TESTING / INSPECTION REPORT

DATE：July 17, 2000
REPORT NO：ST-000717-8

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SPECIMEN：Control Boxes & Chassis

TEST / INSPECTION ITEMS：Shock Test (See Page 2)

REMARKS：
● The results only apply to the device under test.
● This report is 9 pages, and no part of it may be abstracted or reproduced.
● Attached pages are controlling pulse of shock test.

Test Engineer：*Chiping*	
Approved by：*Dave Lee*	Laboratory Head：2000 1 7 19 Hung

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KD KING DESIGN®

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TESTING EQUIPMENT :

1. Shock Testing System : (KD-DP-1200-60, S/N:KDS11054983)
2. Controller : (KD-1200-03C, S/N:KD674)
3. Accelerometer : (WR-732AT, S/N:871)

TEST ENVIRONMENT :

Temperature : 20± 2℃
Humidity : 70± 20% RH

SPECIMEN :

Model : AMB-2023
Quantity : 1 piece

SHOCK TEST SPECIFICATION :

Wave Form : Half Sine wave
Acceleration : 10 g
Duration Time : 11 ms
No. of Shock : Each axis 3 times
Shock Direction : +X, -X, +Y, -Y, +Z, -Z axis
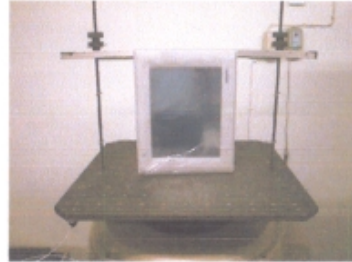
TEST RESULT :

