

**KING DESIGN INDUSTRIAL CO., LTD.**

**RELIABILITY TEST LABORATORY**

5F,NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

<http://www.vibration.com.tw>

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

E-mail:service@kdi.tw

**TESTING / INSPECTION REPORT**

REPORT NO : ST-110902-1

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 : ACD-515D

DATE OF RECEIVED : 2011/09/01

DATE OF TESTED : 2011/09/01

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>Yi Kai Lai</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Hein Zai Chang</i>





**KING DESIGN INDUSTRIAL CO., LTD.**
**RELIABILITY TEST LABORATORY**

5F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

<http://www.vibration.com.tw>

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

 E-mail: [service@kdi.tw](mailto:service@kdi.tw)

## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

- |                          |   |
|--------------------------|---|
| 1. Vibration Tester      | : KING DESIGN KD-9363EM-600F2K-50N120,<br>S/N : KDS11054783 |
| 2. Controller            | : DACTRON COMET USB, S/N:9478158                            |
| 3. Control Accelerometer | : WILCOXON RESEARCH, Model:784A, S/N:23116                  |

### TEST ENVIRONMENT :

- |                   |                     |
|-------------------|---------------------|
| Temperature       | : 24.3°C (25±10°C)  |
| Relative Humidity | : 64%RH (50±25% RH) |

### SPECIMEN :

- |          |            |
|----------|------------|
| Model    | : ACD-515D |
| 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 <sup>(1)</sup>	√	---	---
Appearance check <sup>(2)</sup>	√	---	---

(1)—Booting function was normal after the test.  
 (2)—No visible damages were found.



