

KING DESIGN INDUSTRIAL CO., LTD.

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

RELIABILITY TEST LABORATORY<http://www.kdi.tw><http://www.vibration.com.tw>E-mail: service@kdi.tw**TESTING / INSPECTION REPORT**

REPORT NO : ST-120103-5

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 : POP-70-G5

DATE OF RECEIVED : 2011/12/30

DATE OF TESTED : 2011/12/30

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.

金頓科

Test Engineer :

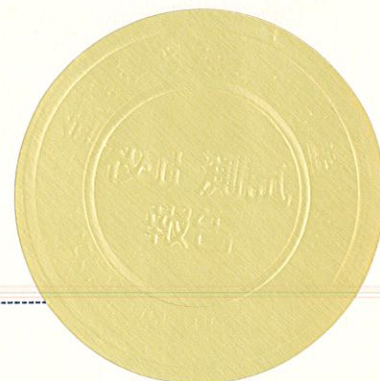
Yi Kai Lai

Approval Signatory :

2012.1.4.

David Lee

Laboratory Head :

Hsin Tai Chang

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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 | : 23.7°C (25±10°C) |
| Relative Humidity | : 58%RH (50±25% RH) |

SPECIMEN :

- | | |
|----------|-------------|
| Model | : POP-70-G5 |
| 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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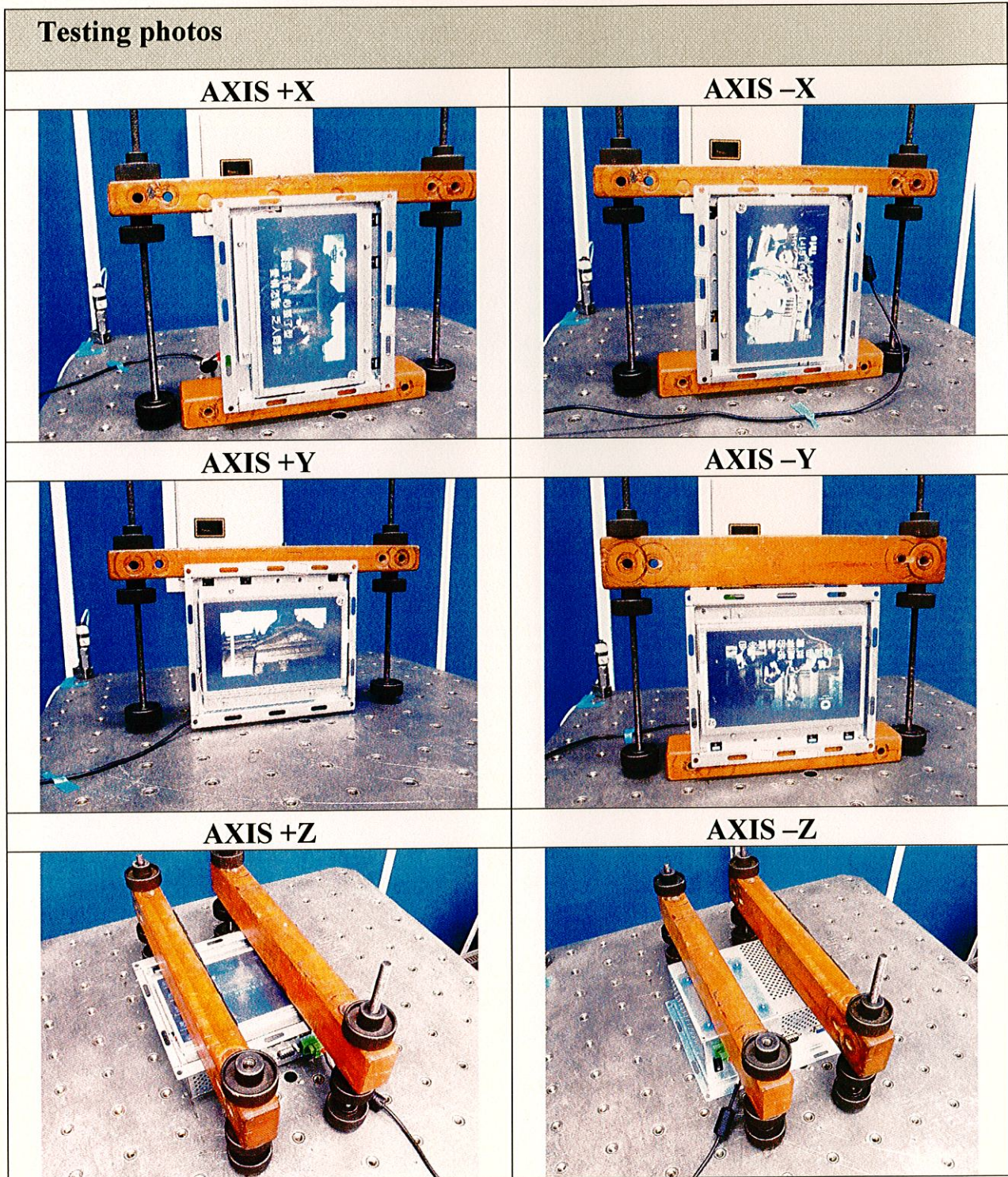
Testing photos

