

## TESTING / INSPECTION REPORT

REPORT NO : ST-070702-1

COMPANY : AAEON Technology Inc.  
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SPECIMEN : ONYX-150 (with HDD)  
DATE OF RECEIVED : 06/20/07  
DATE OF TESTED : 06/20/07

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

Test Engineer :	<i>Angus Wu</i>	
Approval Signatory :	<i>David Lee</i>	Laboratory Head :
		<i>Jason Shih</i>





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### TEST ENVIRONMENT :

1. Shock Tester : KING DESIGN KD-9363EM-600F2K-50N120,  
S/N : KDS11054986
2. Controller : DACTRON FRONT-End Box, S/N: 4529465
3. Control Accelerometer : Wilcoxon Research WR-777, S/N: 3425

### TEST ENVIRONMENT :

- Temperature :  $25 \pm 10^{\circ}\text{C}$
- Relative Humidity :  $60 \pm 20\% \text{ RH}$

### SPECIMEN :

- Model : ONYX-150 (with HDD)
- Quantity : 1 piece

### TEST SPECIFICATION :

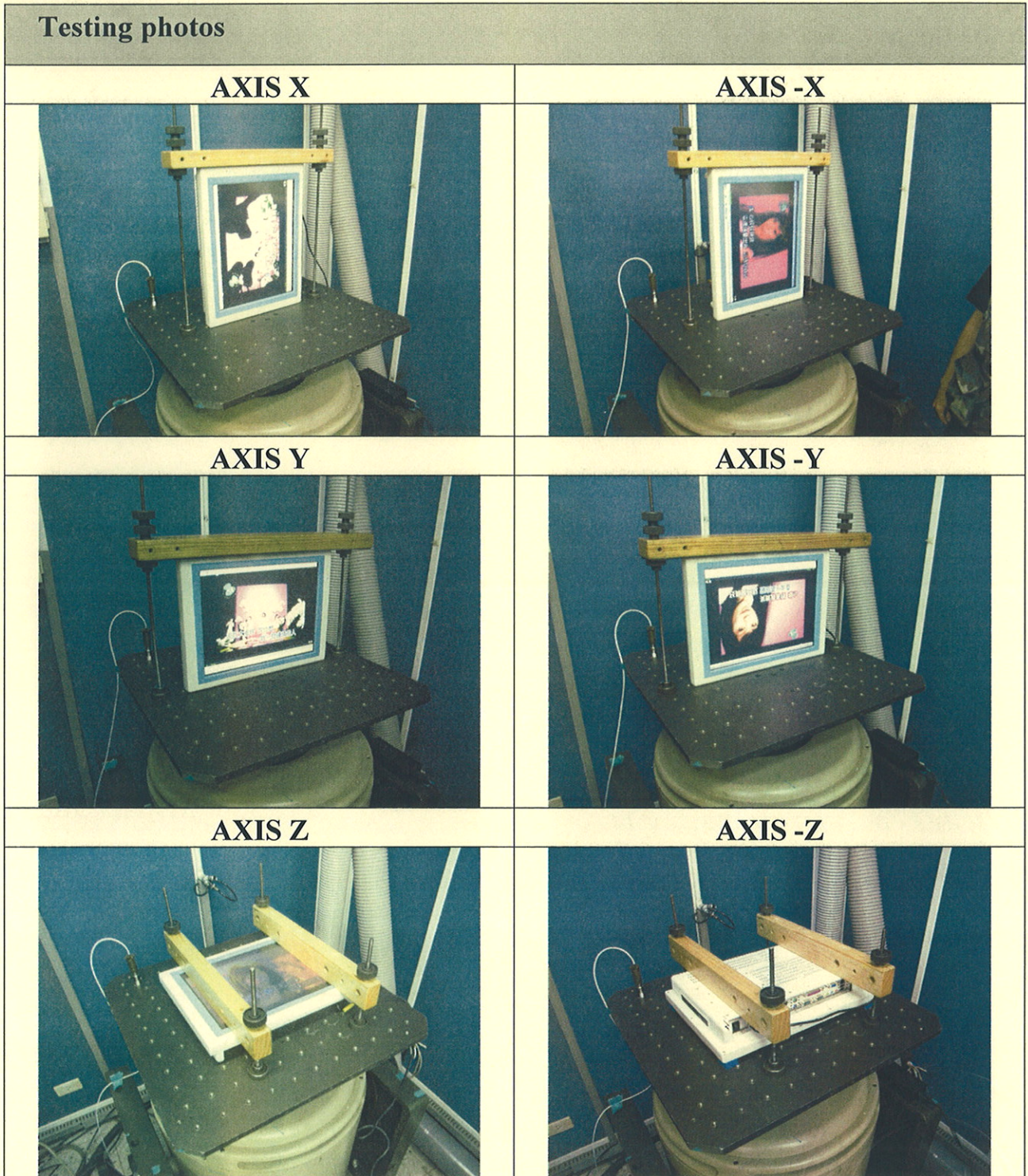
- Wave Form : Half sine wave
- Acceleration : 15 g
- Duration Time : 11 ms
- No. of Shock : Each axis 3 times
- Shock Direction :  $\pm X$ ,  $\pm Y$ ,  $\pm Z$  axis

