

## TESTING / INSPECTION REPORT

REPORT NO : ST-070726-2

COMPANY : AAEON Technology Inc.  
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TEL : 886-2-8919-1234  
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SPECIMEN : AEC-6845  
DATE OF RECEIVED : 07/19/07  
DATE OF TESTED : 07/19/07

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 20 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

*Angus Wu*

Approval Signatory :

*David Lee*

Laboratory Head :

*Jason Shih*





## TESTING / INSPECTION REPORT

### TEST ENVIRONMENT :

- |                         |   |
|-------------------------|---|
| 1.Shock Testing System  | : KING DESIGN DP-1200-60, S/N:KDS11054983               |
| 2.Controller            | : KING DESIGN KD-1200-03C, S/N: KD674                   |
| 3.Accelerometer         | : B&K 4398, S/N: 2209044                                |
| 4.Shock Tester          | : KING DESIGN KD-9363EM-1000F2K-50N120,<br>S/N : LAB001 |
| 5.Controller            | : KING DESIGN DP550 Ver.3.0.3 , S/N:DP3550              |
| 6.Control Accelerometer | : Wilcoxon Research WR-777, S/N:4207                    |

### TEST ENVIRONMENT :

- |                   |                     |
|-------------------|---------------------|
| Temperature       | : 26°C (25±10°C)    |
| Relative Humidity | : 66%RH (60±20% RH) |

### SPECIMEN :

- |          |            |
|----------|------------|
| Model    | : AEC-6845 |
| Quantity | : 2 pieces |

### TEST SPECIFICATION :

- |                 |                        |
|-----------------|------------------------|
| (1) Wave Form   | : Half sine wave (HDD) |
| Acceleration    | : 15 g                 |
| Duration Time   | : 11 ms                |
| No. of Shock    | : Each axis 3 times    |
| Shock Direction | : ±X, ±Y, ±Z axis      |
| (2) Wave Form   | : Half sine wave (CF)  |
| Acceleration    | : 100 g                |
| Duration Time   | : 11 ms                |
| No. of Shock    | : Each axis 3 times    |
| Shock Direction | : ±X, ±Y, ±Z axis      |



