

TESTING / INSPECTION REPORT

REPORT NO : ST-070726-3

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TEL : 886-2-8919-1234
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SPECIMEN : AEC-6915
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 19 pages, and no part of it may be abstracted or reproduced.

Test Engineer :	<i>Angus Wu</i>	
Approval Signatory	<i>David Lee</i>	Laboratory Head : <i>Jason Shih</i>



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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,
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-6915 |
| Quantity | : 2 pieces |

TEST SPECIFICATION :

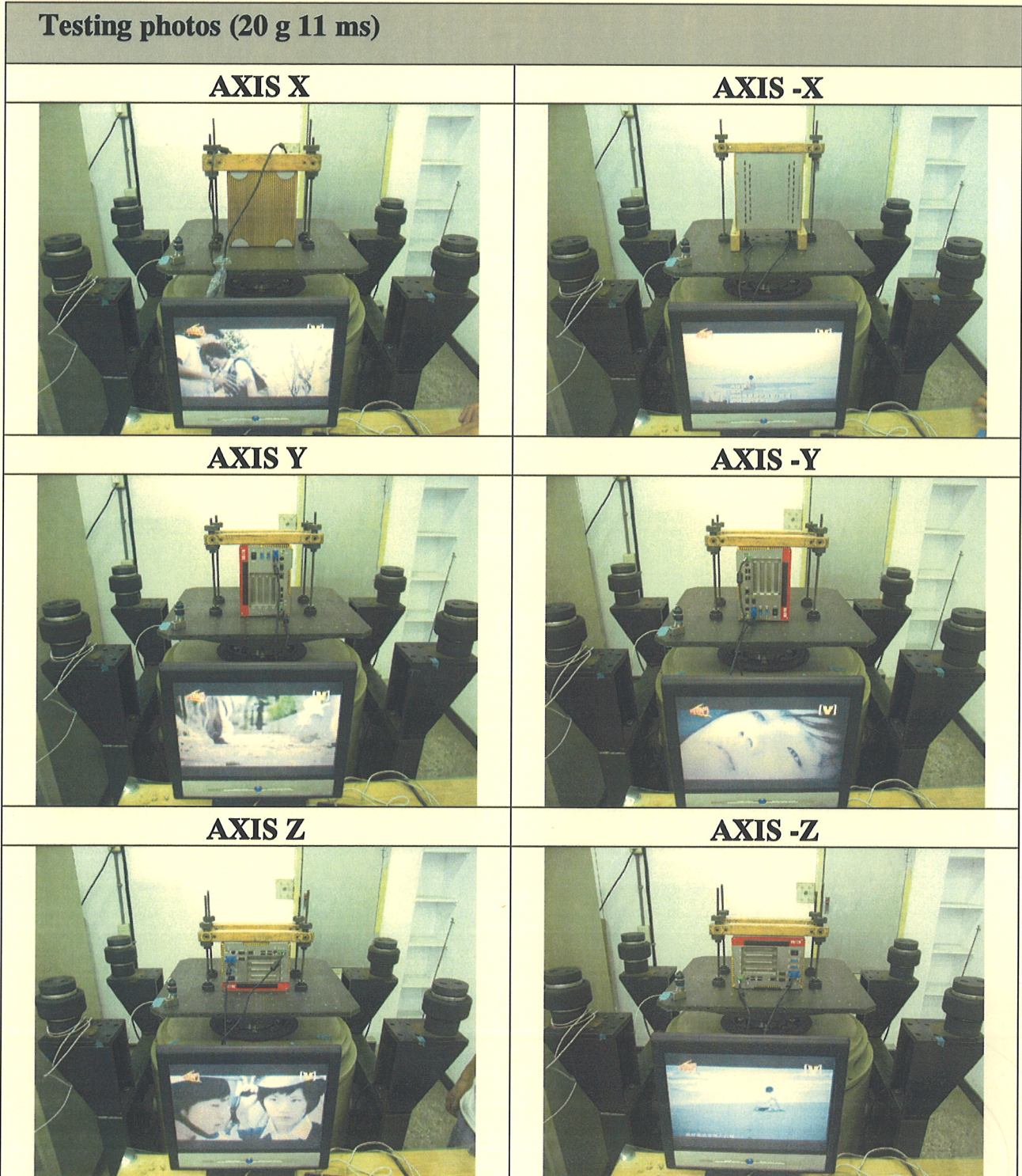
- | | |
|-----------------|------------------------|
| (1) Wave Form | : Half sine wave (HDD) |
| Acceleration | : 20 g |
| Duration Time | : 11 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : ±X, ±Y, ±Z axis |
| (2) Wave Form | : Half sine wave (CF) |
| Acceleration | : 50 g |
| Duration Time | : 11 ms |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : ±X, ±Y, ±Z axis |

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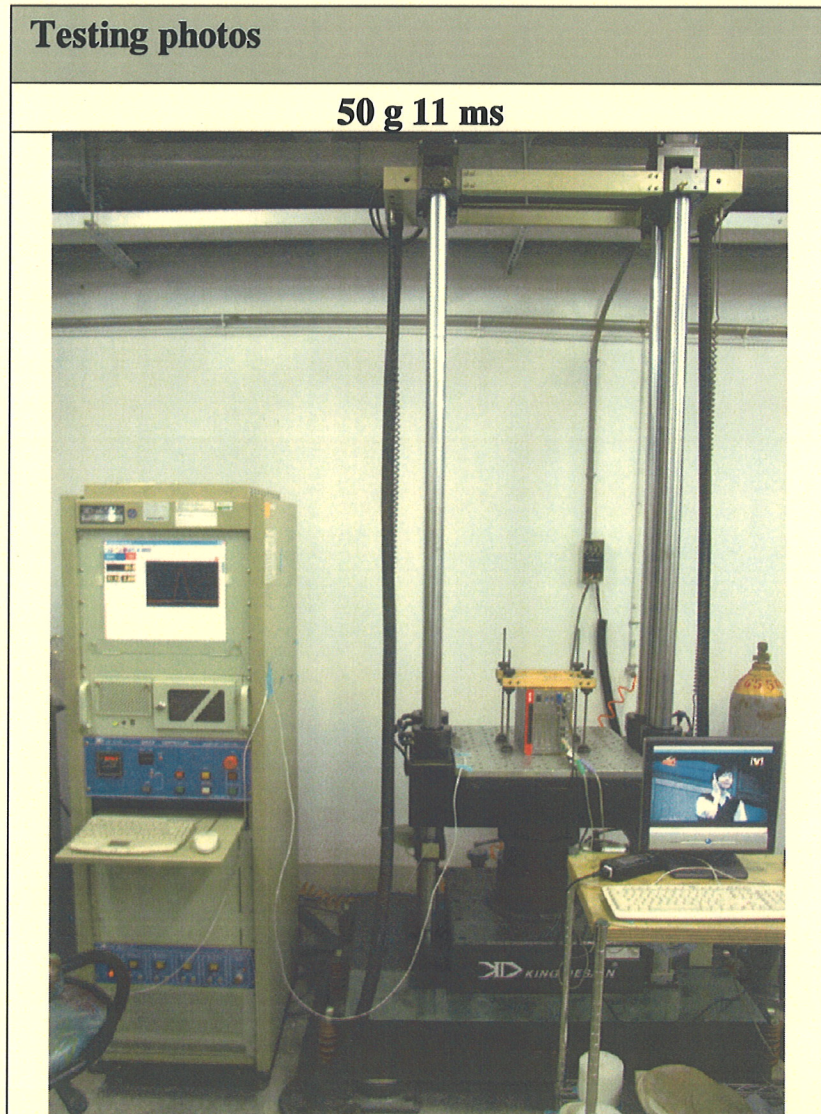
TEST RESULT :

