



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

PD-8500

Shock Test Report

Issued by:

JACKSON CHEN
ME Engineer

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06/10/2003

Date

Reviewed by:

J.F LIN
ME Manager

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06/10/2003

Date

1. Test Product : Modular System Industrial Display Panel

2. Model Name: PD-8500

3. Test Date: 06-10-2003

4. Test Site: KING DESIGN VIBRATION LABORATORY

5. Test Equipment

Type	MFR	Model Number	Serial Number	Last CAL.
Shock Tester	KSON	KD-9363-600FK2-50N120	KDS11054783	
Controller	DACTRON	DSC System Version 0.922	635651	
Control Accelerometer	WILCOXON RESEARCH	WR-777	4207	

6. Test Specification:

Parameters	Targets
Wave Form	Half Sine wave
Acceleration	15g
Duration Time	11ms
No. of Shock	Each axis 3 times
Shock Direction	Bottom, Top, Left, Right, Front, Back axis

7. Test Condition

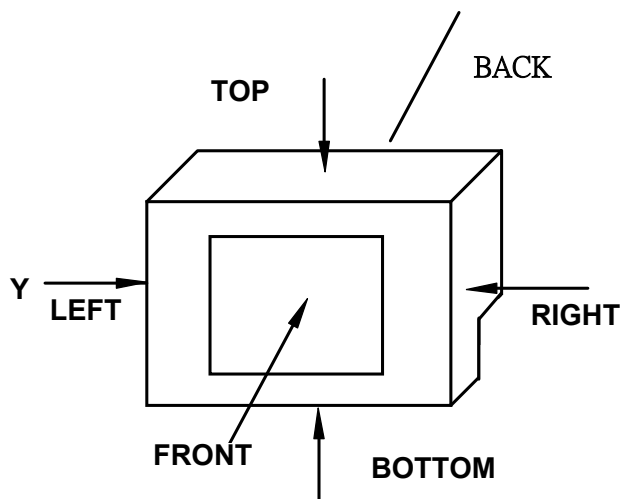
Temperature: 20 ±2°C

Humidity: 70 ±20%RH

Sample: Unpacked; Operation

Software: Windows 98 run Media Player (VCD viewing)

8. Axial Definition



9. Test Result:

- a. The system structure doesn't deformation; Function is OK during system test.
- b. The system structure doesn't have any deformation; All functions are OK after shock test.

