



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

AMB-270 / OPD-217

QE Shock Test Report

Release Date : Feb. 02, 2002

Issue Stamp

QE Manager

Test Engineer

Shock

Model Name : AMB-270 / OPD-217

Test Date : 02-01-2002

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

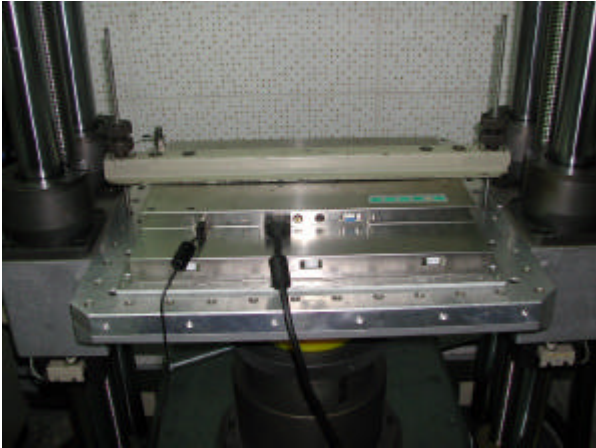
Shock Direction : Bottom, Left, Top, Right, Front, Back, axis

TEST RESULT :

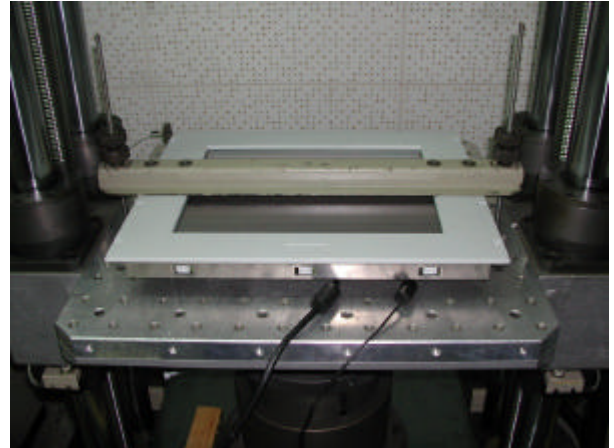
Item 1 : System structure doesn't deformation , LCD display function is OK during system test.

