



AAEONTechnology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

OPD-212A

QE Shock Test Report

Release Date : Jan. 23, 2002

Issue Stamp

QE Manager

Test Engineer

Shock

Model Name : OPD-212A

Test Date : 01-23-2002

Test Site : KING DESIGN VIBRATION LABORATORY

Performed by : Rex Chang

TEST ENVIRONMENT :

Temperature : 20 ± 2

Humidity : 70 ± 20%RH

SHOCK TEST SPECIFICATION :

Wave Form : Half Sine Wave (Operating)

Acceleration : 30g

Duration : 11ms

No. of shock : Each axis 3 times

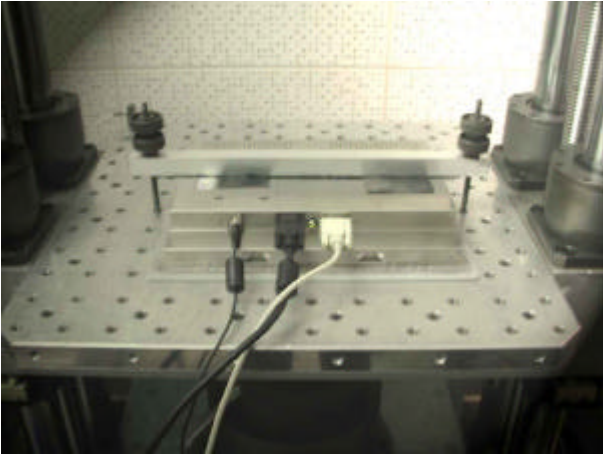
Shock Direction : Bottom, Left, Top, Right, Front, Back, axis

TEST RESULT :

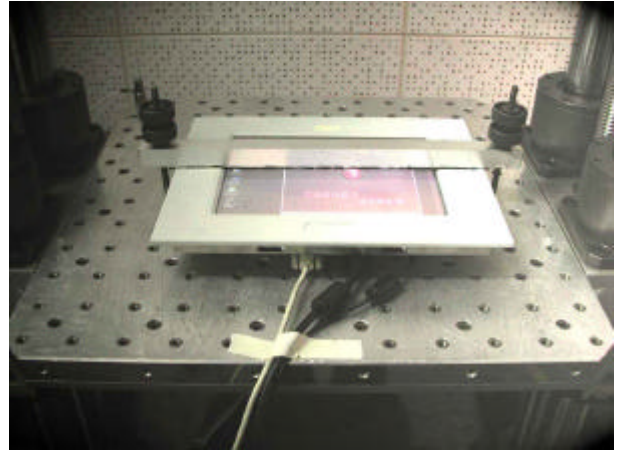
Item 1 : System structure doesn't deformation , LCD display function is OK during system test.