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

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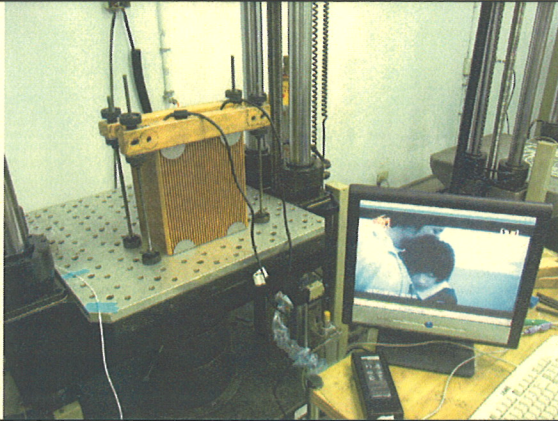
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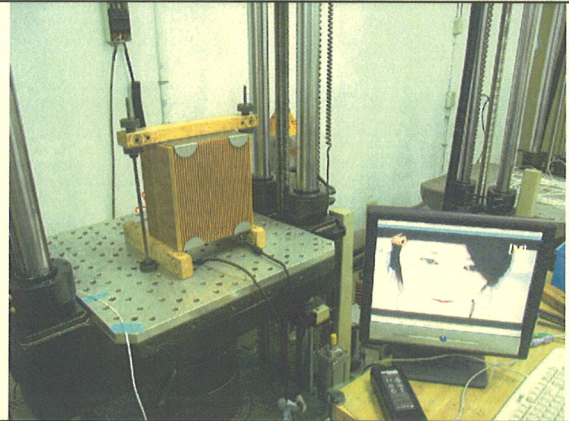
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Testing photos (50 g 11 ms)

