

TESTING / INSPECTION REPORT

REPORT NO : ST-080221-1

COMPANY : Apacer Technology Inc.

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SPECIMEN : ATA Disk Module

DATE OF RECEIVED : 2008/01/31

DATE OF TESTED : 2008/01/31

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

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

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TEST ENVIRONMENT :

- 1.Shock Testing System : KD-DP-1200-60, S/N:KDS11054983
2.Controller : KD-1200-03C, S/N:KD674
3.Accelerometer : B&K 4398, S/N:2209044
4.Measuring Accelerometer : KISTLER 8734 A500 S/N: C128219

TEST ENVIRONMENT :

- Temperature : 19.3°C (25±10°C)
Relative Humidity : 73% RH (60±20% RH)

SPECIMEN :

- Model : ADM III
Quantity : 2 pieces

TEST SPECIFICATION :

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






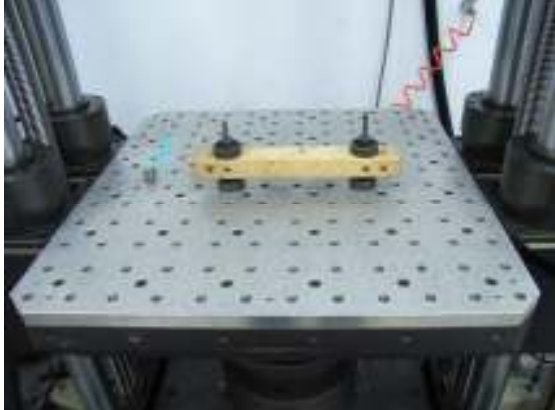
TEST RESULT :

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

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

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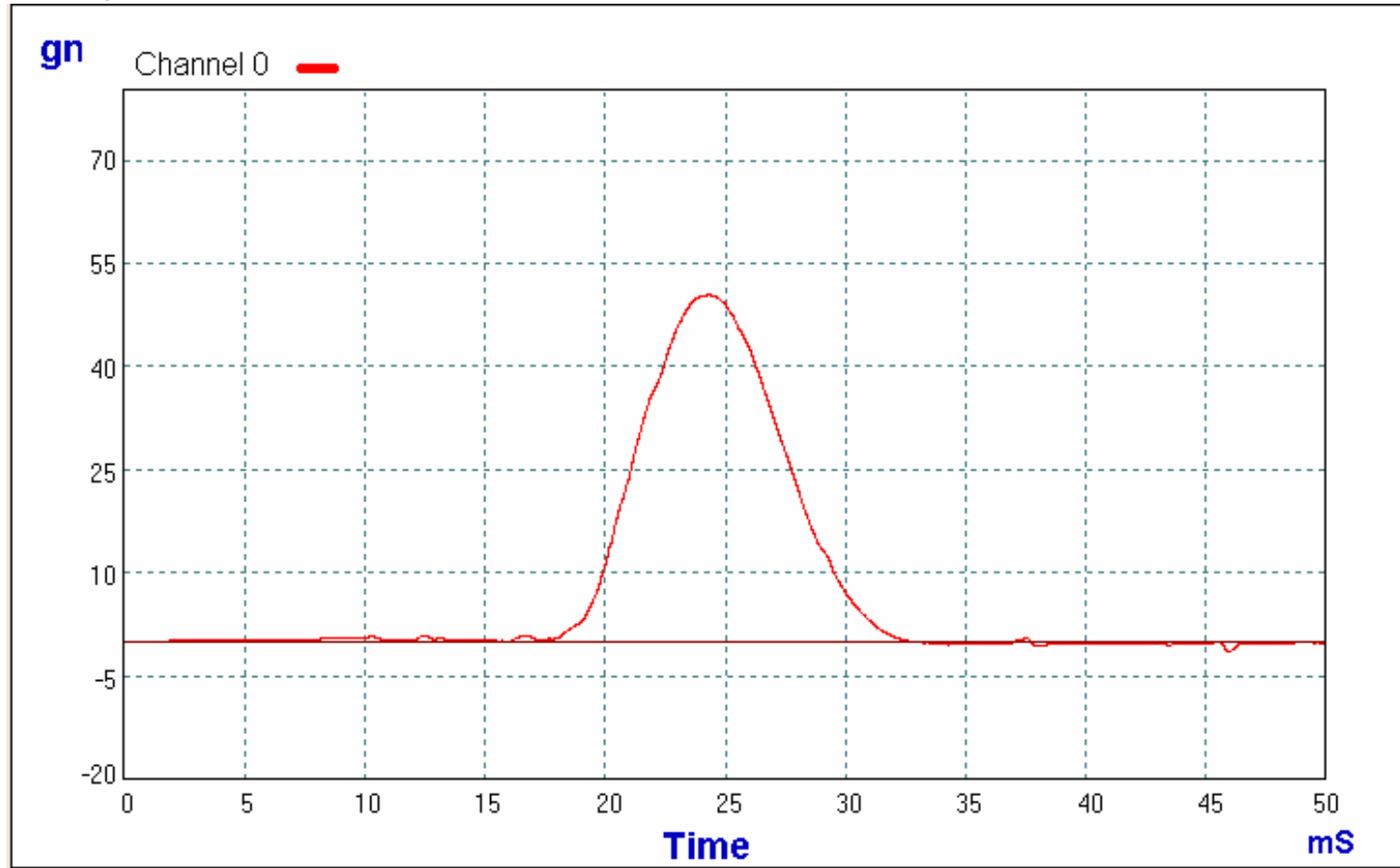
Testing photos

