

TESTING / INSPECTION REPORT




REPORT NO : ST-100408-2

COMPANY : Apacer Technology Inc.
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Taiwan (R.O.C)
TEL : 886-2-2698-2888
FAX : 886-2-2698-2889
SPECIMEN : ADMIII 44P/180D LP without dot board
DATE OF RECEIVED : 2010/04/07
DATE OF TESTED : 2010/04/08

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 : 	
Approval Signatory :  2010.4.19	Laboratory Head : 

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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 Testing System : KING DESIGN DP-1200-18, S/N:KDS02197998
- 5.Controller : KING DESIGN DAS-105
- 6.Accelerometer : DYTRAN 3200B5 S/N:2359

TEST ENVIRONMENT :

- Temperature : 25.7°C (25±10°C)
- Relative Humidity : 68% RH (60±20% RH)

SPECIMEN :

- Model : ADMIII 44P/180D LP without dot board
- Quantity : 2 pieces

TEST SPECIFICATION :

- (1) Wave Form : Half sine wave (Non-Operation)
 - Acceleration : 1500g
 - Duration Time : 0.5 ms
 - No. of Shock : Each axis 3 times
 - Shock Direction : ±X, ±Y, ±Z axis

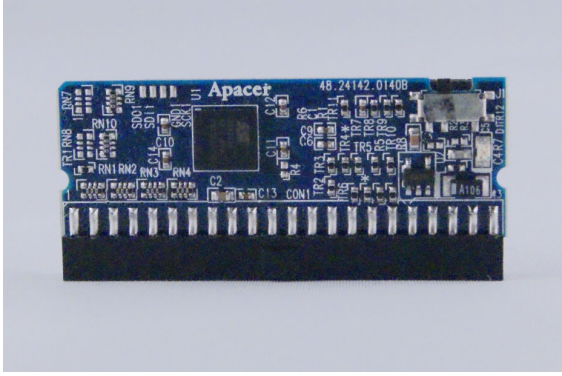
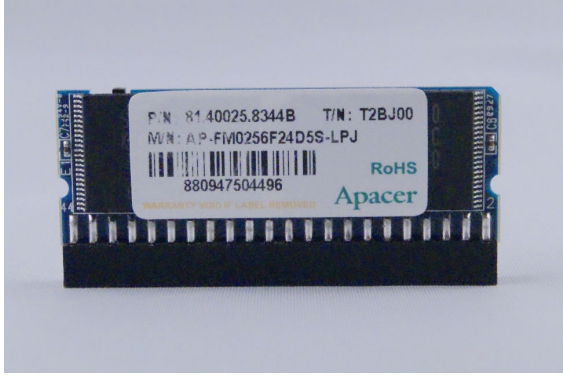

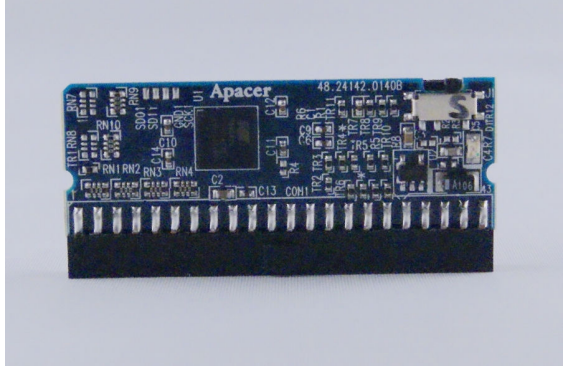
- (2) Wave Form : Half sine wave (Operation)
 - Acceleration : 50g
 - Duration Time : 11 ms
 - No. of Shock : Each axis 3 times
 - Shock Direction : ±X, ±Y, ±Z axis

TESTING / INSPECTION REPORT

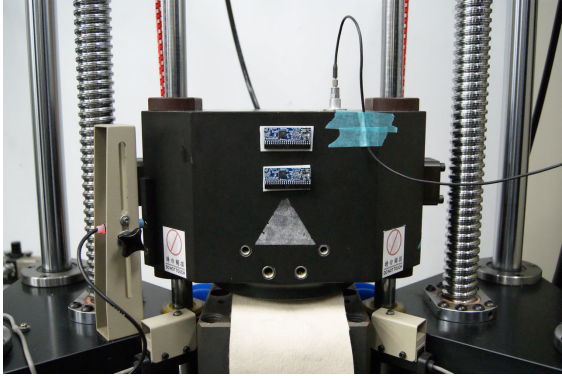
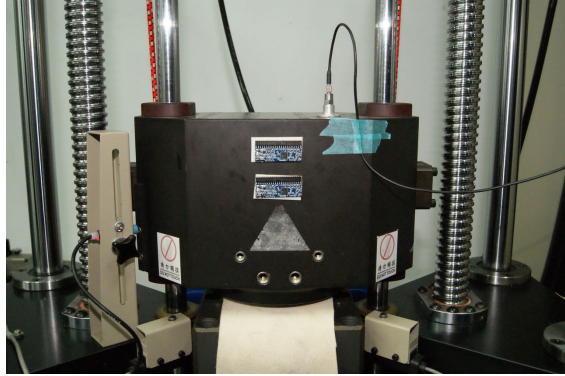
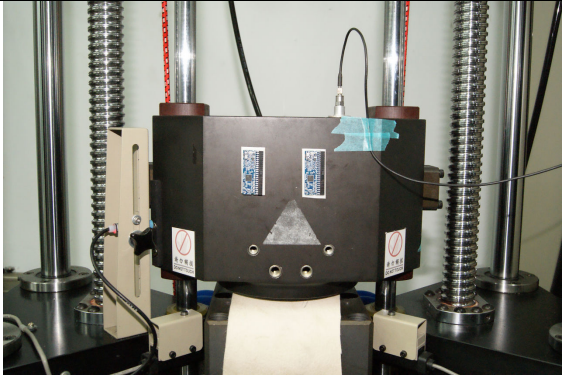
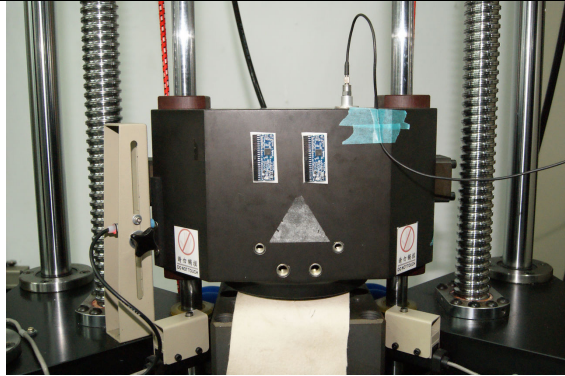
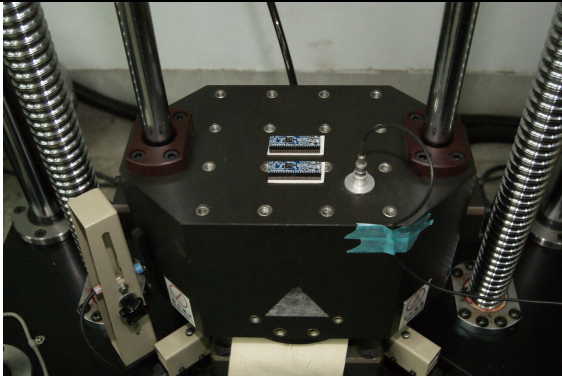
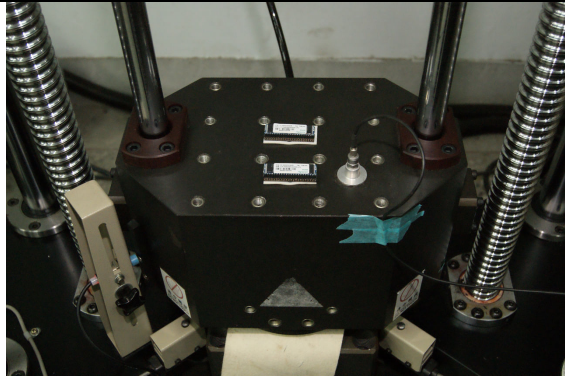
TEST RESULT :

