

TESTING / INSPECTION REPORT

REPORT NO : ST-071017-2

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 SPECIMEN : AVR-3000(with CFD and HDD)
 DATE OF RECEIVED : 2007/10/11
 DATE OF TESTED : 2007/10/11

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>Lynn Chen</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Jason Shih</i>



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TEST ENVIRONMENT :

- 1.Vibration 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 : 26°C (25±10°C)
- Relative Humidity : 66%RH (60±20% RH)

SPECIMEN :

- Model : AVR-3000(with CFD and HDD)
- Quantity : 1 piece

TEST SPECIFICATION :

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

TEST RESULT :

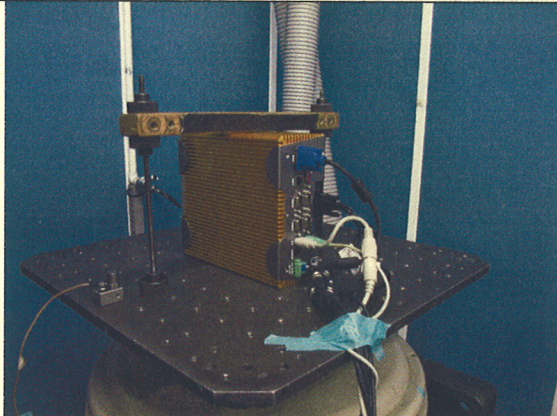
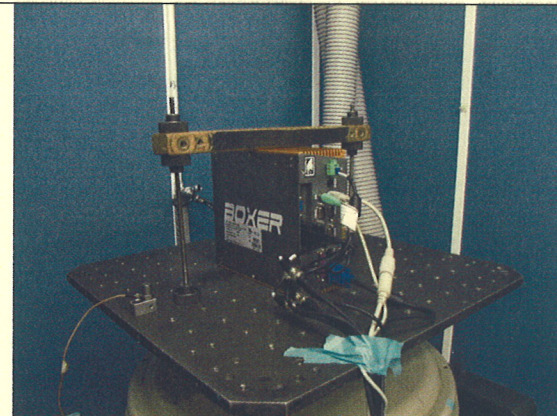
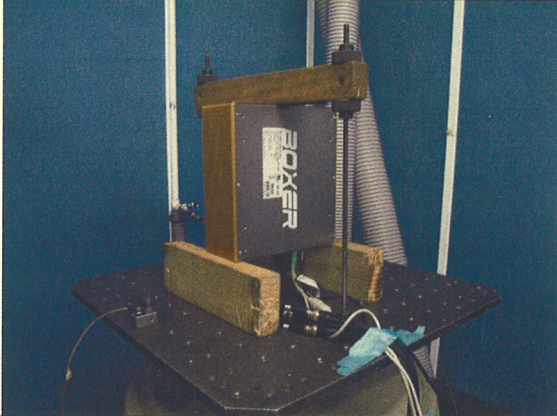
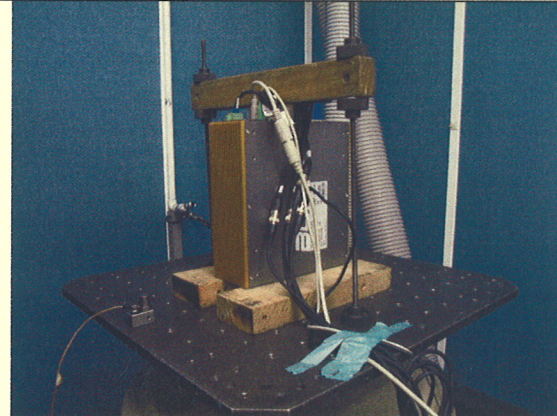
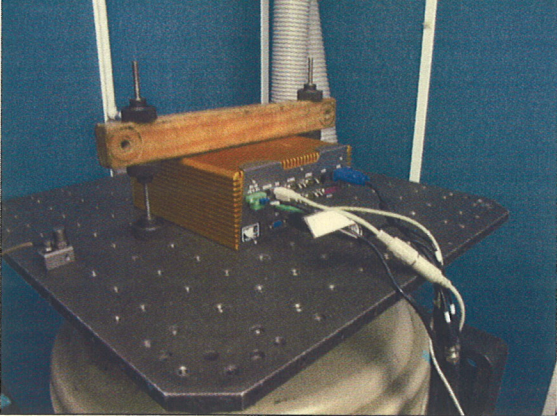
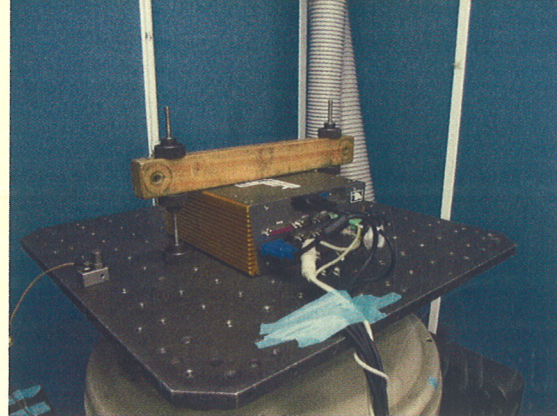
Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