Appearance check : No damage

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Testing photos

AXIS +X

AXIS -X

AXIS +Y

AXIS -Y

AXIS +Z

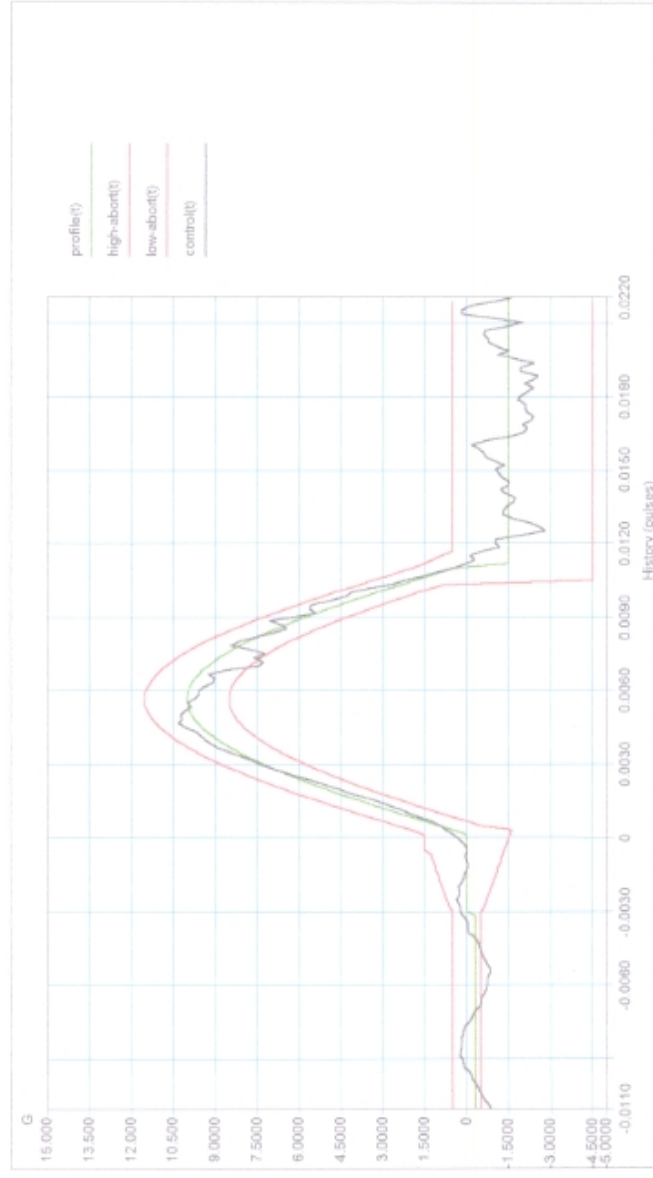AXIS -Z

AMB2023 +X

Project File Name: 研機 10G11ms.prj

Profile Name: 10G 11mSec   Test Type: Classical Shock   Run Folder   :Run Jul 0e,2000 10-08-43
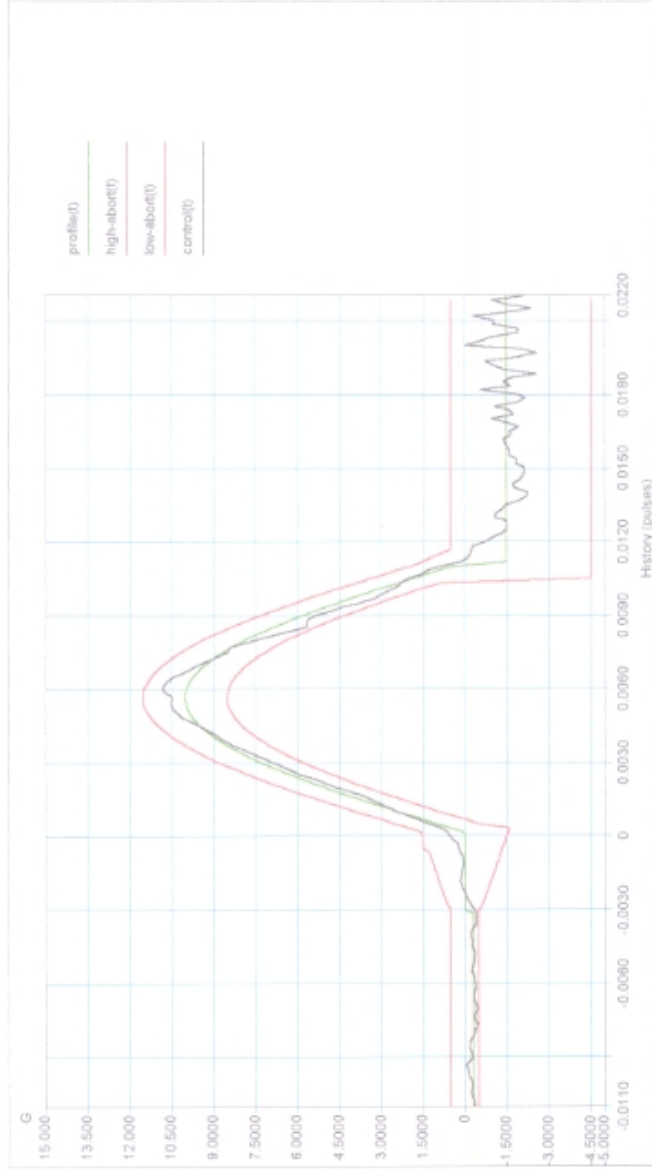

Legend:
- profile(t)
- high-abort(t)
- low-abort(t)
- control(t)

Level:	100 %	Block Size: 4096	Elapsed Pulses: 10		
Frame Time:	0.682667 Seconds	Control Peak:	10.295336 G	Control RMS:	1.078344 G Full Level Elapsed Pulses: 3
dT:	0.000167 Seconds	Demand Peak:	10.000000 G	Demand RMS:	0.997329 G Remaining Pulses: 0
Pulse Type: Half Sine		Amplitude 10.000000 G	Pulse Width:	11.000001 ms	

Data saved at 10:09:08 AM, Thursday, July 06, 2000   Report created at 10:09:32 AM, Thursday, July 6, 2000