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

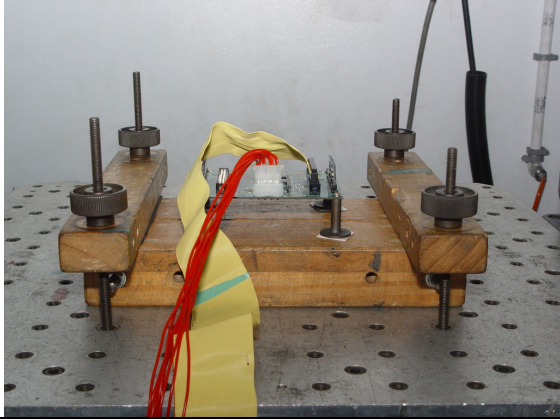

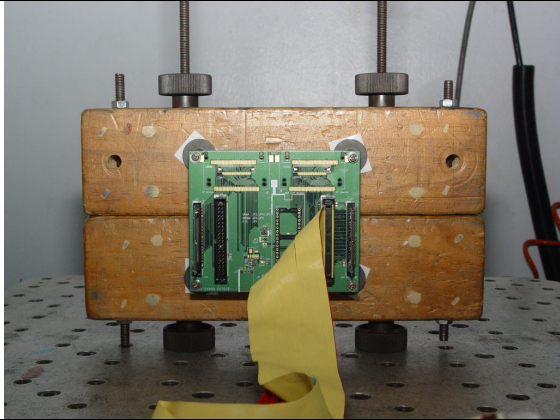
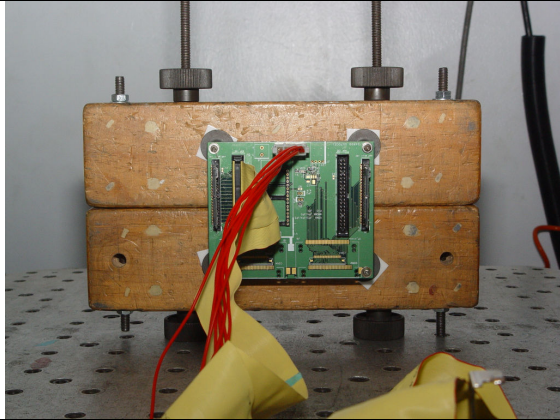
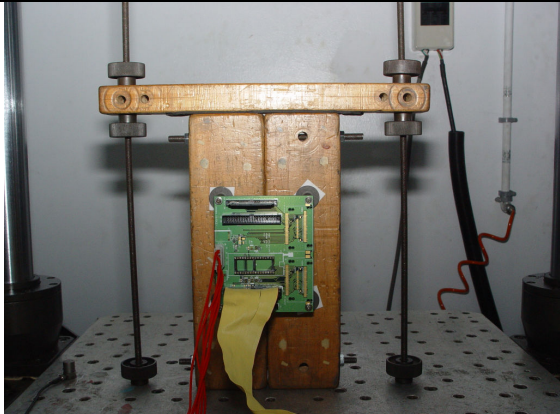
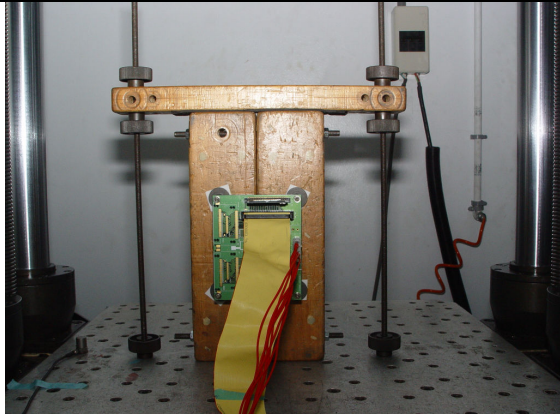
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Testing photos (Test sample surface)	
Sample 1-1	Sample 1-2
	
Sample 2-1	Sample 2-2
	

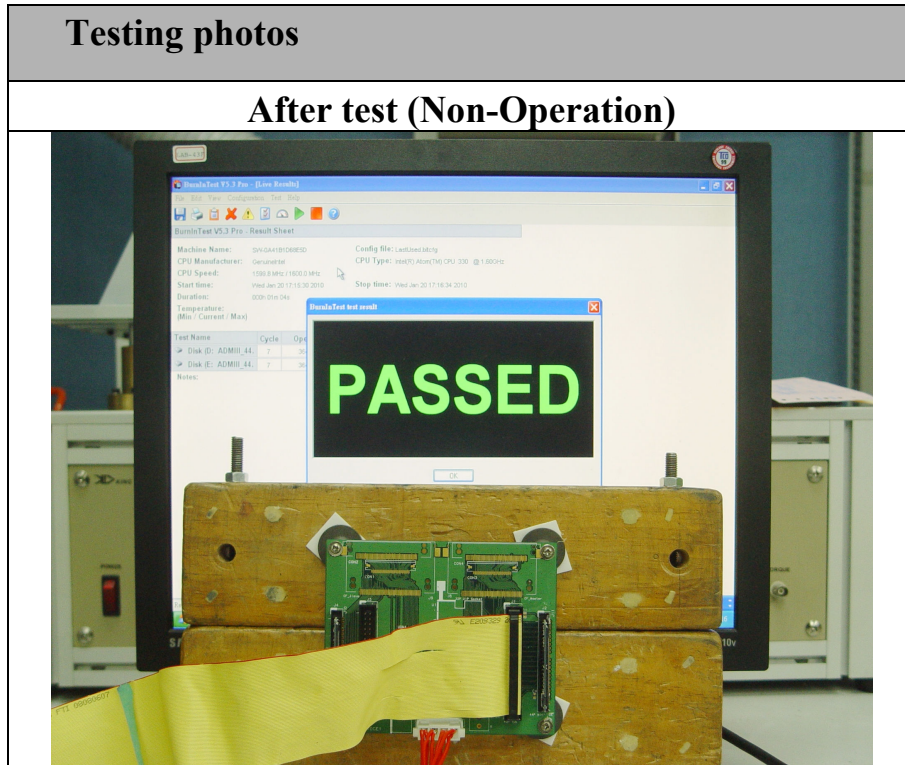
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Testing photos (Non-Operation)	
AXIS X	AXIS -X
	
AXIS Y	AXIS -Y
	
AXIS Z	AXIS -Z
	

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Testing photos (Operation)	
AXIS X	AXIS -X
	
