

TESTING / INSPECTION REPORT

DATE : September 29, 2004
REPORT NO : ST-040929-2

COMPANY : AAEON Technology Inc.
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 : AEC-6840 with CFD

TEST / INSPECTION ITEMS : Shock Test (See Page 2)



REMARKS :

- The results only apply to the device under test.
- This report is 10 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer : <i>Bern Huang</i>	
Approved by : <i>David Lee</i>	Laboratory Head : <i>Dennis Ting</i>

TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

- | | |
|------------------------|------------------------------------|
| 1.Shock Testing System | : (KD-DP-1200-60, S/N:KDS11054989) |
| 2.Controller | : (KD-1200-03C, S/N:KD674) |
| 3.Accelerometer | : (B&K 4398, S/N:2209043) |

TEST ENVIRONMENT :

- | | |
|-------------|------------------------------|
| Temperature | : $24 \pm 2^{\circ}\text{C}$ |
| Humidity | : $70 \pm 20\% \text{ RH}$ |

SPECIMEN :

- | | |
|----------|---------------------|
| Model | : AEC-6840 with CFD |
| Quantity | : 1 piece |

SHOCK TEST SPECIFICATION :

- | | |
|-----------------|------------------------------------|
| Wave Form | : Half sine wave |
| Acceleration | : 100 g |
| Duration Time | : 1.1 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : $\pm X$, $\pm Y$, $\pm Z$ axis |

TEST RESULT :

The pass or failed judgment by AAEON engineers.

