

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**TESTING / INSPECTION REPORT**

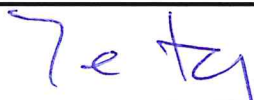


REPORT NO : ST-180327-1

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 : FWS-7360 (with 2.5" SATA HDD)
DATE OF RECEIVED : 2018/03/27
DATE OF TESTED : 2018/03/27

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

Test Engineer : 	
Approval Signatory :  2018.3.30	Laboratory Head : 

金頓科技實

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TESTING / INSPECTION REPORT

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 : 2017/11/24

TEST ENVIRONMENT :

Temperature : 28°C (25±10°C)
Relative Humidity : 67%RH (50±20% RH)

SPECIMEN :

Model : FWS-7360 (with 2.5" SATA HDD)
Quantity : 1 unit

TESTING / INSPECTION REPORT

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.			

TESTING / INSPECTION REPORT

Testing photos (Operating)

Tester



TESTING / INSPECTION REPORT

Testing photos (Operating)

+X axis

-X axis

+Y axis

-Y axis

+Z axis

-Z axis

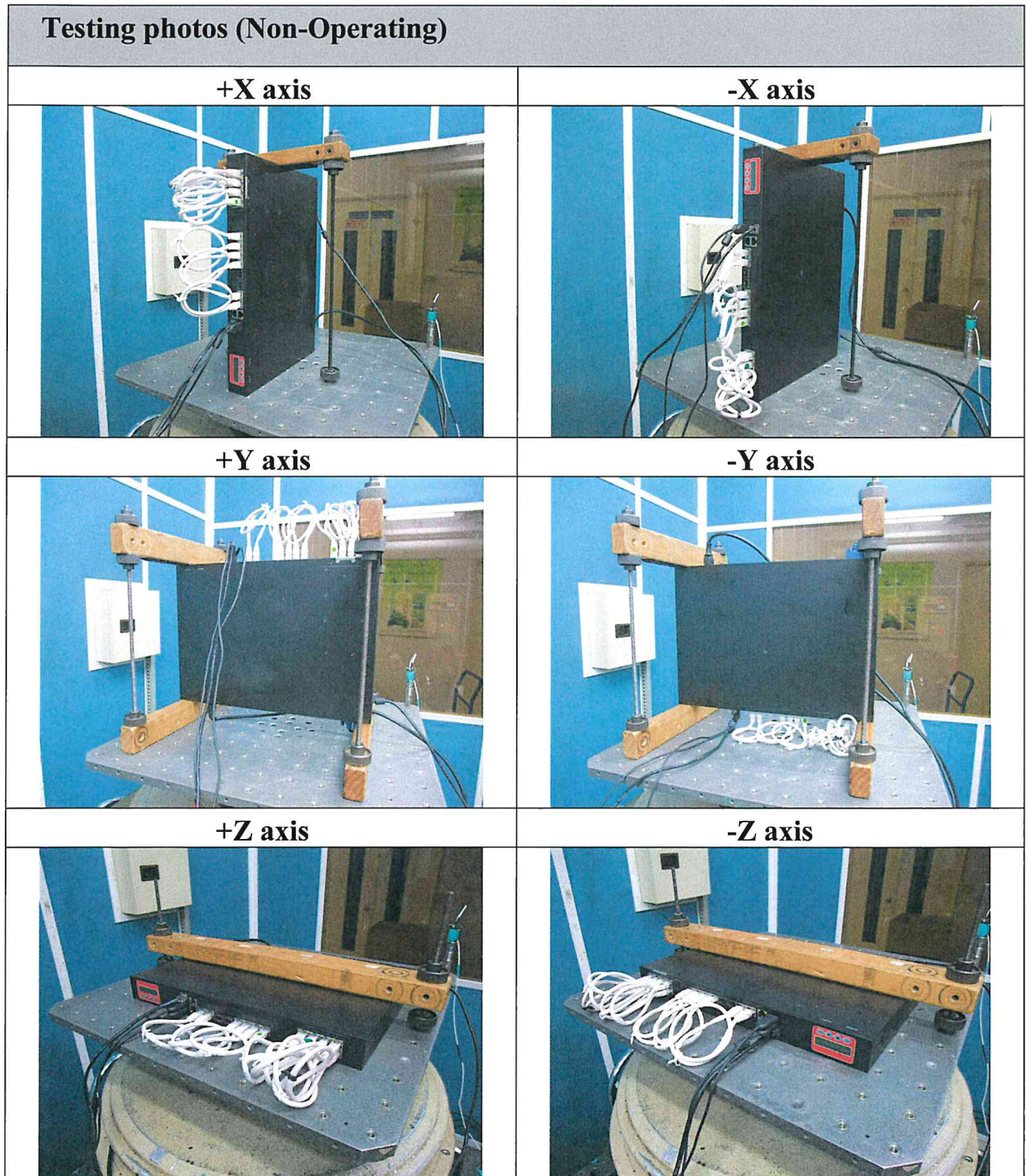

TESTING / INSPECTION REPORT

Testing photos (Non-Operating)

