

TESTING / INSPECTION REPORT

REPORT NO : ST-110222-1

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SPECIMEN : GCS-1500i(with 2.5" HDD)
DATE OF RECEIVED : 2011/02/22
DATE OF TESTED : 2011/02/22

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>Jason Chen</i>	
Approval Signatory :	<i>David Lee</i>	Laboratory Head :
<i>2011.2.24</i>	<i>Kevin Tai</i>	<i>Chang</i>



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TESTING EQUIPMENT :

1. Shock Testing System : KING DESIGN DP-1200-60, S/N: R2110086489
2. Controller : KING DESIGN KD-1200-03C, S/N:KD674
3. Accelerometer : B&K 4398, S/N:2209044

TEST ENVIRONMENT :

- Temperature : 22.3°C (25±10°C)
 Relative Humidity : 64.2%RH (60±20% RH)

SPECIMEN :

- Model : GCS-1500i(with 2.5" HDD)
 Quantity : 1 piece

TEST SPECIFICATION :

- Shock Test (Operation)
 Wave Form : Half Sine Wave
 Acceleration : 30 g
 Duration : 11 mS
 Shock Direction : ±X, ±Y, ±Z axis
 No. of Shock : Each axis 3 times

TEST RESULT :

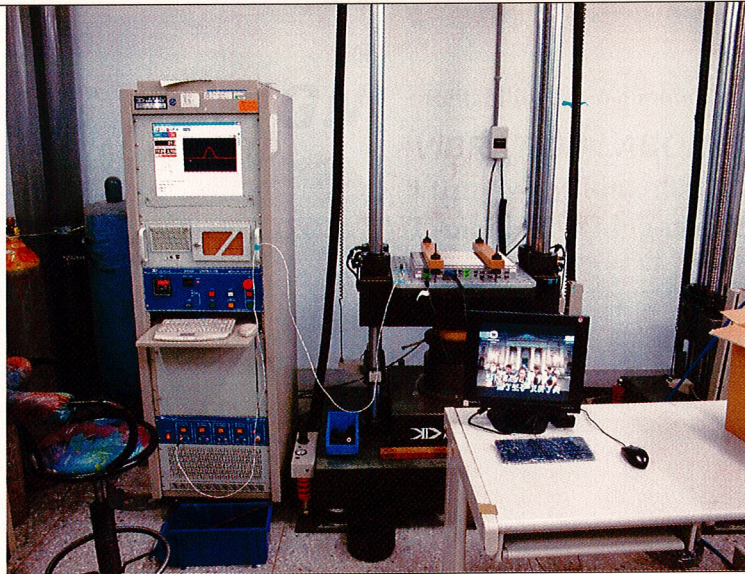
Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

This test unit can not power on after testing.
 When changing the PSU, this test unit runs well again.