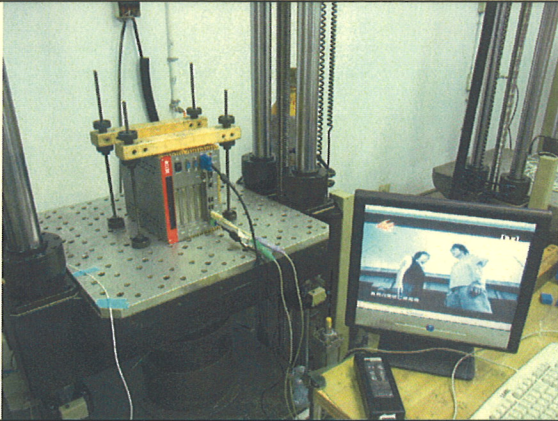
AXIS X



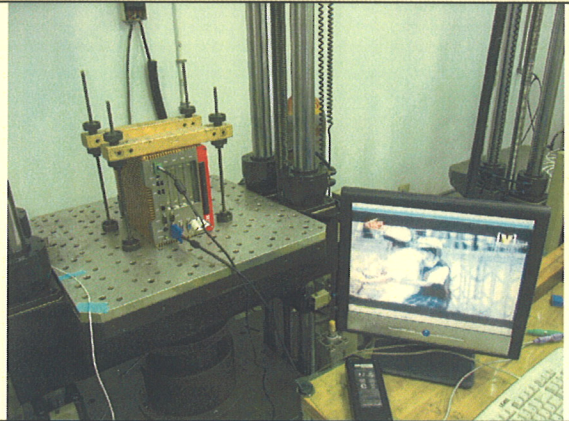
AXIS -X



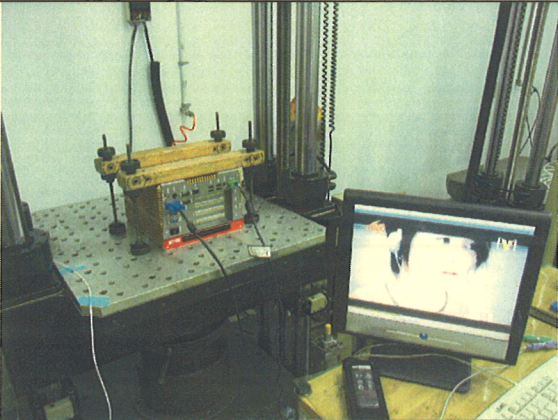
AXIS Y



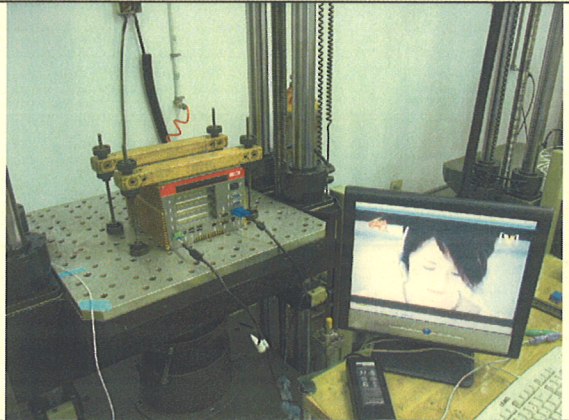
AXIS -Y



AXIS Z



AXIS -Z



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Testing photos

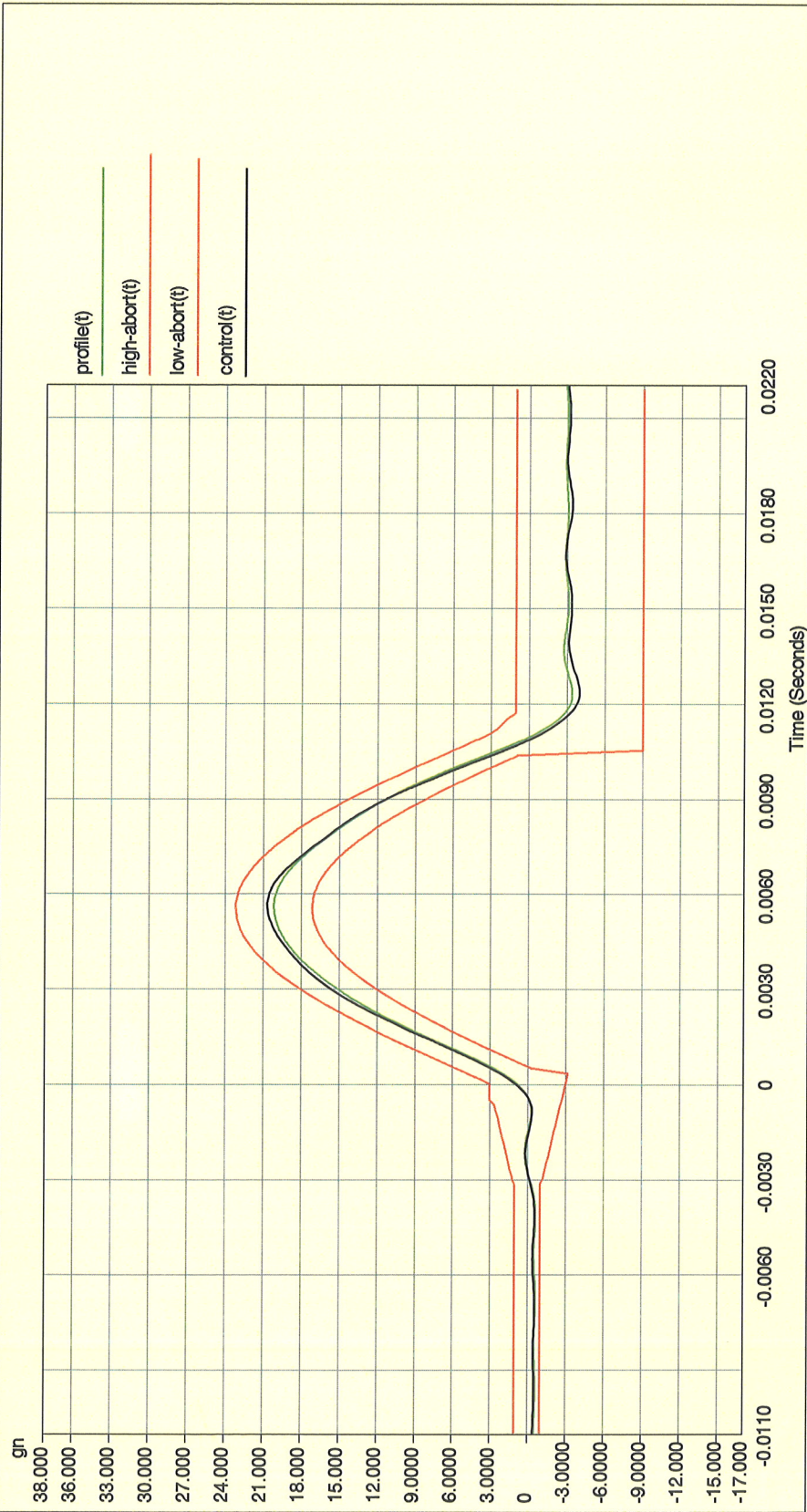
After test



Axis X

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19,2007 16-04-04

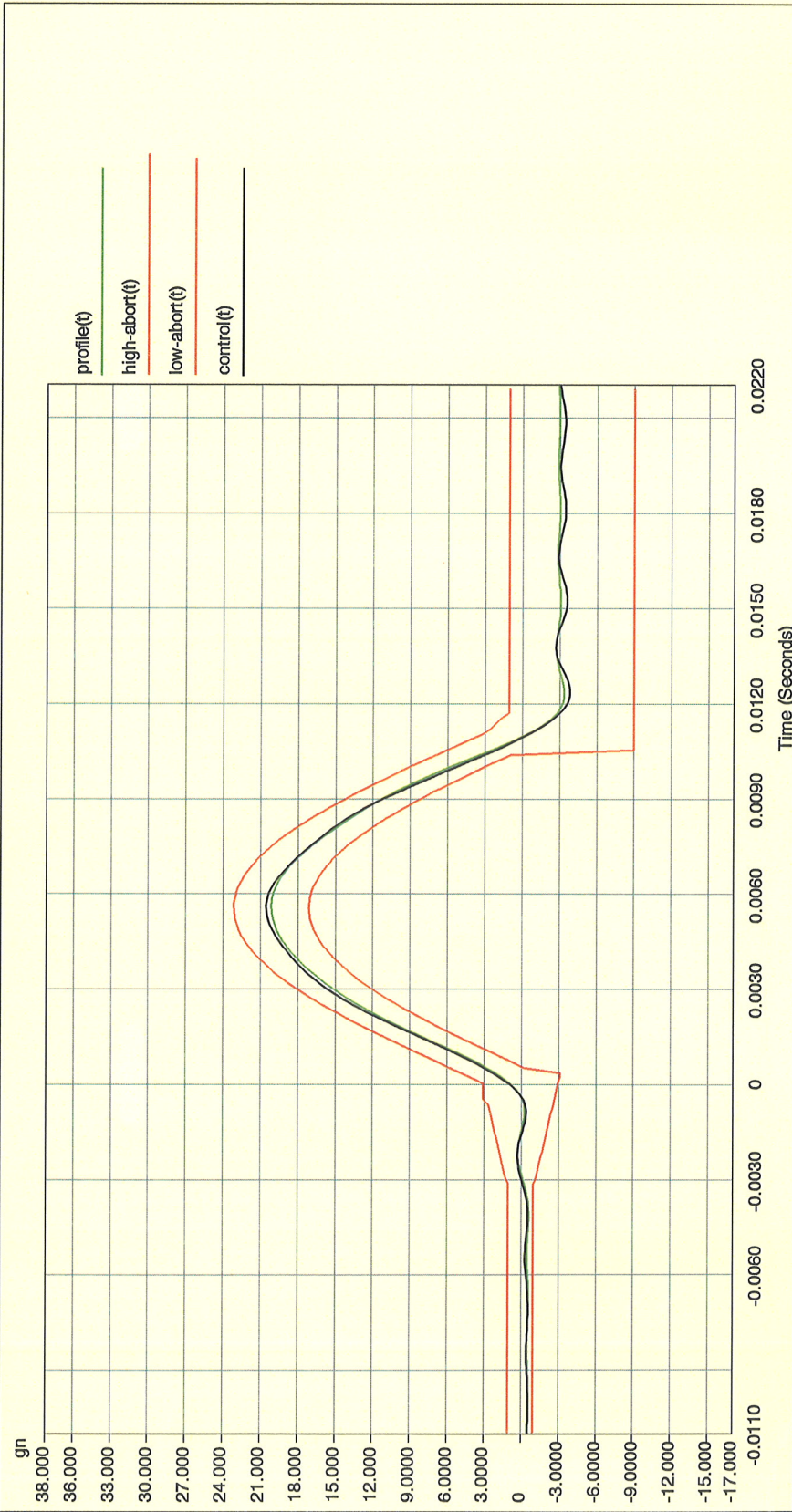


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.534729 gn Control RMS: 2.107440 gn Full Level Elapsed Pulses: 3
 dt: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 04:04:35 PM, Thursday, July 19, 2007 Report created at 04:04:36 PM, Thursday, July 19, 2007