After test



SHOCK TEST SPECIFICATION : 50 g 11 mS HEIGHT : 234 mm CYCLE OF TEST : 3/3

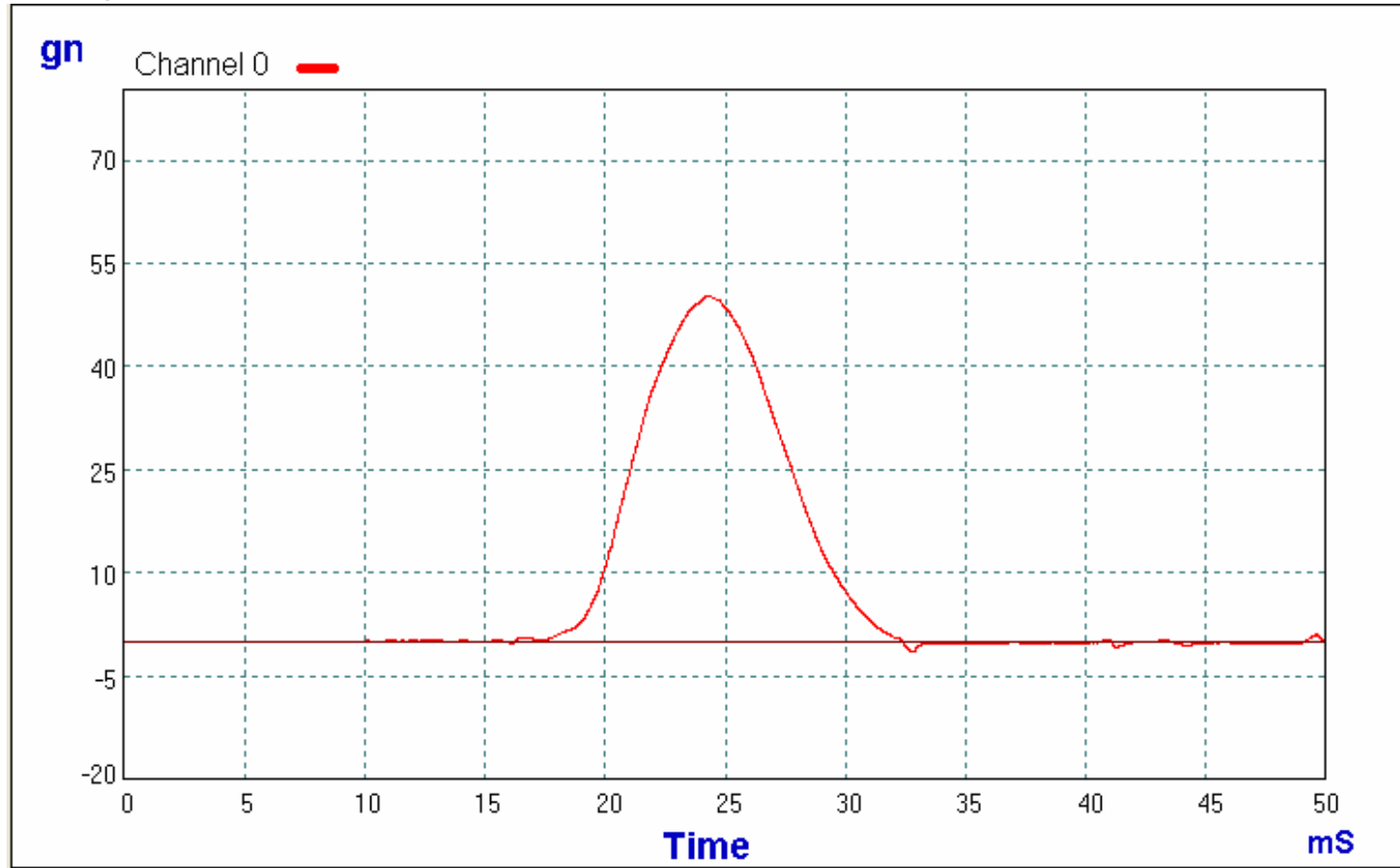
Testing at : 2008-1-31 上午 09-20-35 35 Data saved at : 2008-1-31 上午 09-20-35 35