## TESTING / INSPECTION REPORT

TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---



## TESTING / INSPECTION REPORT

### Testing photos

15 g 11 ms

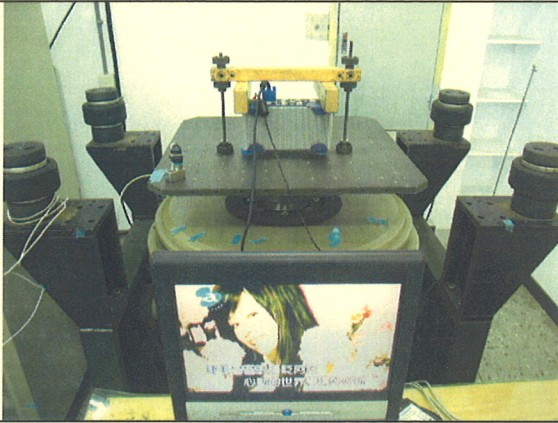




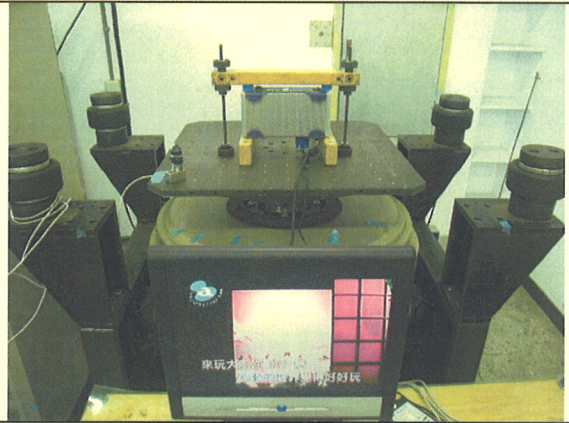
**TESTING / INSPECTION REPORT**

**Testing photos (15 g 11 ms)**

**AXIS X**



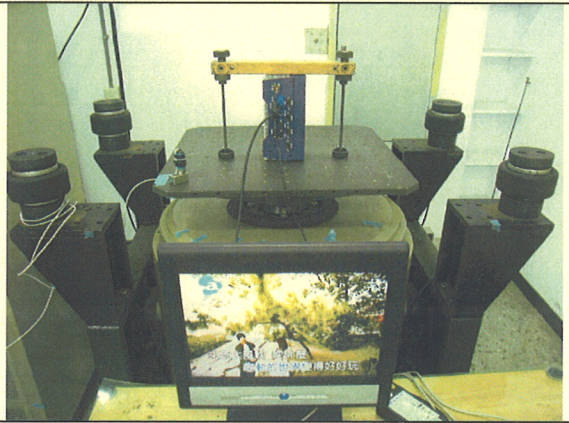
**AXIS -X**



**AXIS Y**



**AXIS -Y**



**AXIS Z**



**AXIS -Z**

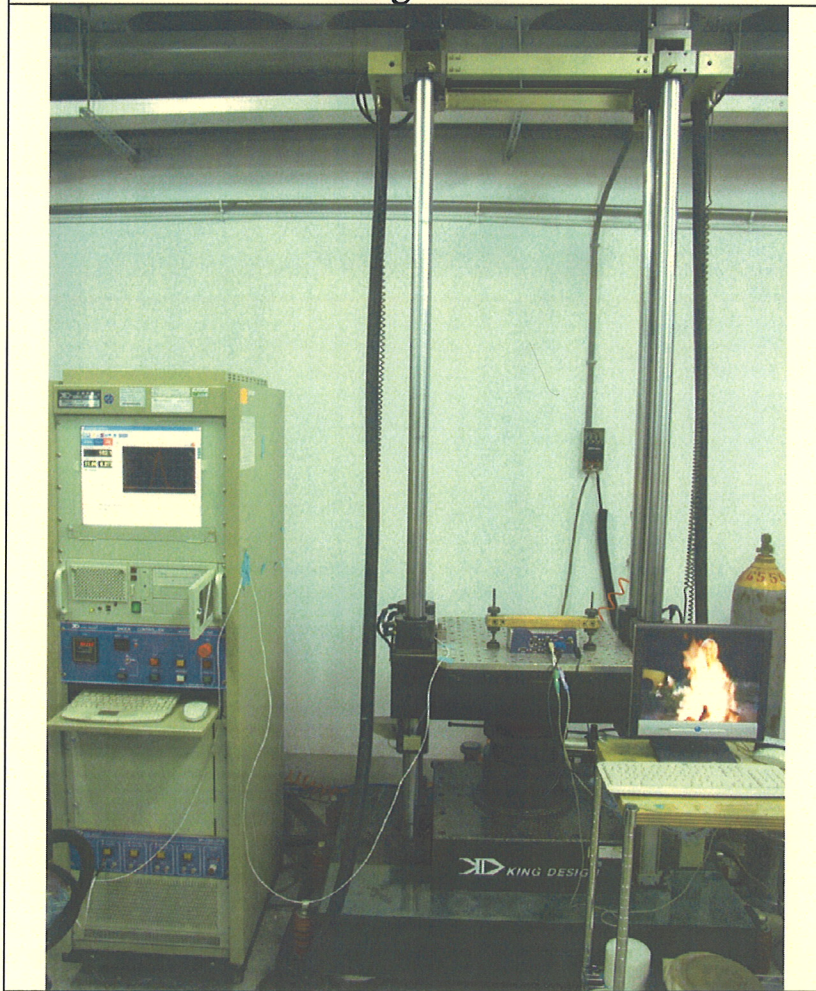




## TESTING / INSPECTION REPORT

### Testing photos

100 g 11 ms

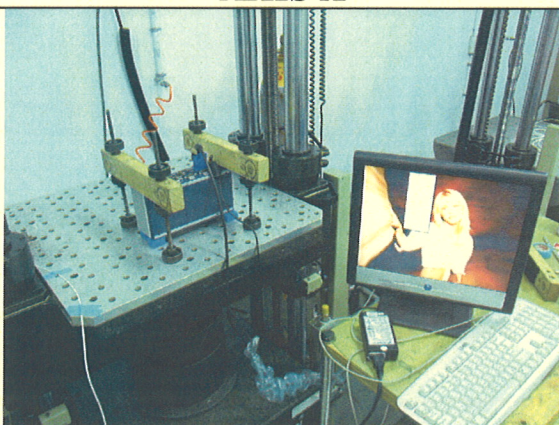




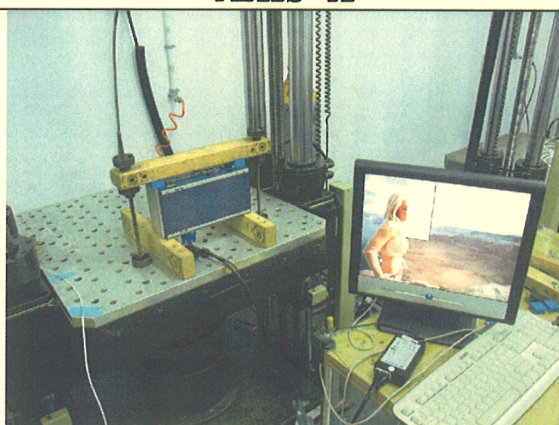
**TESTING / INSPECTION REPORT**

**Testing photos (100 g 11 ms)**

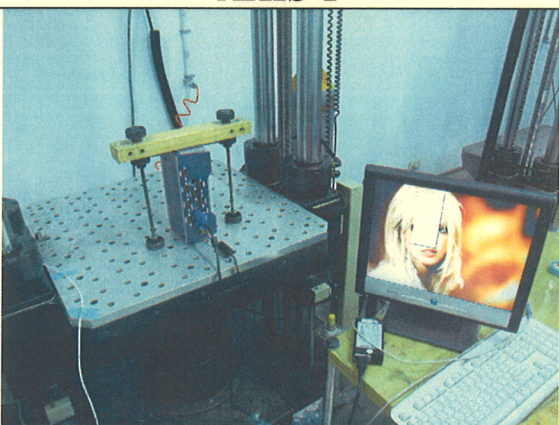
**AXIS X**



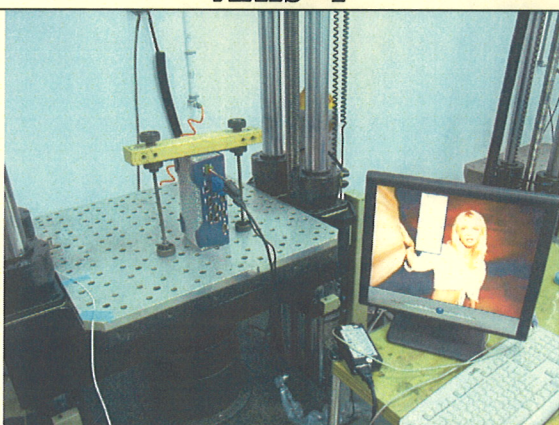
**AXIS -X**



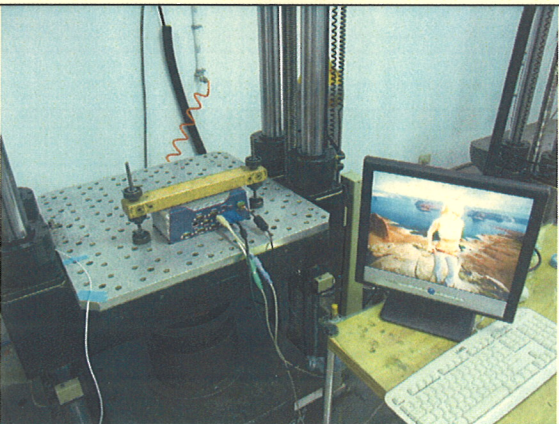
**AXIS Y**



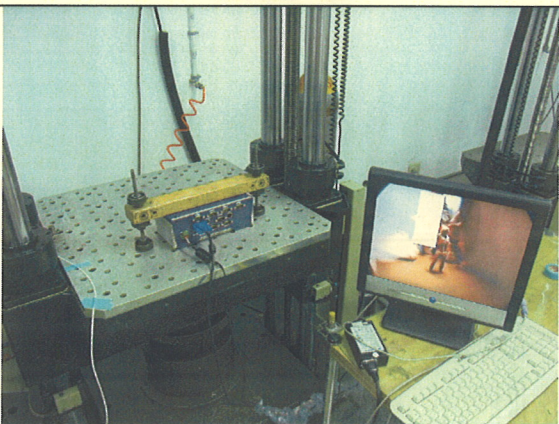
**AXIS -Y**



**AXIS Z**



**AXIS -Z**





## TESTING / INSPECTION REPORT

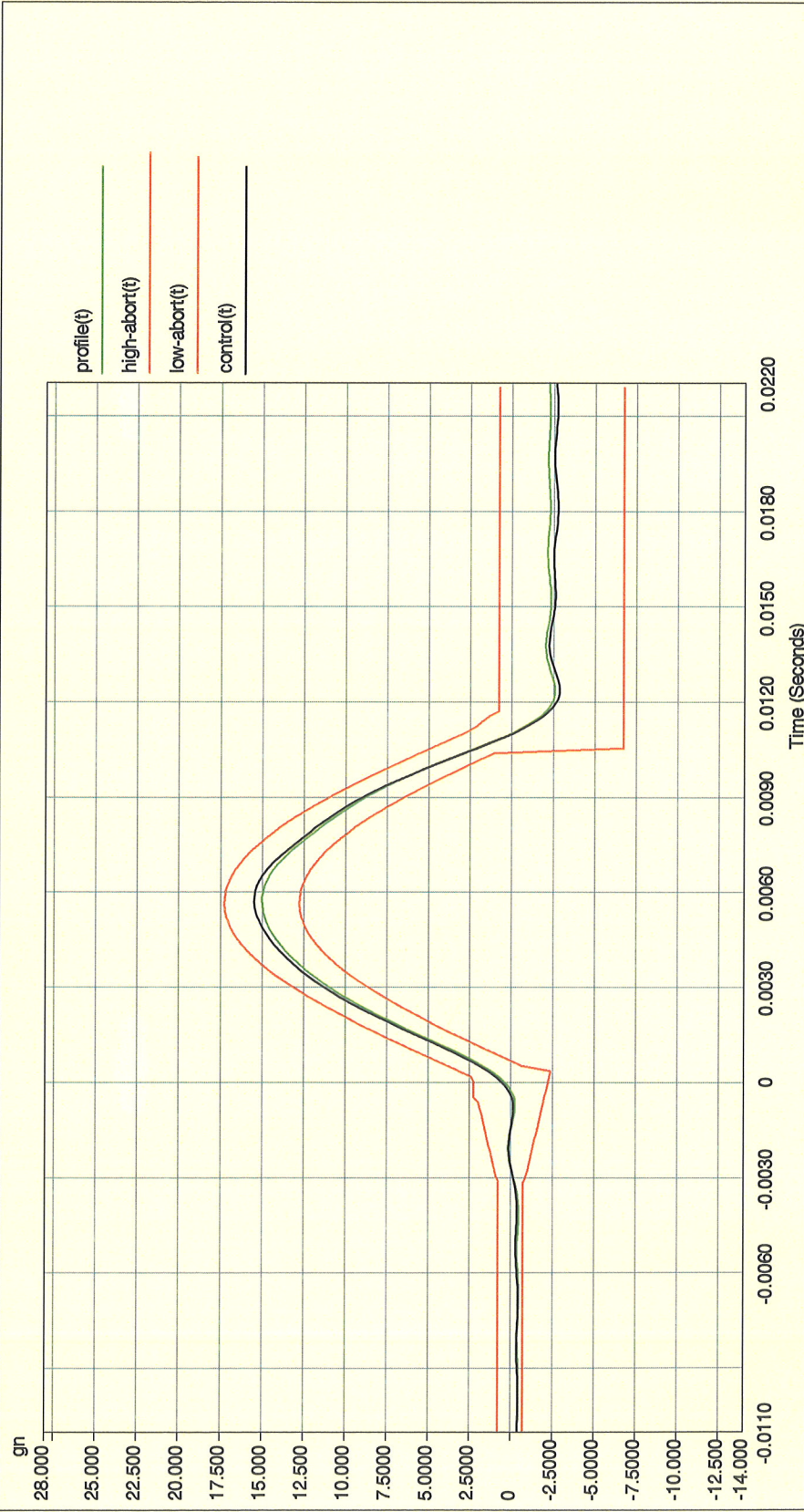




