

OPD-212A

Shock Test Report

Report NO :

Issued by:

/

23/1/2003

Tery Huang
ME Engineer

Date

Reviewed by:

/

23/1/2003

Jonny Cheng
ME Engineer

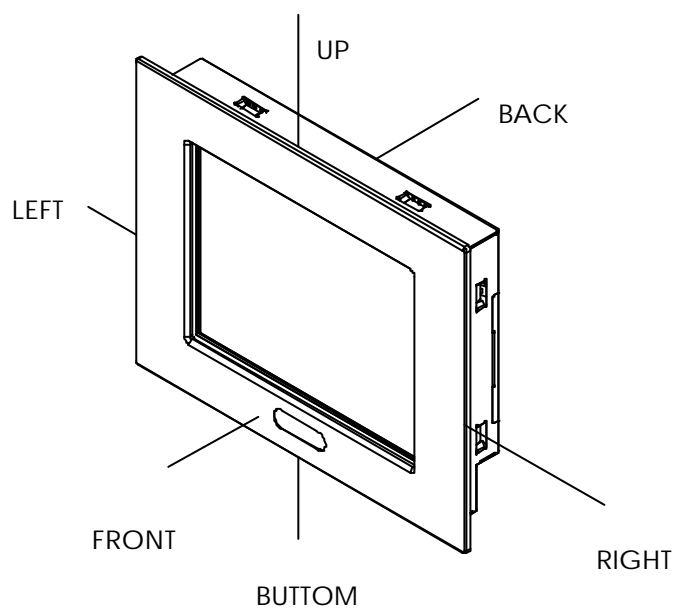
Date

Test Date: 23/1/2003**Test Product:** 12" Open Display Monitors**Test Site:** KING DESIGN VIBRATION LABORATORY**Performed By :** Art Liao**Test Standard :** Reference IEC68-2-27 Testing procedures
Test Ea : Conformity**Test Equipment:**

Type	MFR	Model Number	Serial Number
Shock Tester	KSON	KD-9363-600FK2-50N120	KDS11054783
Controller	DACTRON	DSC System Version 0.922	635651
Control Accelerometer	WILCOXON RESEARCH	WR-777	4207

Test Condition :

1. Operation
2. Wave Form : Half Sine wave
3. Acceleration : 15g
4. Duration Time : 11ms
5. No. of Shock : Each axis 3 times
6. Shock Direction : Bottom, Top, Left, Right, Front, Back axis
7. Axial Definition :



Sample Configuration & Quantity Under Test :

Using one OPD-212A Display Mointor

Performance Criteria :

- 1.The system structure doesn' t deformation; Function is OK during system test..
- 2.The switch button , cover, and slot should work properly without any interference.

Test Result :

Passed.

The OPD-212A. meets Shock Operation test.

Testing Photos :