Tester



TESTING / INSPECTION REPORT



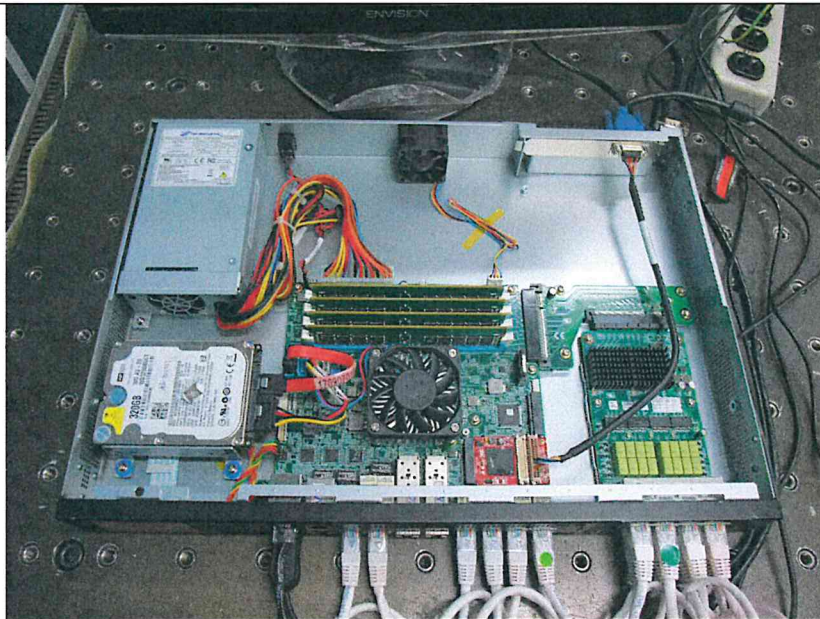
TESTING / INSPECTION REPORT

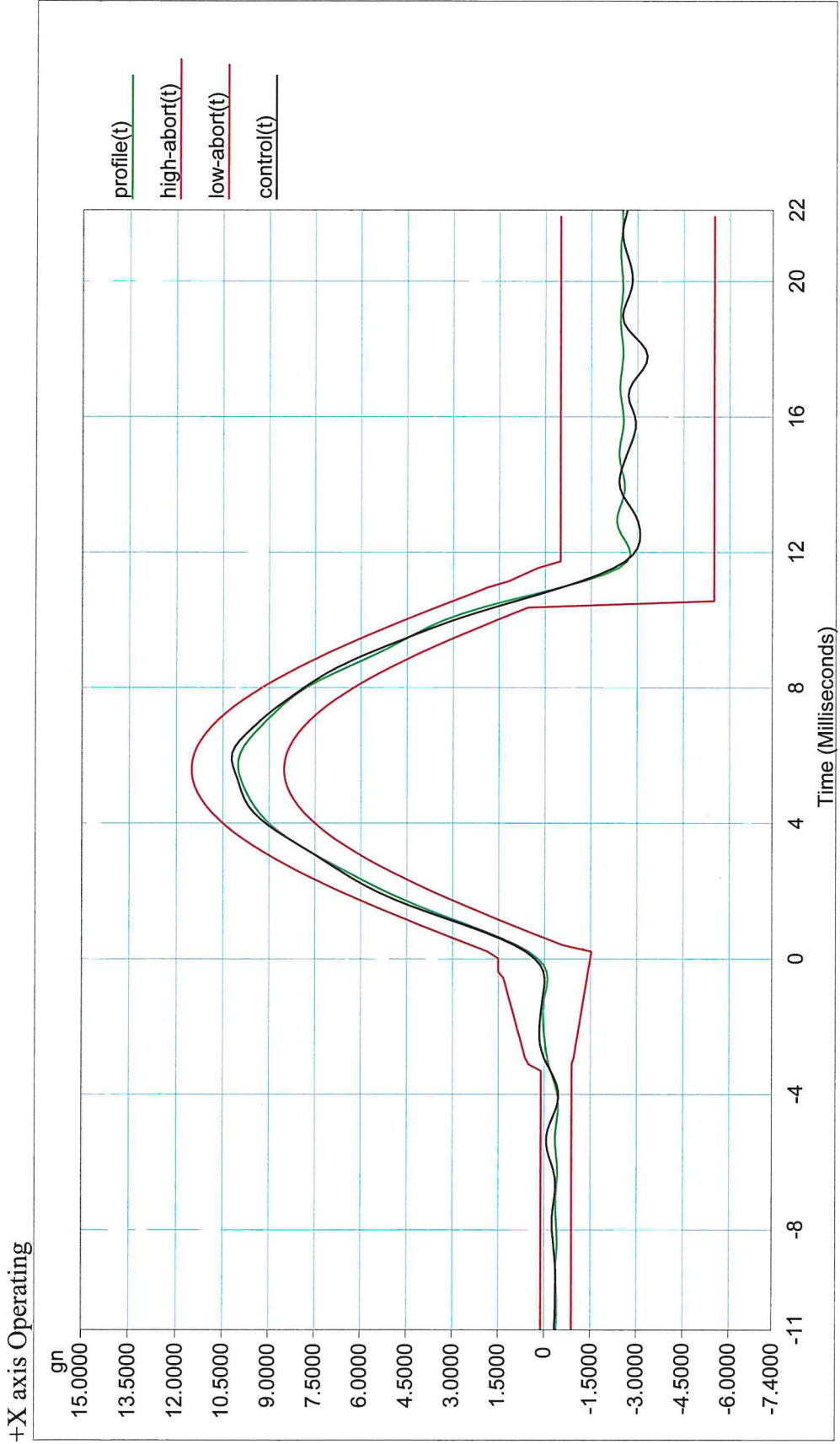
Testing photos

After test-1

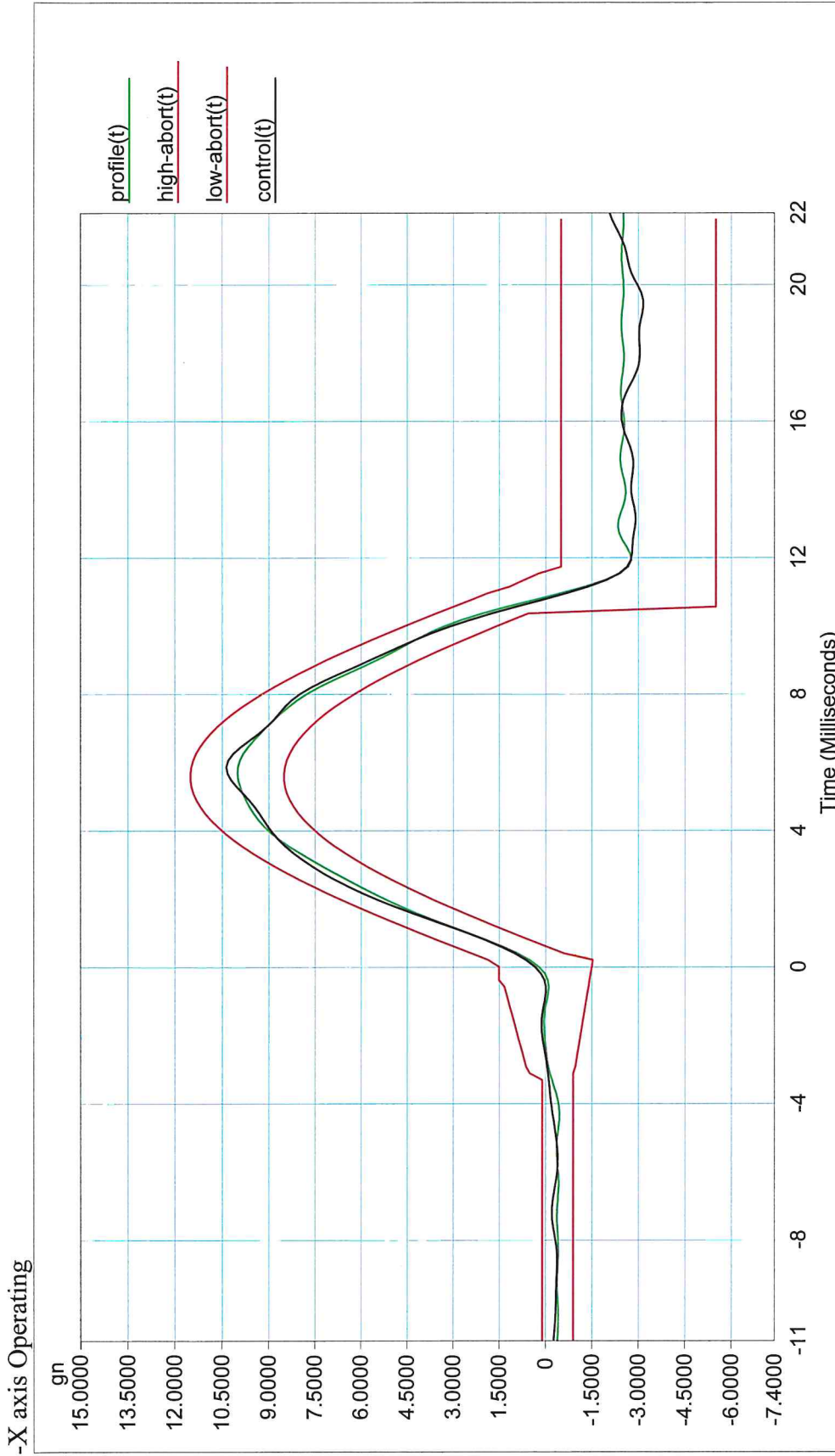


After test-2

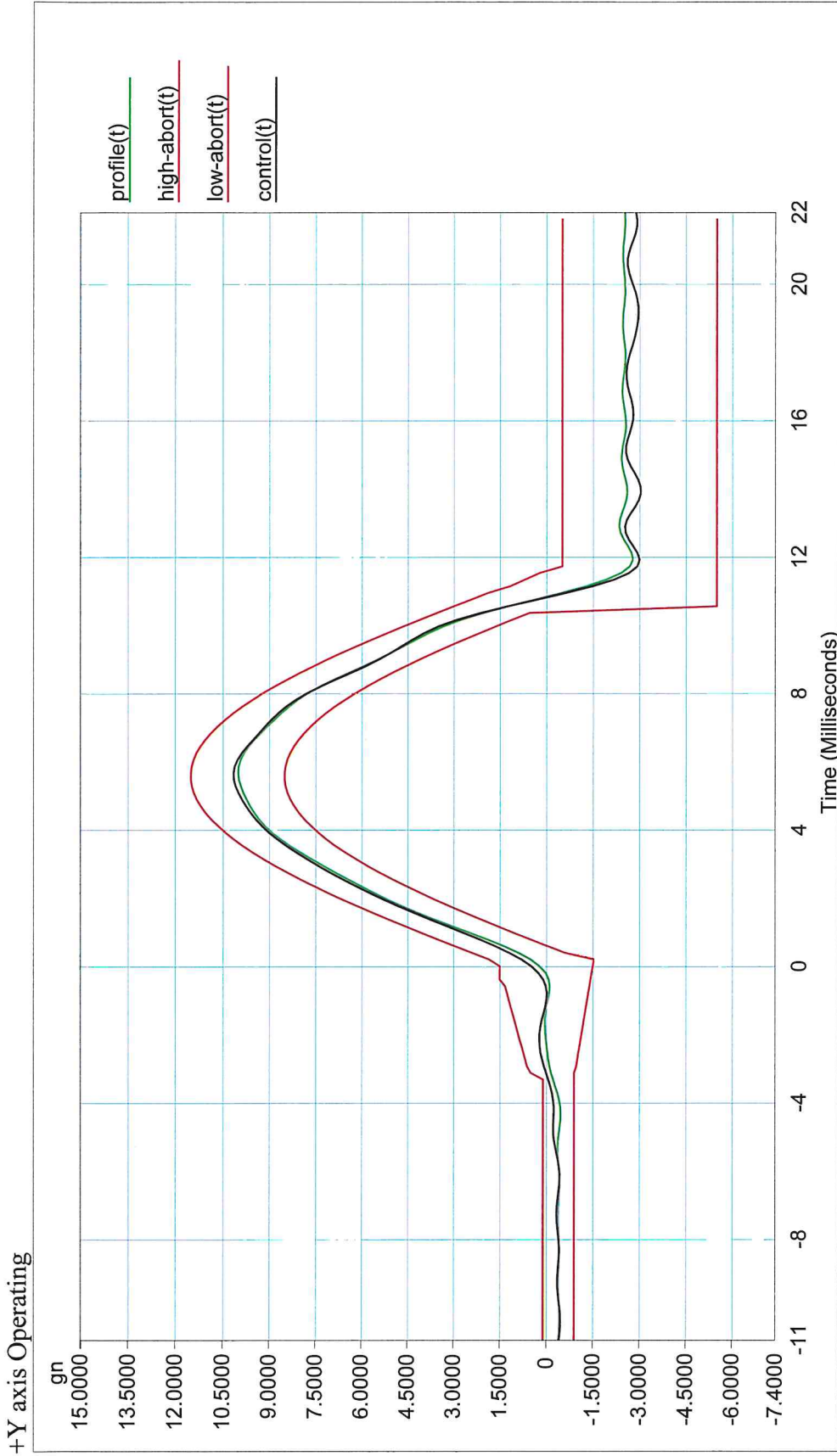




