

TESTING / INSPECTION REPORT

REPORT NO : ST-070702-4

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SPECIMEN : APC-9172 (AC Power)
DATE OF RECEIVED : 06/21/07
DATE OF TESTED : 06/21/07

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>2007.7.4 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 : APC-9172 (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	√	—	—

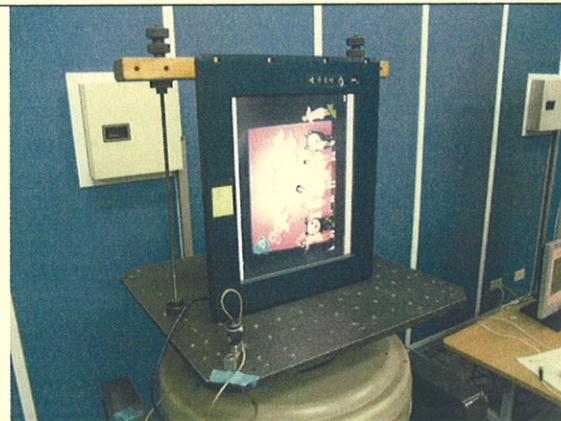
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Testing photos

AXIS X



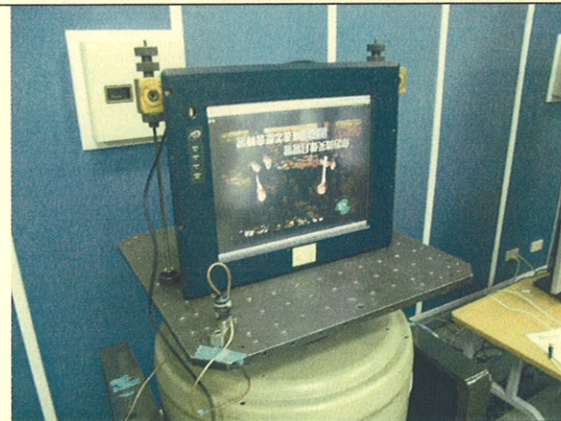
AXIS -X



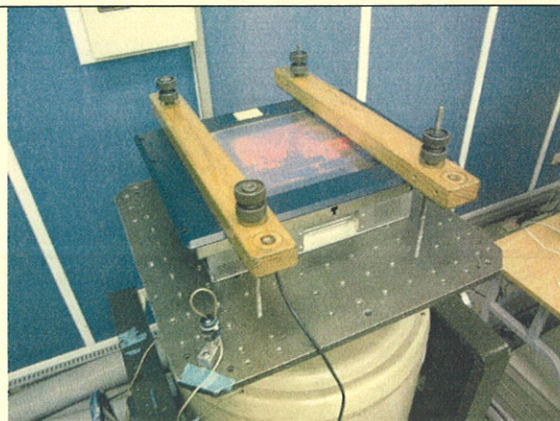
AXIS Y



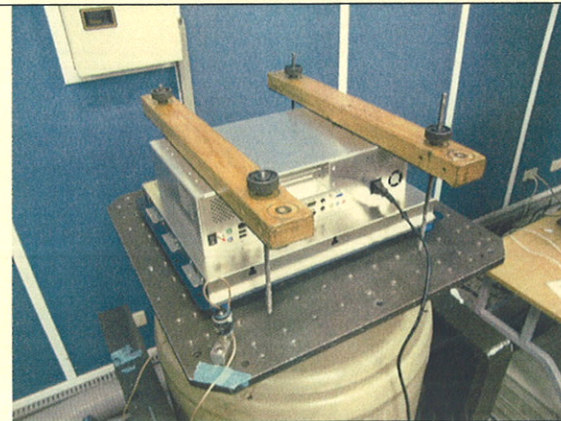