Testing photos

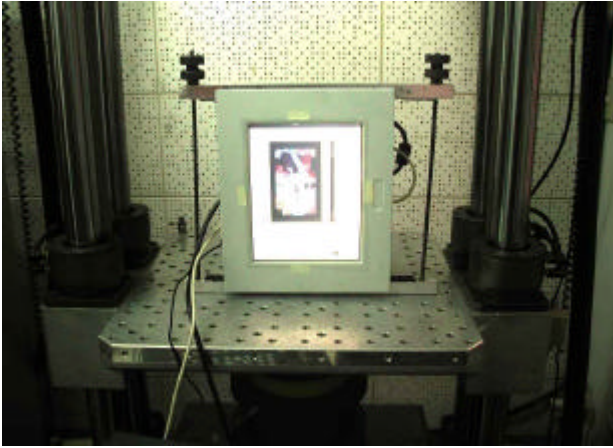
+X



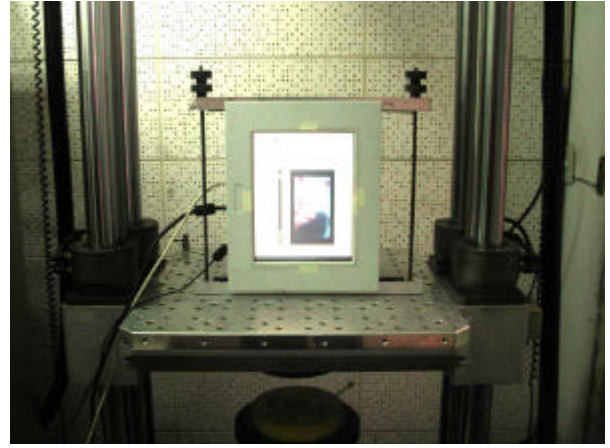
-X



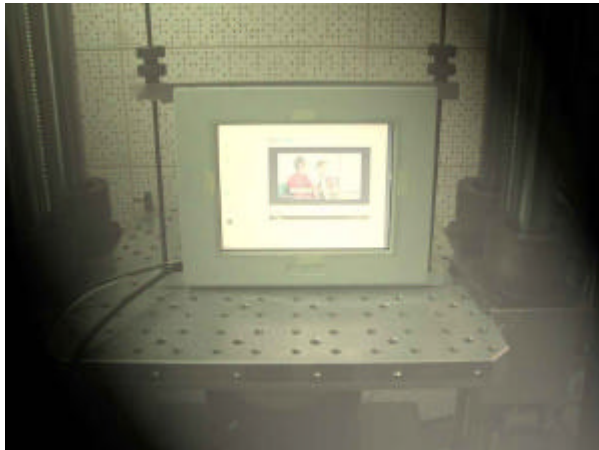
+Y



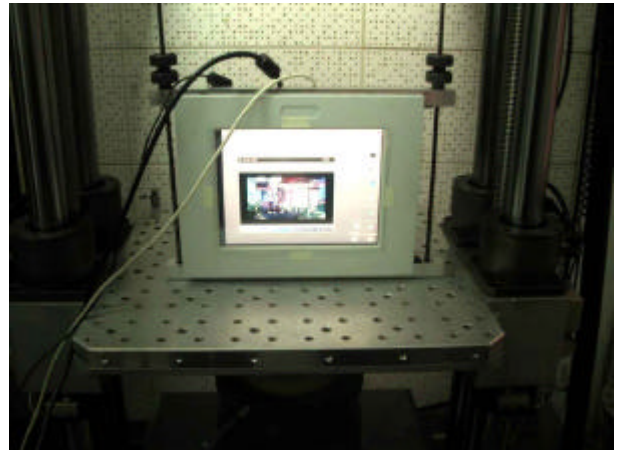
-Y



+Z



-Z



AMB-220/OPD-212 30g 11ms -Y

KID DP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.30

SHOCK LEVEL: G

32.64

CTL. MODE: HEIGHT

