

TESTING / INSPECTION REPORT

REPORT NO : ST-170629-1

COMPANY : AAEON Technology Inc.

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Hsin-Tien City, Taipei, Taiwan, R. O. C.

TEL : 886-2-8919-1234

FAX : 886-2-8919-1049

SPECIMEN : ICS-6270 (with SSD)

DATE OF RECEIVED : 2017/06/29

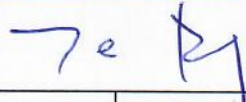
DATE OF TESTED : 2017/06/29

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 21 pages, and no part of it may be abstracted or reproduced.

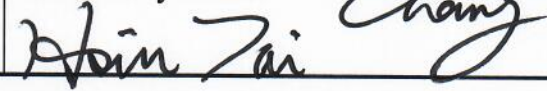
Test Engineer :



Approval Signatory :

2017.7.3. 

Laboratory Head :



金頓科技實驗室

KING DESIGN INDUSTRIAL CO., LTD.

4F, 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

VIBRATION TEST LABORATORY<http://www.kdi.tw><http://www.vibration.com.tw>

E-mail:service@kdi.tw

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TESTING EQUIPMENT :

Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,
S/N : GUG02102091

Controller : DACTRON LASER USB, S/N : 12448370

Control Accelerometer : WILCOXON RESEARCH WR-784A, S/N : 23116

Calibration Date : 2016/11/25

TEST ENVIRONMENT :

Temperature : 27°C (25±10°C)

Relative Humidity : 68%RH (50±20% RH)

SPECIMEN :

Model : ICS-6270 (with SSD)

Quantity : 1 unit

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TEST SPECIFICATION (1) :

As per applicant's requirement

Shock test (Operating)

Wave Form : Half Sine wave
 Acceleration : 10 g
 Duration Time : 11 ms
 No. of Shock : Each axis 3 times
 Shock Direction : $\pm X$, $\pm Y$, $\pm Z$ axis

TEST SPECIFICATION (2) :

As per applicant's requirement

Shock test (Non-Operating)

Wave Form : Half Sine wave
 Acceleration : 20 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 ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---
(1)—Booting function was normal after the test.			
(2)—No visible damages were found.			

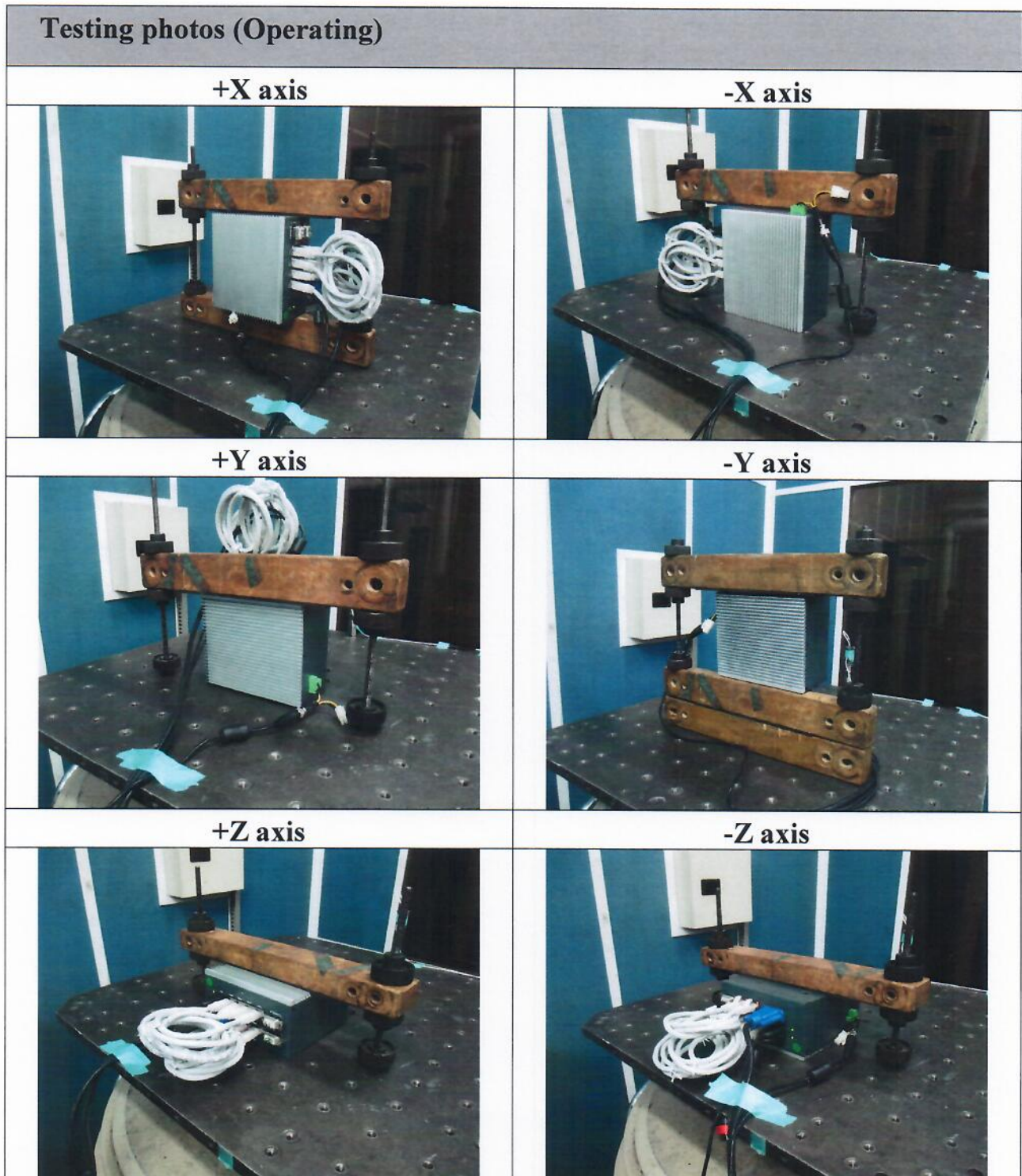
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Testing photos (Operating)