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Testing photos



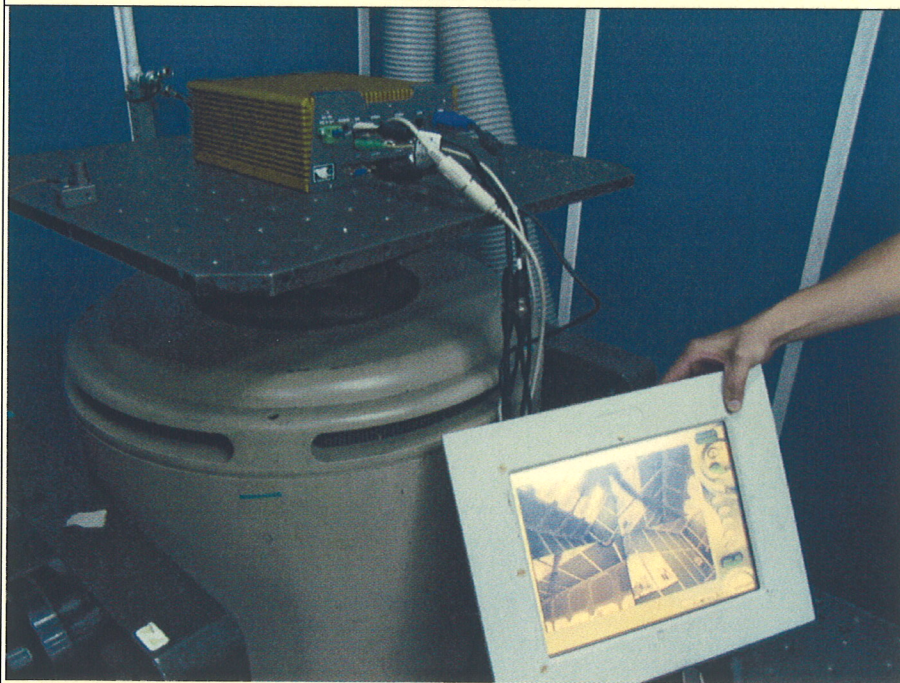
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Testing photos(Operation)	
AXIS X	AXIS -X
	
