

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-110902-2

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 : ACD-518D

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>Hsin Tai Chang</i>



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E-mail: service@kdi.tw**TESTING / INSPECTION REPORT****TESTING EQUIPMENT :**

1. Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,
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-518D
- 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)—Booting function was normal after the test.

(2)—No visible damages were found.

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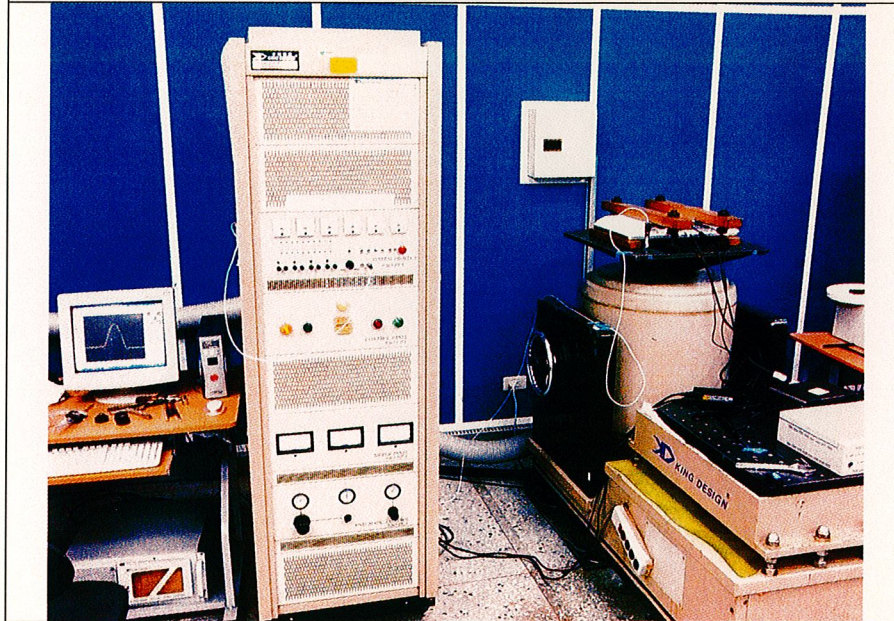
TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

