

KING DESIGN INDUSTRIAL CO., LTD.

4F, NO. 3, Lane 270, Pei Shen Road Sec. 3,
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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

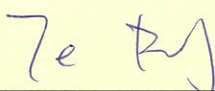


REPORT NO : ST-140107-2

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-5210 (With 2.5" SATA HDD)
DATE OF RECEIVED : 2014/01/07
DATE OF TESTED : 2014/01/07

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 :  2014.1.14	Laboratory Head : 



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TESTING EQUIPMENT :

- | | |
|-------------------------|---|
| 1.Vibration Tester | : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054986 |
| 2.Controller | : DACTRON Front-End Box, S/N : 4529465 |
| 3.Control Accelerometer | : Wilcoxon Research WR-777, S/N : 4207 |

TEST ENVIRONMENT :

- | | |
|-------------------|----------------------|
| Temperature | : 25°C (25±10°C) |
| Relative Humidity | : 65 %RH (50±25% RH) |

SPECIMEN :

- | | |
|----------|---------------------------------|
| Model | : ACP-5210 (With 2.5" SATA HDD) |
| 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.			

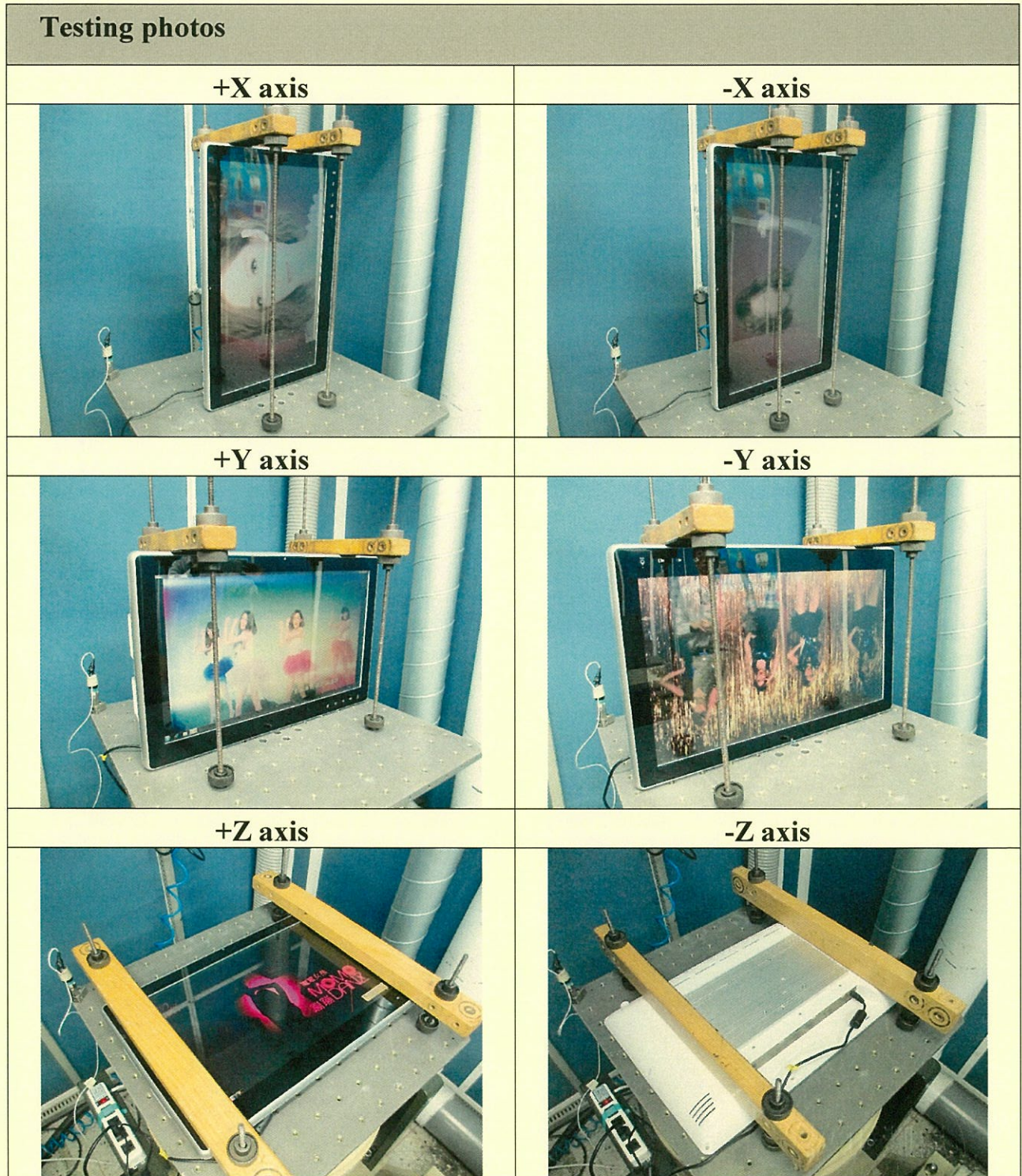
TESTING / INSPECTION REPORT

Testing photos

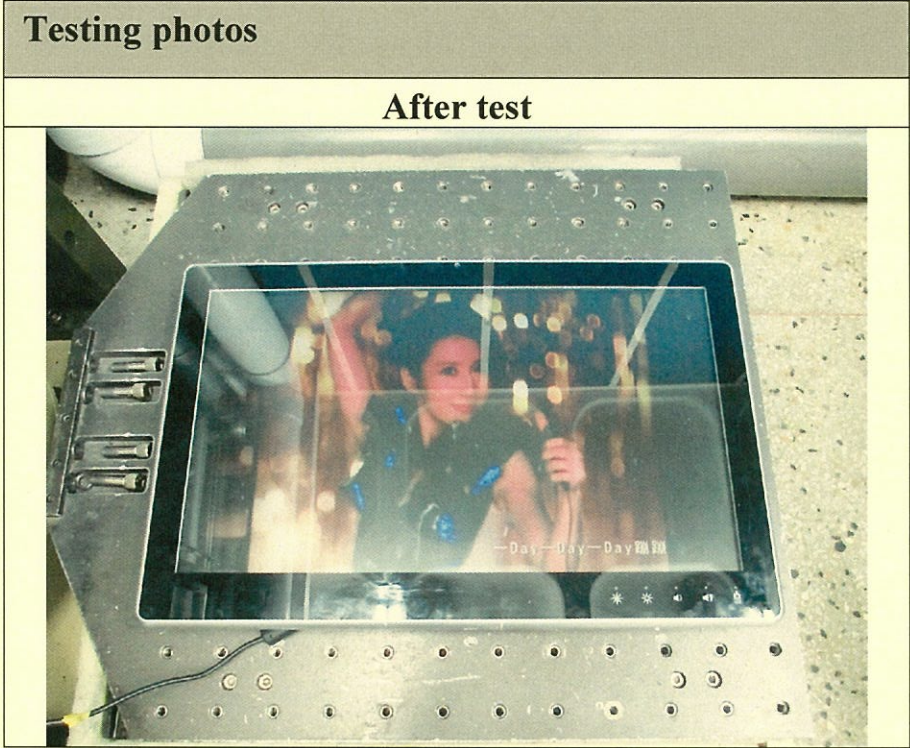
Tester



TESTING / INSPECTION REPORT