### TEST RESULT :

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



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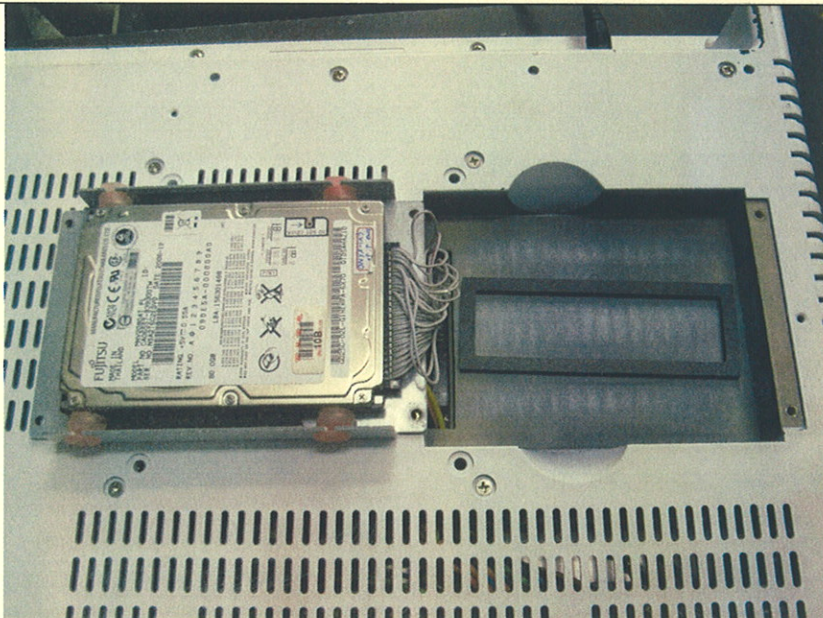




