

**KING DESIGN INDUSTRIAL CO., LTD.**

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**VIBRATION TEST LABORATORY**<http://www.kdi.tw><http://www.vibration.com.tw>

E-mail:service@kdi.tw

**TESTING / INSPECTION REPORT**

REPORT NO : ST-150508-1

COMPANY : AAEON Technology Inc.

ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.

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TEL : 886-2-8919-1234

FAX : 886-2-8919-1049

SPECIMEN : AGD-315D V2

DATE OF RECEIVED : 2015/05/08

DATE OF TESTED : 2015/05/08

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 :

*Te ty*

Approval Signatory :

*David Lee*

Laboratory Head :

*Hsin Tai Chang*

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## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,  
 S/N : KDS11054986  
 Controller : VCS-913<sup>+</sup>, S/N : 1312384  
 Control Accelerometer : Wilcoxon Research WR-777, S/N : 4208

### TEST ENVIRONMENT :

Temperature : 25°C (25±10°C)  
 Relative Humidity : 65 %RH (50±25% RH)

### SPECIMEN :

Model : AGD-315D V2  
 Quantity : 1 unit

### TEST SPECIFICATION :

#### *As per applicant's requirement*

Shock test (Operating)  
 Wave Form : Half Sine wave  
 Acceleration : 20 g  
 Duration Time : 11 mS  
 No. of Shock : Each axis 3 times  
 Shock Direction : ±X, ±Y, ±Z axis

### TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment <sup>(1)</sup>	√	---	---
Appearance check <sup>(2)</sup>	√	---	---
(1)—Bootling function was normal after the test. (2)—No visible damages were found.			