AXIS Y	AXIS -Y
	
AXIS Z	AXIS -Z
	

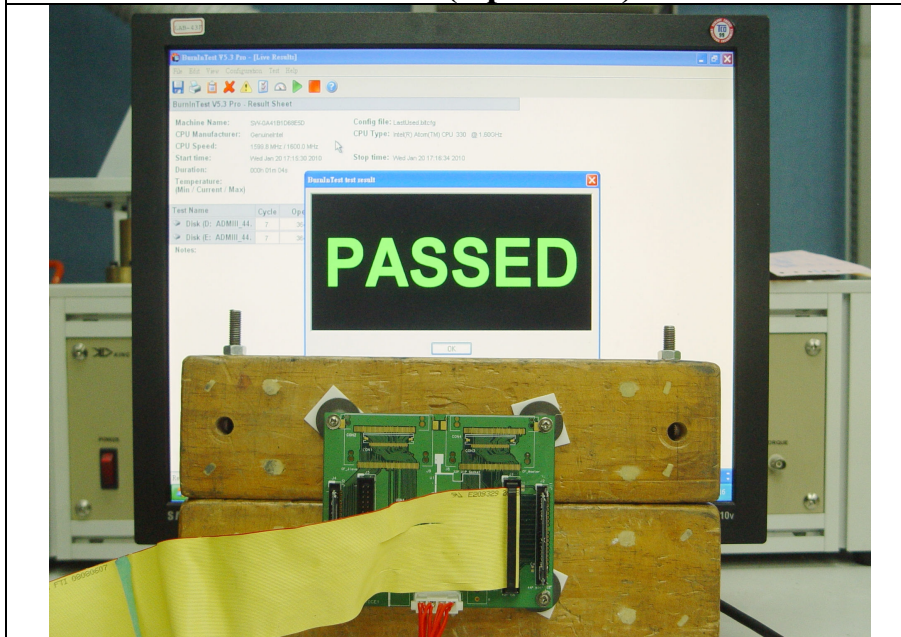
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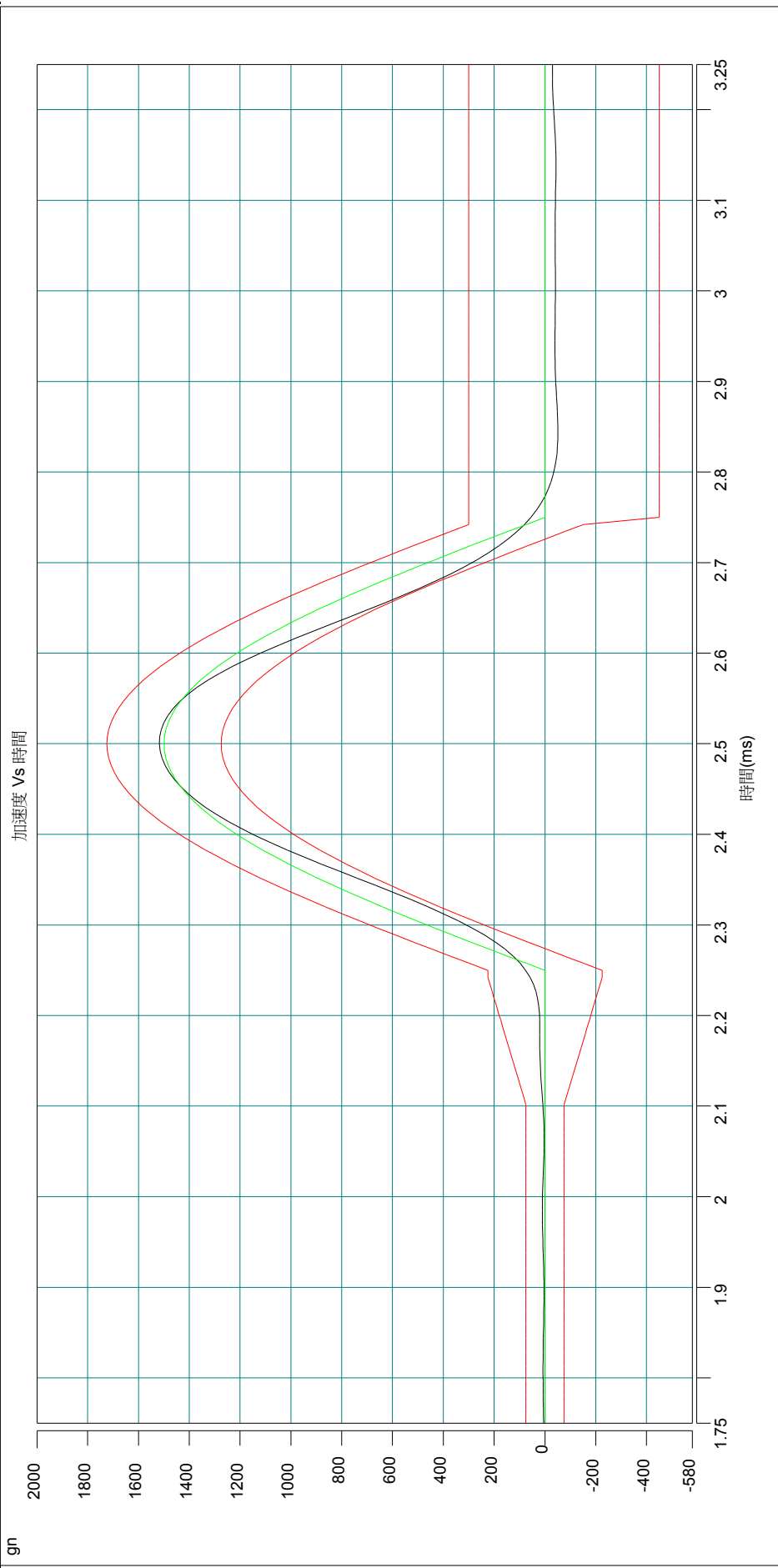
Testing photos

After test (Operation)



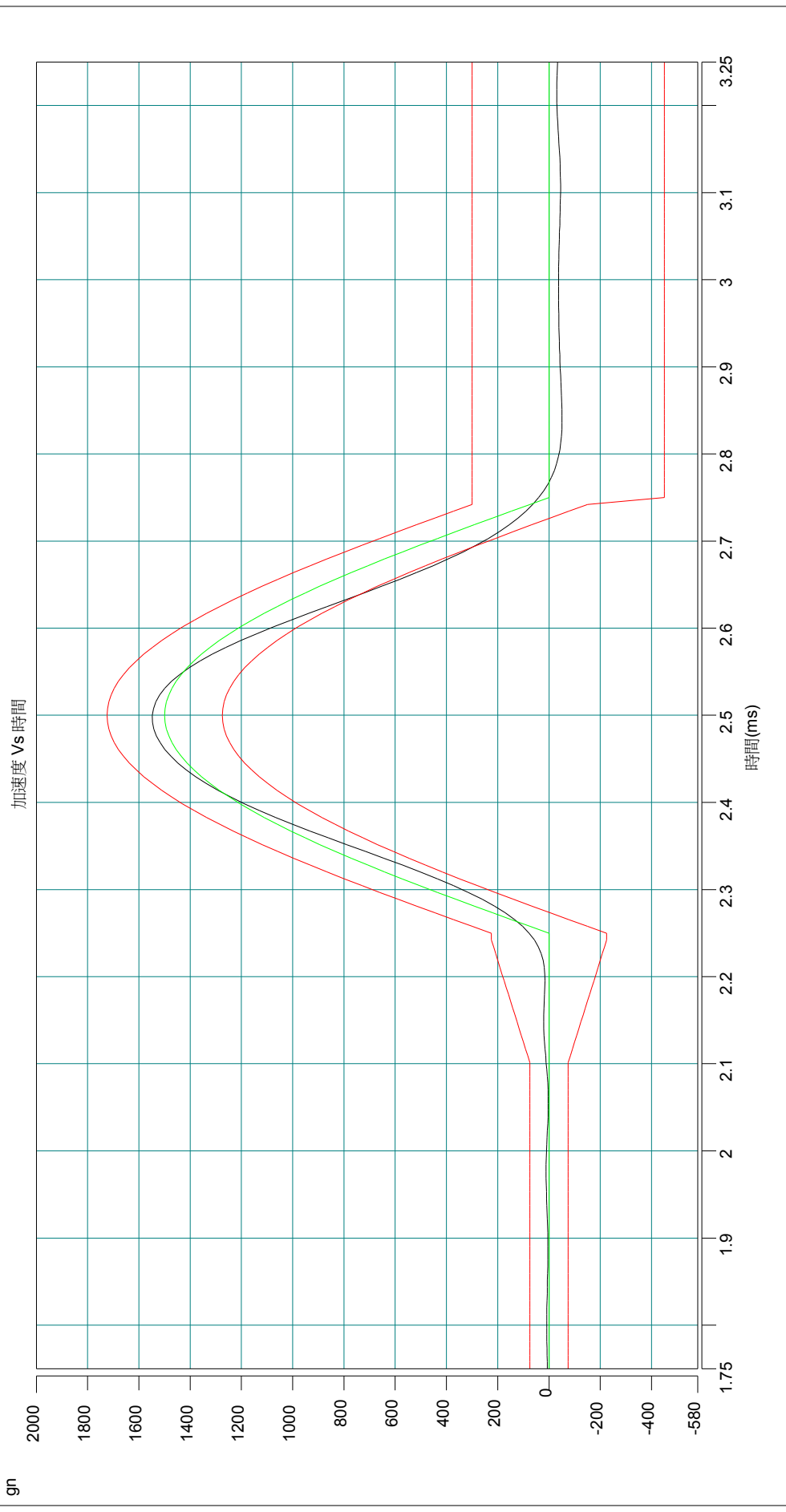
Axis X

信號名稱	加速度 (gn)	時域 (ms)	速度變化率 (m/s)	低通濾波器 (Hz)	最大加速度	最小加速度
Input1(t)	1518.45	0.47	4.32	5000.00	1518.45	-50.66