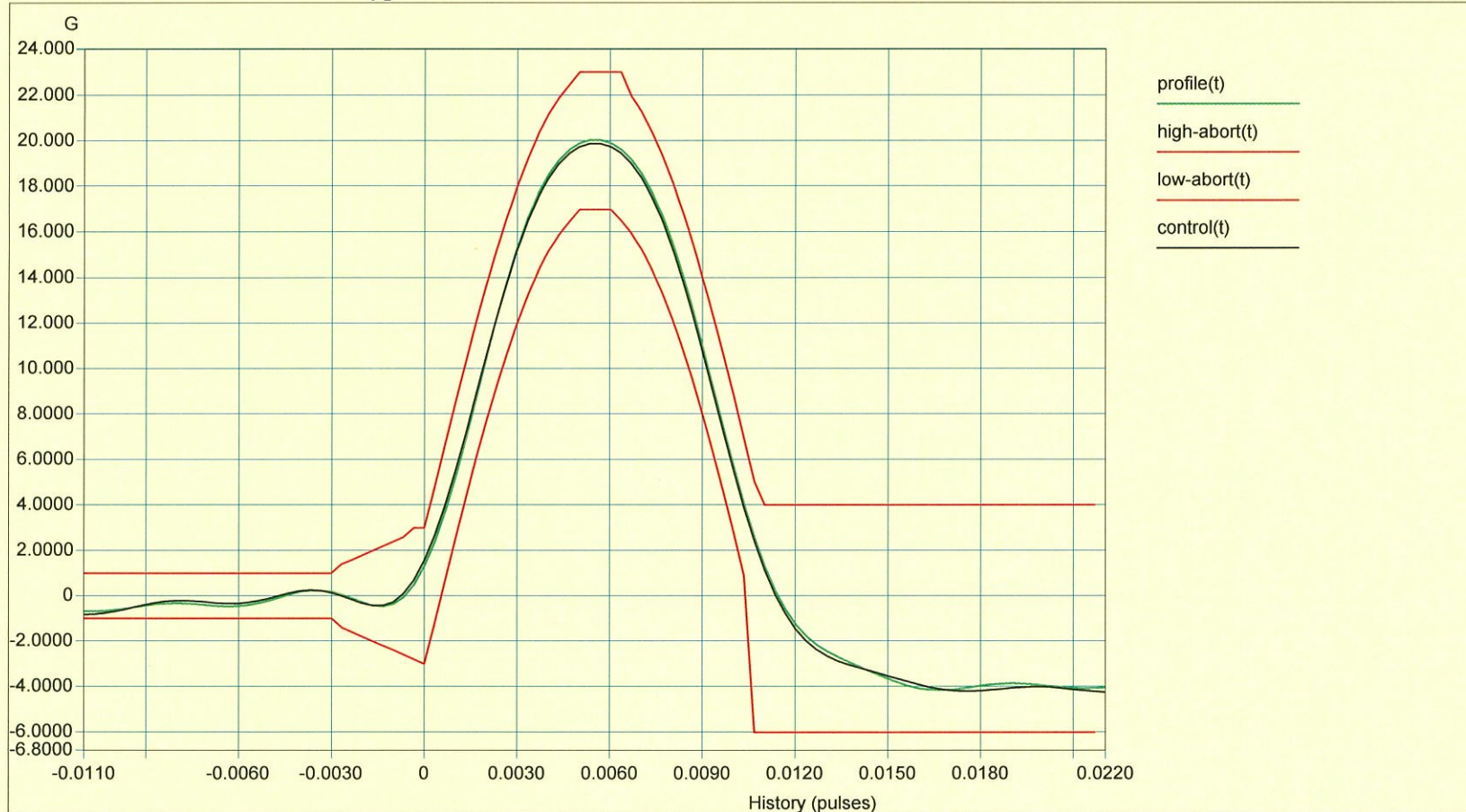
TESTING / INSPECTION REPORT



+X axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Jan 07,2014 13-25-04

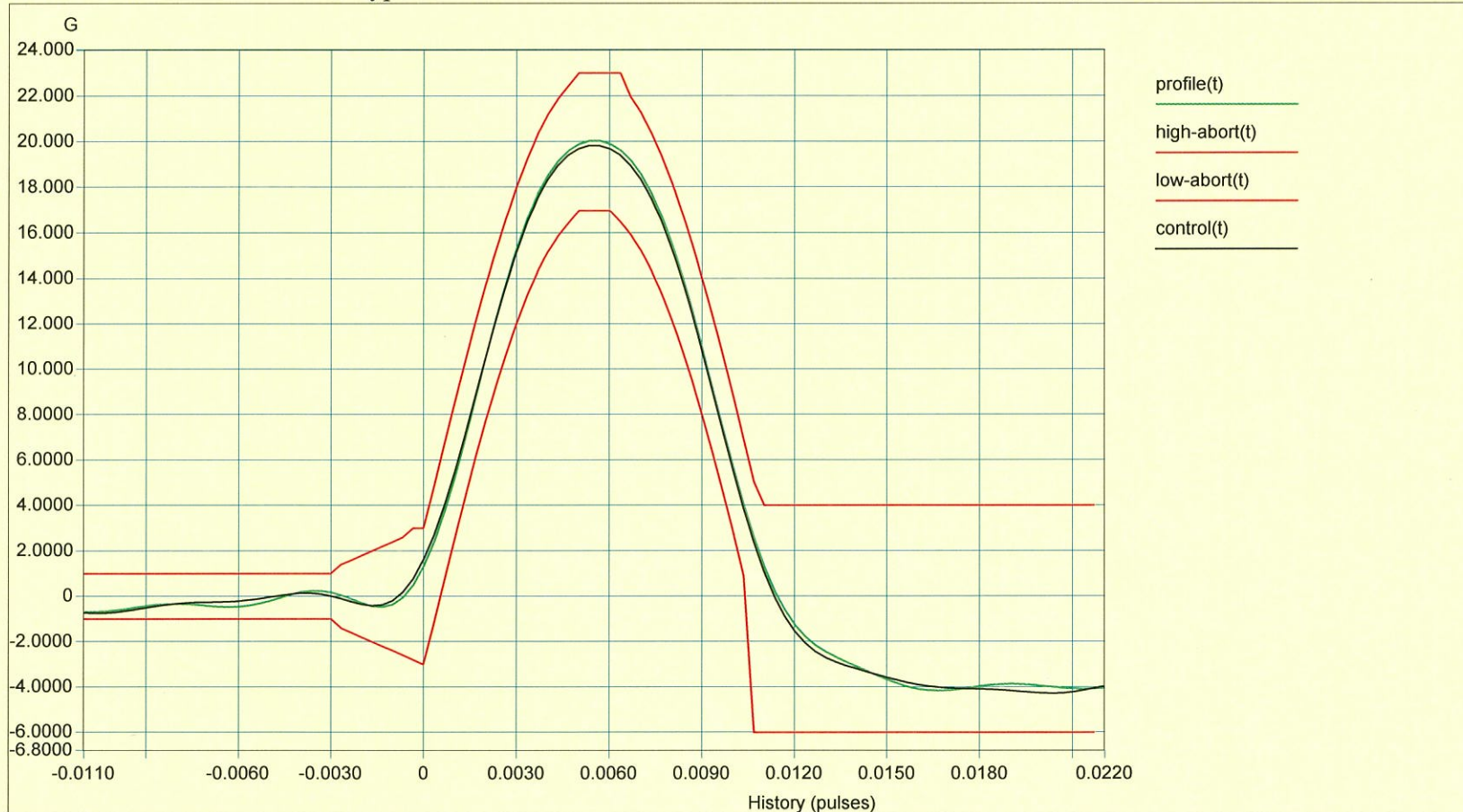


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 19.855482 G Control RMS: 2.044594 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-X axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: \Run Jan 07,2014 13-27-43