AXIS -Y



AXIS Z



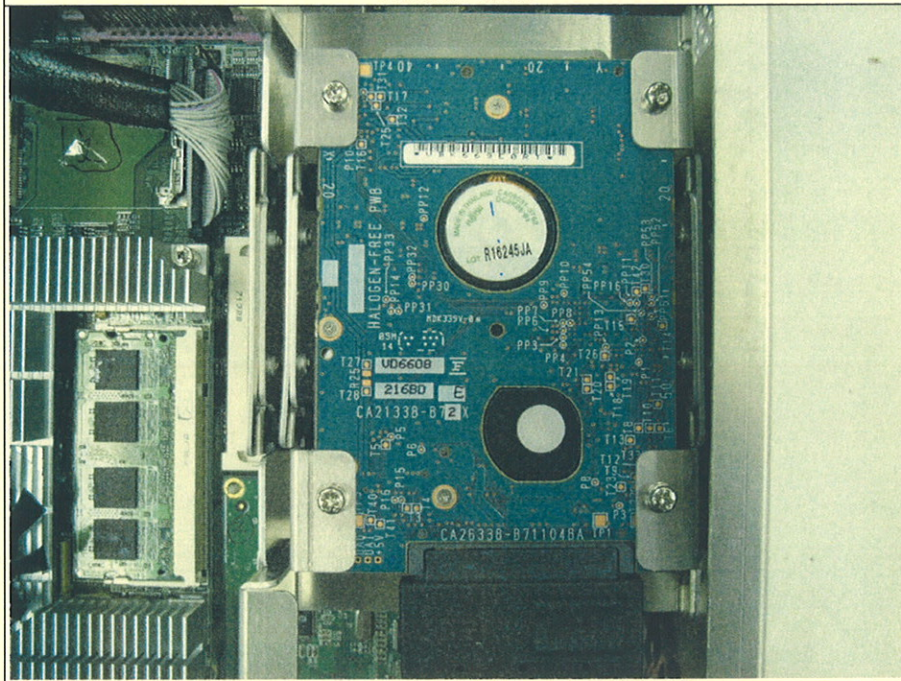
AXIS -Z



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Testing photos

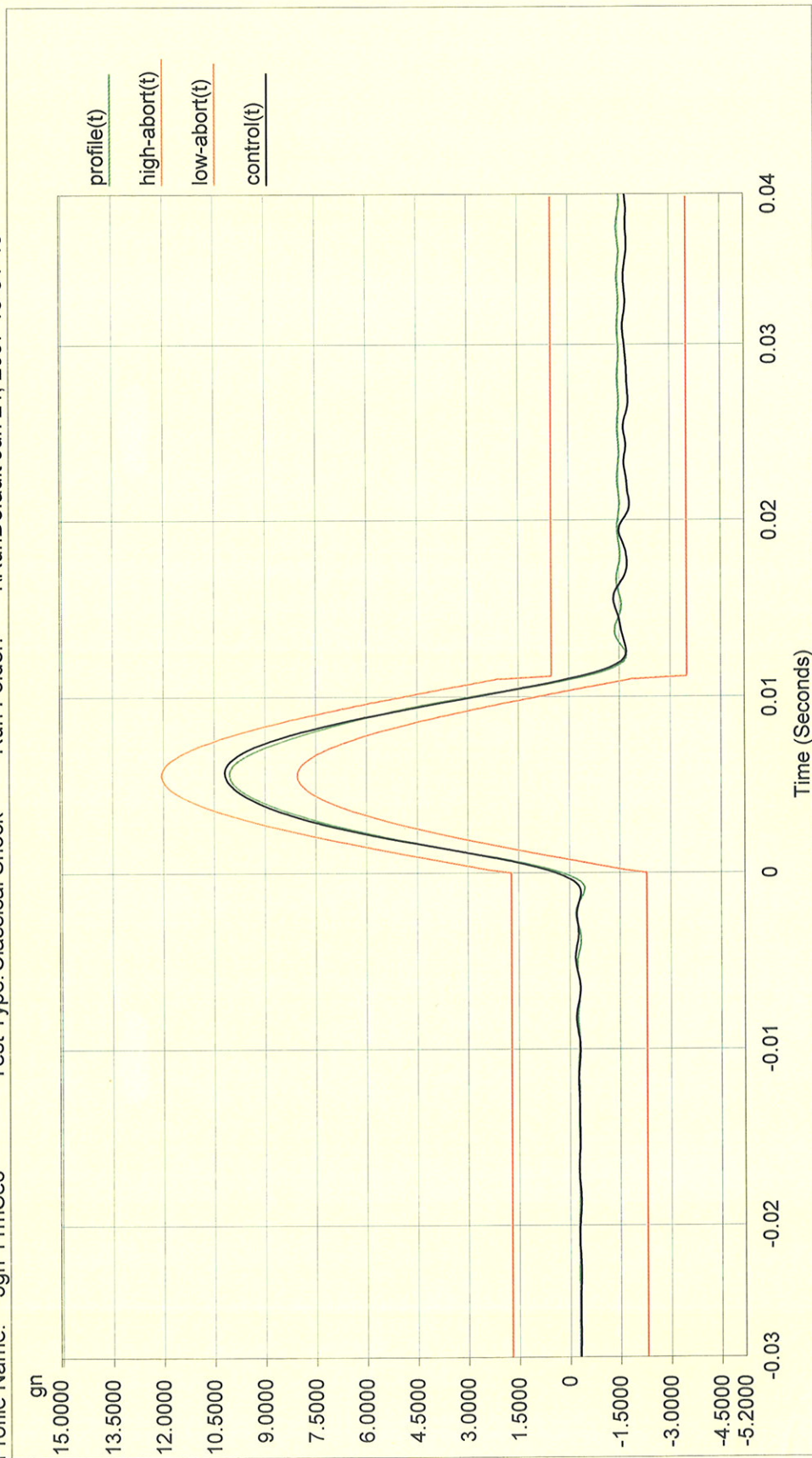
After test



Axis X

Project File Name: 研場 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jun 21, 2007 13-31-43

