

KING DESIGN INDUSTRIAL CO., LTD.

RELIABILITY TEST LABORATORY

5F, NO. 3, Lane 270, Pei Shen Road Sec. 3,
Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C
TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

<http://www.kdi.tw>
<http://www.vibration.com.tw>
E-mail: service@kdi.tw

TESTING / INSPECTION REPORT

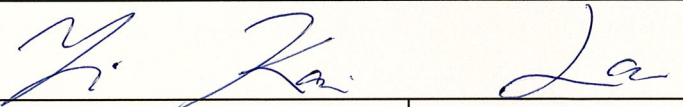

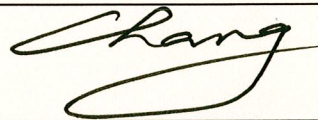
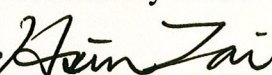
REPORT NO : ST-111212-2

COMPANY : AAEON Technology Inc.
ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.
Hsin-Tien City, Taipei, Taiwan, R. O. C.
TEL : 886-2-8919-1234
FAX : 886-2-8919-1049
SPECIMEN : AHP-2122HTT (with 2.5" SATA HDD)
DATE OF RECEIVED : 2011/12/09
DATE OF TESTED : 2011/12/09

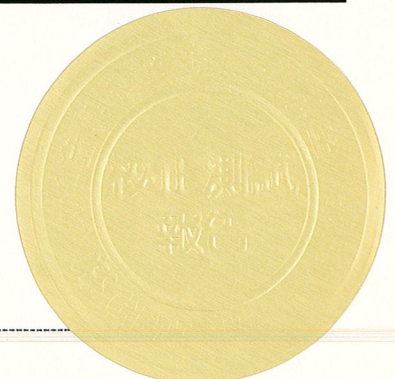
TEST / INSPECTION ITEMS : Shock Test

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 : 	
Approval Signatory :  2011.12.13	Laboratory Head :  

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TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

1. Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,
S/N : GUG02102091
2. Controller : DACTRON LASER USB, S/N:12448370
3. Control Accelerometer : Wilcoxon Research WR-777, S/N:4207

TEST ENVIRONMENT :

- Temperature : 23.3°C (25±10°C)
- Relative Humidity : 58%RH (50±25% RH)

SPECIMEN :

- Model : AHP-2122HTT (with 2.5" SATA HDD)
- Quantity : 1 unit

TEST SPECIFICATION :

As per applicant's requirement

- Wave Form : Half sine wave (Operating)
- Acceleration : 20 g
- Duration Time : 11 mS
- No. of Shock : Each axis 3 times
- Shock Direction : ±X, ±Y, ±Z axis

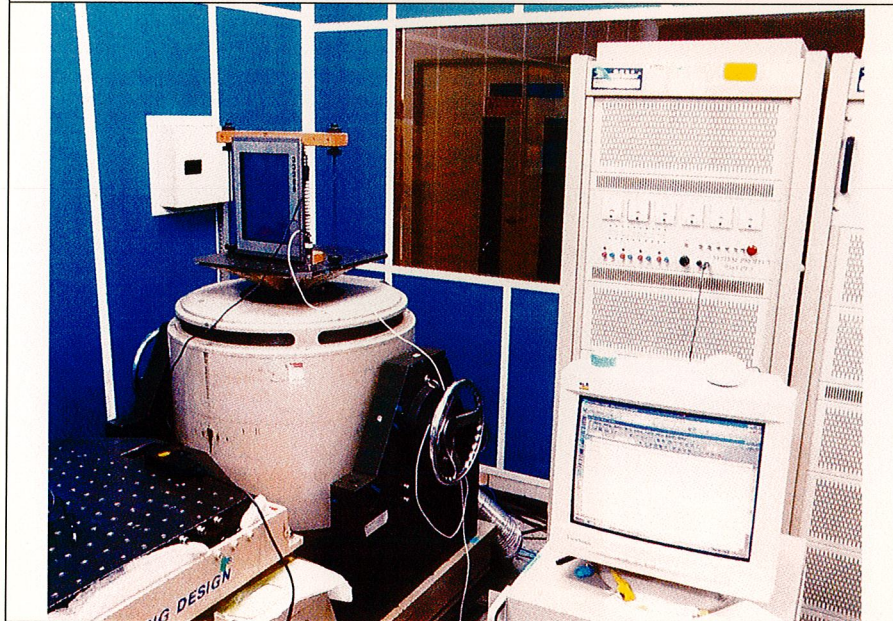
TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---
(1)—Bootting function was normal after the test.			
(2)—No visible damages were found.			

