

OPD-215A

Shock Test Report

Report NO :

Issued by:

Tery Huang
ME Engineer

/

23/1/2003

Date

Reviewed by:

Jonny Cheng
ME Manger

/

23/1/2003

Date

Test Date: 23/1/2003

Test Product: 15" Open Display Monitors

Test Site: KING DESIGN VIBRATION LABORATORY

Performed By : Art Liao

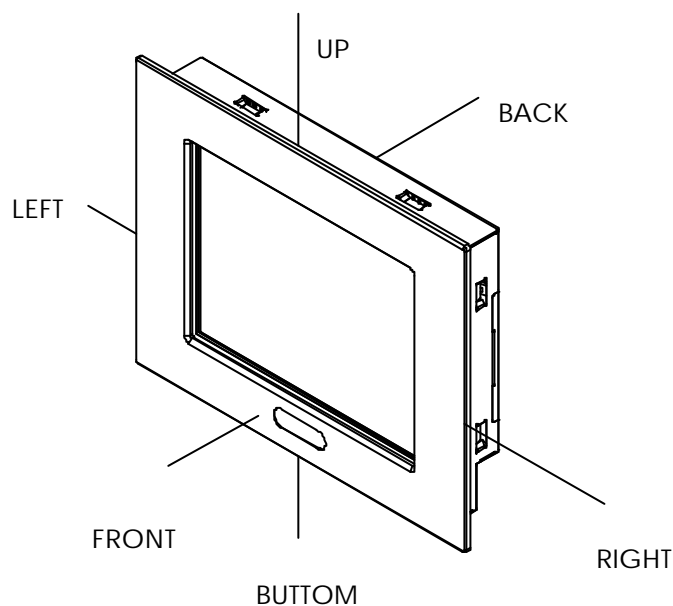
Test Standard : Reference IEC68-2-27 Testing procedures
Test Ea : Conformity

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-215A 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.

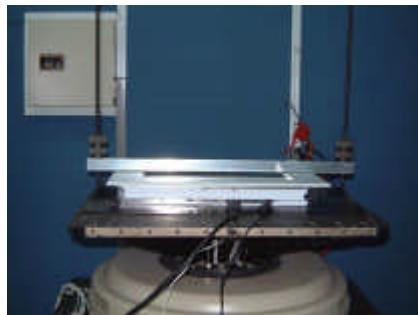
Test Result :

Passed.

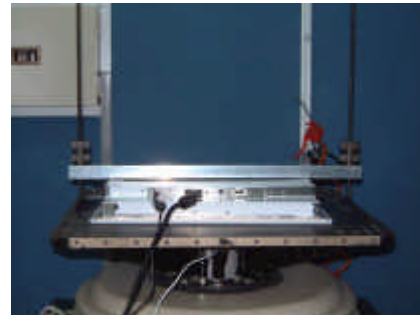
The OPD-215A. meets Shock Operation test.

Testing Photos :