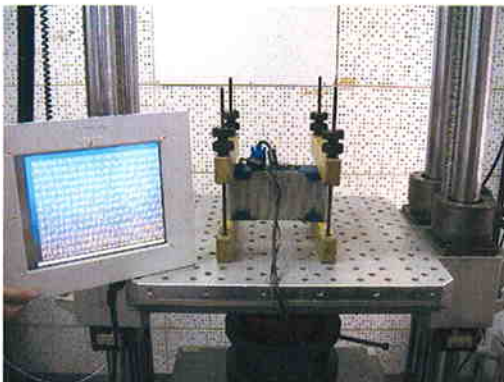
TESTING / INSPECTION REPORT

Testing photos

AXIS $\pm X$



AXIS $\pm Y$



AXIS $\pm Z$

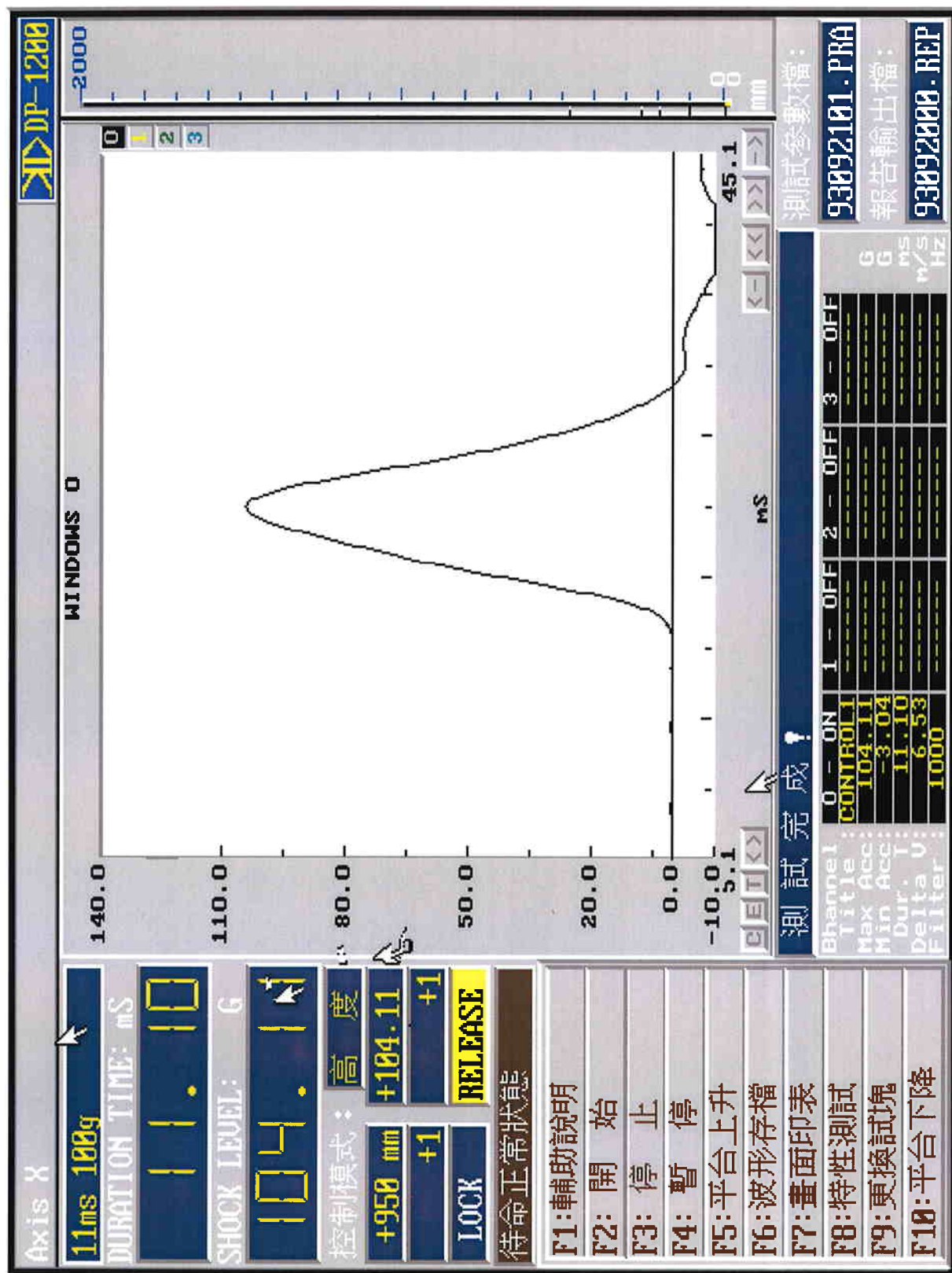


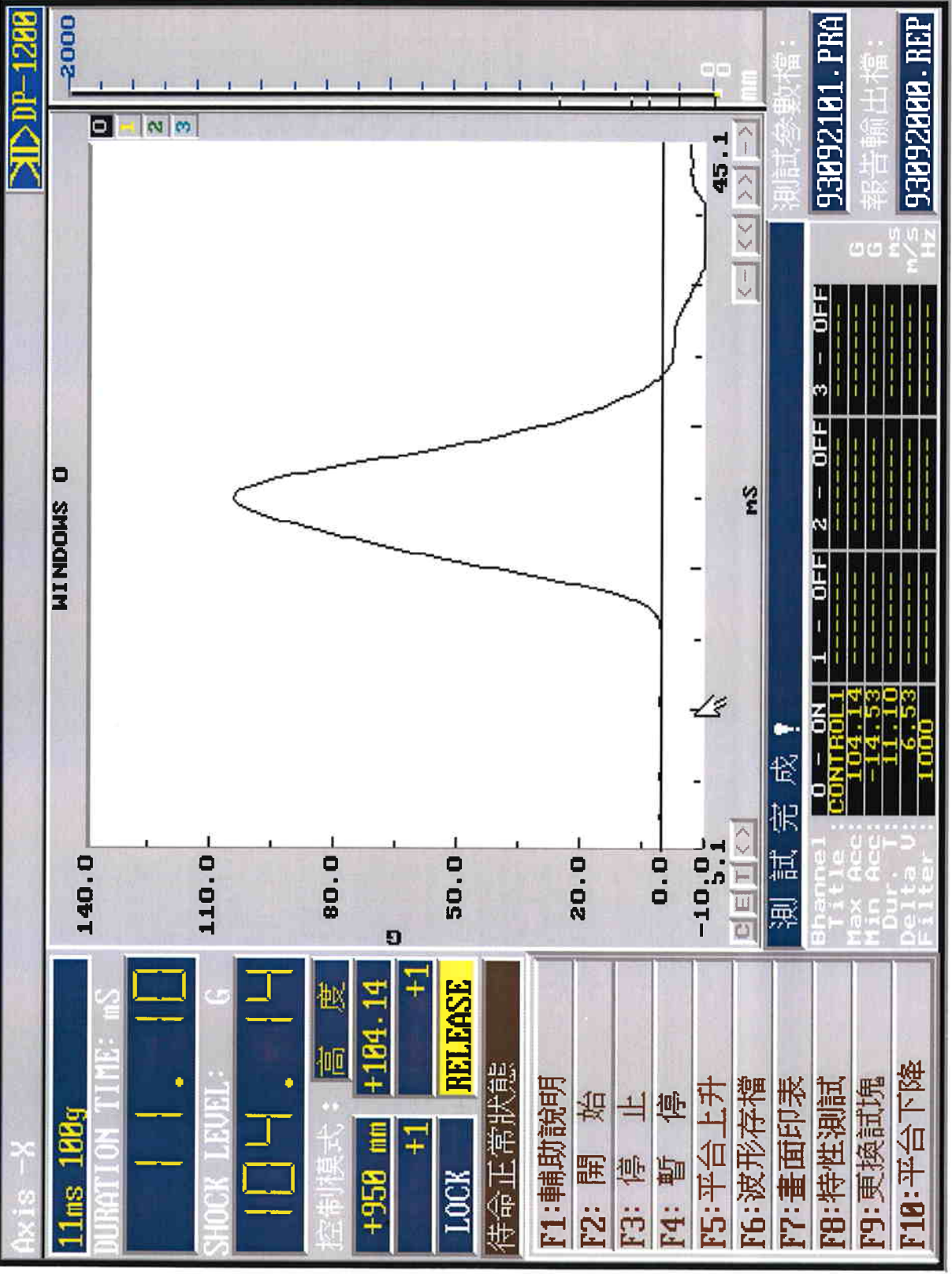
TESTING / INSPECTION REPORT

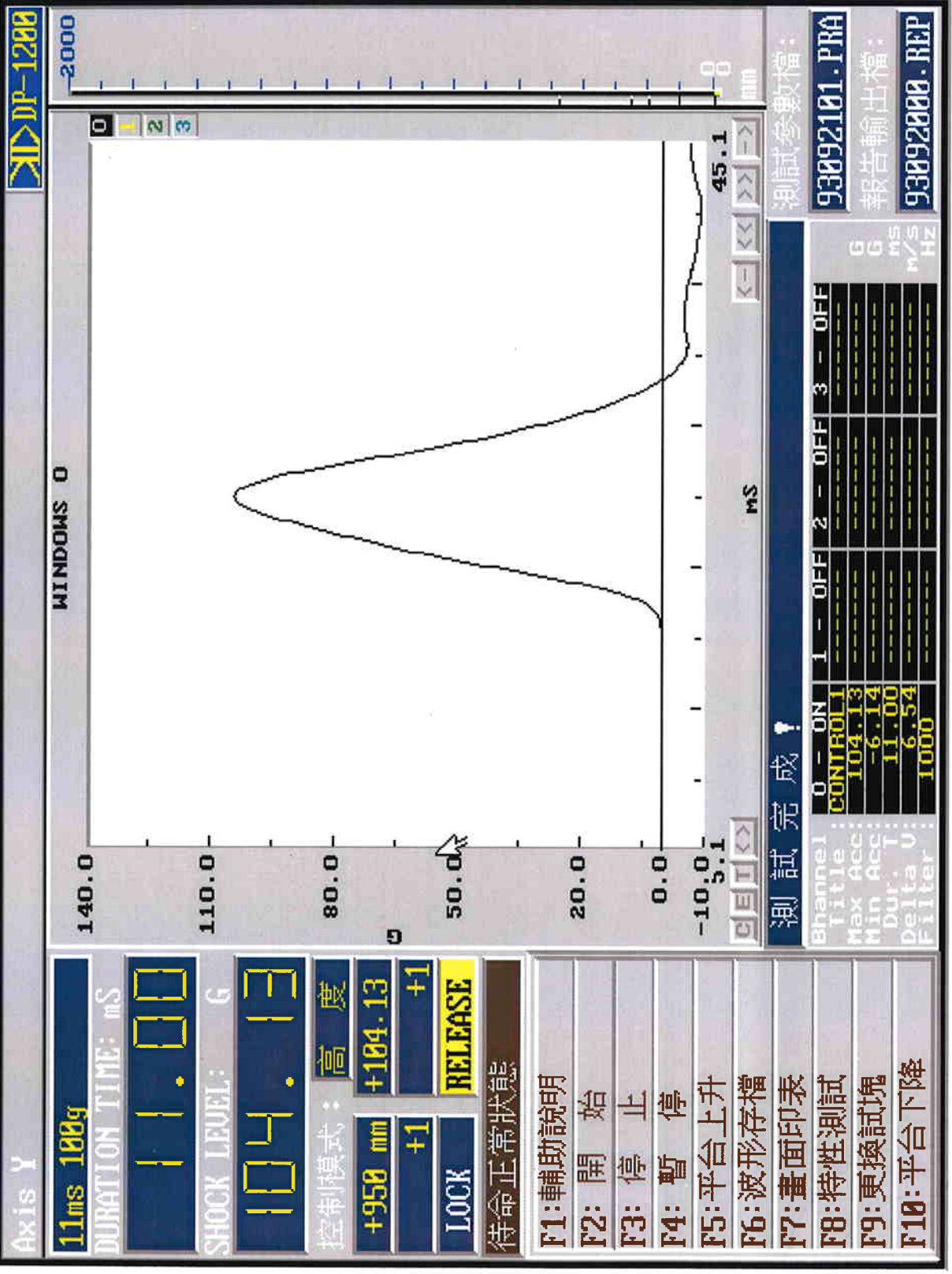
Testing photos

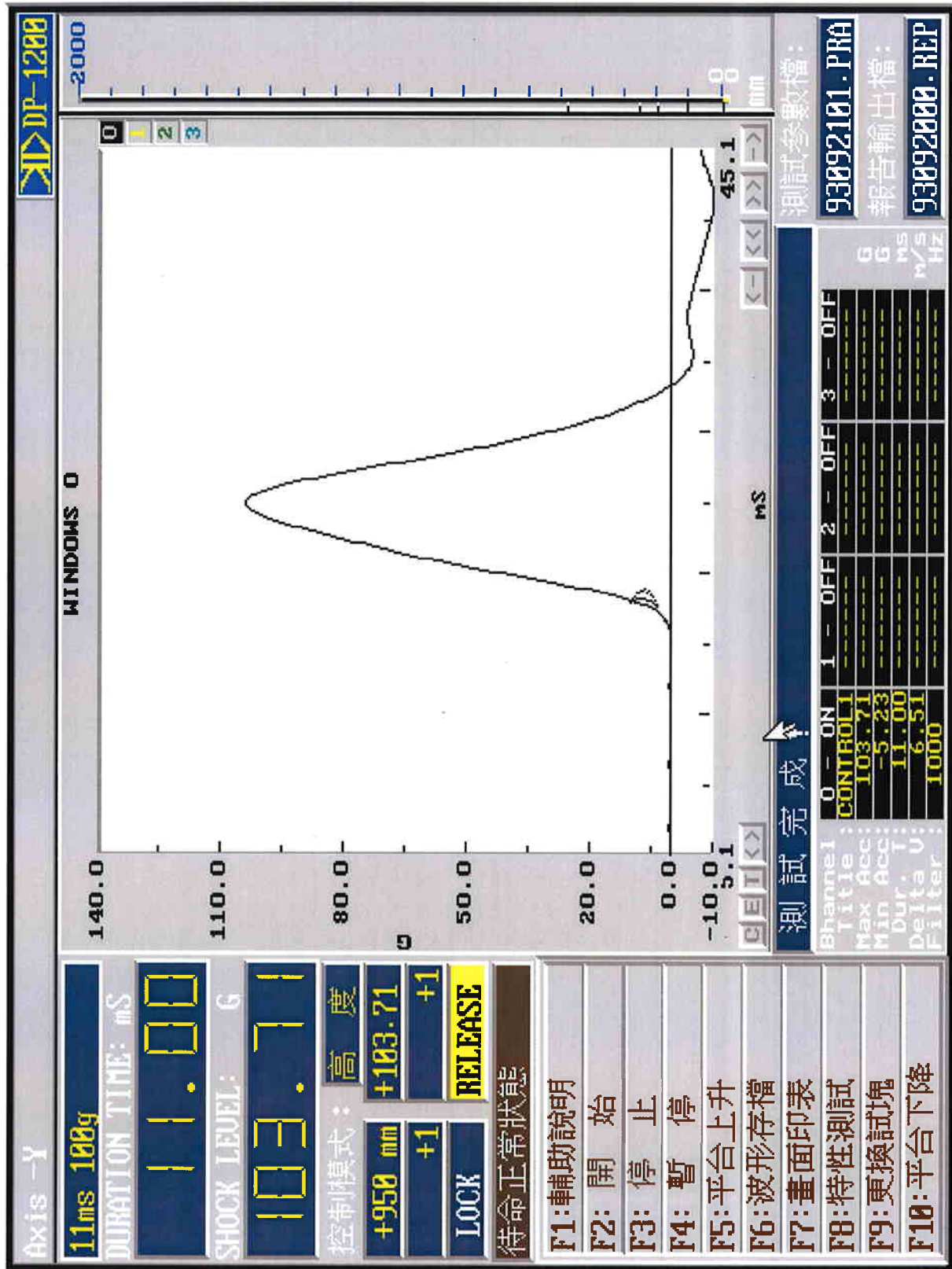
After Test

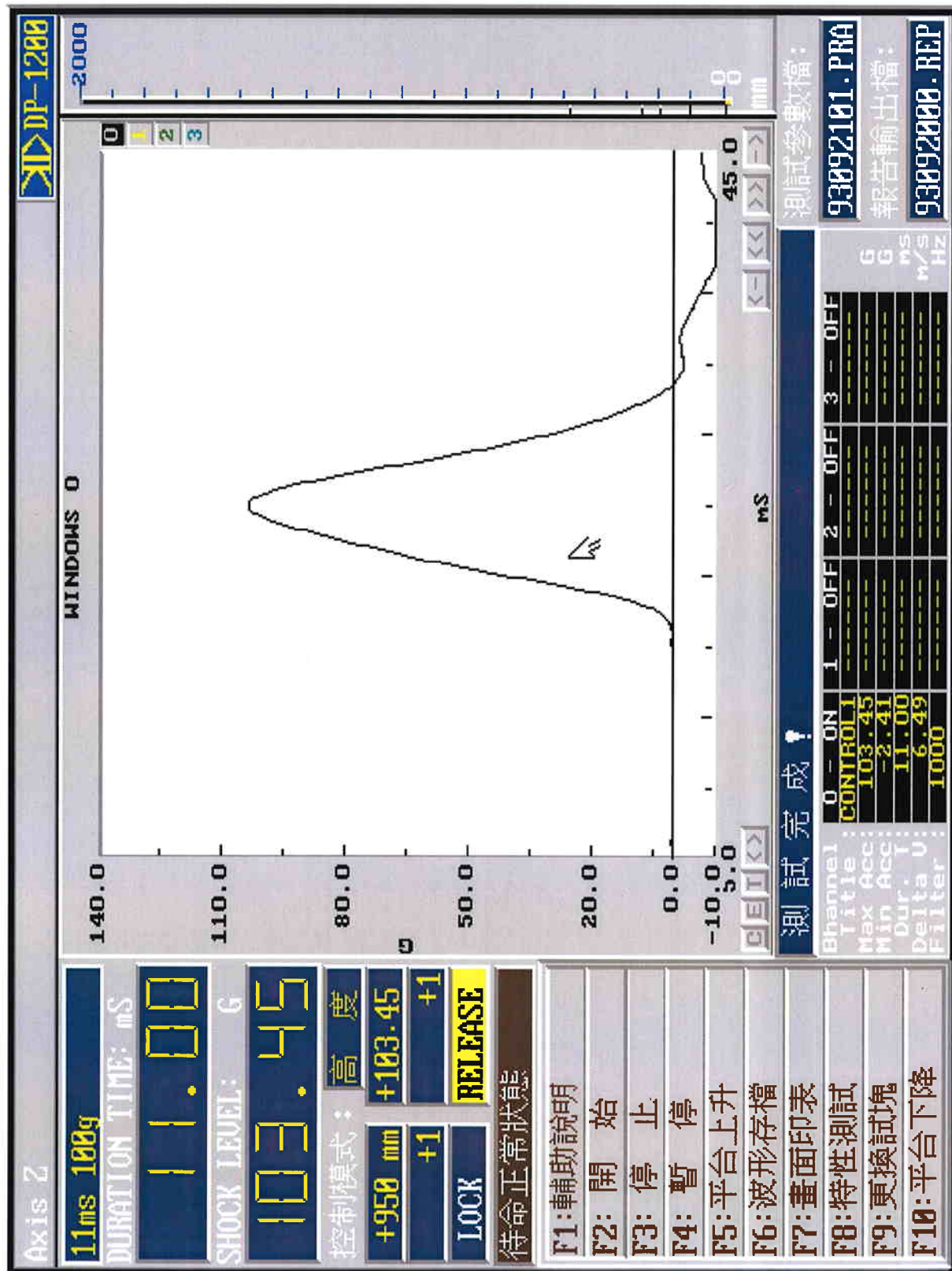


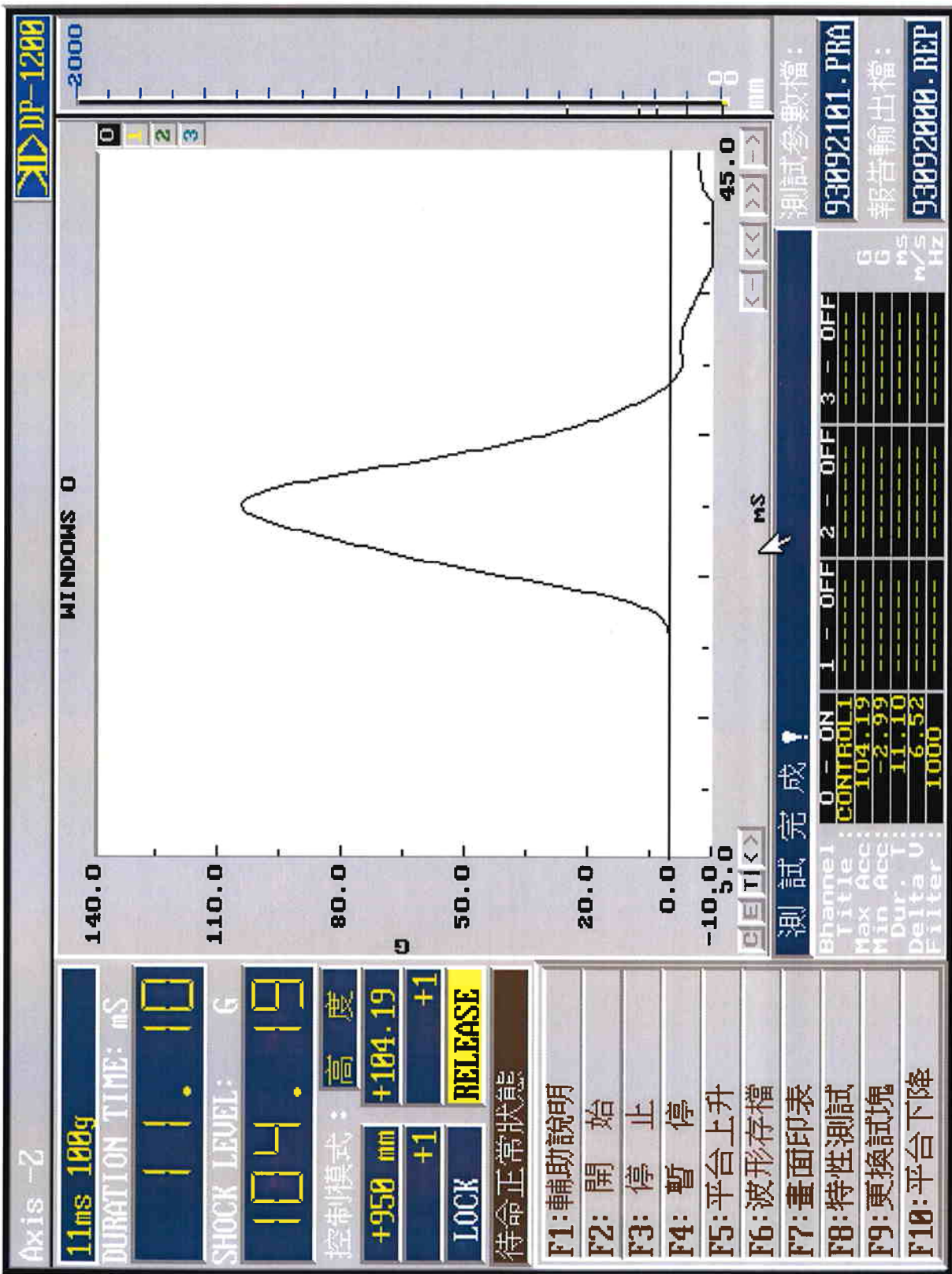












TESTING / INSPECTION REPORT

DATE : September 29, 2004
REPORT NO : ST-040929-1

COMPANY : AAEON Technology Inc.
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 : AEC-6840 with HDD