+105 mm +32.77 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

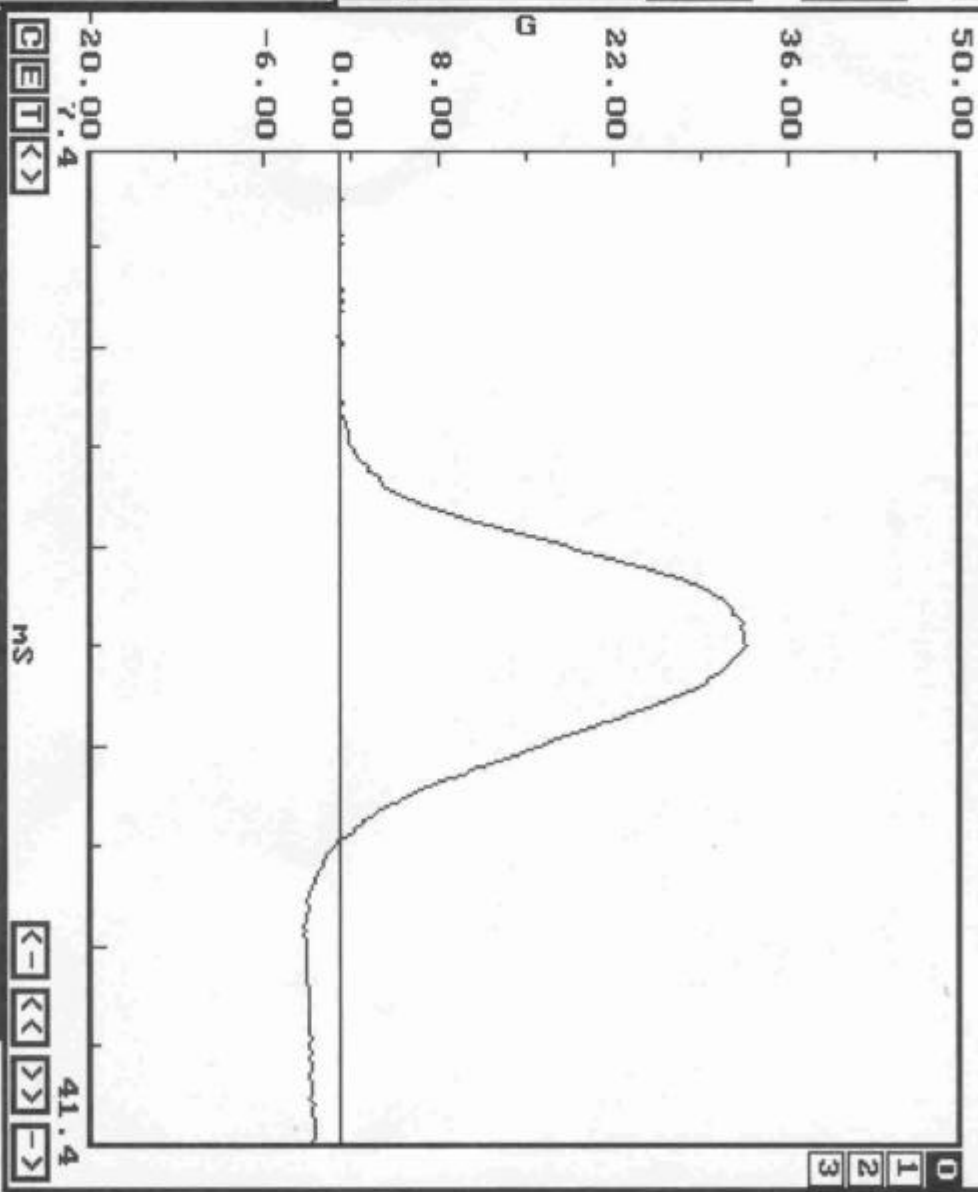
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete ?

Bhannel	0	1	2	3	Unit
Title	CONTROL				
Max Acc	32.64				G
Min Acc	-2.88				G
Dur. T	11.30				mS
Delta U	2.22				m/s
Filter	300				Hz

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

AMB-228/OPD-212 30g 11ms +Y

KID DP-1200

KING DESIGN Lab.