TOP



Bottom



Left



Right



Front



Back





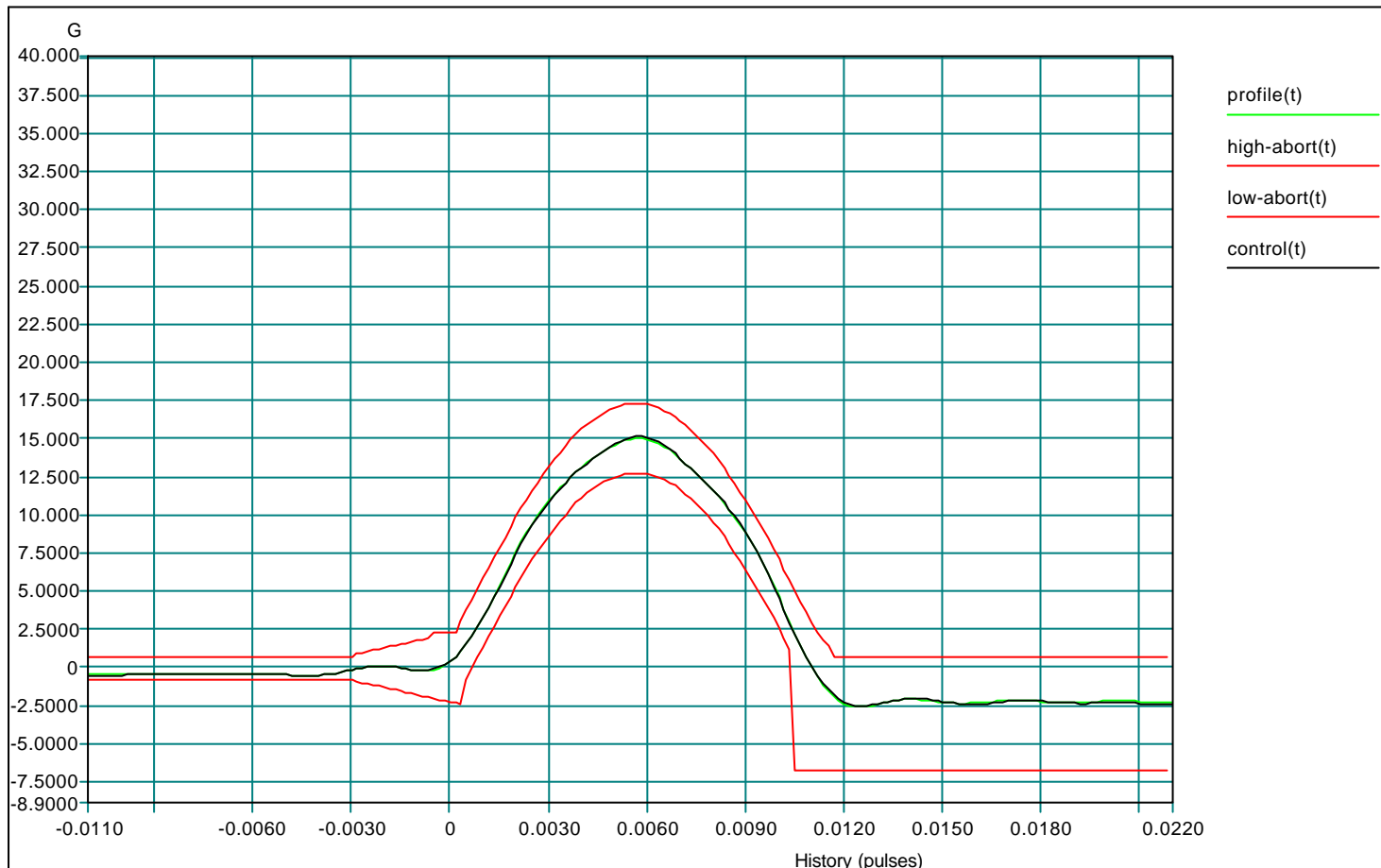
Axis z OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-45-30



Level: 100 % Block Size:4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 15.106660 G Control RMS: 1.491491 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

Data saved at 10:45:52 AM, Thursday, January 23, 2003 Report created at 10:45:53 AM, Thursday, January 23, 2003