Axis -X

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19,2007 16-06-34

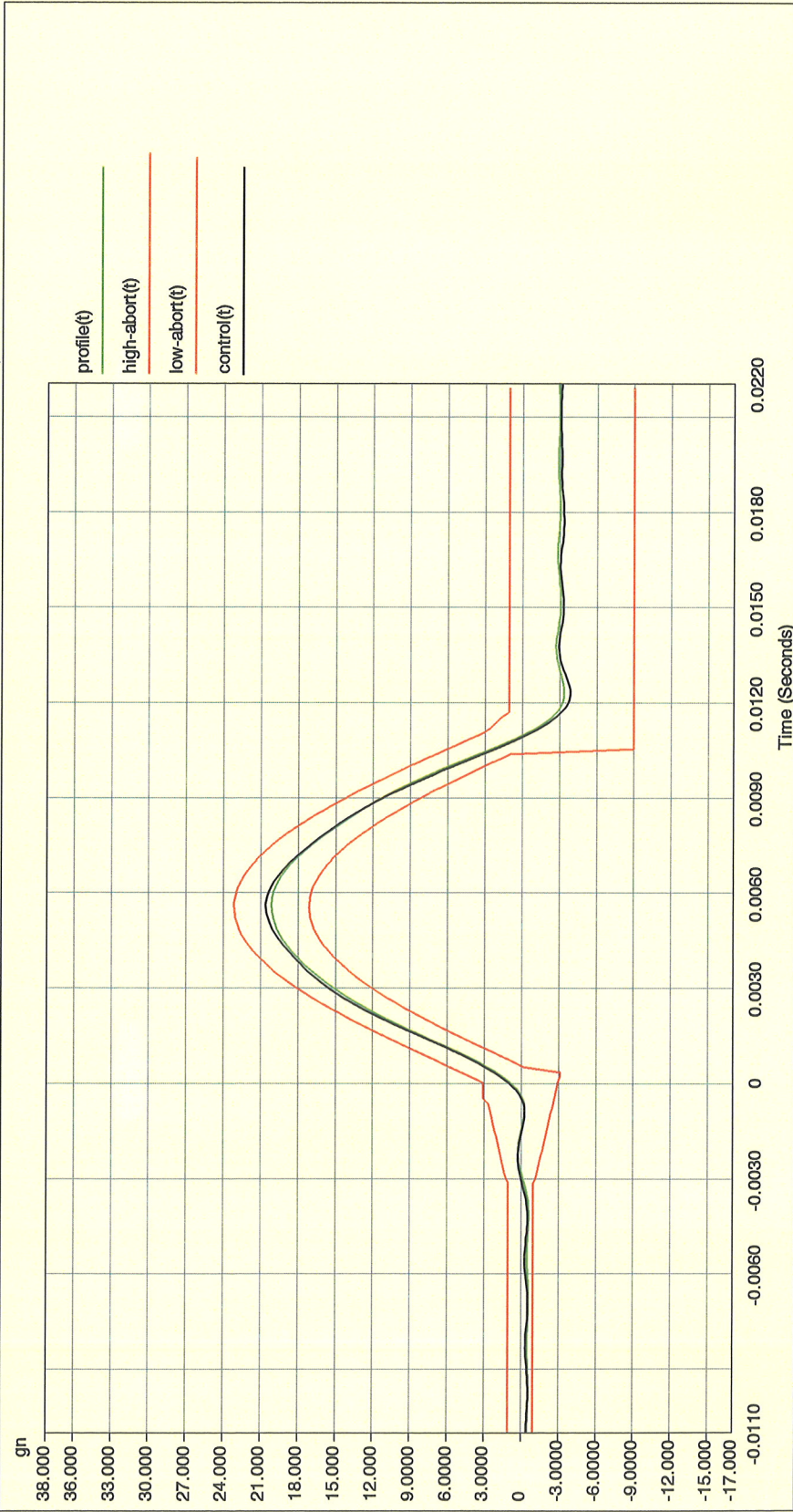


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.432251 gn Control RMS: 2.100992 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 04:07:02 PM, Thursday, July 19, 2007 Report created at 04:07:02 PM, Thursday, July 19, 2007

Axis Y

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jul 19,2007 15-58-09

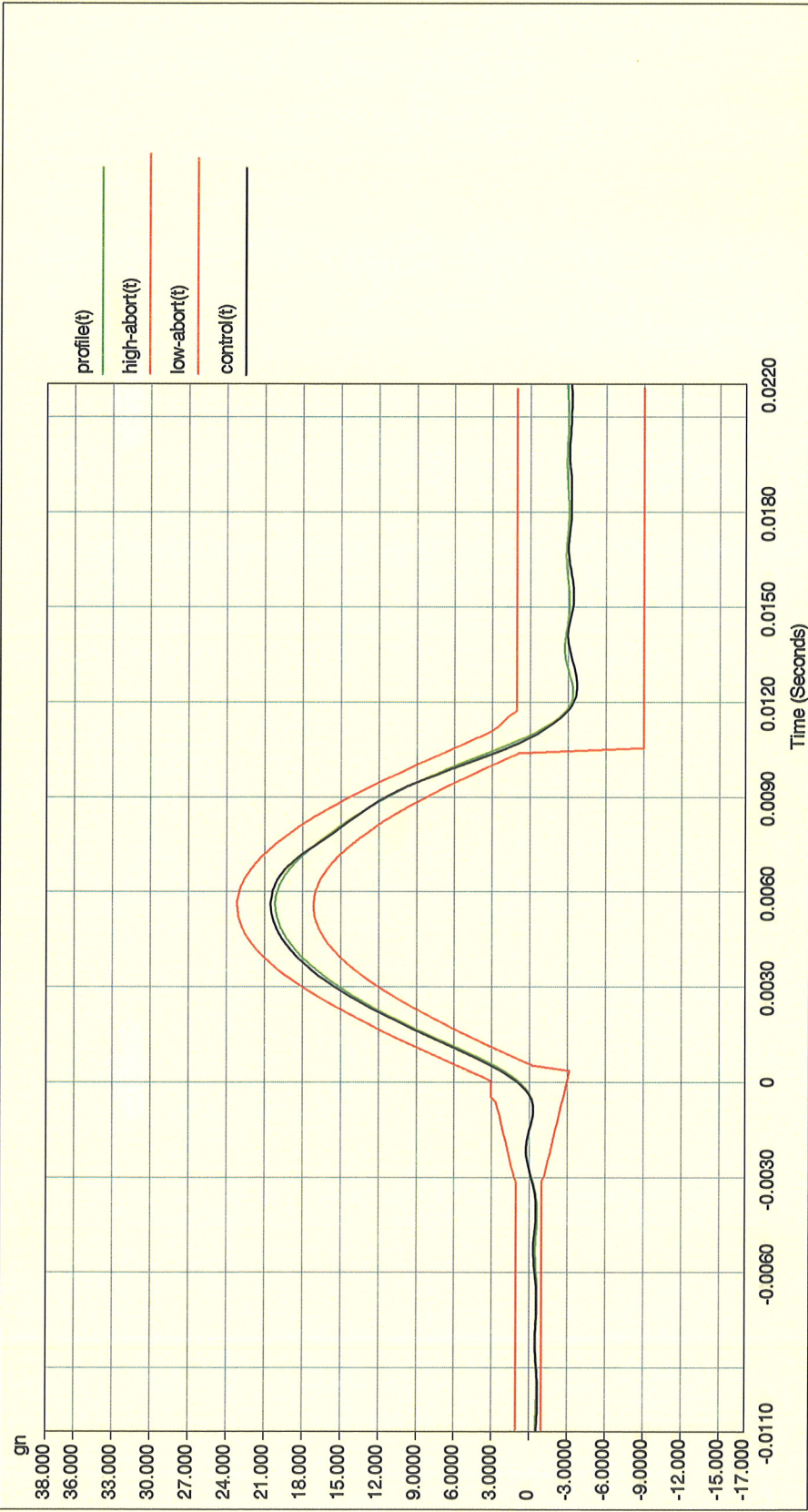


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.466187 gn Control RMS: 2.100662 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 03:58:44 PM, Thursday, July 19, 2007 Report created at 03:58:44 PM, Thursday, July 19, 2007

Axis -Y

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: \RunDefault Jul 19,2007 15-55-13