Tester



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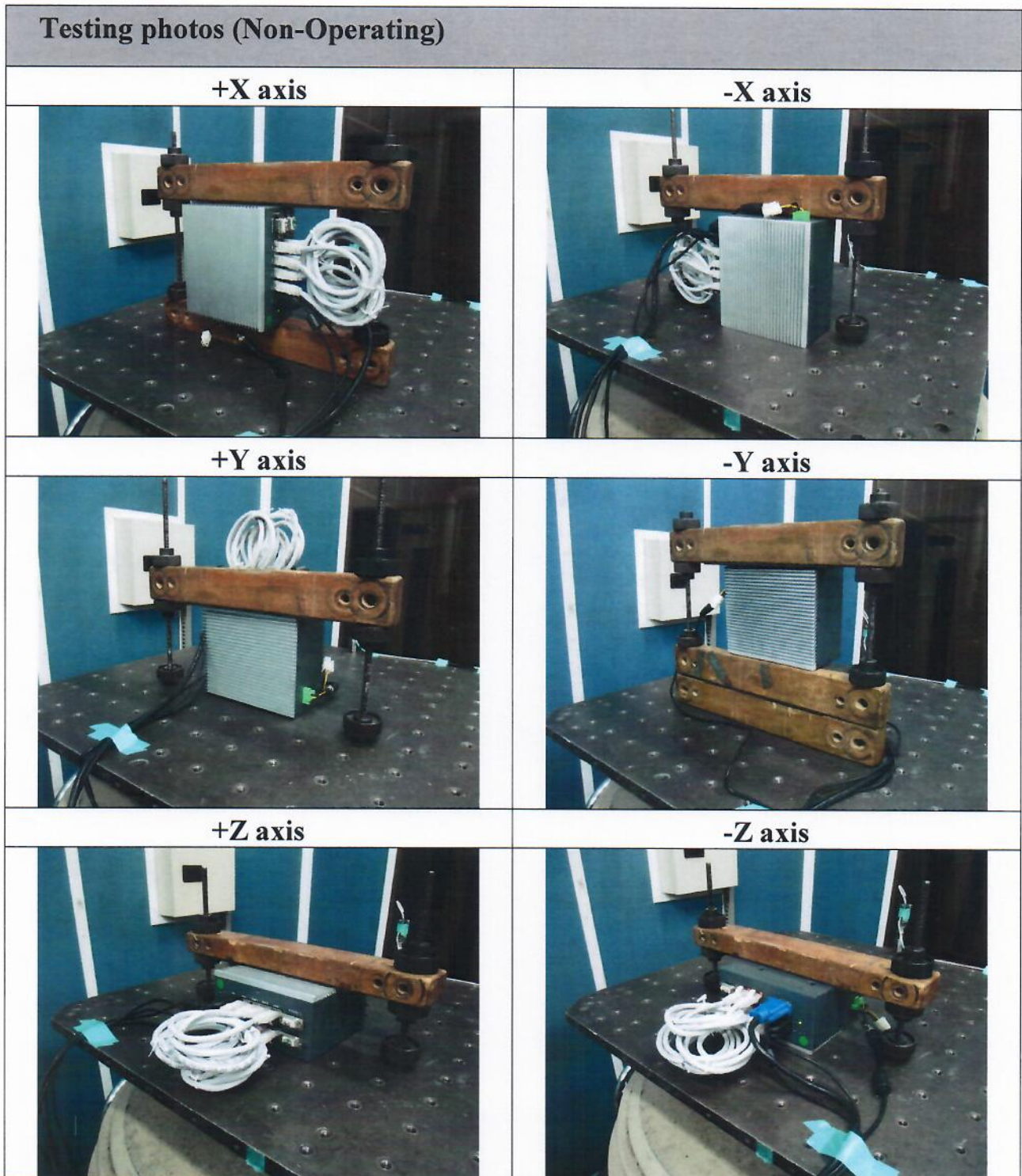
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Testing photos (Non-Operating)