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AMB2023-X

Project File Name: FF標 10G11ms.prj

Profile Name: 10G 11mSec   Test Type: Classical Shock   Run Folder: 3Run Jul 06,2000 10-10-26
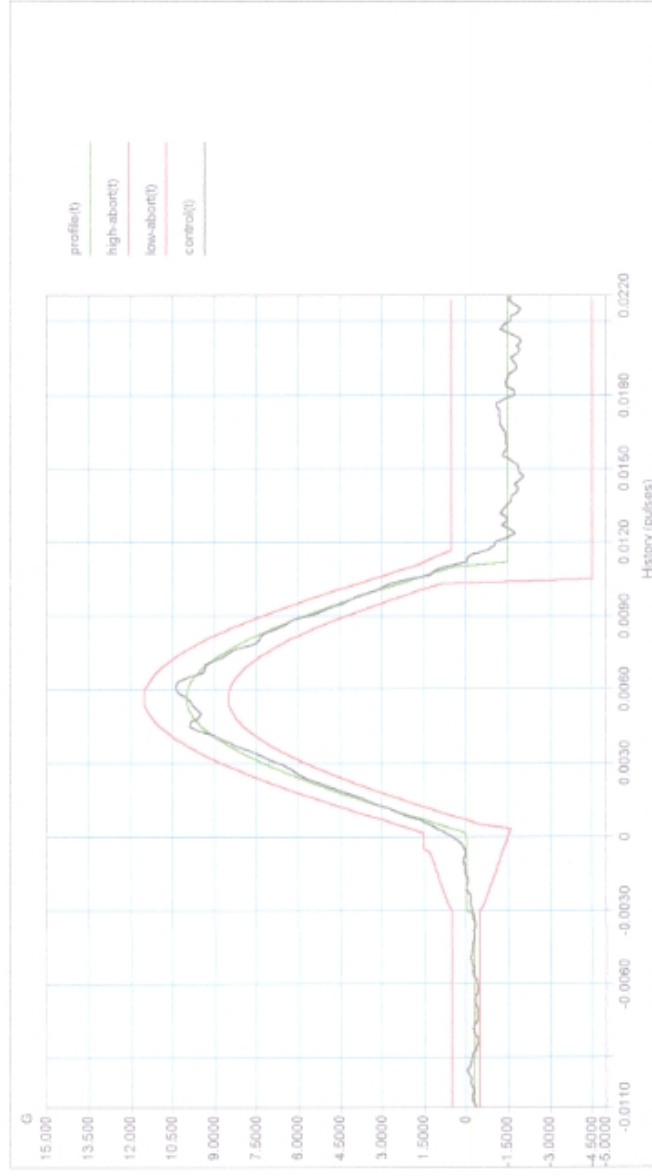

Level:	100 %	Block Size: 4096	Elapsed Pulses: 10	
Frame Time:	0.682667 Seconds	Control Peak: 10.817955 G	Control RMS: 10.810399 G	Full Level Elapsed Pulses: 3
dT:	0.000167 Seconds	Demand Peak: 10.000000 G	Demand RMS: 0.997329 G	Remaining Pulses: 0
Pulse Type: Half Sine	Amplitude: 10.000000 G	Pulse Width: 11.000001 ms		

Data saved at 10:10:50 AM, Thursday, July 06, 2000   Report created at 10:11:00 AM, Thursday, July 6, 2000

Legend:
profile(t)
high-abort(t)
low-abort(t)
control(t)

AMR2023 +Y

Project File Name: 环境 10G11ms.prj

Profile Name: 10G 11mSec   Test Type: Classical Shock   Run Folder   3Run Jul 06,2000 10-12-19

G

Level:	100 %		Block Size: 4096	Elapsed Pulses: 10	
Frame Time:	0.682667 Seconds		Control Peak: 10.360634 G	Control RMS: 1.011539 G	Full Level Elapsed Pulses: 3
dT:	0.000167 Seconds	Demand Peak: 10.000000 G	Demand RMS: 0.997329 G	Remaining Pulses: 0	
Pulse Type: Half Sine	Amplitude: 10.000000 G	Pulse Width: 11.000001 ms			

Data saved at 10:12:47 AM, Thursday, July 06, 2000   Report created at 10:12:57 AM, Thursday, July 6, 2000

profile(t)
high-abort(t)
low-abort(t)
control(t)

History (pulses)