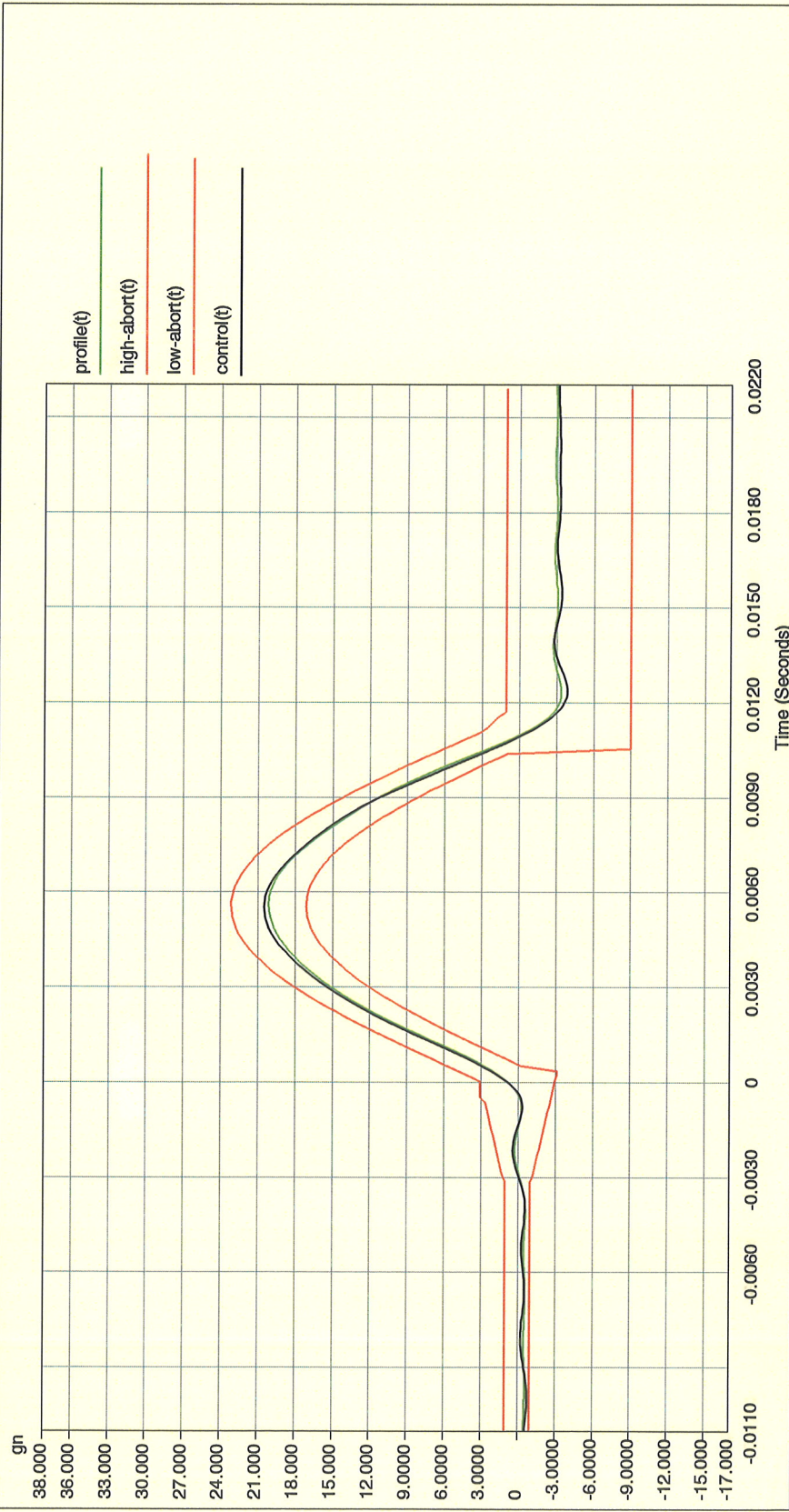


Level: 100 % Block Size: 4096 Elapsed Pulses:13
 Frame Time: 0.682667 Seconds Control Peak: 20.354090 gn Control RMS: 2.100657 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 03:55:45 PM, Thursday, July 19, 2007 Report created at 03:55:46 PM, Thursday, July 19, 2007

Axis Z

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19,2007 15-47-39

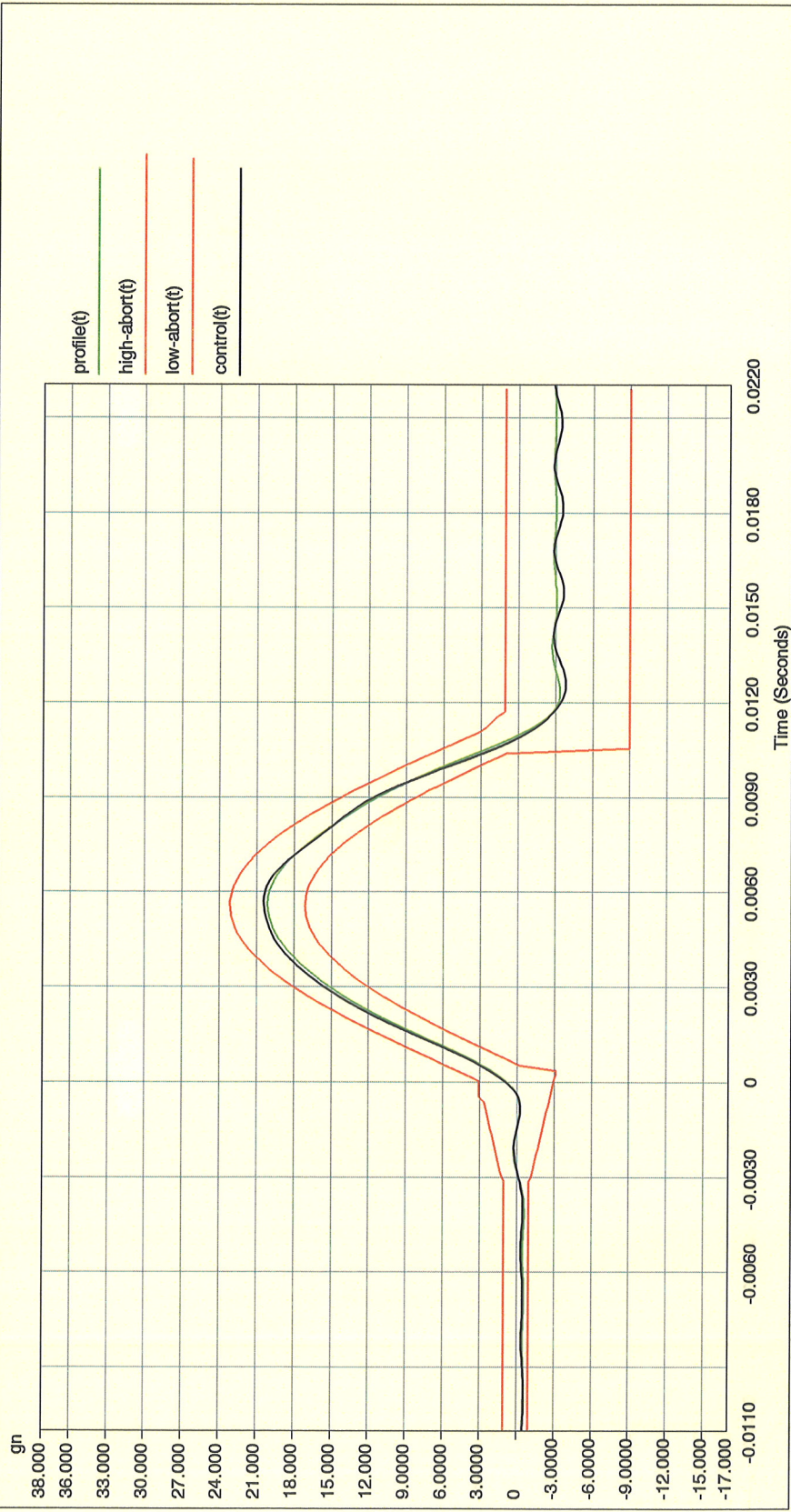


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 20.358717 gn Control RMS: 2.102452 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 03:48:52 PM, Thursday, July 19, 2007 Report created at 03:48:54 PM, Thursday, July 19, 2007