TEST / INSPECTION ITEMS : Shock Test (See Page 2)



REMARKS :

- The results only apply to the device under test.
- This report is 9 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer :

Approved by :

Ben Huang
David Lee

Laboratory Head :

Dennis Ting

TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

- | | |
|--------------------------|--|
| 1. Shock Tester | : KING DESIGN (KD-9363-600F2K-50N120,
S/N: KDS11054986) |
| 2. Controller | : DACTRON (FRONT-End Box, S/N: 4529465) |
| 3. Control Accelerometer | : Wilcoxon Research (WR-777 , S/N:3425) |

TEST ENVIRONMENT :

- | | |
|-------------|-------------|
| Temperature | : 24±2°C |
| Humidity | : 70±20% RH |

SPECIMEN :

- | | |
|----------|---------------------|
| Model | : AEC-6840 with HDD |
| Quantity | : 1 piece |

SHOCK TEST SPECIFICATION :

- | | |
|-----------------|---------------------|
| Wave Form | : Half sine wave |
| Acceleration | : 15 g |
| Duration Time | : 11 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : ±X, ±Y, ±Z axis |

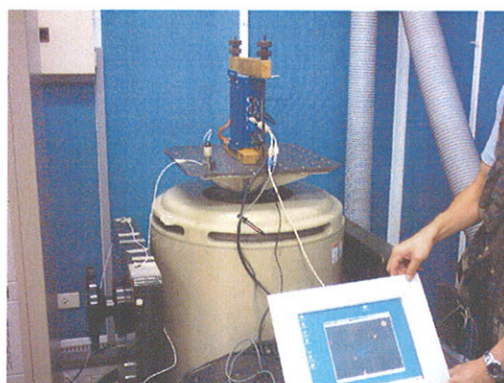
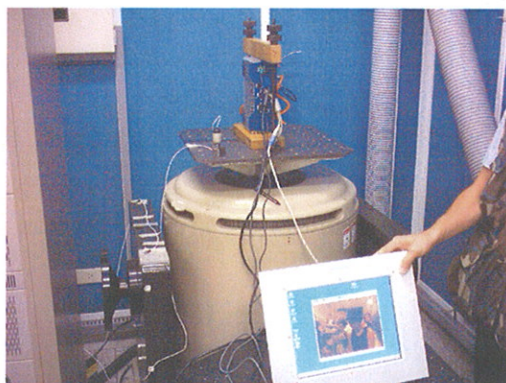
TEST RESULT :

The pass or failed judgment by AAEON engineers.