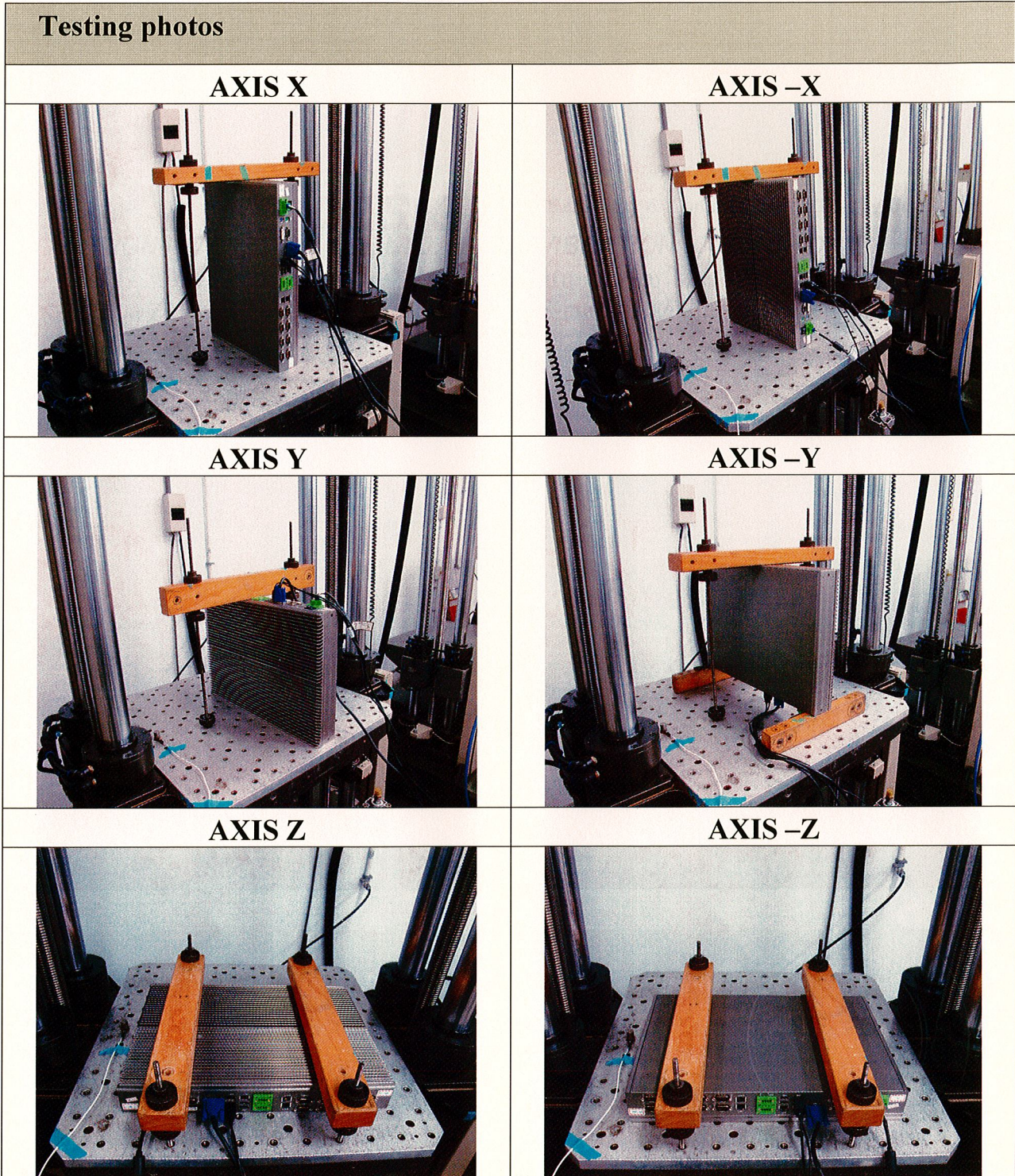
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Testing photos

Before Test



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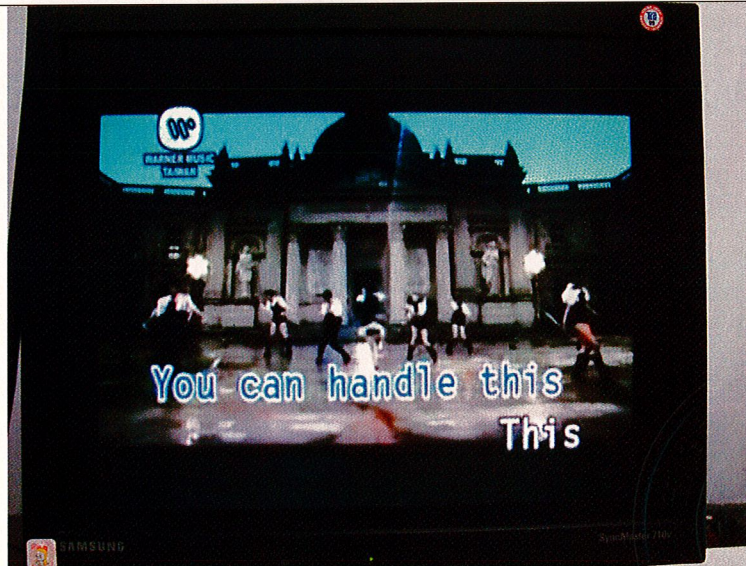
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Testing photos