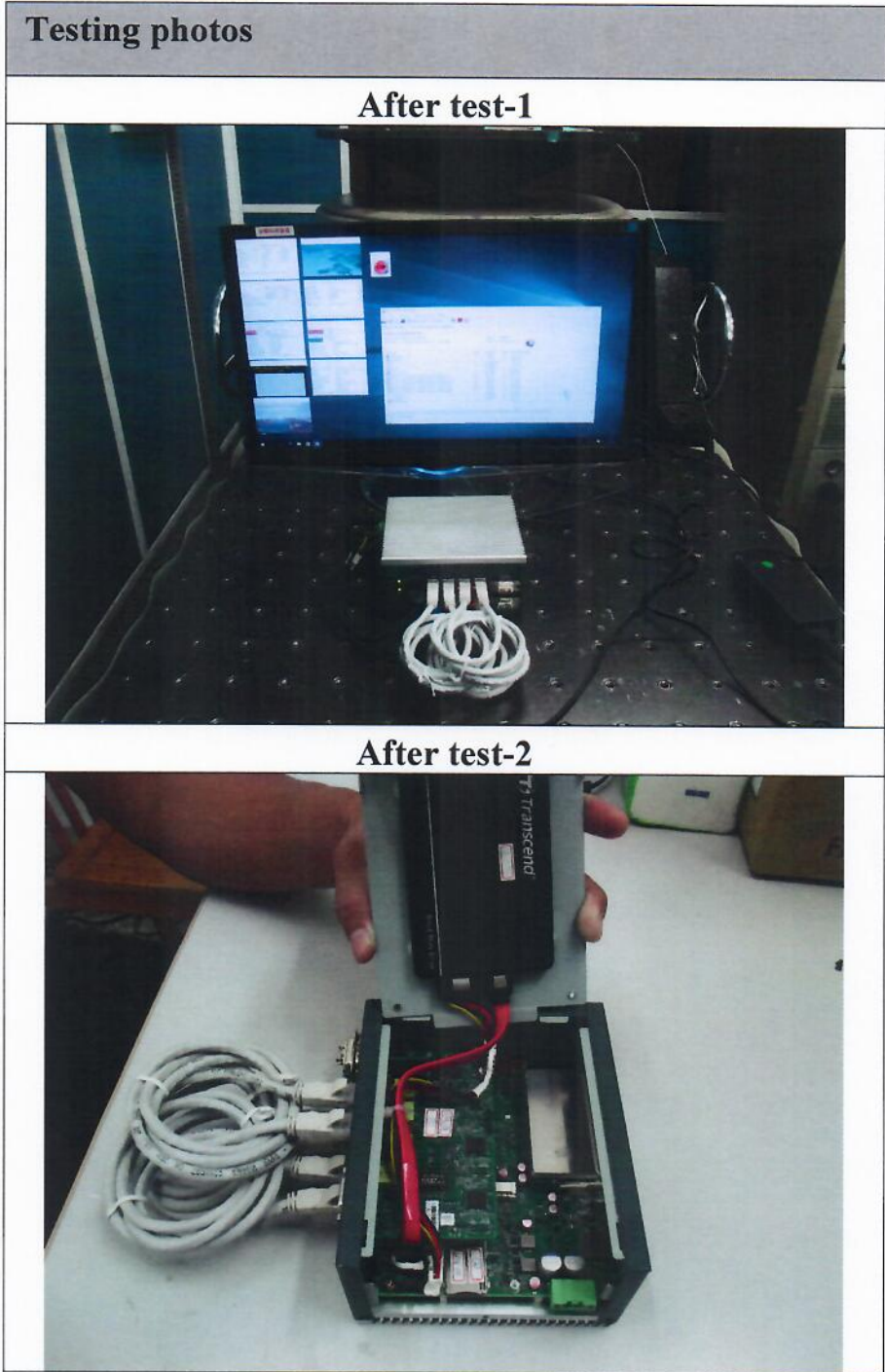
Tester



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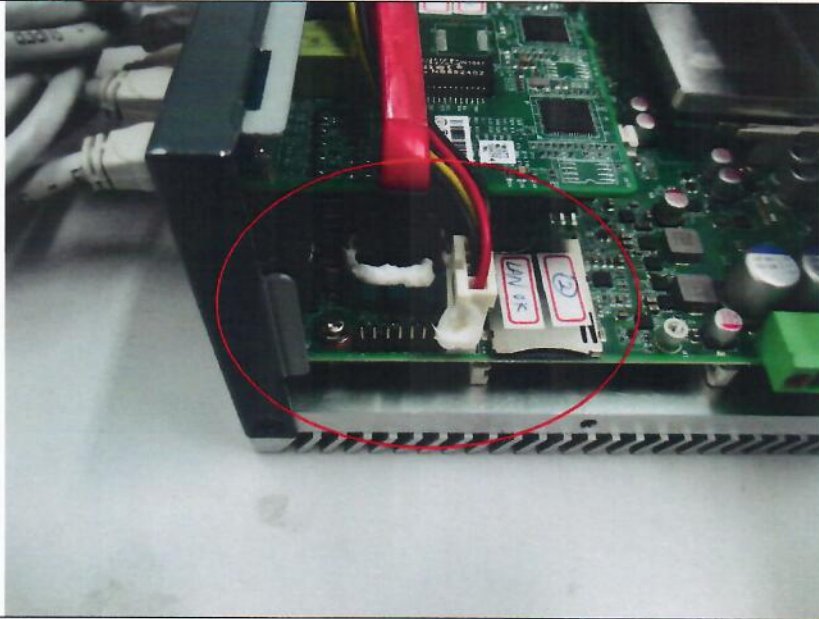
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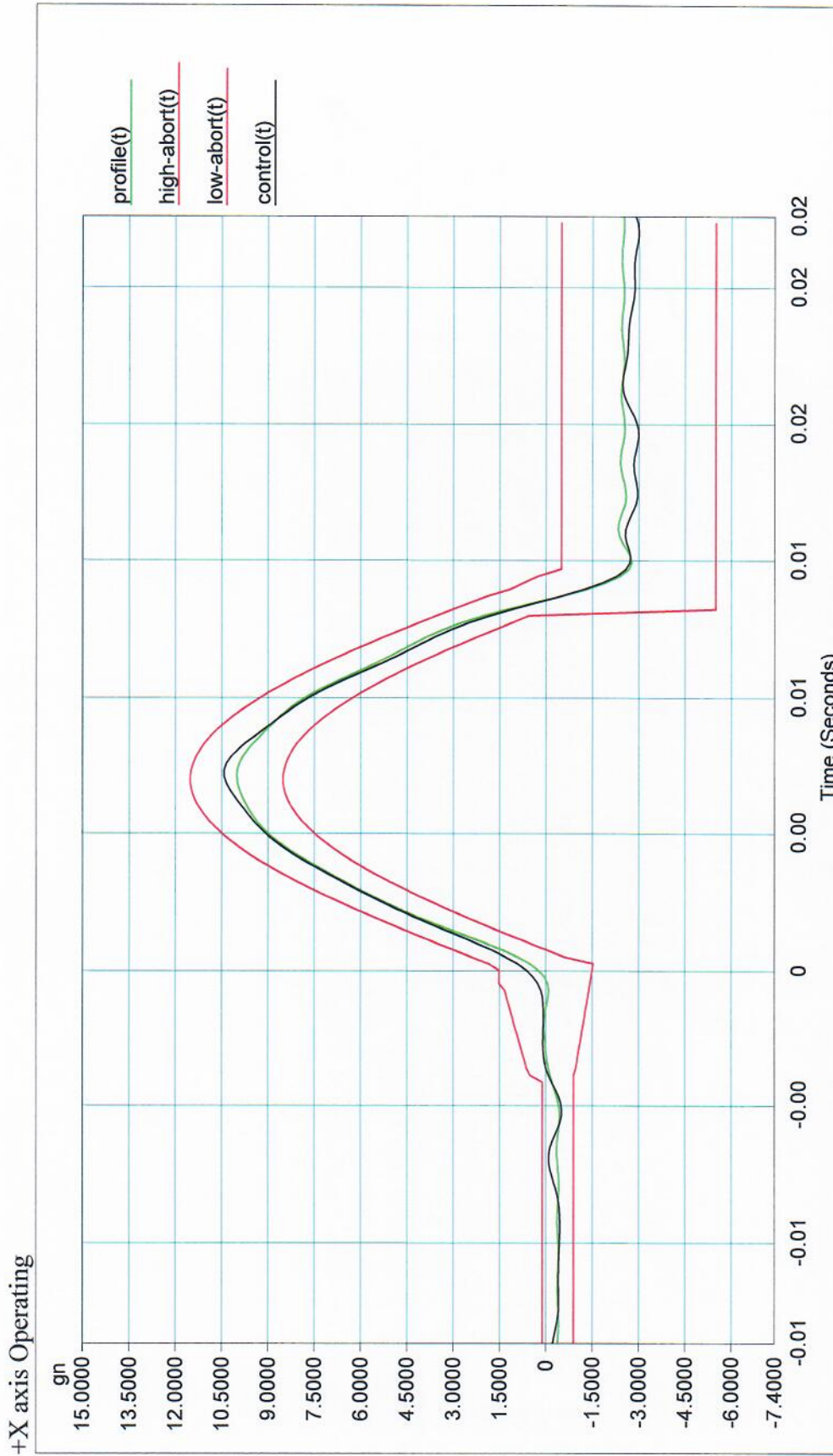


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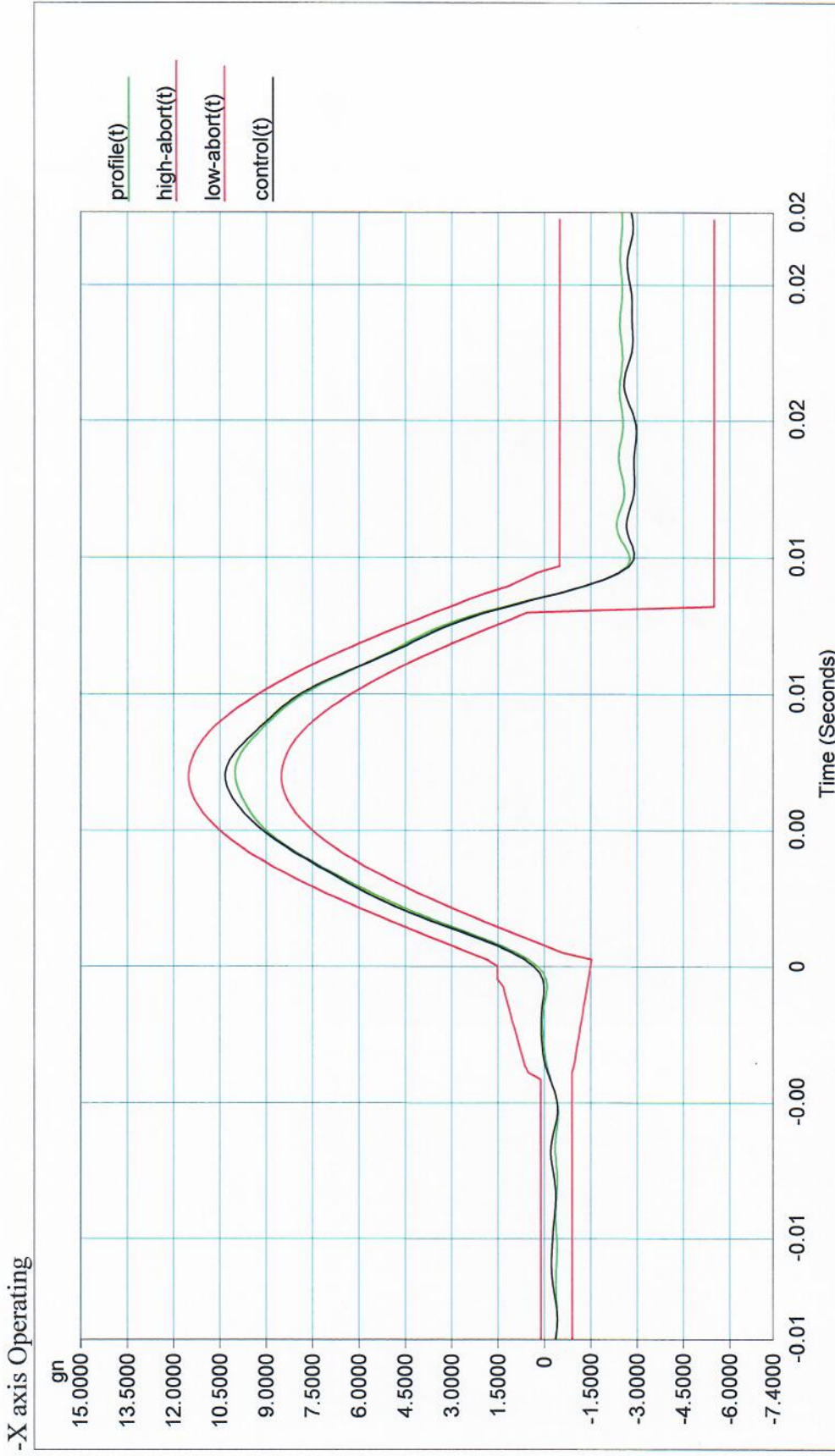
Testing photos

