KING DESIGN®
Reliability & Communication Testing Instruments
KING DESIGN INDUSTRIAL CO., LTD.
VIBRATION TEST LABORATORY
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
http: //www.kdi.tw
http://www.vibration.com.tw
E-mail:service@kdi.tw

TESTING / INSPECTION REPORT

REPORT NO：ST-151221-2

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 ：ACP-1074 (With mSATA)
DATE OF RECEIVED ：2015/12/21
DATE OF TESTED ：2015/12/21

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：	
Approval Signatory：2015.12.29 David Lee	Laboratory Head： Hsin Tai Chang

金頓科技

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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	：2015/11/25

TEST ENVIRONMENT：

Temperature	：25℃ (25±10℃)
Relative Humidity	：66%RH (50±20% RH)

SPECIMEN：

Model	：ACP-1074 (With mSATA)
Quantity	：1 unit

TEST SPECIFICATION：

As per applicant's requirement

Shock test (Operating)

Wave Form	：Half Sine wave
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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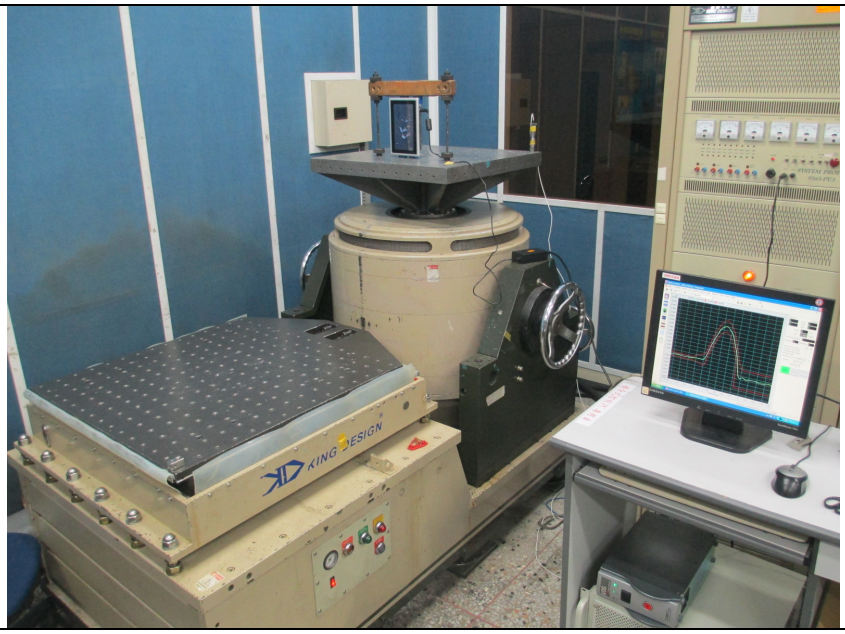
TESTING / INSPECTION REPORT