After Test-1

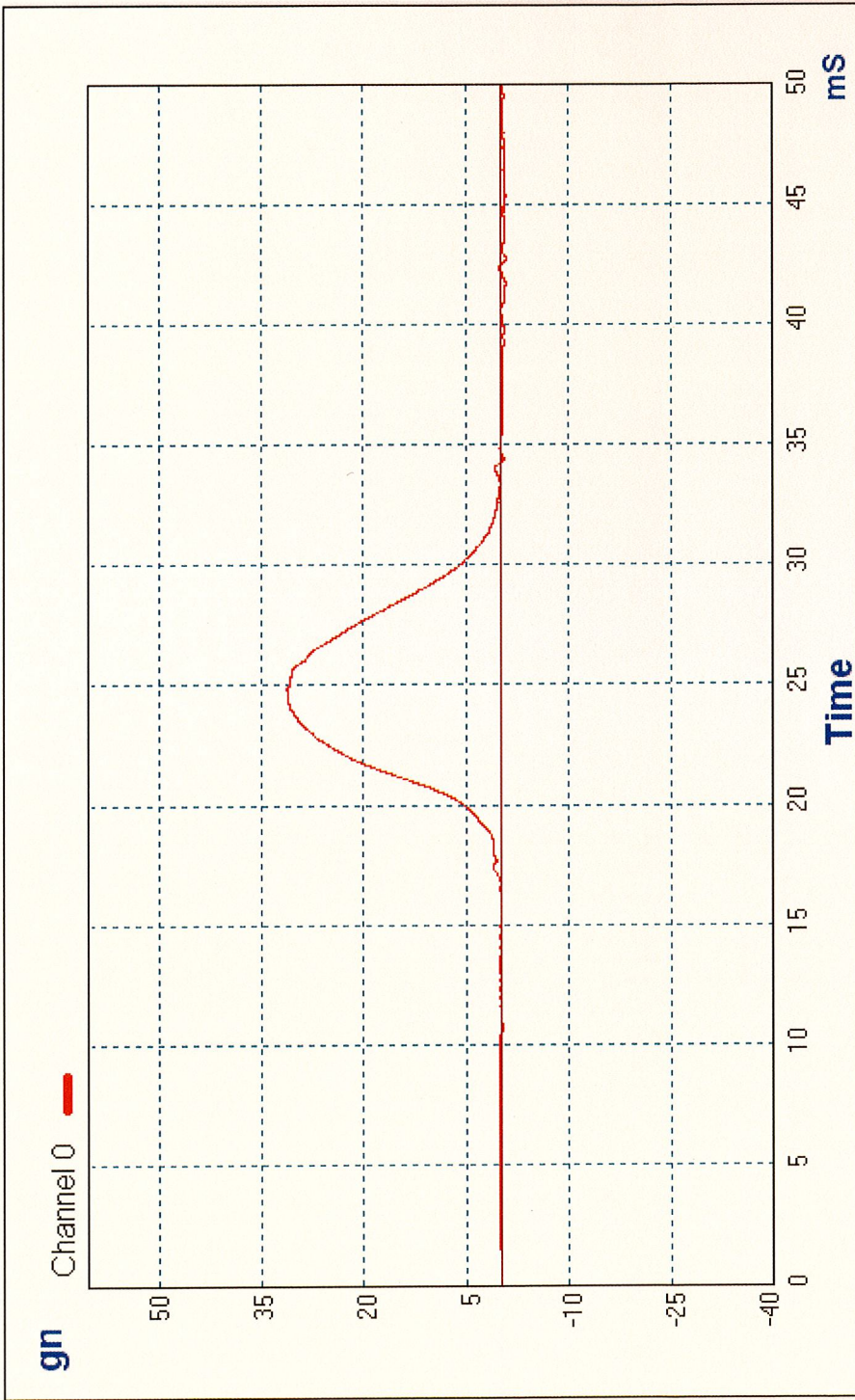


After Test-2





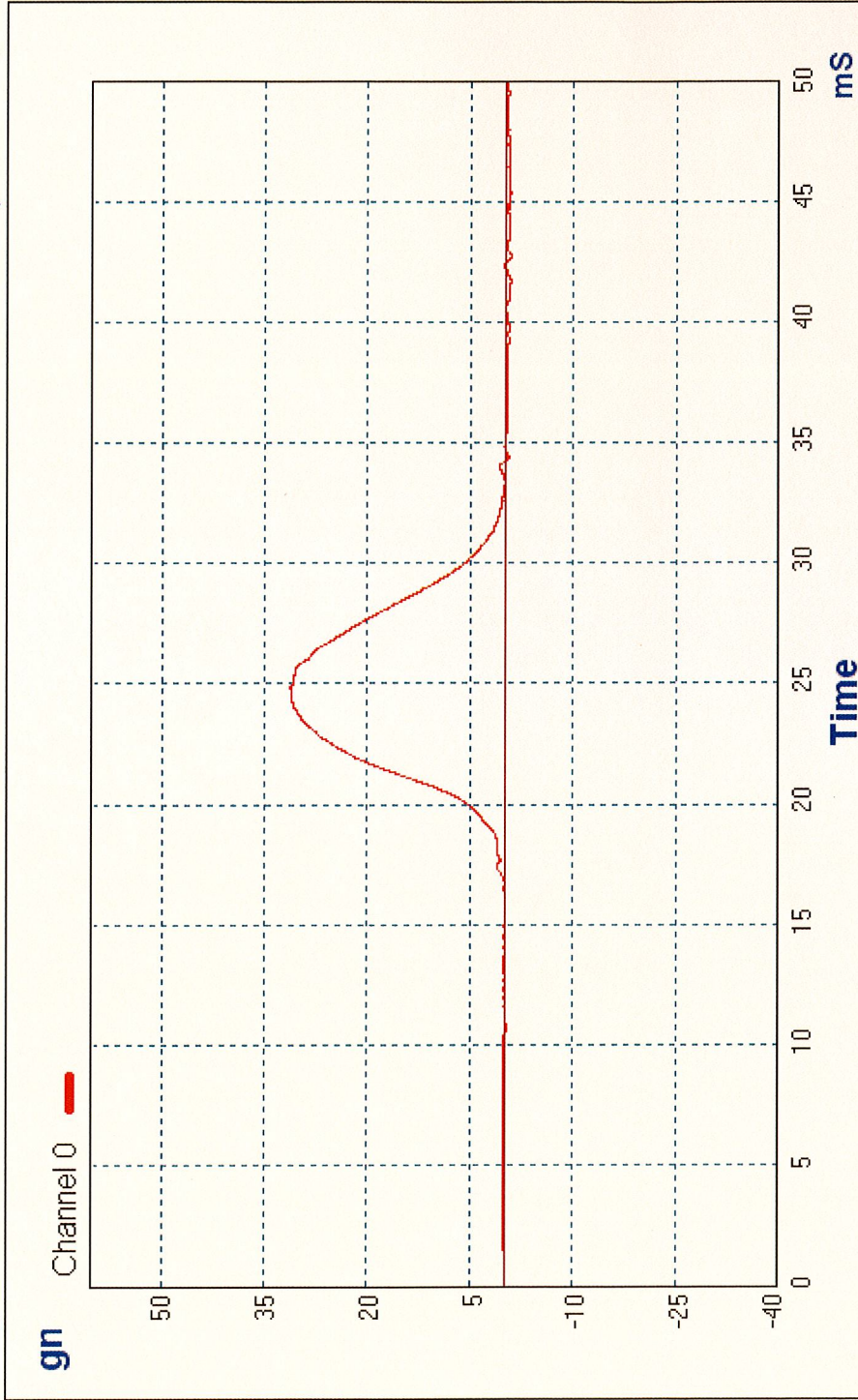
SHOCK TEST SPECIFICATION : 30 g 11 ms HEIGHT : 88 mm CYCLE OF TEST : 3/3
Testing at : 2011-2-22 上午 10-35-12 12 Data saved at : 2011-2-22 上午 10-35-12 12