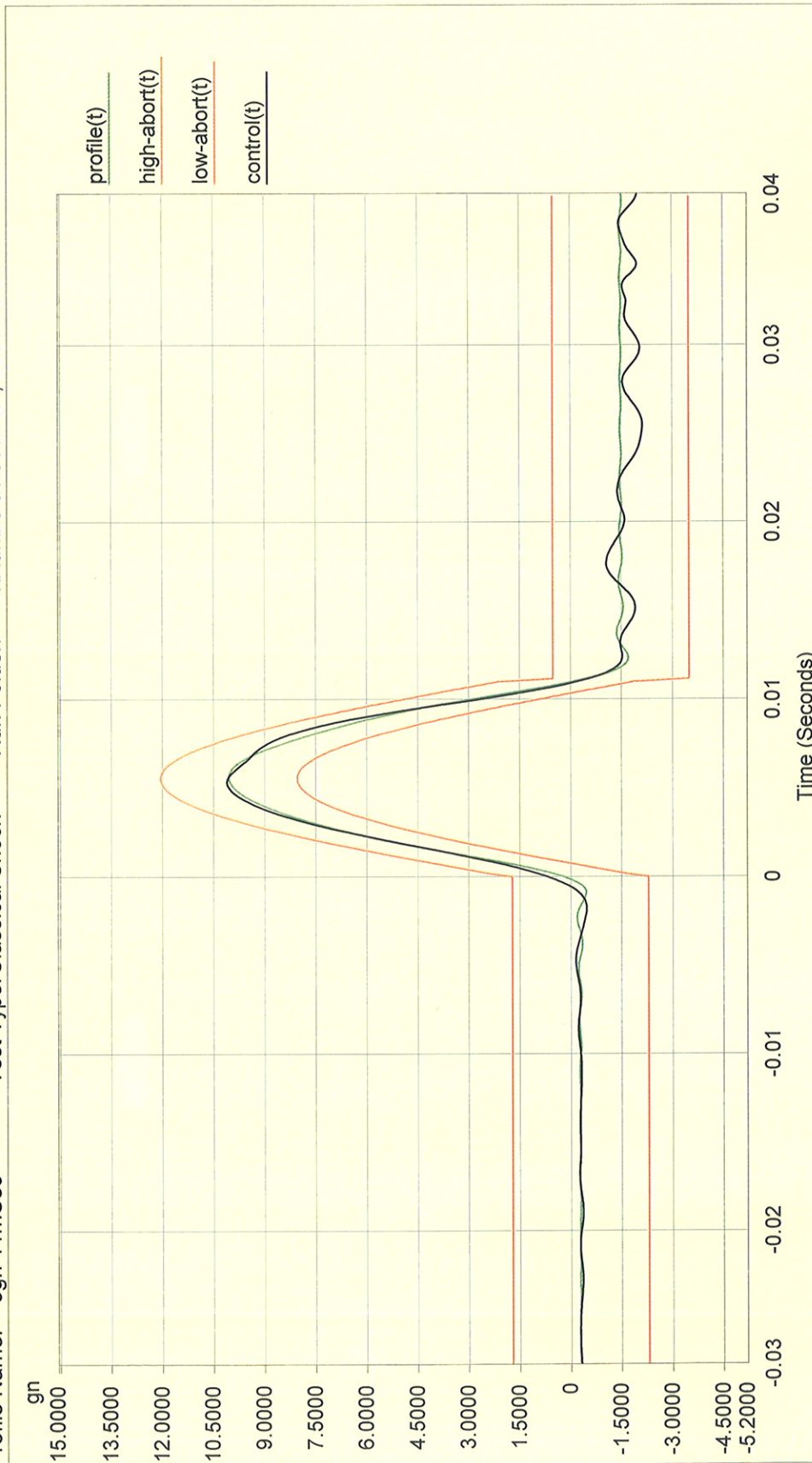


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 RMS: 1.396674 Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.352316 Remaining
 Pulses: 0 Pulse Type: Half Sine Amplitude: 10.000000
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Axis -X

Project File Name: 研場 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 21, 2007 13:34:44