WINDOWS 0

DURATION TIME: mS

11.30

SHOCK LEVEL: G

33.02

CTL. MODE: HEIGHT

+105 mm +33.02 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

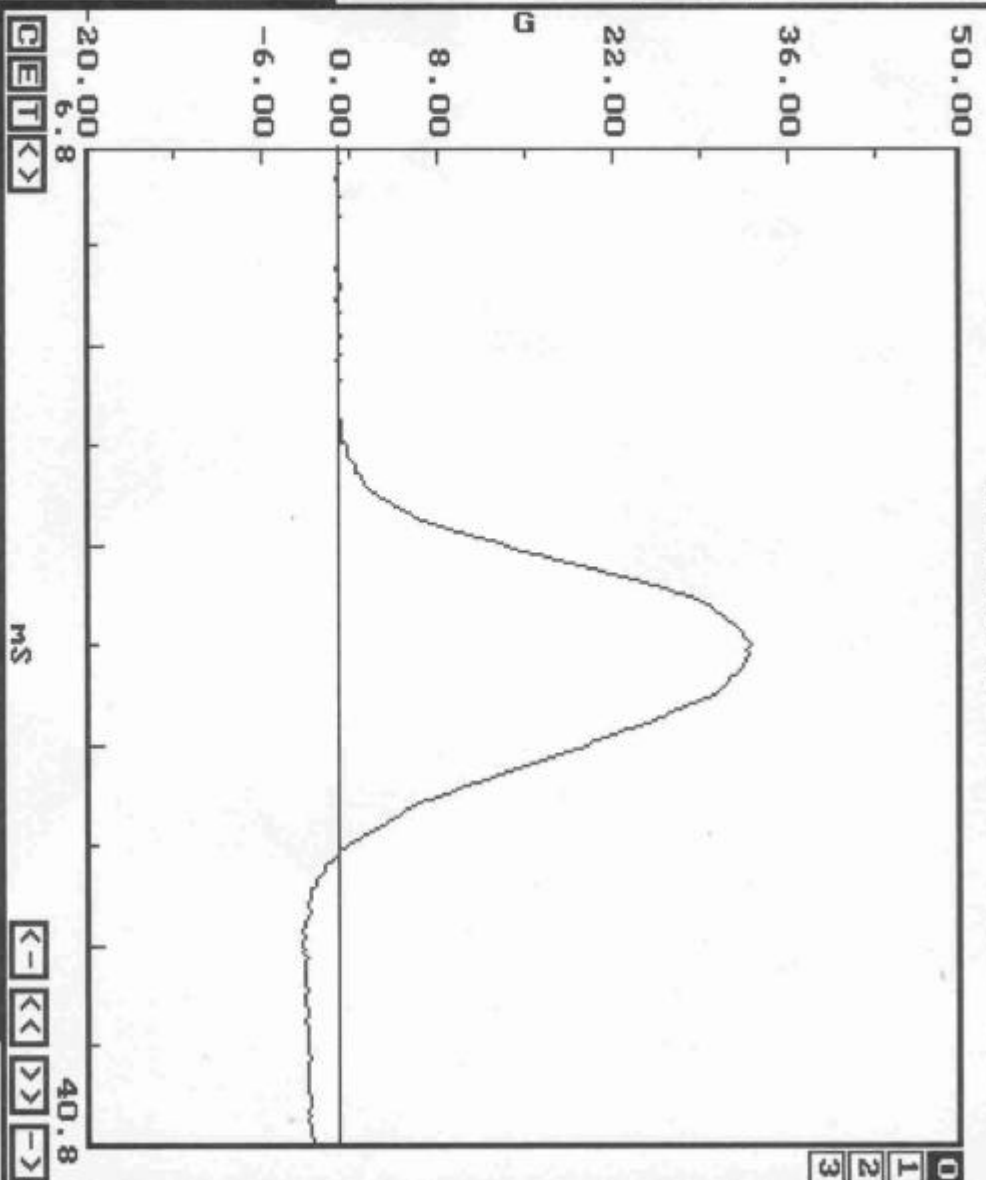
F6: SAUE GRAP

F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN



Test has complete !

Bhannel	0	1	2	3	Unit
Title	CONTROL	---	---	---	---
Max Acc	33.02	---	---	---	G
Min Acc	-2.88	---	---	---	G
Dur. T	11.30	---	---	---	ms
Delta U	2.22	---	---	---	m/s
Filter	300	---	---	---	Hz