E-mail:service@kdi.tw

TESTING / INSPECTION REPORT

Testing photos

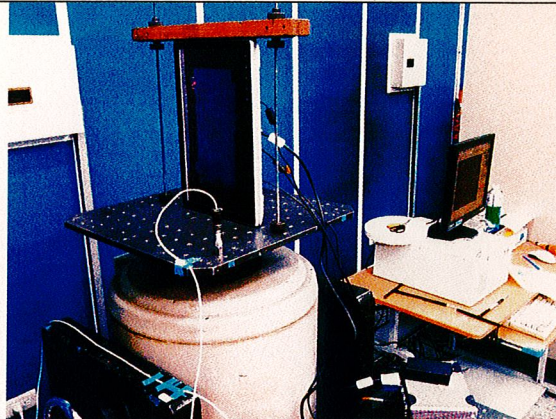
Before test



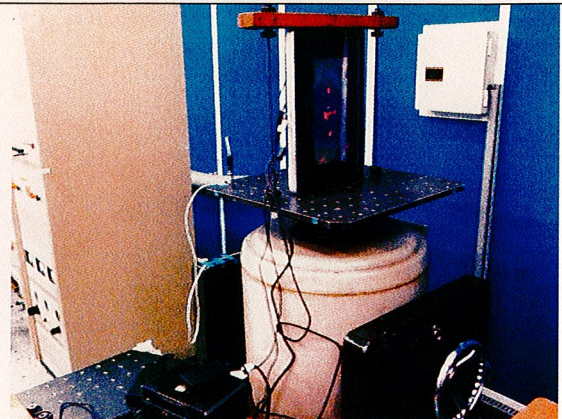
TESTING / INSPECTION REPORT

Testing photos

AXIS +X



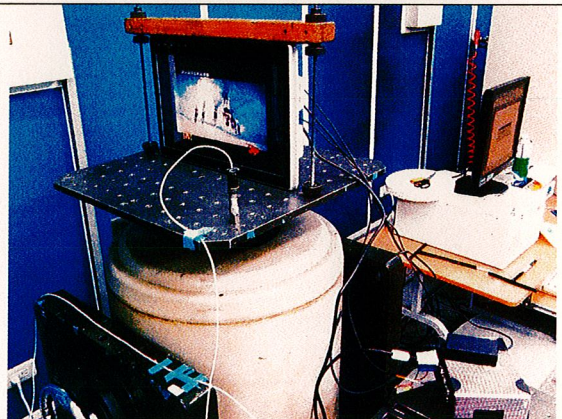
AXIS -X



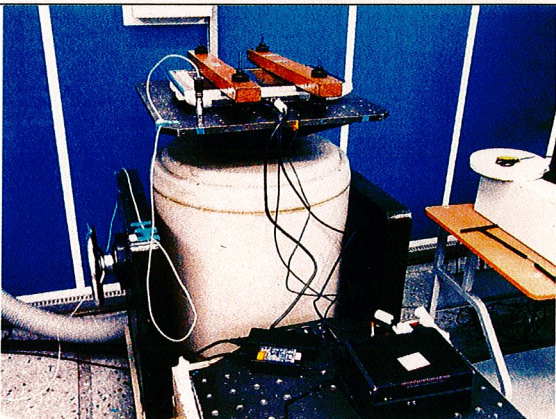
AXIS +Y



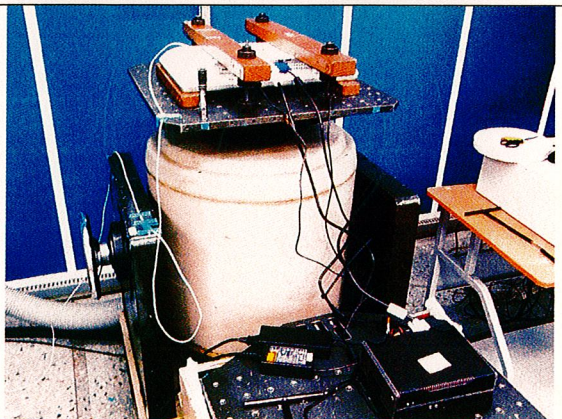
AXIS -Y



AXIS +Z



AXIS -Z



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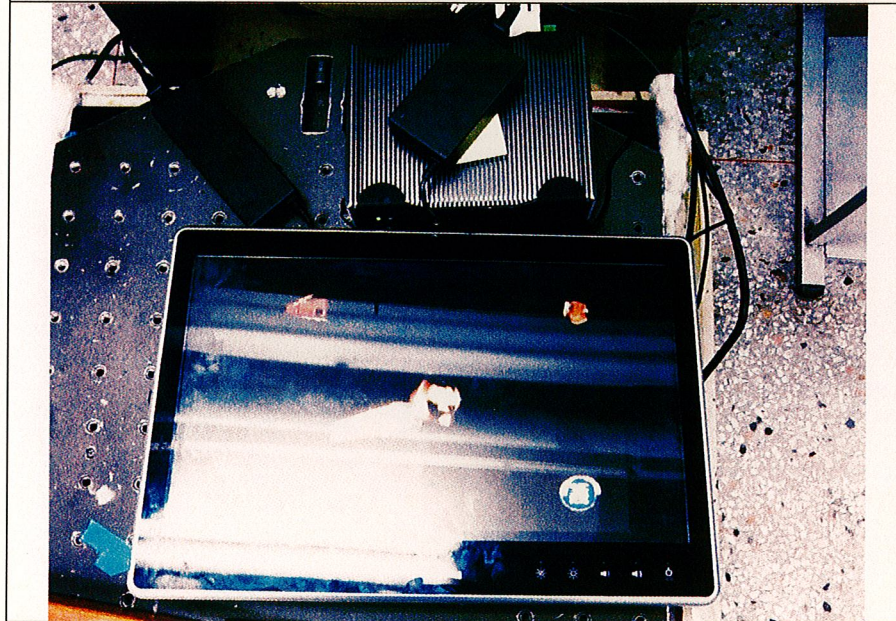
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Testing photos