TESTING / INSPECTION REPORT

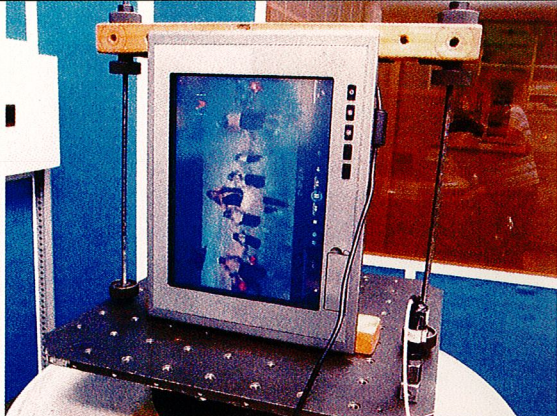
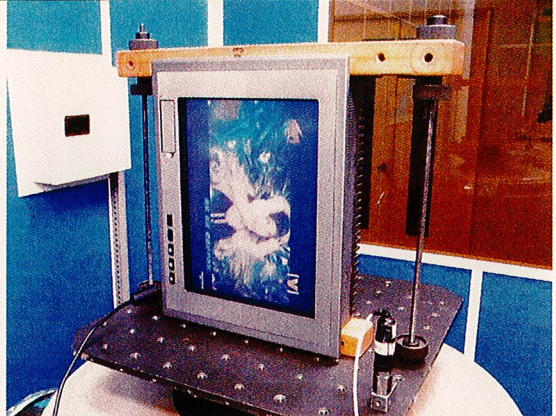


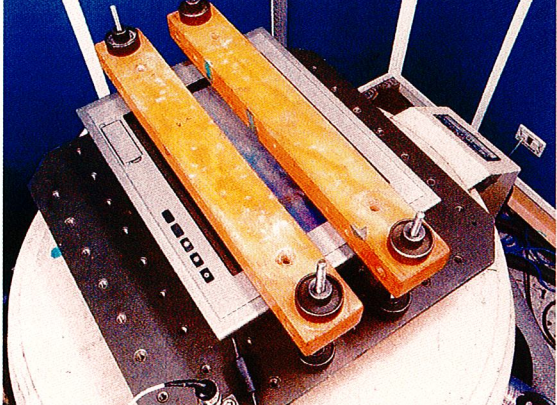
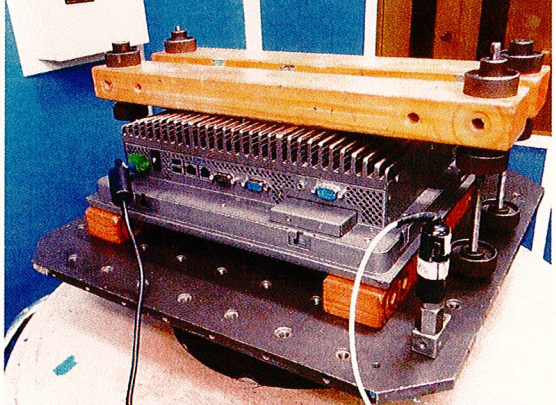
Testing photos

Before test



實驗室

TESTING / INSPECTION REPORT

Testing photos	
<p>AXIS +X</p> 	<p>AXIS -X</p> 
<p>AXIS +Y</p> 	<p>AXIS -Y</p> 
<p>AXIS +Z</p> 	<p>AXIS -Z</p> 