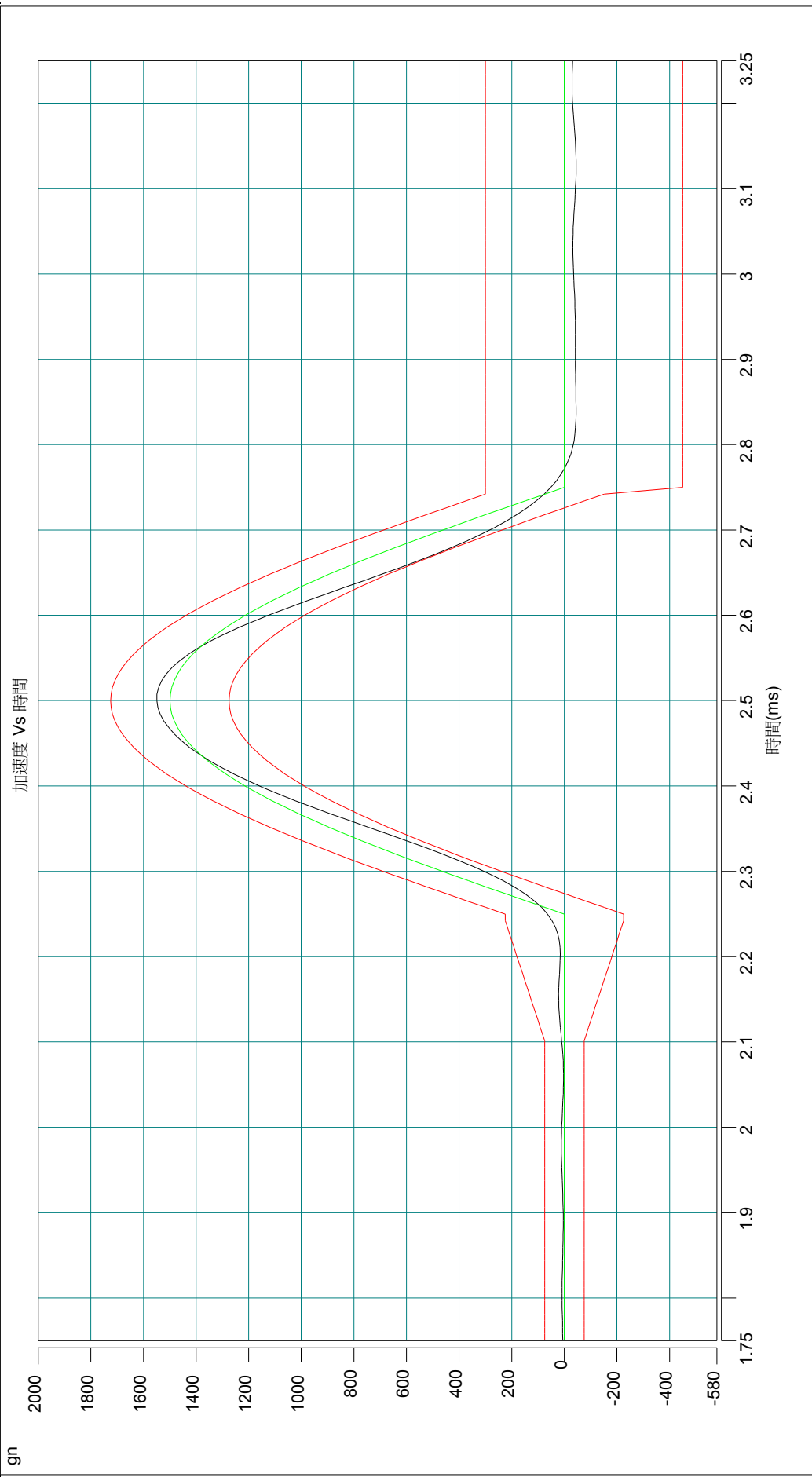
Axis -X

信號名稱	加速度 (gn)	時域 (ms)	速度變化率 (m/s)	低通濾波器 (Hz)	最大加速度	最小加速度
Input1(t)	1548.01	0.47	4.36	5000.00	1548.01	-50.81



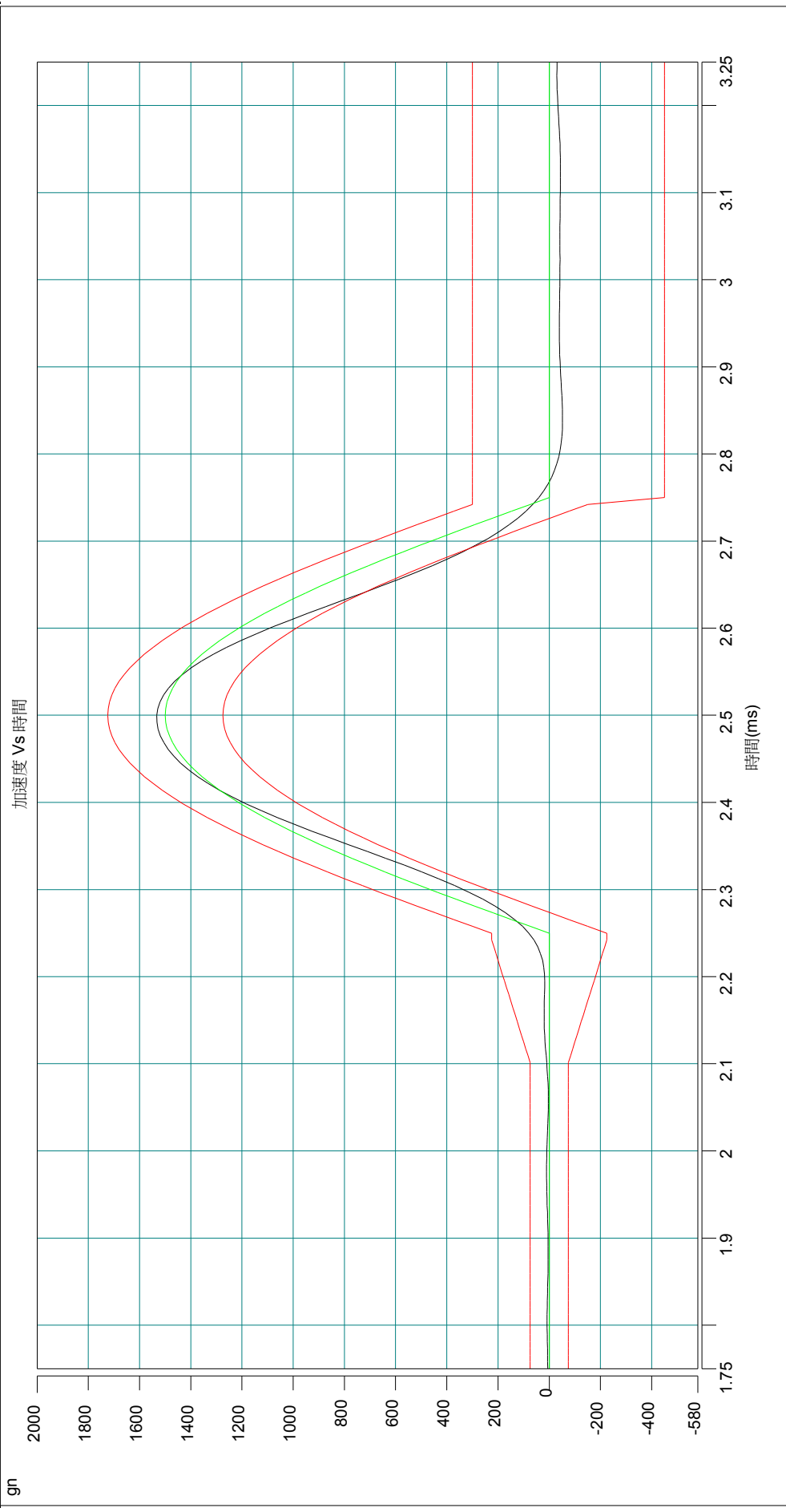
Axis Y

信號名稱	加速度 (gn)	時域 (ms)	速度變化率 (m/s)	低通濾波器 (Hz)	最大加速度	最小加速度
Input1(t)	1549.54	0.46	4.35	5000.00	1549.54	-44.68