AXIS Y	AXIS -Y
	
AXIS Z	AXIS -Z
	

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Testing photos

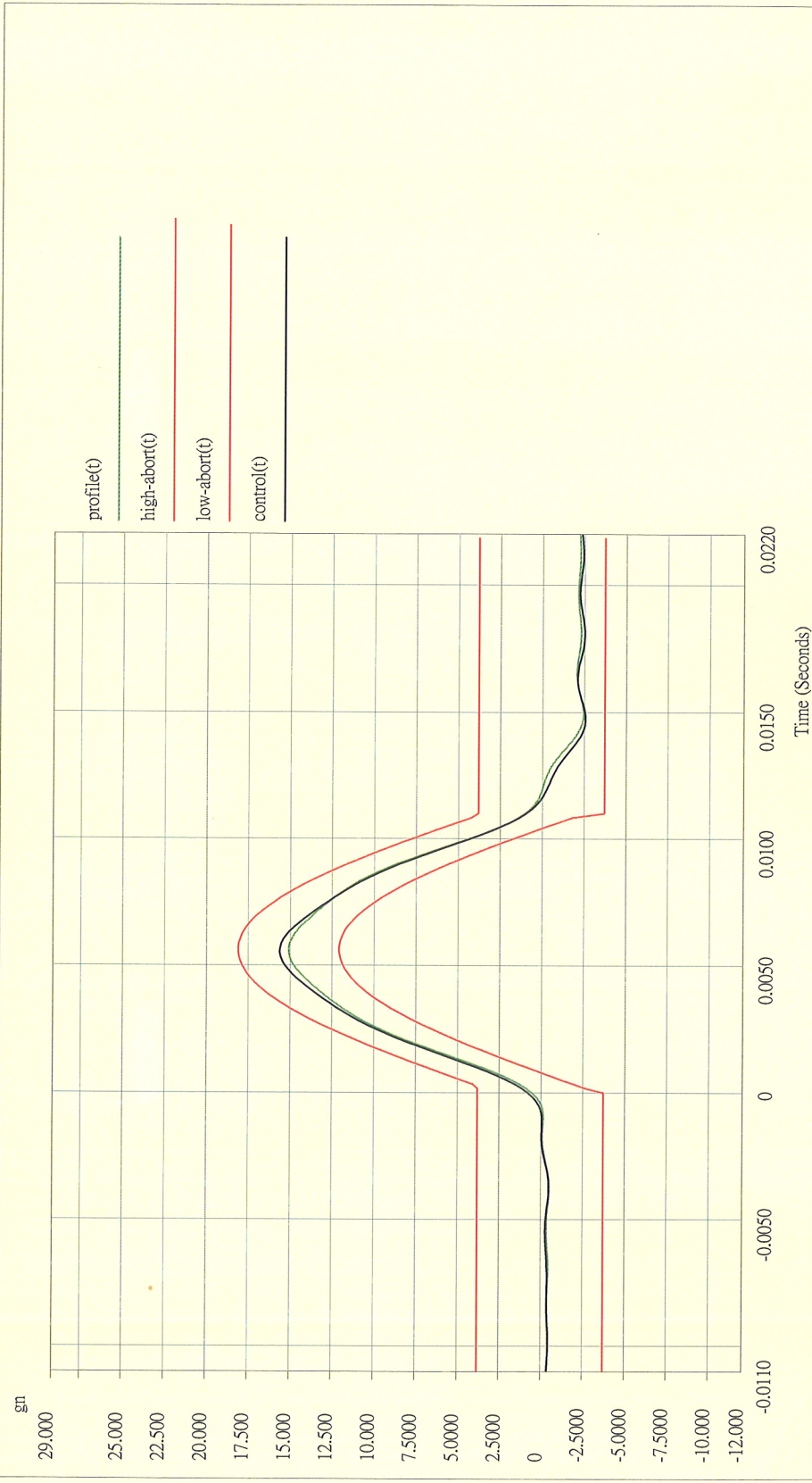
After test



Axis X

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 11,2007 11-31-57

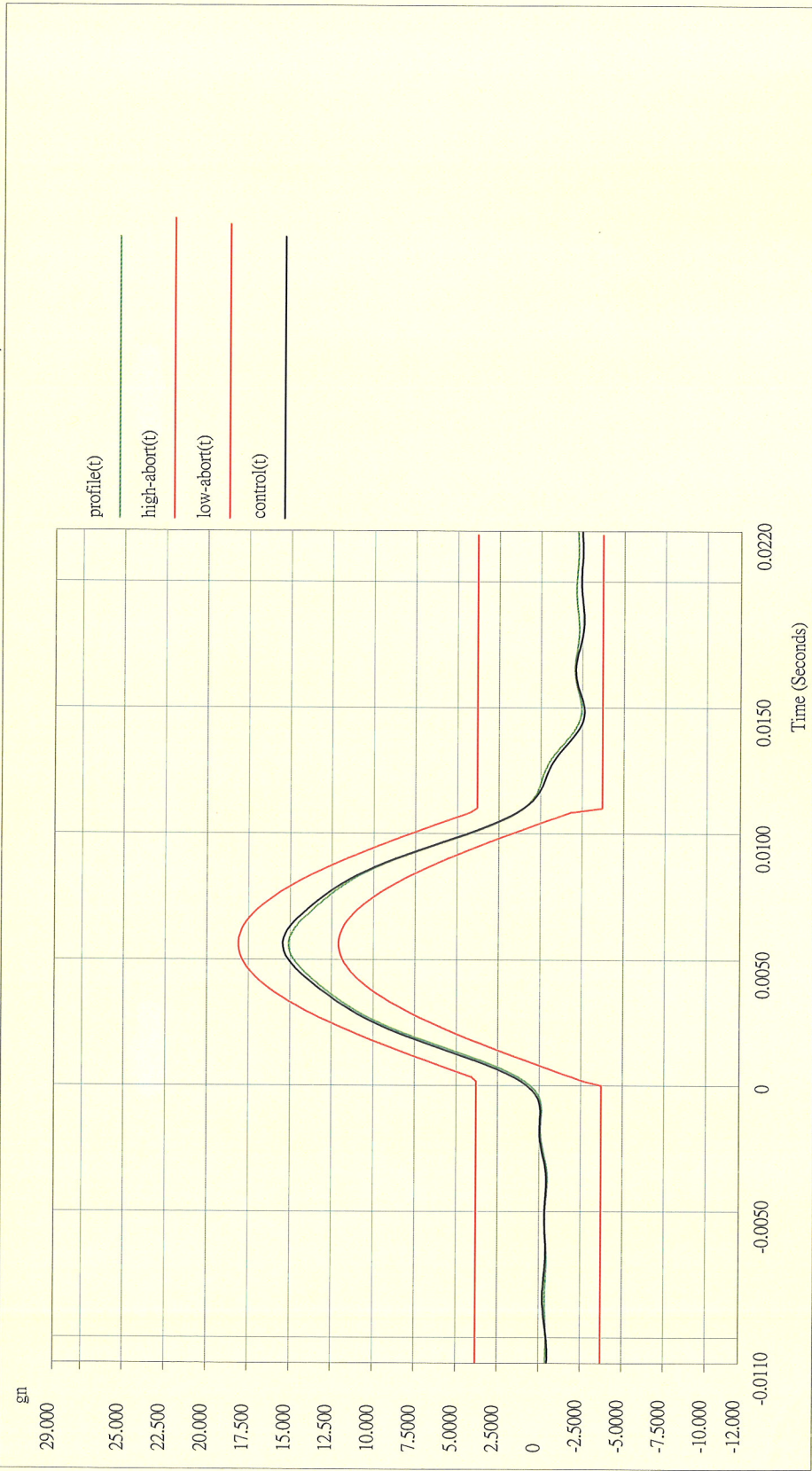


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Frame Time: 0.341333 Seconds Control Peak: 15.535148 gn Control
 RMS: 2.085903 gn Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.011591 gn
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms
 Data saved at 11:32:23 AM, Thursday, October 11, 2007 Report created at 11:32:33 AM, Thursday, October 11, 2007