Before test



檢室

TESTING / INSPECTION REPORT



奇縫

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TESTING / INSPECTION REPORT

Testing photos

After test

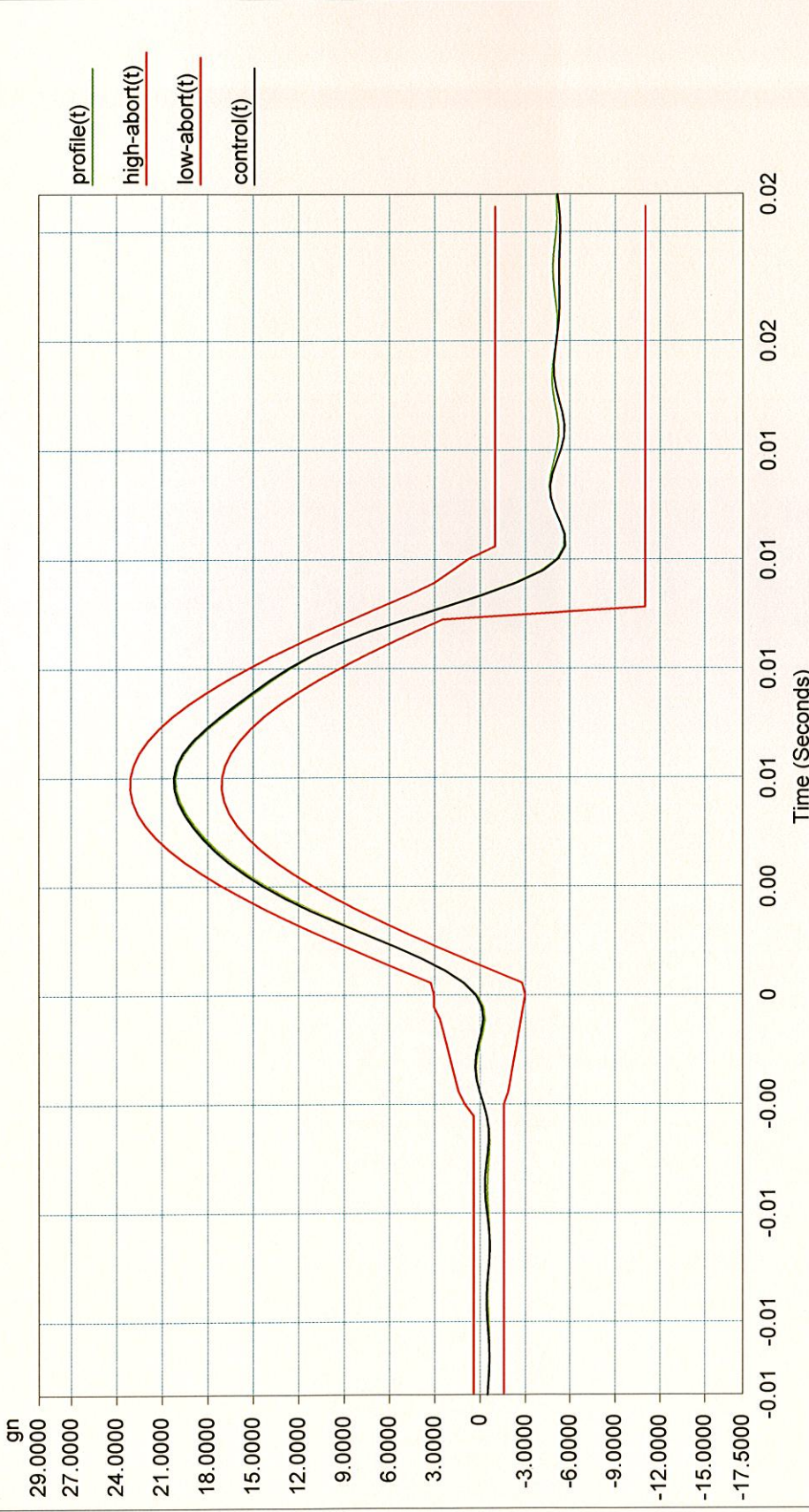


7-1

+X Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 10-07-41