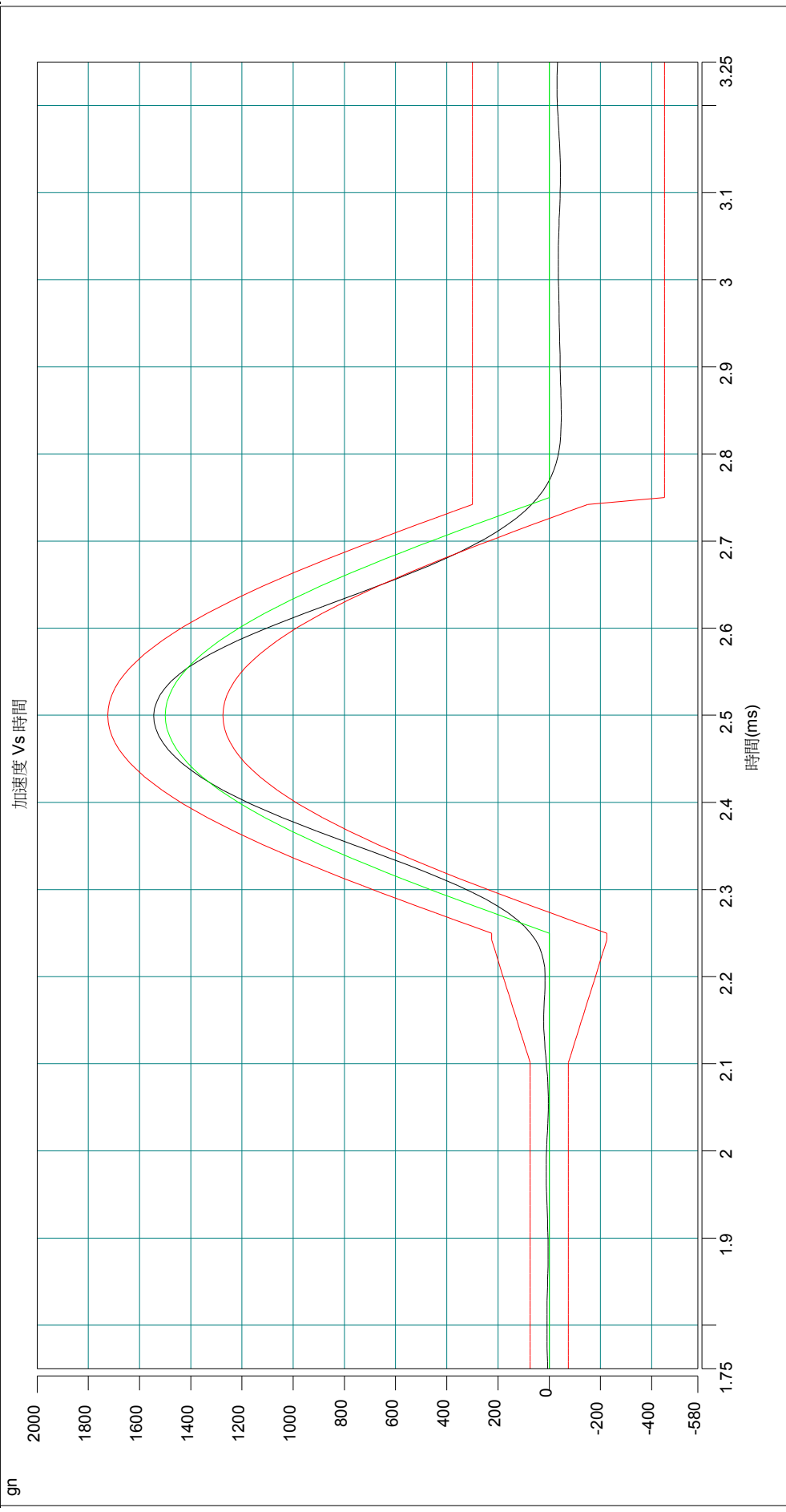
Axis -Y

信號名稱	加速度 (gn)	時域 (ms)	速度變化率 (m/s)	低通濾波器 (Hz)	最大加速度	最小加速度
Input1(t)	1533.33	0.47	4.35	5000.00	1533.33	-52.10



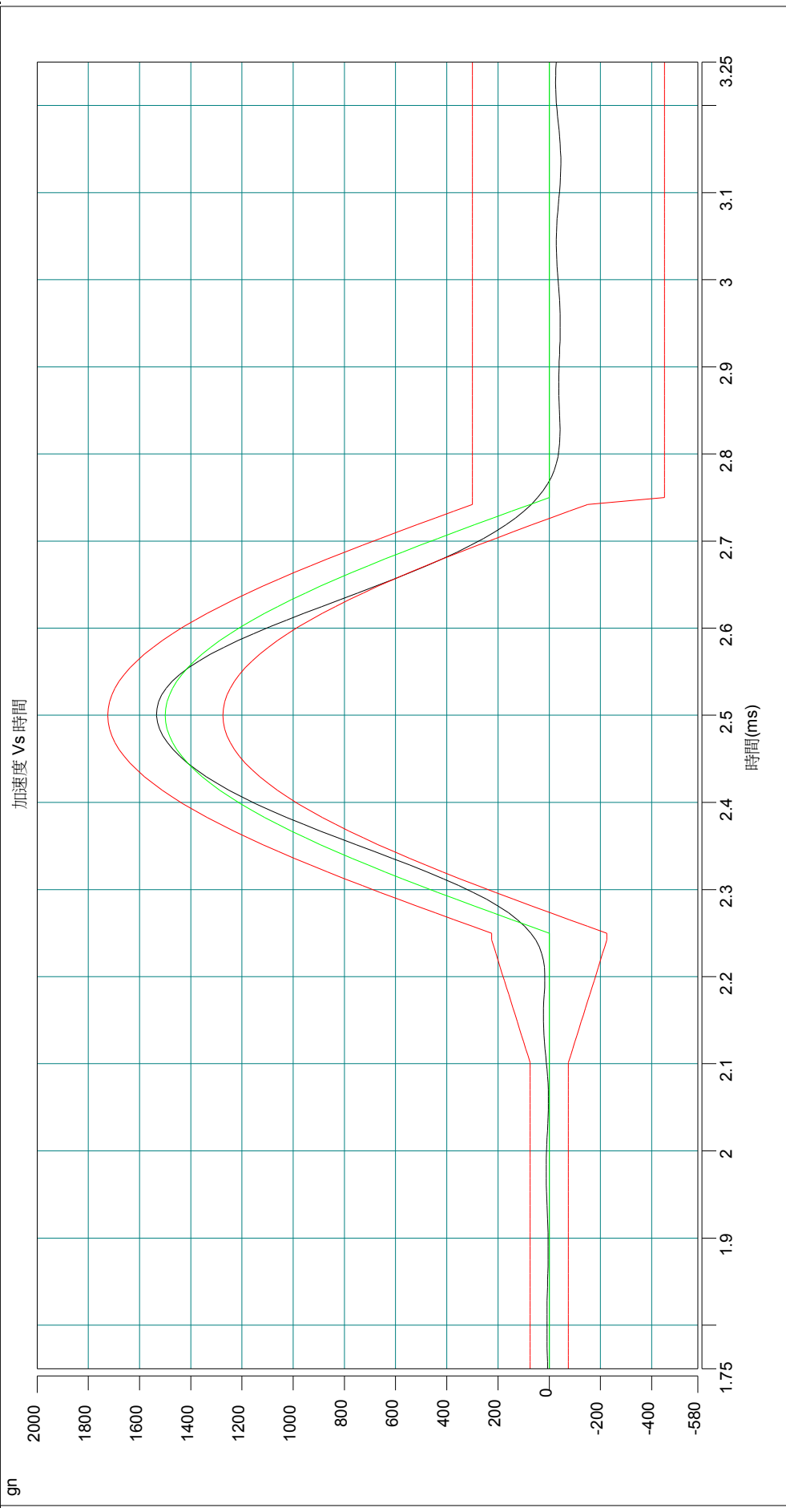
Axis Z

信號名稱	加速度 (gn)	時域 (ms)	速度變化率 (m/s)	低通濾波器 (Hz)	最大加速度	最小加速度
Input1(t)	1544.82	0.47	4.35	5000.00	1544.82	-46.85