Testing photos
Tester


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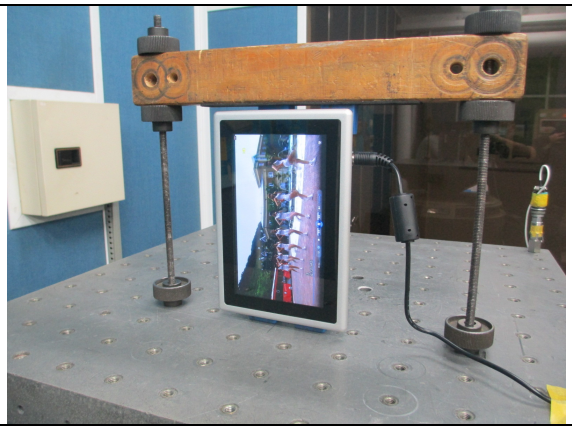
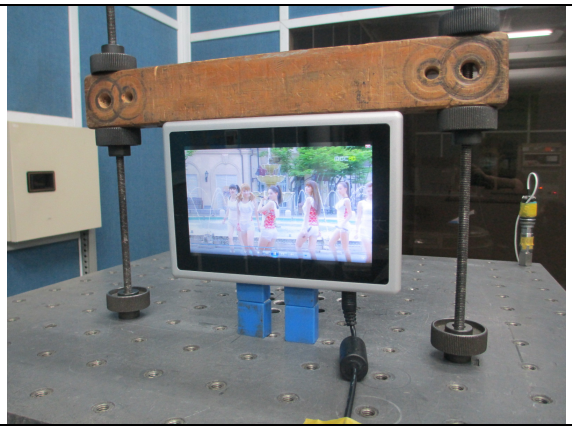
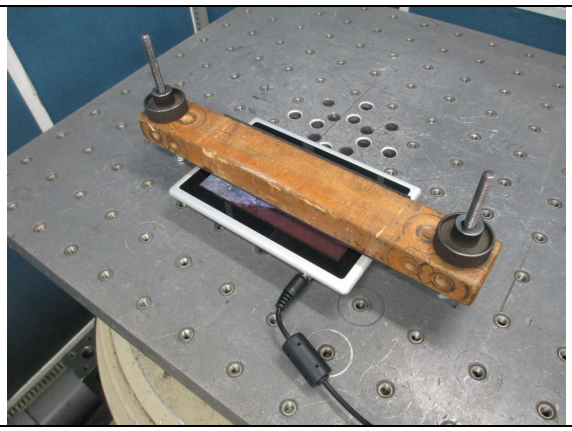
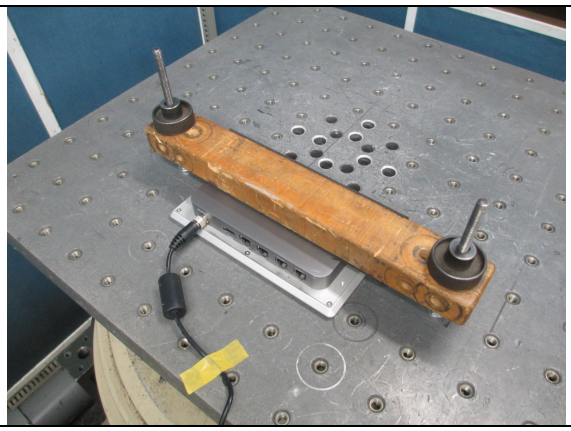
TESTING / INSPECTION REPORT

Testing photos	
+X axis	-X axis
	
+Y axis	-Y axis
	
+Z axis	-Z axis
	

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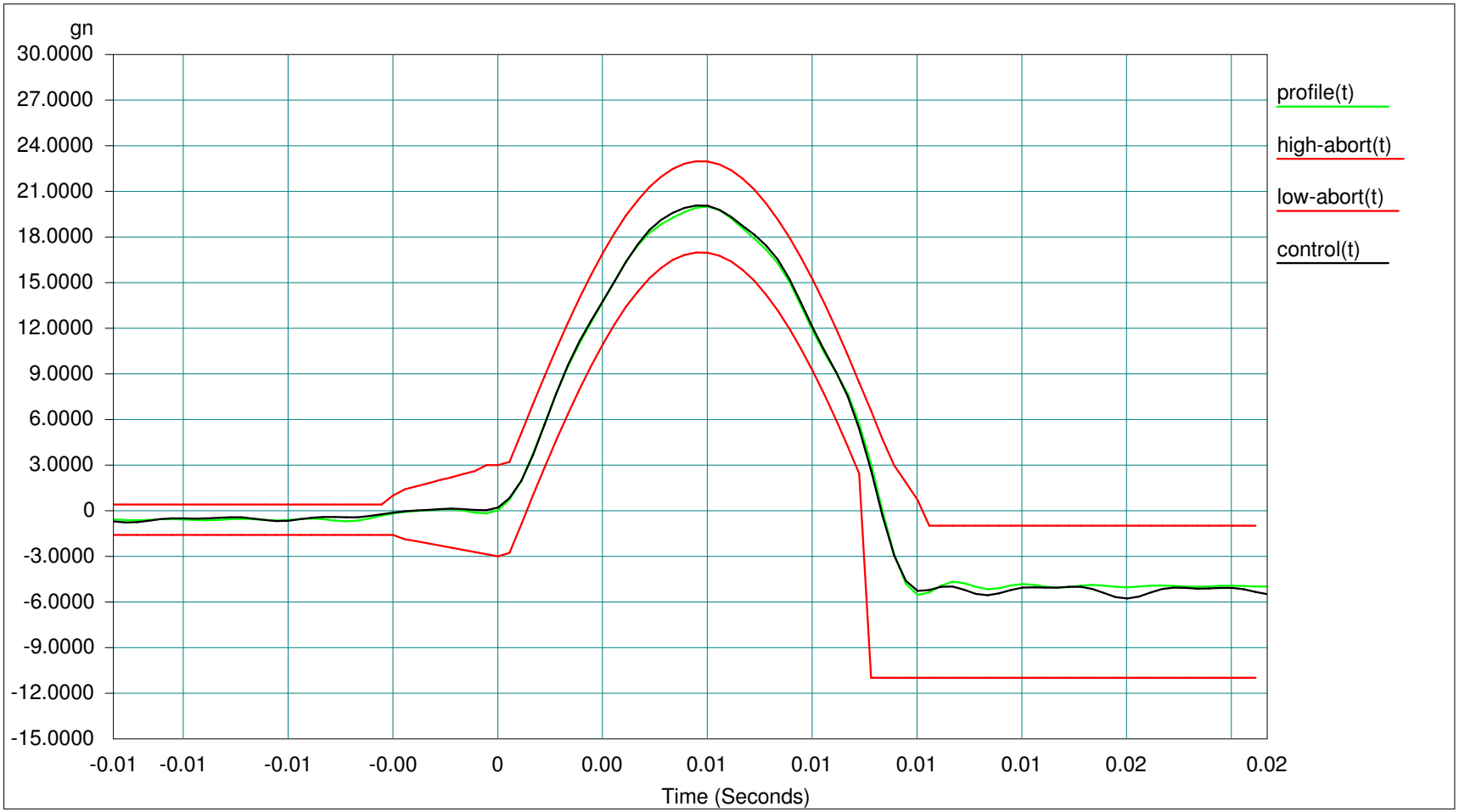
TESTING / INSPECTION REPORT