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### Testing photos

#### After test

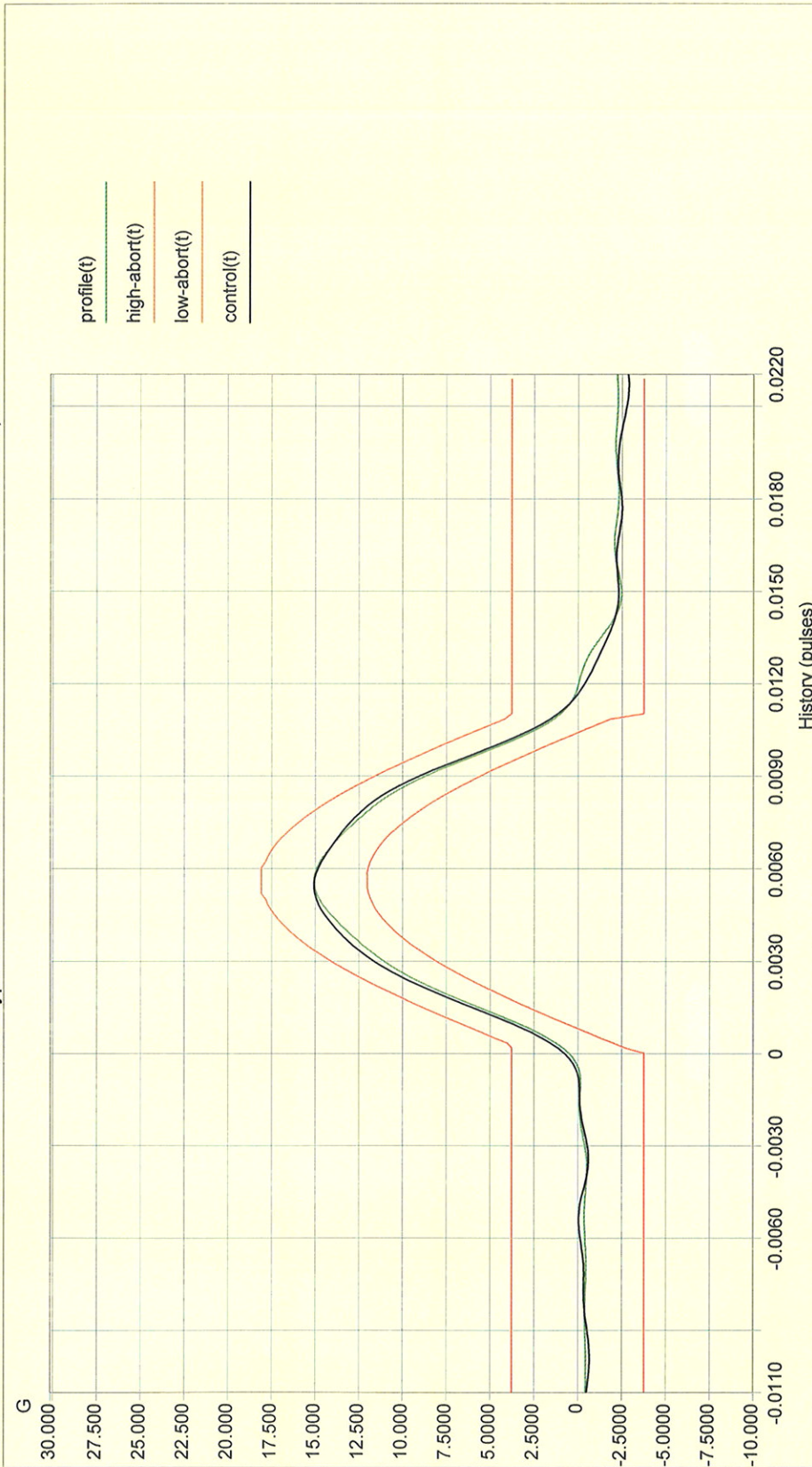




Axis X

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jun 20,2007 10-46-28



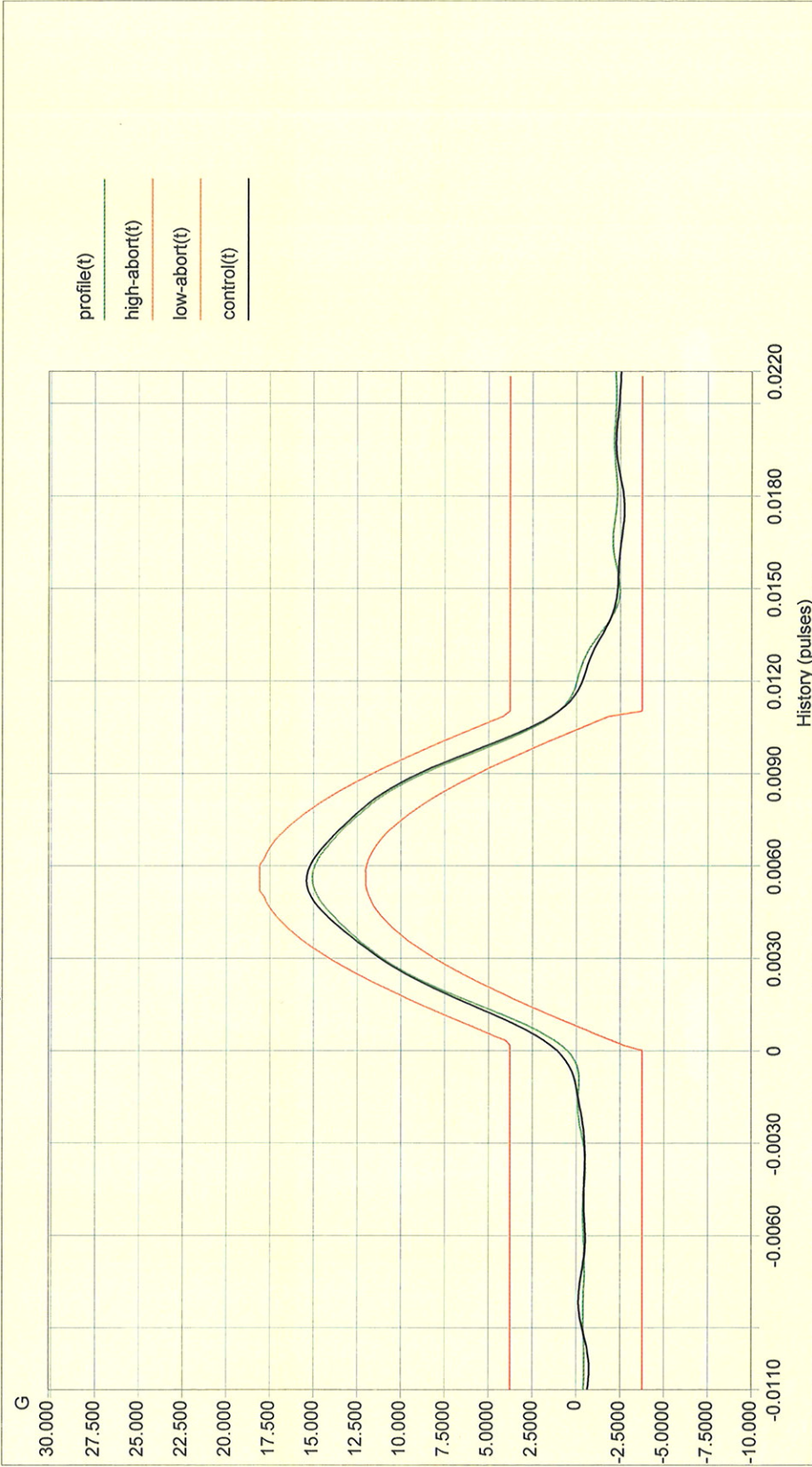
Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 14.983906 G  
 Control RMS: 2.085317 G Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 G  
 Demand RMS: 2.011591 G Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 10:46:52 AM, Wednesday, June 20, 2007 Report created at 10:46:52 AM, Wednesday, June 20, 2007



Axis -X

Project File Name: 研場 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jun 20,2007 10-49-14