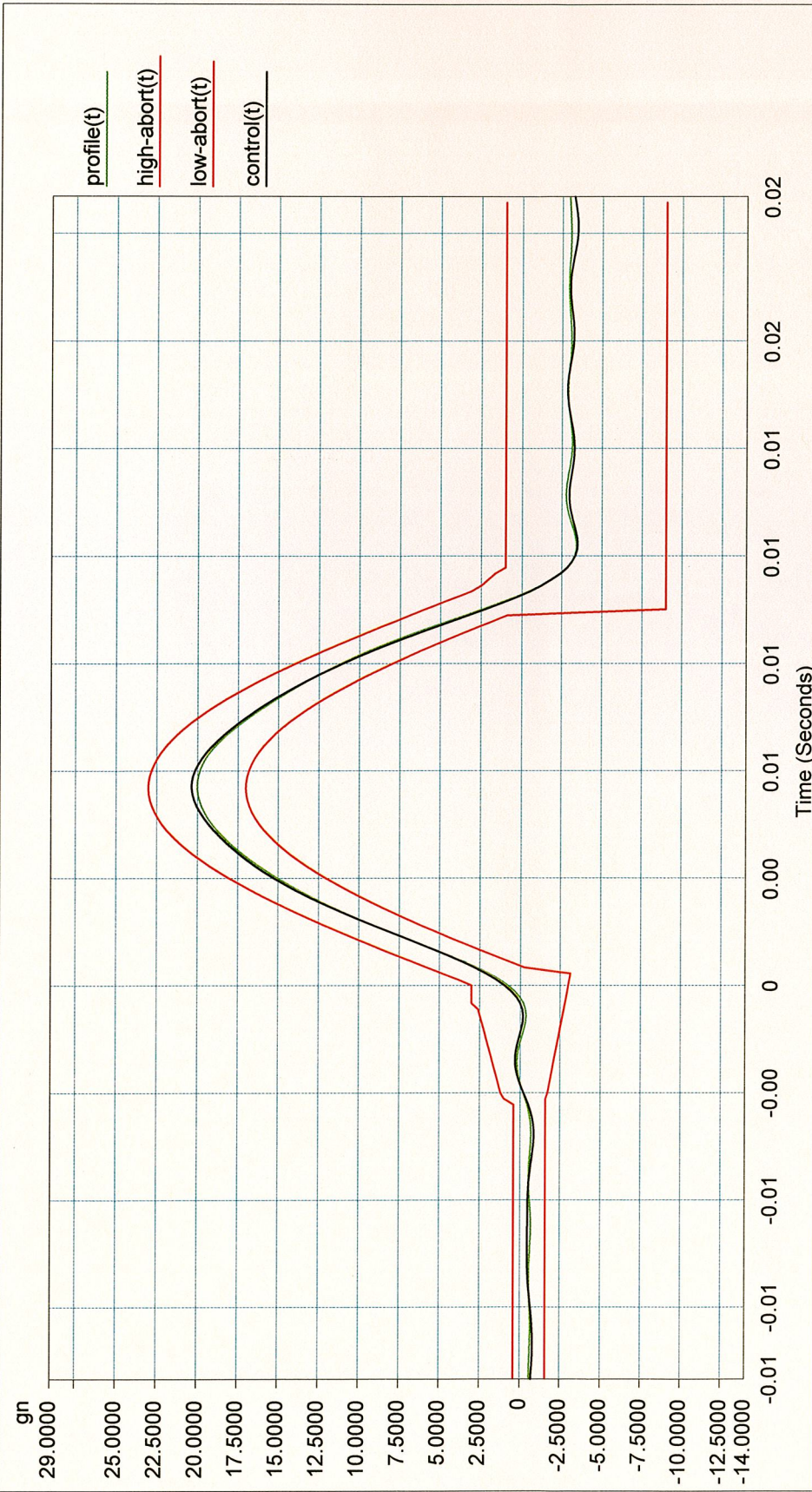
After test



+X Axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Sep 01, 2011 10-53-48



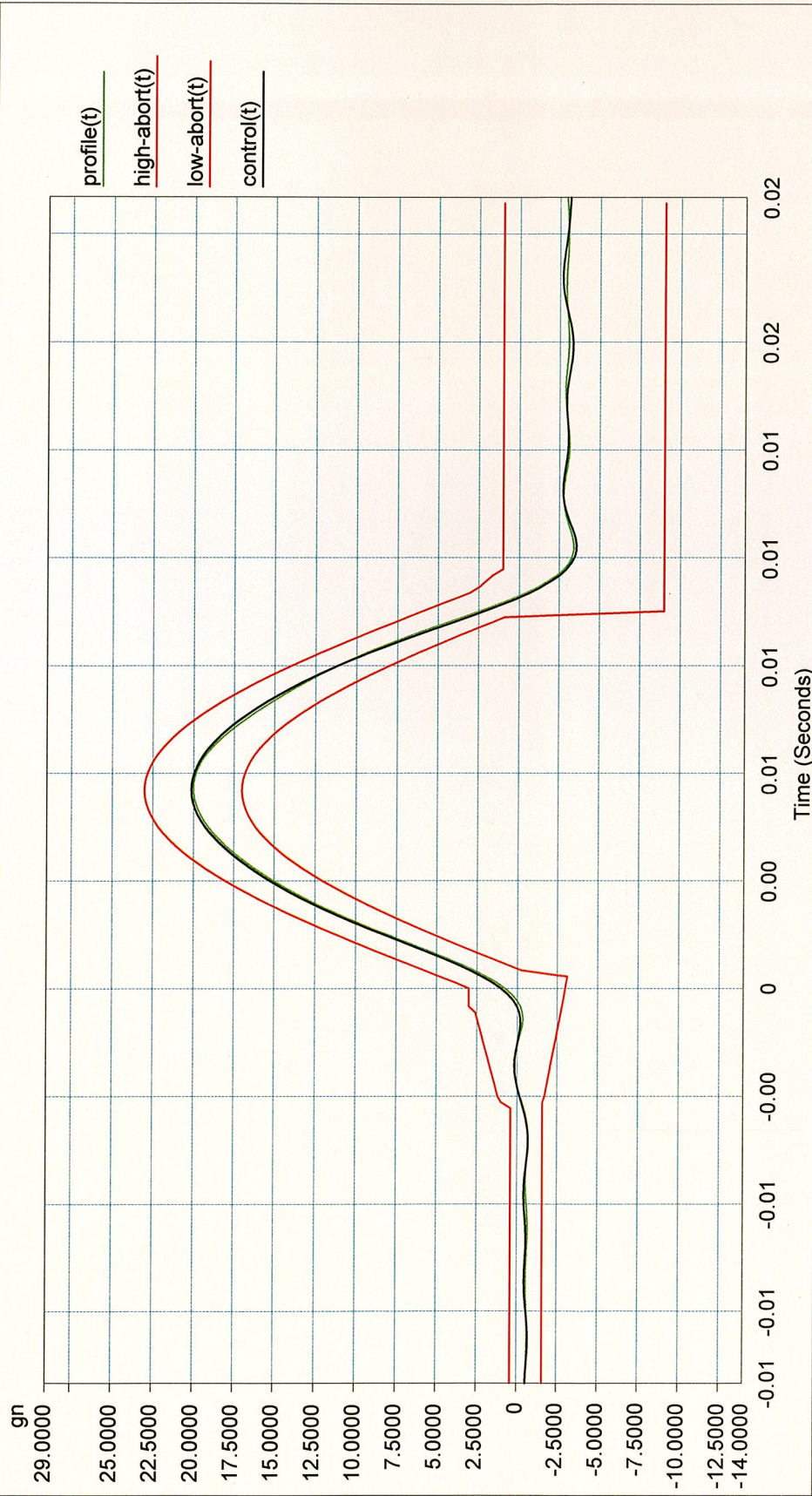
Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.349318 Control RMS: 2.093096 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 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 10-56-08