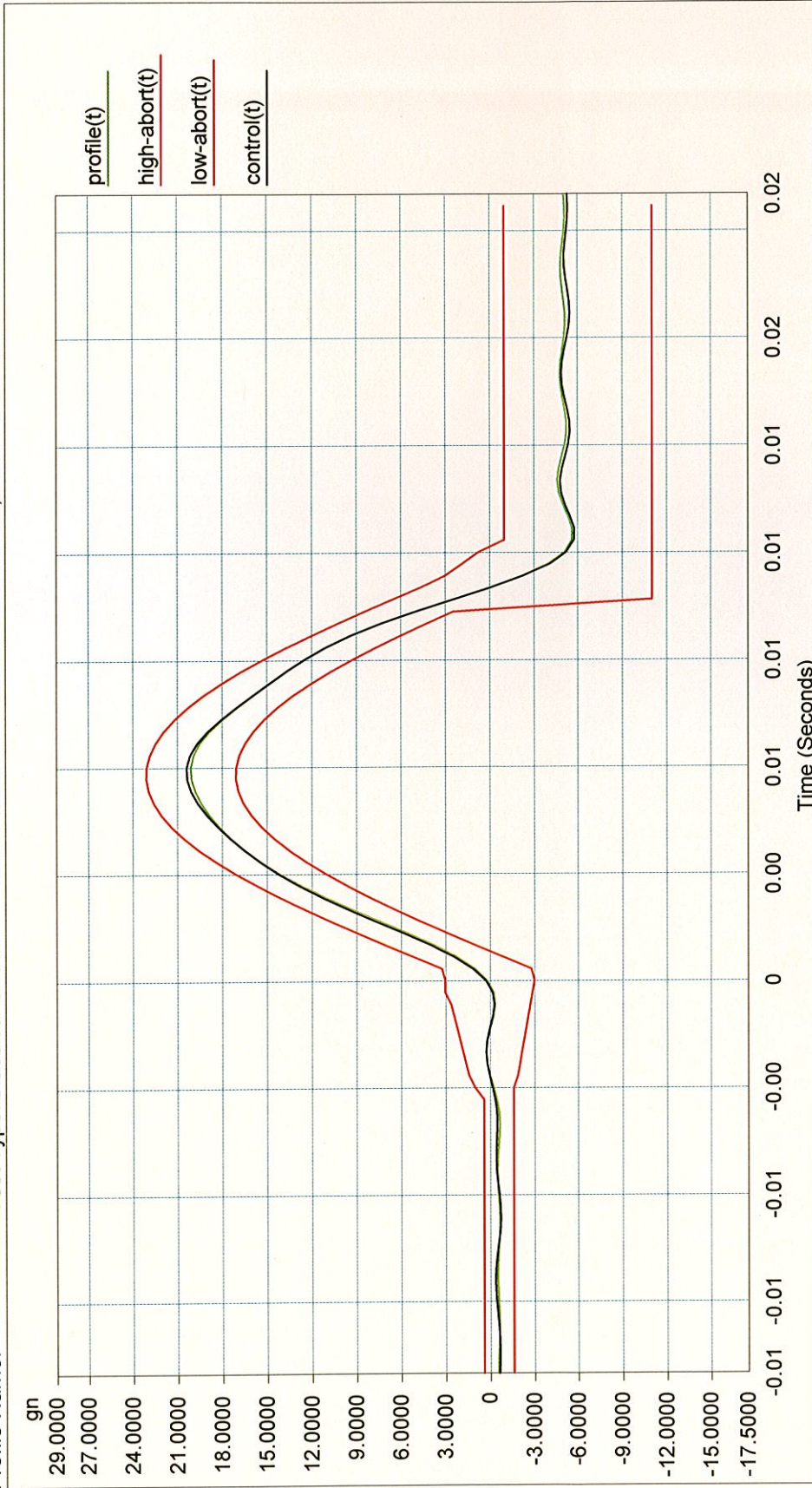
Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.102522 Control RMS: 2.234750 Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-X Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Dec 30, 2011 10-09-16