TOP



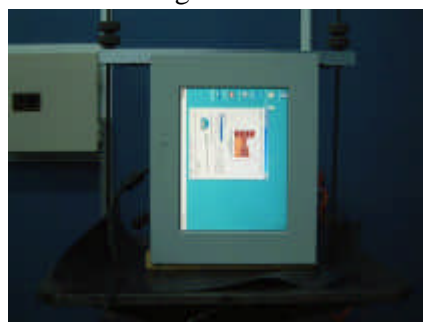
Bottom



Left



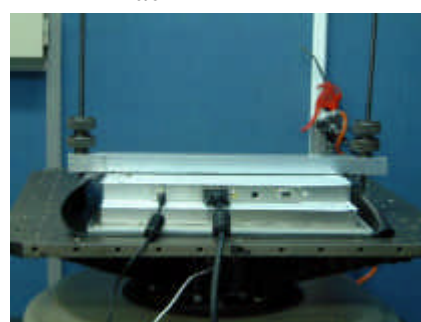
Right



Front



Back



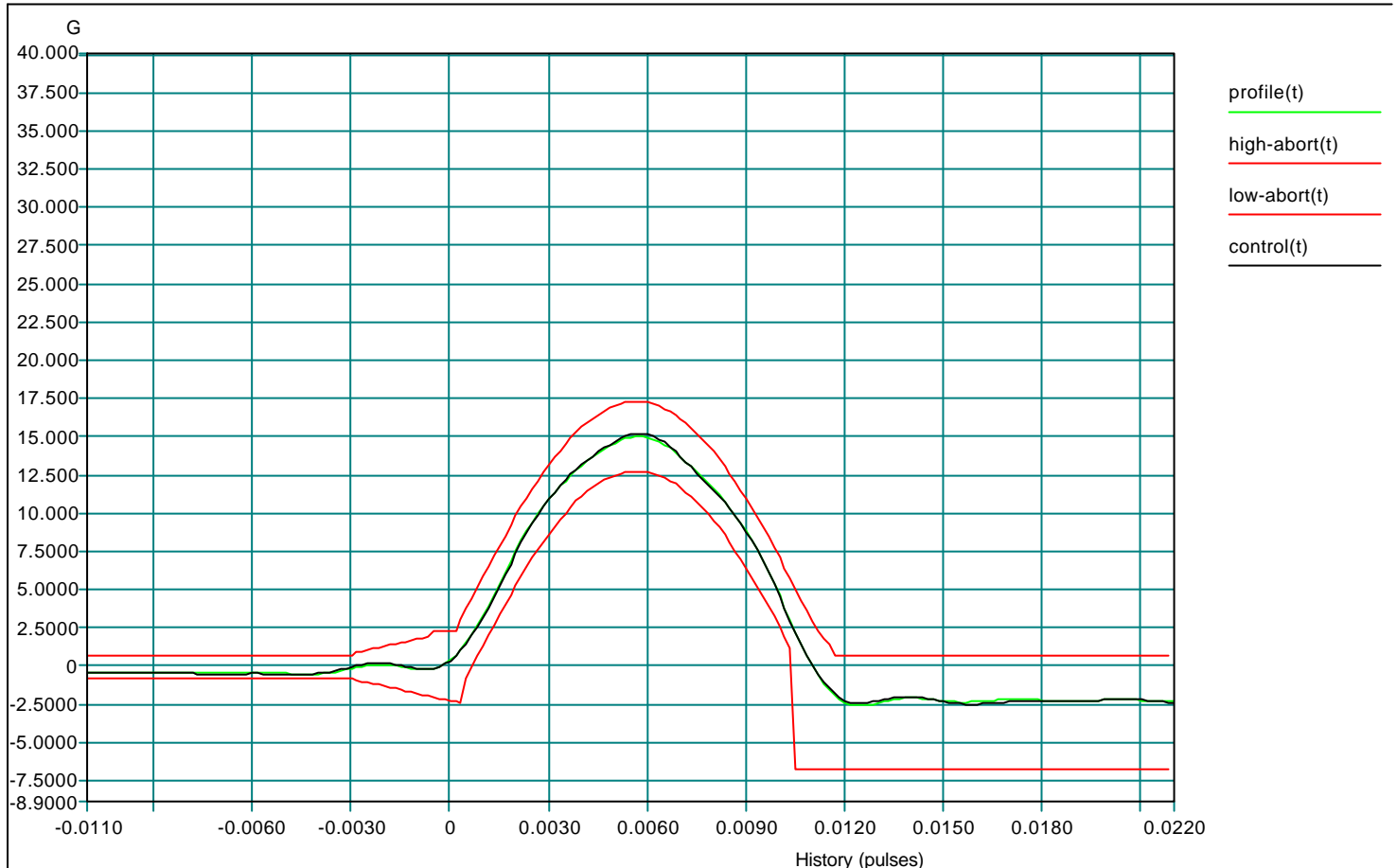
Axis x OPD-212A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-25-53