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis X (Ch 0)	50.45	11.08	3.329	500

SHOCK TEST SPECIFICATION : 50 g 11 mS HEIGHT : 235 mm CYCLE OF TEST : 3/3

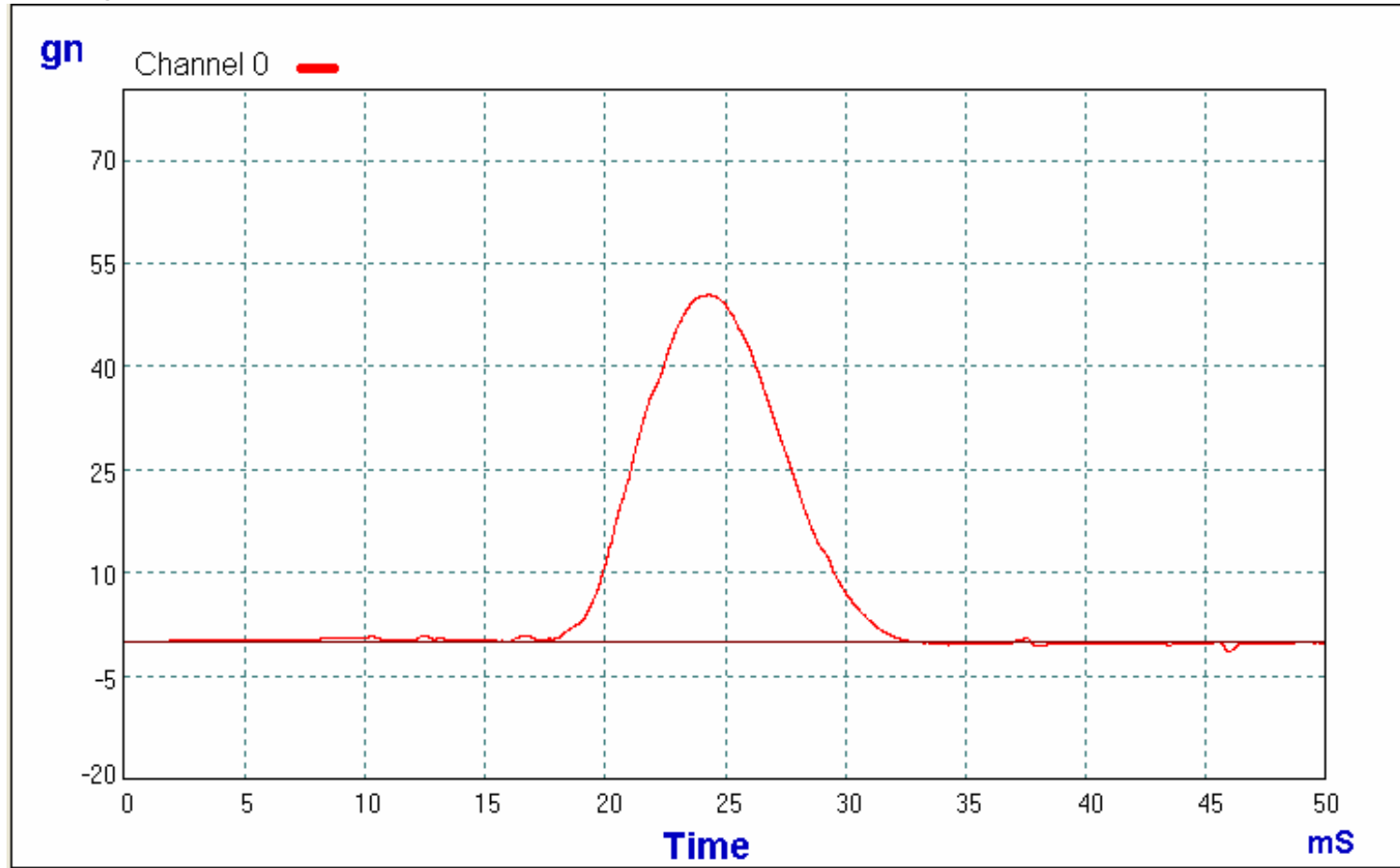
Testing at : 2008-1-31 上午 09-26-04 04 Data saved at : 2008-1-31 上午 09-26-04 04