## TESTING / INSPECTION REPORT

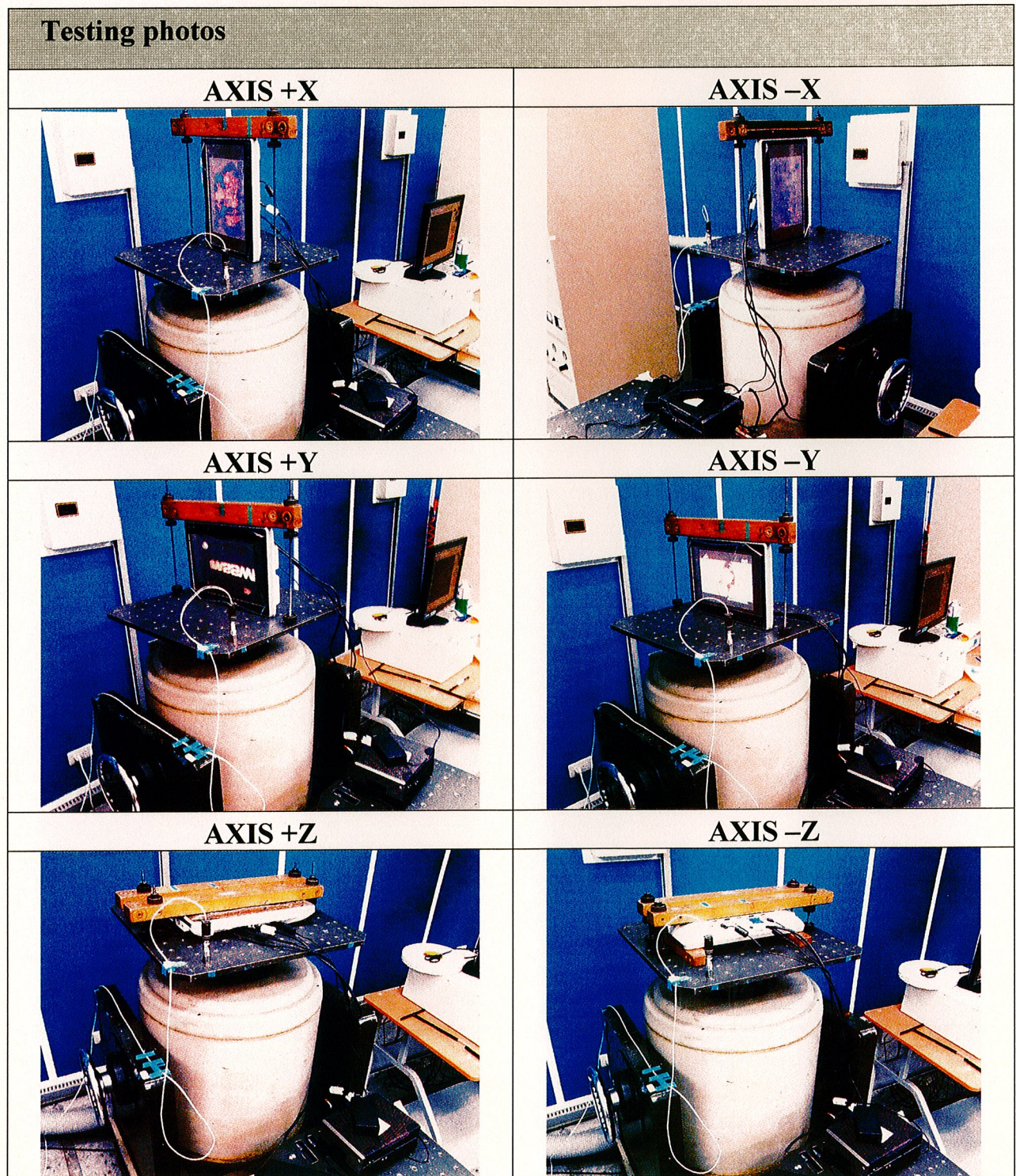
### Testing photos

#### Before test





## TESTING / INSPECTION REPORT





**KING DESIGN INDUSTRIAL CO., LTD.**

**RELIABILITY TEST LABORATORY**

5F,NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

<http://www.vibration.com.tw>

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

E-mail:service@kdi.tw