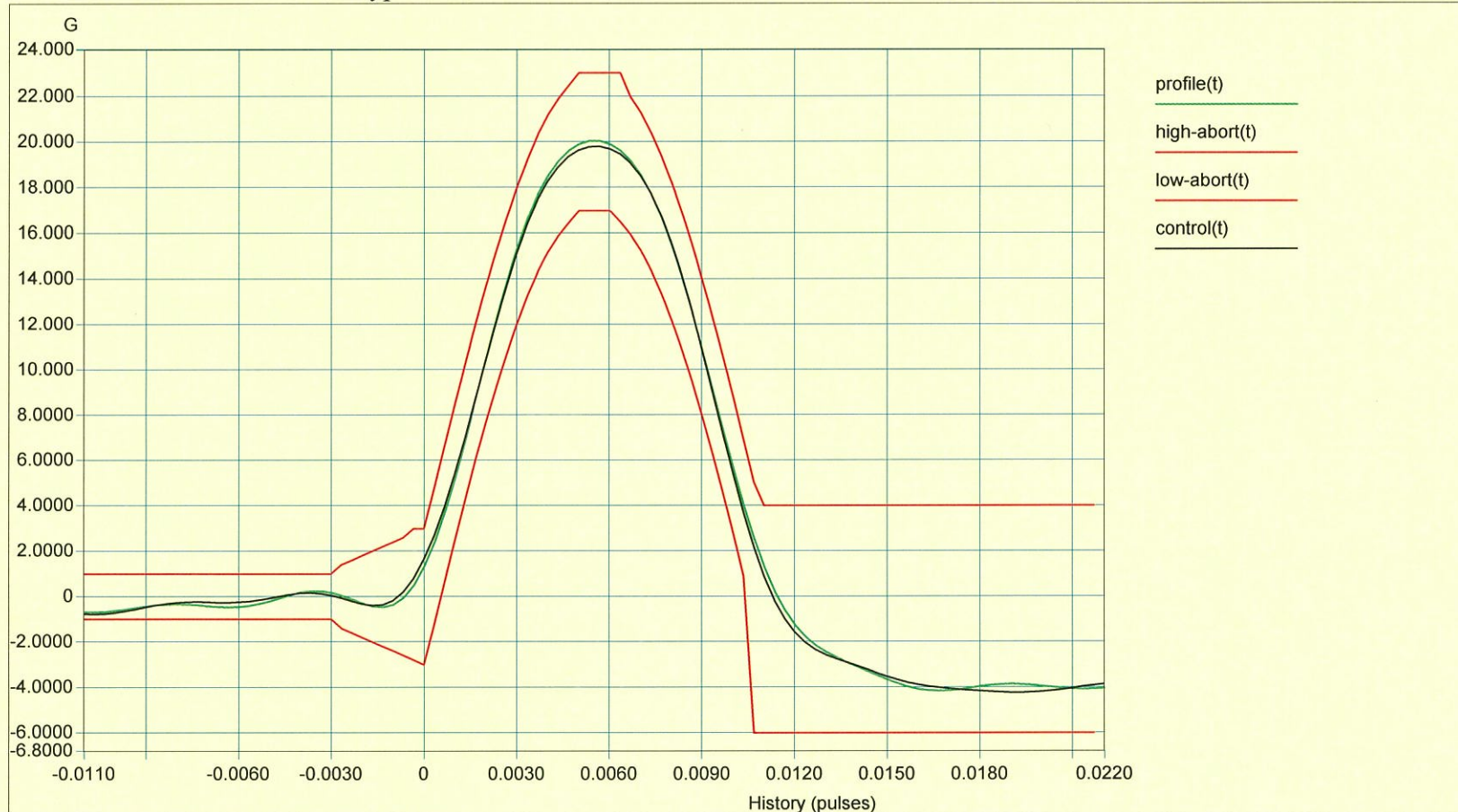


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.809477 G Control RMS: 2.045373 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