Axis X

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19, 2007 15-07-46



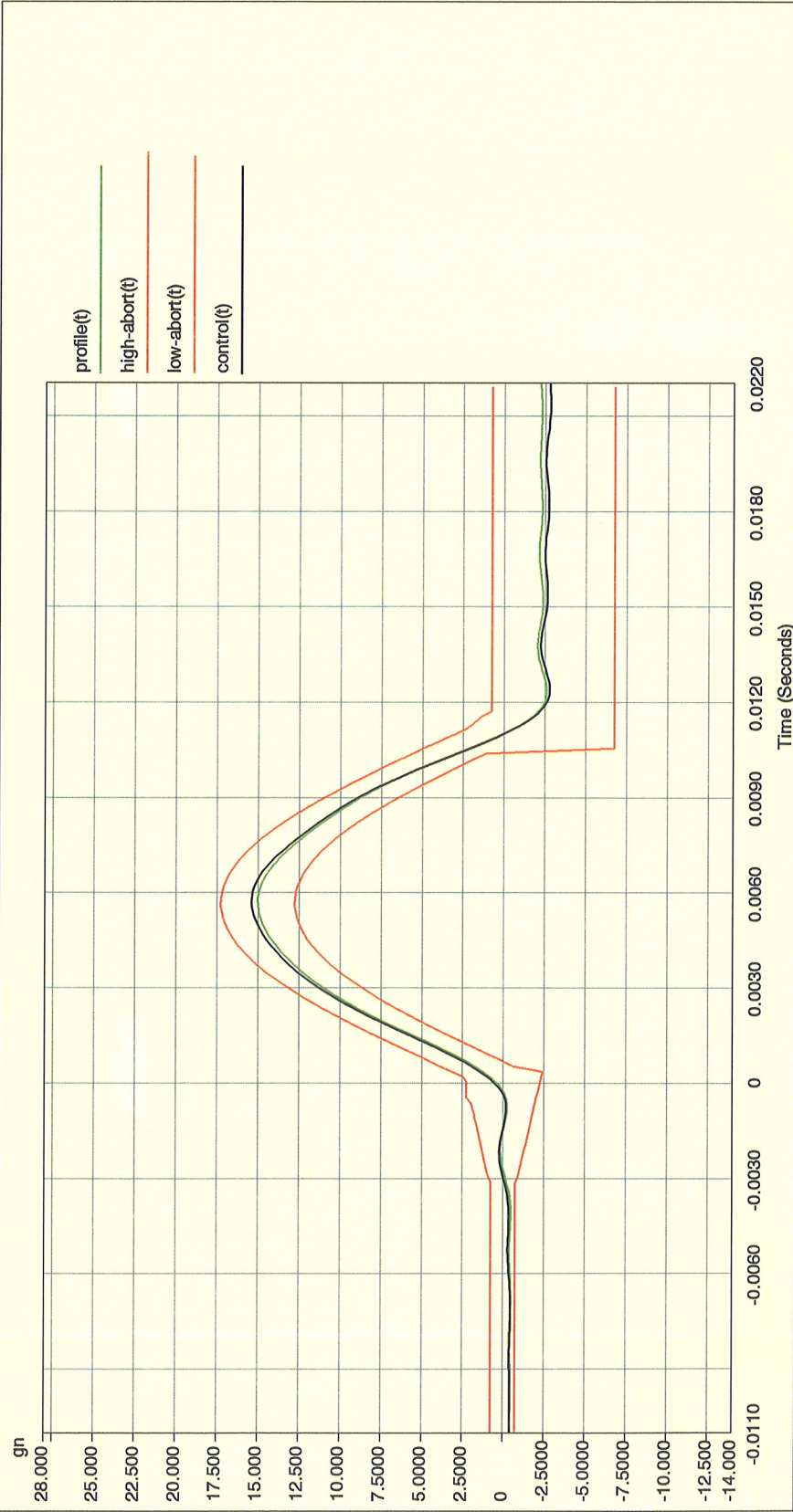
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.341333 Seconds Control Peak: 15.480778 gn Control RMS: 2.109584 gn Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.028191 gn Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
 Data saved at 03:08:07 PM, Thursday, July 19, 2007 Report created at 03:08:07 PM, Thursday, July 19, 2007



Axis -X

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19, 2007 15-09-19



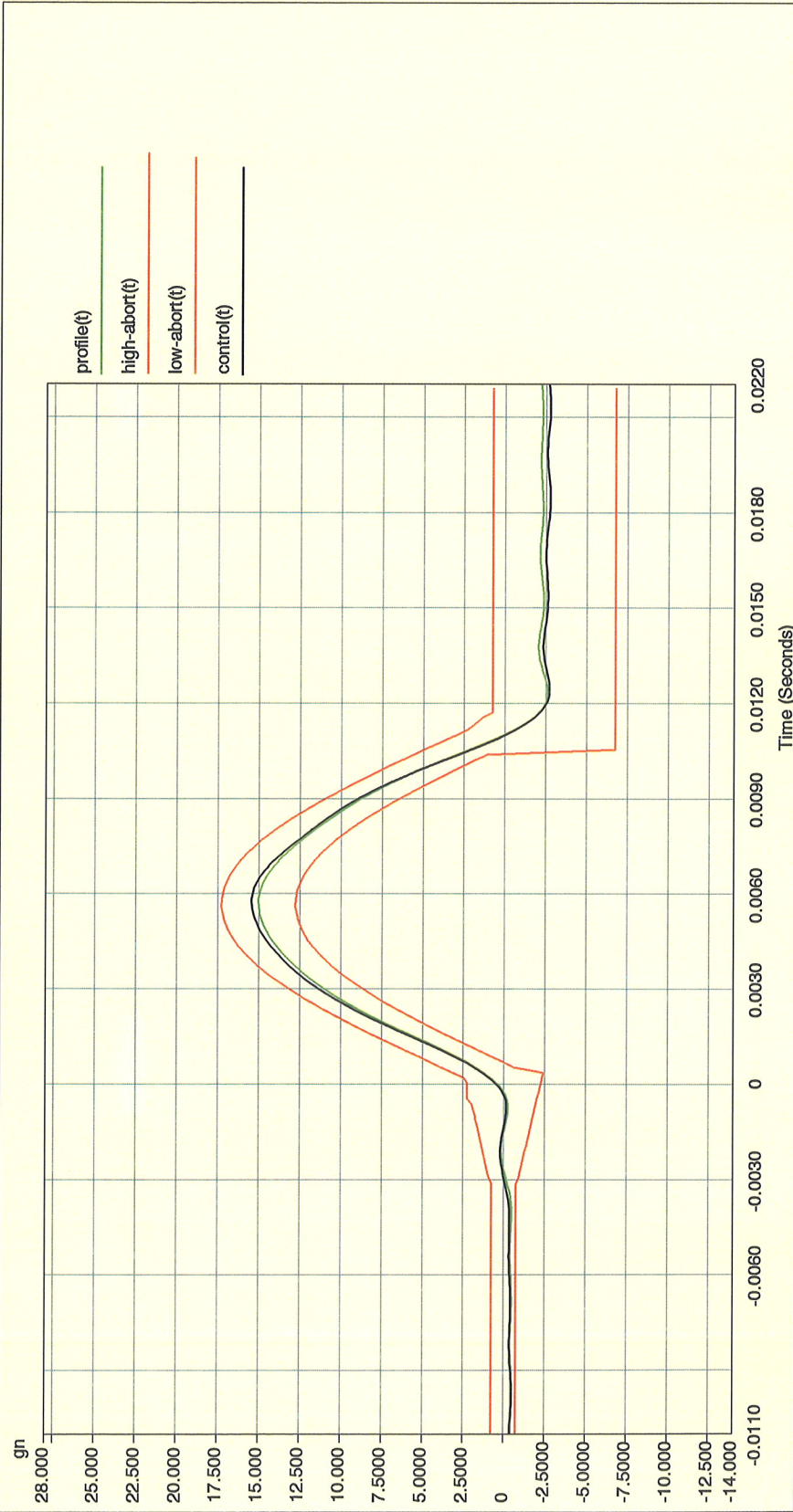
Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3  
 Frame Time: 0.341333 Seconds Control Peak: 15.380370 gn Control RMS: 2.102609 gn  
 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.028191 gn Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
 Data saved at 03:09:40 PM, Thursday, July 19, 2007 Report created at 03:09:40 PM, Thursday, July 19, 2007