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AMB3023 - Y
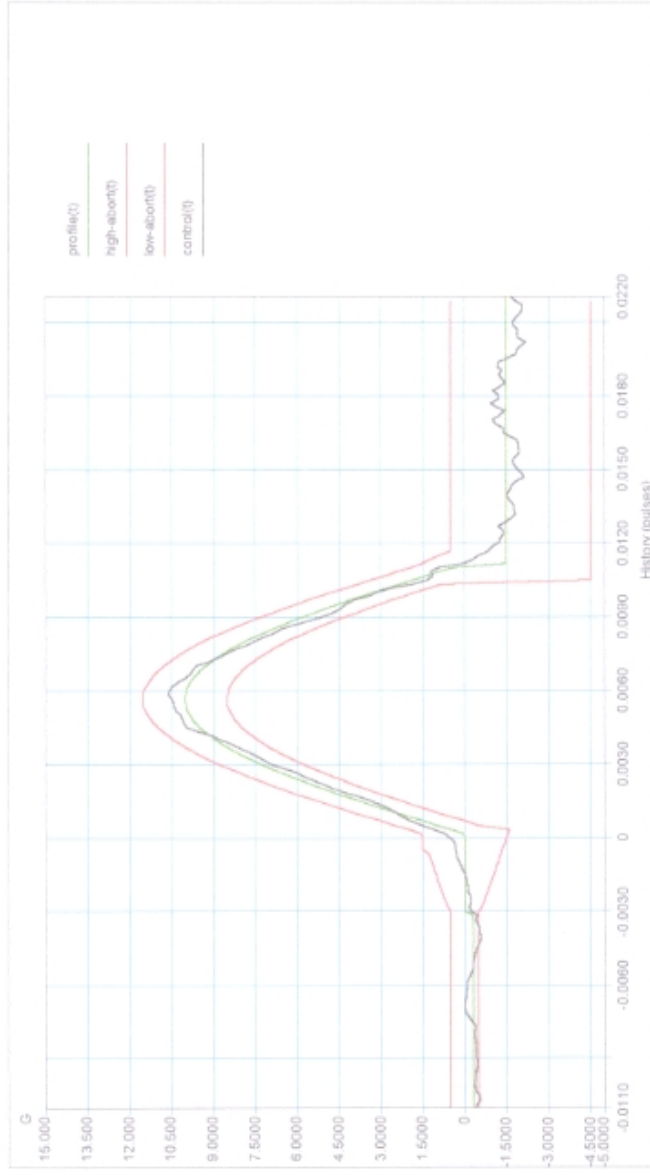
Project File Name: 許福 10G11ms.prj

Profile Name: 10G 11mSec   Test Type: Classical Shock   Run Folder :Run Jul 06,2000 10-13-33

Level: 100 %   Block Size: 4096   Elapsed Pulses: 10

Frame Time: 0.0820o7 Seconds   Control Peak: 10.016247 G   Control RMS: 1.006928 G   Full Level Elapsed Pulses: 3

dT: 0.00016.7 Seconds   Demand Peak: 10.000000 G   Demand RMS: 0.997329 G   Remaining Pulses: 0

Pulse Type: Half Sine   Amplitude: 10.000000 G   Pulse Width: 11.000001 ms

Data saved at 10:13:58 AM, Thursday, July 06, 2000   Report created at 10:14:11 AM, Thursday, July 6, 2000
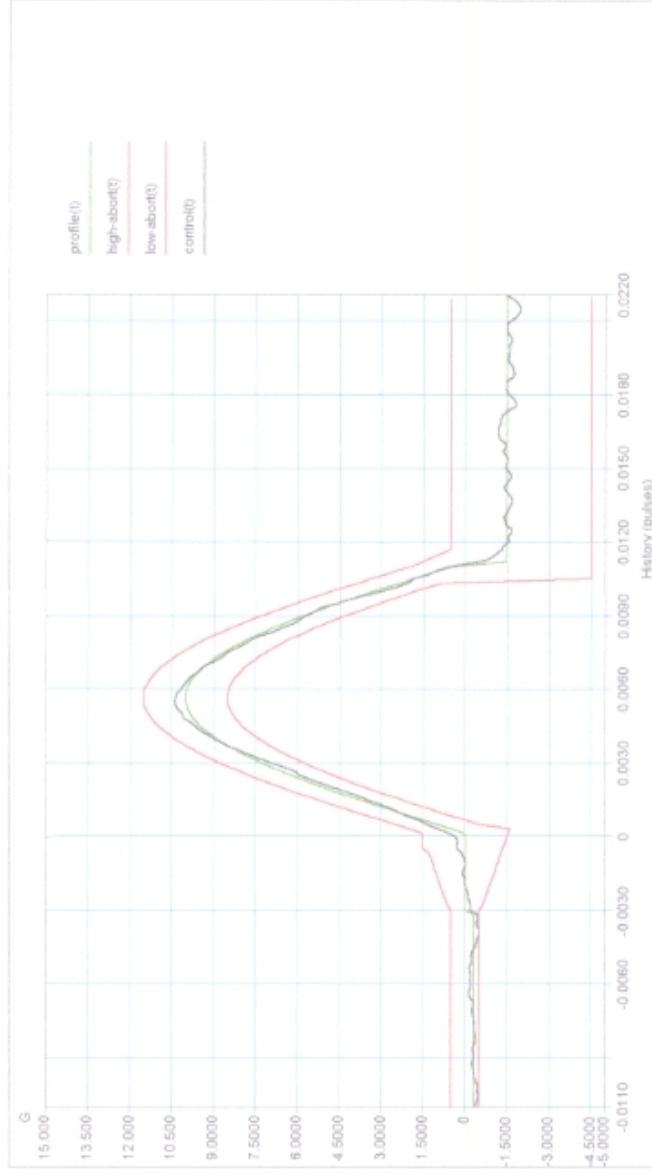
AMB2023 +Z