10. Testing Photos

TOP



Bottom



Left



Right



Front



Back

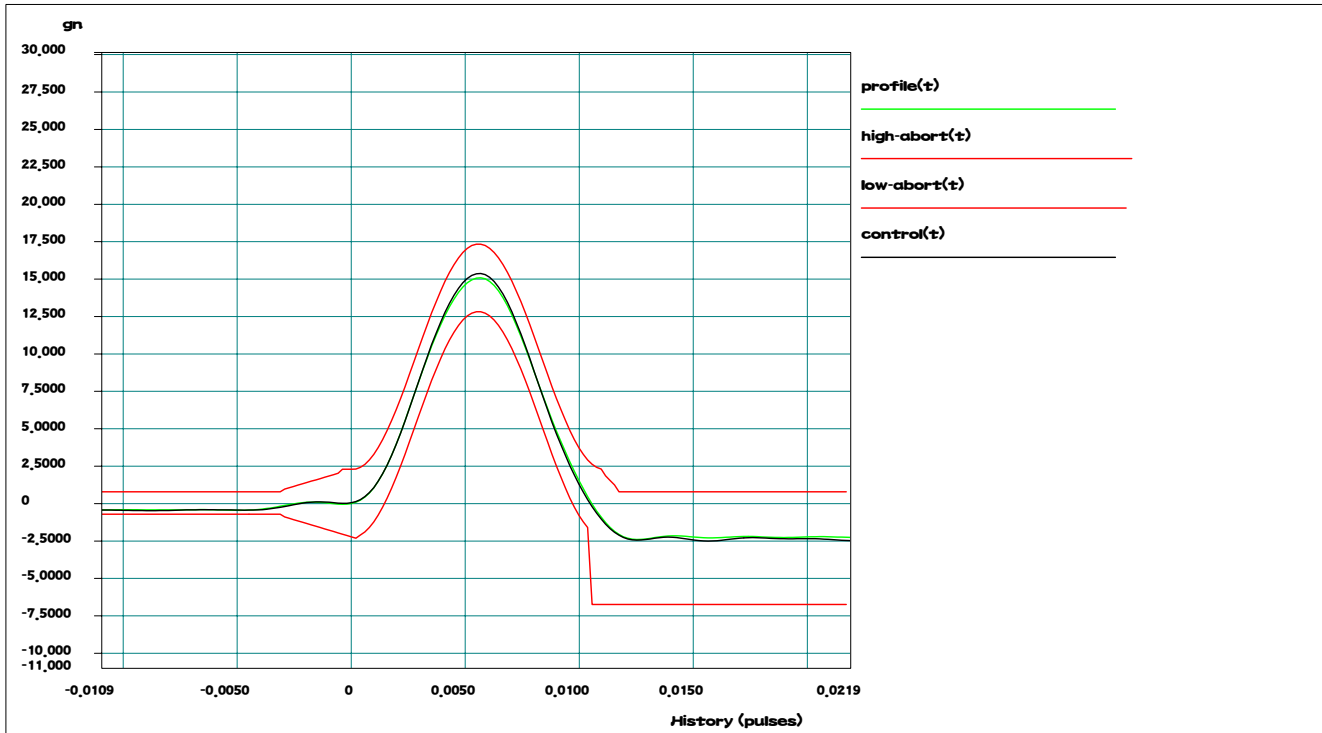


12. Test Curve

Axis x

Project File Name: 研場 15G 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 09,2003
16-28-20



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.400000 Seconds Control Peak: 15.286110 gn Control RMS: 1.739557 gn Full Level
 Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.697737 gn Remaining Pulses:
 0
 Pulse Type: Haver Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Axis -x