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

+Y

AMB-220/OPD-212 30g 11ms -X

MDP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.50

SHOCK LEVEL: G

32.64

CTL. MODE: HEIGHT

+105 mm

+32.60 G

+3

+3

LOCK

RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

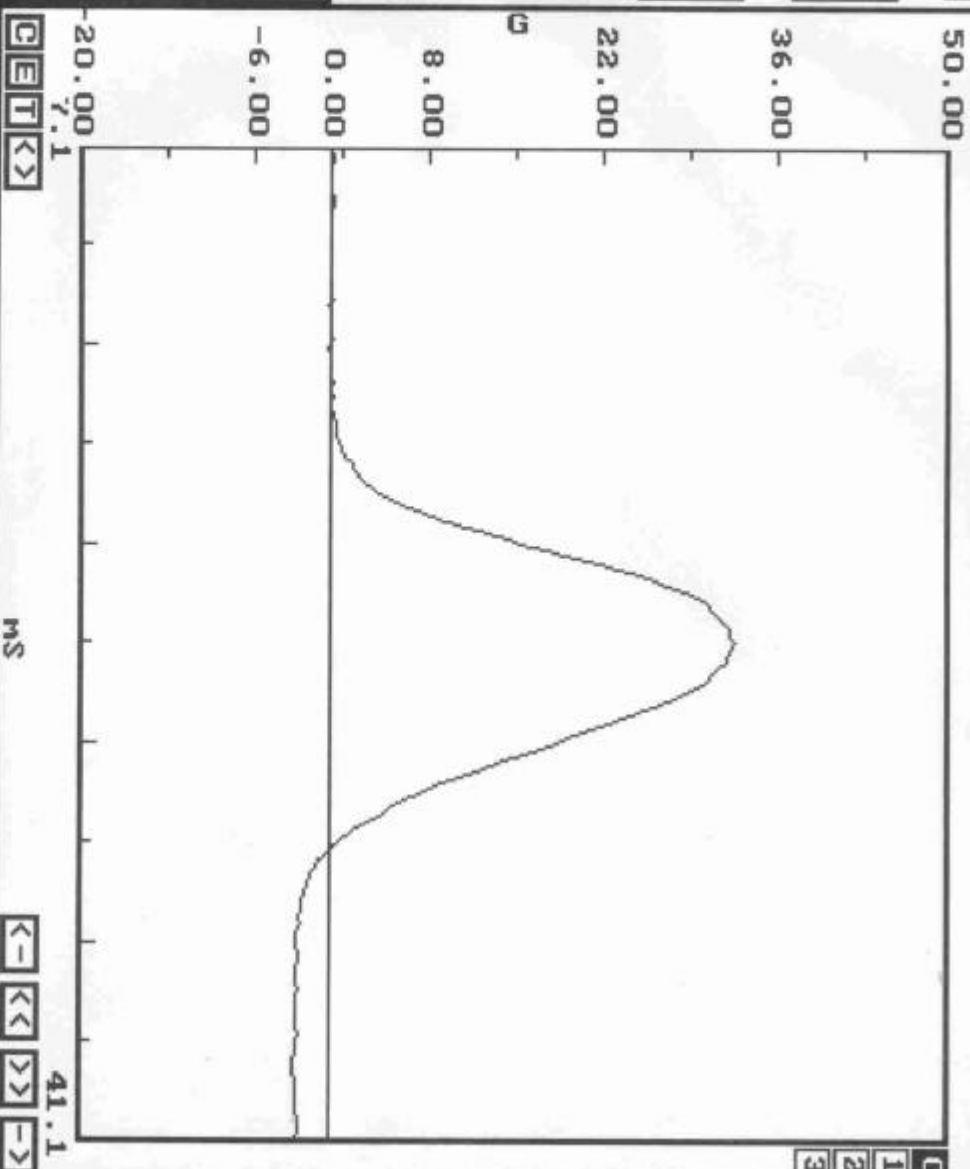
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete ?

Bhannel 1	0 - ON	1 - OFF	2 - OFF	3 - OFF
Title :	CONTROL			
Max Acc :	32.64			
Min Acc :	-2.75			
Dur. T :	11.50			
Delta U :	2.23			
Filter :	300			