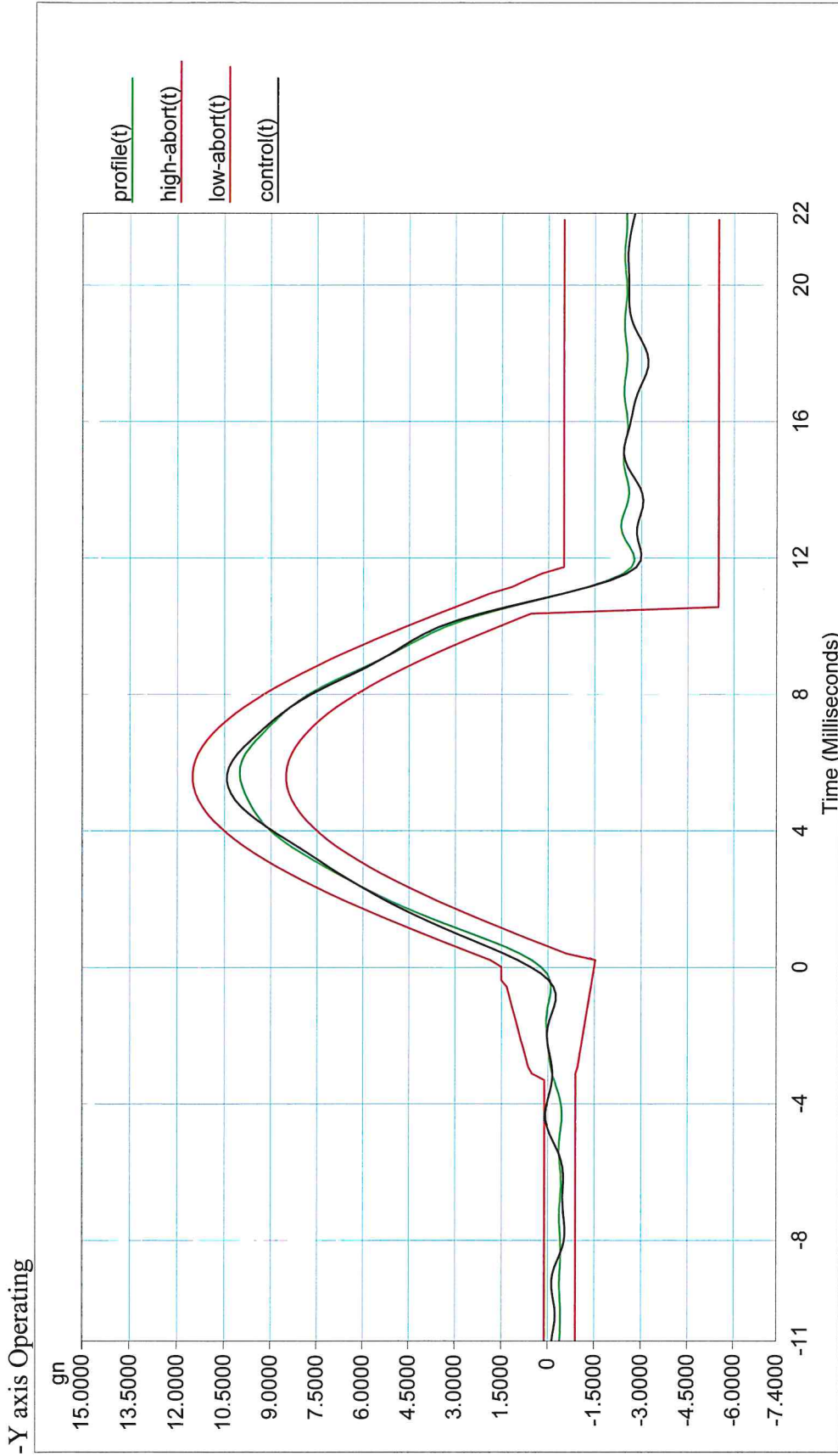
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.186513 Control RMS: 1.487308 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 10.000000



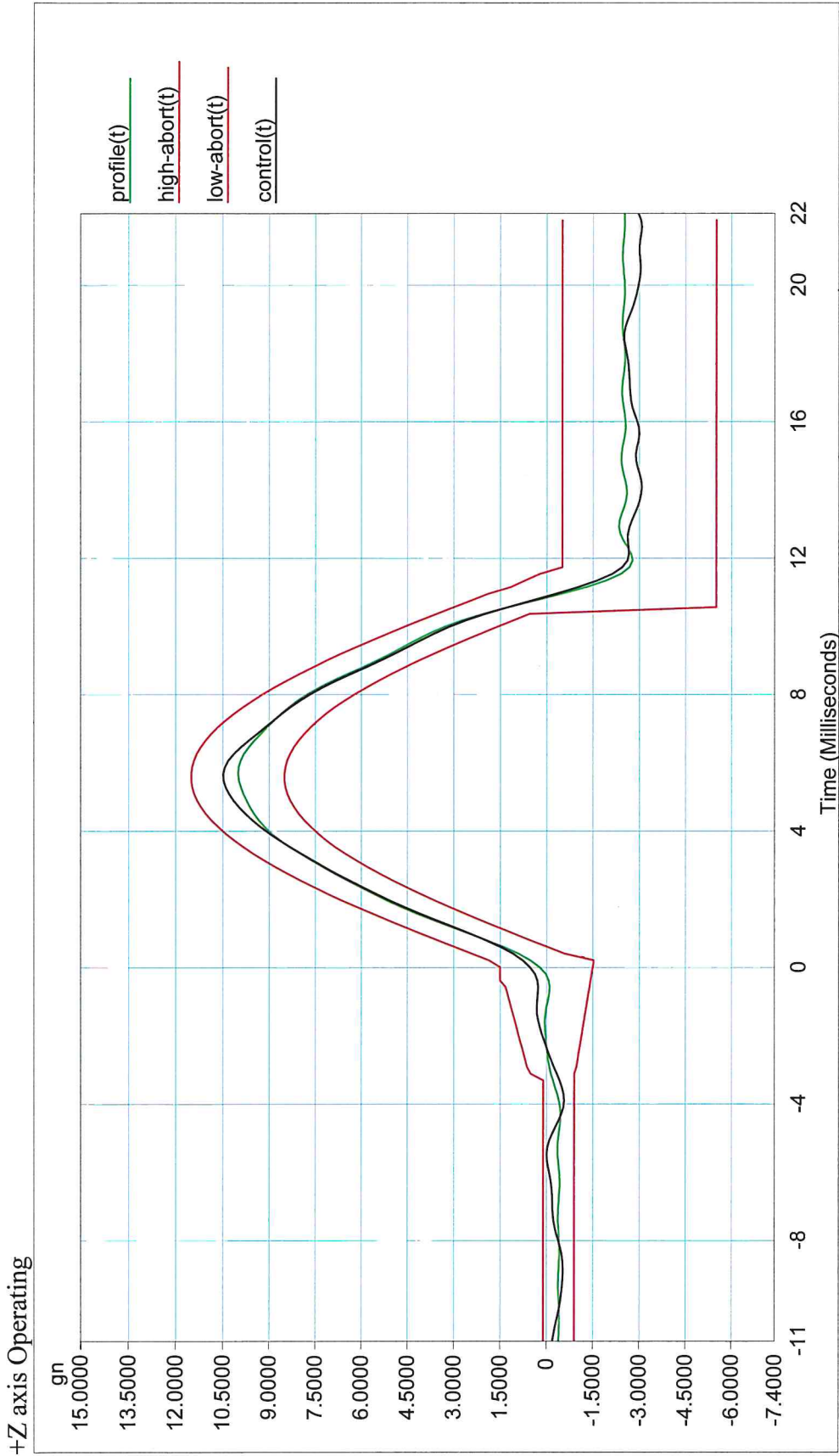
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.347276 Control RMS: 1.491082 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 10.000000



Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.127359 Control RMS: 1.482527 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