## TESTING / INSPECTION REPORT

### Testing photos

#### After test



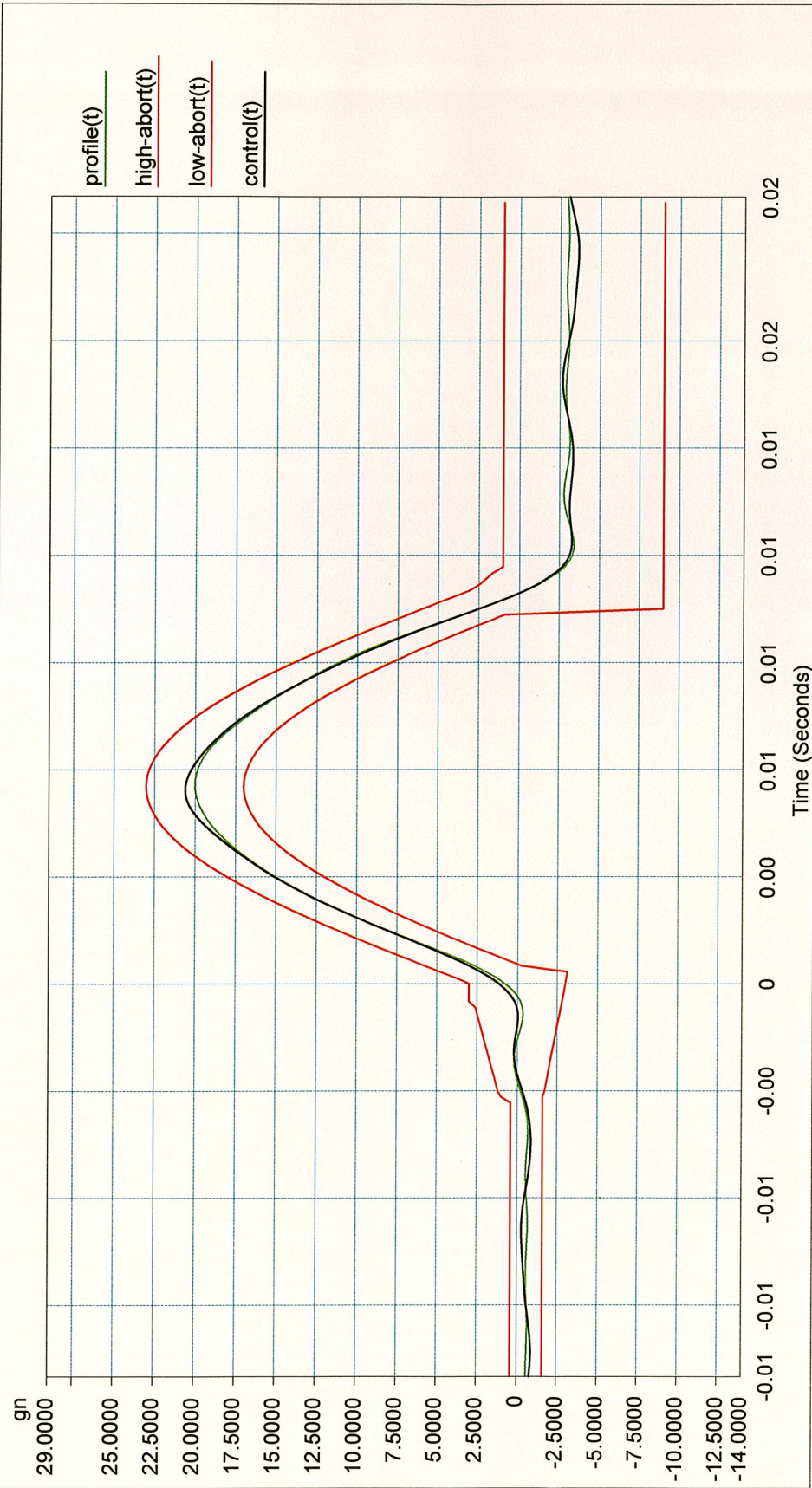




+X Axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 01, 2011 10-45-11



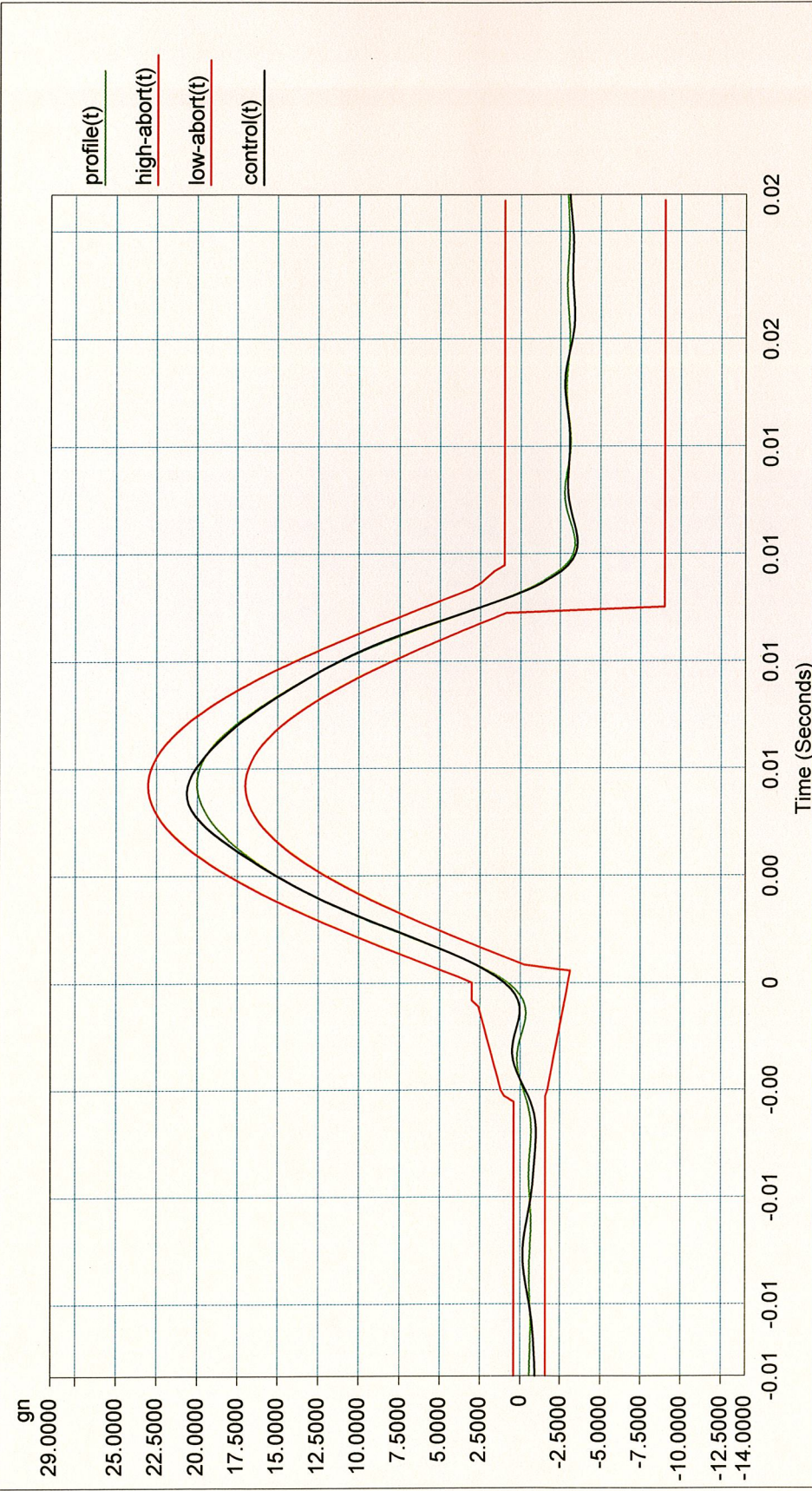
Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.594652 Control RMS: 2.102857 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-X Axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 01, 2011 10-47-44



Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.627851 Control RMS: 2.097579 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



+Y Axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Sep 01, 2011 10-37-17



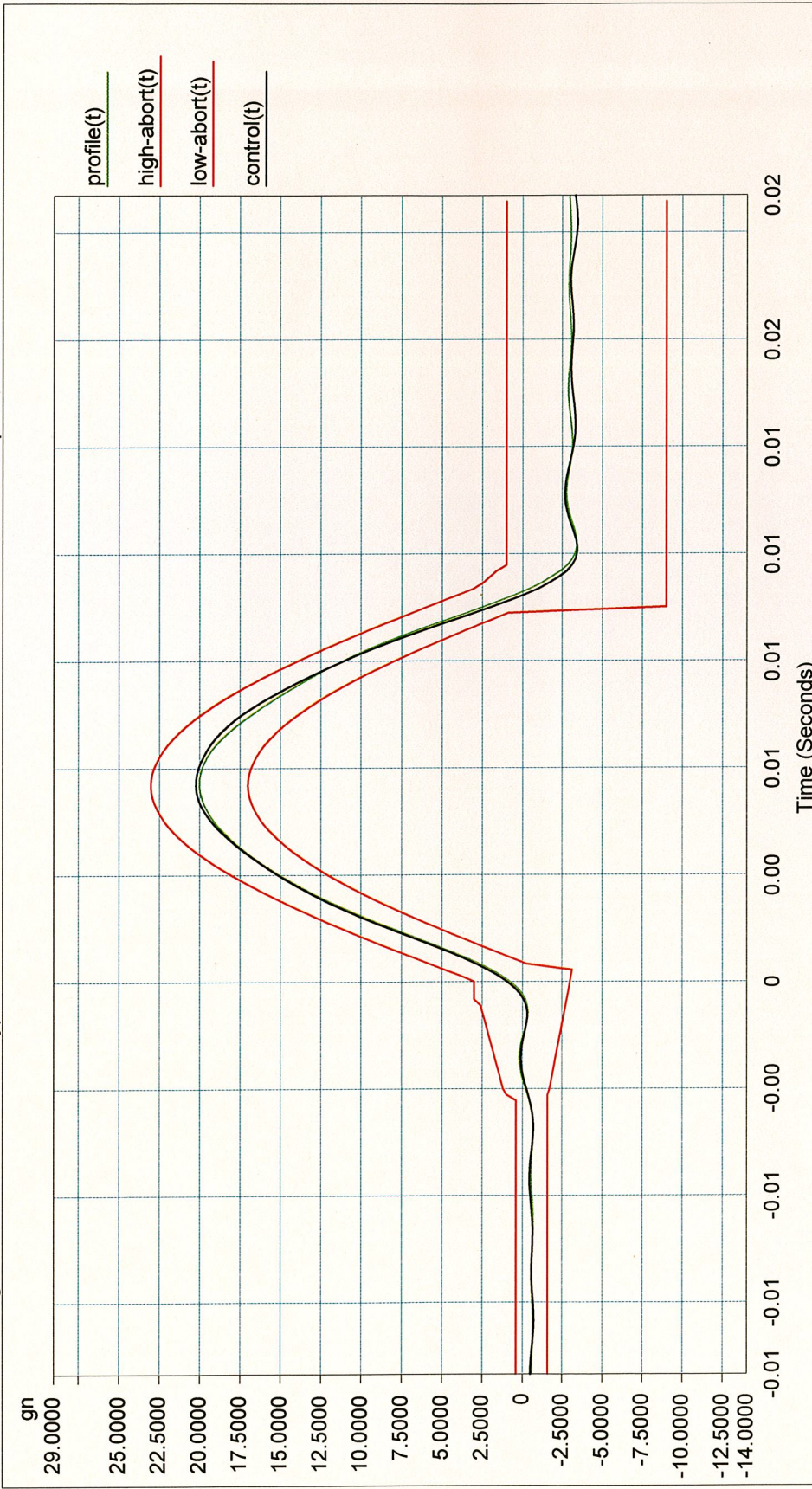
Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.352058 Control RMS: 2.096041 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-Y Axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 01, 2011 10-39-27