+Y axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Jan 07,2014 13-17-13

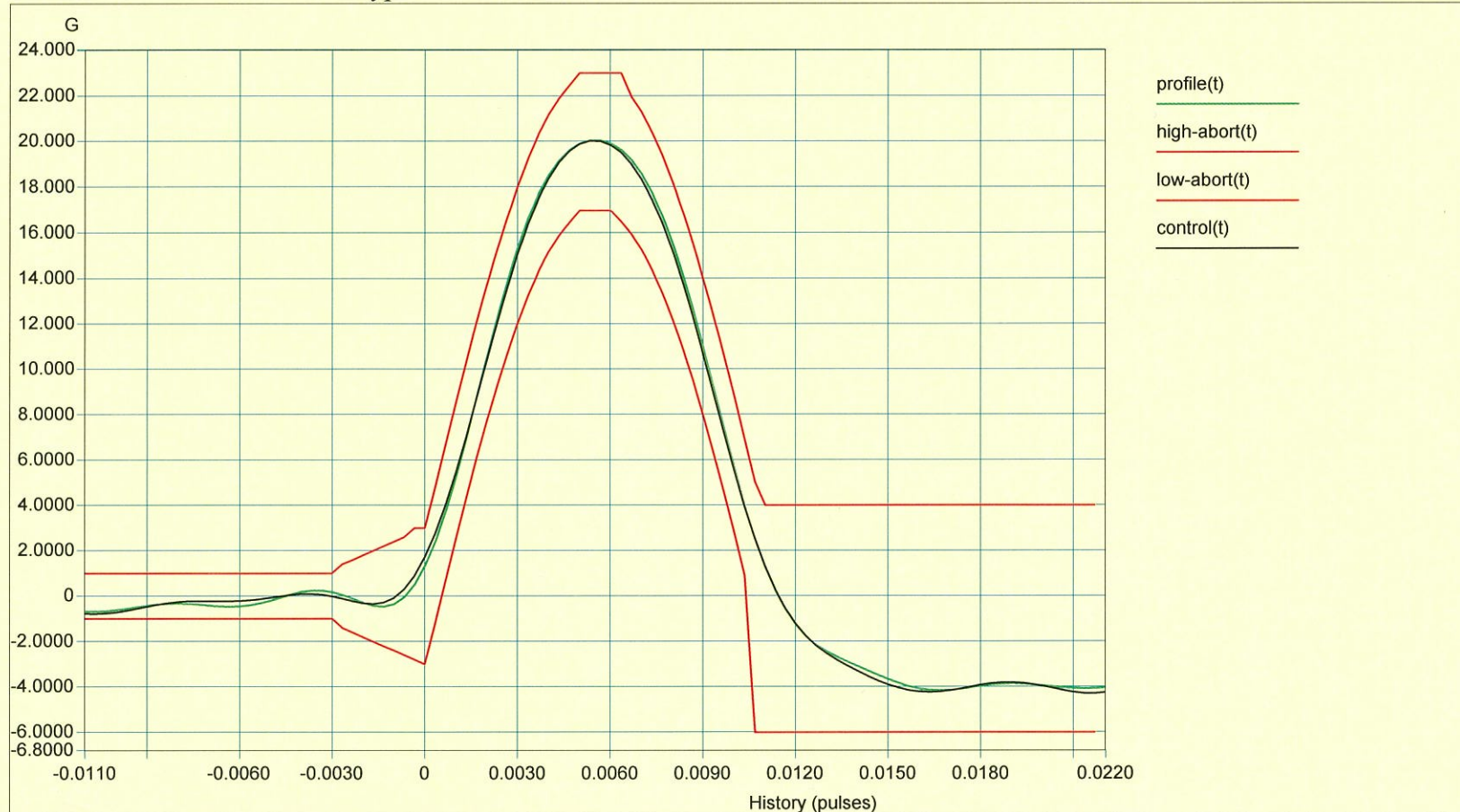


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 19.775261 G Control RMS: 2.049143 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-Y axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Jan 07,2014 13-20-31