Axis Y

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19, 2007 15-01-34



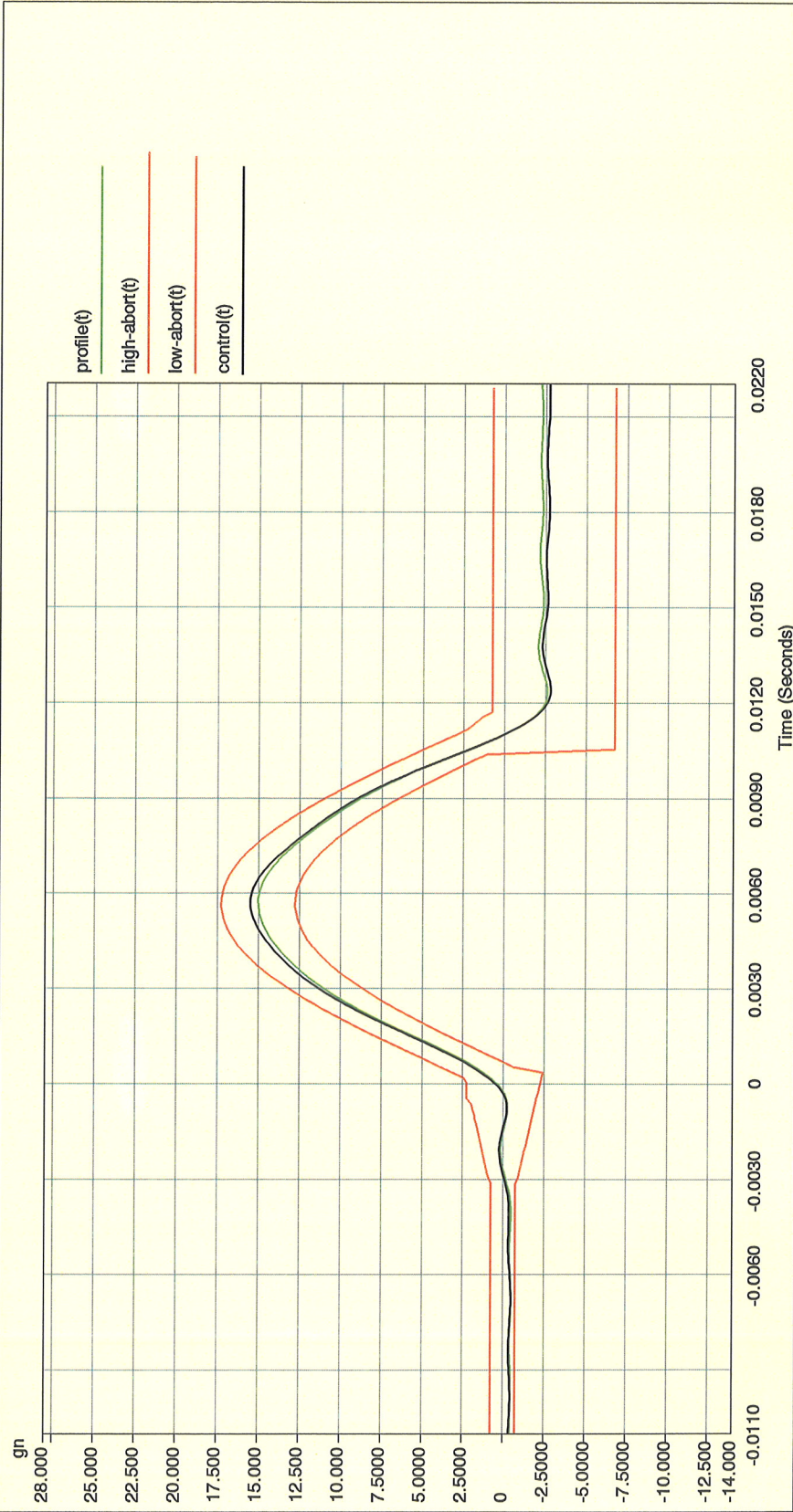
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.341333 Seconds Control Peak: 15.440091 gn Control RMS: 2.106520 gn Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.028191 gn Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
 Data saved at 03:02:04 PM, Thursday, July 19, 2007 Report created at 03:02:04 PM, Thursday, July 19, 2007



Axis -Y

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19, 2007 15-03-43



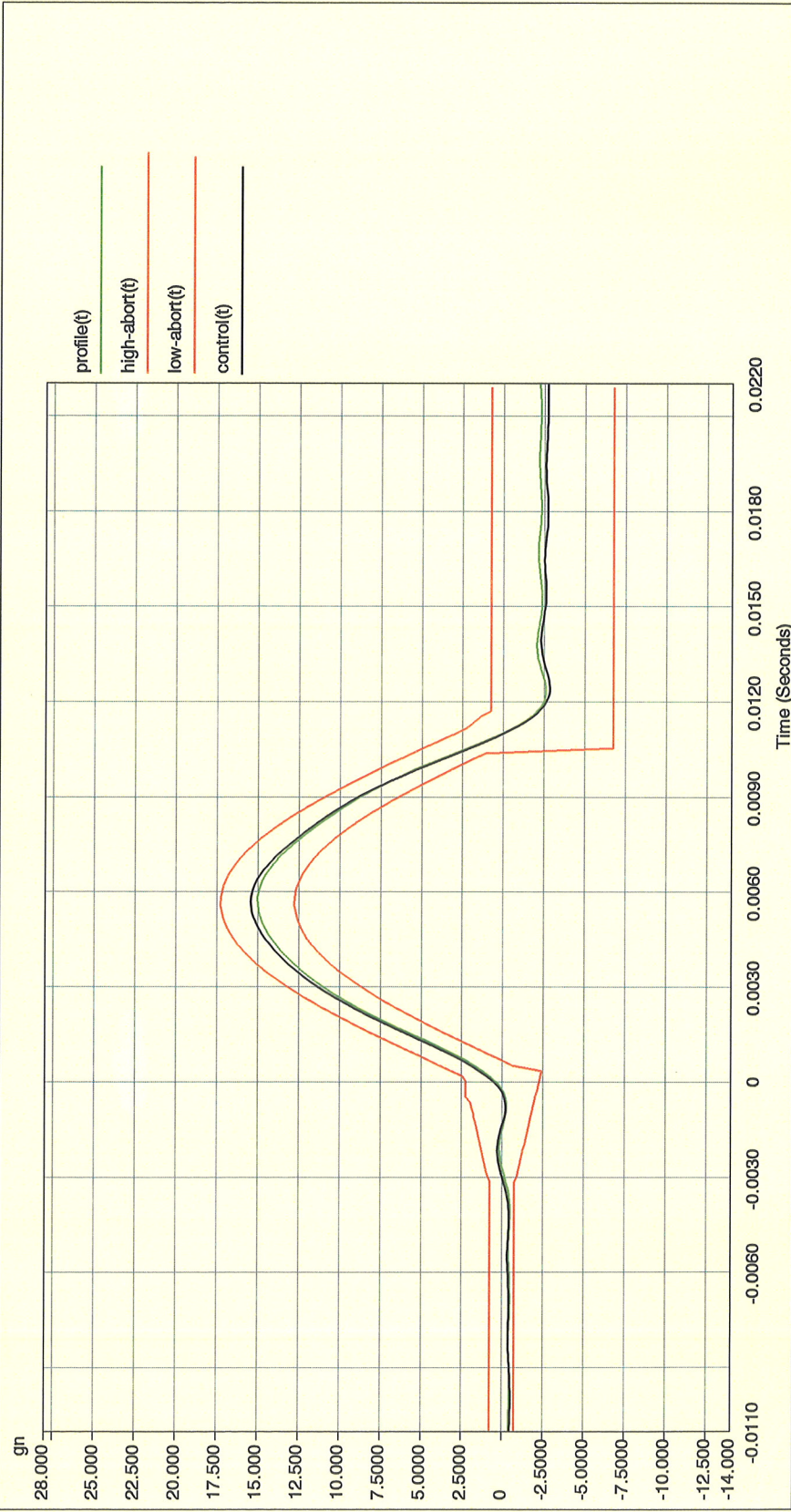
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.341333 Seconds Control Peak: 15.480741 gn Control RMS: 2.107390 gn Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.028191 gn Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
 Data saved at 03:04:07 PM, Thursday, July 19, 2007 Report created at 03:04:07 PM, Thursday, July 19, 2007