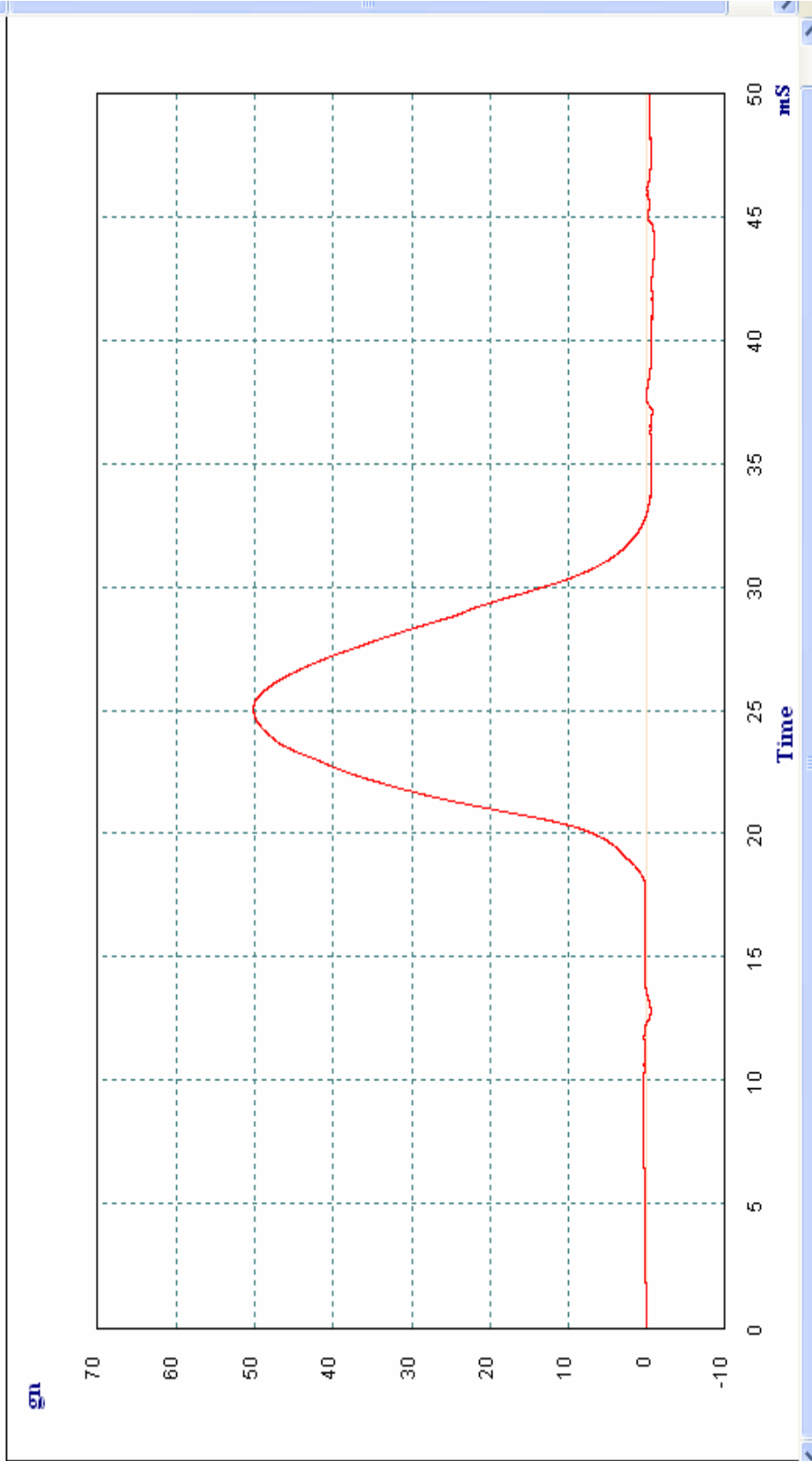


Axis -Z

信號名稱	加速度 (gn)	時域 (ms)	速度變化率 (m/s)	低通濾波器 (Hz)	最大加速度	最小加速度
Input1(t)	1534.23	0.47	4.32	5000.00	1534.23	-45.25

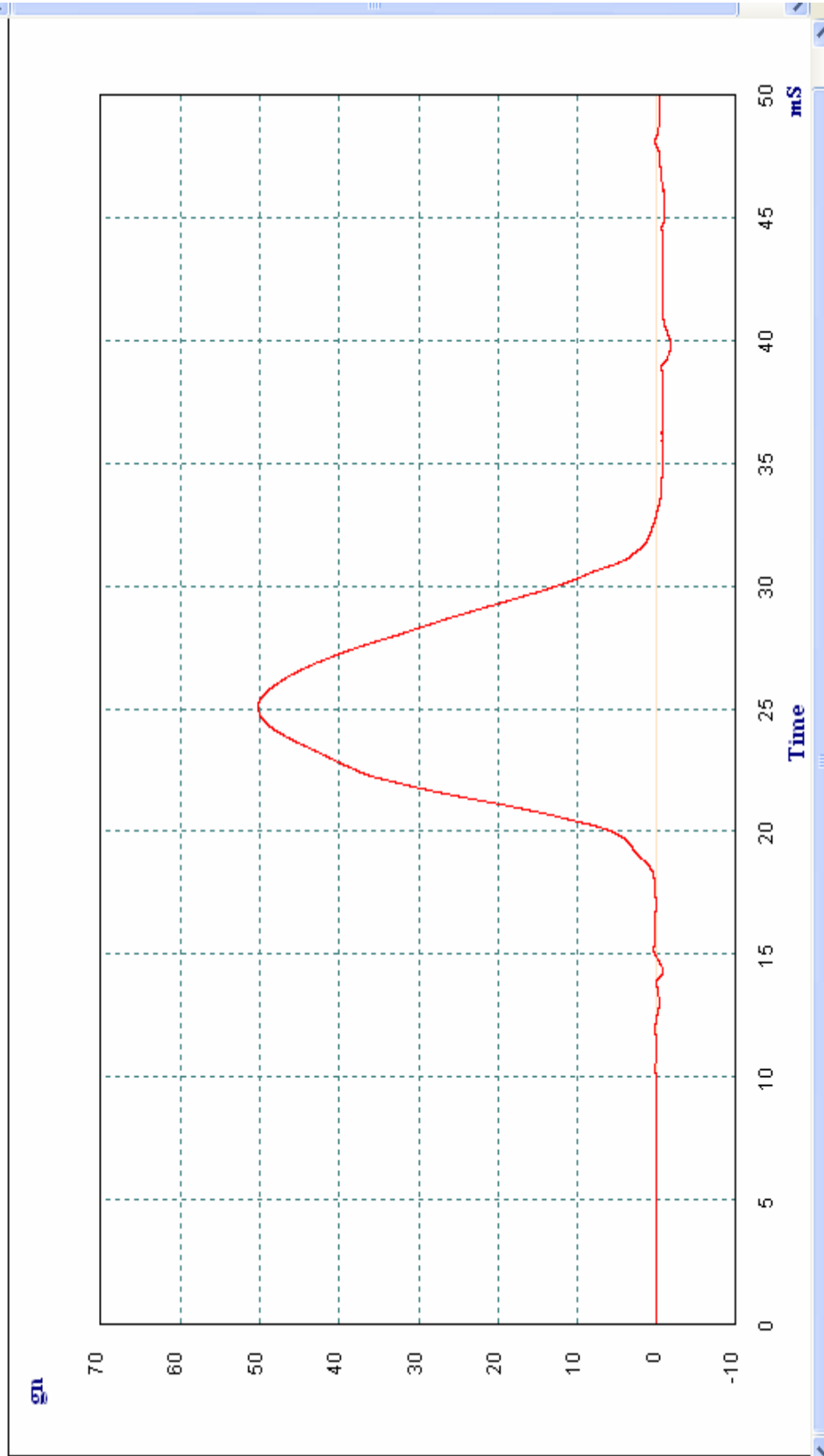


COMPANY : King Design Industrial Co., Ltd. MODEL : Au-Table S/N : A973L716
 SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 232 mm CYCLE OF TEST : 3/3
 Testing at : 2010-4-07 下午 04-40-23 23 Data saved at : 2010-4-07 下午 04-40-23 23



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis X	50.3	11.35	141.7	500

COMPANY : King Design Industrial Co., Ltd. MODEL : Au-Table S/N : A973L716
 SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 232 mm CYCLE OF TEST : 3/3
 Testing at : 2010-4-07 下午 04-55-42 42 Data saved at : 2010-4-07 下午 04-55-42 42