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 15.163236 G Control RMS: 1.492341 G Full Level Elapsed Pulses: 5
dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.480628 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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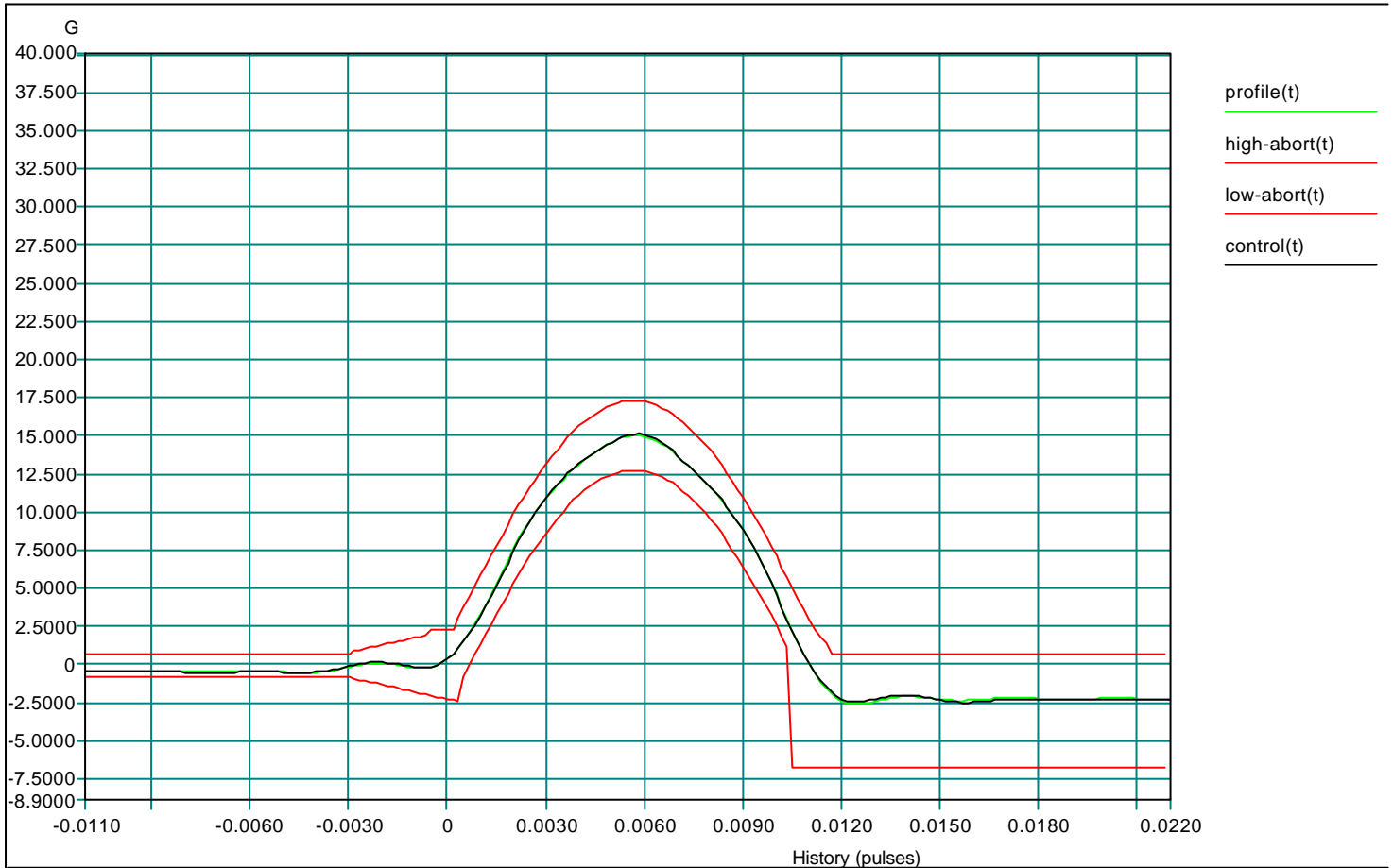
Axis -x OPD-212A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-27-45