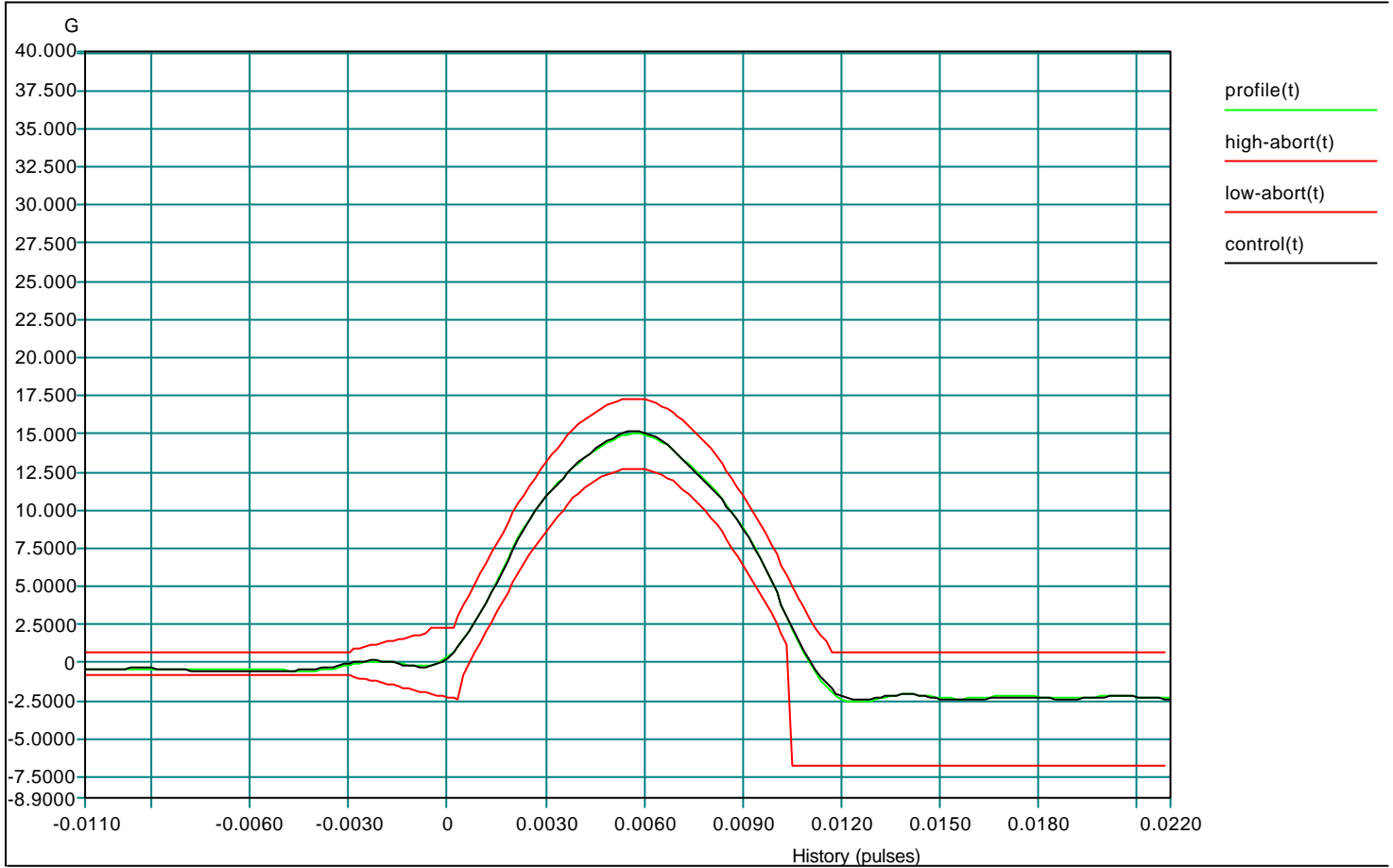
Axis -z OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-47-18