Axis - Z

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jul 19,2007 15-53-32



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.317516 gn Control RMS: 2.102581 gn Full Level Elapsed Pulses: 3
 dt: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.048354 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 03:53:56 PM, Thursday, July 19, 2007 Report created at 03:53:56 PM, Thursday, July 19, 2007

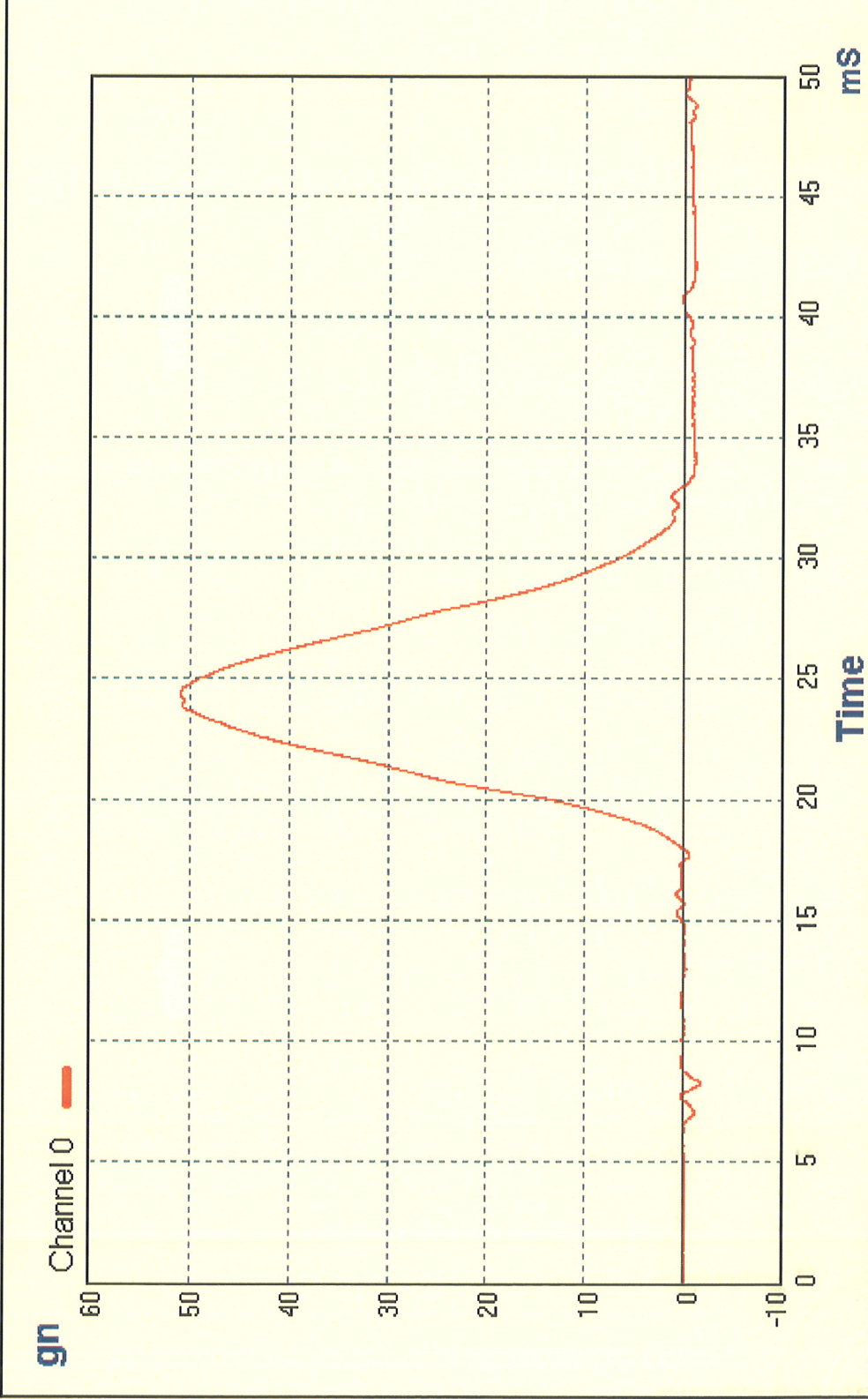
SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 240 mm CYCLE OF TEST : 3/3
 Testing at : 2007-7-19 下午 03-10-25 25 Data saved at : 2007-7-19 下午 03-10-26 26



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis X (Ch 0)	51.02	11.33	3.392	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 240 mm CYCLE OF TEST : 3/3