Testing photos
After test


+X axis

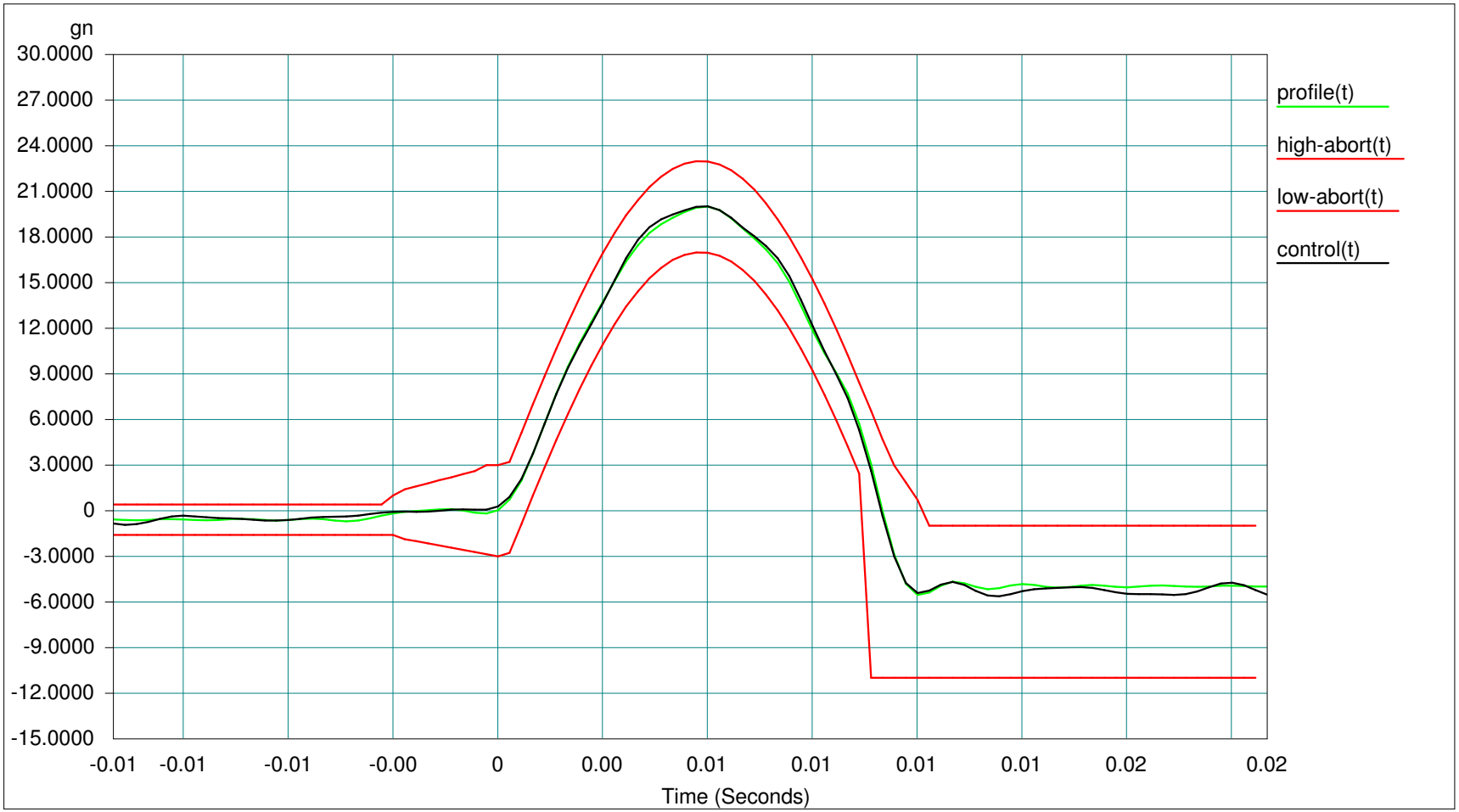


Level: 100 % Block Size: 2048 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.072374 Control RMS: 2.235027 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.203145 Remaining Pulses: 0