Level: 100 % Block Size:4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 15.164515 G Control RMS: 1.491396 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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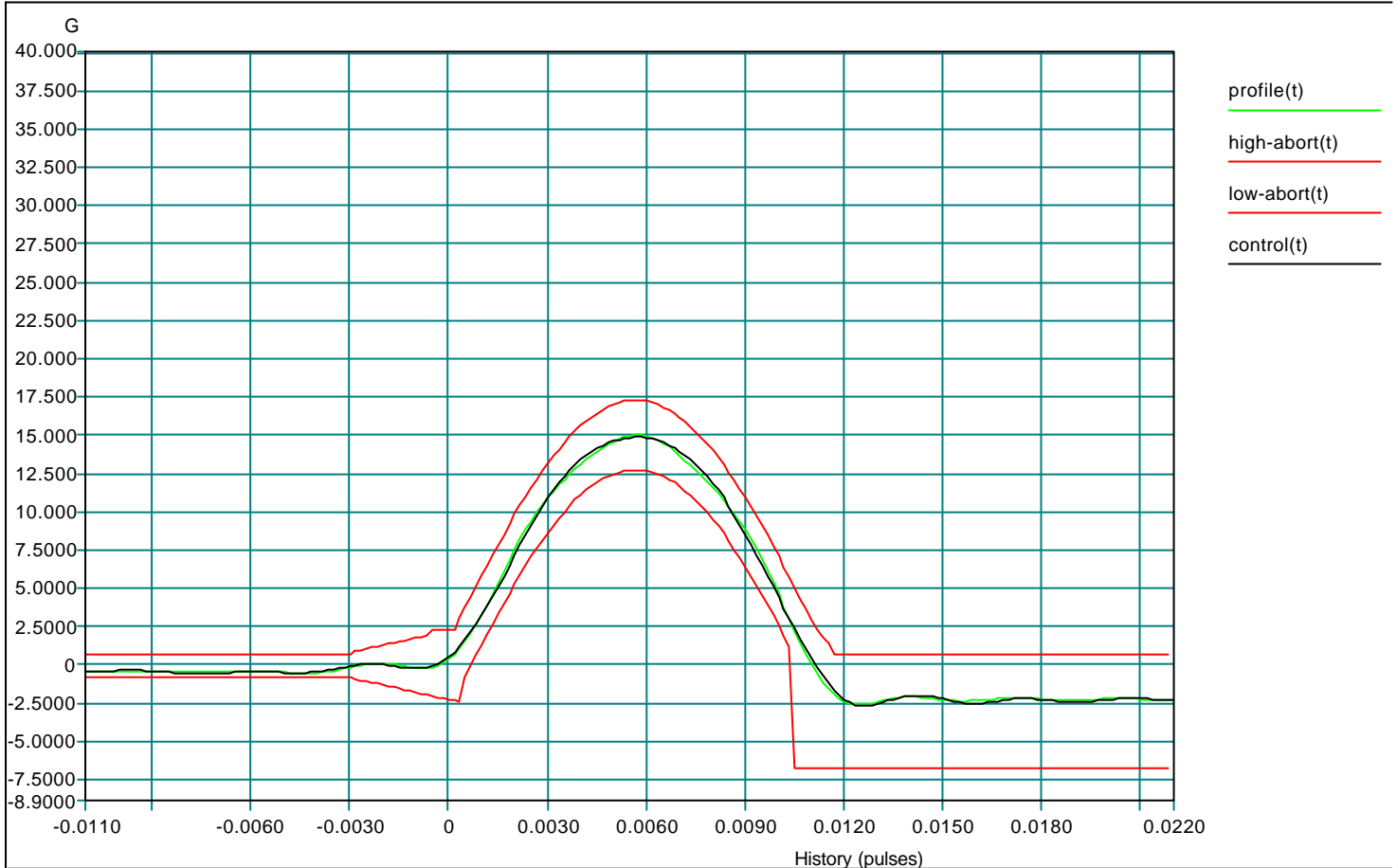
Axis x OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-49-56



Level: 100 % Block Size:4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 14.861610 G Control RMS: 1.493990 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

Data saved at 10:50:16 AM, Thursday, January 23, 2003 Report created at 10:50:18 AM, Thursday, January 23, 2003