Axis Z

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19, 2007 14-56-13



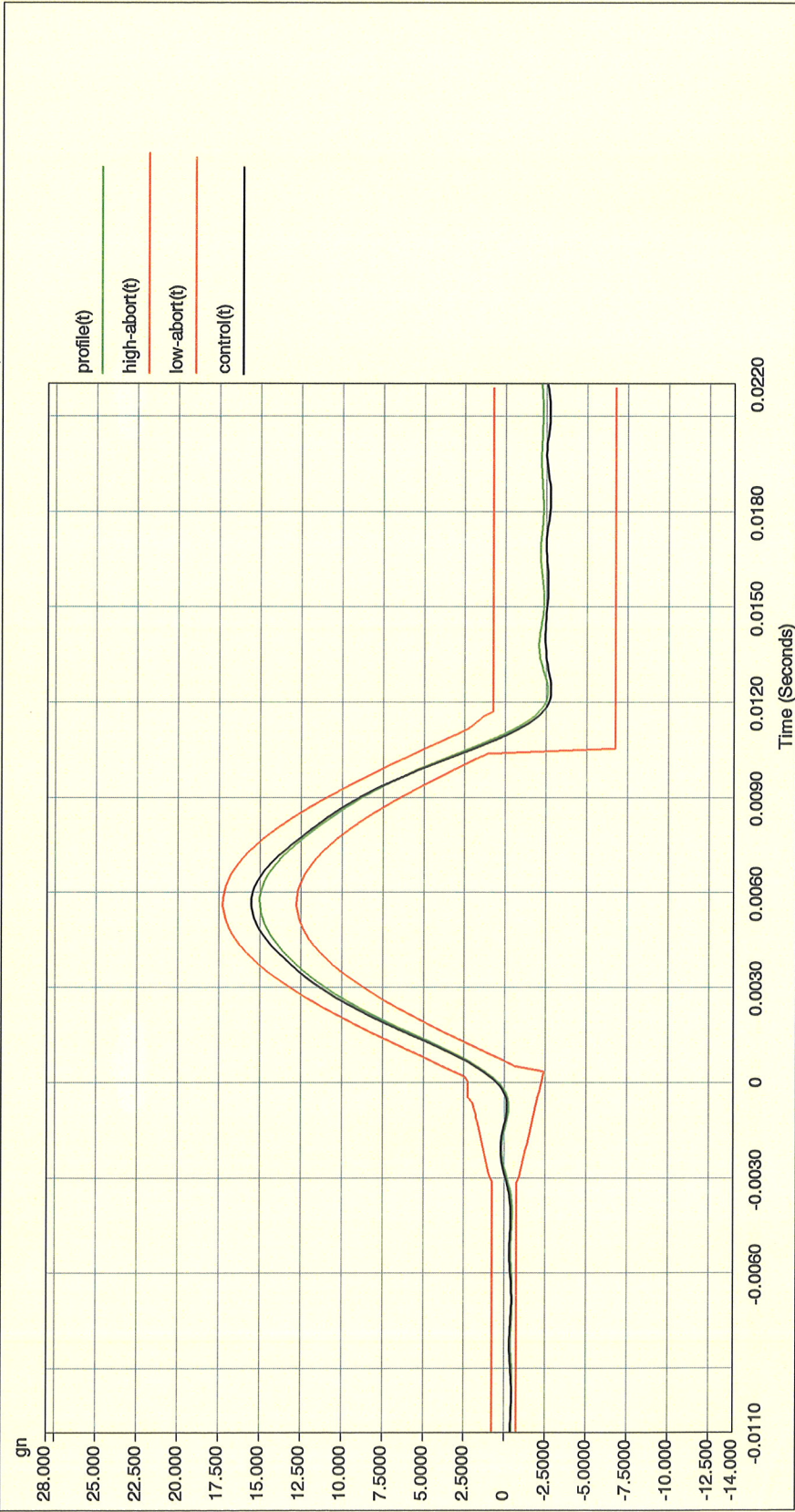
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.341333 Seconds Control Peak: 15.432778 gn Control RMS: 2.105342 gn Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.028191 gn Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms  
 Data saved at 02:57:52 PM, Thursday, July 19, 2007 Report created at 02:57:53 PM, Thursday, July 19, 2007



Axis -Z

Project File Name: 研揚 15g 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19, 2007 15-00-14



Level: 100 % Block Size: 2048 Elapsed Pulses: 11

Frame Time: 0.341333 Seconds Control Peak: 15.512180 gn Control RMS: 2.110356 gn Full Level Elapsed Pulses: 3