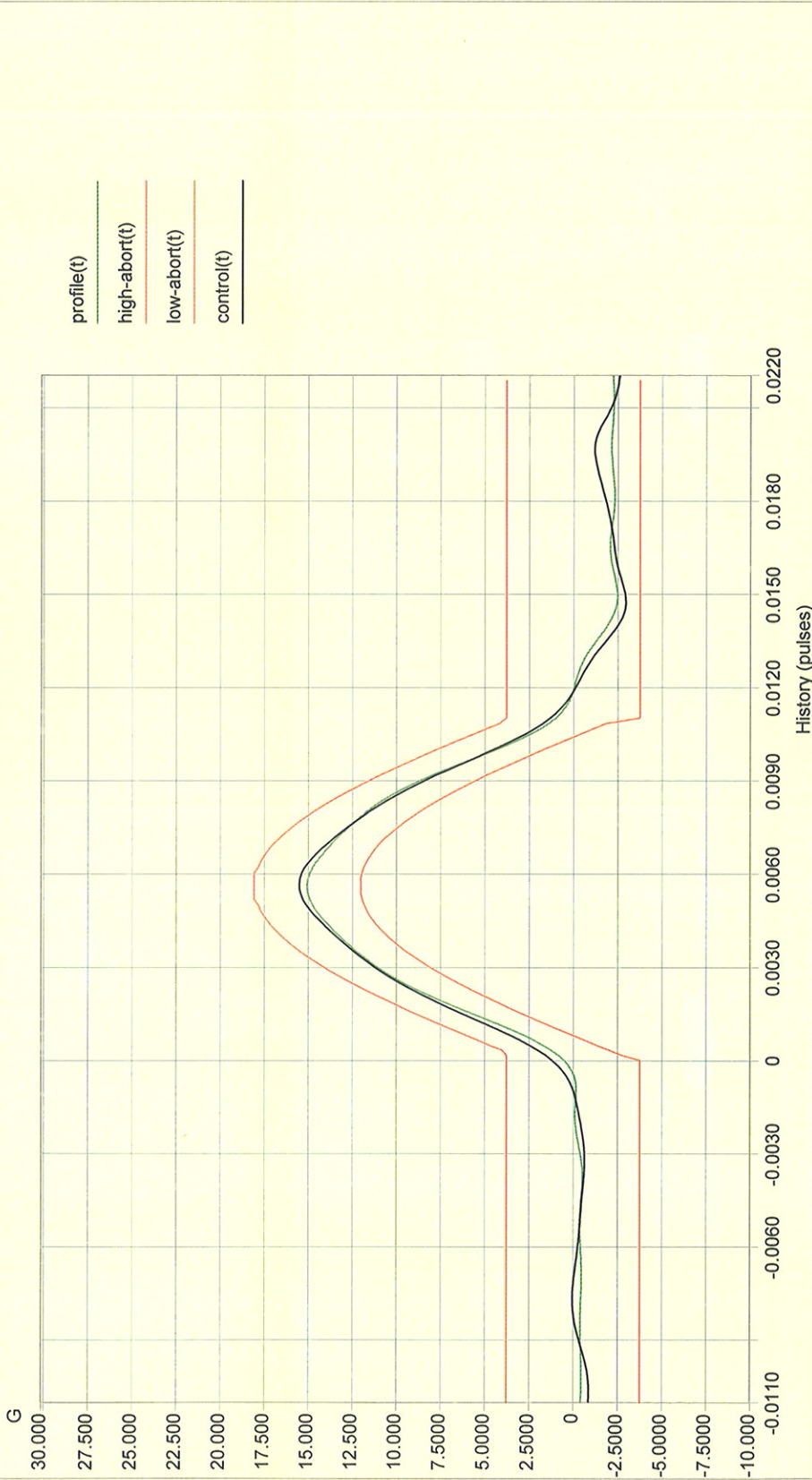
Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 15.319005 G Control  
 RMS: 2.082222 G Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G  
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 10:49:38 AM, Wednesday, June 20, 2007 Report created at 10:49:38 AM, Wednesday, June 20, 2007



Axis Y

Project File Name: 研場 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jun 20,2007 11-05-09