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TESTING / INSPECTION REPORT

Testing photos

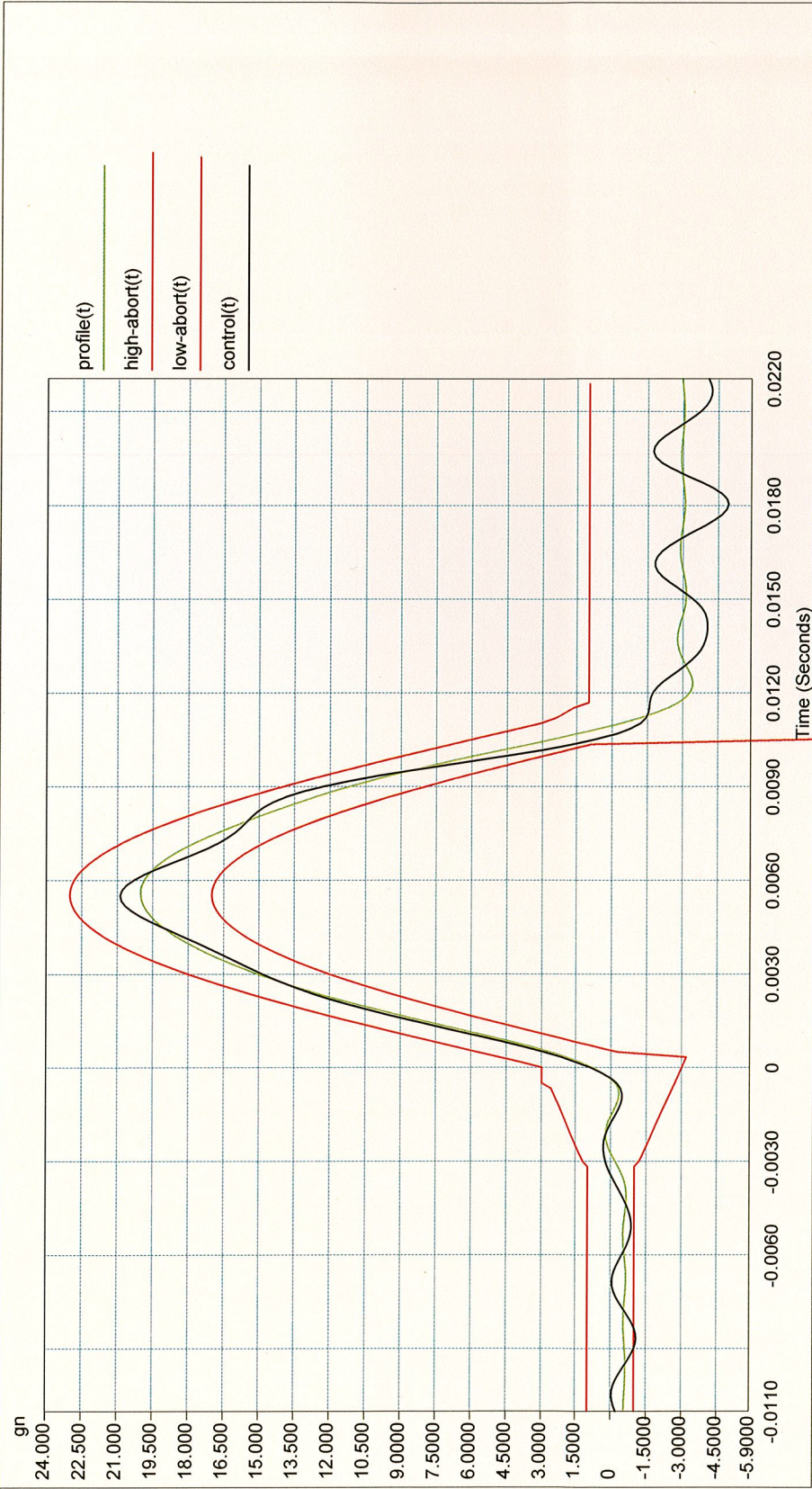
After test



+X Axis

Project File Name: 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Dec 09,2011 11-07-01