After test-3

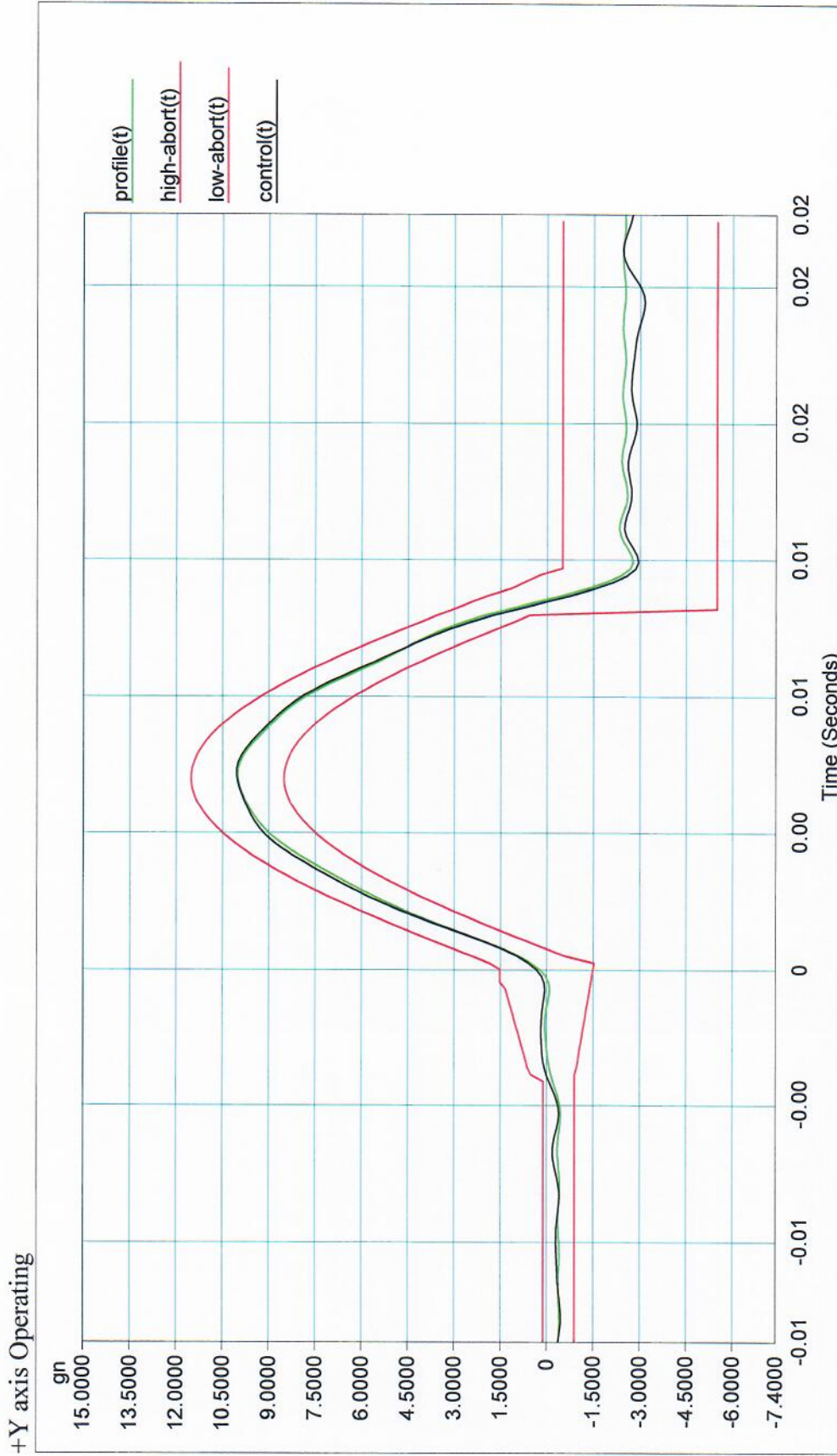




Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.400000 Seconds Control Peak: 10.409165 Control RMS: 1.481543 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 10.000000 Pulse Width: 11.000000 ms

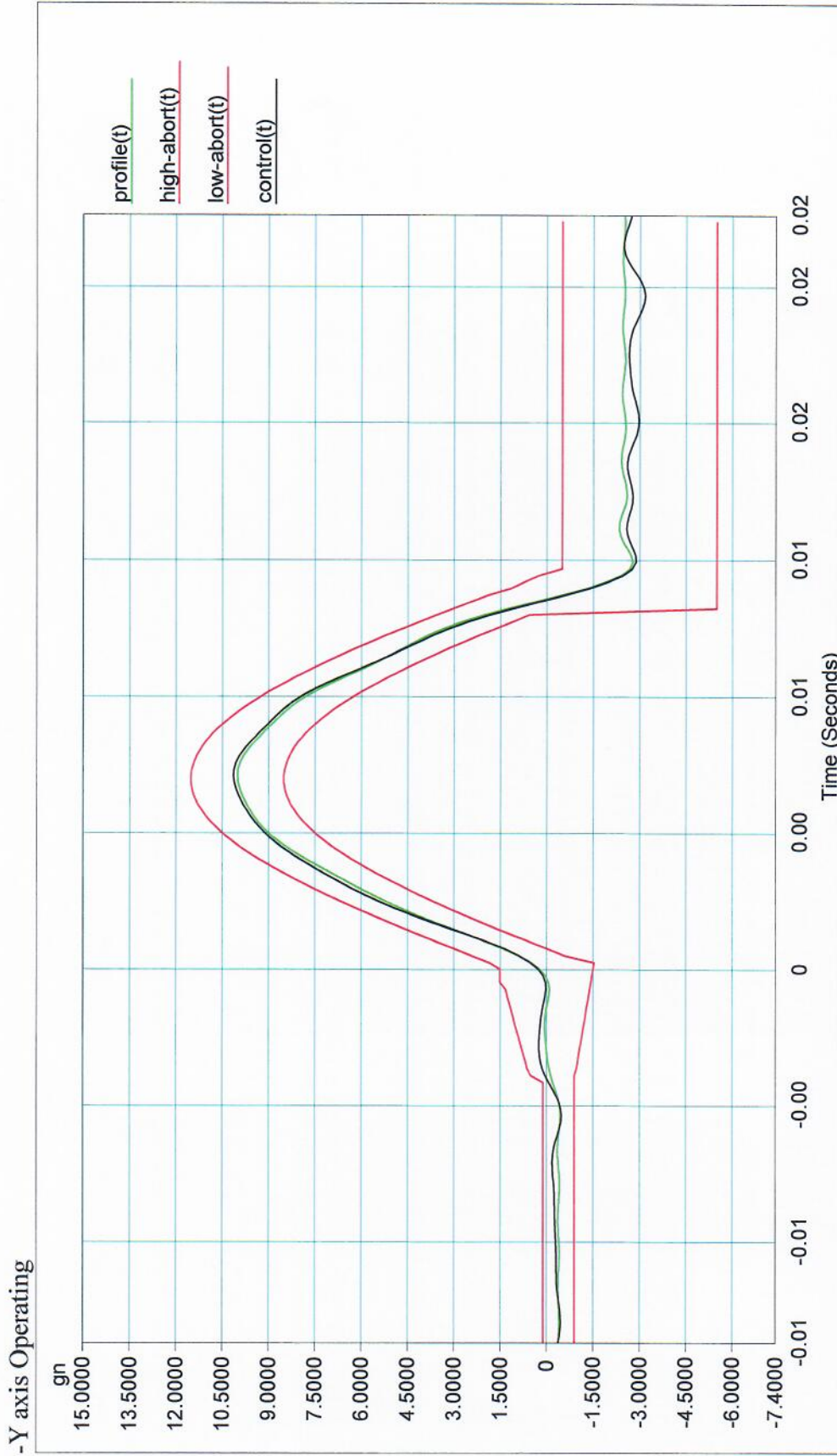


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.400000 Seconds Control Peak: 10.322645 Control RMS: 1.486493 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 10.000000 Pulse Width: 11.000000 ms