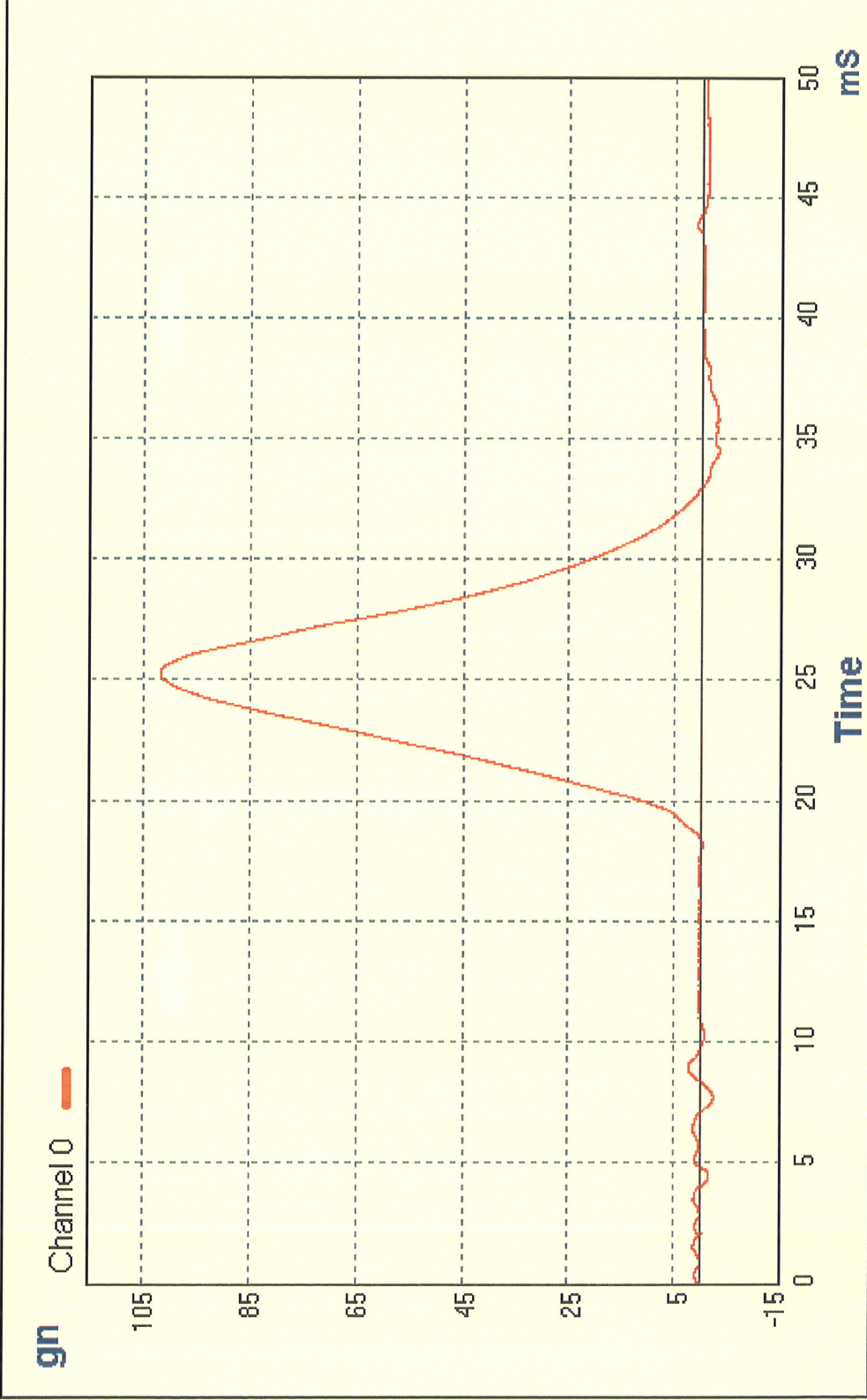
dT: 0.000167 Seconds Demand Peak: 14.999999 gn Demand RMS: 2.028191 gn Remaining Pulses: 0

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

Data saved at 03:00:35 PM, Thursday, July 19, 2007 Report created at 03:00:36 PM, Thursday, July 19, 2007



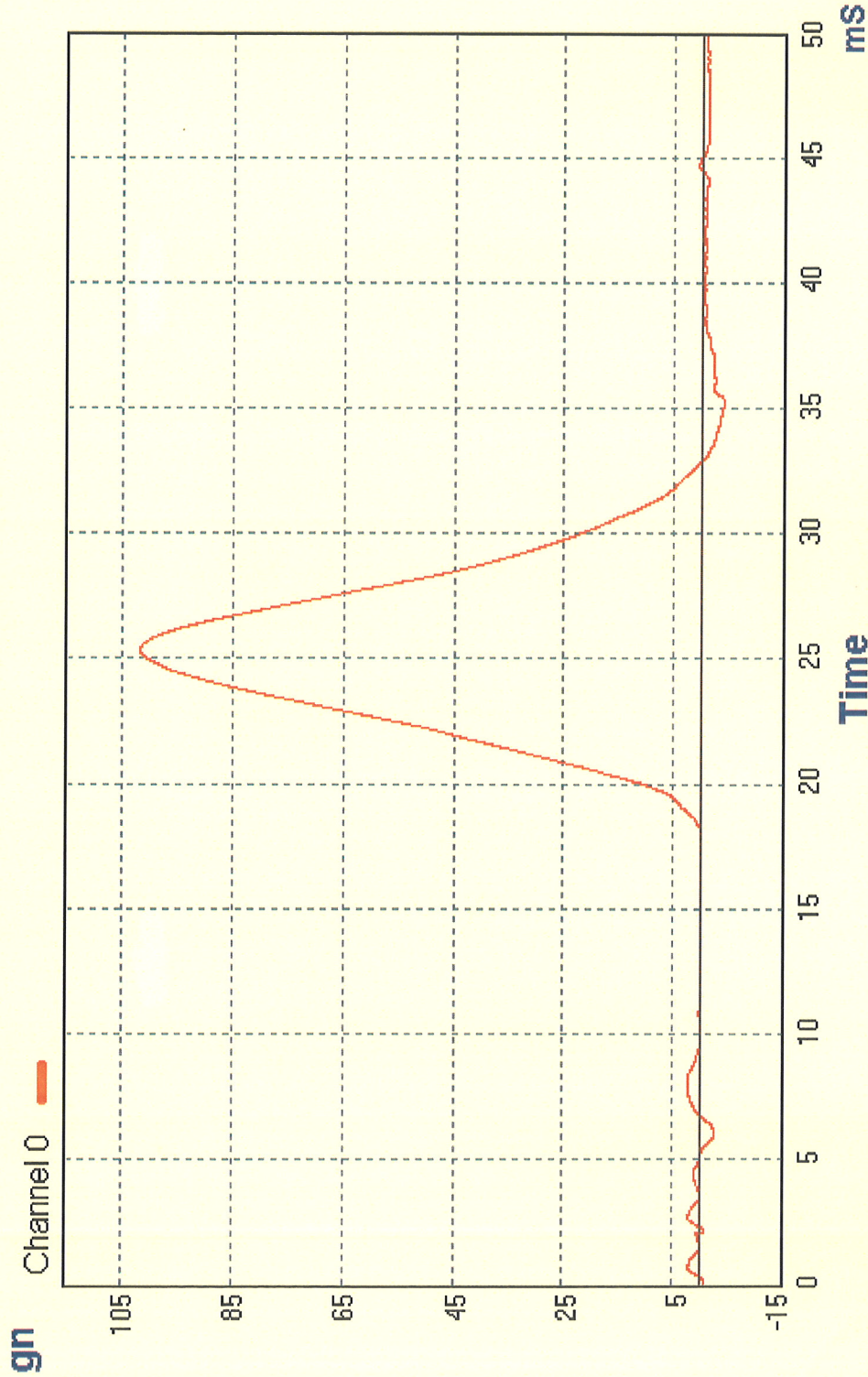
SHOCK TEST SPECIFICATION : 100 g 11 mS HEIGHT : 880 mm CYCLE OF TEST : 3/3  
 Testing at : 2007-7-19 下午 02-07-39 39 Data saved at : 2007-7-19 下午 02-07-40 40



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis X (Ch 0)	101.96	11.19	6.310	500



SHOCK TEST SPECIFICATION : 100 g 11 mS HEIGHT : 880 mm CYCLE OF TEST : 3/3  
 Testing at : 2007-7-19 下午 02-11-33 33 Data saved at : 2007-7-19 下午 02-11-34 34