Level: 100 % Block Size: 4096 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.210899 Control RMS: 2.097183 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

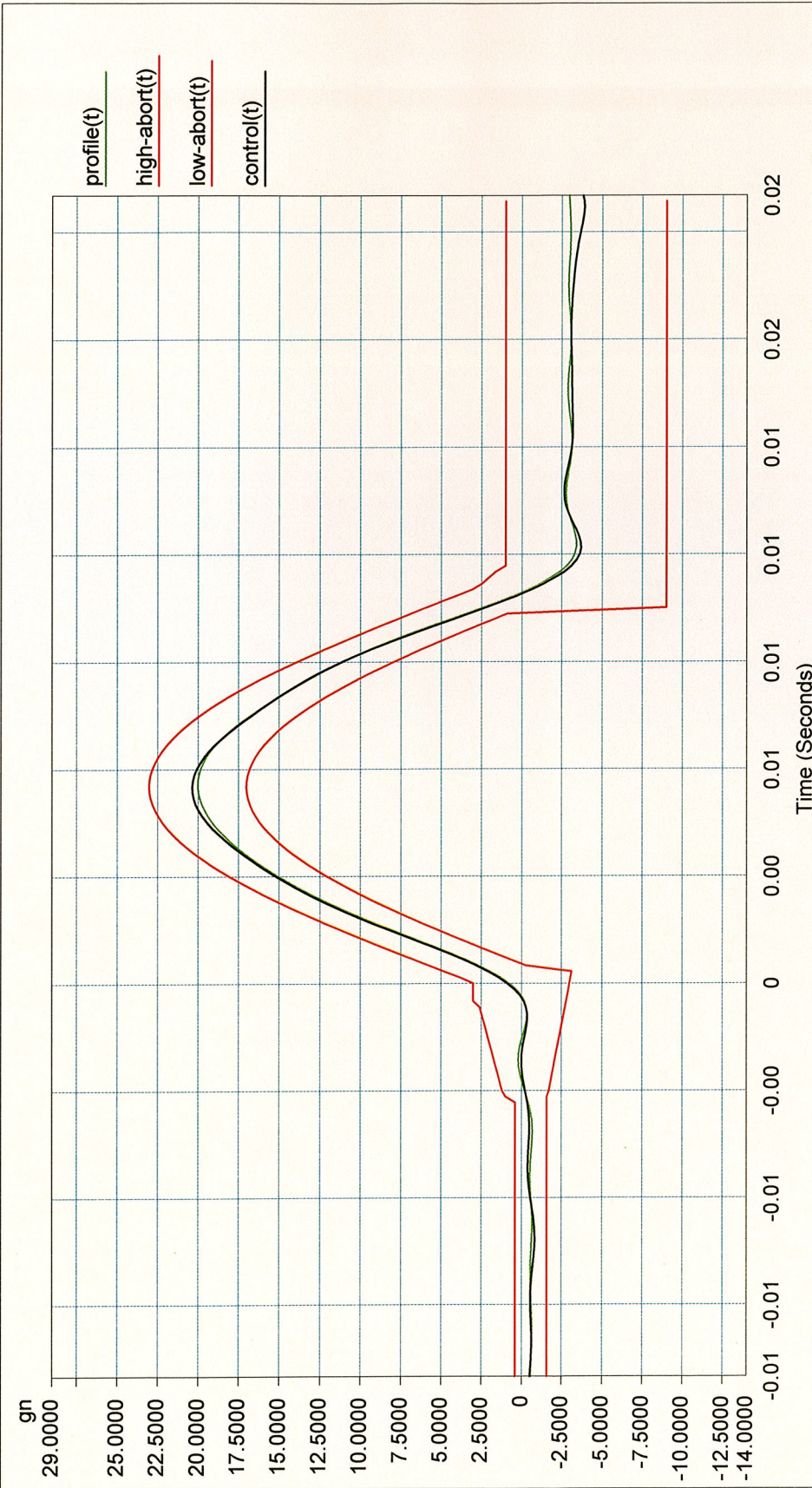




+Z Axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 01, 2011 10-31-27



Level: 100 % Block Size: 4096 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.349783 Control RMS: 2.096752 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