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis X	31.25	11.45	2.181	500



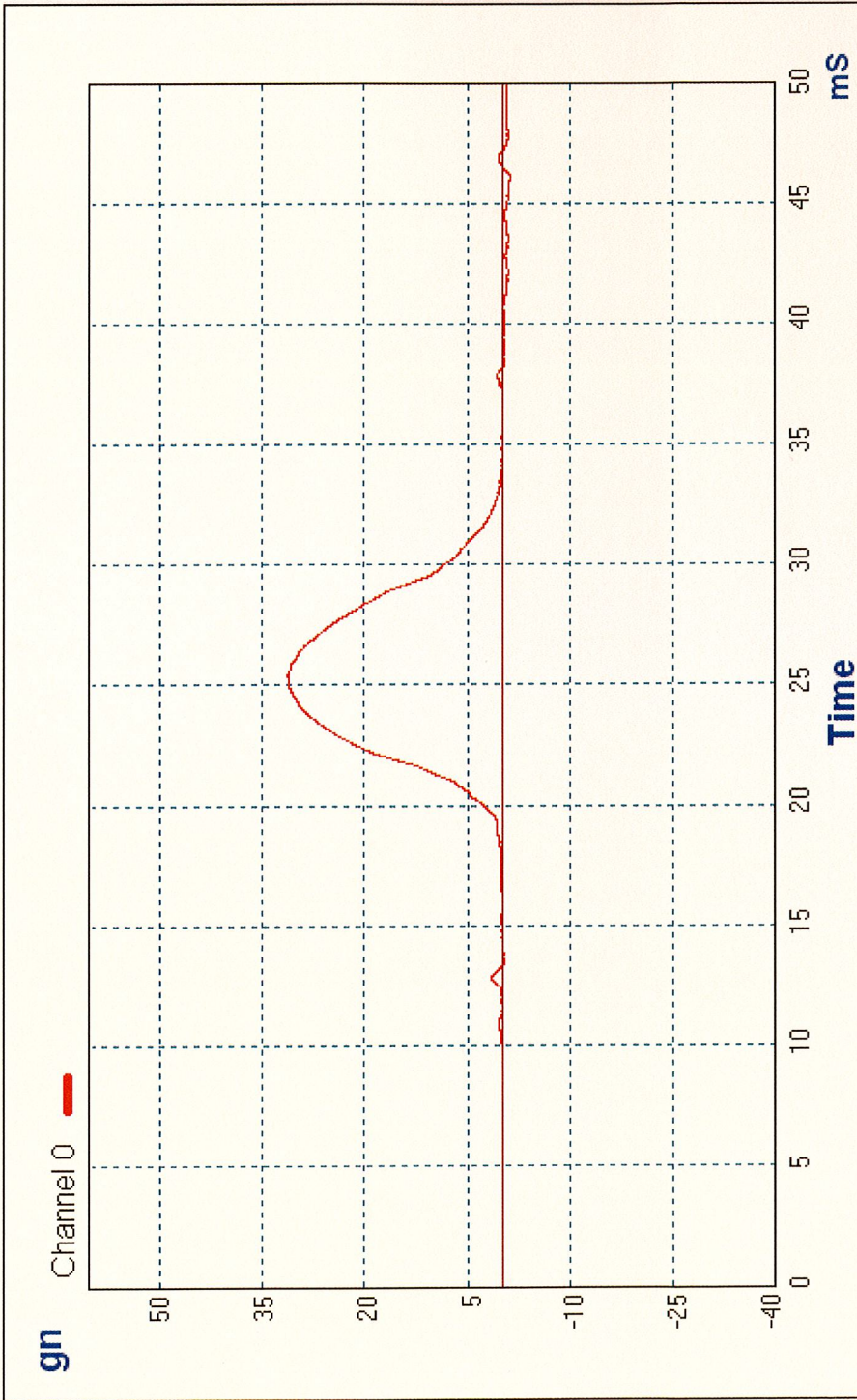
SHOCK TEST SPECIFICATION : 30 g 11 mS HEIGHT : 88 mm CYCLE OF TEST : 3/3
Testing at : 2011-2-22 上午 10-37-45 45 Data saved at : 2011-2-22 上午 10-37-45 45