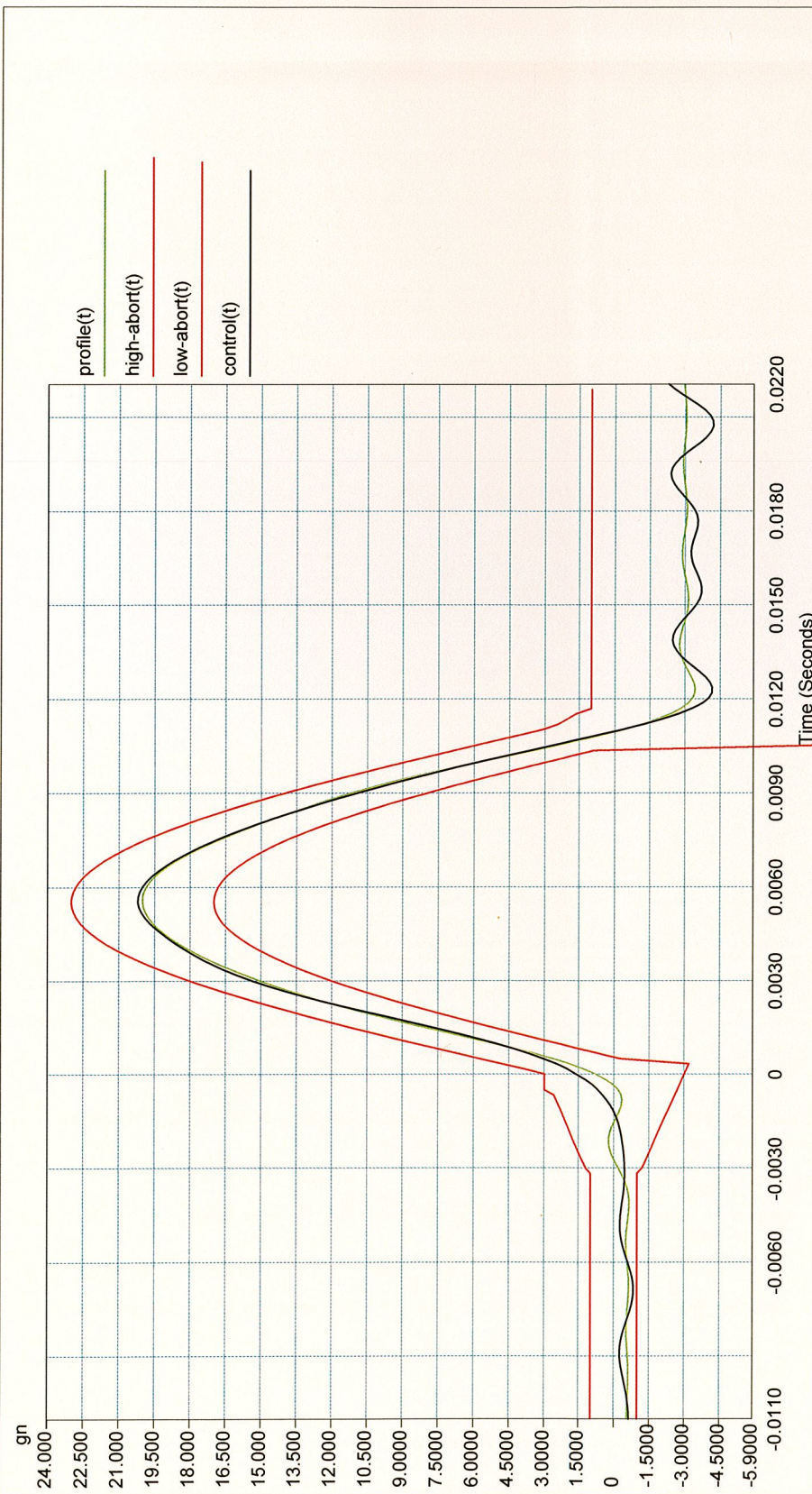
Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.871403 gn Control RMS: 2.081103 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms



-X Axis

Project File Name: 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Dec 09,2011 11-04-14