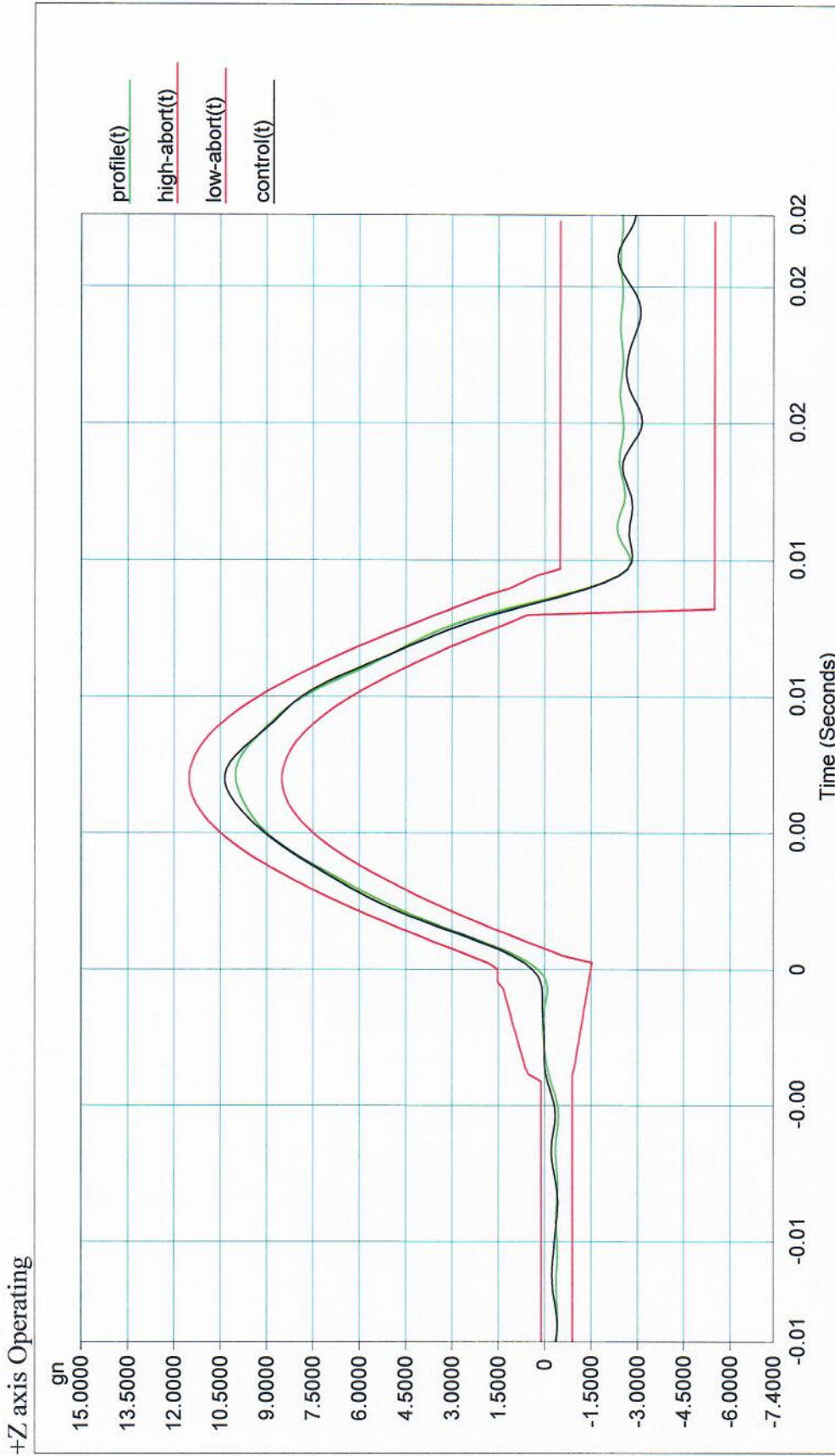


+Y axis Operating

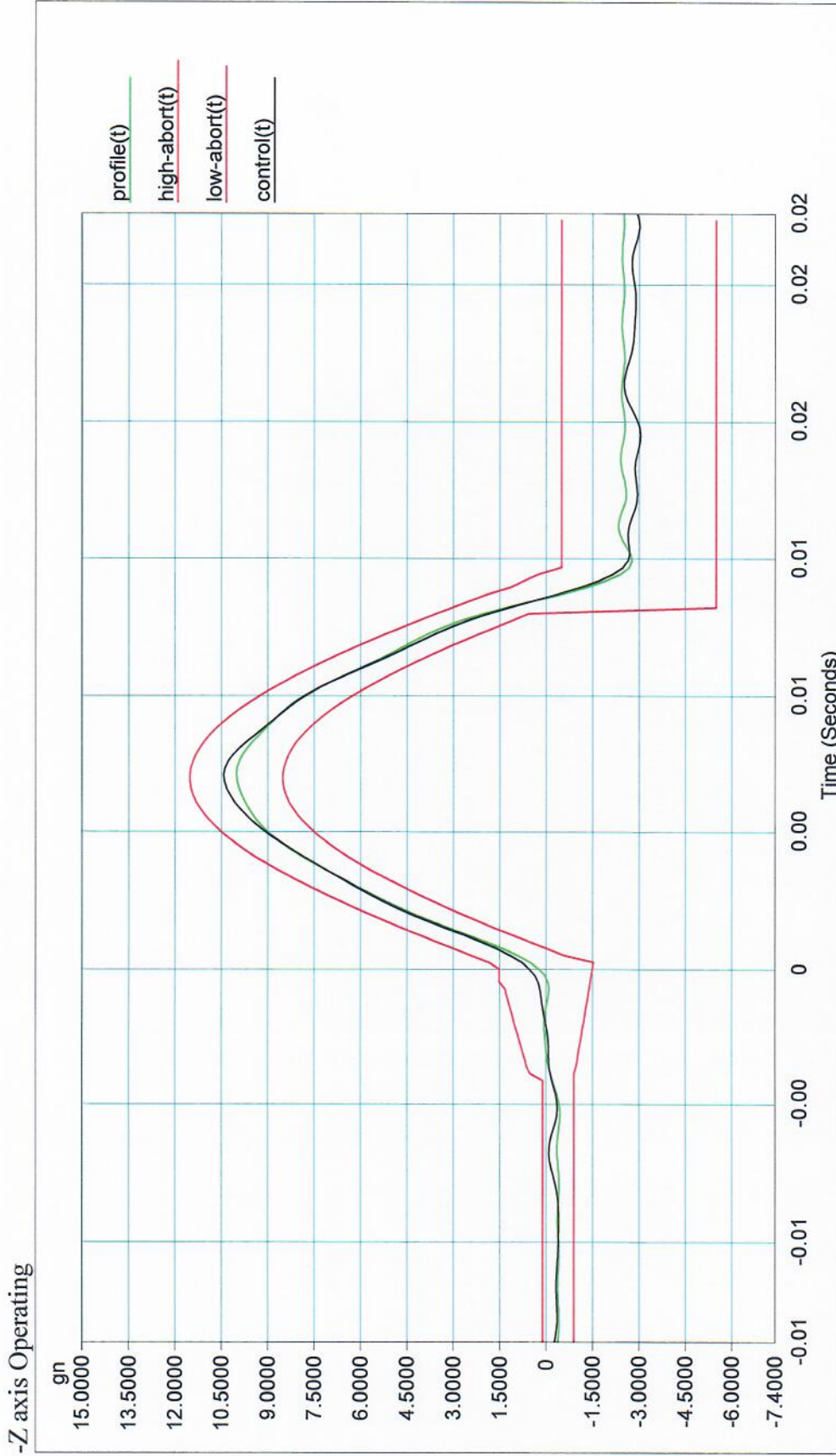
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.035992 Control RMS: 1.480549 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 10.000000