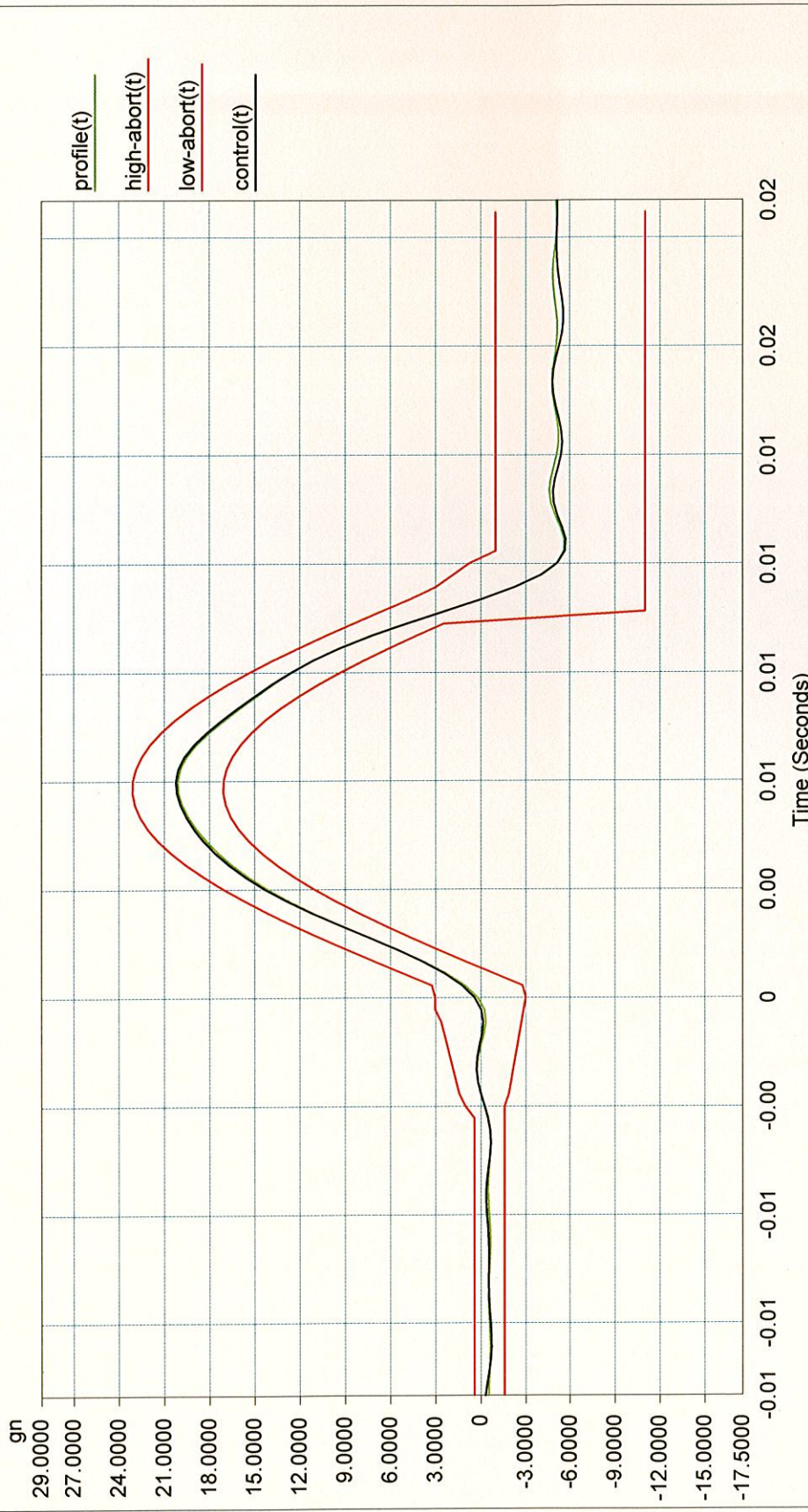


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.278606 Control RMS: 2.233874 Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Y Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 10-03-22