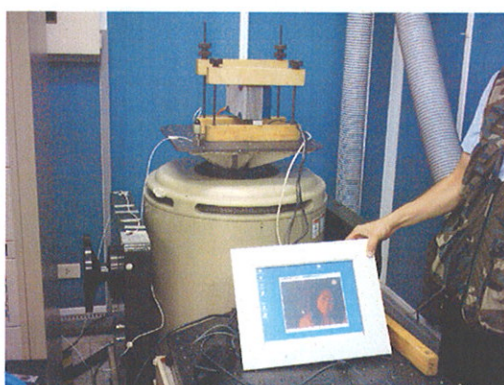
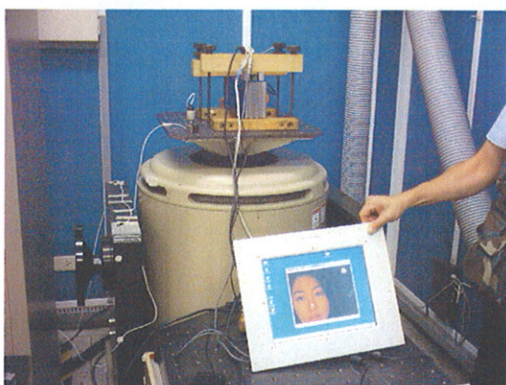
TESTING / INSPECTION REPORT

Testing photos

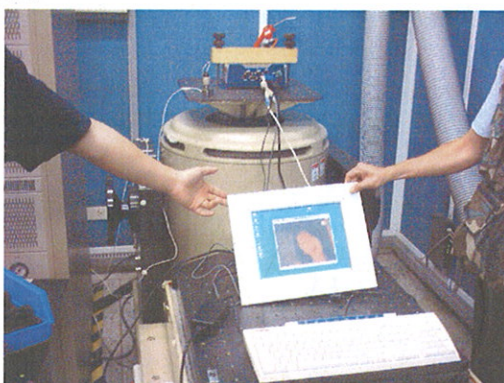
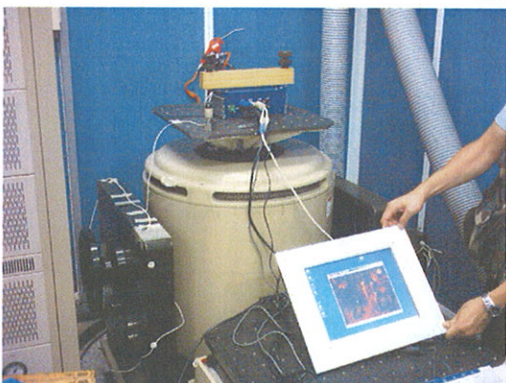
AXIS $\pm X$



AXIS $\pm Y$



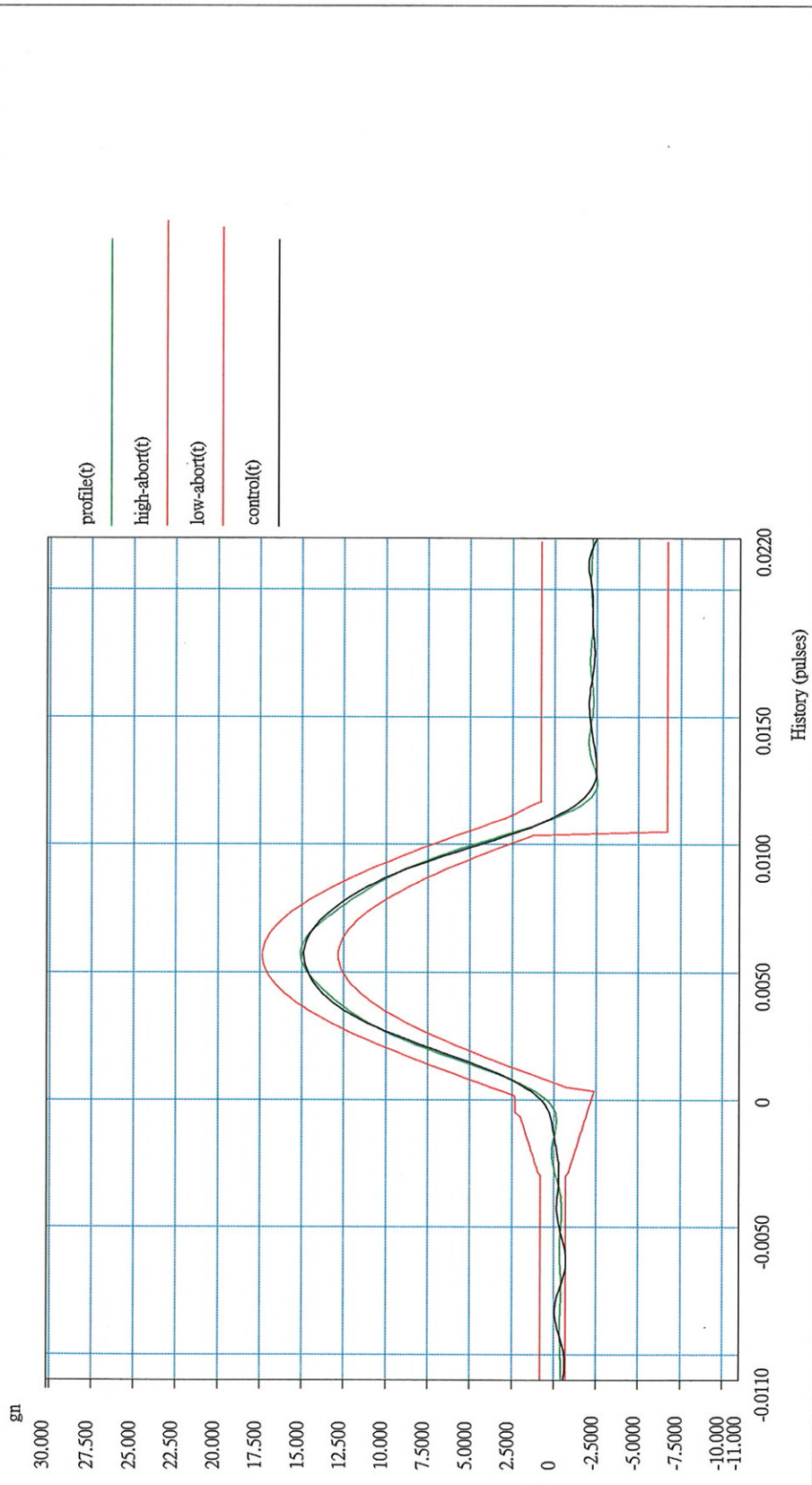
AXIS $\pm Z$



Axis x

Project File Name: 研場 11ms 15g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Sep 24, 2004 10-50-59