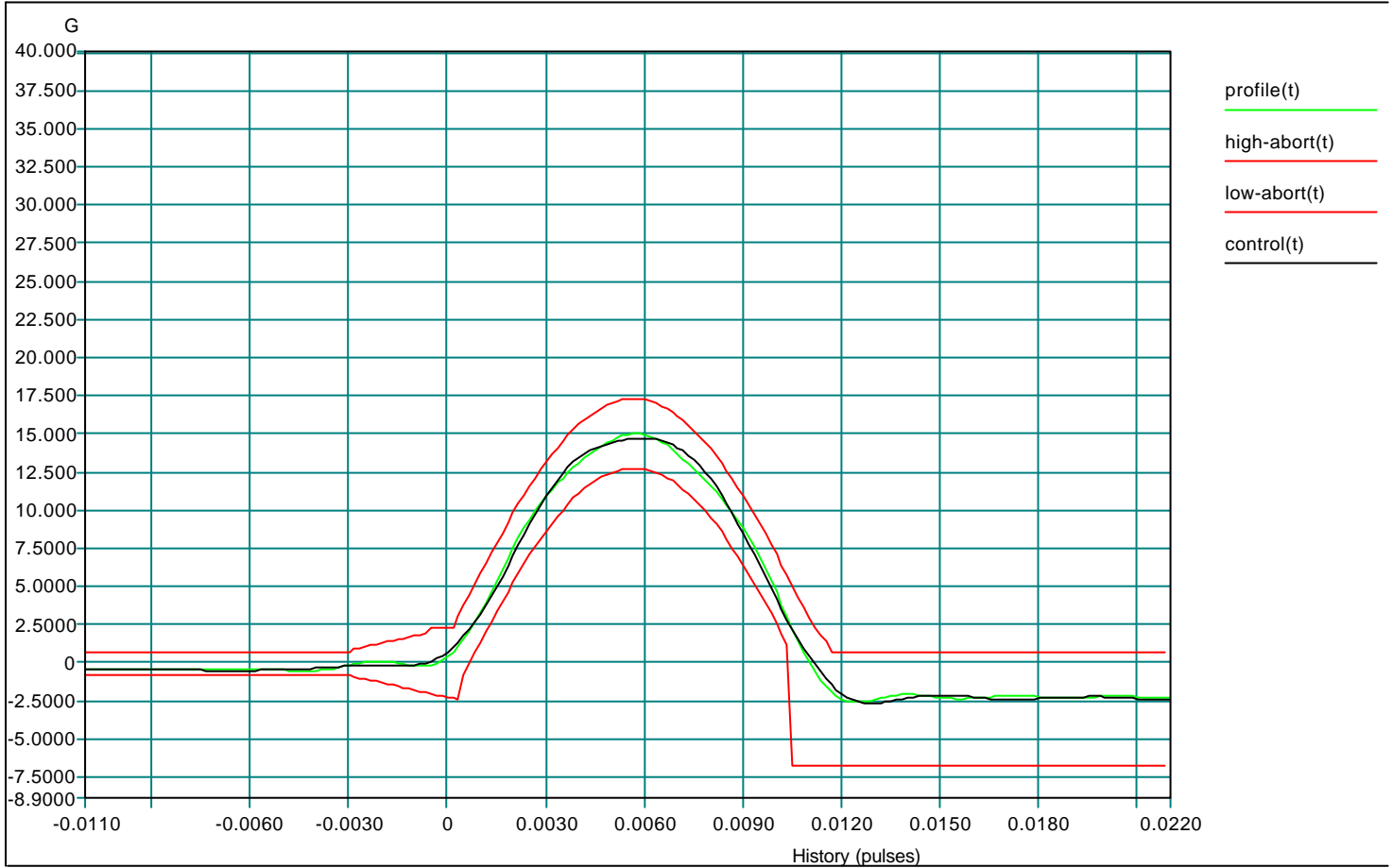
Axis -x OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-51-36



Level: 100 % Block Size:4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 14.697993 G Control RMS: 1.493145 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

Data saved at 10:51:53 AM, Thursday, January 23, 2003 Report created at 10:51:55 AM, Thursday, January 23, 2003