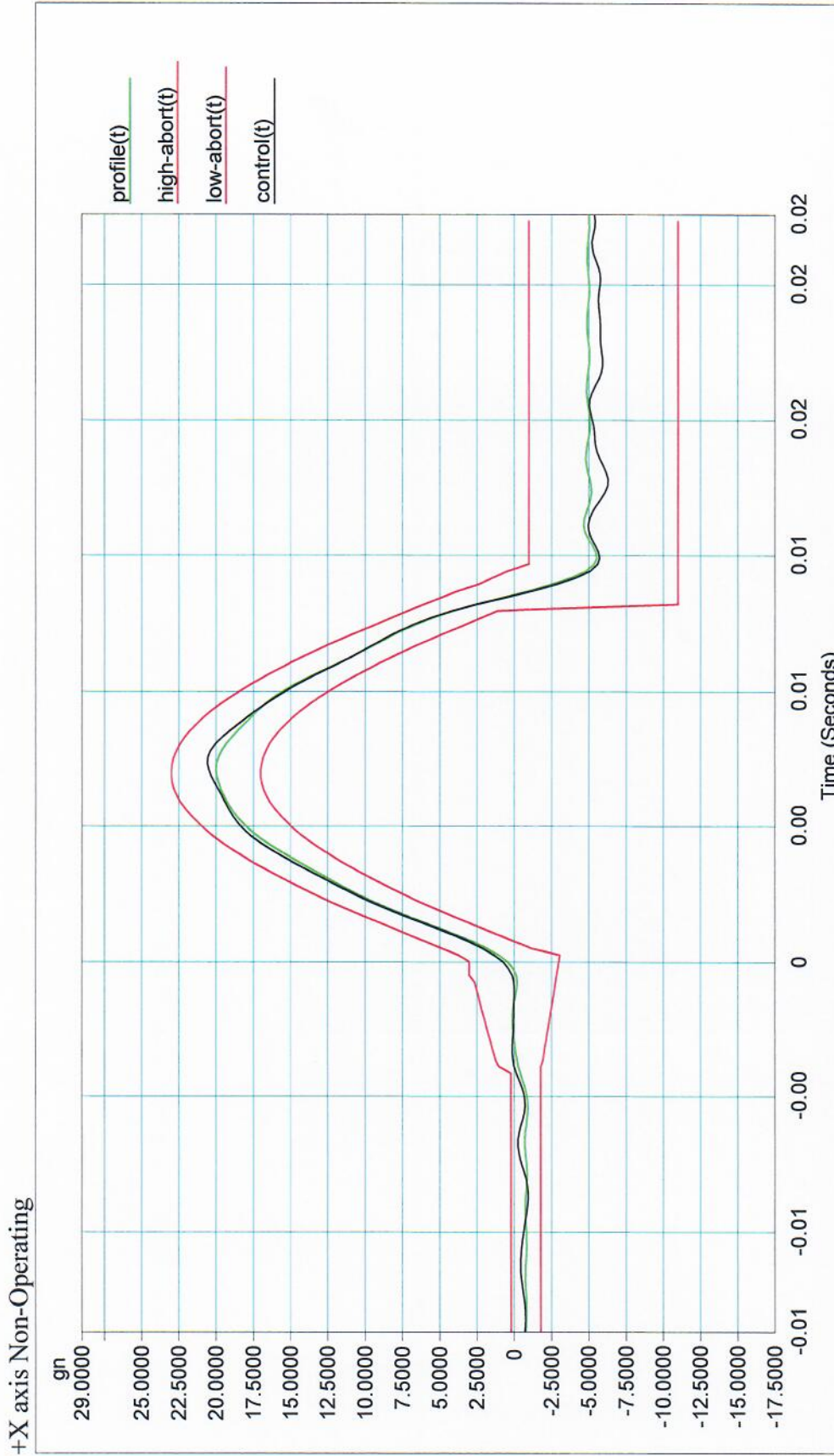
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.129571 Control RMS: 1.482300 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777
 Pulse Type: Half Sine Amplitude: 10.000000 Pulse Width: 11.000000 ms



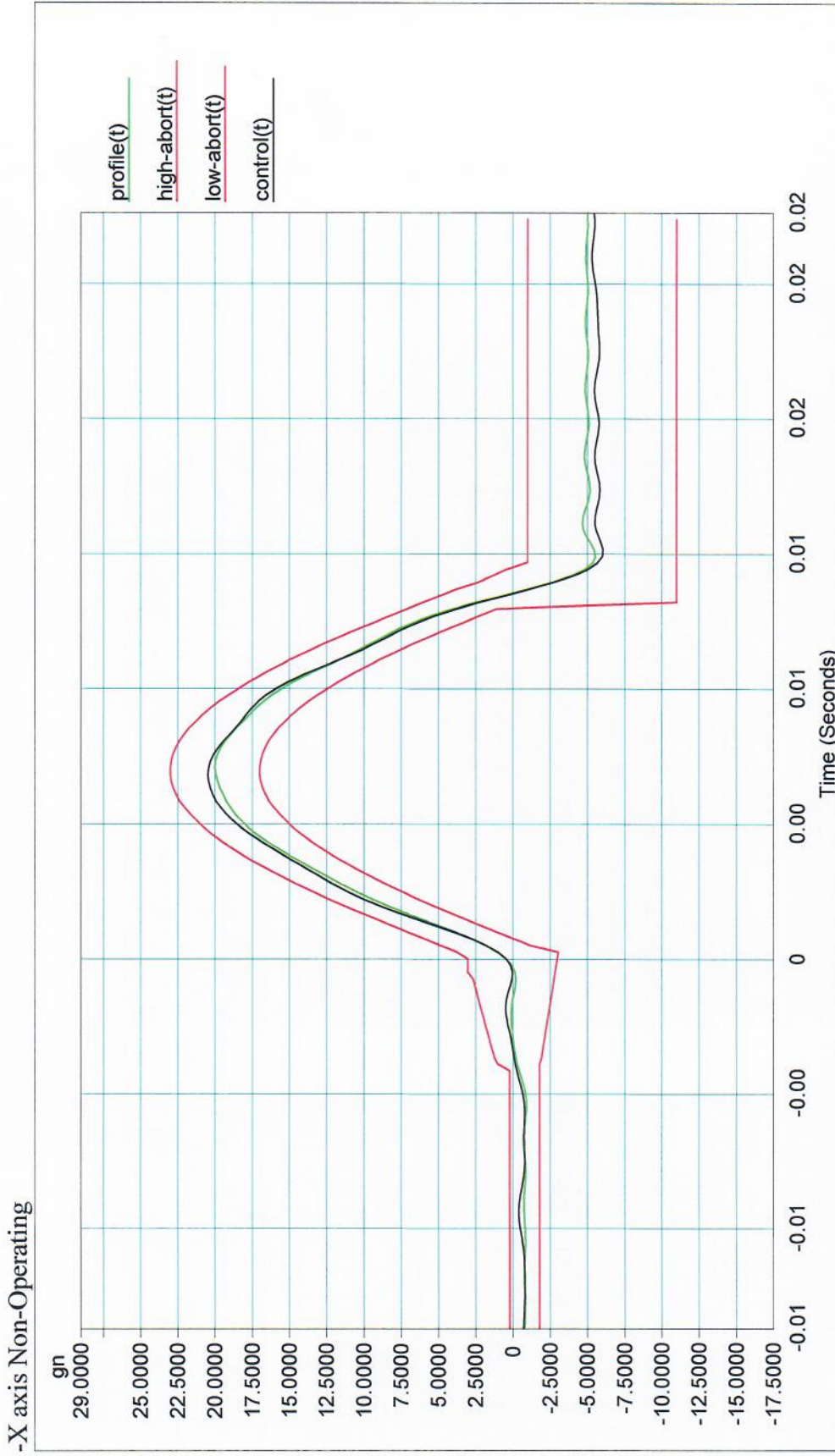
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.355047 Control RMS: 1.482900 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777
 Pulse Type: Half Sine Amplitude: 10.000000 Pulse Width: 11.000000 ms



Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.400000 Seconds Control Peak: 10.414369 Control RMS: 1.482965 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 10.000000 Pulse Width: 11.000000 ms