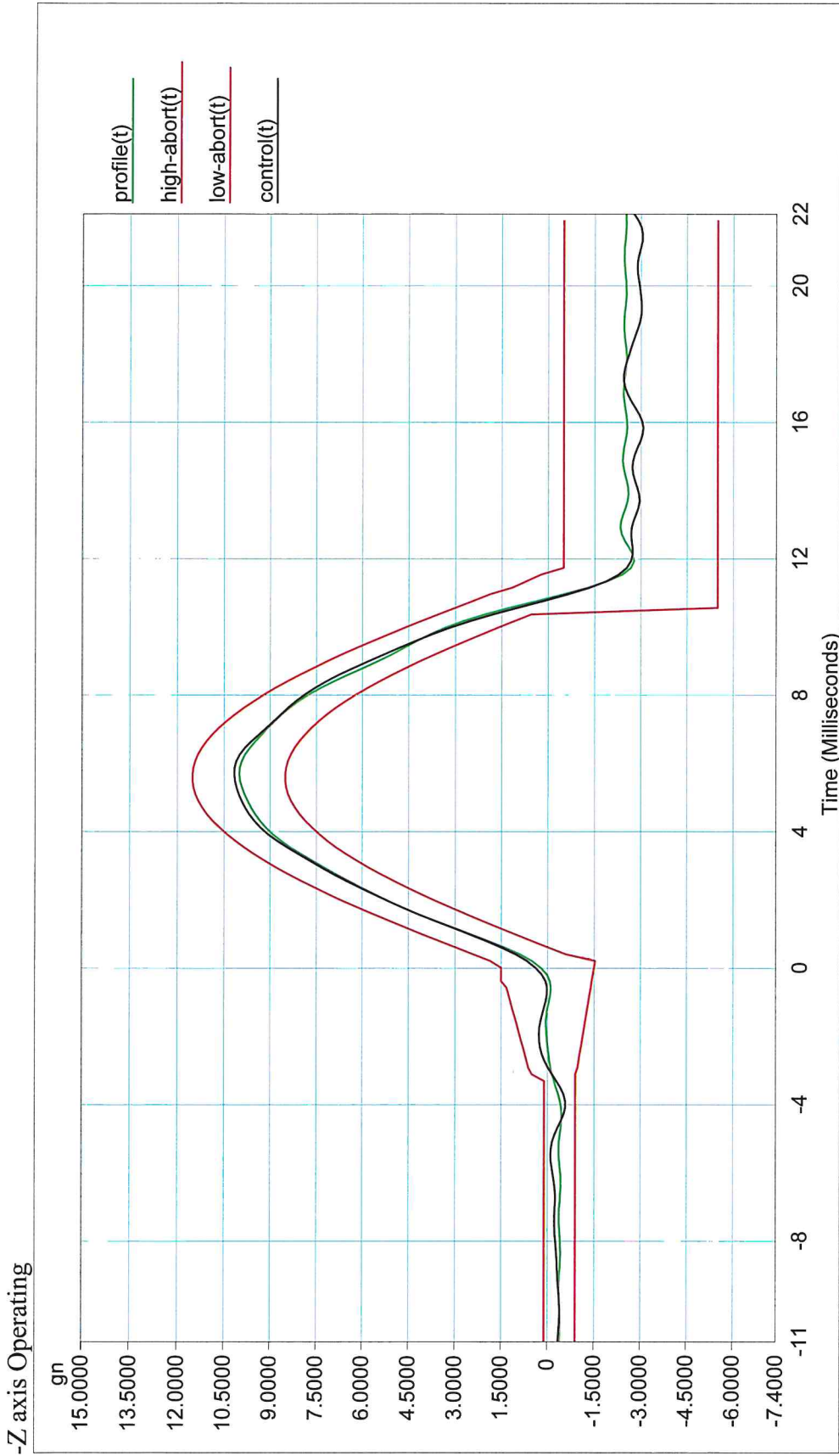


Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.393266 Control RMS: 1.492971 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 10.000000



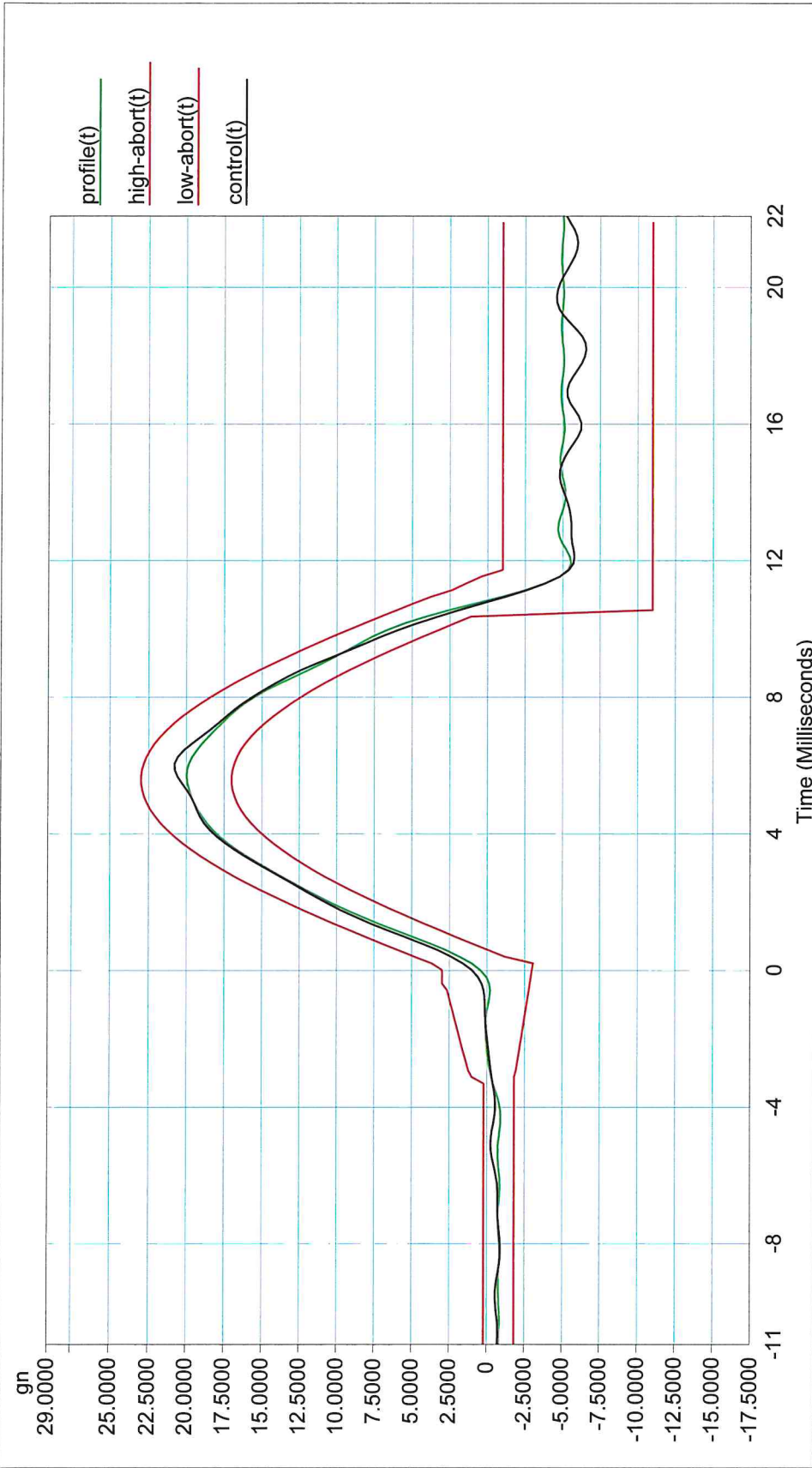
+Z axis Operating

Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.467945 Control RMS: 1.482086 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