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 15.426612 G Control

RMS: 2.091754 G Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591

G Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

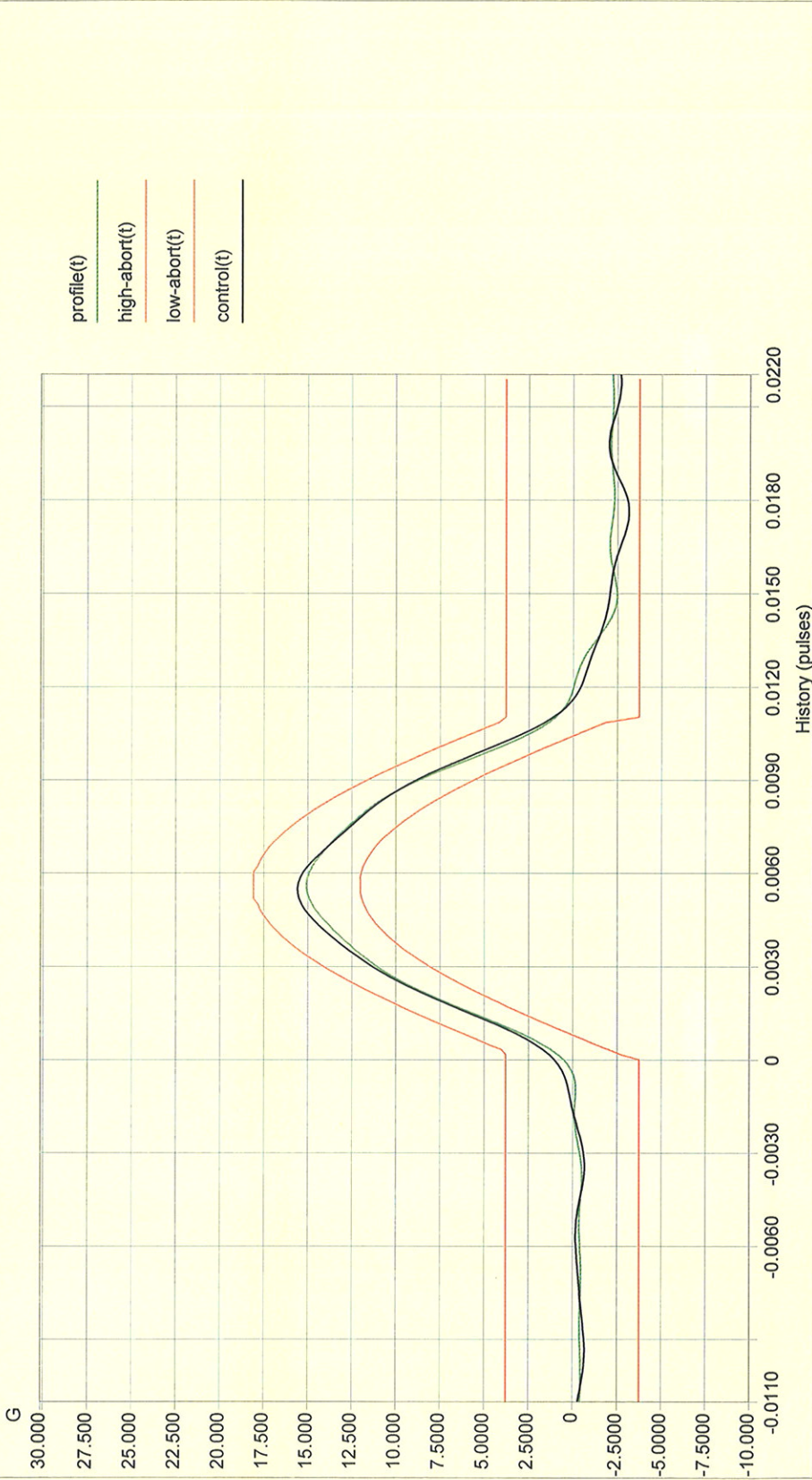
Data saved at 11:05:34 AM, Wednesday, June 20, 2007 Report created at 11:05:35 AM, Wednesday, June 20, 2007