Axis -X

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 11,2007 11-34-08

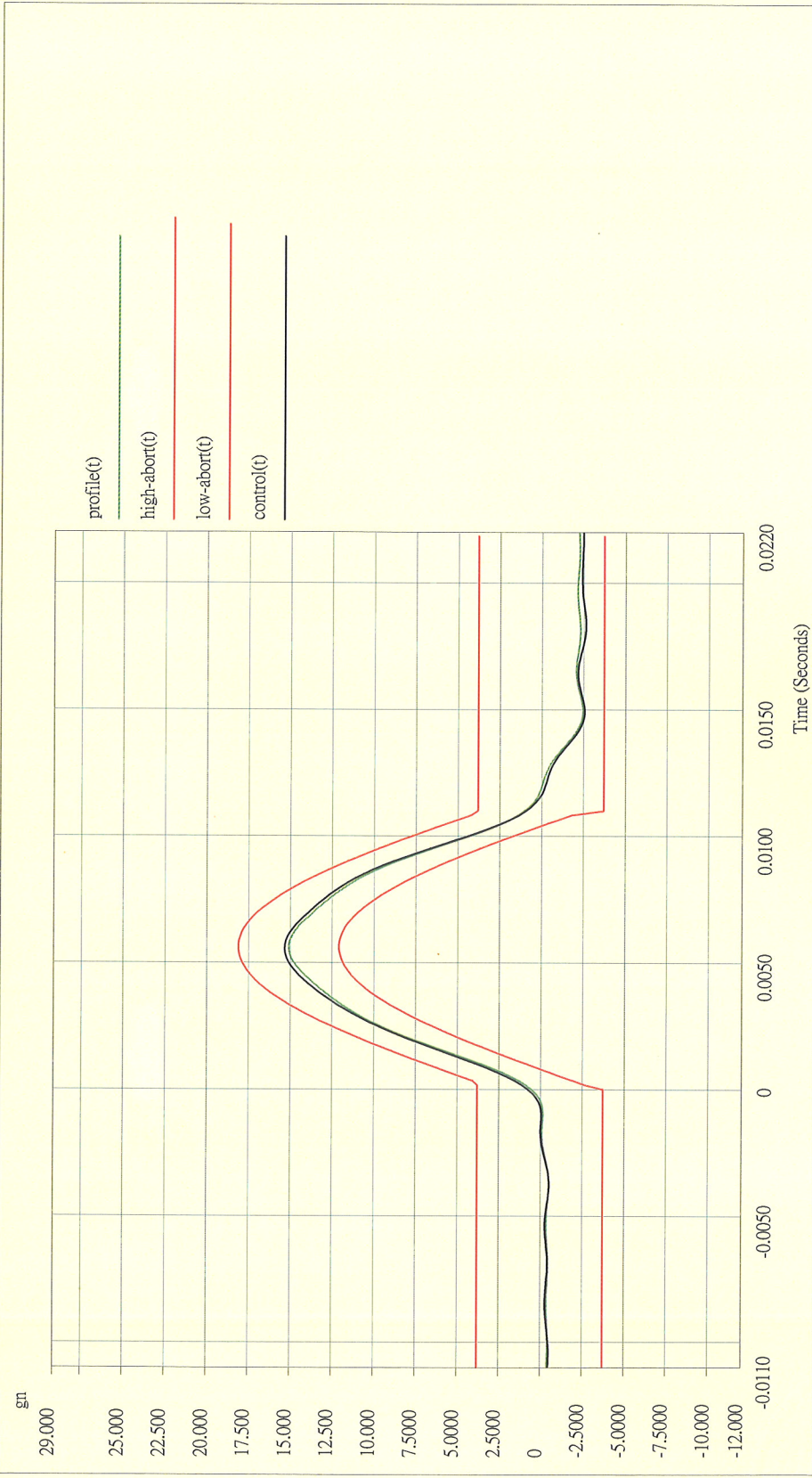


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Frame Time: 0.341333 Seconds Control Peak: 15.344515 gn Control
 RMS: 2.087152 gn Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.011591 gn
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms
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Axis y