Testing photos

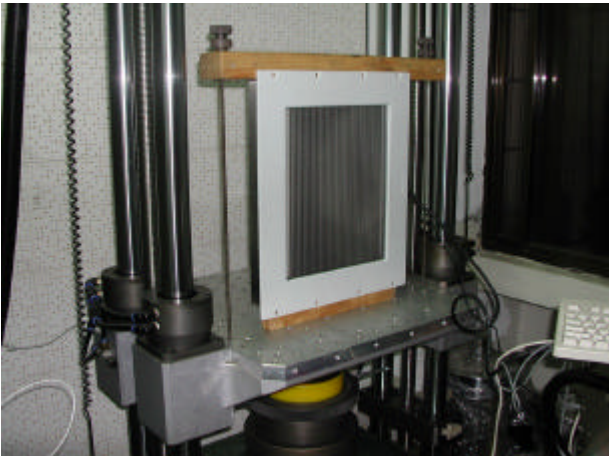
+X



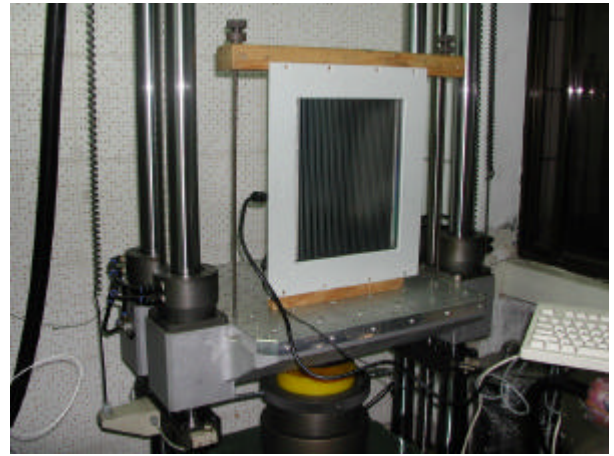
-X



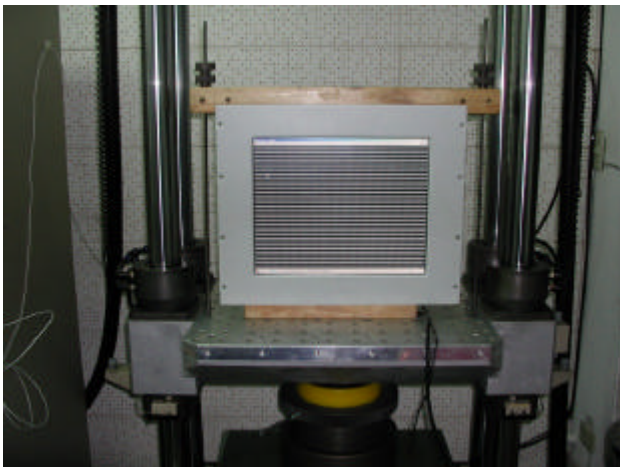
+Y



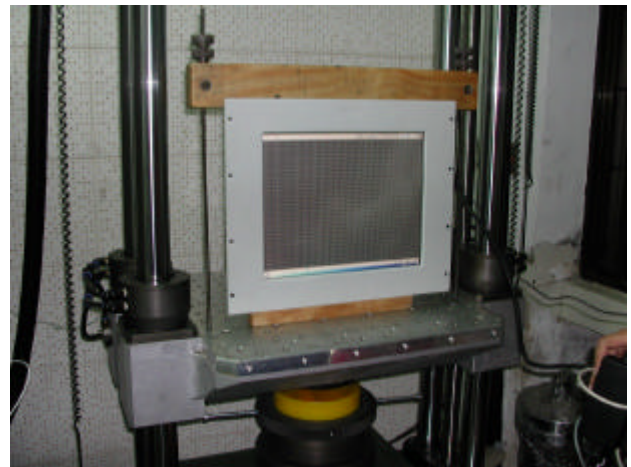
-Y



+Z



-Z



AMB-270/OPD-217 30g 11ms +X

DP-1200

KING DESIGN Lab.

