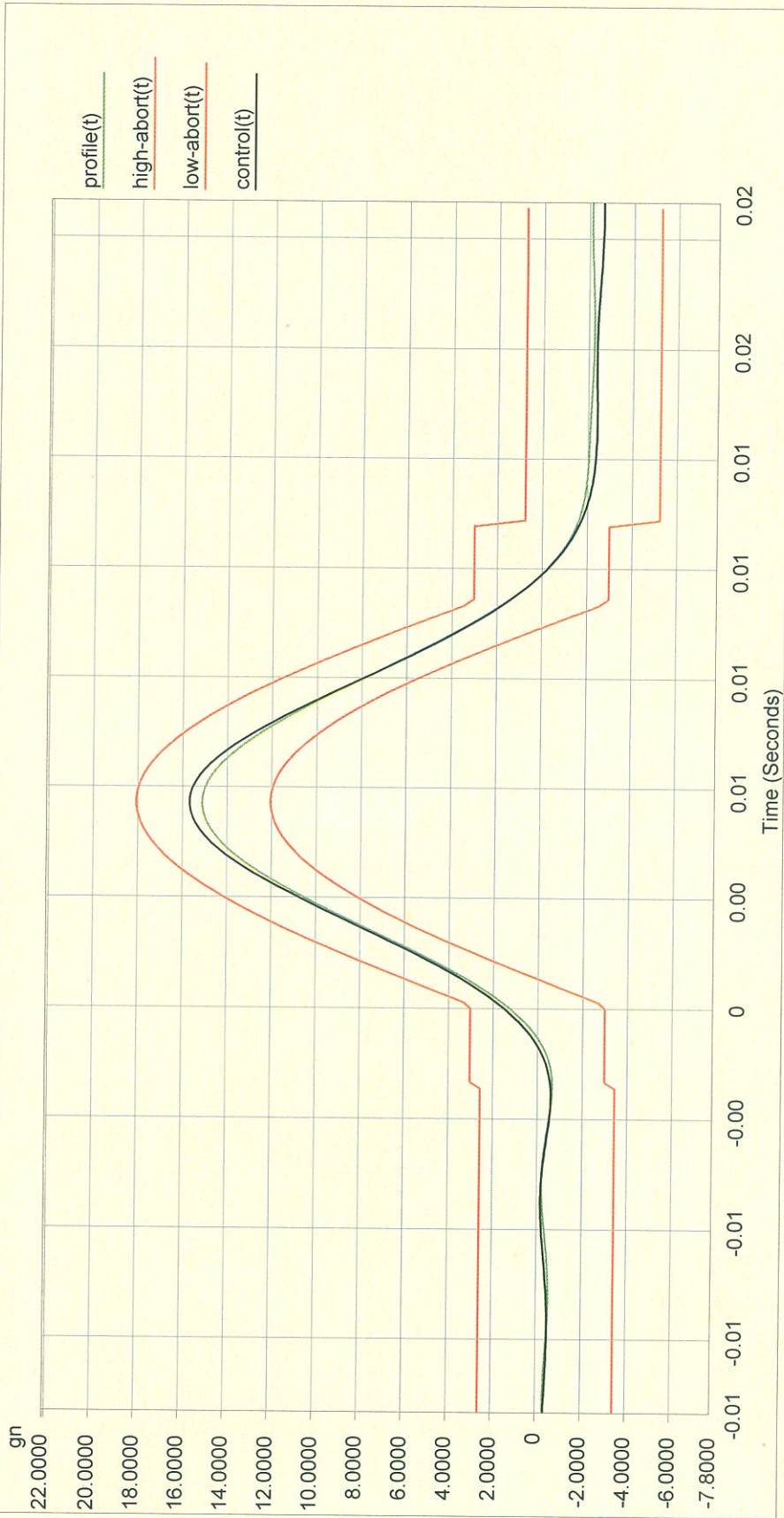
Report created at 10:29:46 AM, Tuesday, February 23, 2010



Axis Z

Project File Name: 研揚 15g 11m.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 23, 2010 10-13-05



Level: 100 % Block Size: 2048 Elapsed Pulses: 15  
 Frame Time: 0.341333 Seconds Control Peak: 15.588647 Control RMS: 2.071976 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 15.045378 Demand RMS: 1.987008 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999