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -X (Ch 0)	50.33	11.10	3.320	500

SHOCK TEST SPECIFICATION : 50 g 11 mS HEIGHT : 242 mm CYCLE OF TEST : 3/3

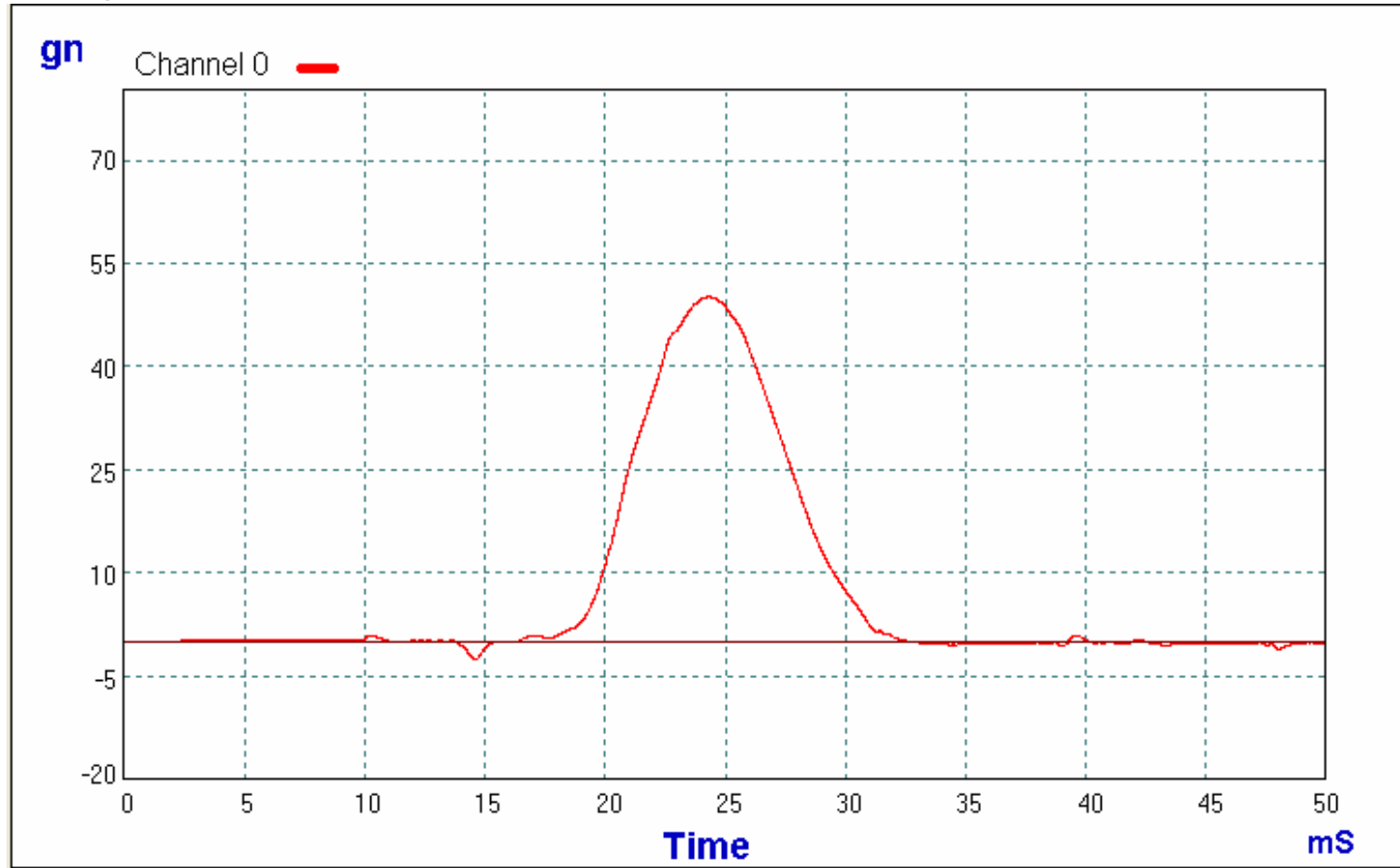
Testing at : 2008-1-31 上午 11-10-31 31 Data saved at : 2008-1-31 上午 11-10-31 31