WINDOWS 0

DURATION TIME: mS

11.00

SHOCK LEVEL: G

33.14

CTL. MODE: HEIGHT

+100 mm

+3

LOCK

RELEASE

+33.14 G

+3

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

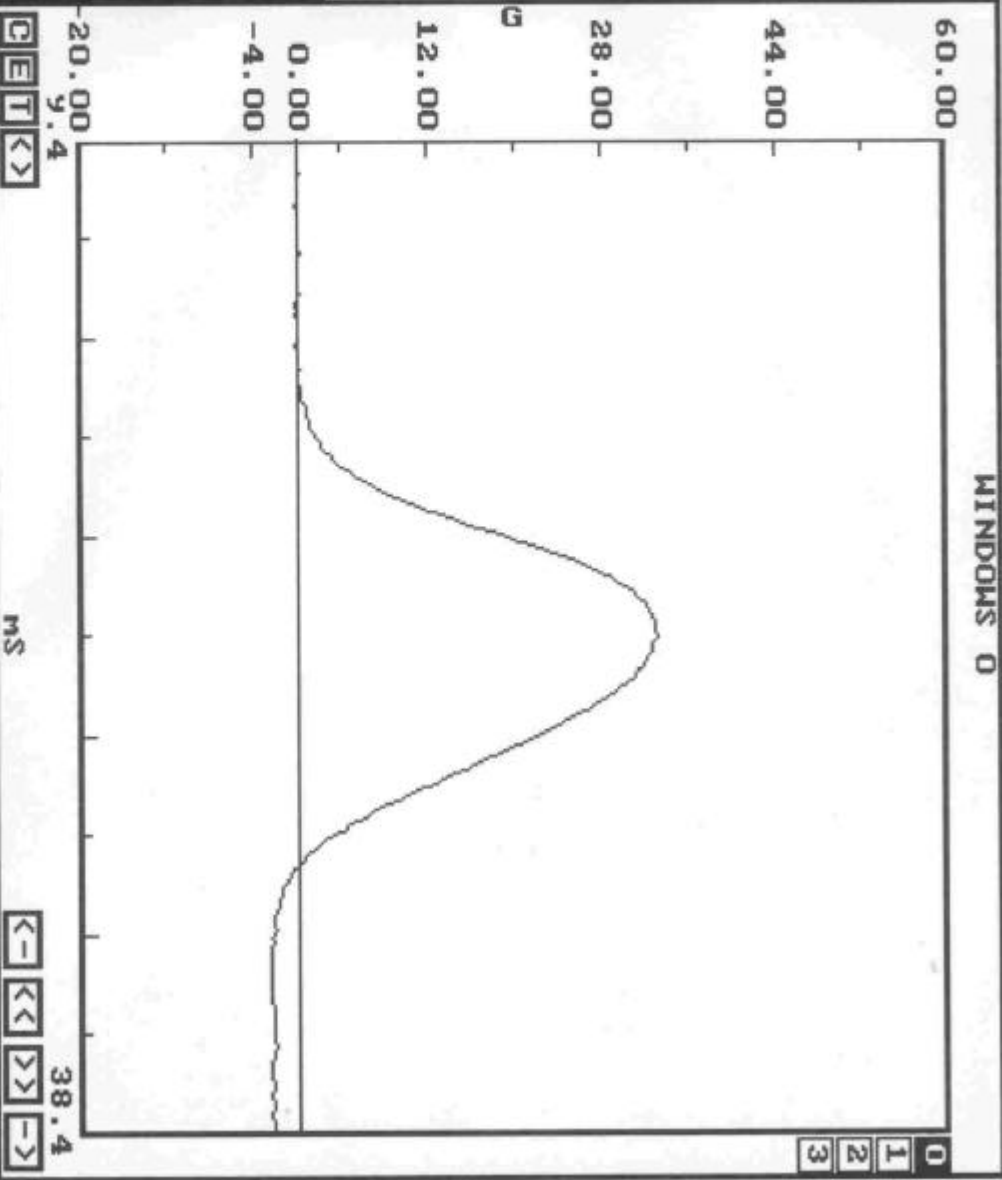
F6: SAUE GRAP

F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN



Bhannel	0	1	2	3
Title	CONTROL			
Max Acc	33.14			
Min Acc	-2.50			
Dur. T	11.00			
Delta U	2.20			
Filter	300			

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

+X

KING DESIGN Lab.