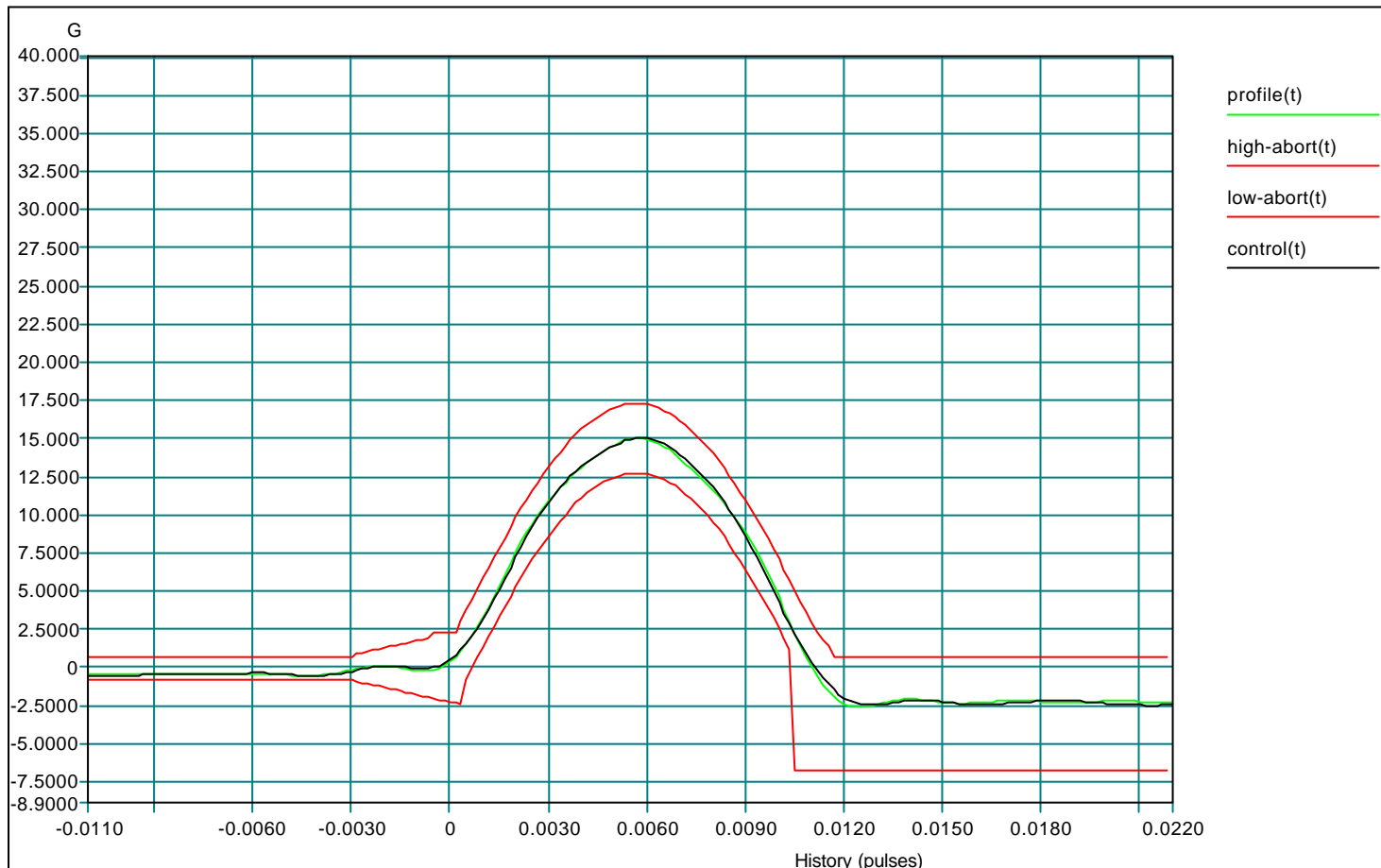
Axis -y OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-54-42