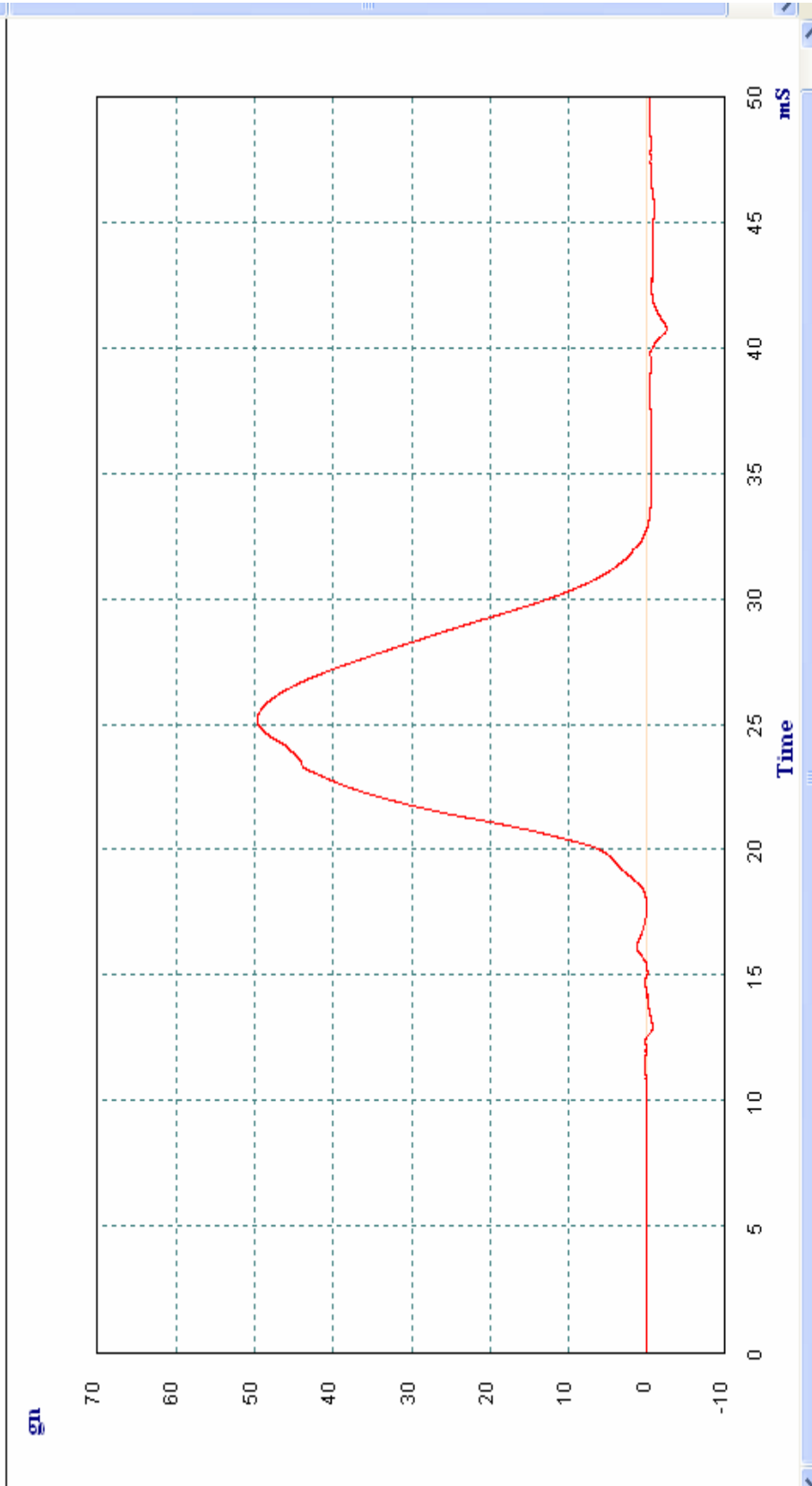


	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -X	50.3	11.01	138.7	500

COMPANY : King Design Industrial Co., Ltd. MODEL : Au-Table S/N : A973L716

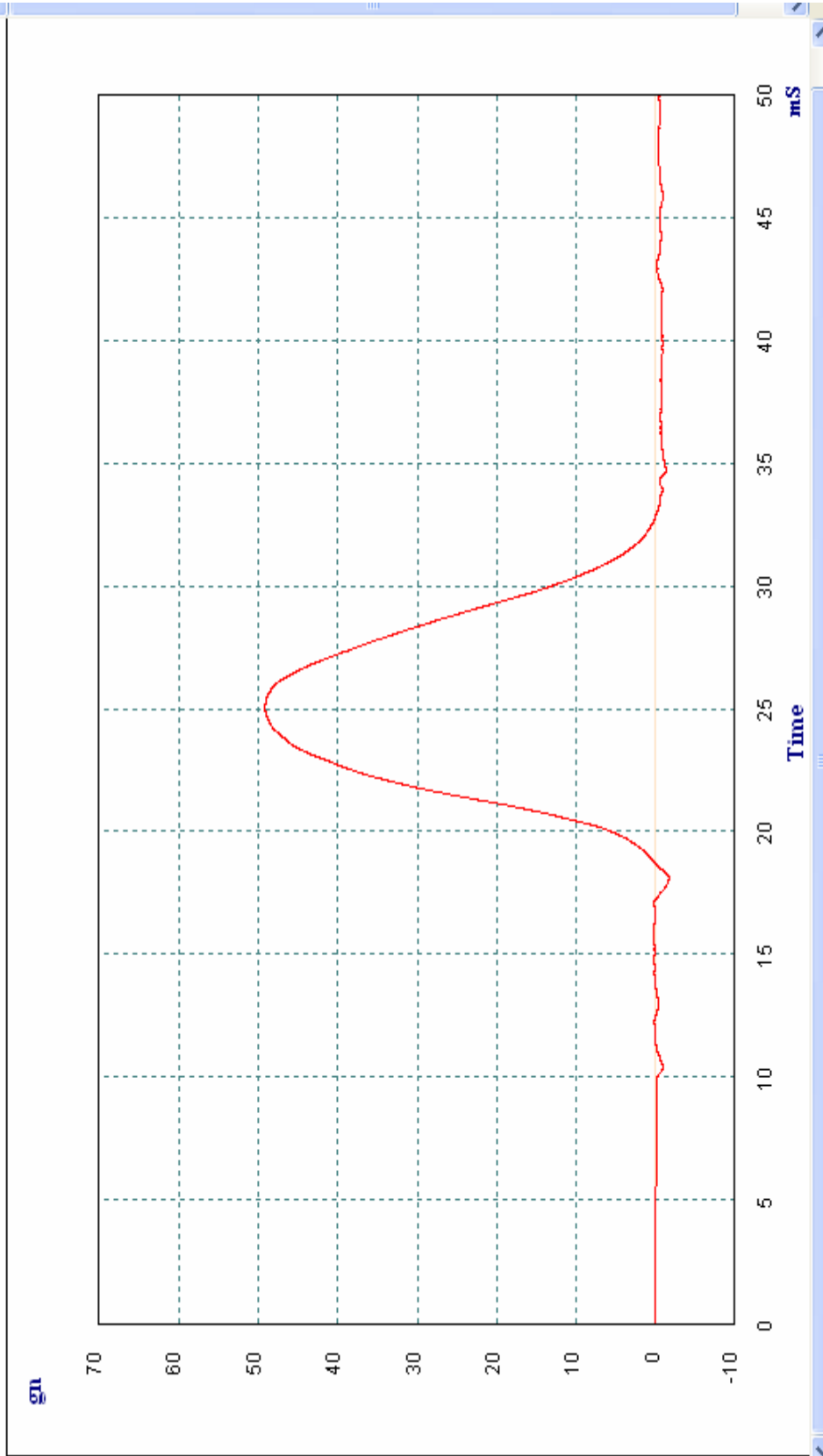
SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 232 mm CYCLE OF TEST : 3/3