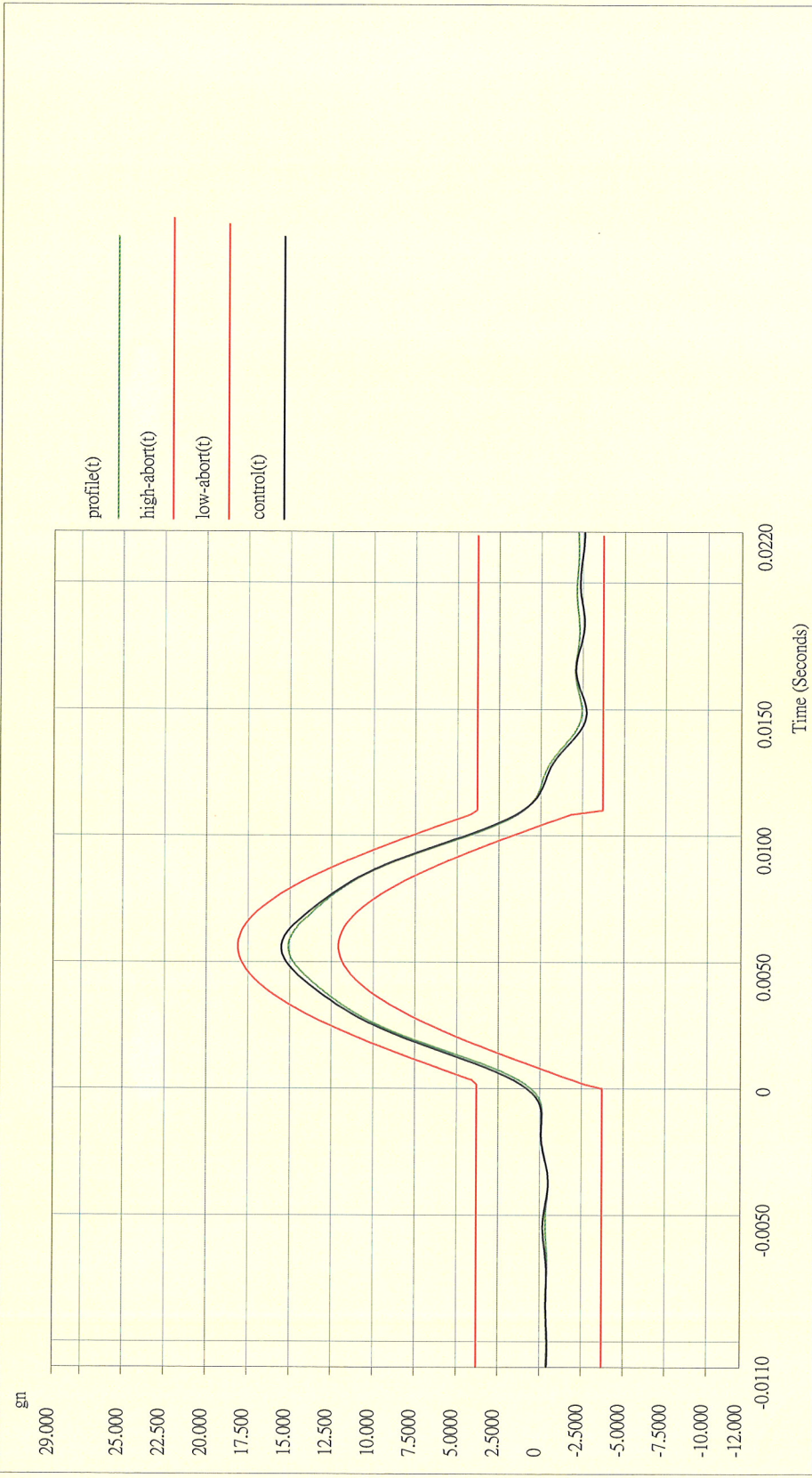
Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 11,2007 11-43-49



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Frame Time: 0.341333 Seconds Control Peak: 15.253903 gn Control
 RMS: 2.085194 gn Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.011591 gn
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms
 Data saved at 11:44:12 AM, Thursday, October 11, 2007 Report created at 11:44:15 AM, Thursday, October 11, 2007

Axis -y
 Project File Name: 研揚 15g 11ms.prj
 Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 11,2007 11-48-34