Axis -Y

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jun 20,2007 10-44-19



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 15.493173 G Control

RMS: 2.083956 G Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G

Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

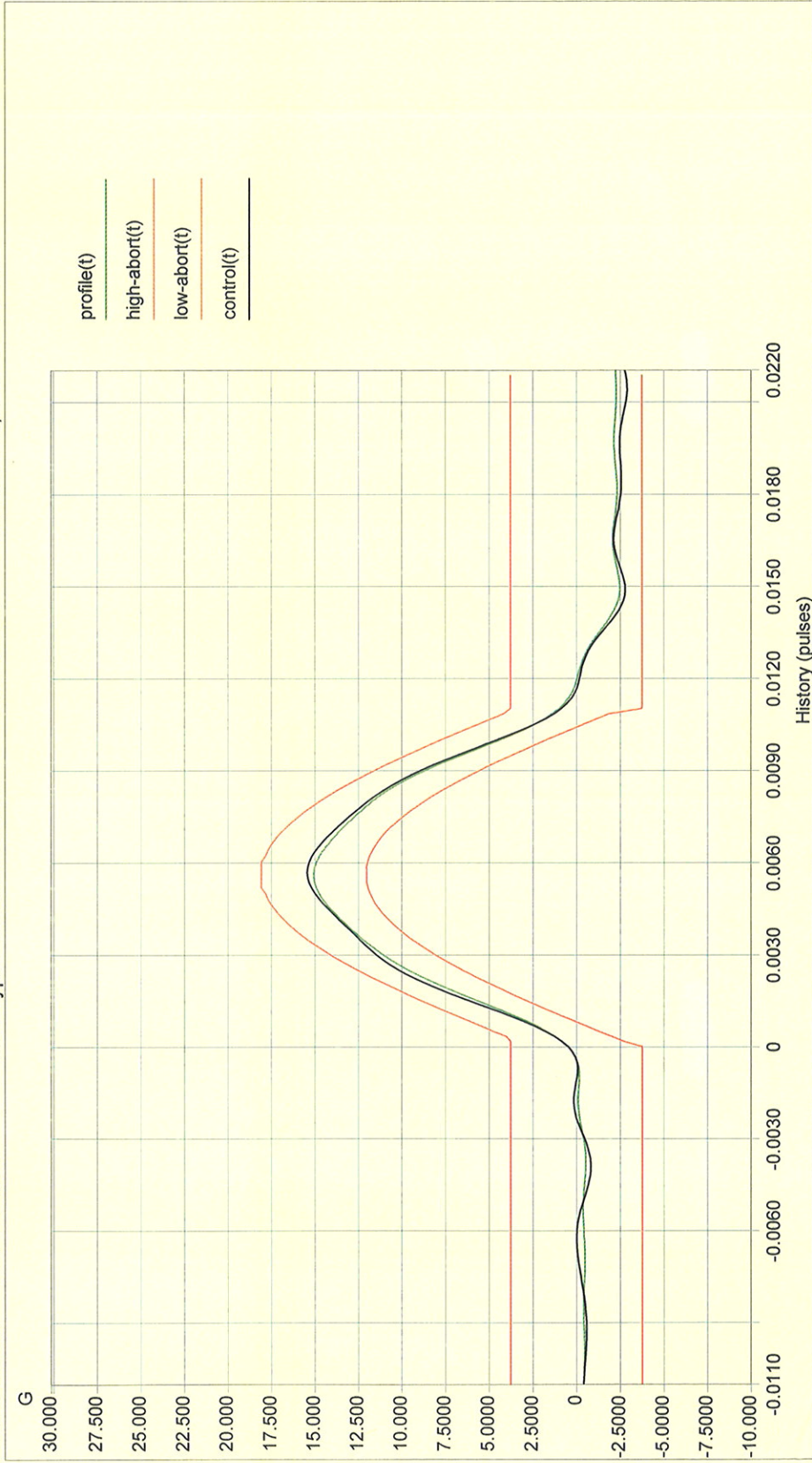
Data saved at 10:44:43 AM, Wednesday, June 20, 2007 Report created at 10:44:43 AM, Wednesday, June 20, 2007