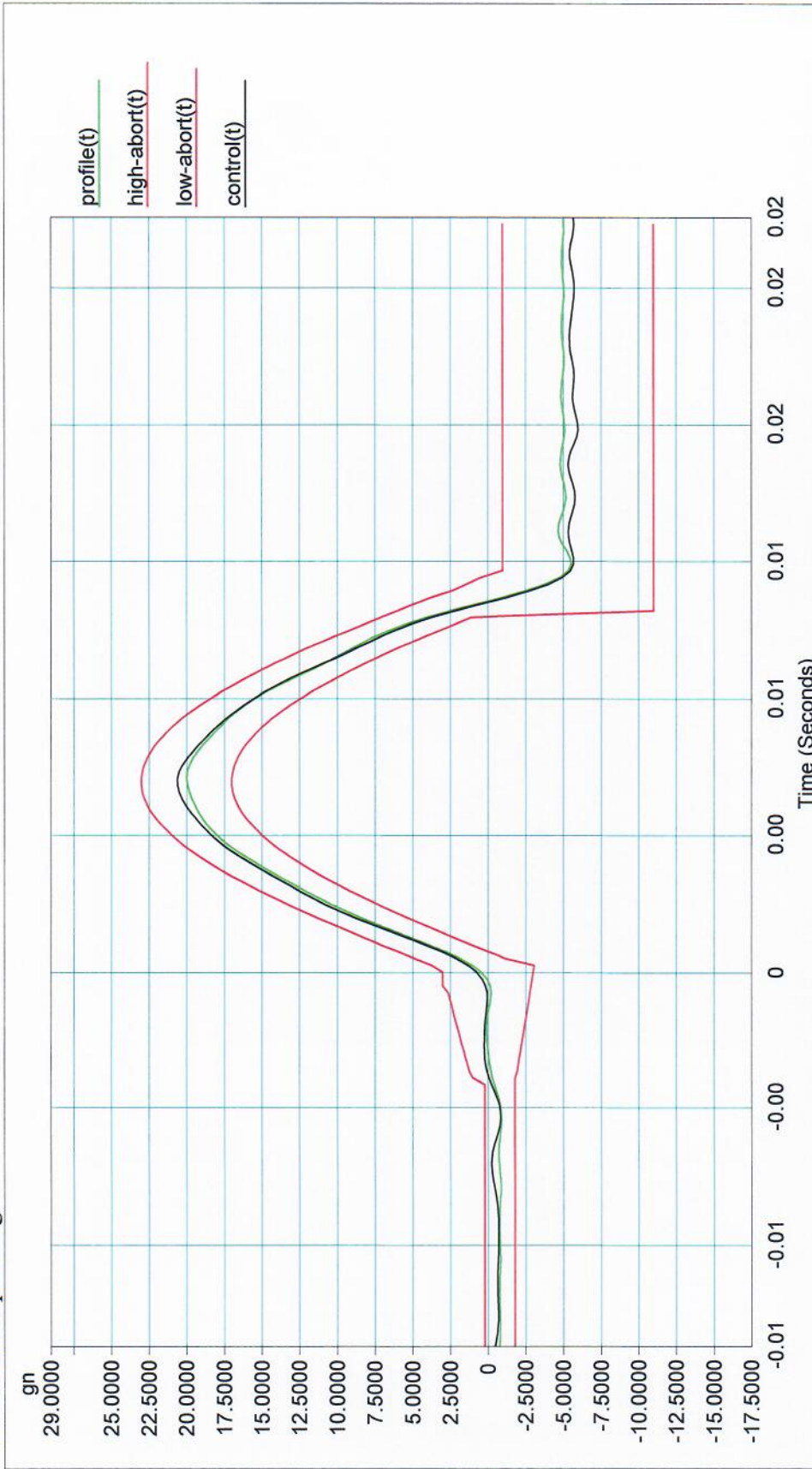


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.574430 Control RMS: 2.976638 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



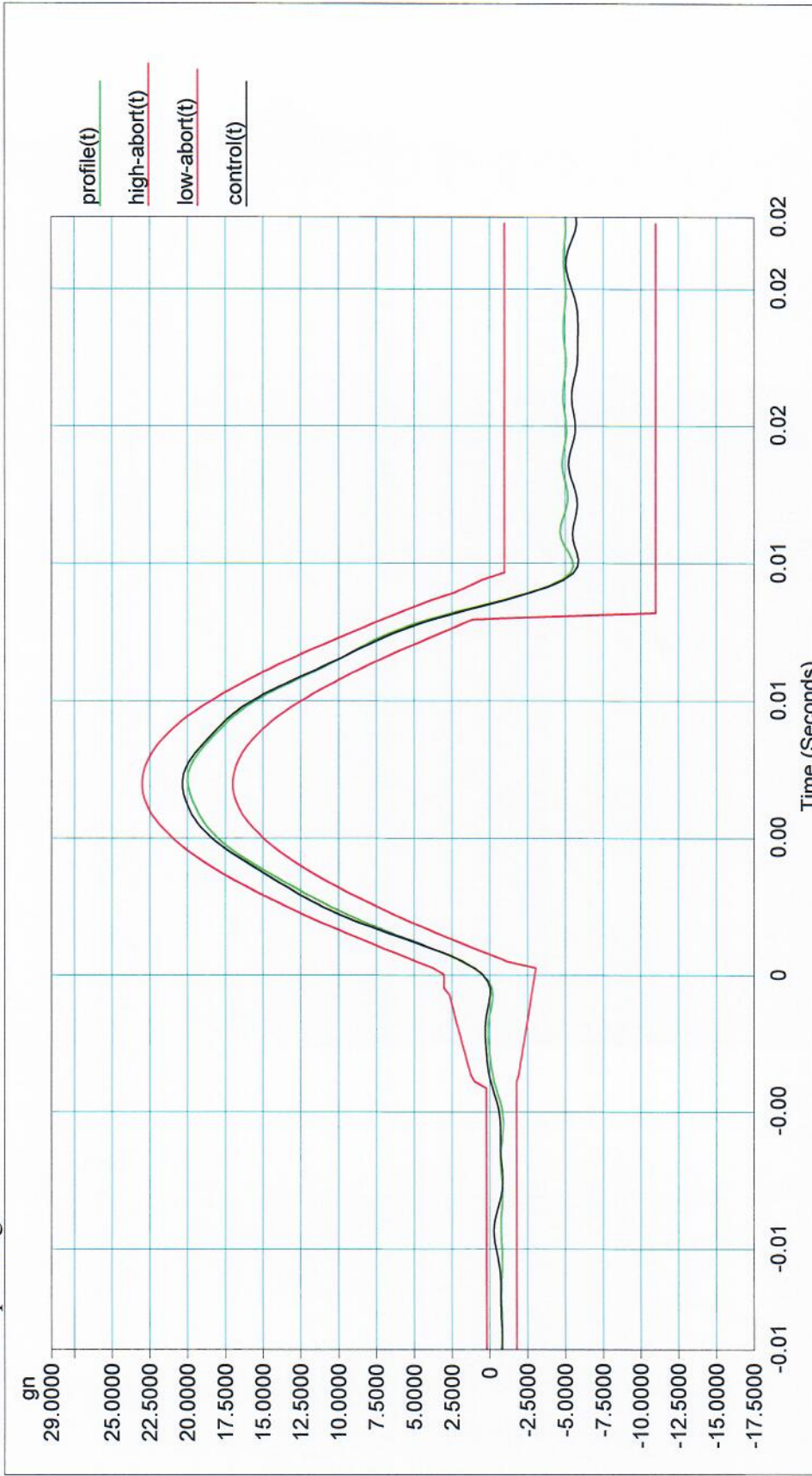
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.463001 Control RMS: 2.971102 Remaining Pulses: 0
 dt: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 20.000000