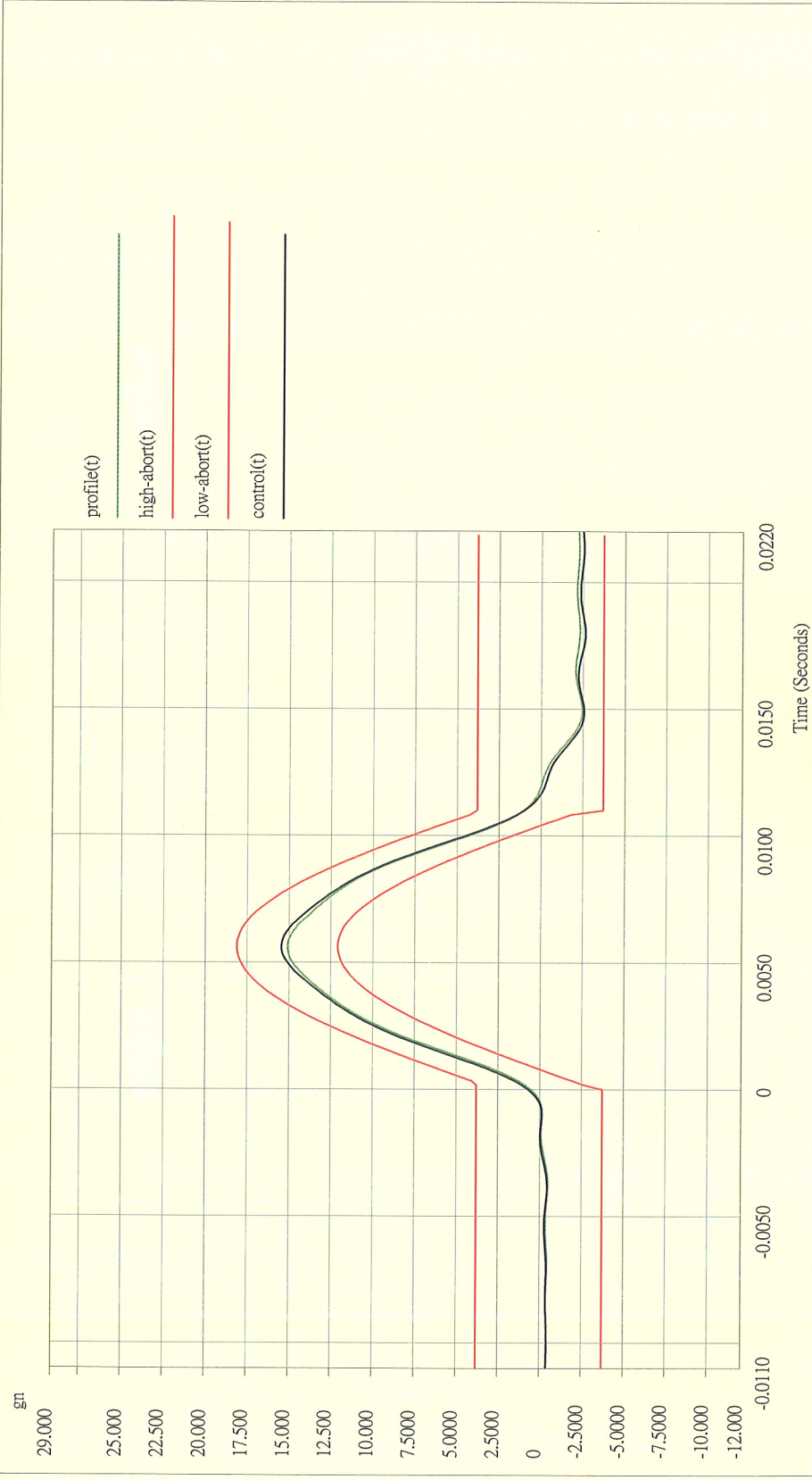


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Frame Time: 0.341333 Seconds Control Peak: 15.410817 gn Control
 RMS: 2.086113 gn Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.011591 gn
 Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms
 Data saved at 11:49:01 AM, Thursday, October 11, 2007 Report created at 11:49:04 AM, Thursday, October 11, 2007

Axis Z

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 11,2007 11-26-10



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Frame Time: 0.341333 Seconds Control Peak: 15.358801 gn Control