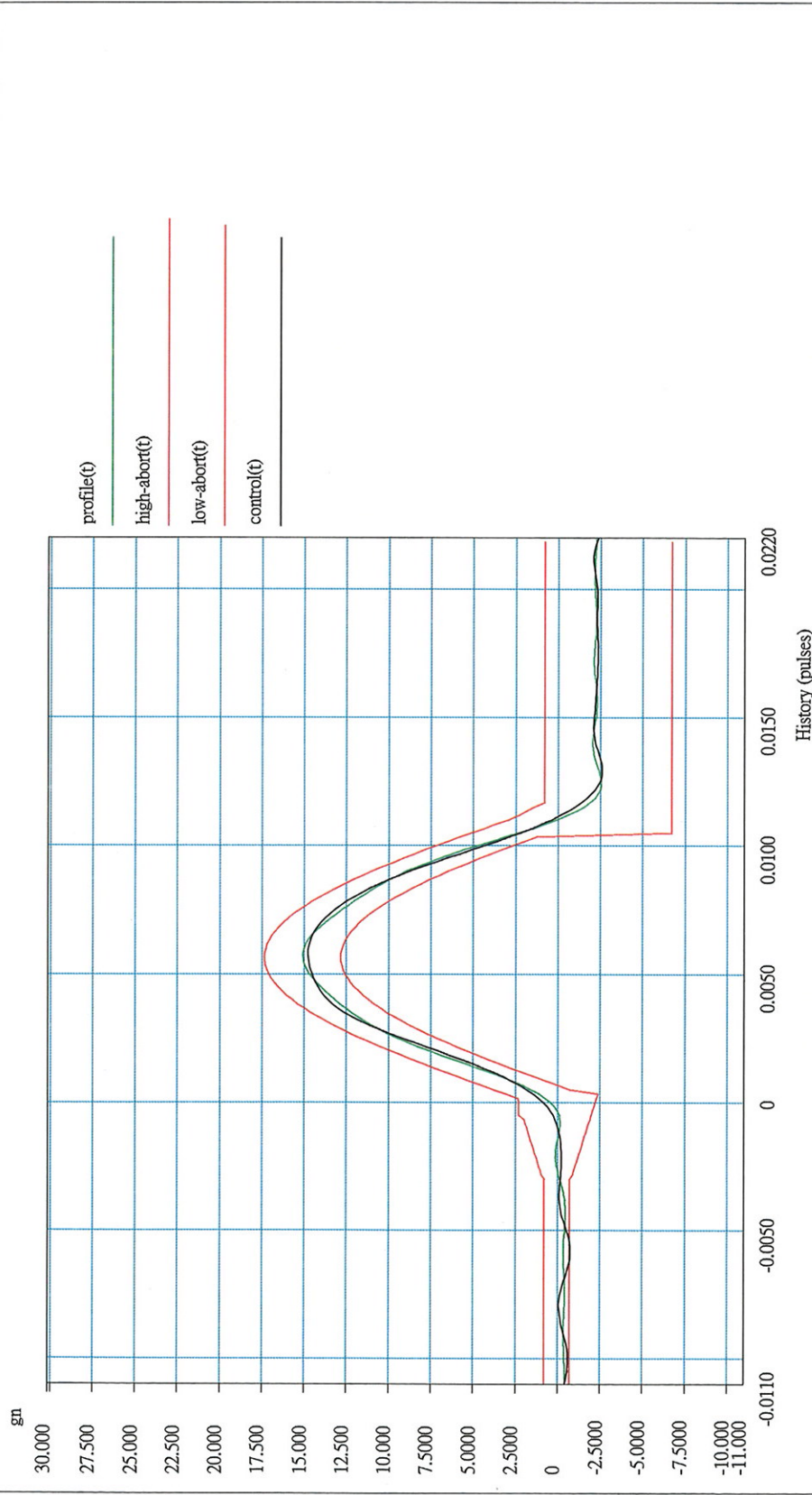


Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 14.807901 gn Control RMS: 1.495061 gn Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.480628 gn Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms
Data saved at 10:51:16 AM, Friday, September 24, 2004 Report created at 10:51:17 AM, Friday, September 24, 2004

Axis -x

Project File Name: 研揚 11ms 15g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 24, 2004 10-52-17



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 14.692103 gn Control RMS: 1.494187 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.480628 gn Remaining Pulses: 0

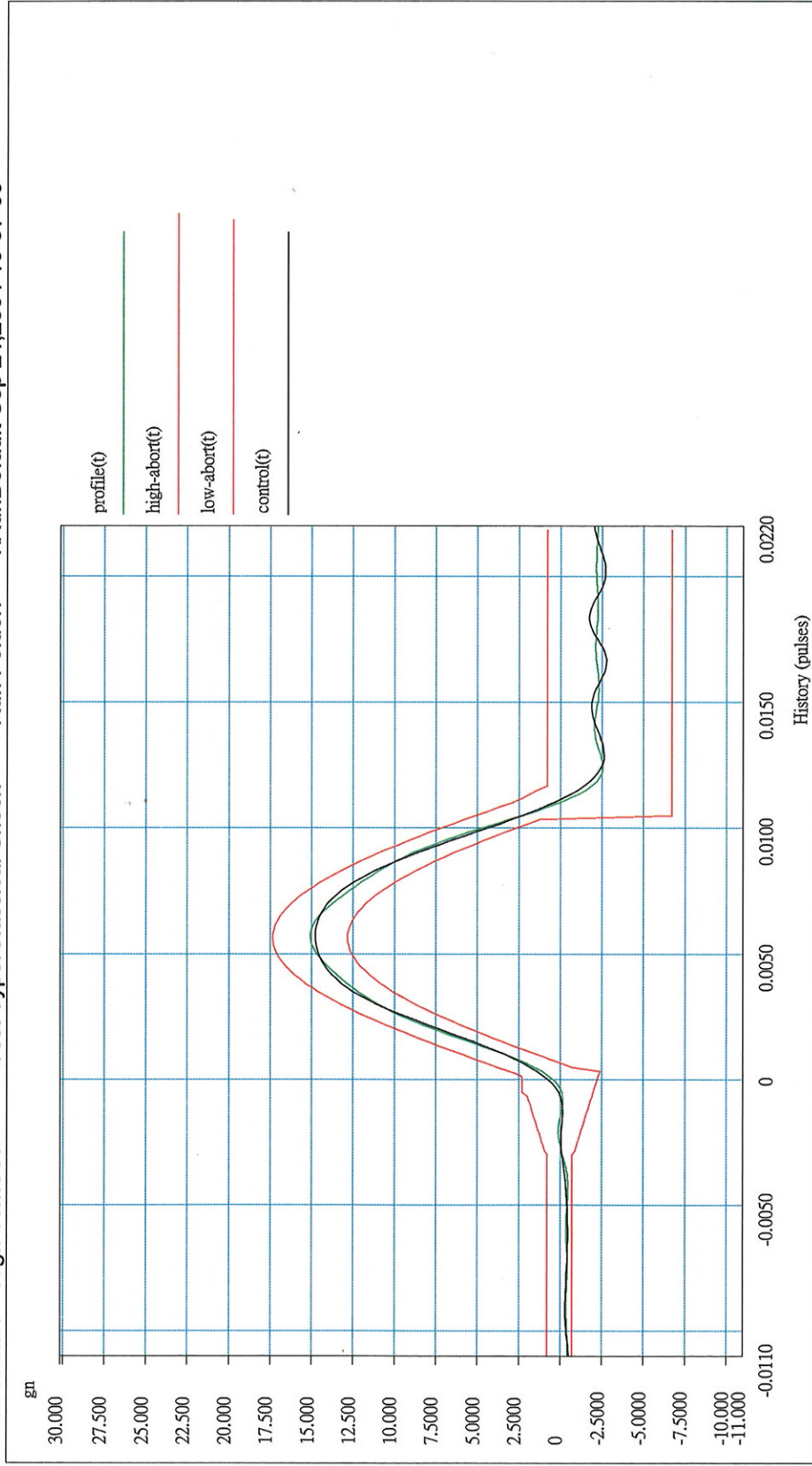
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 10:52:36 AM, Friday, September 24, 2004 Report created at 10:52:37 AM, Friday, September 24, 2004