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

X

AMB-220/OPD-212 30g 11ms +X

MD DP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.40

SHOCK LEVEL: G

32.52

CTL. MODE: HEIGHT

+105 mm +32.64 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

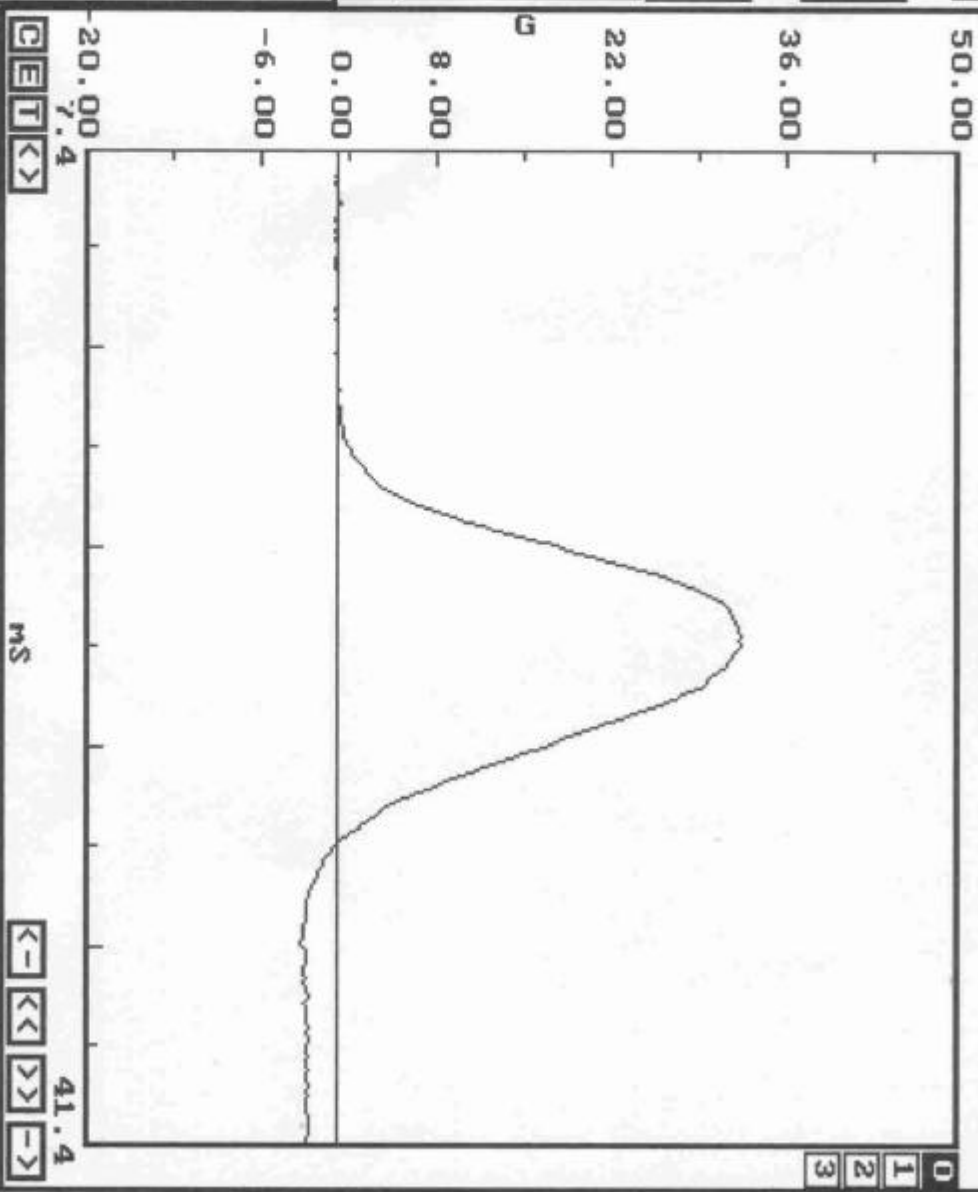
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete !

Bhannel	0 - ON	1 - OFF	2 - OFF	3 - OFF	
Title	CONTROL				
Max Acc:	32.52				G
Min Acc:	-2.88				G
Dur. T:	11.40				ms
Delta U:	2.22				m/s
Filter	300				Hz