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis -X	31.49	11.49	2.166	500



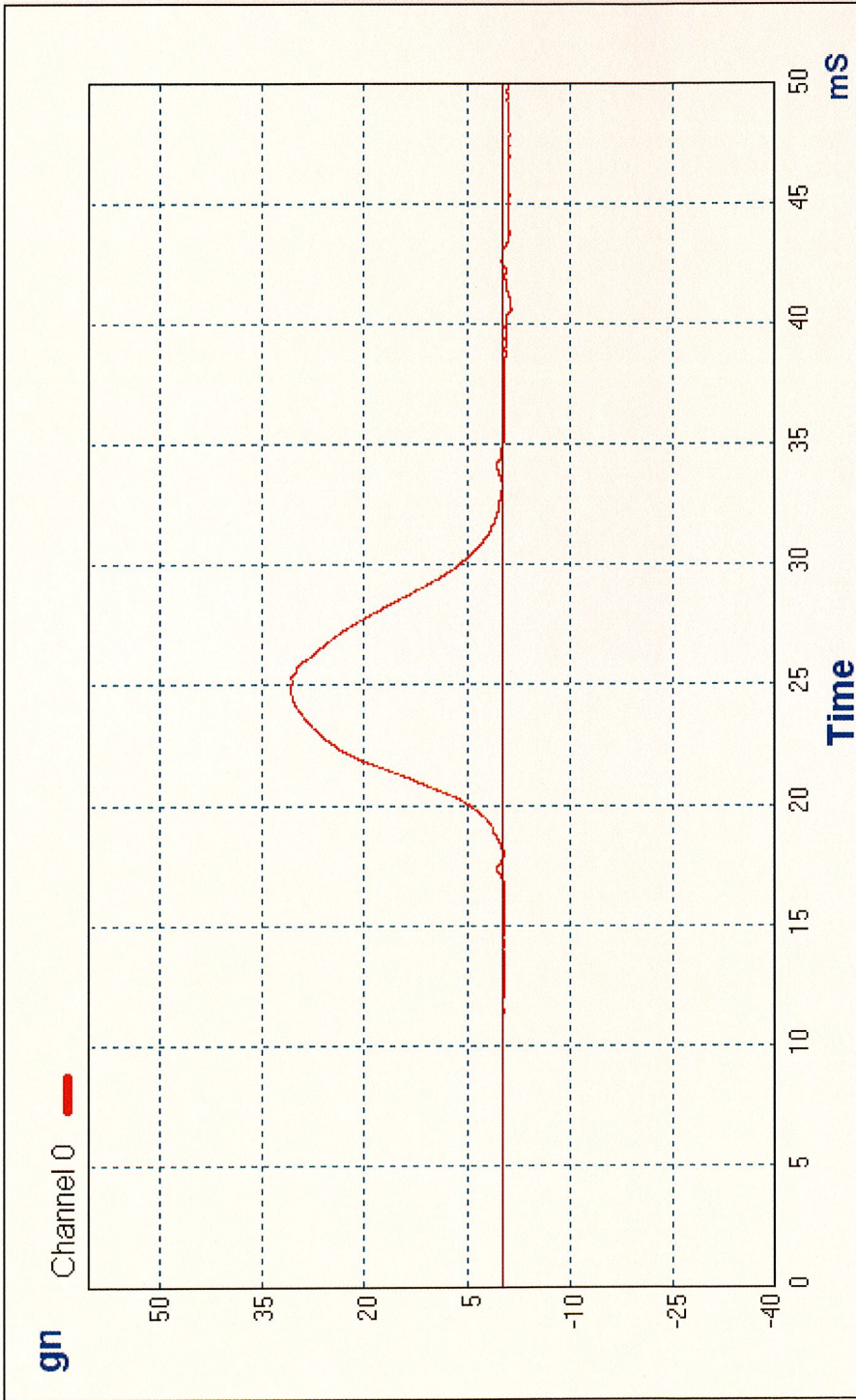
SHOCK TEST SPECIFICATION : 30 g 11 mS HEIGHT : 88 mm CYCLE OF TEST : 3/3
Testing at : 2011-2-22 上午 10-42-36 36 Data saved at : 2011-2-22 上午 10-42-36 36



	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
Axis Y	31.21	11.40	2.161	500