Level: 100 %

Block Size:4096

Elapsed Pulses: 12

Frame Time: 0.682667 Seconds

Control Peak: 15.016815 G

Control RMS: 1.491042 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

Data saved at 10:54:59 AM, Thursday, January 23, 2003

Report created at 10:55:00 AM, Thursday, January 23, 2003



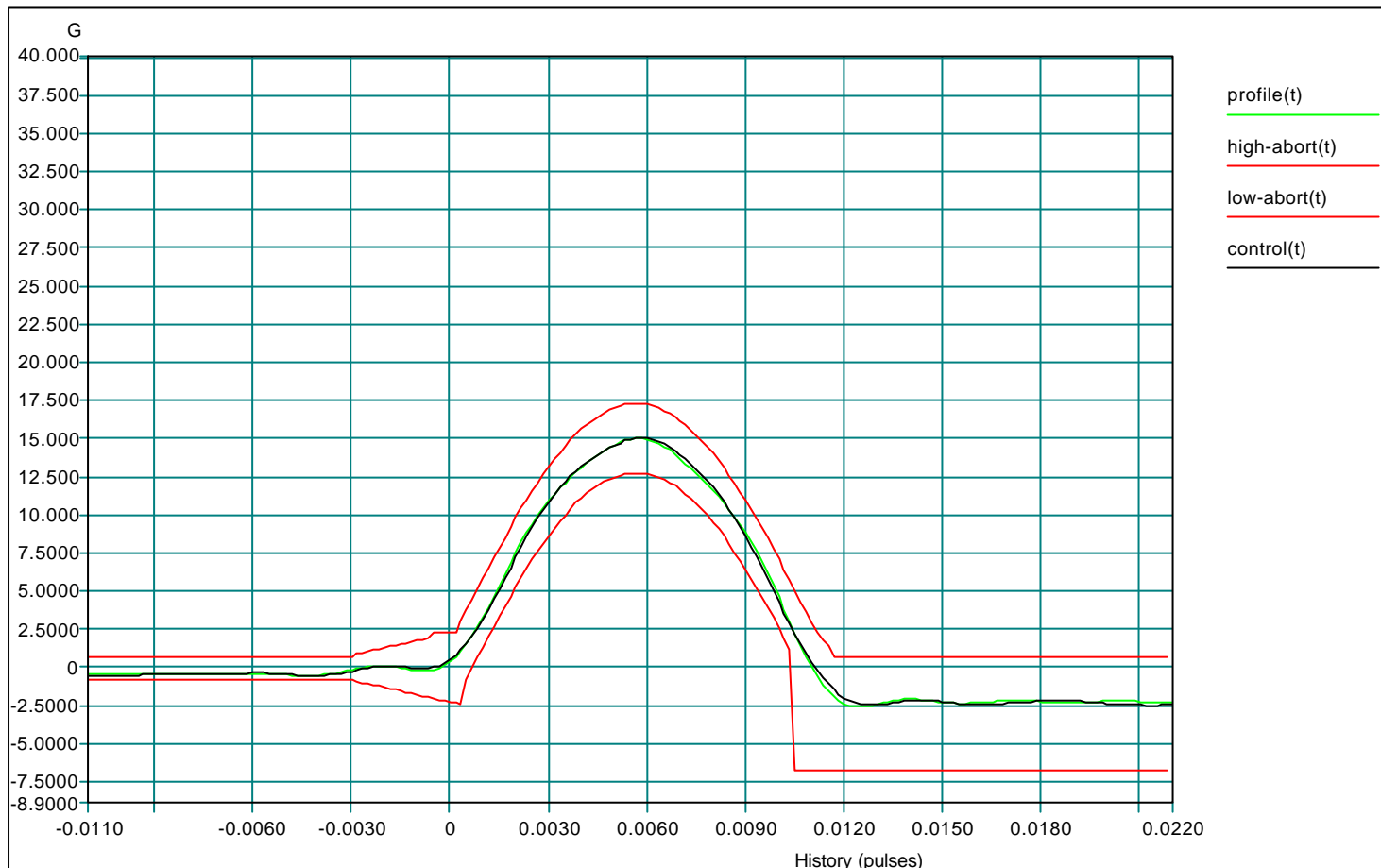
Axis -y OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-54-42



Level: 100 % Block Size:4096 Elapsed Pulses: 12
Frame Time: 0.682667 Seconds Control Peak: 15.016815 G Control RMS: 1.491042 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

Data saved at 10:54:59 AM, Thursday, January 23, 2003 Report created at 10:55:00 AM, Thursday, January 23, 2003