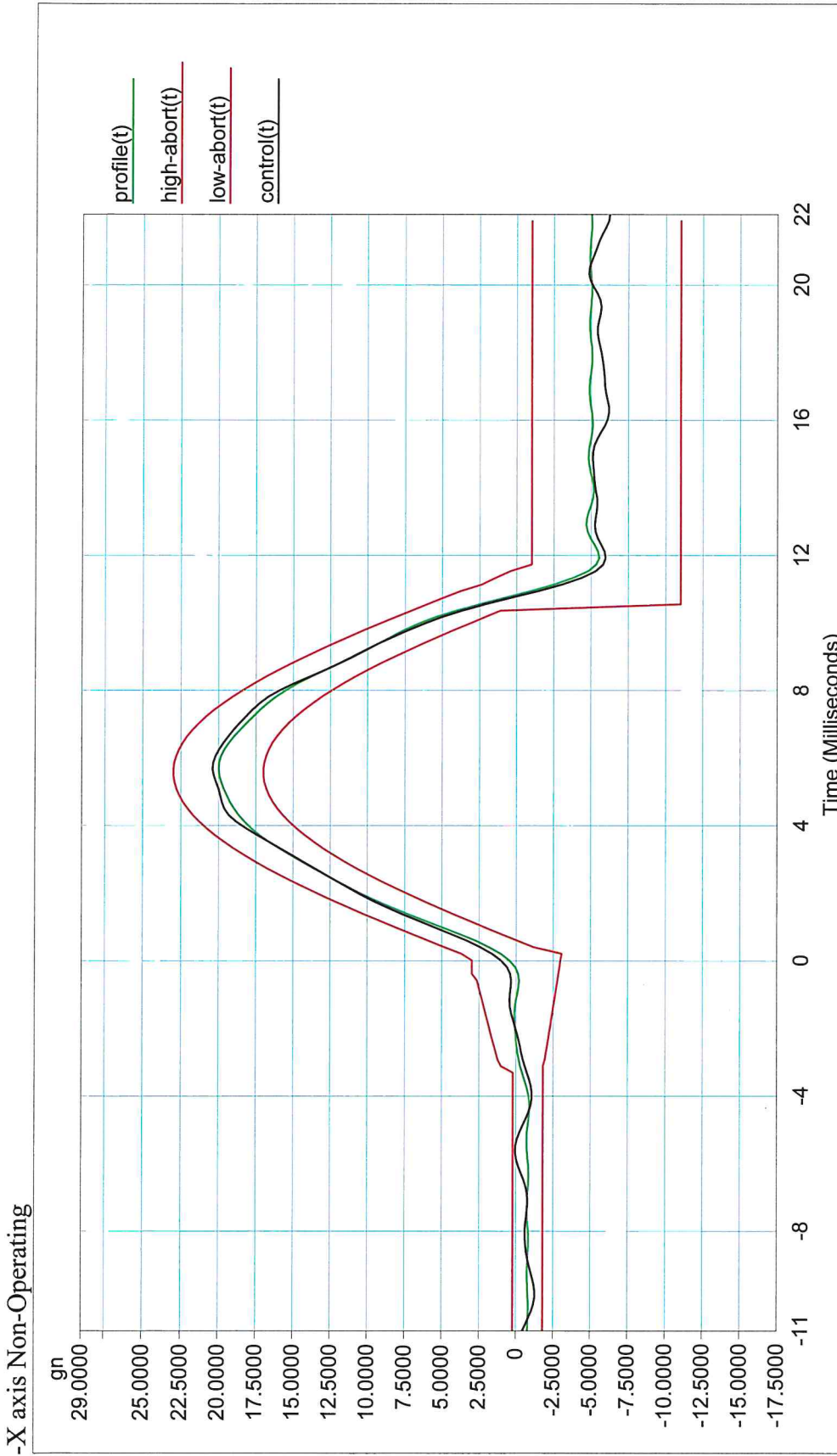


Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 10.149014 Control RMS: 1.484315 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 10.000000 Demand RMS: 1.437777 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 10.000000