-X axis

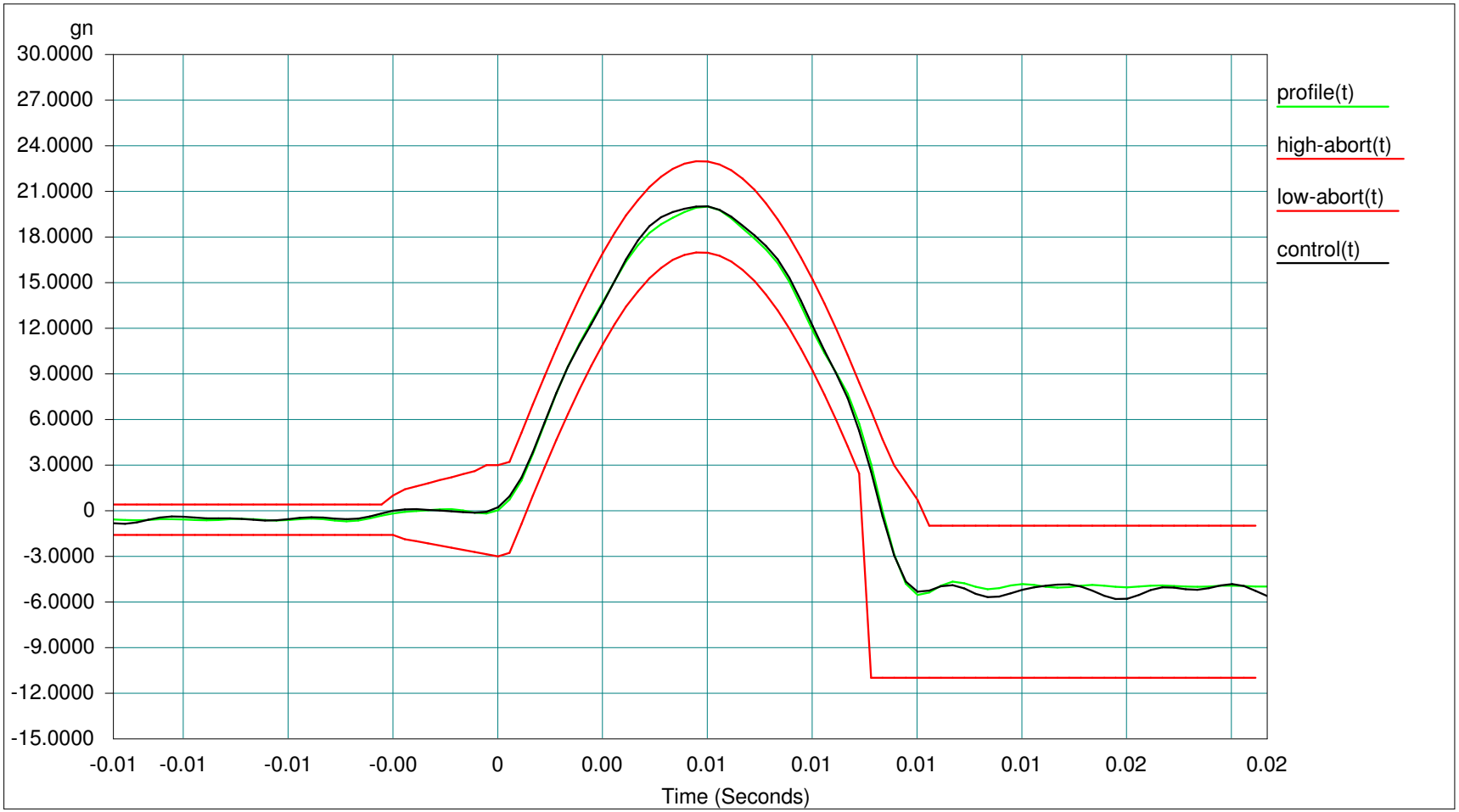


Level: 100 % Block Size: 2048 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.017014 Control RMS: 2.234339 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.203145 Remaining Pulses: 0