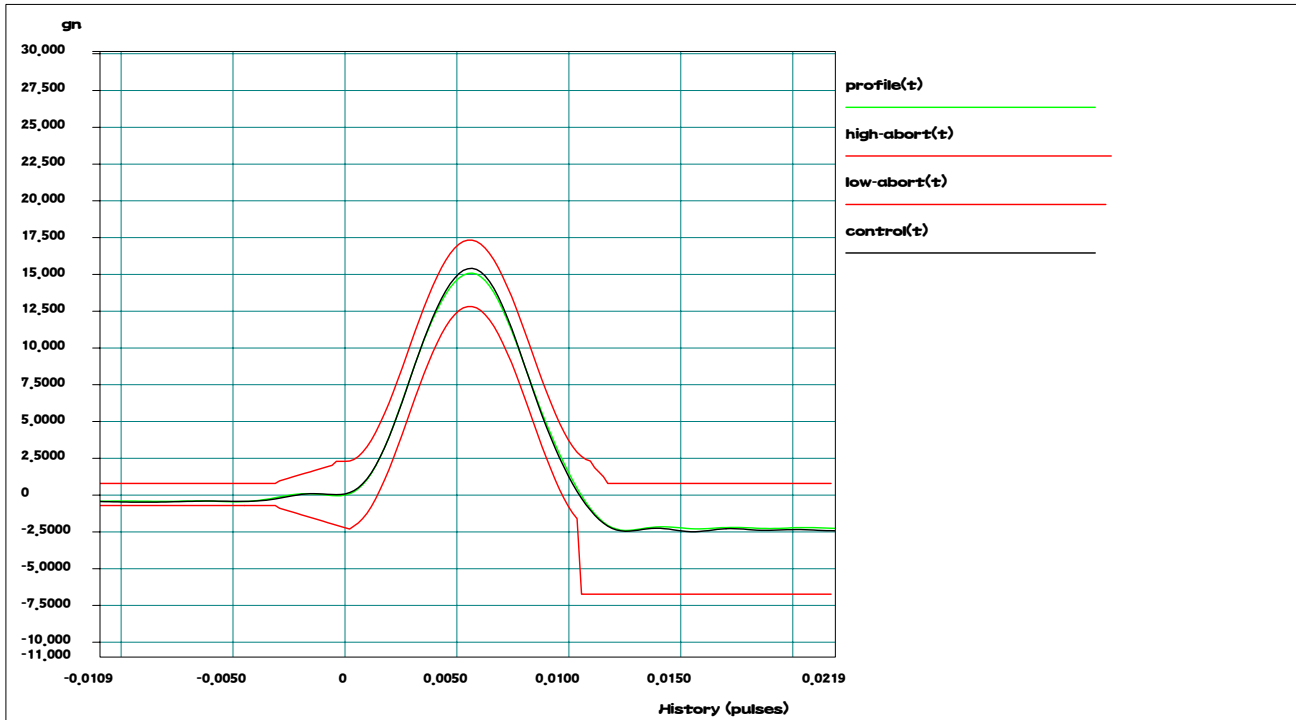
Project File Name: 研揚 15G 11ms.prj

Profile Name: 15gn 11mSec

Test Type: Classical Shock

Run Folder: .\RunDefault Jun 09,2003

16-29-05



Level: 100 %

Block Size: 2048

Elapsed Pulses: 12

Frame Time: 0.400000 Seconds

Control Peak: 15.320694 gn

Control RMS: 1.739621 gn

Full Level

Elapsed Pulses: 3

dT: 0.000195 Seconds

Demand Peak: 14.999999 gn

Demand RMS: 1.697737 gn

Remaining Pulses:

0

Pulse Type: Haver Sine

Amplitude: 14.999999 gn

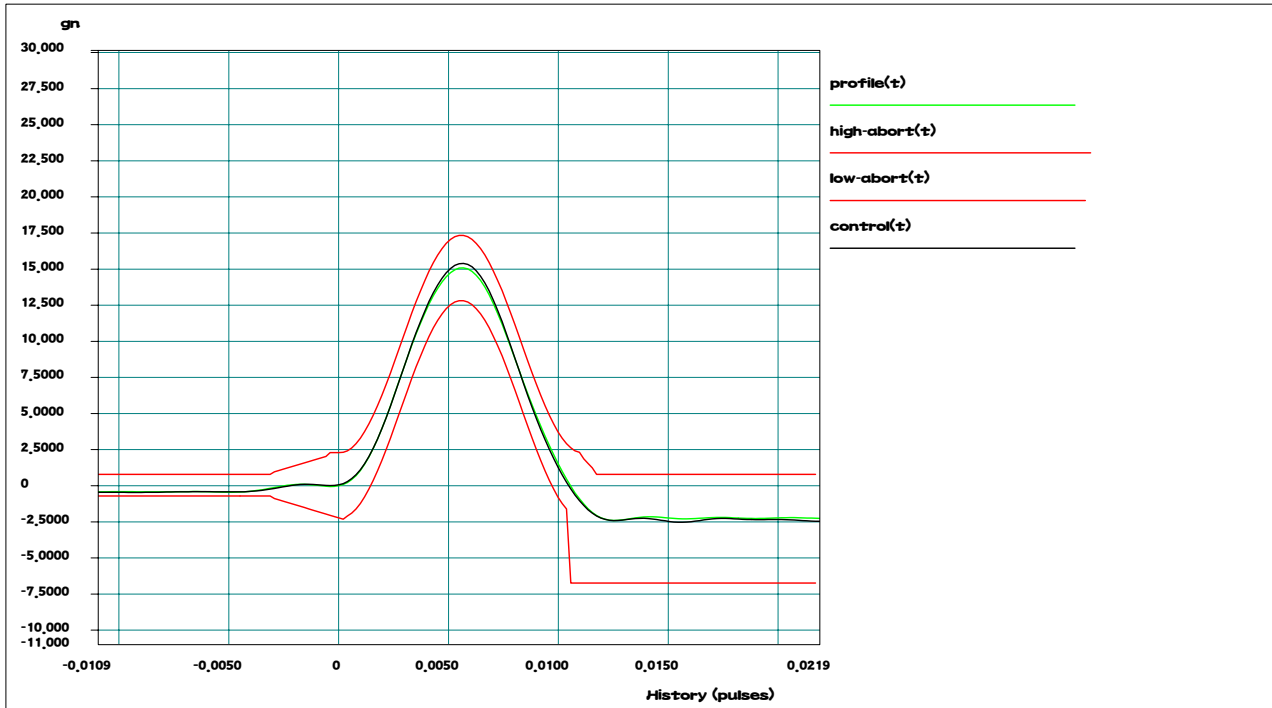
Pulse Width:

11.000001 ms

Axis y

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 09,2003
16-29-45



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
Frame Time: 0.400000 Seconds Control Peak: 15.306490 gn Control RMS: 1.739608 gn Full Level
Elapsed Pulses: 3
dT: 0.000195 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.697737 gn Remaining Pulses:
0
Pulse Type: Haver Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Axis -y

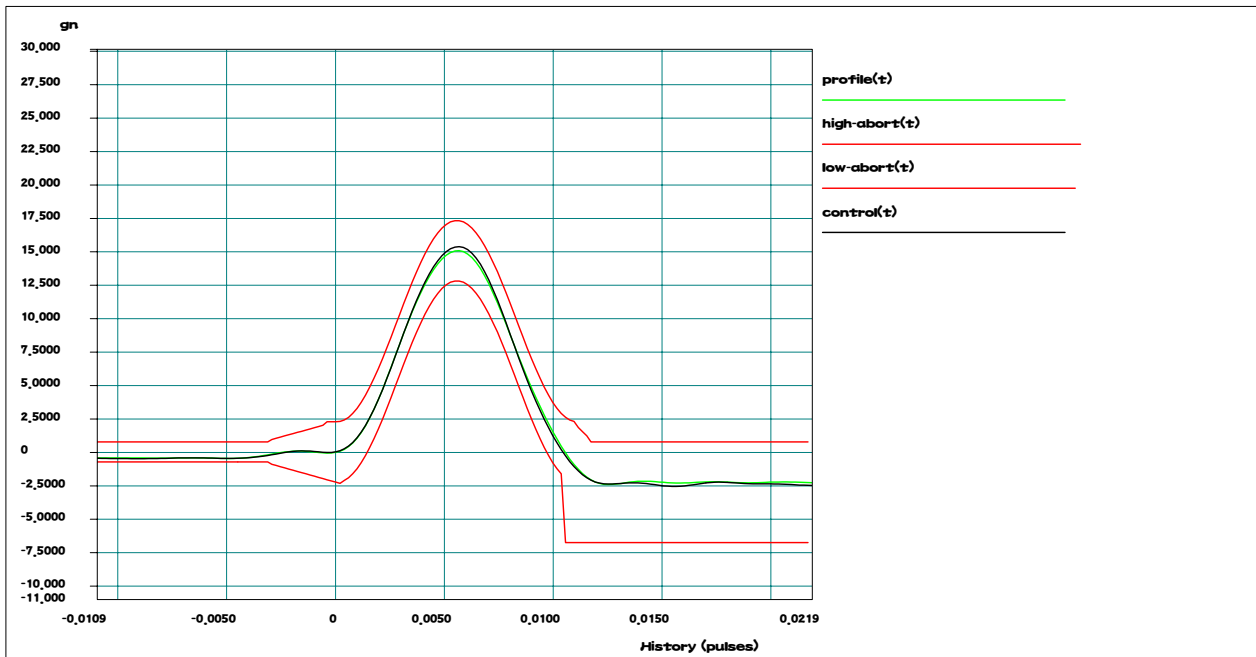
Project File Name: 研揚 15G 11ms.prj

Profile Name: 15gn 11mSec

Test Type: Classical Shock

Run Folder: .\RunDefault Jun 09,2003

16-30-37



Level: 100 %

Block Size: 2048

Elapsed Pulses: 12

Frame Time: 0.400000 Seconds

Control Peak: 15.299376 gn

Control RMS: 1.739879 gn

Full Level

Elapsed Pulses: 3

dT: 0.000195 Seconds

Demand Peak: 14.999999 gn

Demand RMS: 1.697737 gn

Remaining Pulses:

0

Pulse Type: Haver Sine

Amplitude: 14.999999 gn

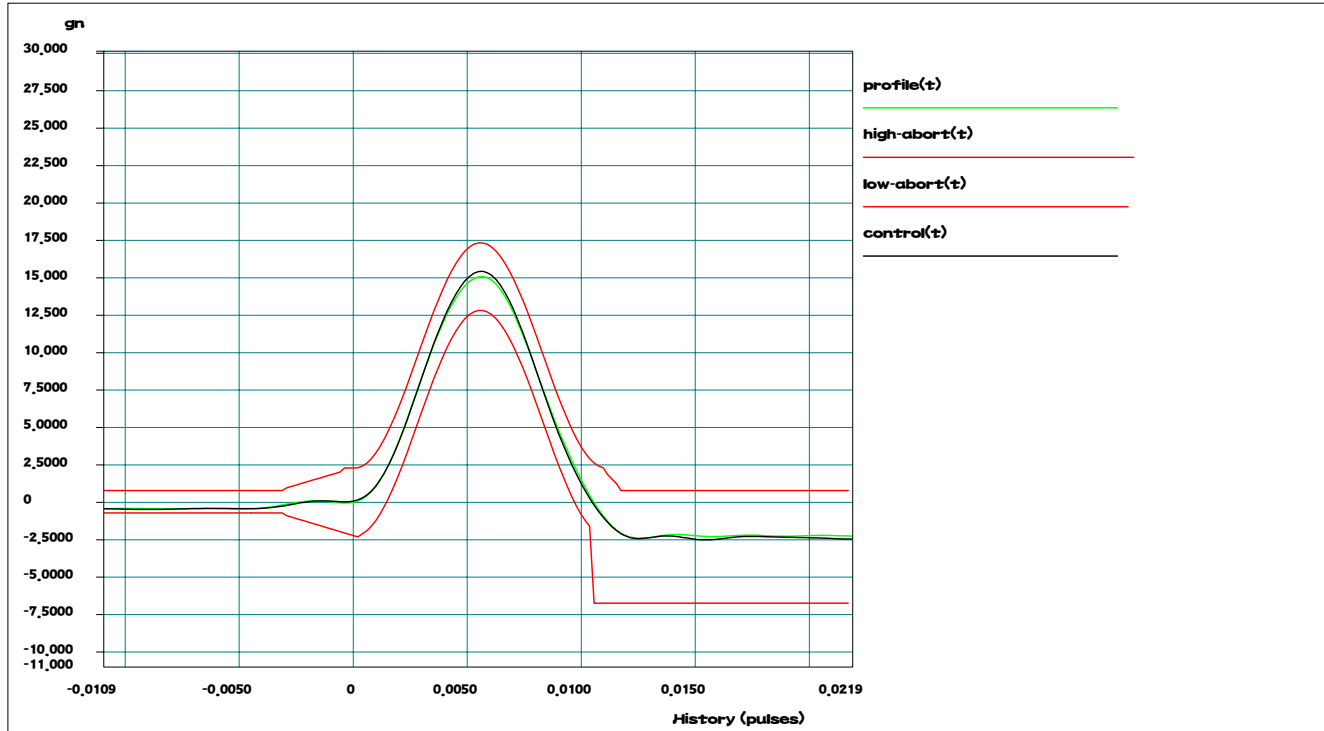
Pulse Width:

11.000001 ms

Axis z

Project File Name: 研揚 15G 11ms.prj

Profile Name: 15gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Jun 09,2003
16-26-55