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 15.098534 G Control RMS: 1.491825 G Full Level Elapsed Pulses: 5
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.480628 G Remaining Pulses: 0
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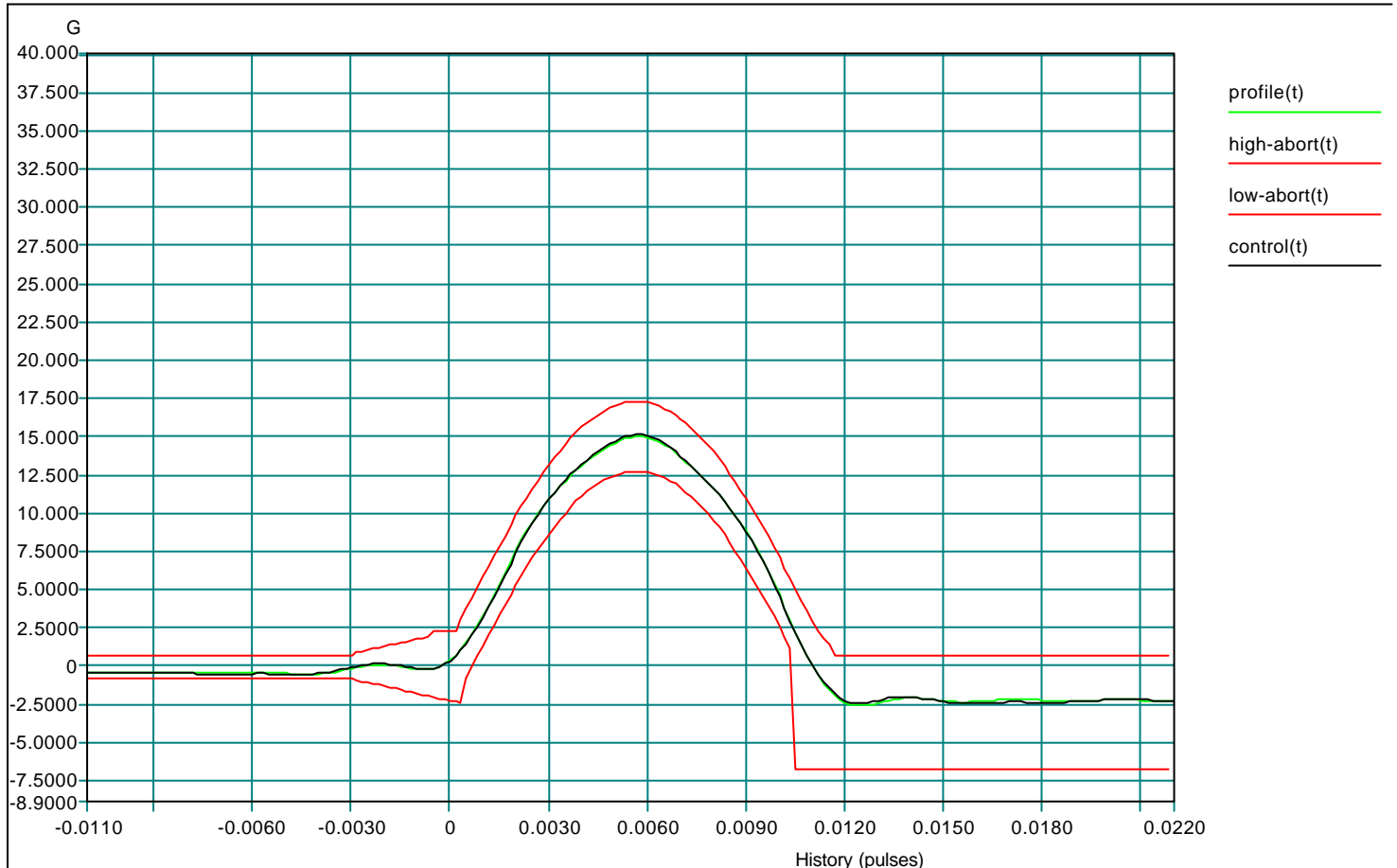
Axis y OPD-212A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-35-48