+Y axis

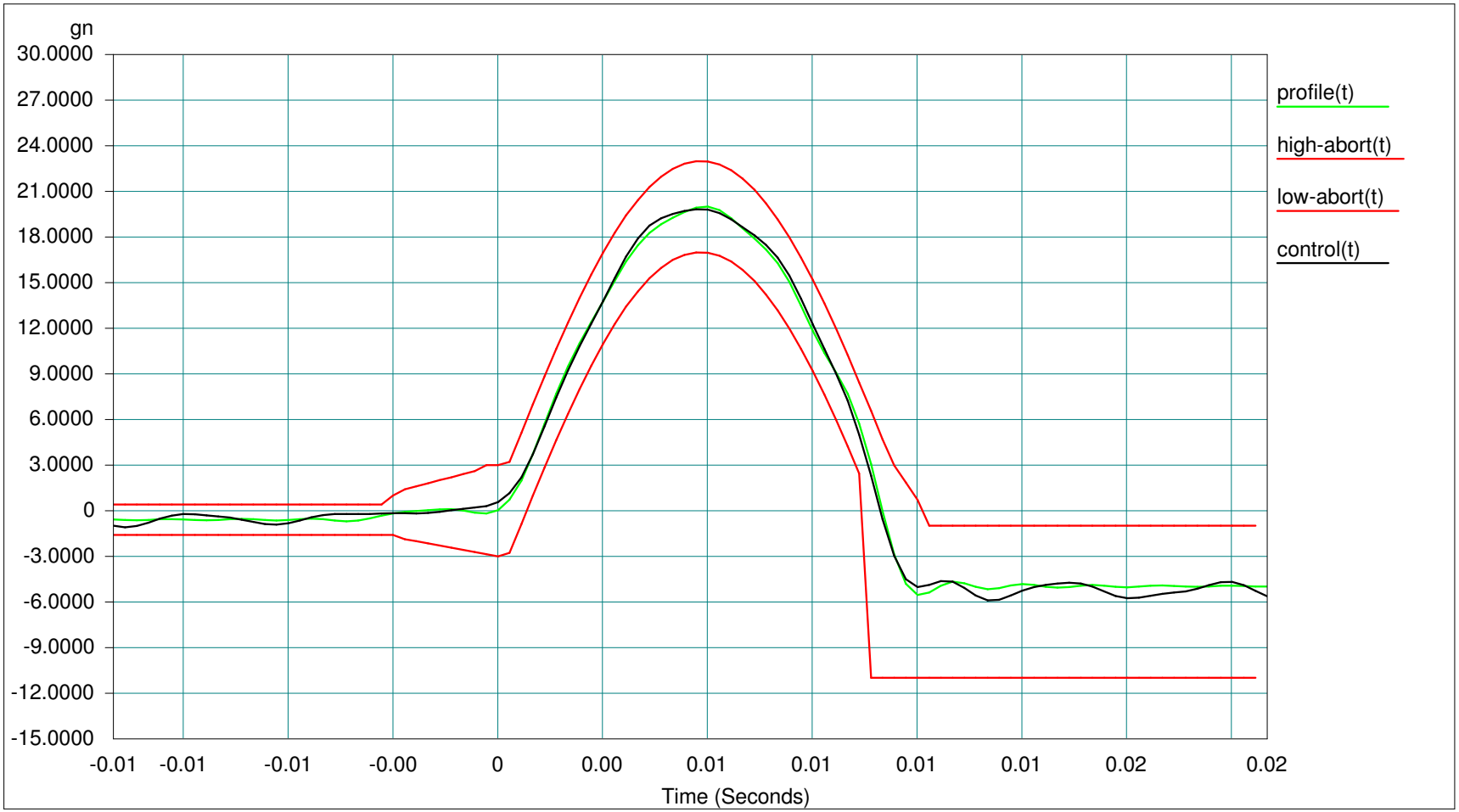


Level: 100 % Block Size: 2048 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.003832 Control RMS: 2.237217 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.203145 Remaining Pulses: 0