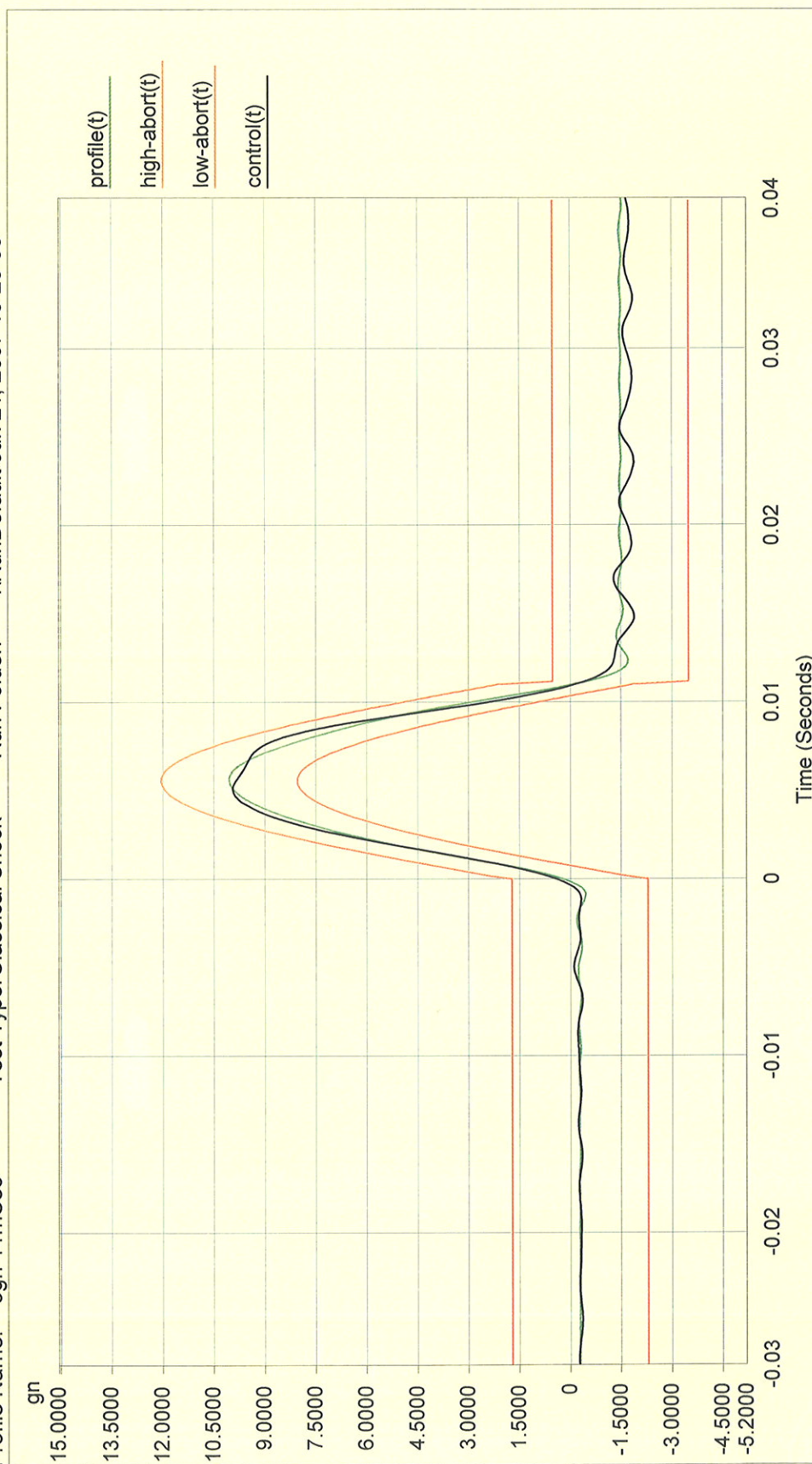


Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 10.047183 Control
 RMS: 1.403965 Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.352316 Remaining
 Pulses: 0 Pulse Type: Half Sine Amplitude: 10.000000
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Axis Y

Project File Name: 研場 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 21, 2007 13-25-58



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 9.888897 Control
 RMS: 1.396244 Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.352316 Remaining
 Pulses: 0 Pulse Type: Half Sine Amplitude: 10.000000