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 15.136500 G Control RMS: 1.492262 G Full Level Elapsed Pulses: 5
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.480628 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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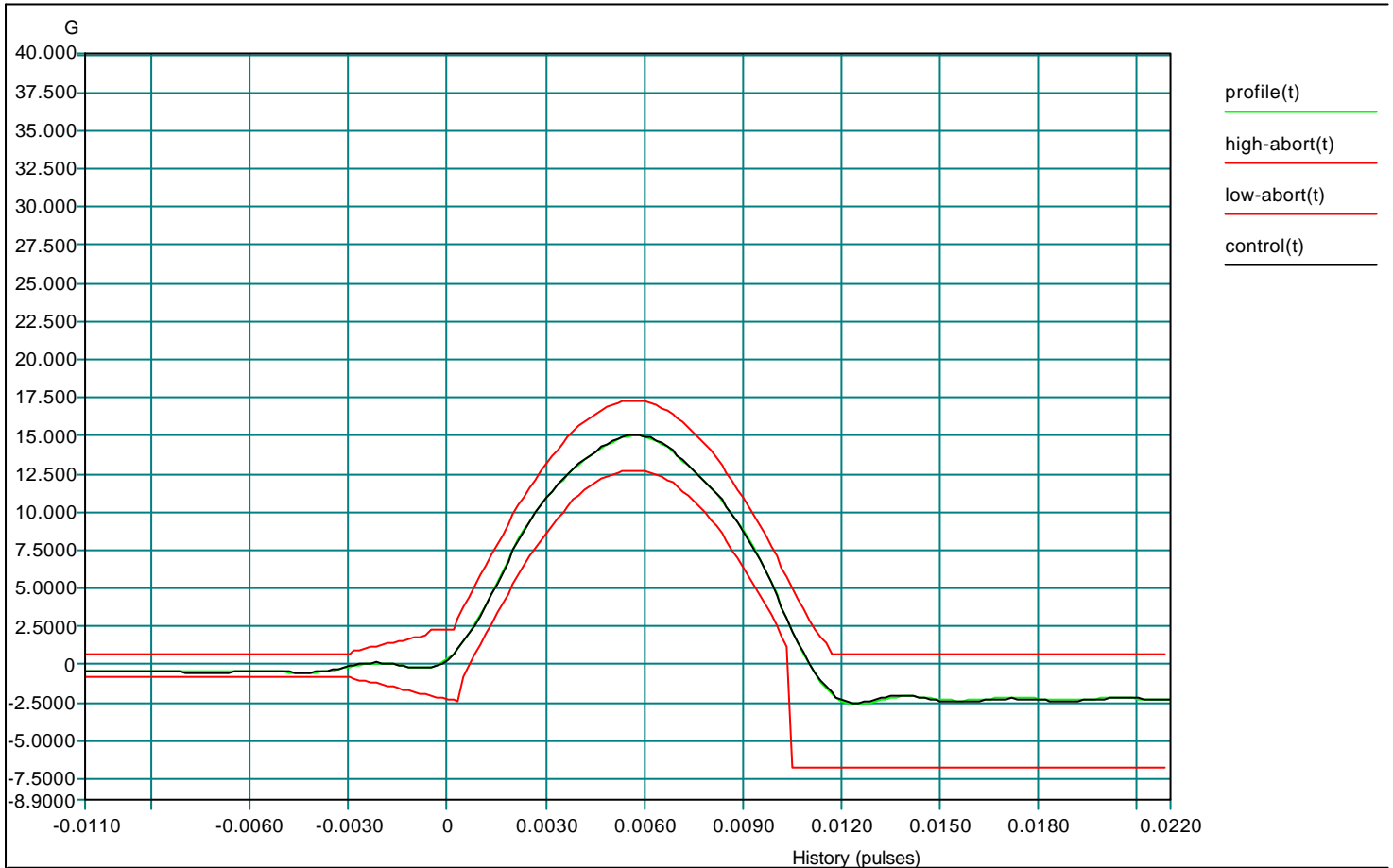
Axis -y OPD-212A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-31-51