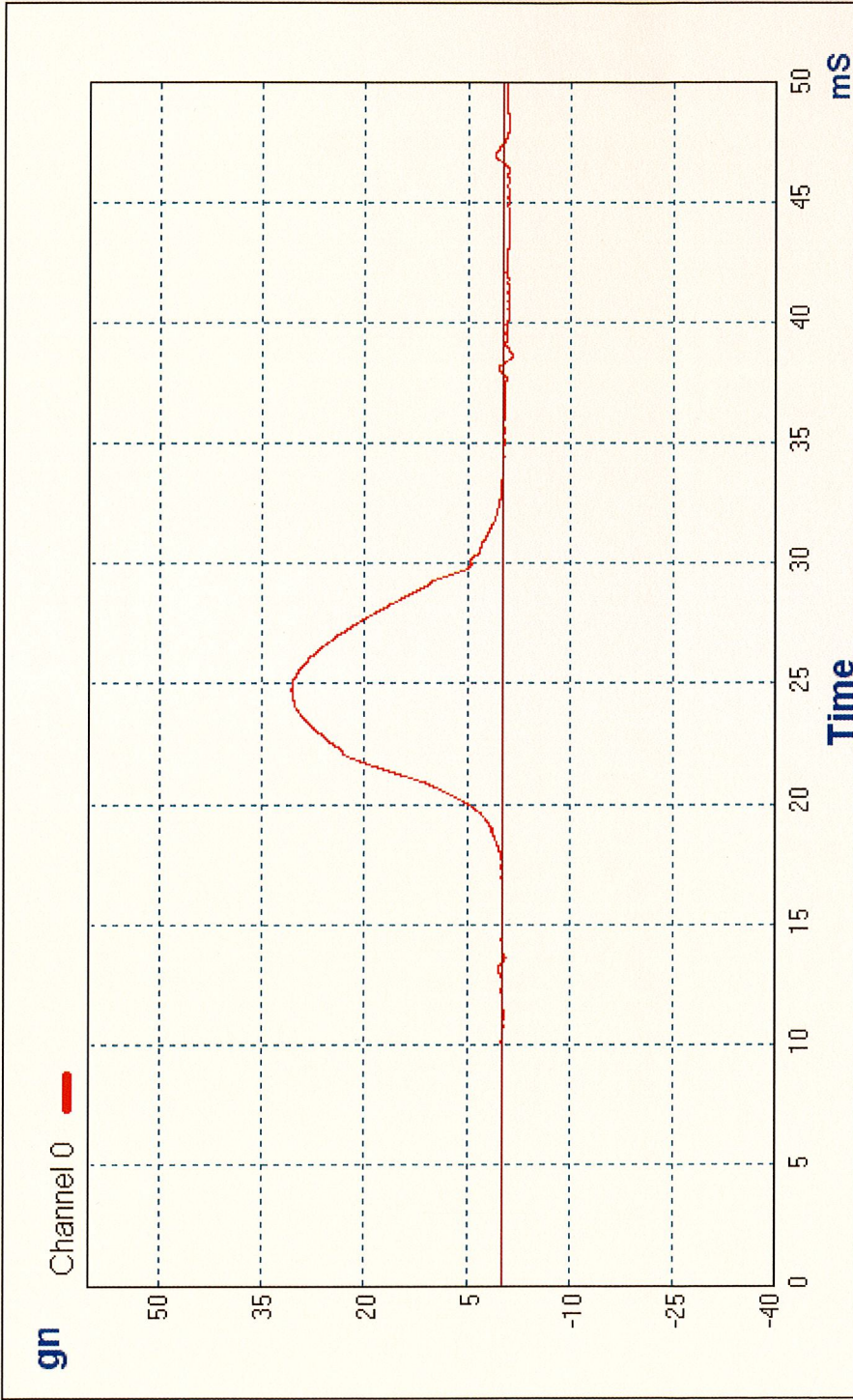
SHOCK TEST SPECIFICATION : 30 g 11 ms HEIGHT : 88 mm CYCLE OF TEST : 3/3
Testing at : 2011-2-22 上午 10-46-05 05 Data saved at : 2011-2-22 上午 10-46-05 05



Axis -Y	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	30.85	11.22	2.146	500