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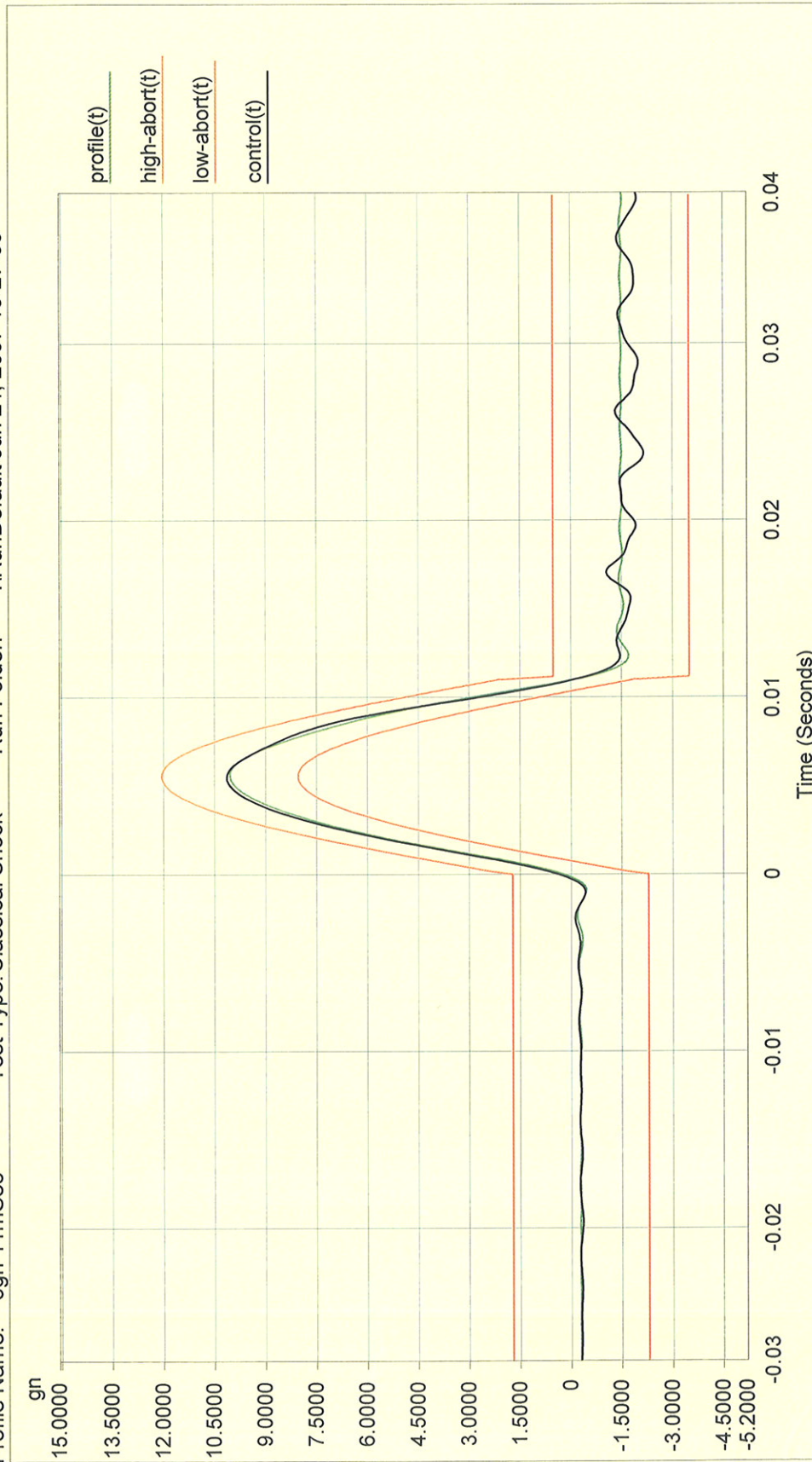
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Axis -Y

Project File Name: 研場 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 21, 2007 13:27:55



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 10.082592 Control

RMS: 1.393312 Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.352316 Remaining