Project File Name:

Profile Name: 10G 11mSec   Test Type: Classical Shock   Run Folder: :Run Jul 06, 2000 10-36-26

Legend:
profile(t)
high-abort(t)
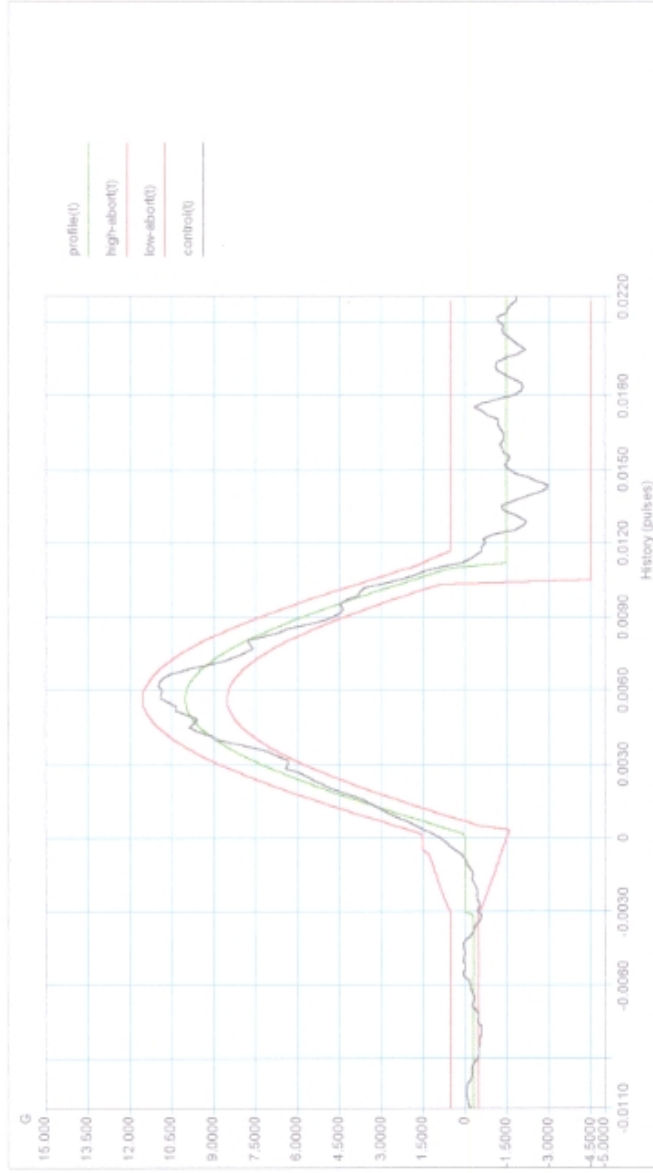low-abort(t)
control(t)

Level: 100 %   Block Size: 40%   Elapsed Pulses: 10

Frame Time: 0.082667 Seconds   Control Peak: 10.373483 G   Control RMS: 1.007183 G   Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds   Demand Peak: 10.000000 G   Demand RMS: 0.99329 G   Remaining Pulses: 0

Pulse Type: Half Sine   Amplitude: 10.000000 G   Pulse Width: 11.000001 ms

Data saved at 10:36:50 AM, Thursday, July 06, 2000   Report created at 10:37:17 AM, Thursday, July 6, 2000

AMR2023 -Z.

Project File Name: 芮维 10G11ms.prj

Profile Name: 10G 11mSec   Test Type: Classical Shock   Run Folder: Run Jul 06,2000 10-15-59

Level: 100 %   Block Size: 4096   Elapsed Pulses: 10

Frame Time: 0.682667 Seconds   Control Peak: 10.955111 G   Control RMS: 1.014569 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds   Demand Peak: 10.000000 G   Demand RMS: 0.997329 G Remaining Pulses: 0

Pulse Type: Half Sine   Amplitude: 10.000000 G   Pulse Width: 11.000001 ms

Data saved at 10:16:22 AM, Thursday, July 06, 2000   Report created at 10:16:35 AM, Thursday, July 6, 2000

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