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 15.042755 G Control RMS: 1.491397 G Full Level Elapsed Pulses: 5
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.480628 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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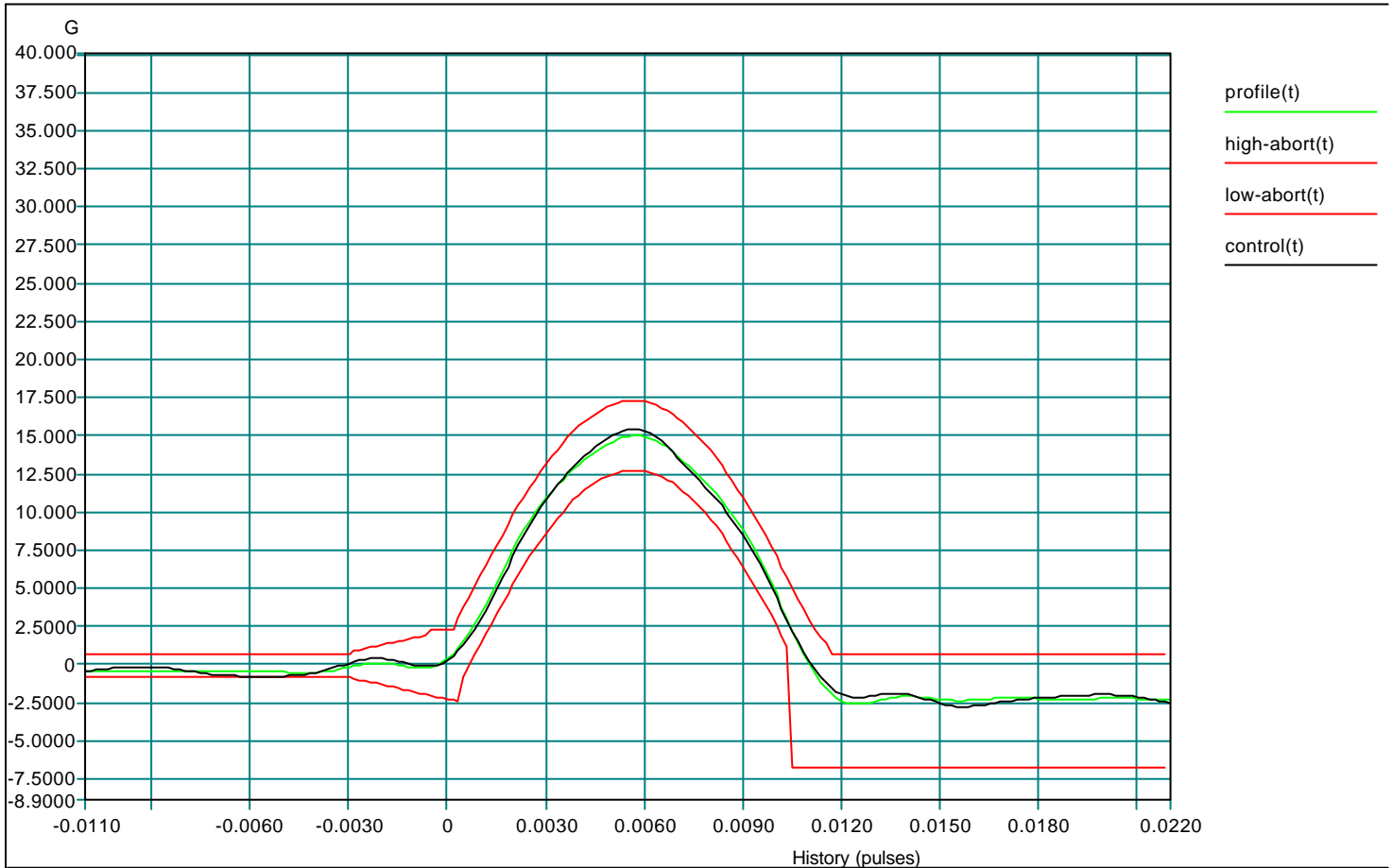
Axis z OPD-212A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-18-12