-Y axis

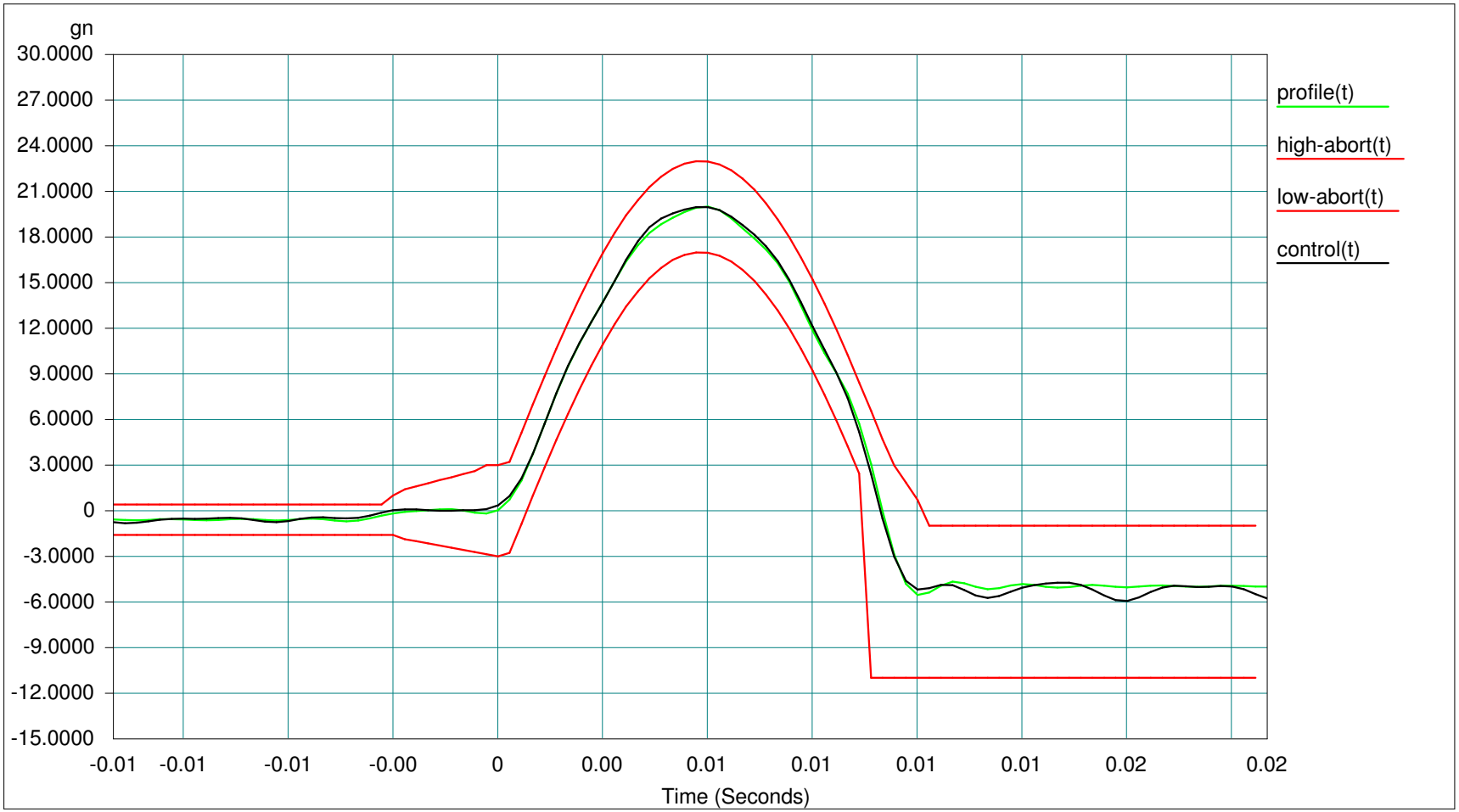


Level: 100 % Block Size: 2048 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 19.819323 Control RMS: 2.238495 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.203145 Remaining Pulses: 0