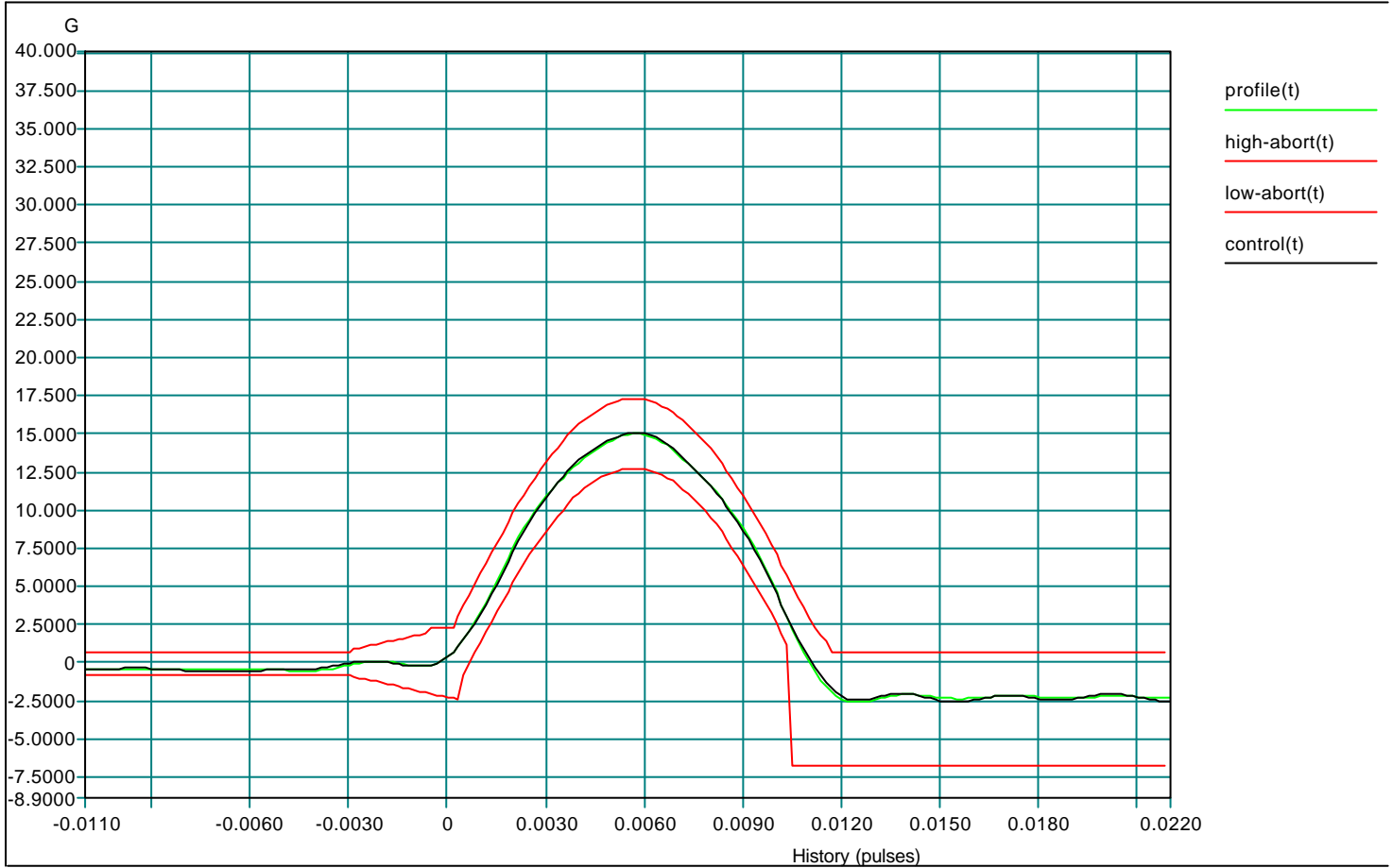
Axis y OPD-215A

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Jan 23,2003 10-56-37



Level: 100 %

Block Size:4096

Elapsed Pulses: 12

Frame Time: 0.682667 Seconds

Control Peak: 15.064720 G

Control RMS: 1.491940 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

Data saved at 10:56:56 AM, Thursday, January 23, 2003

Report created at 10:56:57 AM, Thursday, January 23, 2003