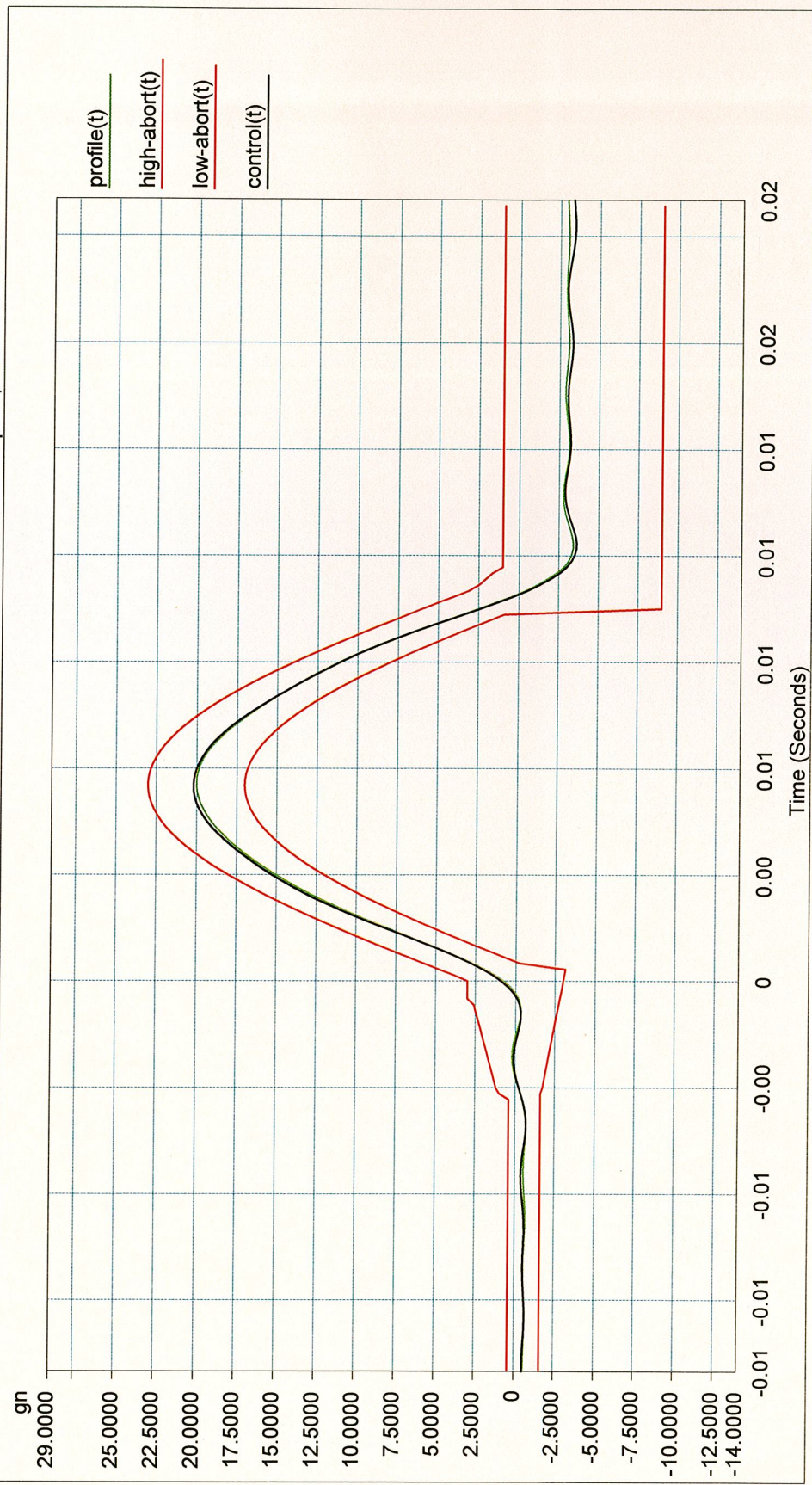


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.130545 Control RMS: 2.083810 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Y Axis