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 15.417044 G Control RMS: 1.495376 G Full Level Elapsed Pulses: 5
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.480628 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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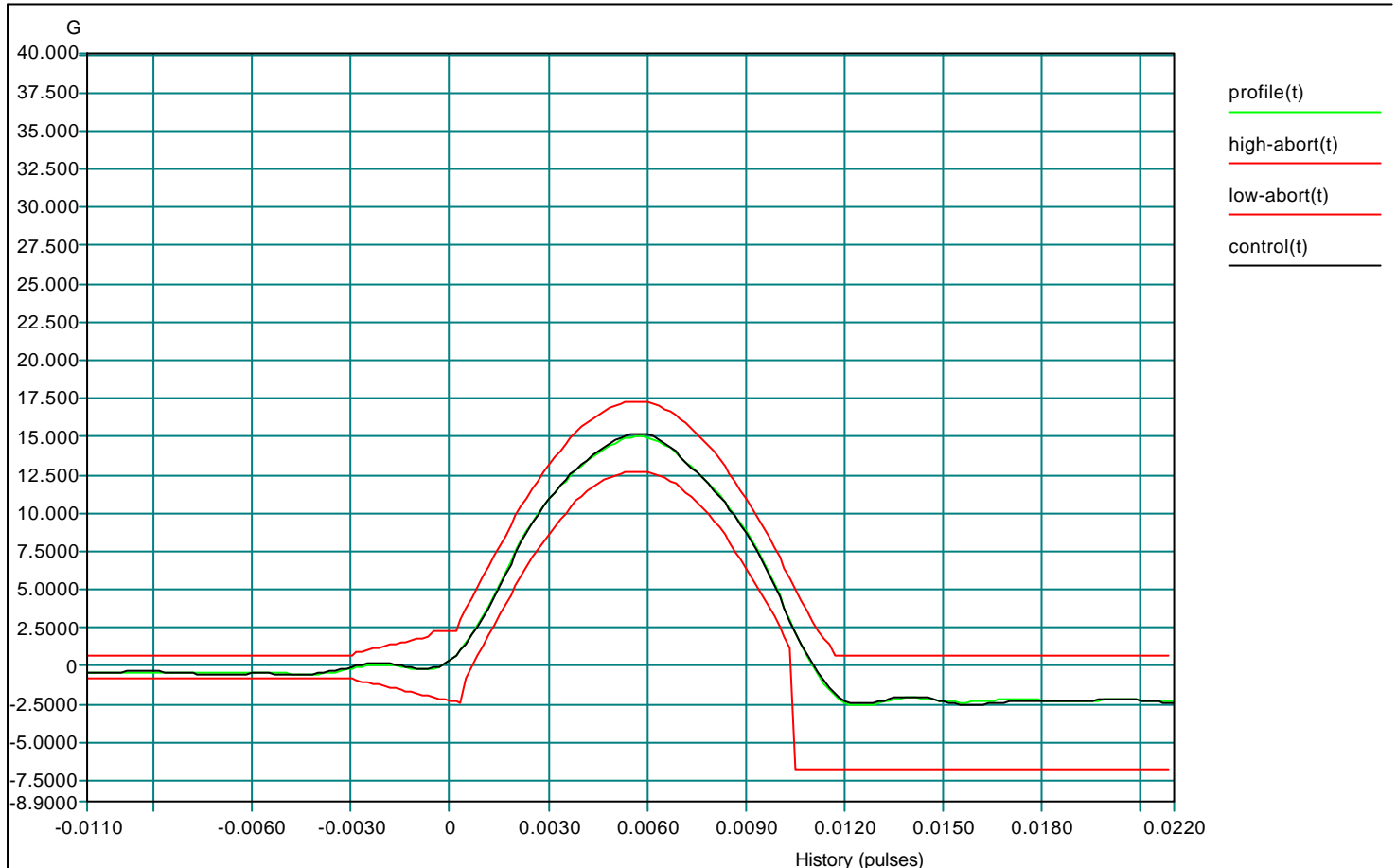
Axis -z OPD-212A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-20-40



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 15.187142 G Control RMS: 1.492830 G Full Level Elapsed Pulses: 5
dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.480628 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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