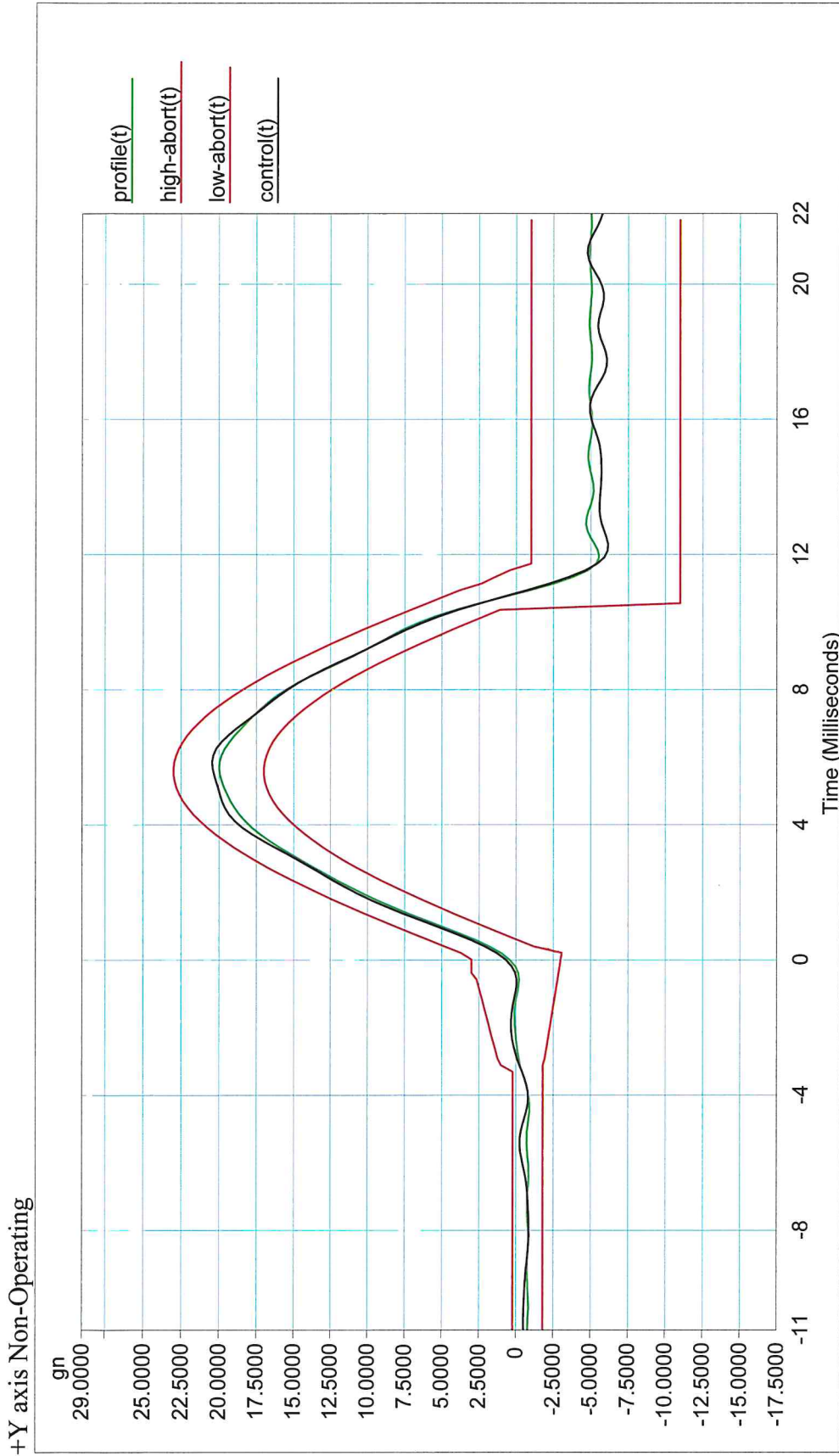
+X axis Non-Operating



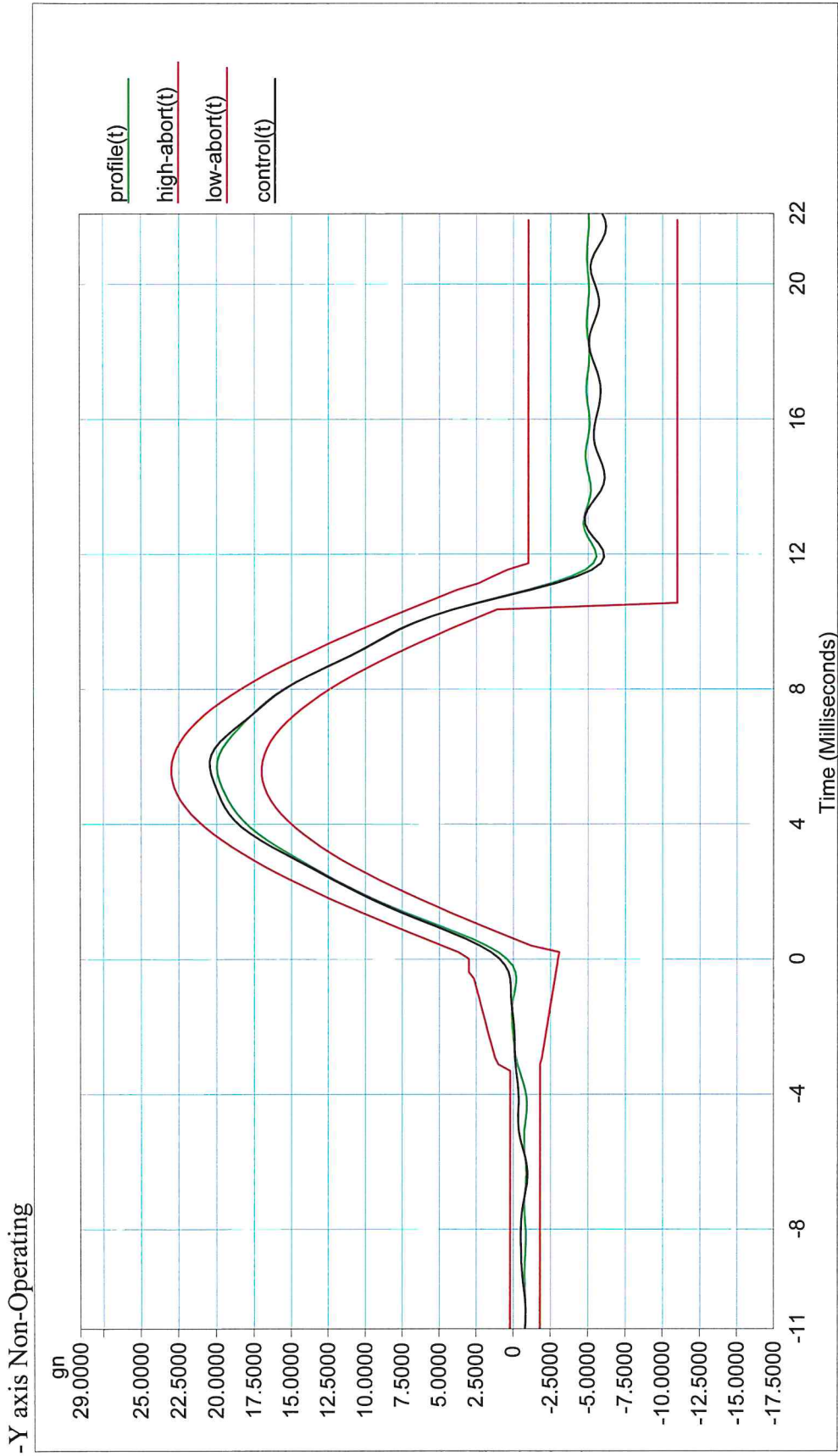
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.747530 Control RMS: 2.972549 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 20.000000