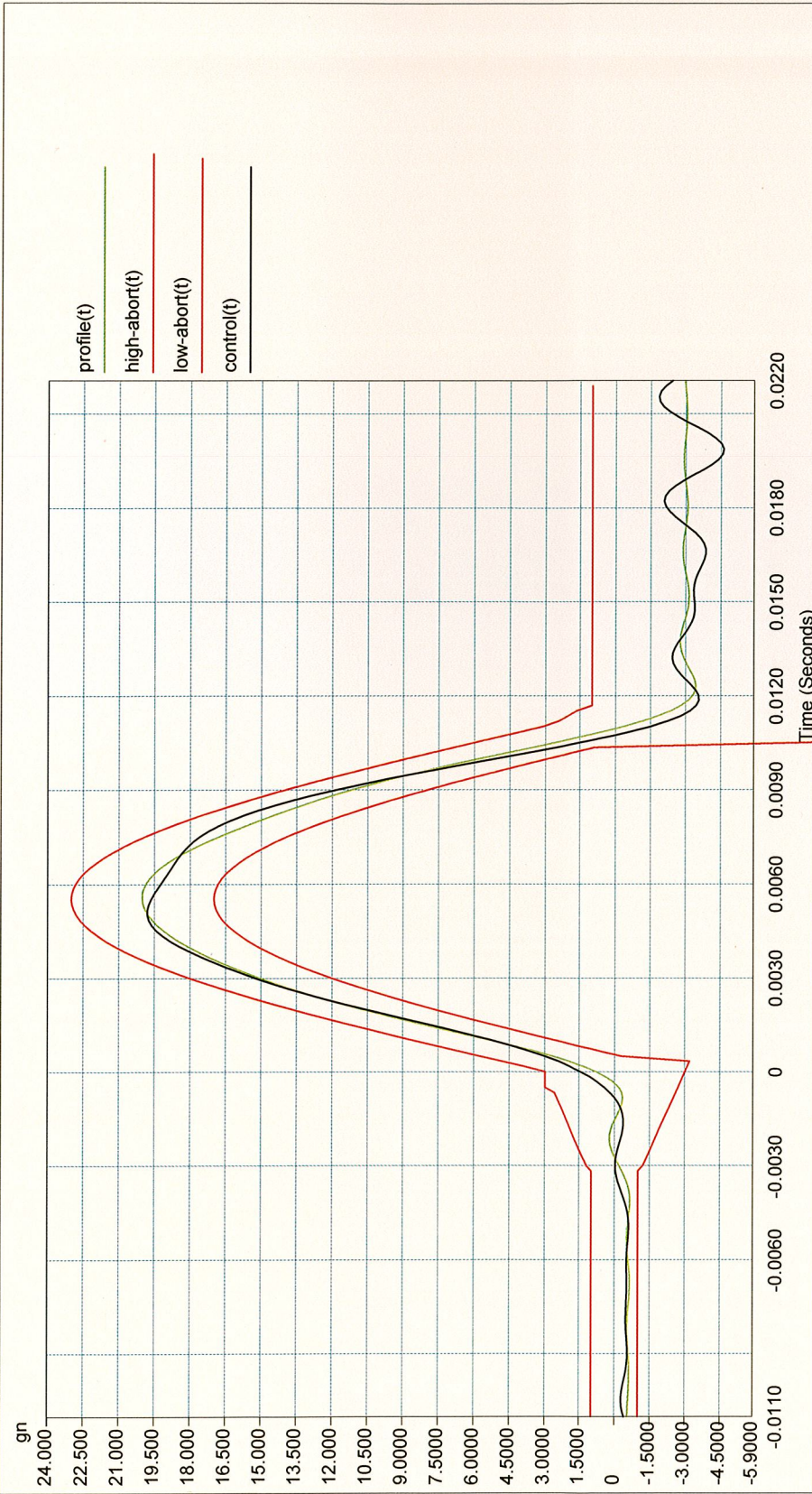
Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.197865 gn Control RMS: 2.086006 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms

資料

+Y Axis

Project File Name: 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Dec 09,2011 10-59-37