Level: 100 % Block Size: 2048 Elapsed Pulses: 12

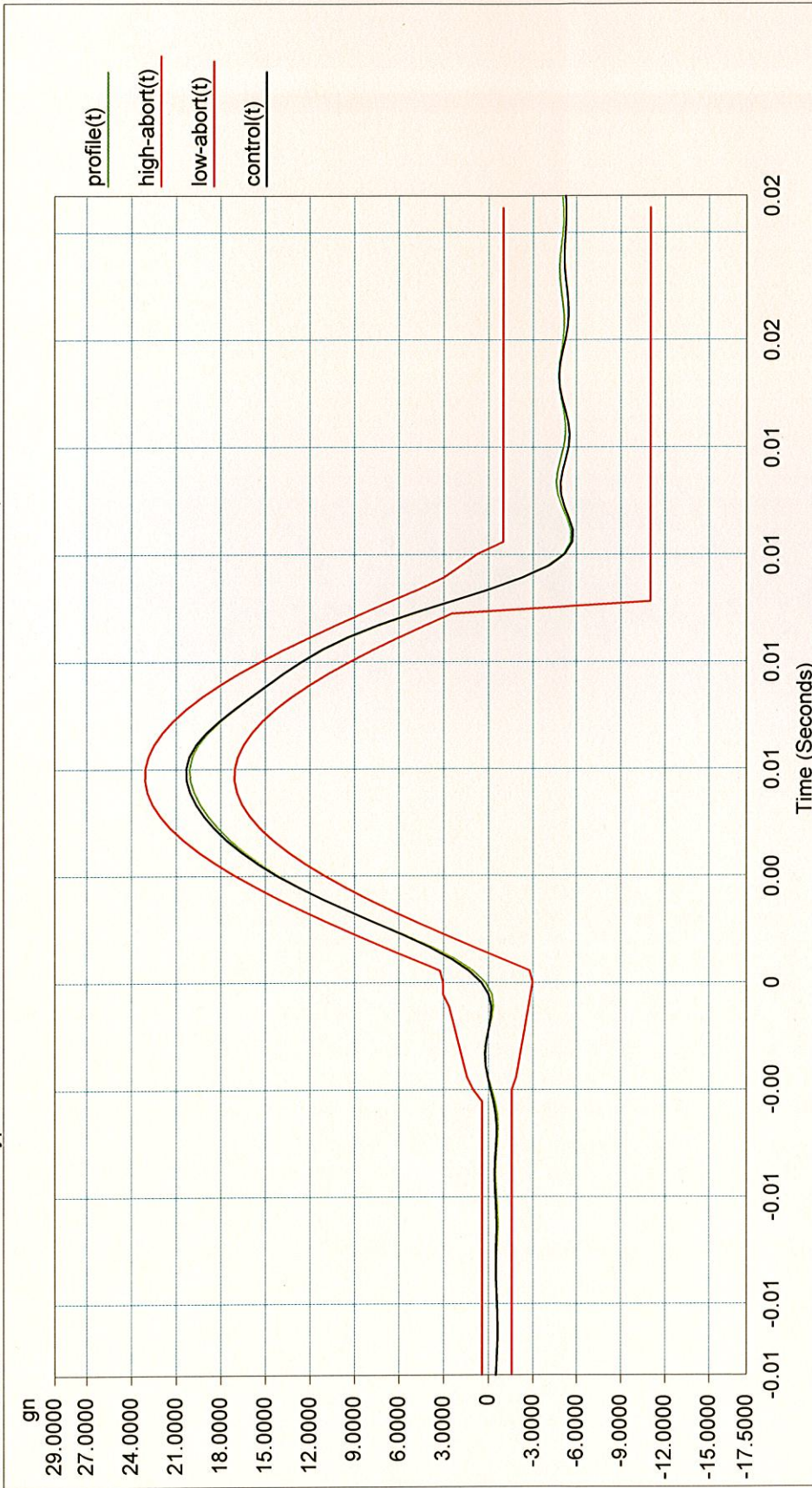
Frame Time: 0.682667 Seconds Control Peak: 20.123711 Control RMS: 2.234688 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0

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



-Y Axis
 Project File Name: 20g 11mS.prj
 Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 10-06-05



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.215231 Control RMS: 2.235694 Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



+Z Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 09-55-37



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.232676 Control RMS: 2.233885 Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-Z Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 09-57-36



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.227753 Control RMS: 2.233490 Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

-END-