DURATION TIME: mS

10.90

SHOCK LEVEL: G

32.89

CTL. MODE: HEIGHT

+100 mm +32.89 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

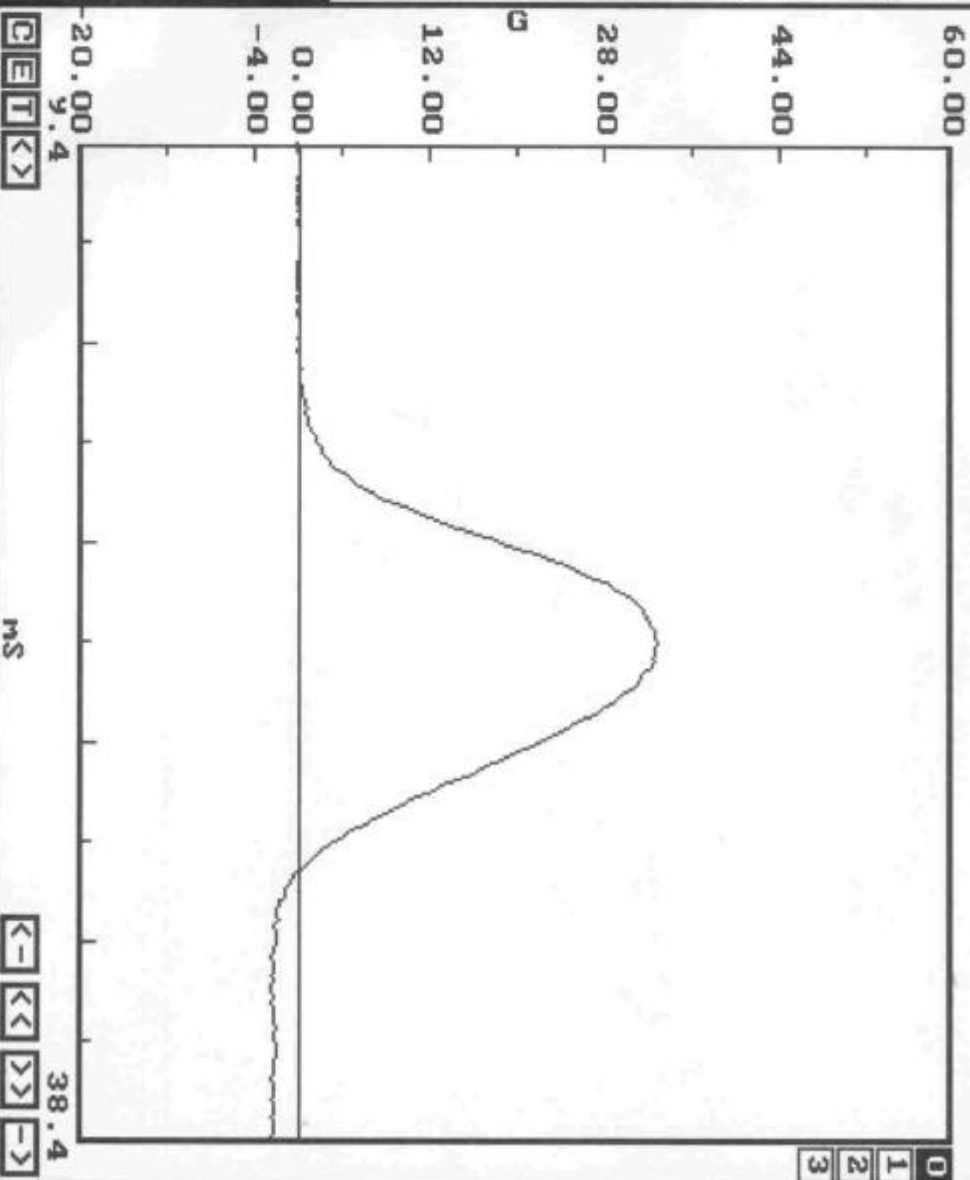
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Bhannel	0	1	2	3
Title	CONTROL			
Max Acc	32.89			
Min Acc	-2.50			
Dur. T	10.90			
Delta U	2.18			
Filter	300			