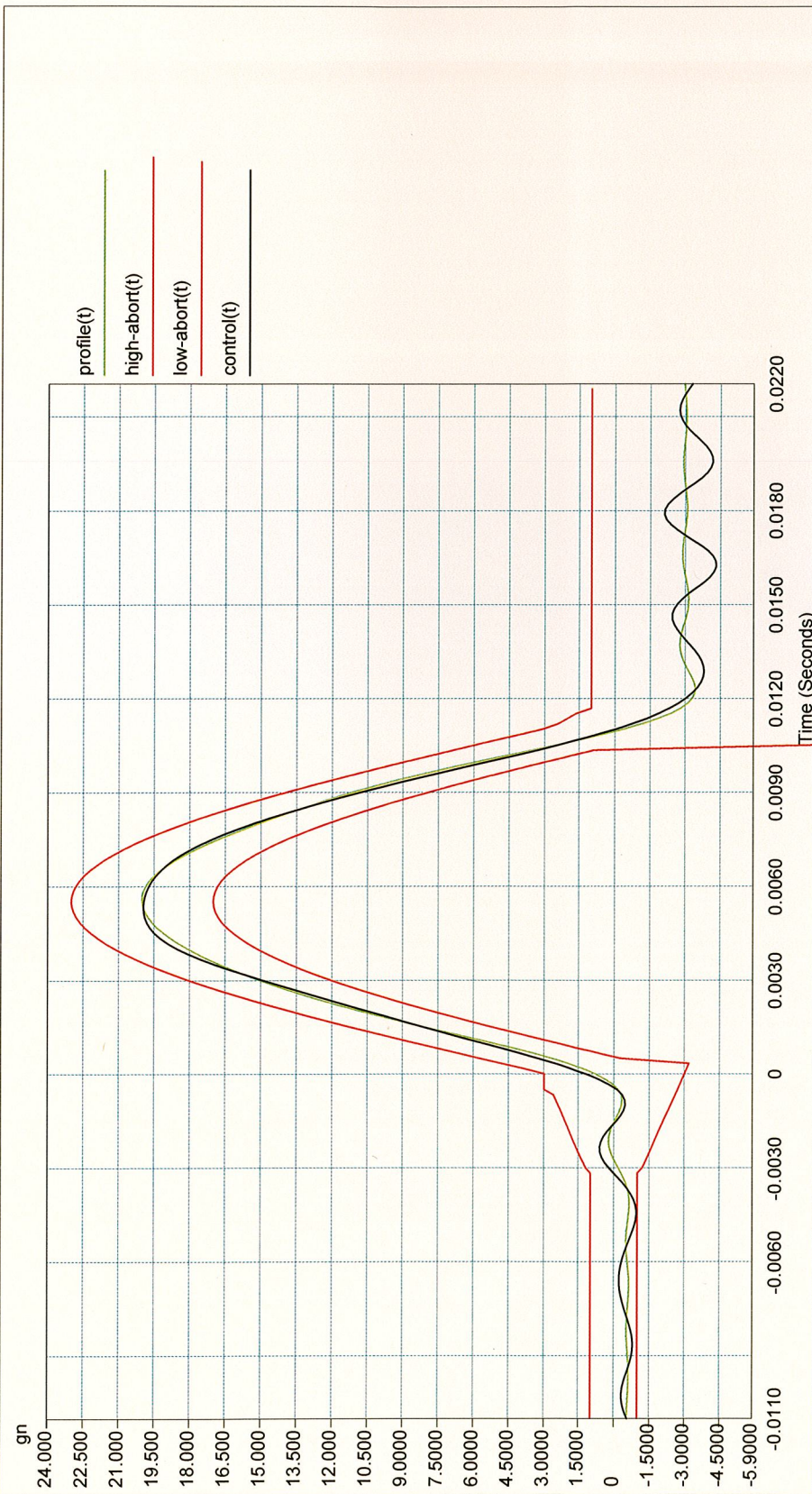
Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 19.787733 gn Control RMS: 2.088283 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms

支實

-Y Axis

Project File Name: 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Dec 09,2011 10-56-14