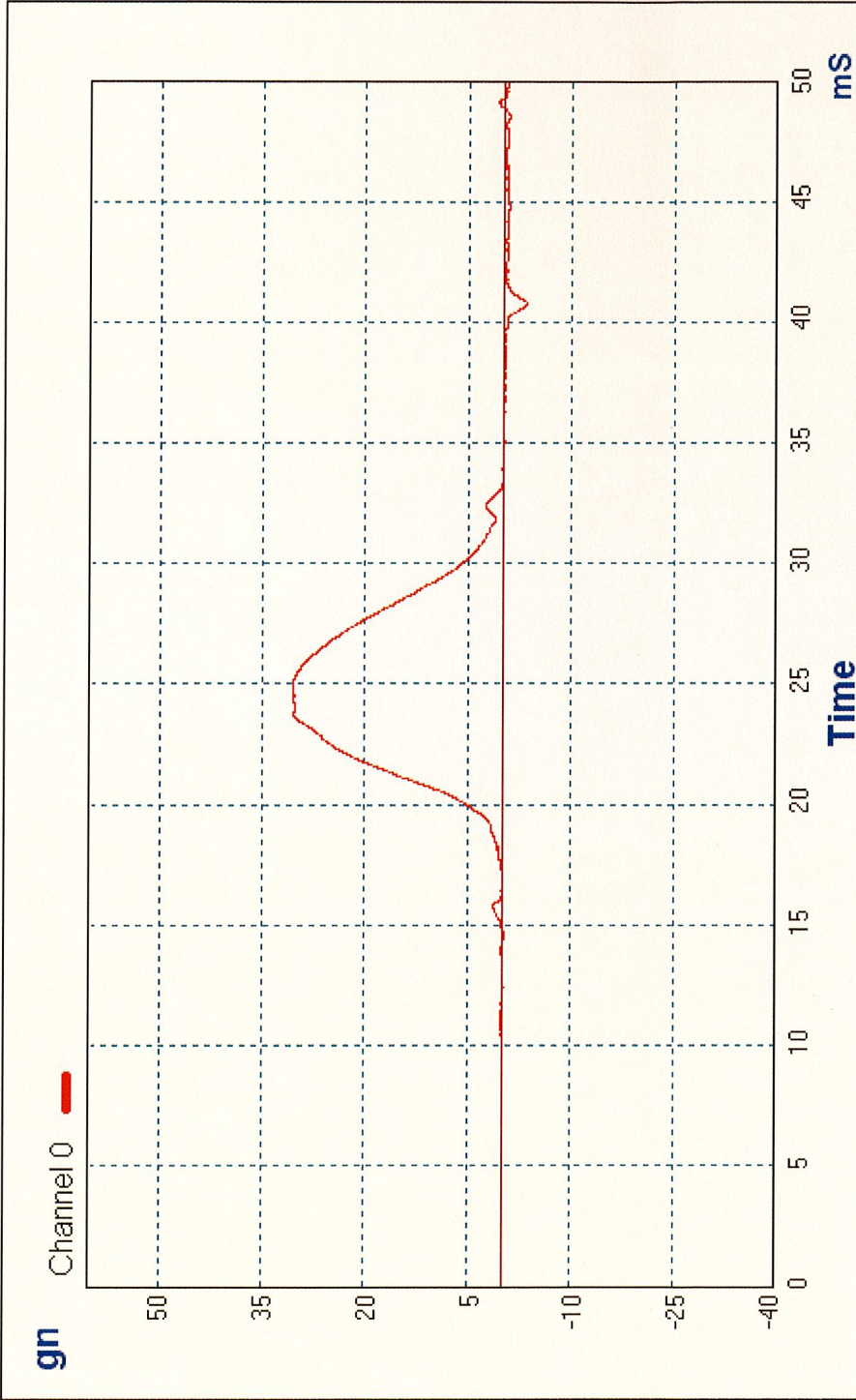
SHOCK TEST SPECIFICATION : 30 g 11 ms HEIGHT : 88 mm CYCLE OF TEST : 3/3
 Testing at : 2011-2-22 上午 10-25-39 39 Data saved at : 2011-2-22 上午 10-25-39 39



Axis Z	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	30.69	11.09	2.131	500



SHOCK TEST SPECIFICATION : 30 g 11 ms HEIGHT : 88 mm CYCLE OF TEST : 3/3
 Testing at : 2011-2-22 上午 10-29-17 17 Data saved at : 2011-2-22 上午 10-29-17 17



Axis -Z	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
	30.57	11.22	2.156	500

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