Testing at : 2010-04-07 下午 05-10-58 58 Data saved at : 2010-04-07 下午 05-10-59 59



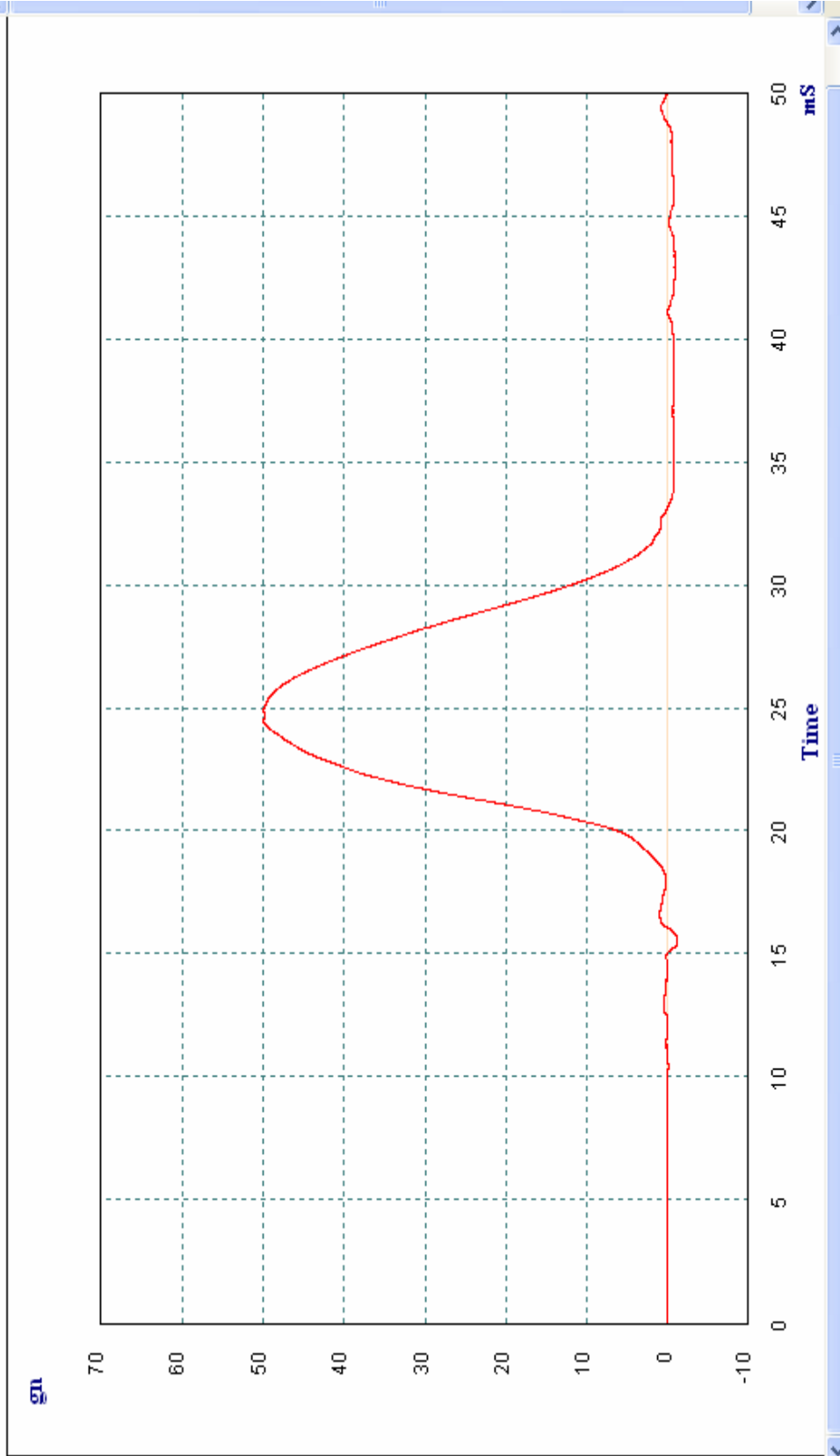
	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Y	49.8	11.44	139.2	500

COMPANY : King Design Industrial Co., Ltd. MODEL : Au-Table S/N : A973L716
 SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 232 mm CYCLE OF TEST : 3/3
 Testing at : 2010-04-07 下午 05-15-03 03 Data saved at : 2010-04-07 下午 05-15-03 03



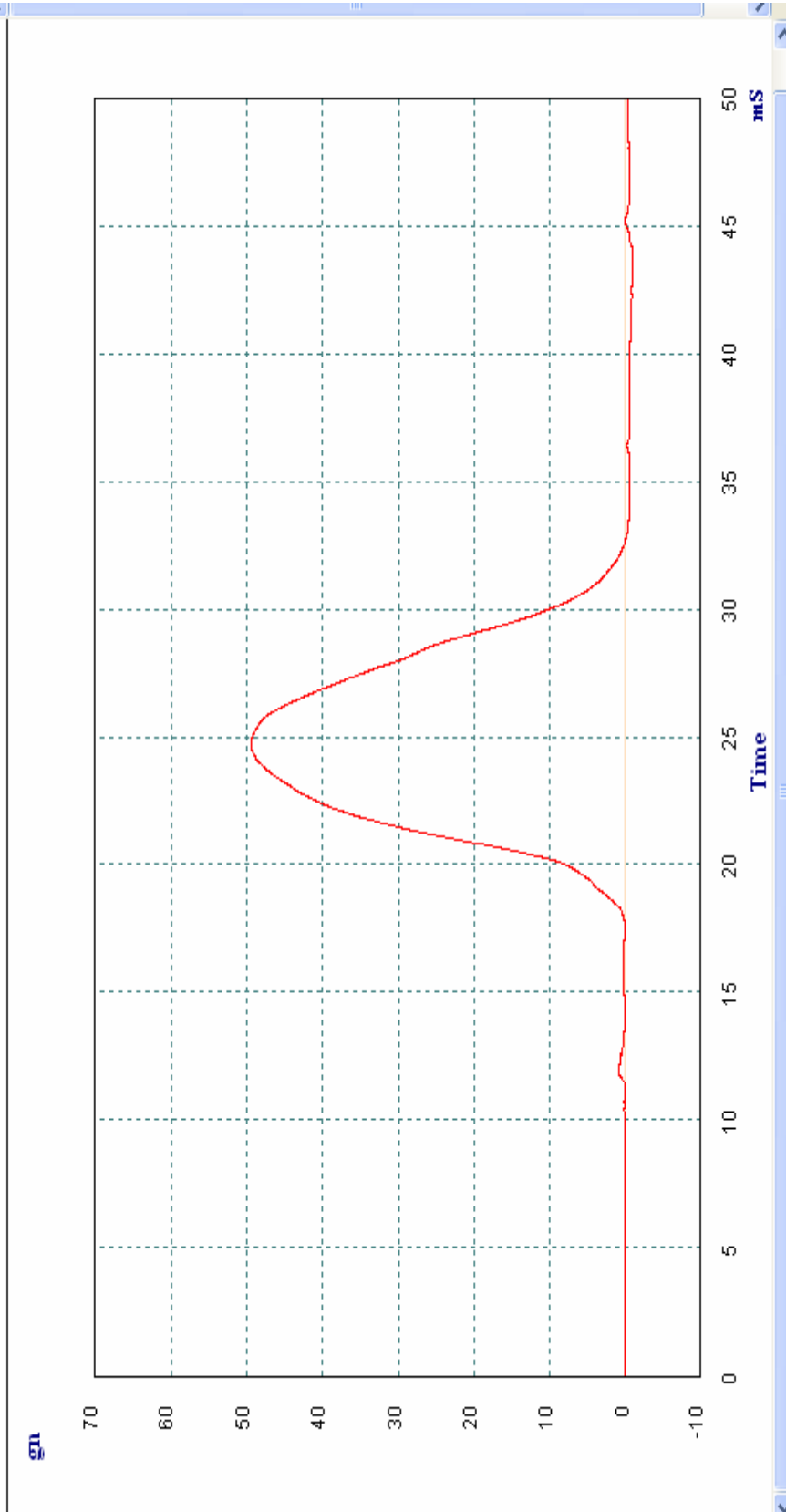
	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -Y	49.1	11.12	140.7	500

COMPANY : King Design Industrial Co., Ltd. MODEL : Au-Table S/N : A973L716
 SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 232 mm CYCLE OF TEST : 3/3
 Testing at : 2010-04-07 下午 05-23-10 10 Data saved at : 2010-4-07 下午 05-23-11 11



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Z	50.0	11.11	139.7	500

COMPANY : King Design Industrial Co., Ltd. MODEL : Au-Table S/N : A973L716
 SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 232 mm CYCLE OF TEST : 3/3
 Testing at : 2010-04-07 下午 05-56-08 08 Data saved at : 2010-04-07 下午 05-56-08 08



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis-Z	49.7	11.11	139.1	500

-END-