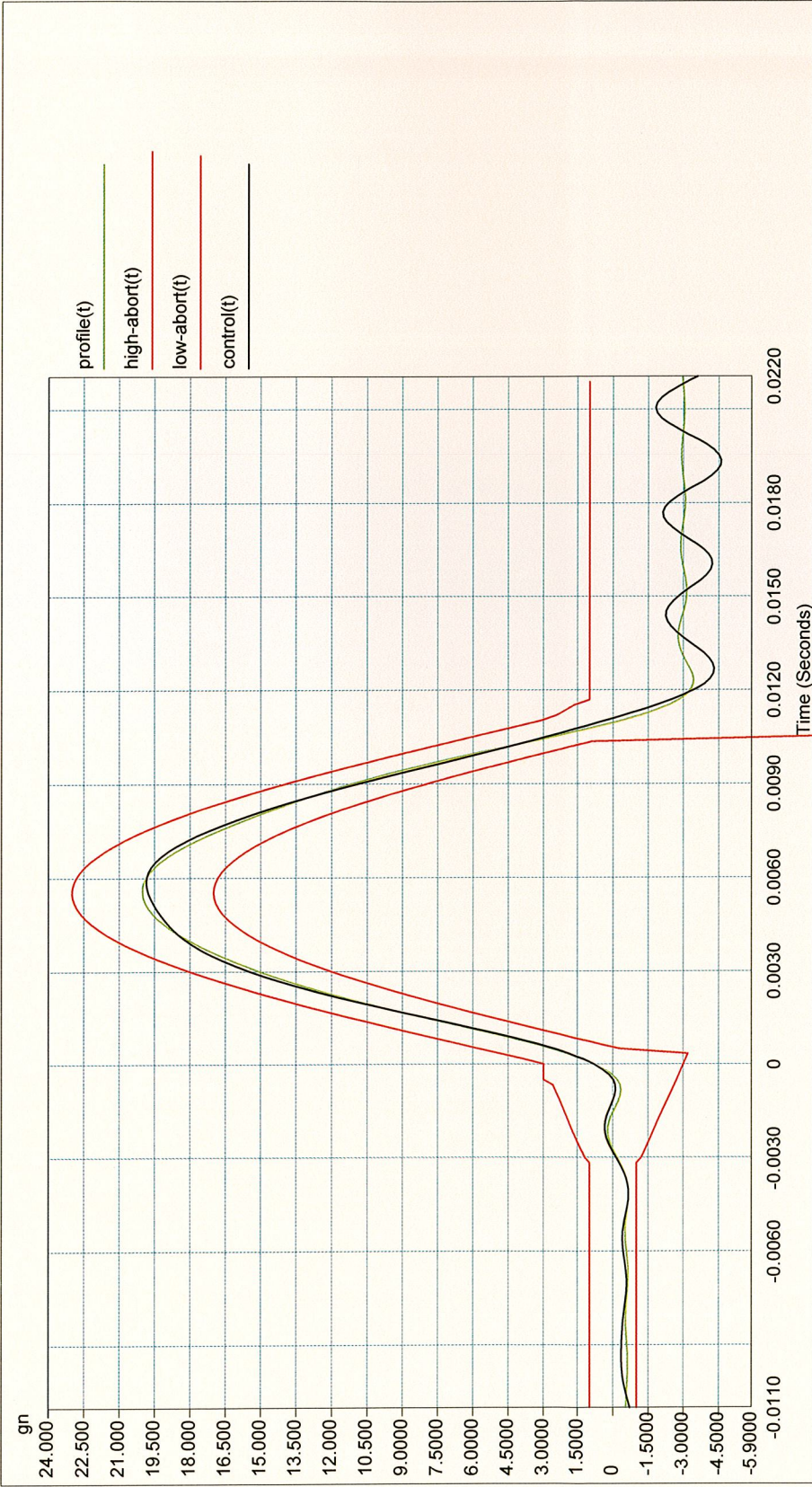
Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 19.949526 gn Control RMS: 2.076873 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms



+Z Axis

Project File Name: 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Dec 09,2011 10-50-29