+Z axis

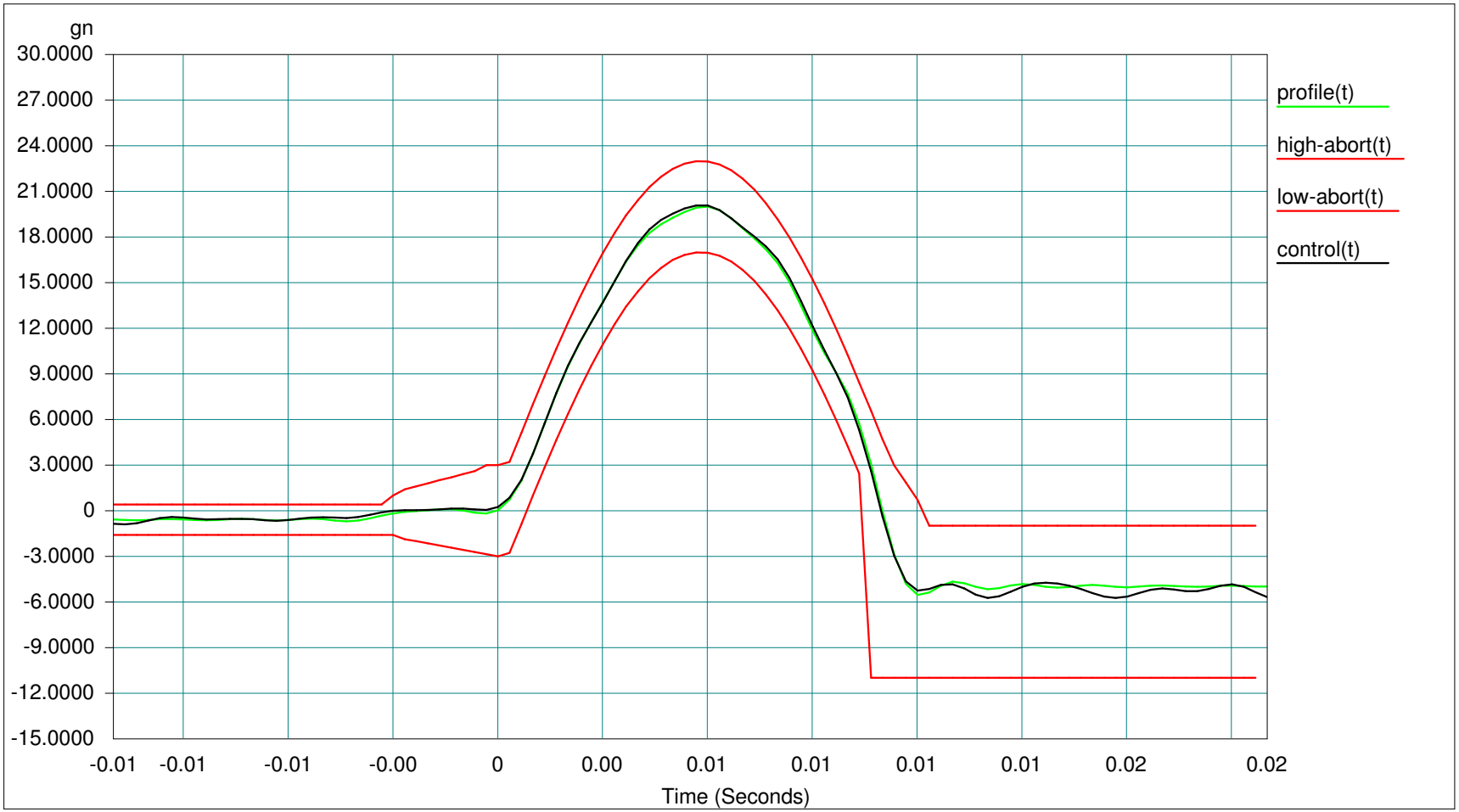


Level: 100 % Block Size: 2048 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 19.963345 Control RMS: 2.235120 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.203145 Remaining Pulses: 0

-Z axis



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

Frame Time: 0.682667 Seconds Control Peak: 20.075737 Control RMS: 2.234064 Full Level Elapsed Pulses: 3

dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.203145 Remaining Pulses: 0

-END-