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

AMB-270/OPD-217 30g 11ms +Y

MDP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.30

SHOCK LEVEL: G

30.77

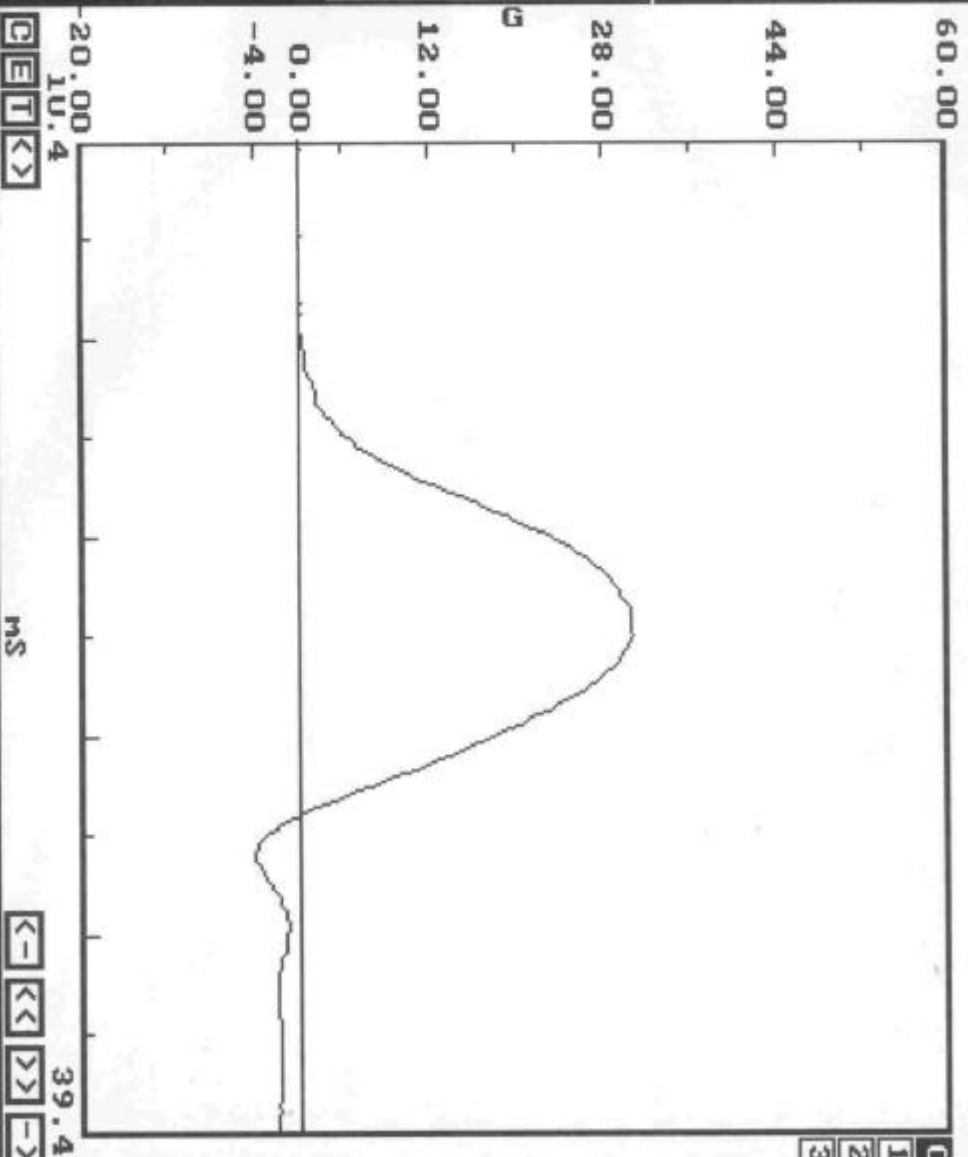
CTL. MODE: HEIGHT

+100 mm +30.77 G

+3 +3

LOCK RELEASE

WINDOWS 0



Test has complete ?

Bhannel	0	- ON	1	- OFF	2	- OFF	3	- OFF	
Title	CONTROL								
Max Acc	30.77								
Min Acc	-4.00								
Dur. T	11.30								
Delta U	2.14								
Filter	300								