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

+X

AMB-228/OPD-212 30g 11ms +Z

KID DP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.50

SHOCK LEVEL: G

32.39

CTL. MODE: HEIGHT

+105 mm +32.39 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

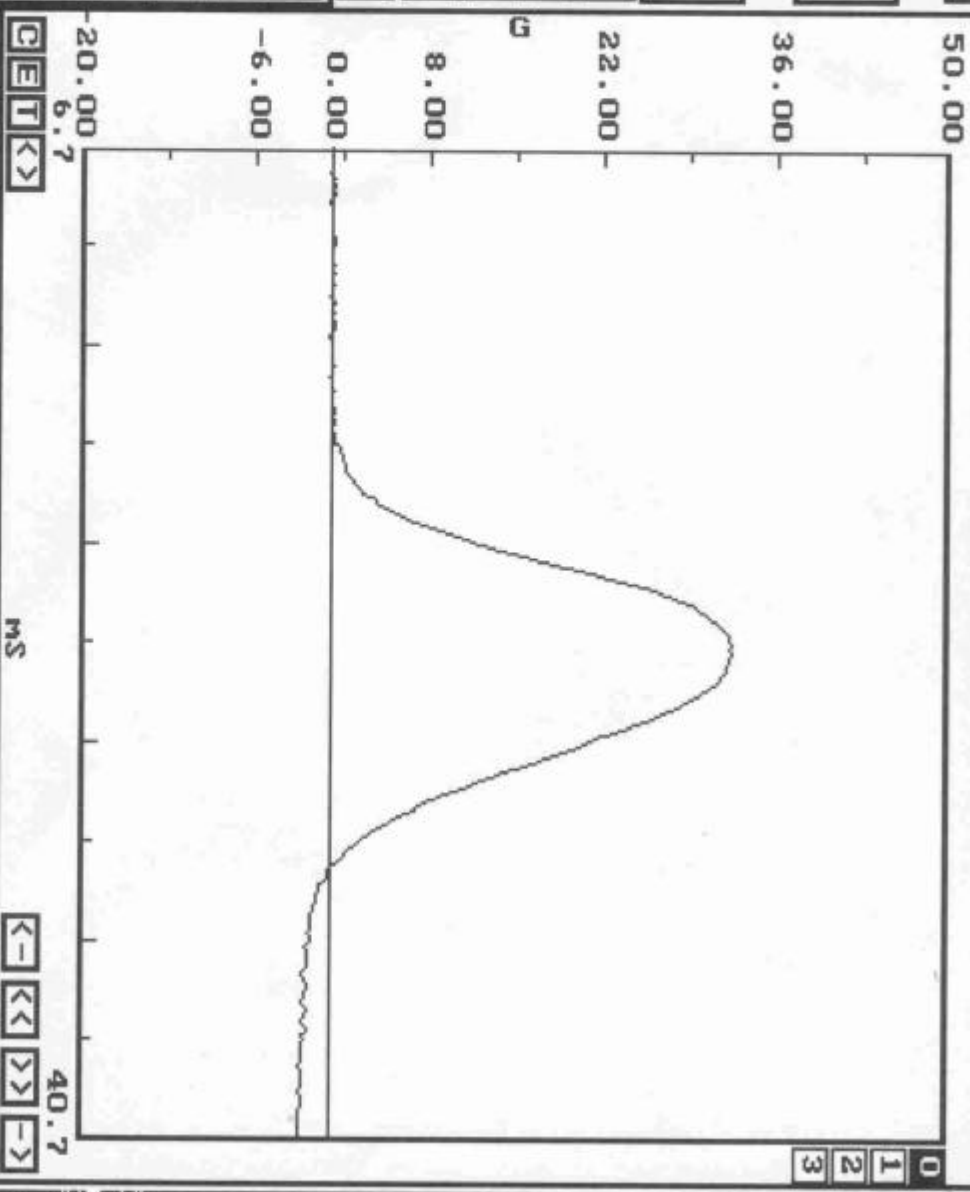
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



GET <>

< >> >>

mm 0

Bhannel	0	1	2	3
Title	CONTROL			
Max Acc	32.39			
Min Acc	-2.13			
Dur. T	11.50			
Delta U	2.23			
Filter	300			

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

+Z

KING DESIGN Lab.