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Y (Ch 0)	50.02	11.21	3.347	500

SHOCK TEST SPECIFICATION : 50 g 11 mS HEIGHT : 237 mm CYCLE OF TEST : 3/3

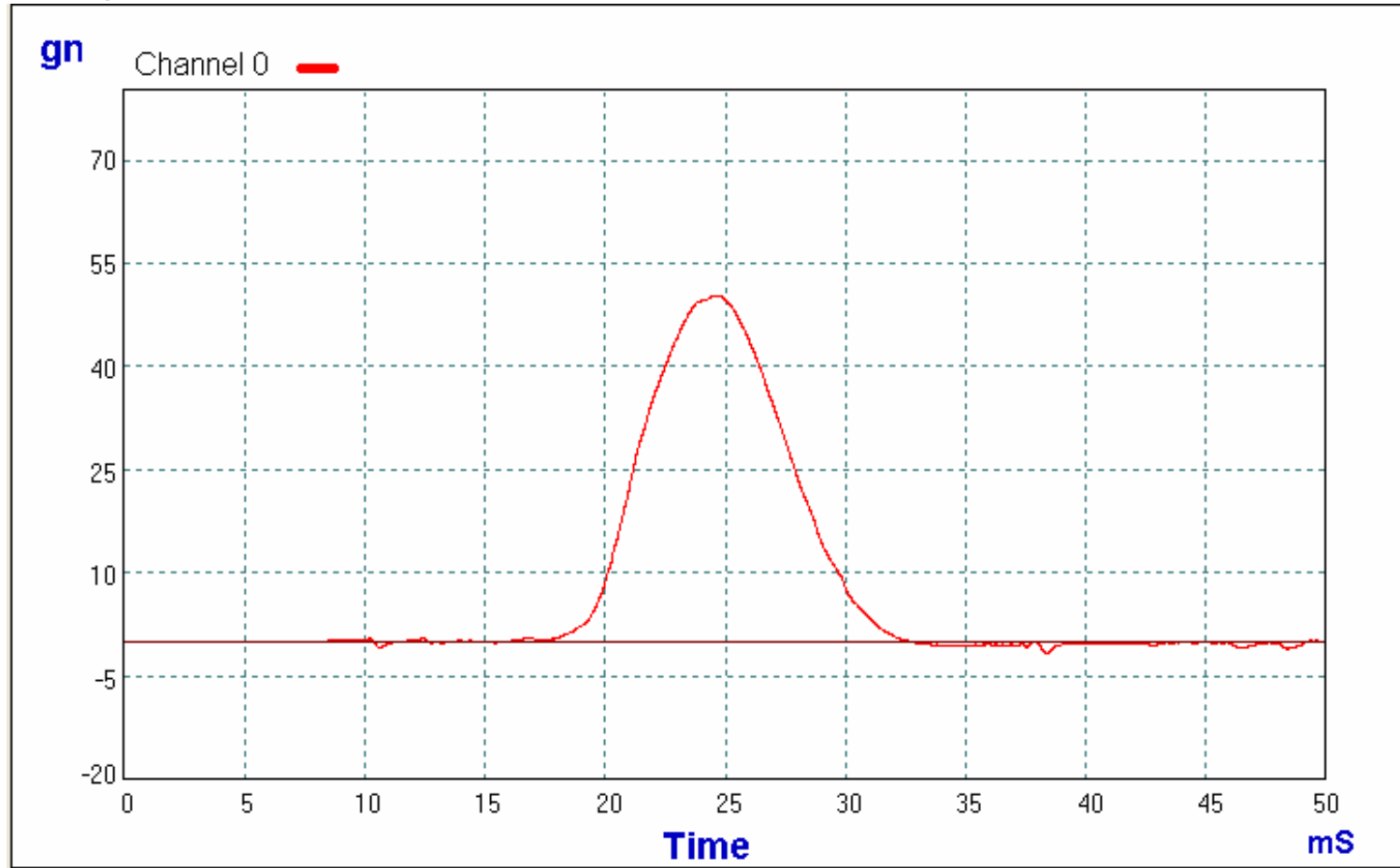
Testing at : 2008-1-31 上午 09-31-54 54 Data saved at : 2008-1-31 上午 09-31-55 55