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

+Y

AMB-270/OPD-217 30g 11ms -Y

MD DP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.00

SHOCK LEVEL: G

30.64

CTL. MODE: HEIGHT

+100 mm

+3

LOCK

RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

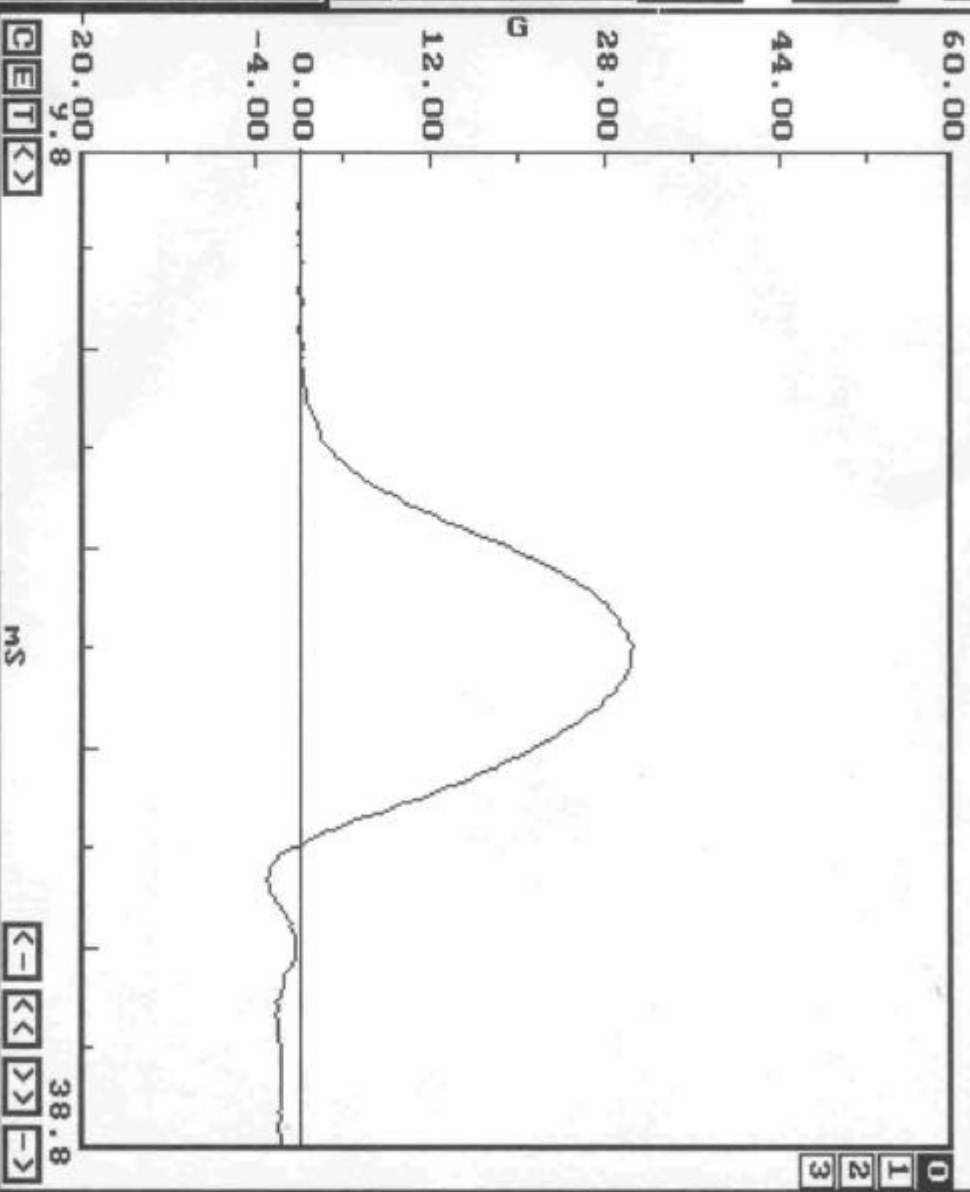
F7: PRINT

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 :	30.64											
Min Acc :	-3.00											
Dur. T :	11.00											
Delta U :	2.10											
Filter :	300											

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

AMB-270/OPD-217 30g 11ms +2

MD DP-1200

KING DESIGN Lab.