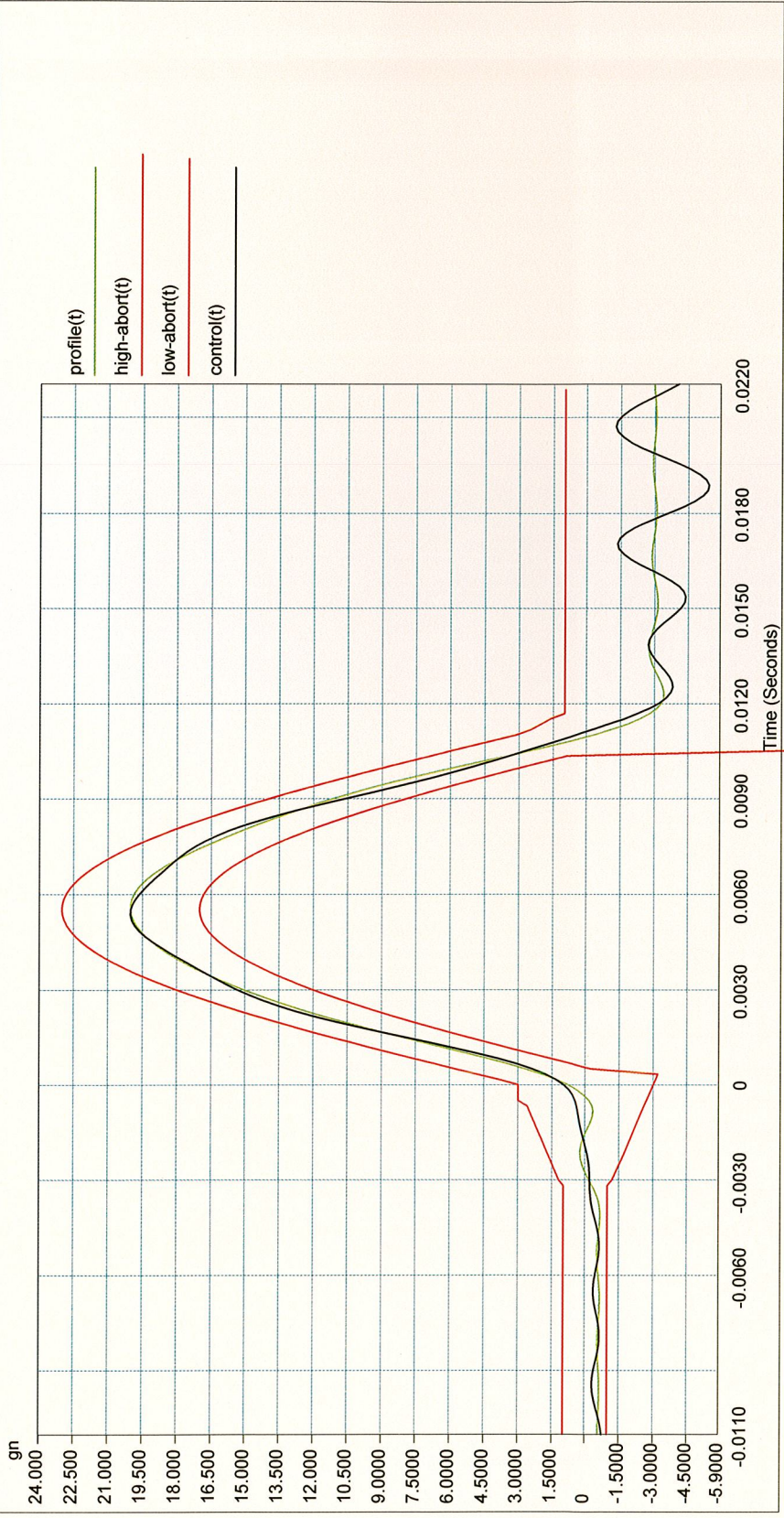
Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 19.841436 gn Control RMS: 2.081990 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms



-Z Axis

Project File Name: 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Dec 09,2011 10-48-03



Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.012272 gn Control RMS: 2.080111 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms

-END-