Axis y

Project File Name: 研揚 11ms 15g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 24, 2004 10:57-36



Level: 100 % Block Size: 4096 Elapsed Pulses: 9

Frame Time: 0.682667 Seconds Control Peak: 14.697033 gn Control RMS: 1.494097 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.480628 gn Remaining Pulses: 0

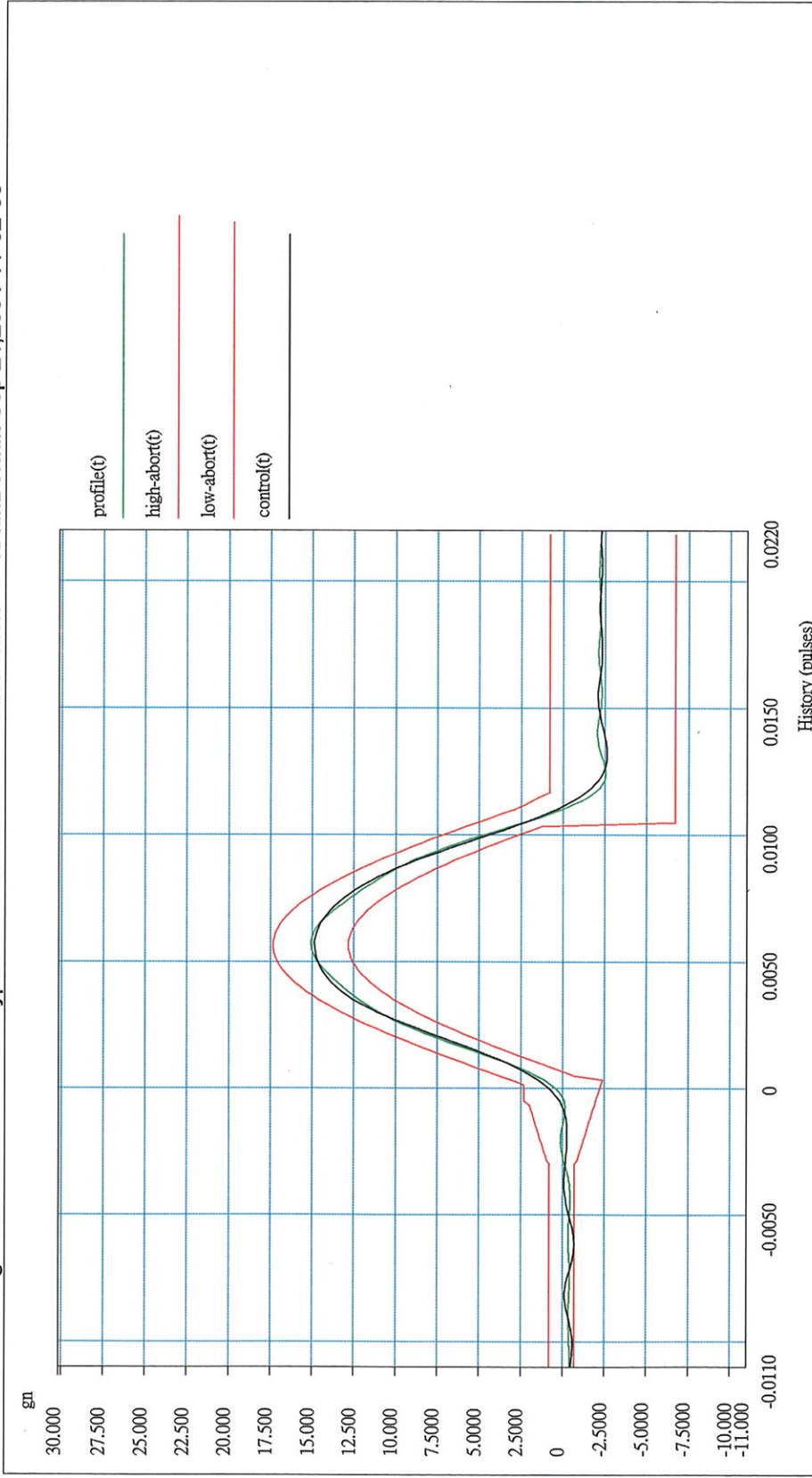
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 10:57:52 AM, Friday, September 24, 2004 Report created at 10:57:53 AM, Friday, September 24, 2004

Axis -y

Project File Name: 研揚 11ms 15g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 24, 2004 11-02-38



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 14.779798 gn Control RMS: 1.497184 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.480628 gn Remaining Pulses: 0