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -Y (Ch 0)	50.22	11.15	3.325	500

SHOCK TEST SPECIFICATION : 50 g 11 mS HEIGHT : 237 mm CYCLE OF TEST : 3/3

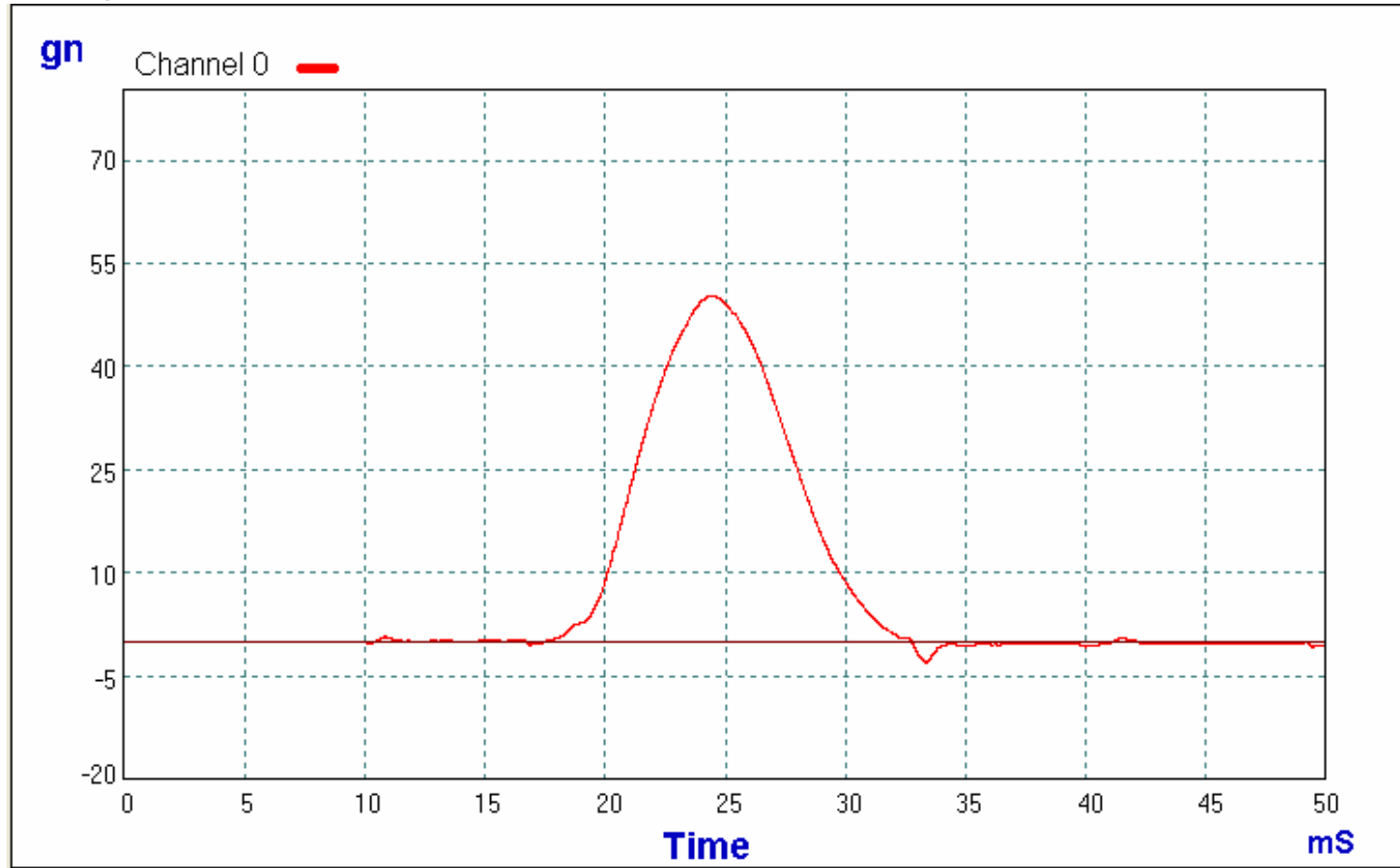
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	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Z (Ch 0)	50.34	10.95	3.322	500

SHOCK TEST SPECIFICATION : 50 g 11 mS HEIGHT : 242 mm CYCLE OF TEST : 3/3

Testing at : 2008-1-31 上午 11-06-55 55 Data saved at : 2008-1-31 上午 11-06-55 55



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -Z (Ch 0)	50.27	11.18	3.347	500