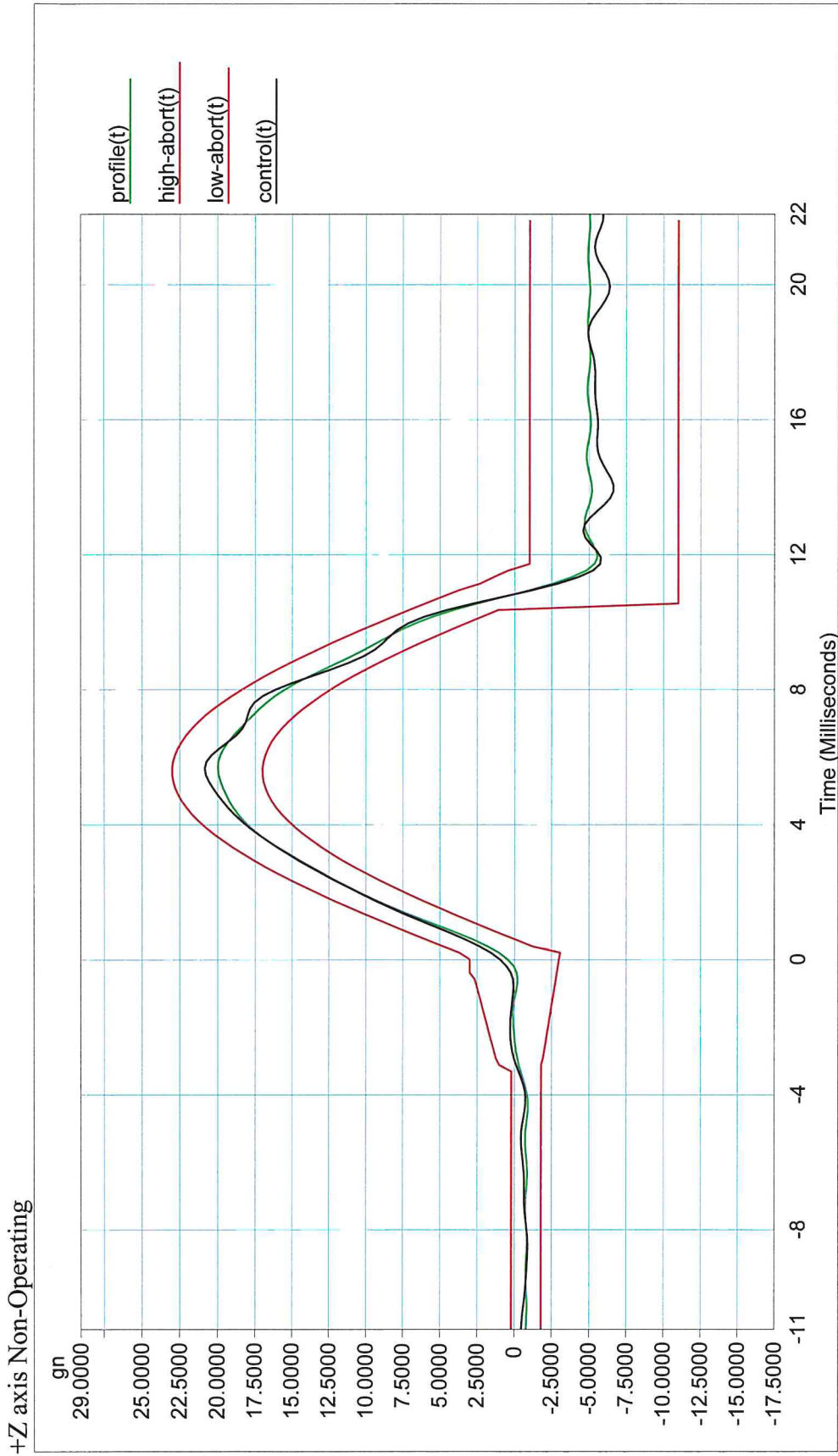
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.365870 Control RMS: 2.968008 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 20.000000



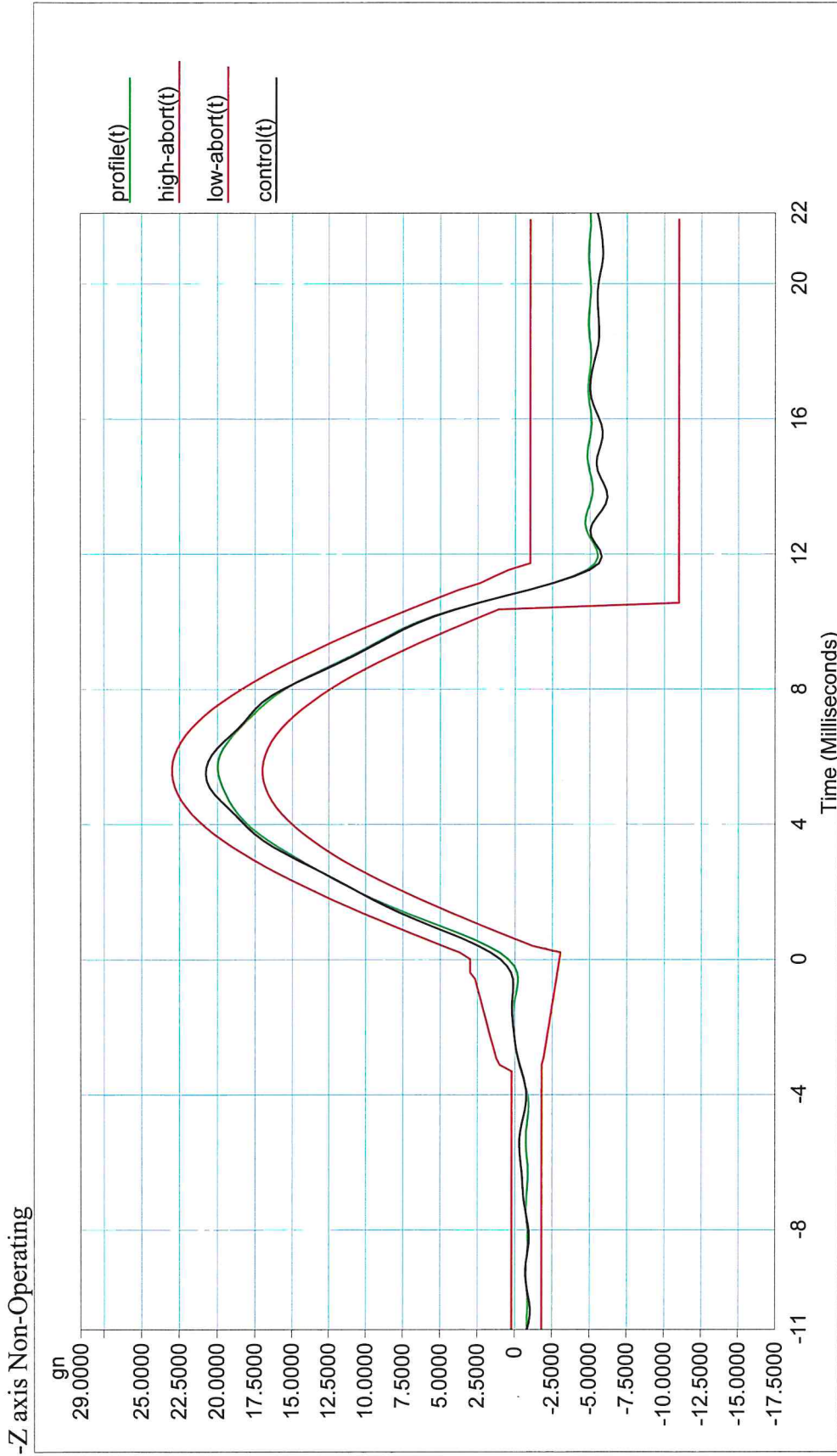
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.423105 Control RMS: 2.981227 Demand RMS: 2.875554 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.875554 Pulse Width: 11.000000 ms
 Pulse Type: Half Sine Amplitude: 20.000000



Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.424574 Control RMS: 2.975378 Demand Peak: 20.000000 Demand RMS: 2.875554 Remaining Pulses: 0
 dT: 0.000195 Seconds 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: 20.825645 Control RMS: 2.970675 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



Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.739208 Control RMS: 2.971123 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

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