RMS: 2.087204 gn Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.011591 gn

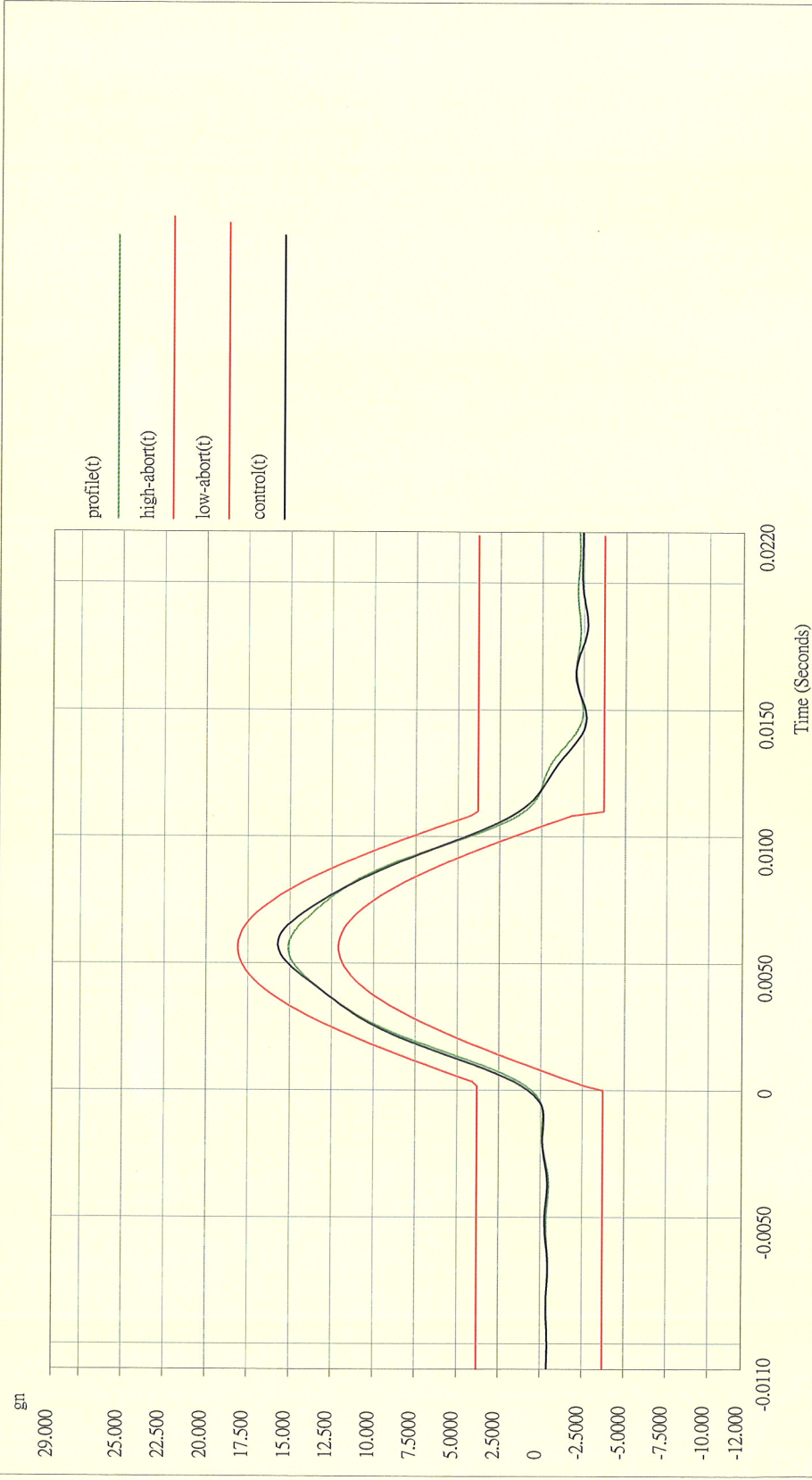
Remaining Pulses: 0 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 11:26:36 AM, Thursday, October 11, 2007 Report created at 11:26:39 AM, Thursday, October 11, 2007

Axis -Z

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Oct 11,2007 11-27-38



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Frame Time: 0.341333 Seconds Control Peak: 15.621406 gn Control

RMS: 2.087751 gn Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.011591 gn

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

Data saved at 11:28:25 AM, Thursday, October 11, 2007 Report created at 11:28:37 AM, Thursday, October 11, 2007