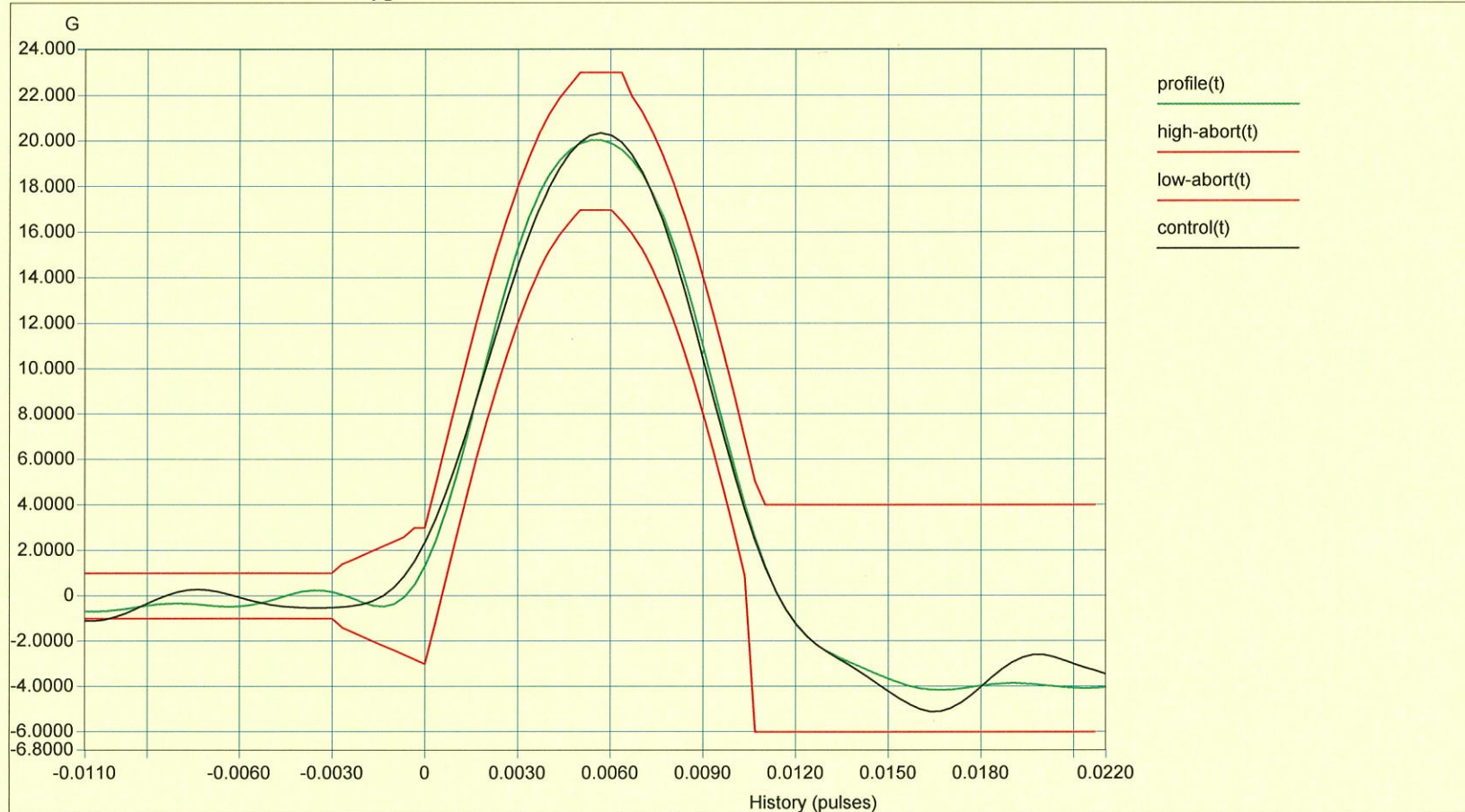


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 19.994991 G Control RMS: 2.050802 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