DURATION TIME: mS

11.10

SHOCK LEVEL: G

30.27

CTL. MODE: HEIGHT

+100 mm +30.48 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

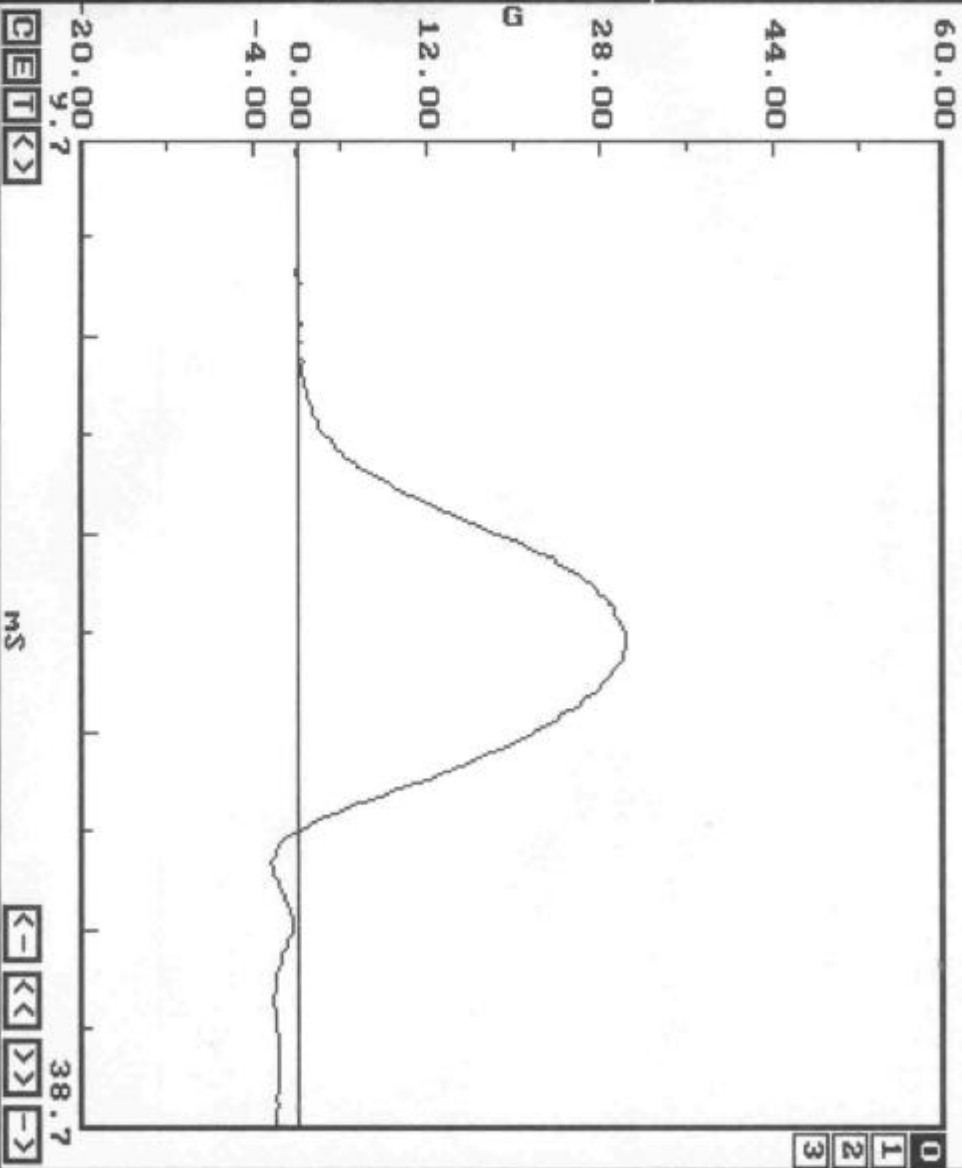
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete ?

Bhannel	0	DN	1	OFF	2	OFF	3	OFF
Title	CONTROL							
Max Acc	30.27							
Min Acc	-2.50							
Dur. T	11.10							
Delta U	2.09							
Filter	300							

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

+Z

AMB-278/OPD-217 38g 11ms -2

DP-1200

KING DESIGN Lab.