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
Frame Time: 0.400000 Seconds Control Peak: 15.338871 gn Control RMS: 1.739691 gn Full Level
Elapsed Pulses: 3
dT: 0.000195 Seconds Demand Peak: 14.999999 gn Demand RMS: 1.697737 gn Remaining Pulses:
0
Pulse Type: Haver Sine Amplitude: 14.999999 gn Pulse Width: 11.000001 ms

Axis -z

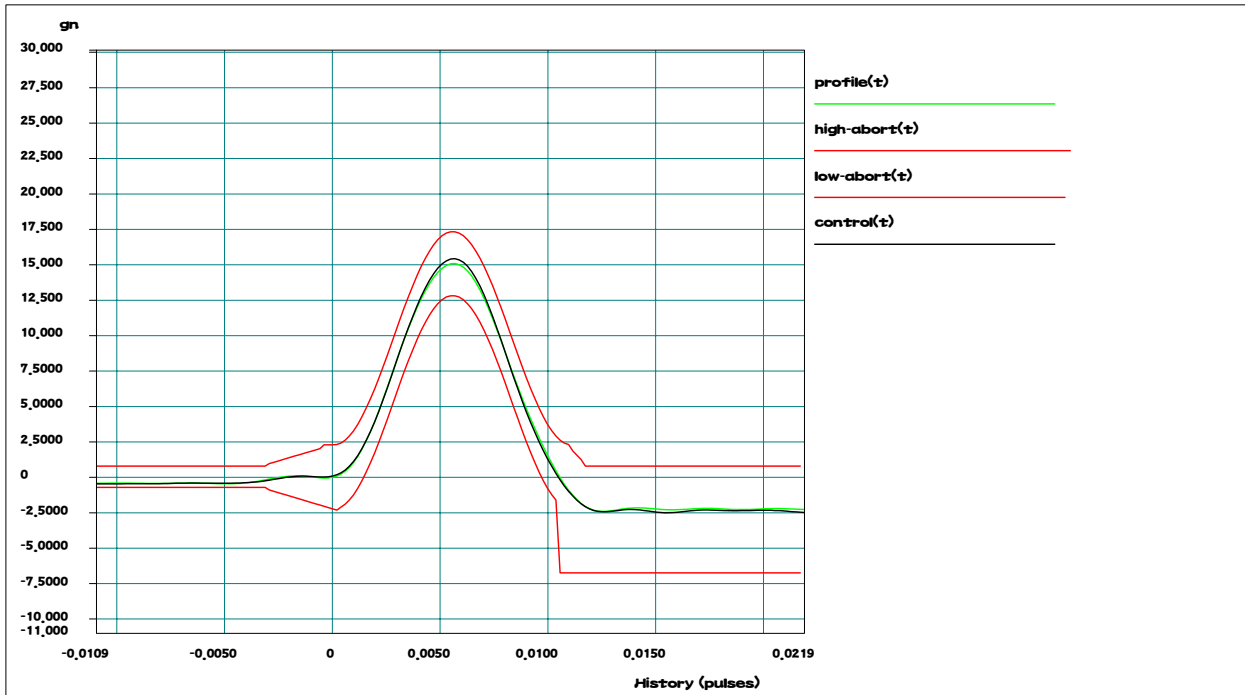
Project File Name: 研揚 15G 11ms.prj

Profile Name: 15gn 11mSec

Test Type: Classical Shock

Run Folder: .\RunDefault Jun 09,2003

16-27-35



Level: 100 %

Block Size: 2048

Elapsed Pulses: 12

Frame Time: 0.400000 Seconds

Control Peak: 15.341913 gn

Control RMS: 1.739982 gn

Full Level

Elapsed Pulses: 3

dT: 0.000195 Seconds

Demand Peak: 14.999999 gn

Demand RMS: 1.697737 gn

Remaining Pulses:

0

Pulse Type: Haver Sine

Amplitude: 14.999999 gn

Pulse Width:

11.000001 ms