Pulses: 0 Pulse Type: Half Sine Amplitude: 10.000000

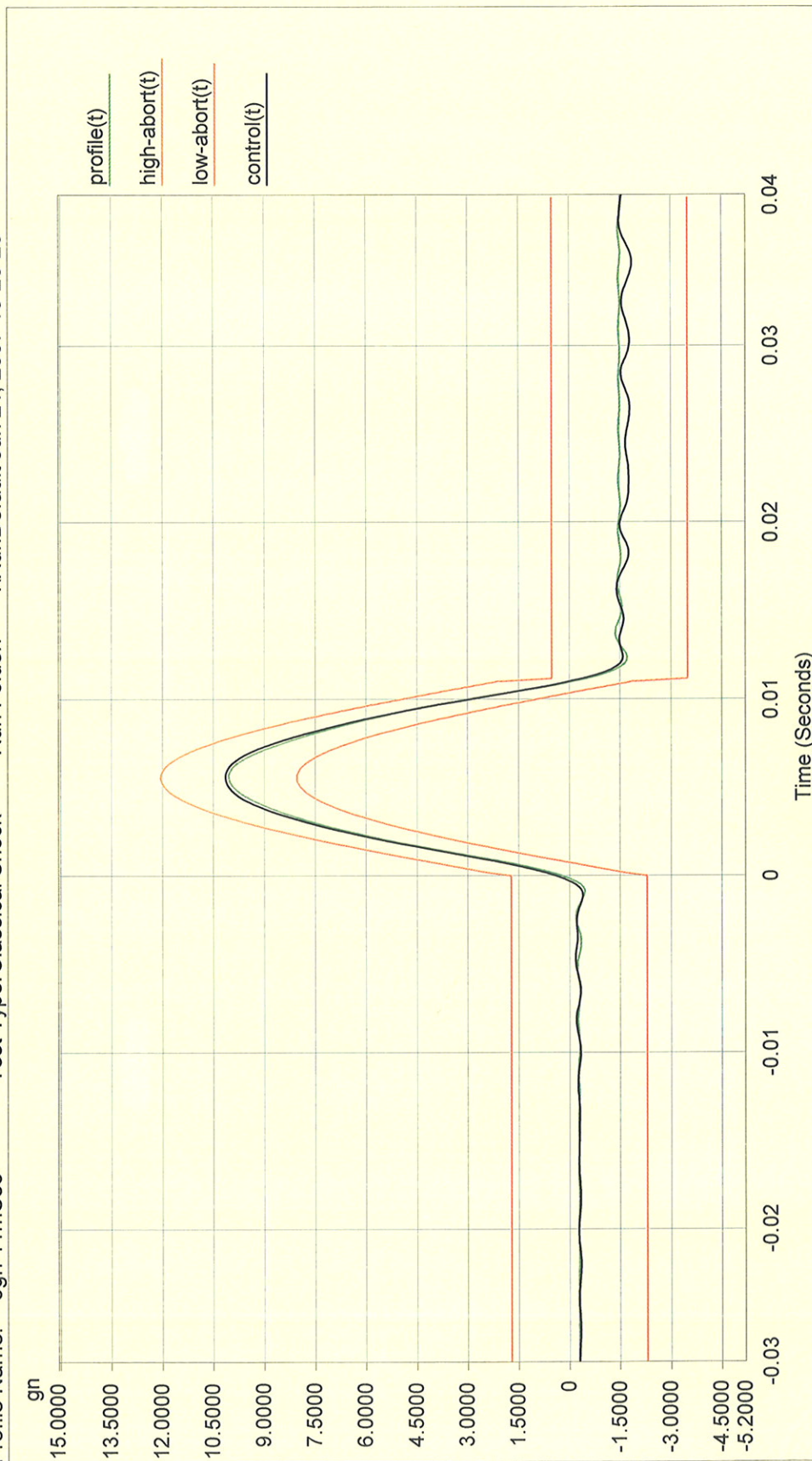
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Report created at 01:28:20 PM, Thursday, June 21, 2007

Axis Z

Project File Name: 研揚 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 21, 2007 13-20-26



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 10.087542 Control

RMS: 1.392102 Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.352316 Remaining