DURATION TIME: ms

10.90

SHOCK LEVEL: G

30.64

CTL. MODE: HEIGHT

+100 mm

+30.64 G

+3

+3

LOCK

RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

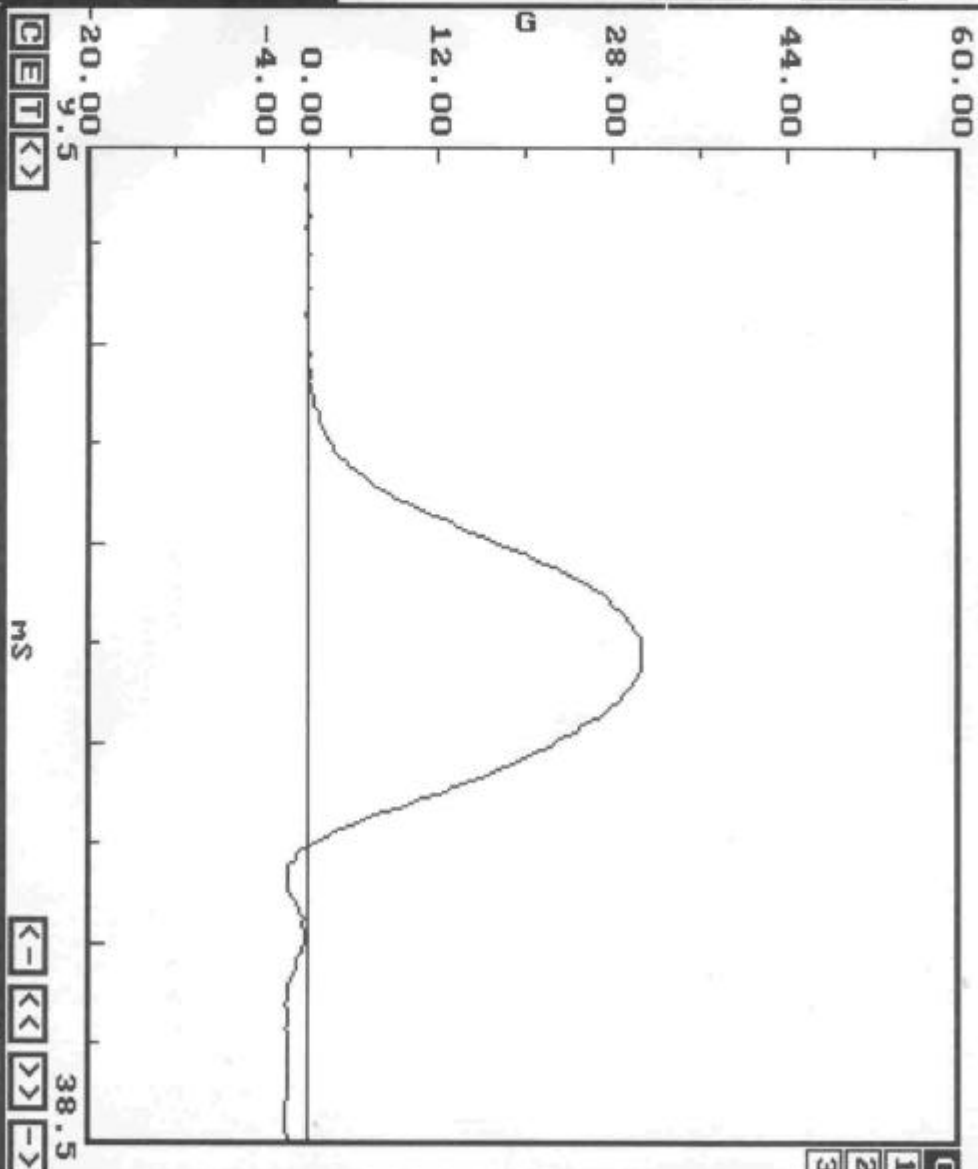
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete ?

Bhanel 1	0 - ON	1 - OFF	2 - OFF	3 - OFF	
Title :	CONTROL				
Max Acc :	30.64				G
Min Acc :	-1.88				G
Dur. T :	10.90				ms
Delta U :	2.09				m/s
Filter :	300				Hz

TEST FILE

TEST.PRA

REPORT FILE

TEST000.