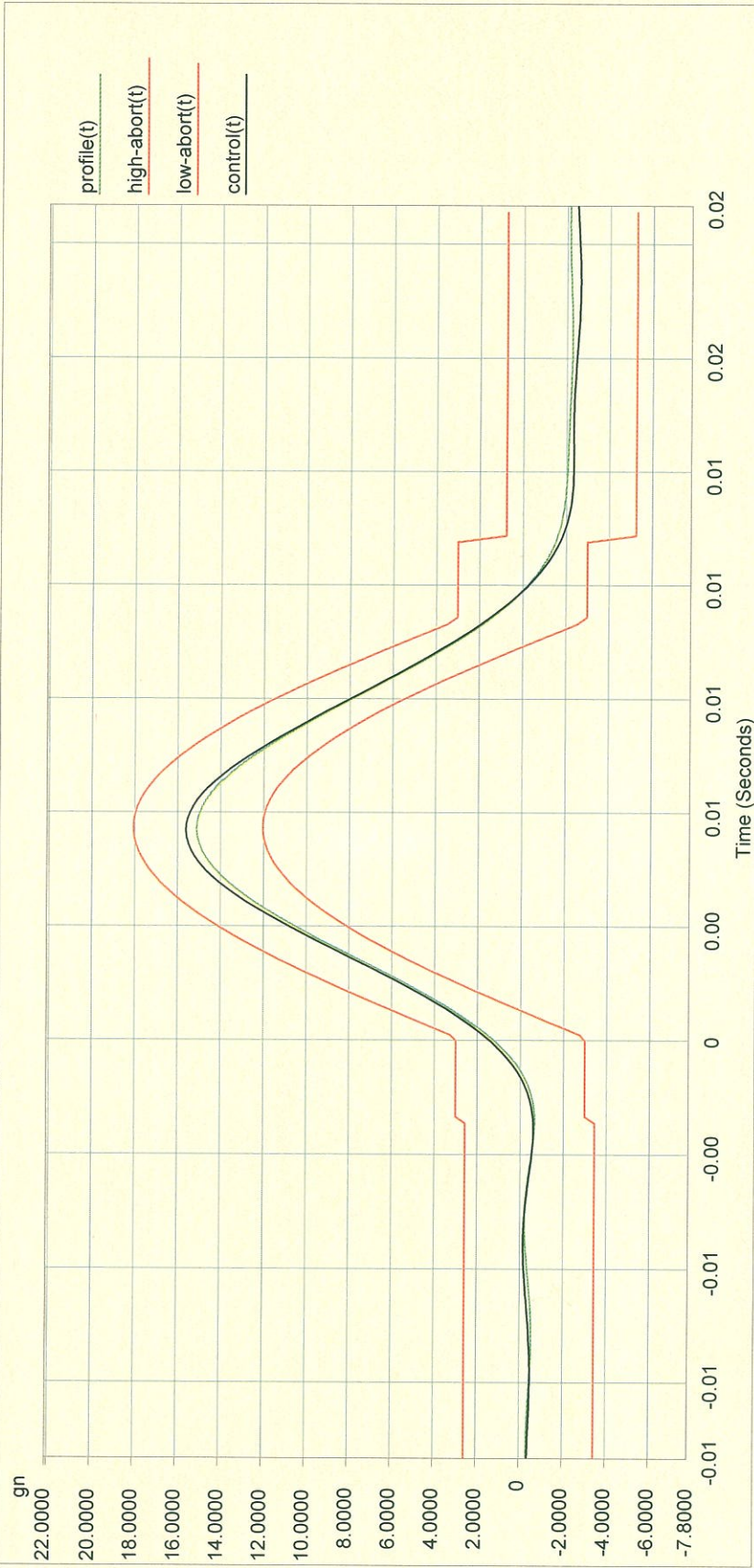
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Axis -Z

Project File Name: 研揚 15g 11m.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 23, 2010 10-14-39



Level: 100 % Block Size: 2048 Elapsed Pulses: 14  
 Frame Time: 0.341333 Seconds Control Peak: 15.537271 Control RMS: 2.069773 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 15.045378 Demand RMS: 1.987008 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999

Data saved at 10:15:03 AM, Tuesday, February 23, 2010

Report created at 10:15:04 AM, Tuesday, February 23, 2010

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