Pulses: 0 Pulse Type: Half Sine Amplitude: 10.000000

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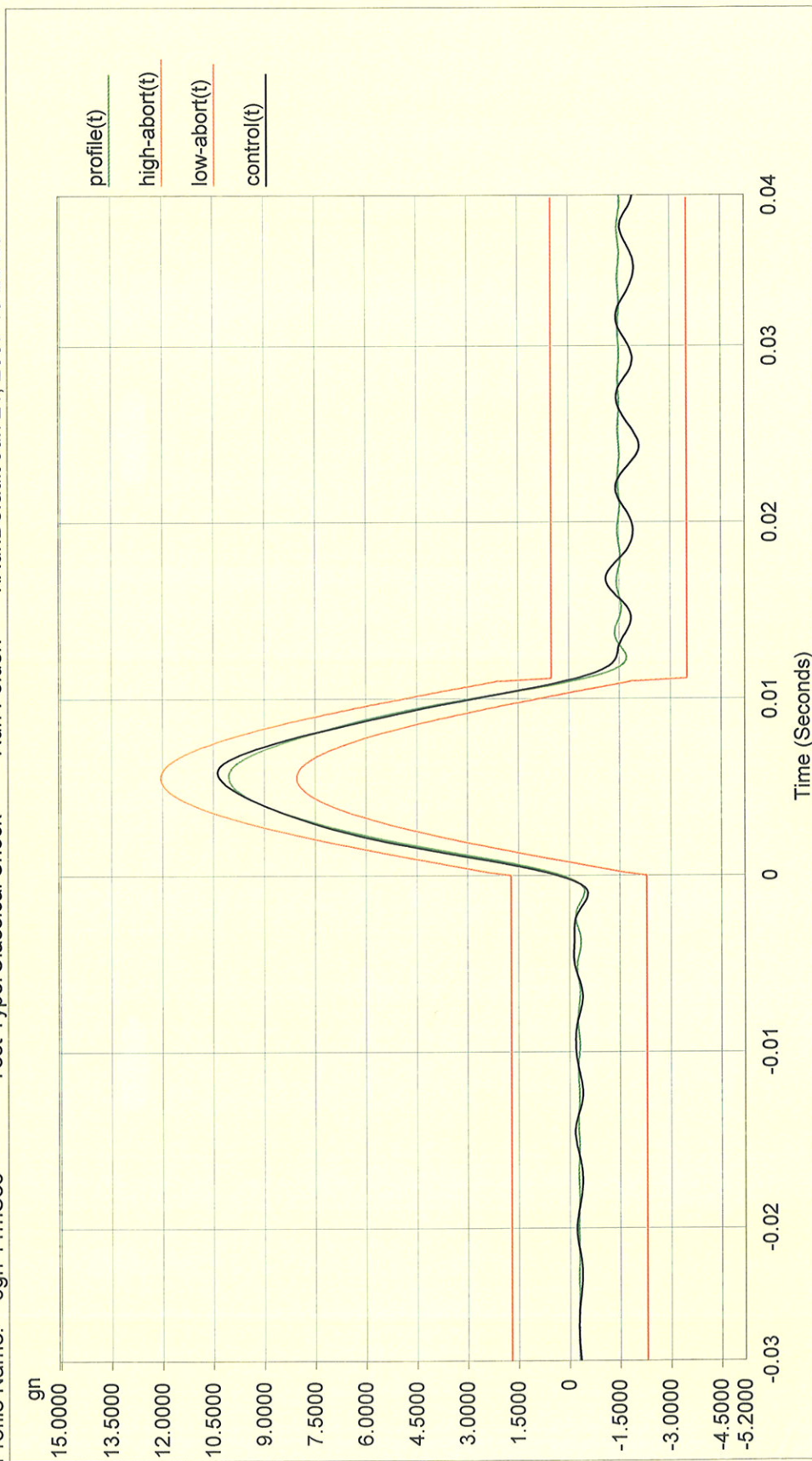
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Axis -Z

Project File Name: 研場 10g 11ms.prj

Profile Name: 5gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 21, 2007 13-22-25



Level: 100 % Block Size: 2048 Elapsed Pulses: 13 Frame Time: 0.341333 Seconds Control Peak: 10.318673 Control

RMS: 1.393461 Full Level Elapsed Pulses: 3 dT: 0.000167 Seconds Demand Peak: 10.000000 Demand RMS: 1.352316 Remaining

Pulses: 0 Pulse Type: Half Sine Amplitude: 10.000000

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Report created at Report created at 01:22:49 PM, Thursday, June 21, 2007