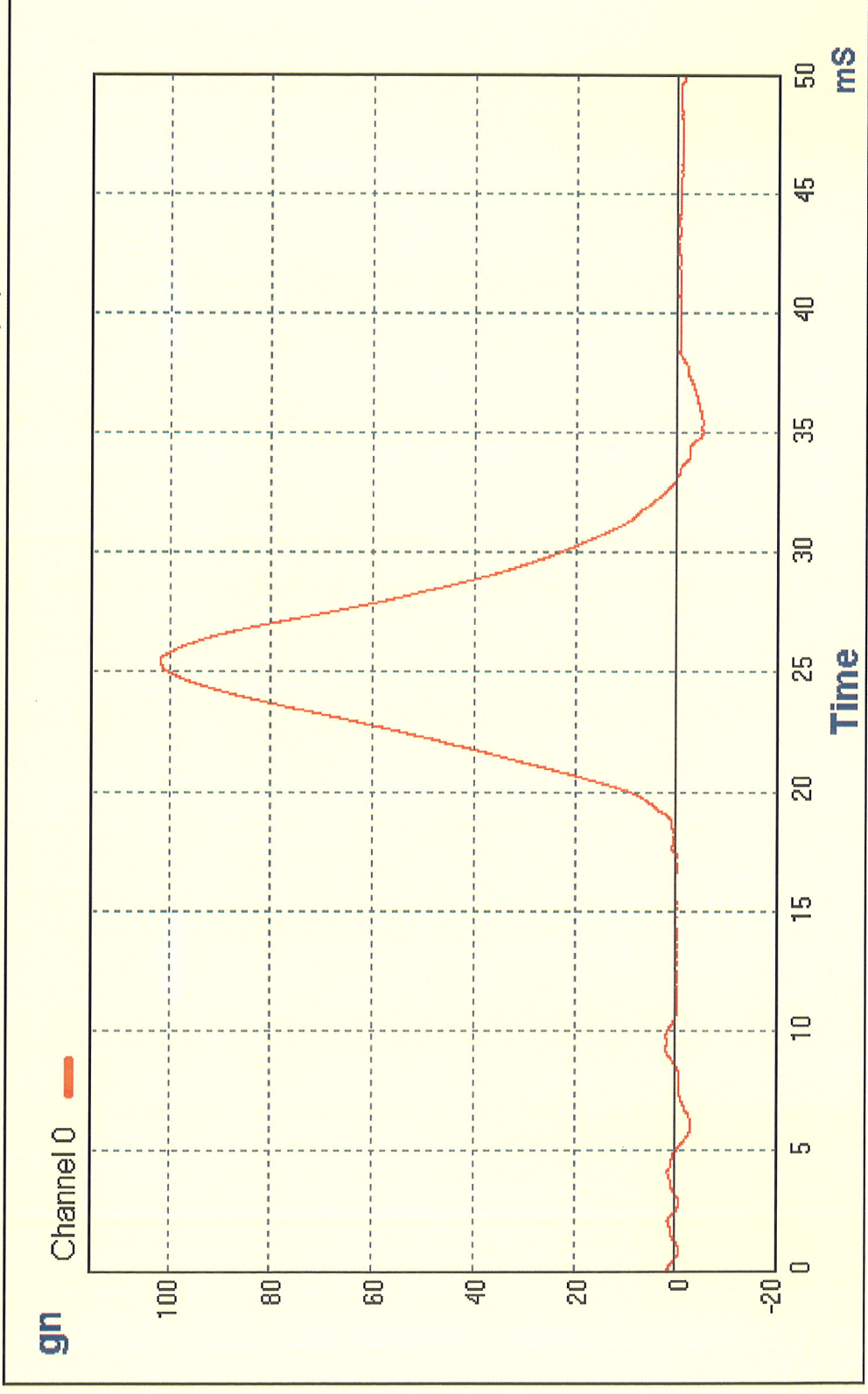


	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -X(Ch 0)	101.90	11.17	6.313	500





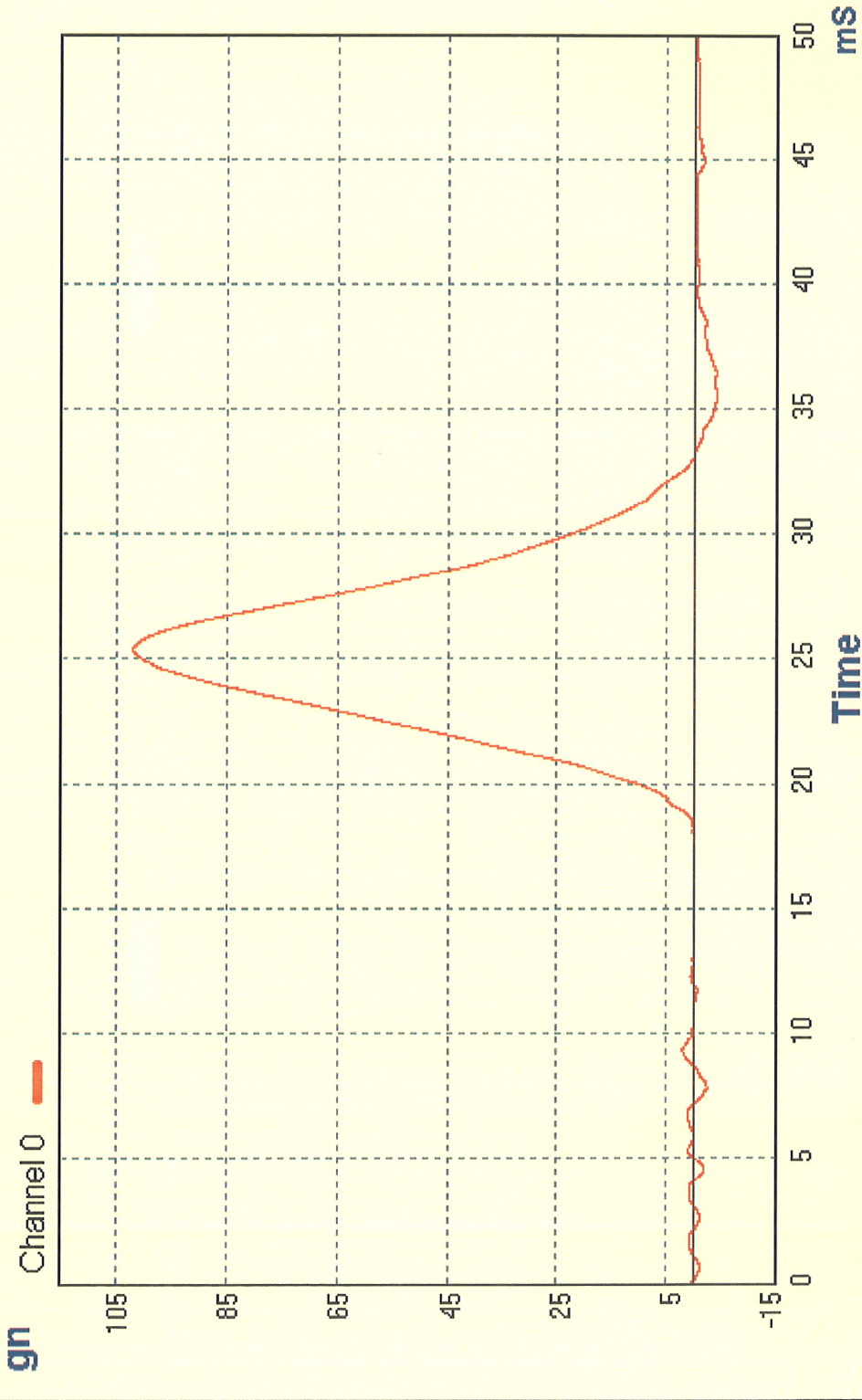
SHOCK TEST SPECIFICATION : 100 g 11 mS HEIGHT : 880 mm CYCLE OF TEST : 3/3  
 Testing at : 2007-7-19 下午 02-19-23 23 Data saved at : 2007-7-19 下午 02-19-24 24



Axis Y (Ch 0)	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	101.79	11.16	6.319	500