Project File Name: 研揚 20g 11mS.prj

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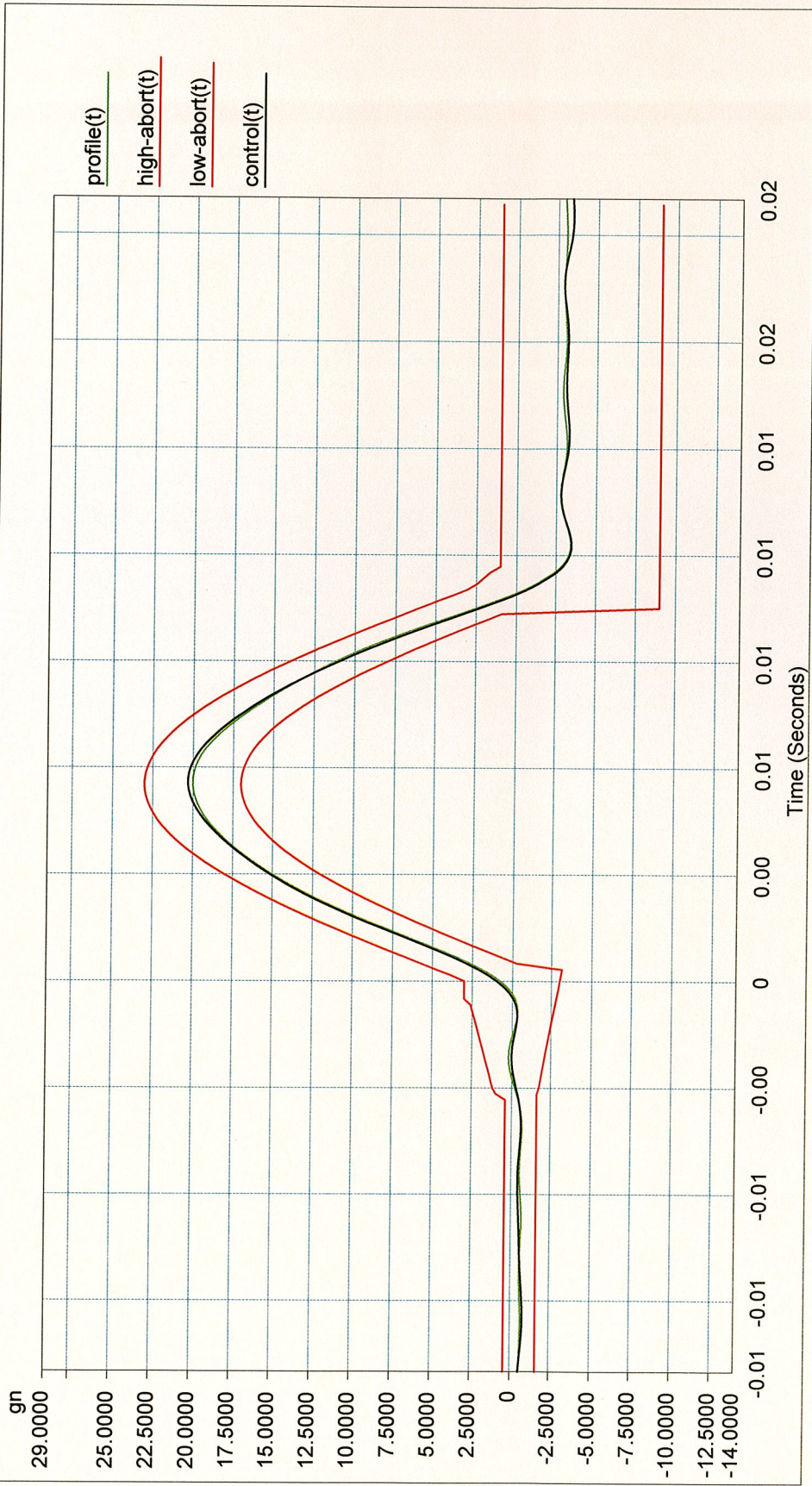


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.189806 Control RMS: 2.093426 Full Level Elapsed Pulses: 3
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-Y Axis