+Z axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Jan 07,2014 13-06-06



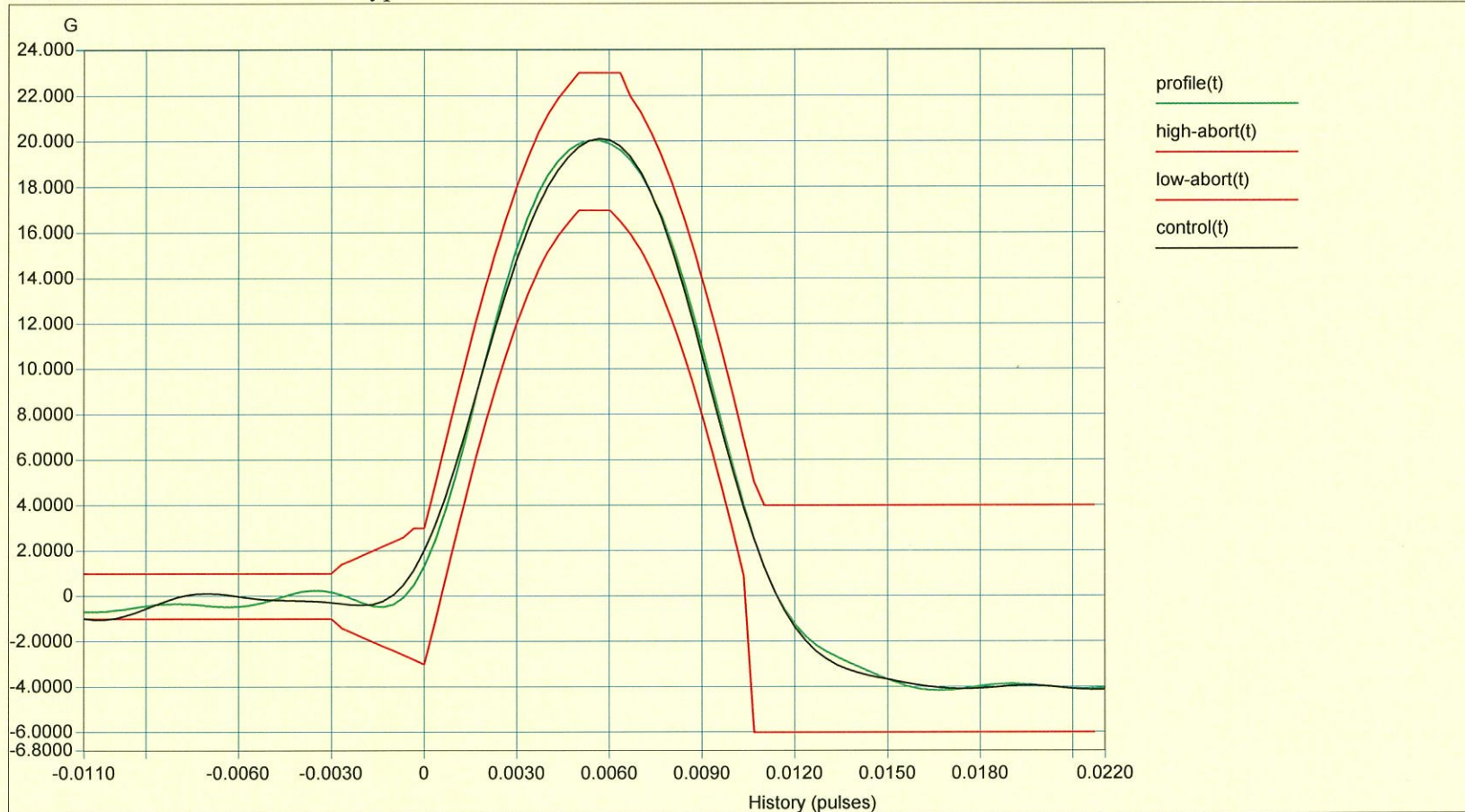
Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 20.332054 G Control RMS: 2.052499 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

2/15/14

-Z axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Jan 07,2014 13-10-22



Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 20.098139 G Control RMS: 2.049907 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-END-