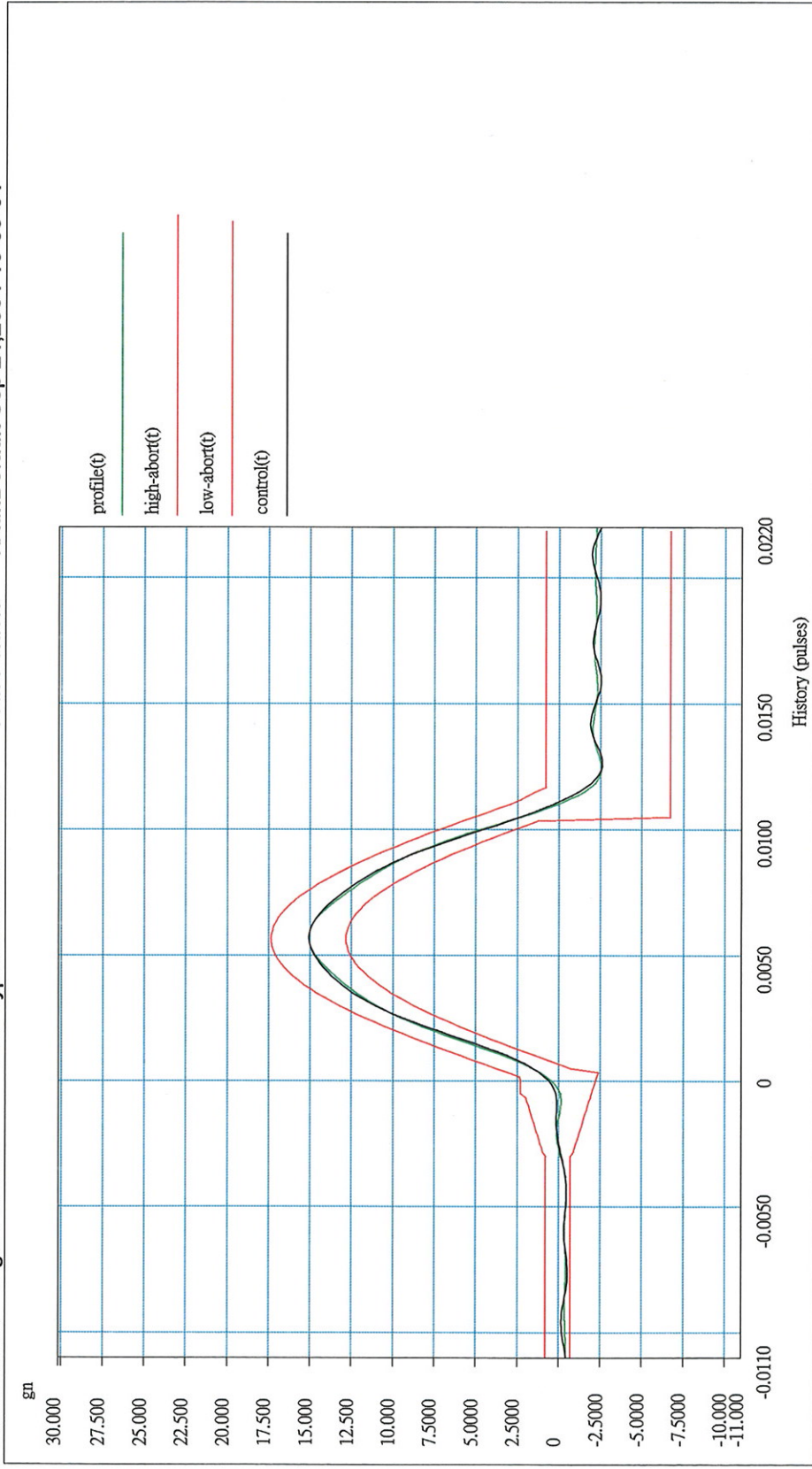
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 11:03:16 AM, Friday, September 24, 2004 Report created at 11:03:18 AM, Friday, September 24, 2004

Axis Z

Project File Name: 研場 11ms 15g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 24, 2004 10-35-34



Level: 100 % Block Size: 4096 Elapsed Pulses: 9

Frame Time: 0.682667 Seconds Control Peak: 14.974472 gn Control RMS: 1.497337 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.480628 gn Remaining Pulses: 0

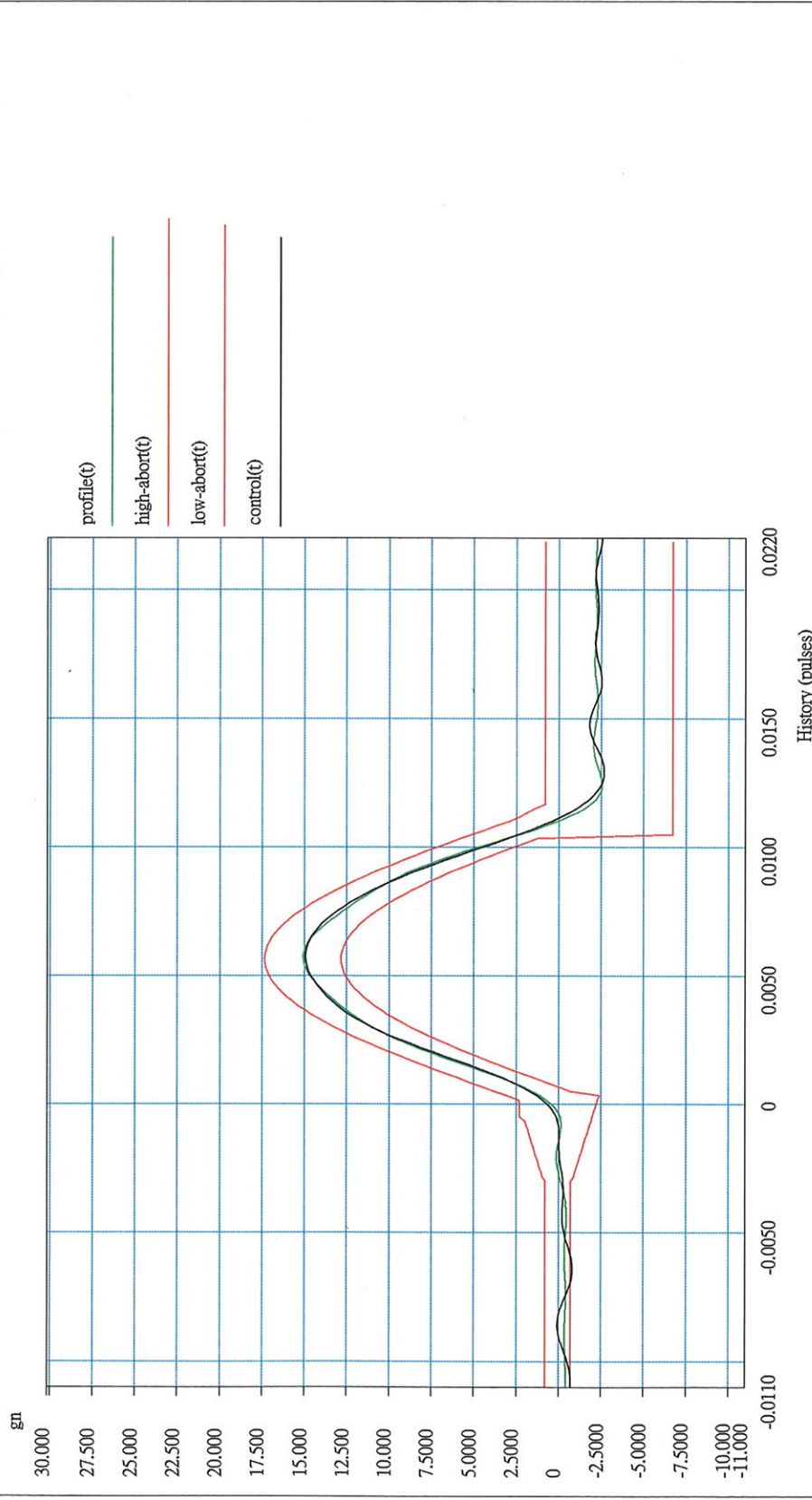
Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 10:35:52 AM, Friday, September 24, 2004 Report created at 10:36:09 AM, Friday, September 24, 2004

Axis -Z

Project File Name: 研揚 11ms 15g (Operation).prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Sep 24, 2004 10:39:06



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 14.861021 gn Control RMS: 1.493800 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.480628 gn Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Data saved at 10:39:47 AM, Friday, September 24, 2004 Report created at 10:39:49 AM, Friday, September 24, 2004