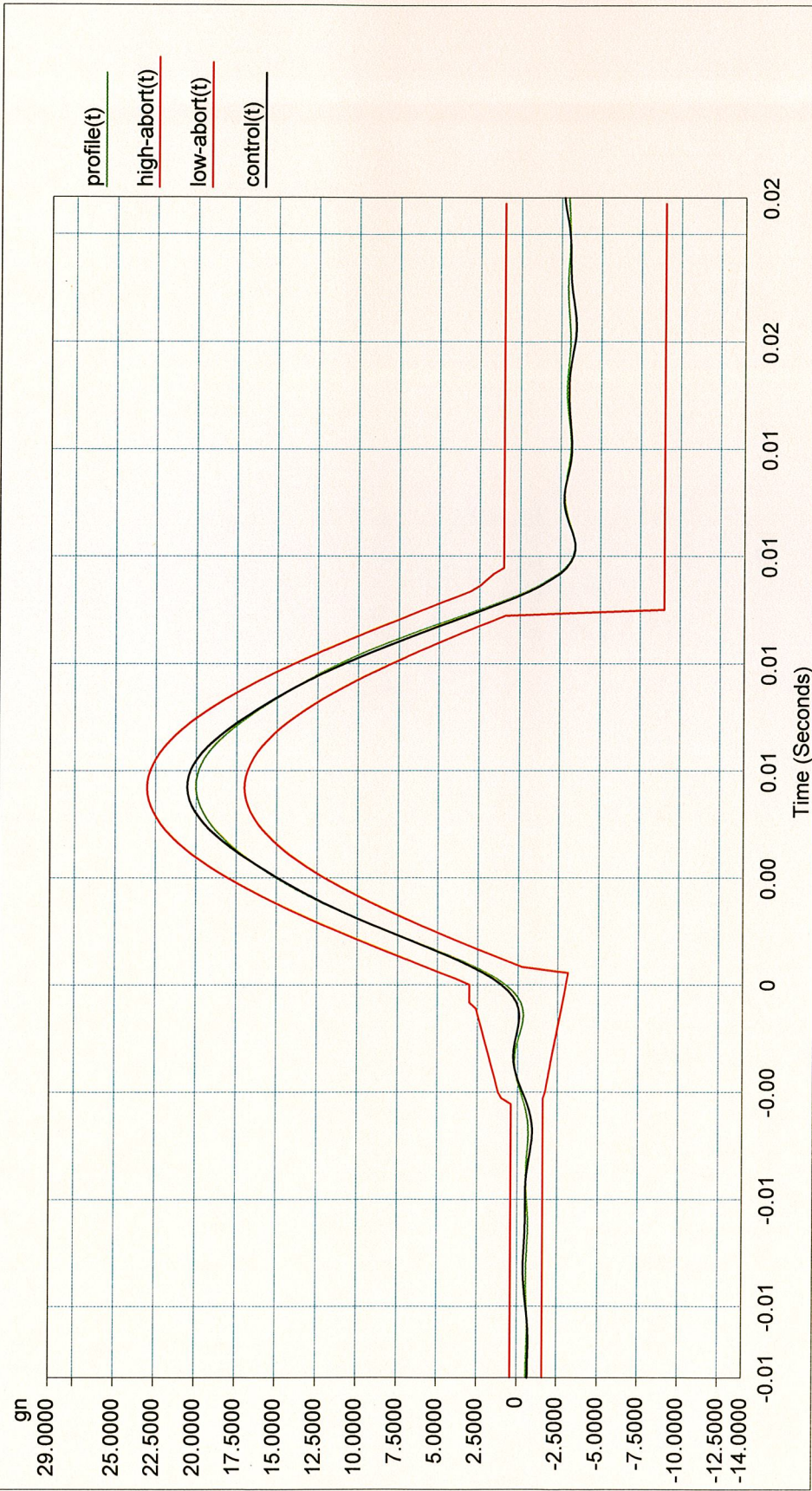
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Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 01, 2011 10-58-48

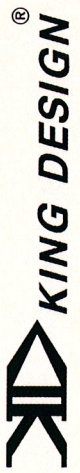


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 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Z Axis
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 Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 01, 2011 11-01-53