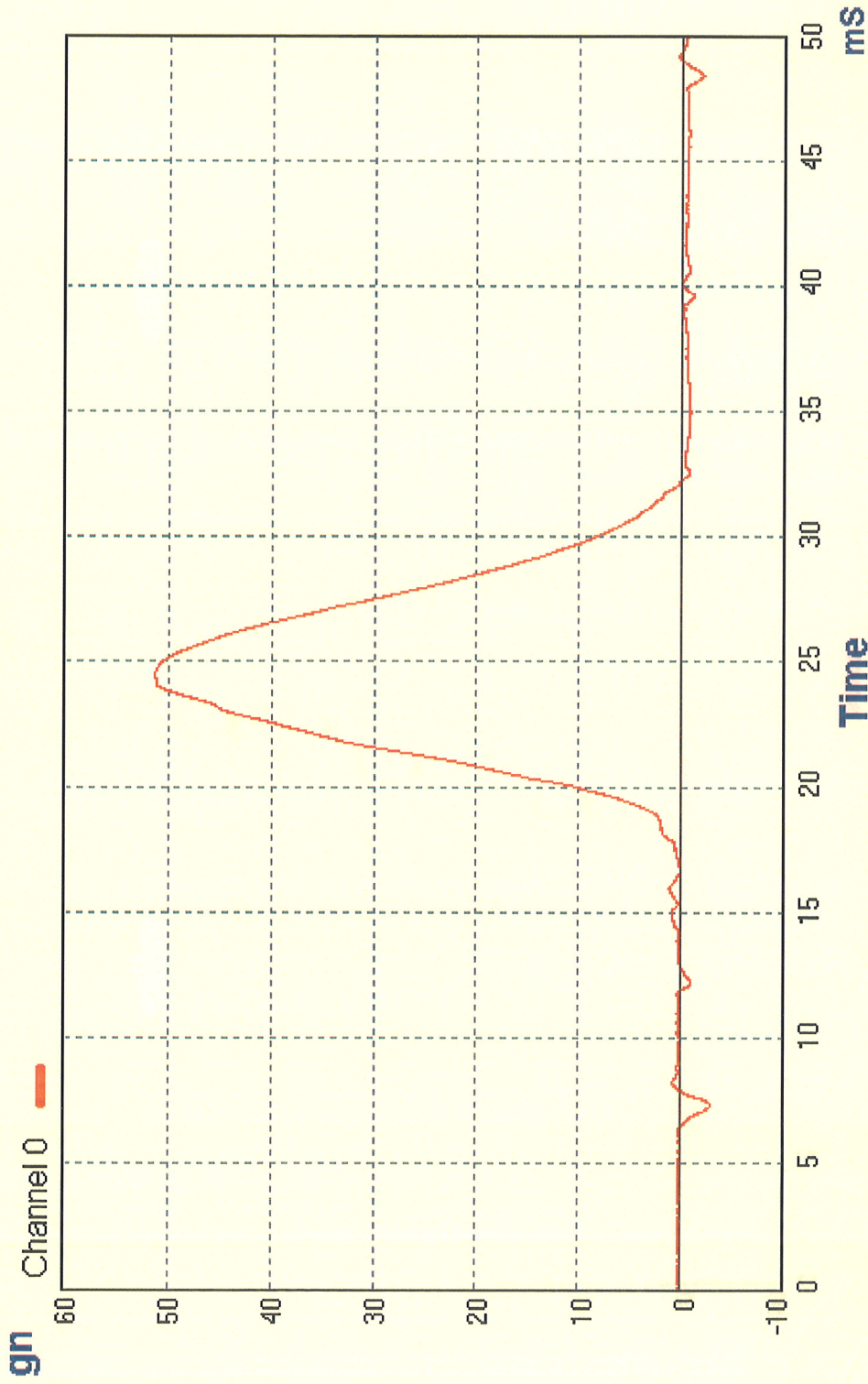
Testing at : 2007-7-19 下午 03-14-56 56 Data saved at : 2007-7-19 下午 03-14-57 57



Axis -X (Ch 0)	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	50.89	11.27	3.389	500

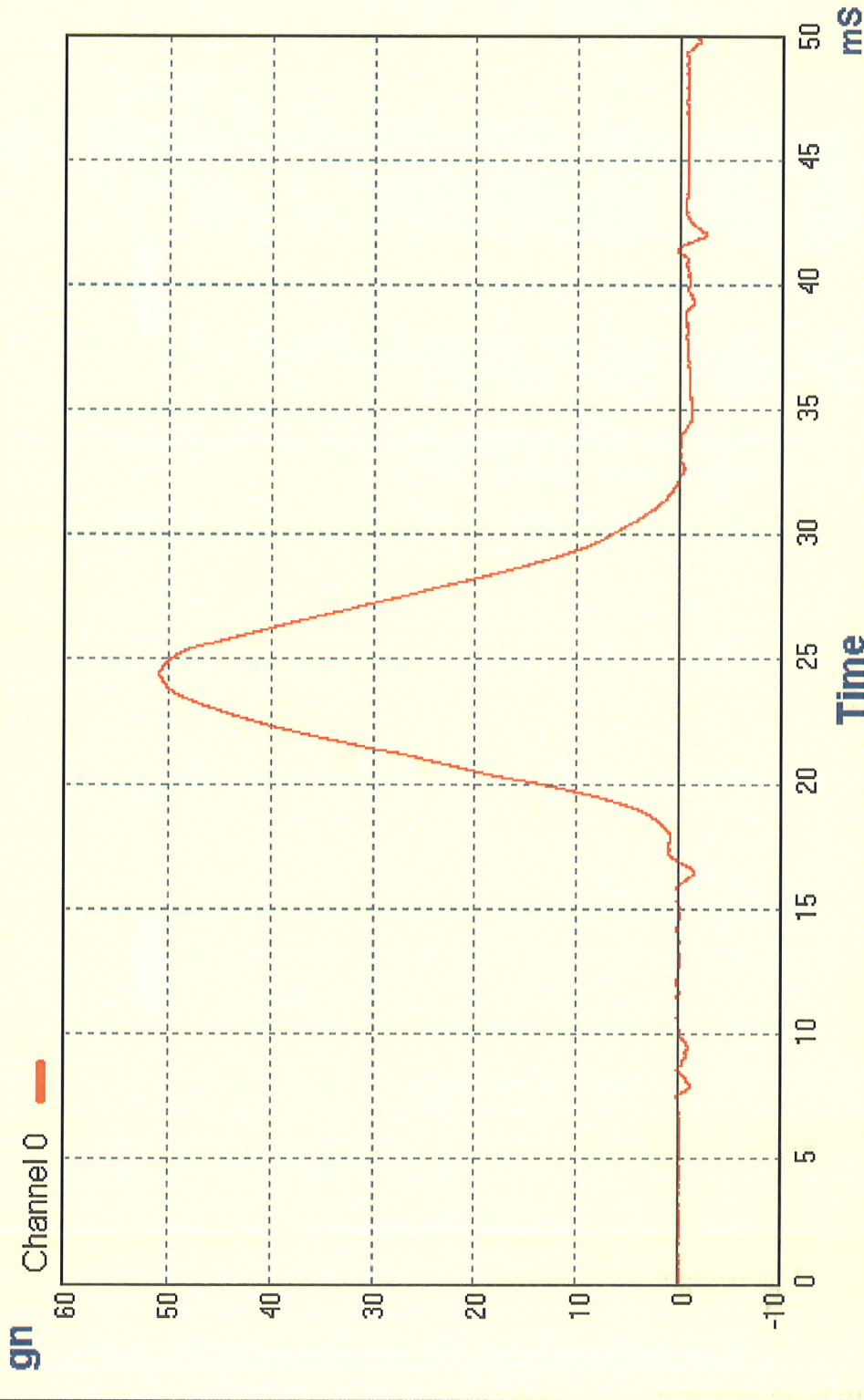
SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 240 mm CYCLE OF TEST : 3/3