Axis Z

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jun 20,2007 10-39-46



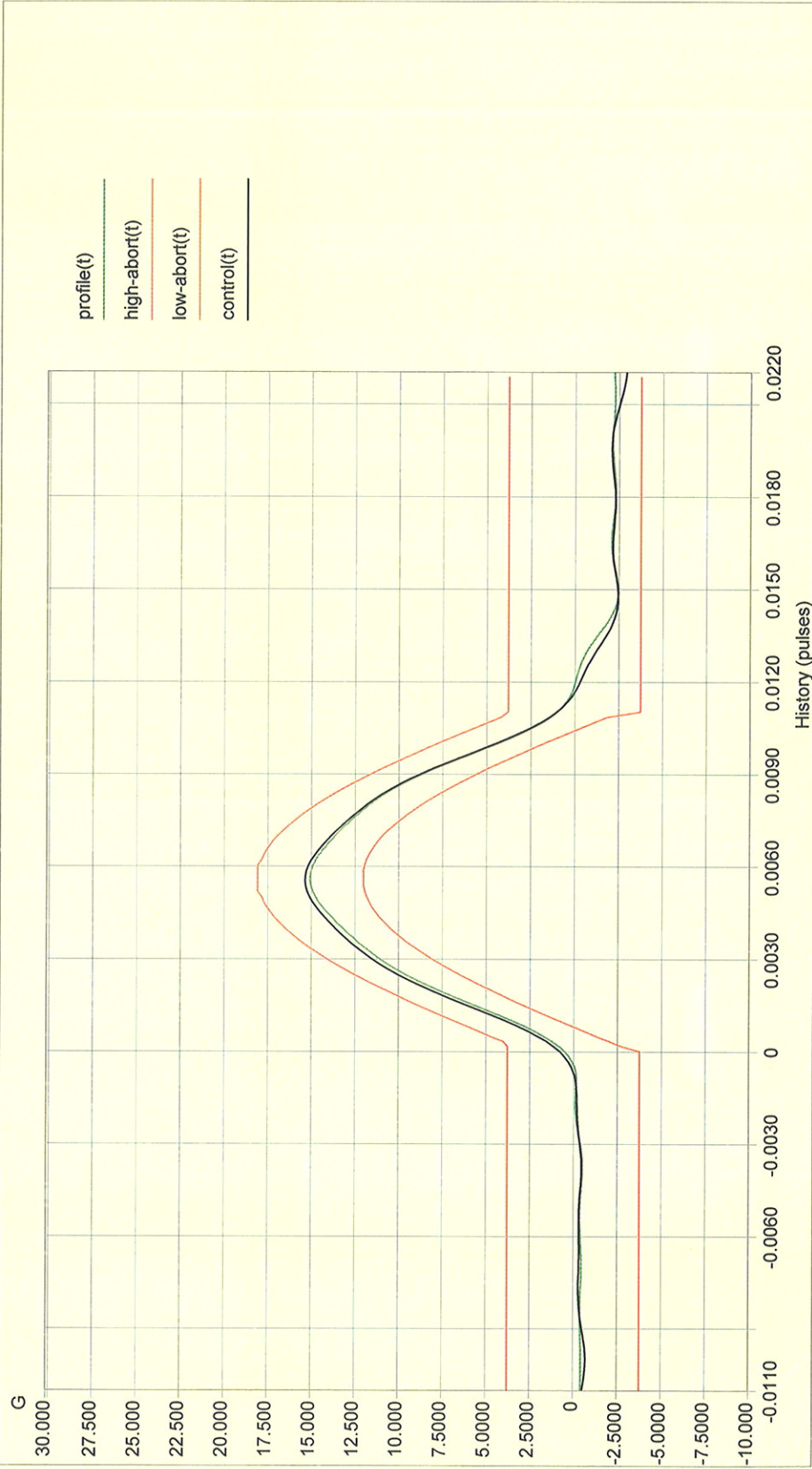
Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 15.348357 G Control  
 RMS: 2.090039 G Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G  
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 10:40:10 AM, Wednesday, June 20, 2007 Report created at 10:40:11 AM, Wednesday, June 20, 2007



Axis -Z

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jun 20, 2007 10-41-51



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 15.269599 G  
 Control RMS: 2.087782 G Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.011591 G  
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 10:42:14 AM, Wednesday, June 20, 2007 Report created at 10:42:15 AM, Wednesday, June 20, 2007