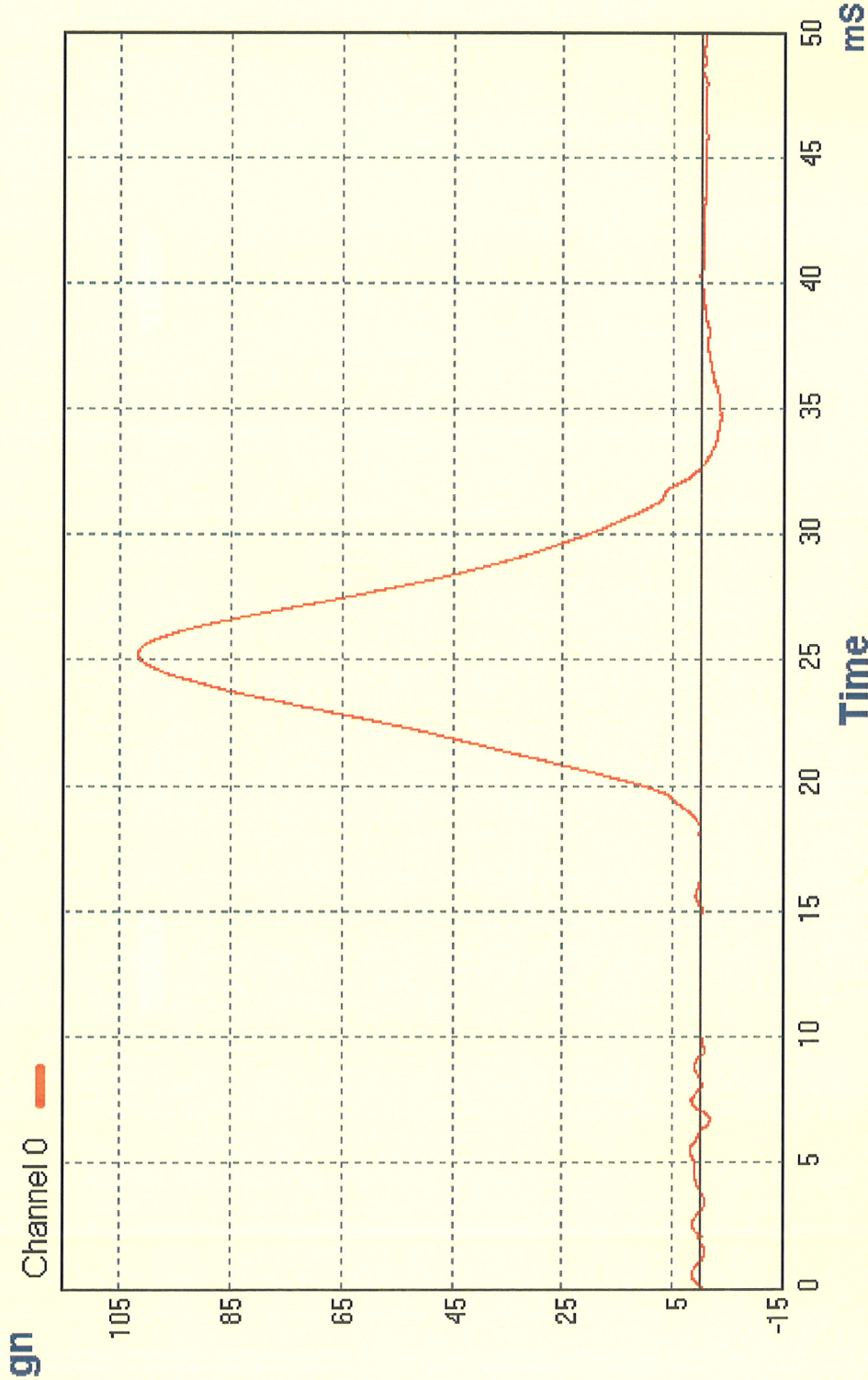
SHOCK TEST SPECIFICATION : 100 g 11 mS HEIGHT : 880 mm CYCLE OF TEST : 3/3  
 Testing at : 2007-7-19 下午 02-26-34 34 Data saved at : 2007-7-19 下午 02-26-35 35



Axis - Y (Ch 0)	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	102.21	11.24	6.338	500



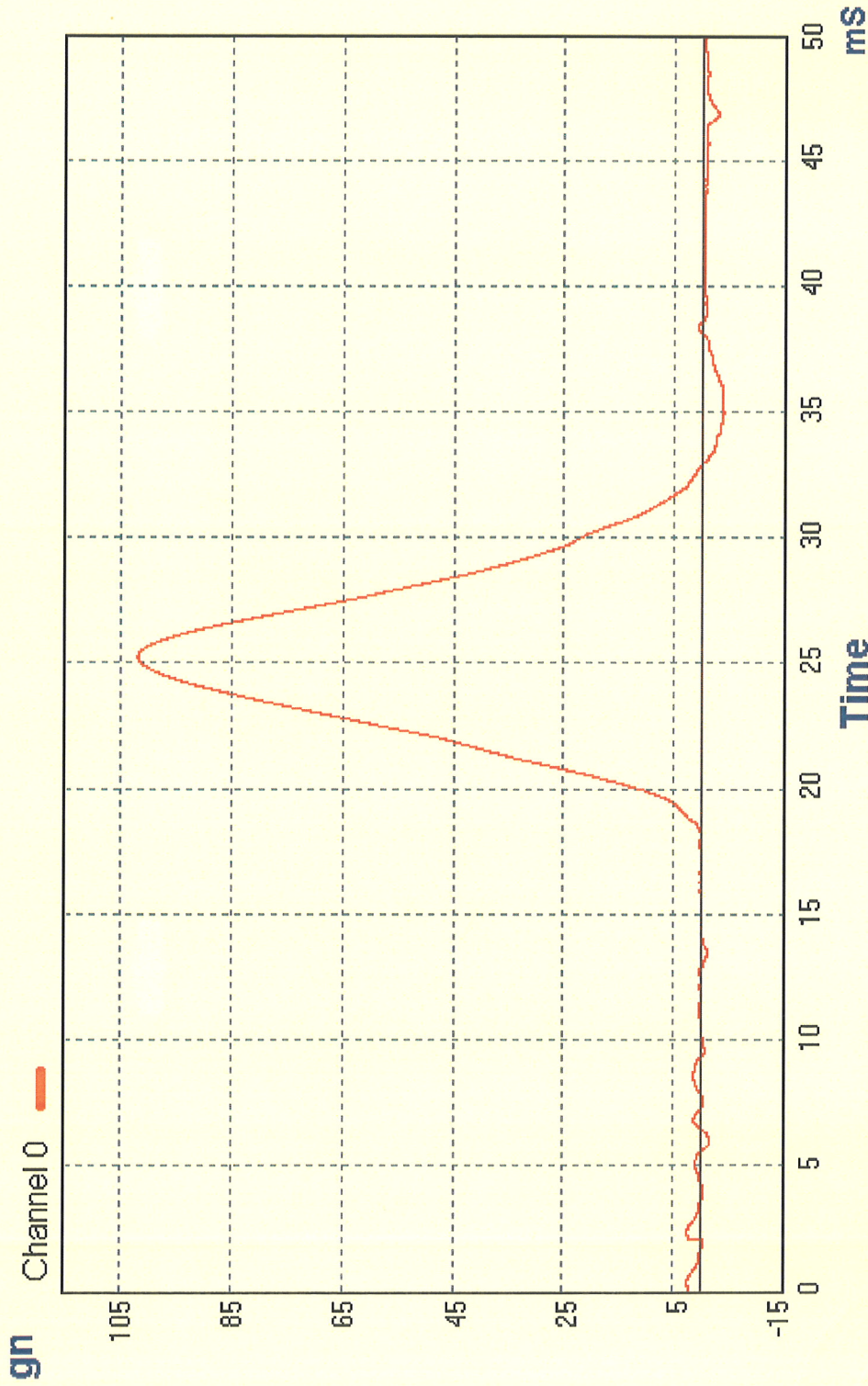
SHOCK TEST SPECIFICATION : 100 g 11 mS HEIGHT : 880 mm CYCLE OF TEST : 3/3  
 Testing at : 2007-7-19 下午 01-57-23 23 Data saved at : 2007-7-19 下午 01-57-24 24



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Z (Ch 0)	101.92	11.02	6.281	500



SHOCK TEST SPECIFICATION : 100 g 11 ms HEIGHT : 880 mm CYCLE OF TEST : 3/3  
 Testing at : 2007-7-19 下午 02-01-12 12 Data saved at : 2007-7-19 下午 02-01-13 13



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -Z (Ch 0)	102.04	11.13	6.311	500