+Y axis Non-Operating



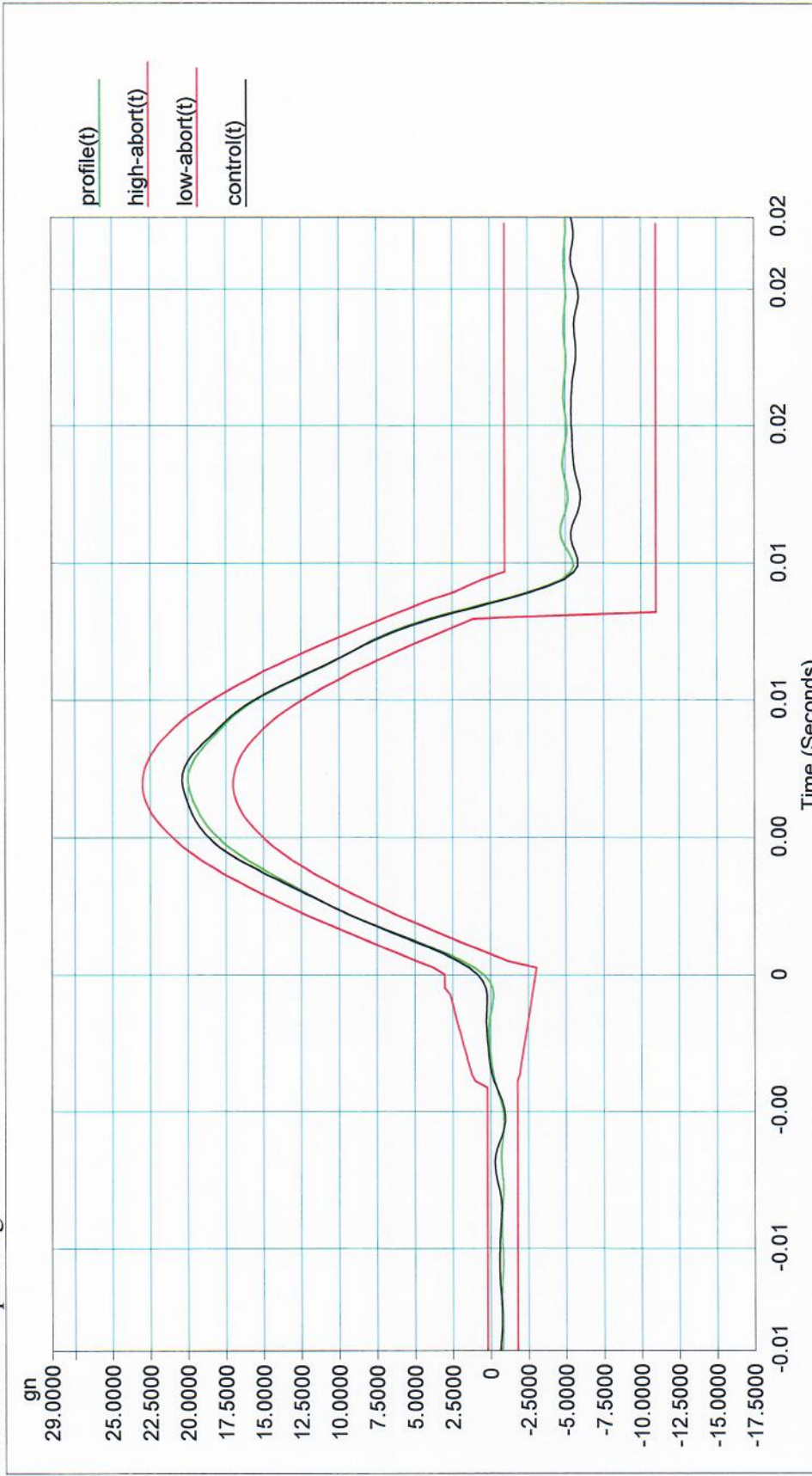
Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.615202 Control RMS: 2.974753 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

-Y axis Non-Operating

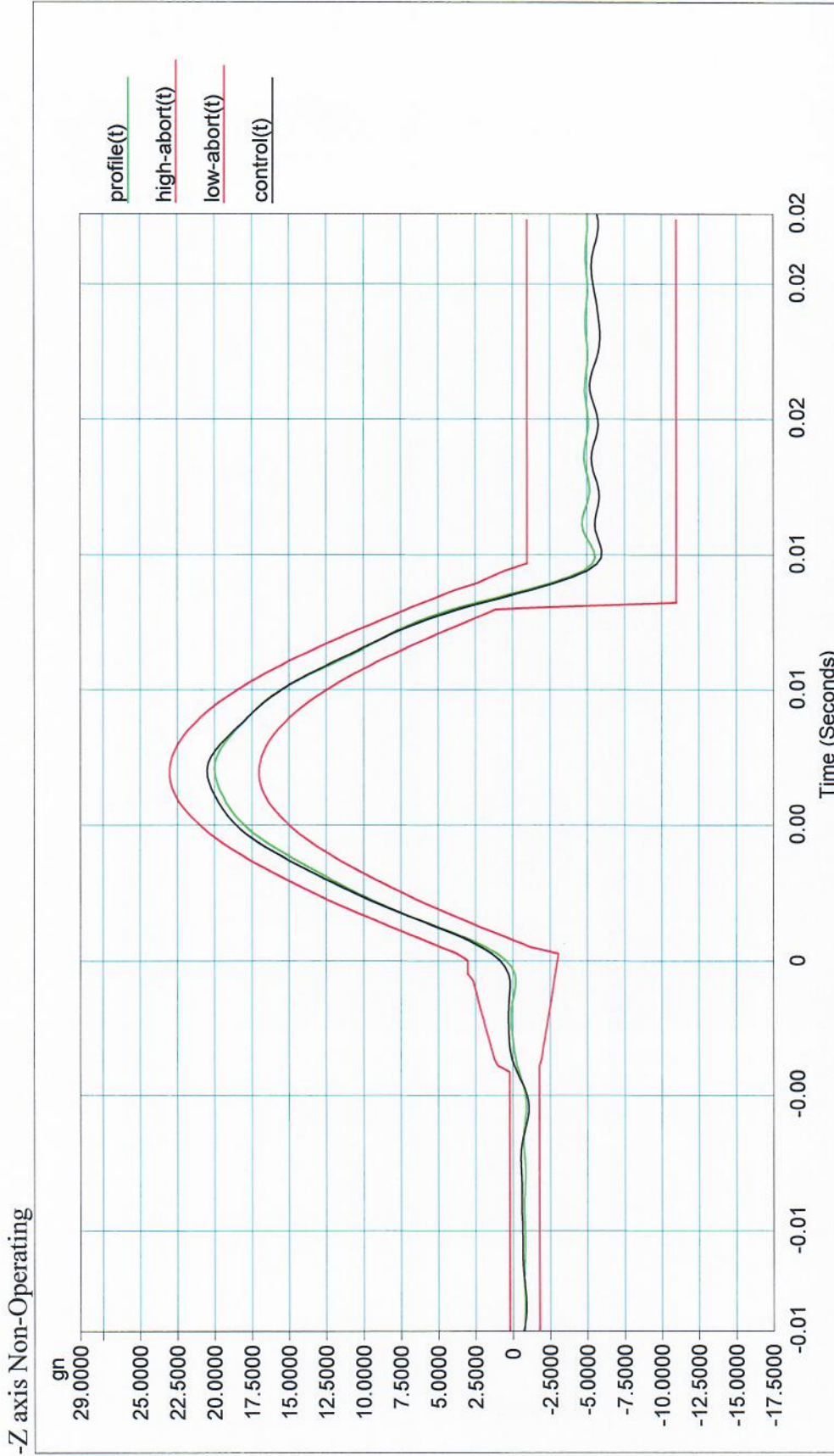


Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.341516 Control RMS: 2.971772
 dt: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Z axis Non-Operating



Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.378452 Control RMS: 2.972997 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.490013 Control RMS: 2.975886 Demand RMS: 2.875554 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 20.000000

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