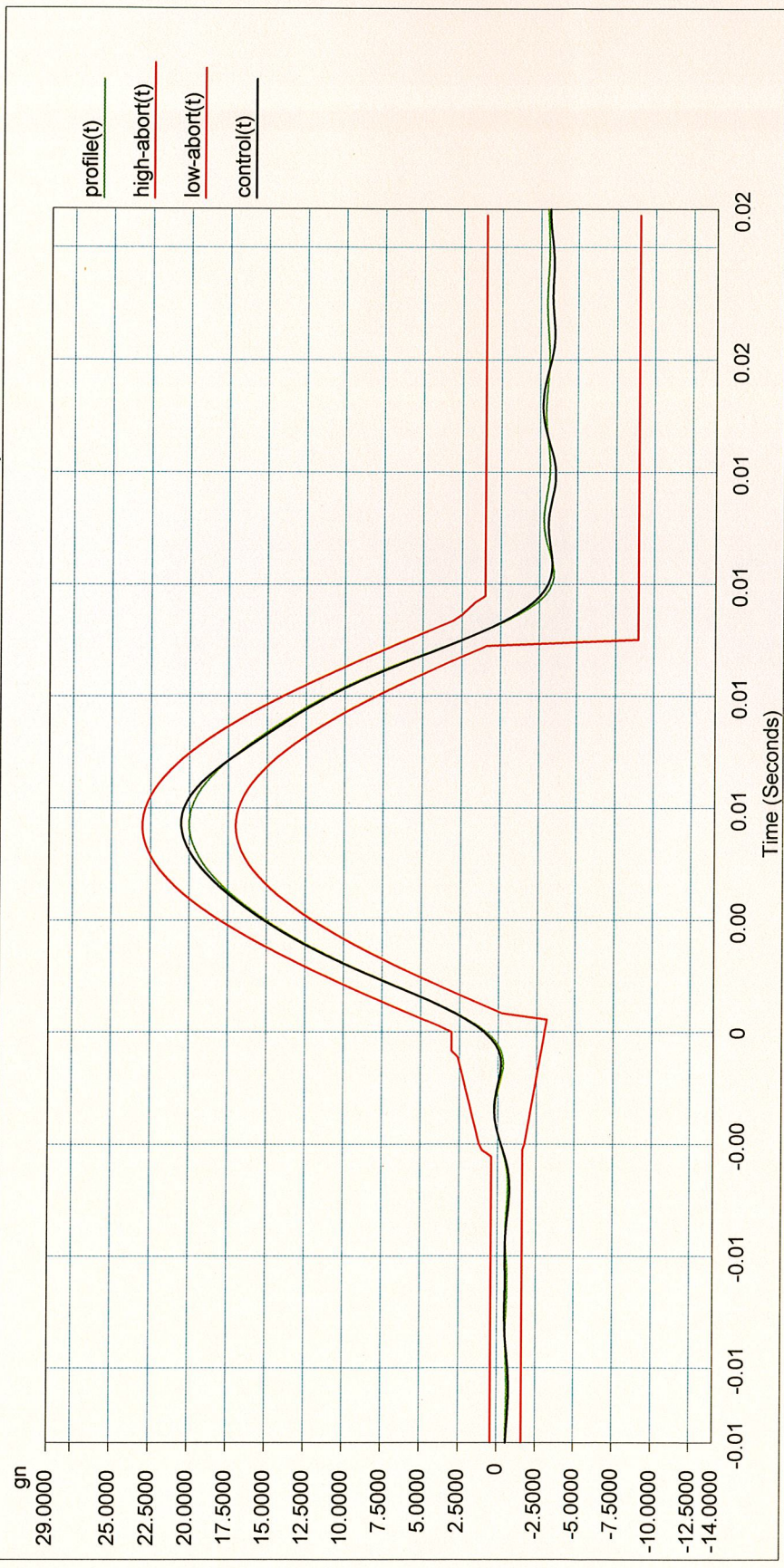
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 Frame Time: 0.682667 Seconds Control Peak: 20.539783 Control RMS: 2.098459 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.048354 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 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 11-03-44



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.514048 Control RMS: 2.097215 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-