DURATION TIME: mS

11.50

SHOCK LEVEL: G

32.27

CTL. MODE: HEIGHT

+185 mm +32.35 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

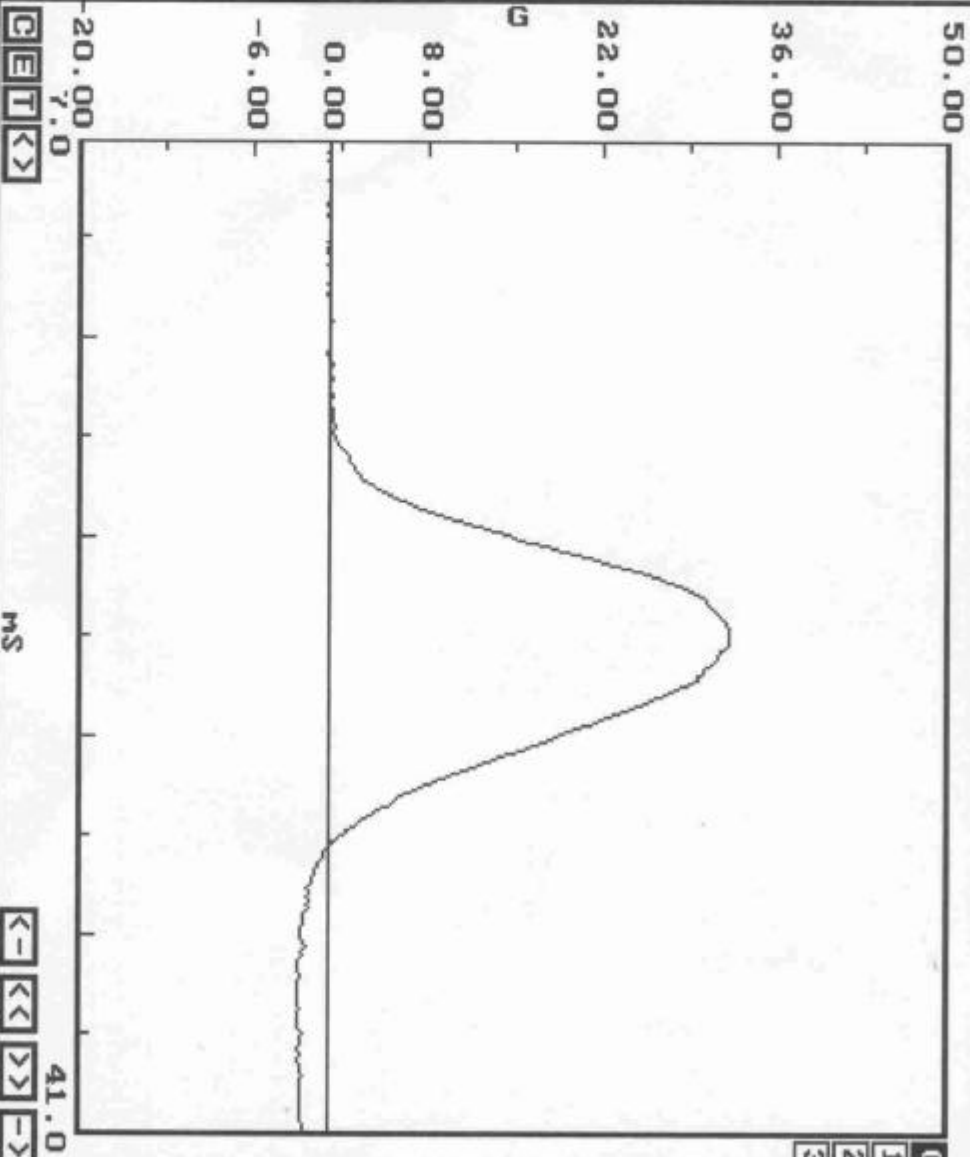
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete ?

Bhannel	0	-	ON	1	-	OFF	2	-	OFF	3	-	OFF
Title	CONTROL											
Max Acc	32.27											
Min Acc	-2.50											
Dur. T	11.50											
Delta U	2.21											
Filter	300											

TEST FILE

TEST.PRA

REPORT FILE

TEST000.