Testing at : 2007-7-19 下午 03-01-23 23 Data saved at : 2007-7-19 下午 03-01-23 23



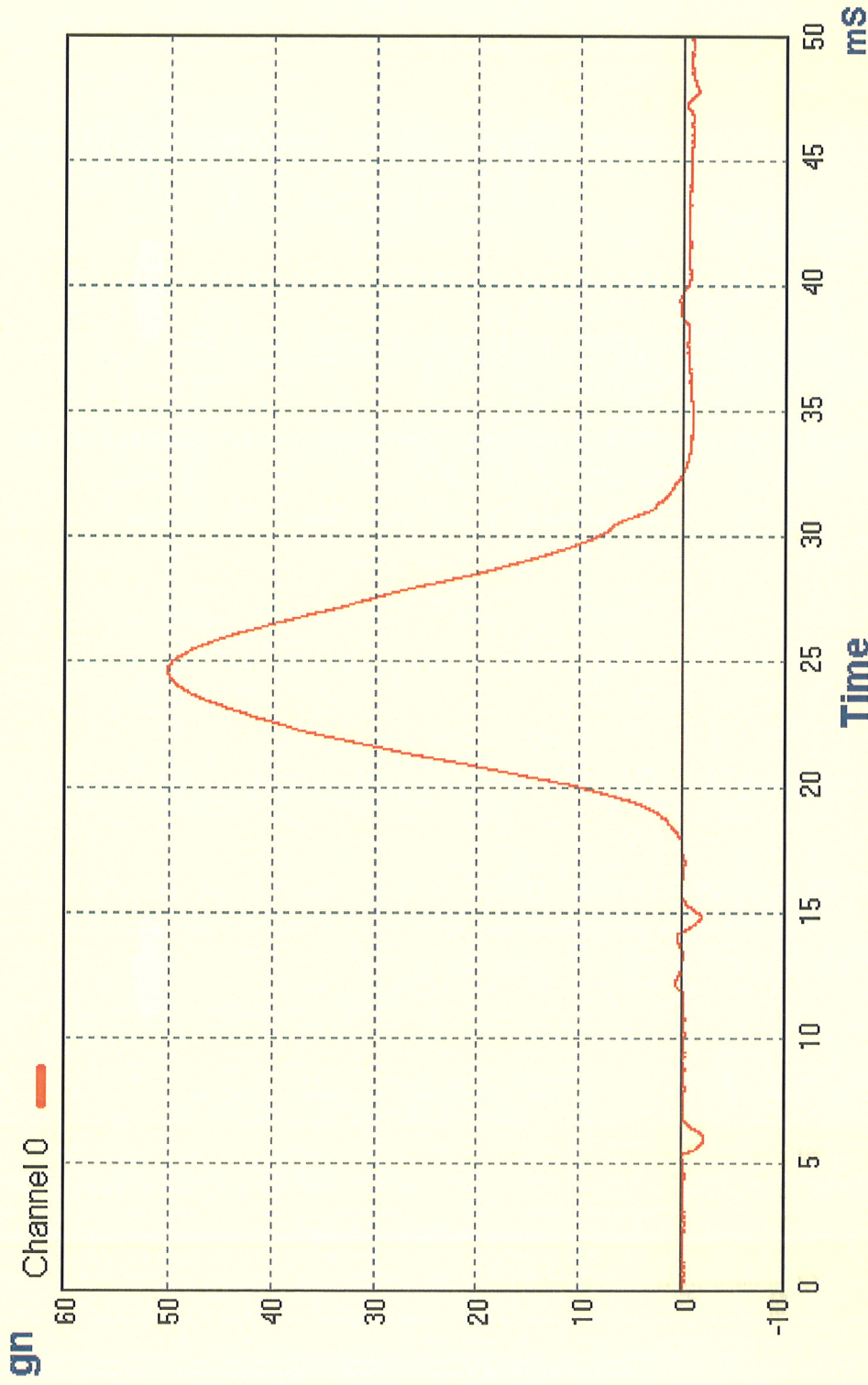
Axis Y (Ch 0)	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	51.40	11.27	3.408	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 240 mm CYCLE OF TEST : 3/3
 Testing at : 2007-7-19 下午 03-04-16 16 Data saved at : 2007-7-19 下午 03-04-17 17



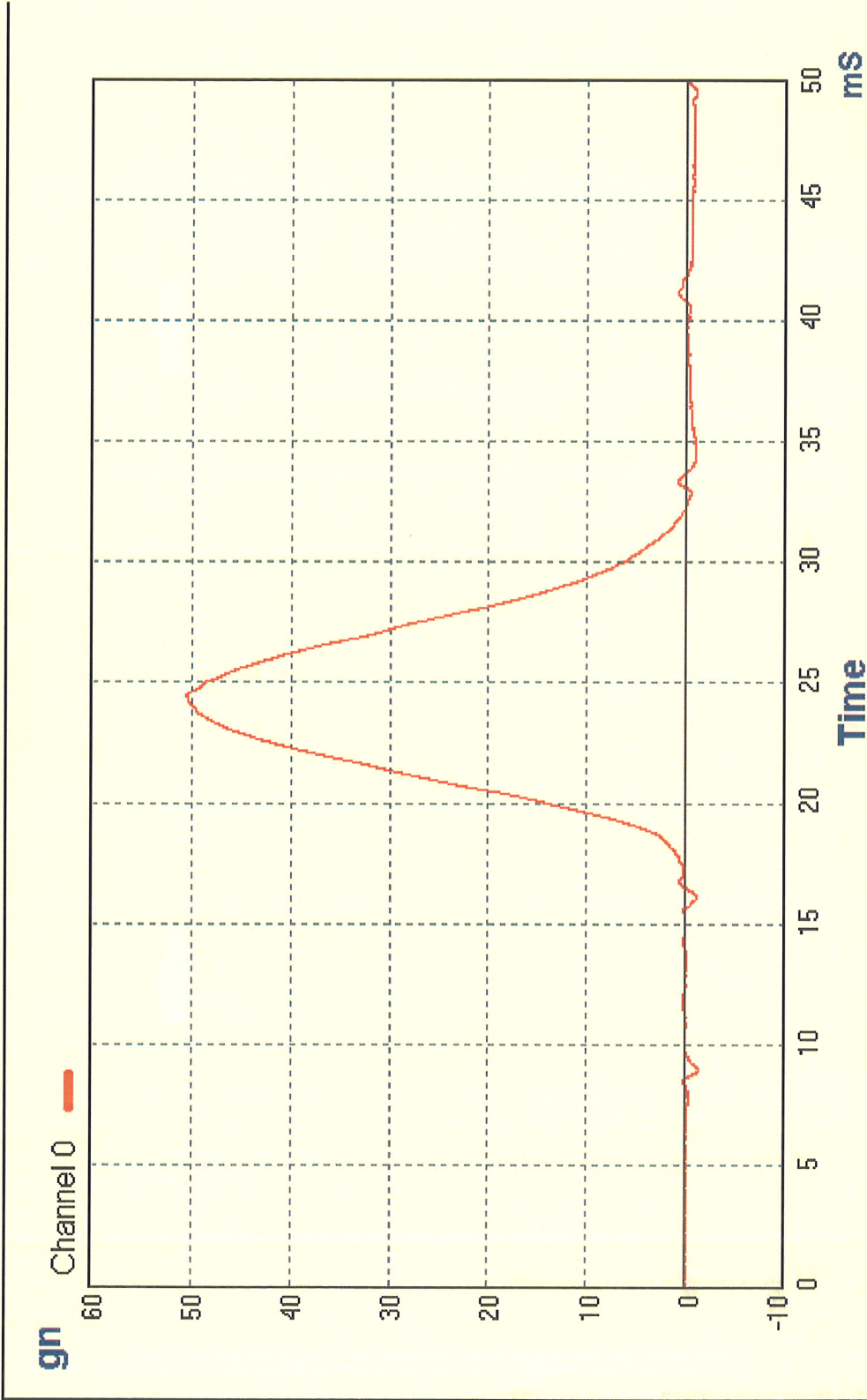
	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -Y (Ch 0)	50.92	11.27	3.376	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 240 mm CYCLE OF TEST : 3/3
 Testing at : 2007-7-19 下午 02-53-19 19 Data saved at : 2007-7-19 下午 02-53-20 20



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Z (Ch 0)	50.14	11.36	3.370	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 240 mm CYCLE OF TEST : 3/3
 Testing at : 2007-7-19 下午 02-56-36 36 Data saved at : 2007-7-19 下午 02-56-36 36



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -Z (Ch 0)	50.50	11.30	3.360	500