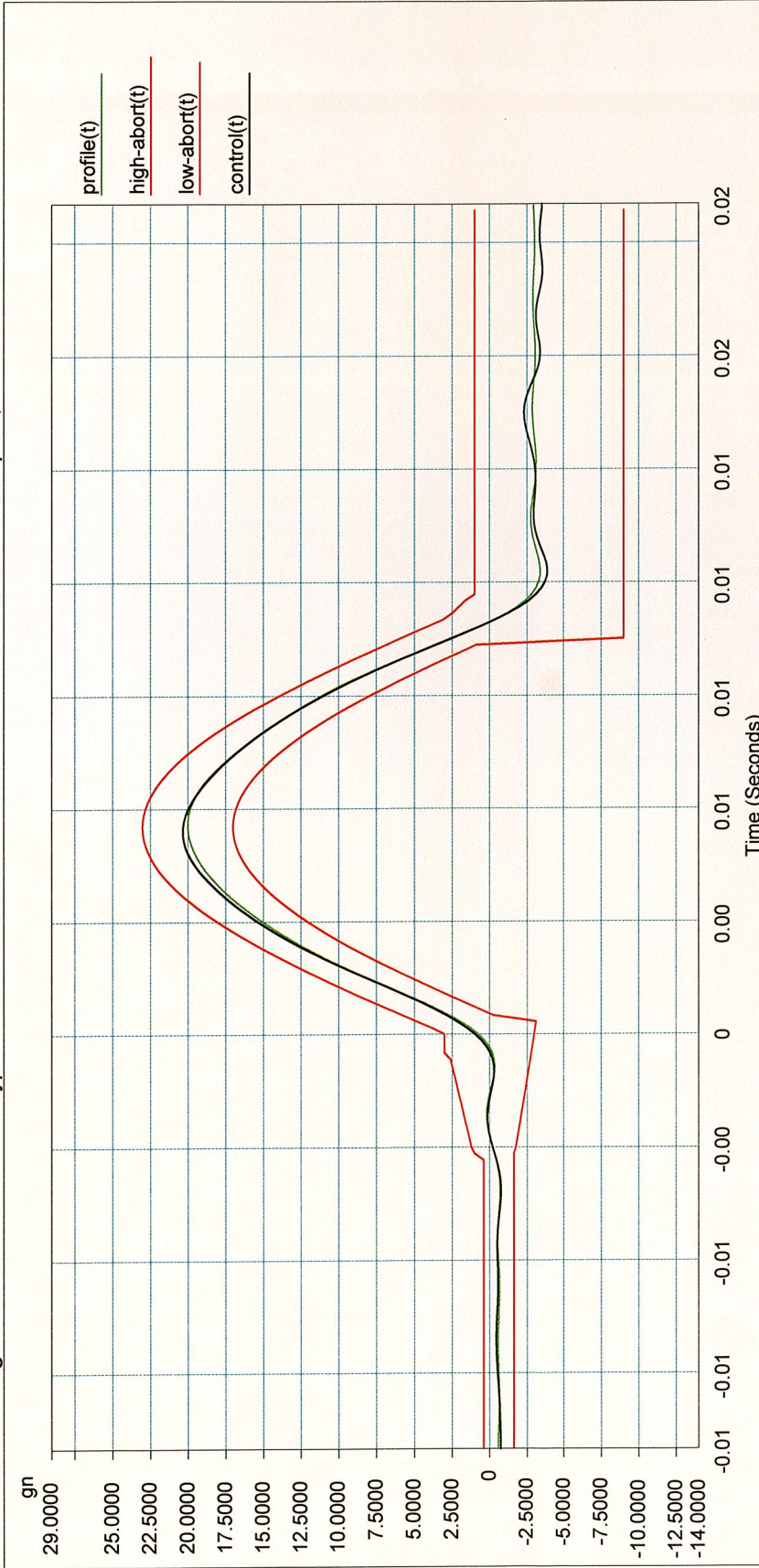


-Z Axis

Serial Number:

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Sep 01, 2011 10-34-04



Level: 100 % Block Size: 4096 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.332668 Control RMS: 2.099151 Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

**-END-**