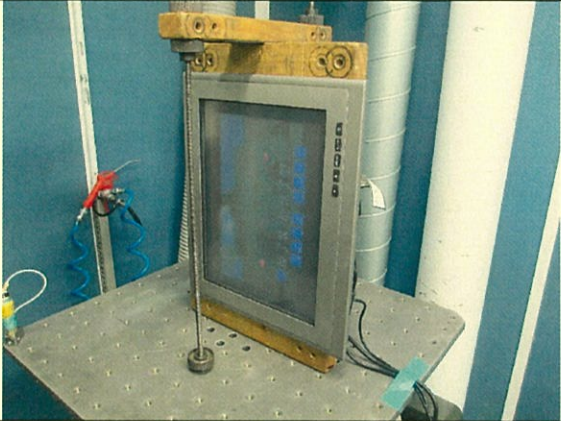

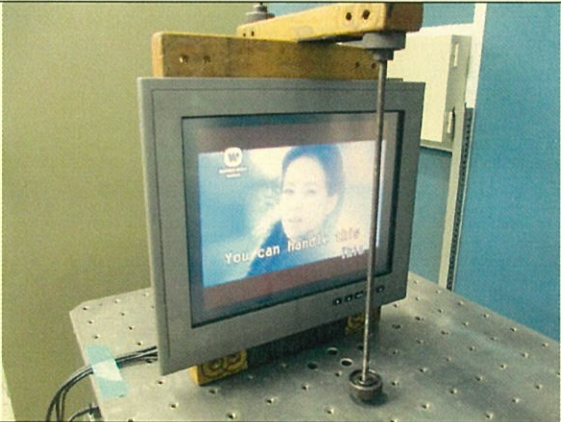

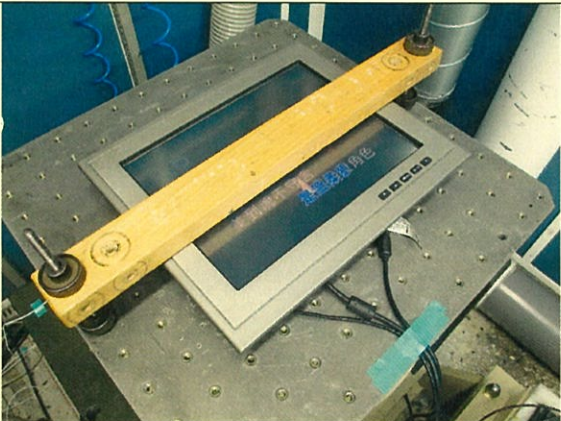

## TESTING / INSPECTION REPORT

### Testing photos

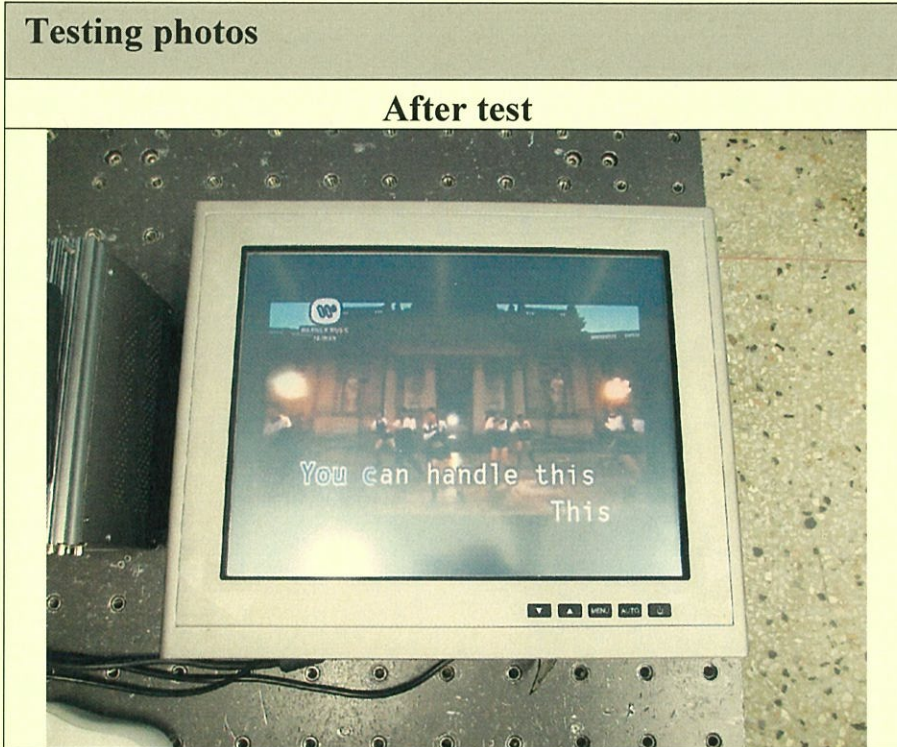
#### Tester

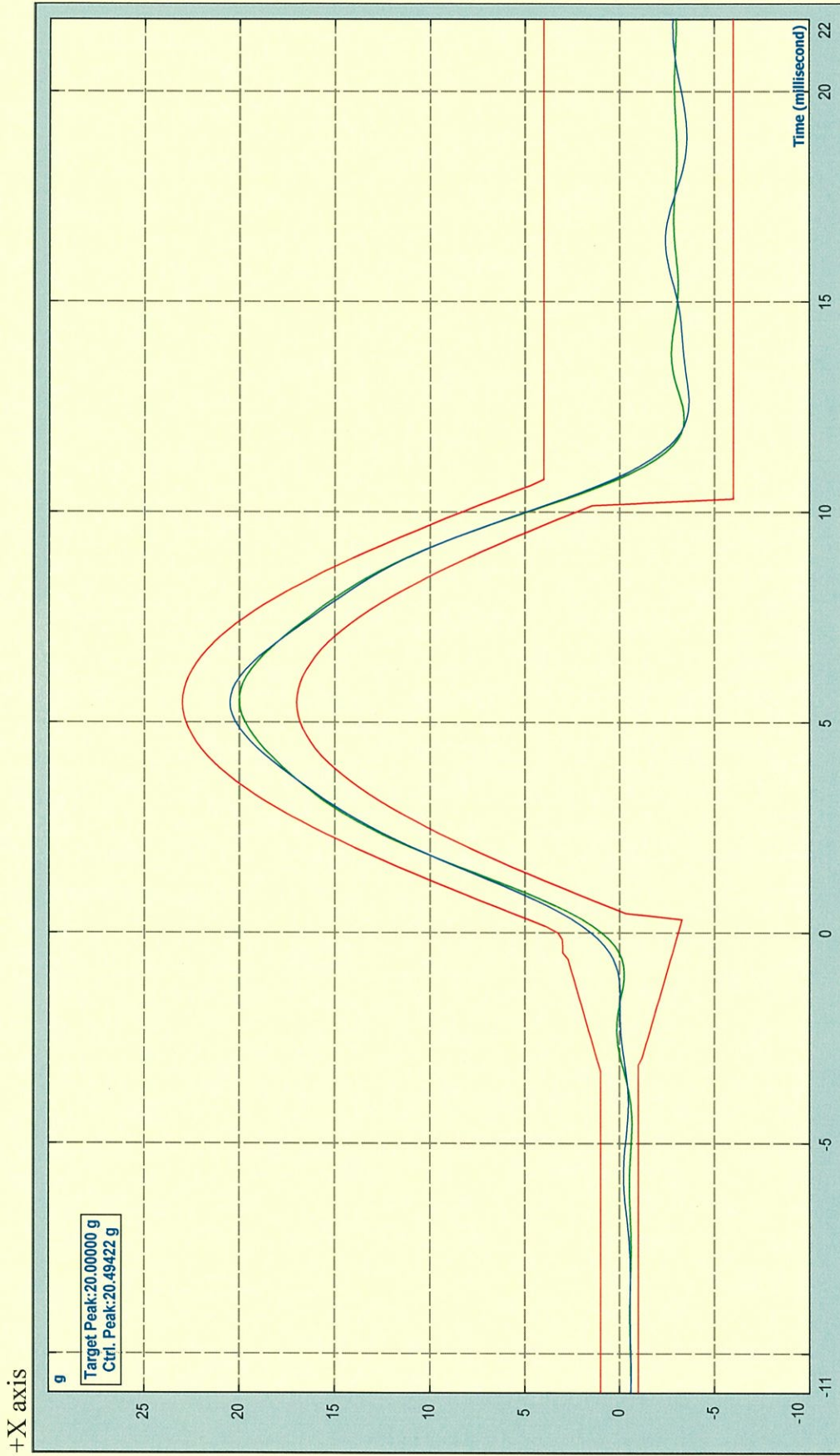


**TESTING / INSPECTION REPORT**

Testing photos	
<b>+X axis</b>	<b>-X axis</b>
	
<b>+Y axis</b>	<b>-Y axis</b>
	
<b>+Z axis</b>	<b>-Z axis</b>
	

## TESTING / INSPECTION REPORT

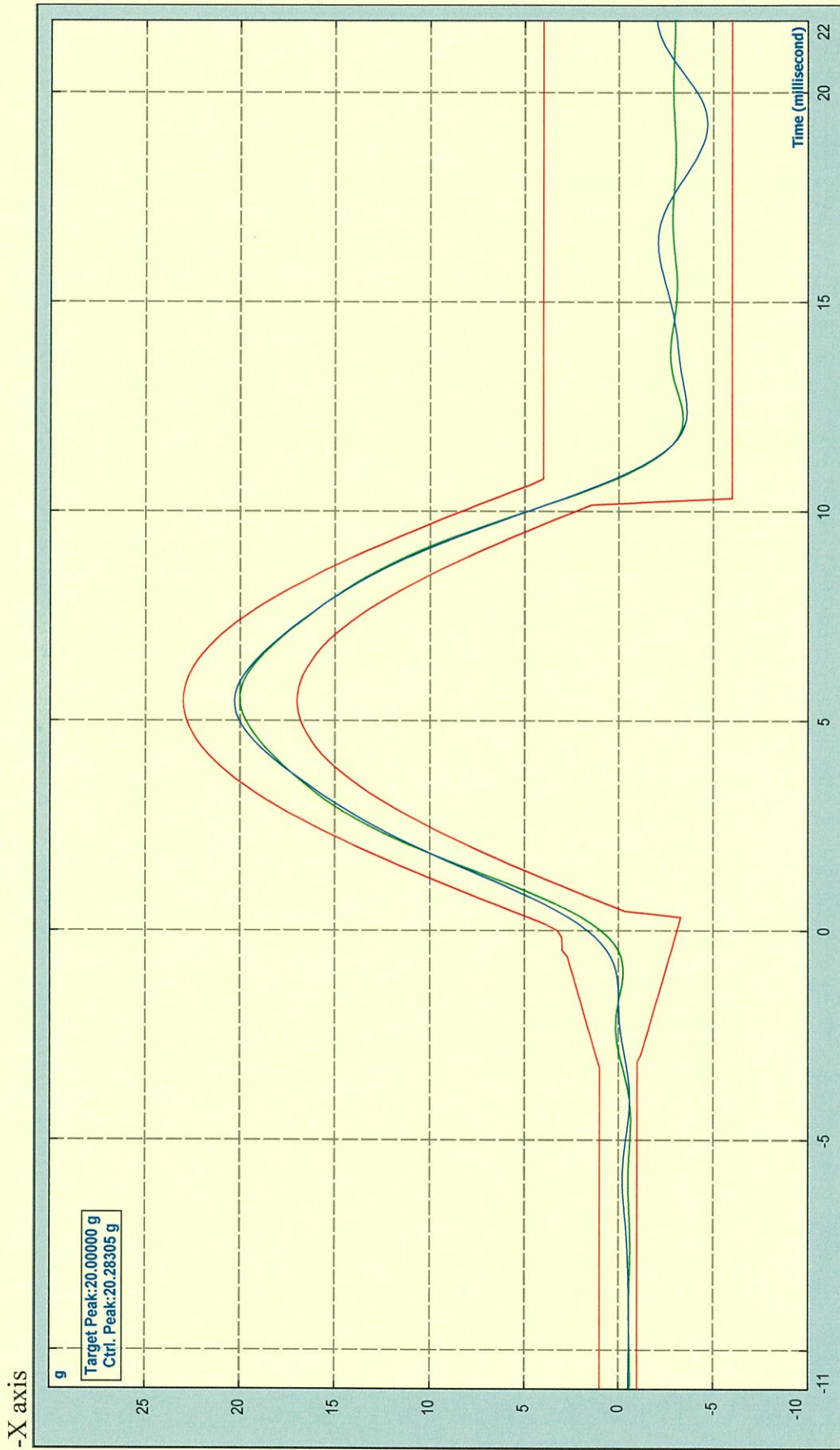




Level: 100.00 %  
Velocity Pk: 718.8 mm/s  
Control RMS: 2.055 g  
Full Level Elapsed: 3.0

Drive Pk: 1.184V  
Control Pk: 20.49 g  
Remaining: 0.0  
Pulse width: 11.00 ms

Est. Disp.: 18.64 mm Pk-Pk  
Target Pk: 20.00 g  
Total Elapsed: 18.0  
Measured Pulse width: 12.00934(ms)



-X axis

Level: 100.00 %

Velocity Pk: 717.0 mm/s

Control RMS: 2.055 g

Full Level Elapsed: 3.0

Drive Pk: 1.222V

Control Pk: 20.28 g

Remaining: 0.0

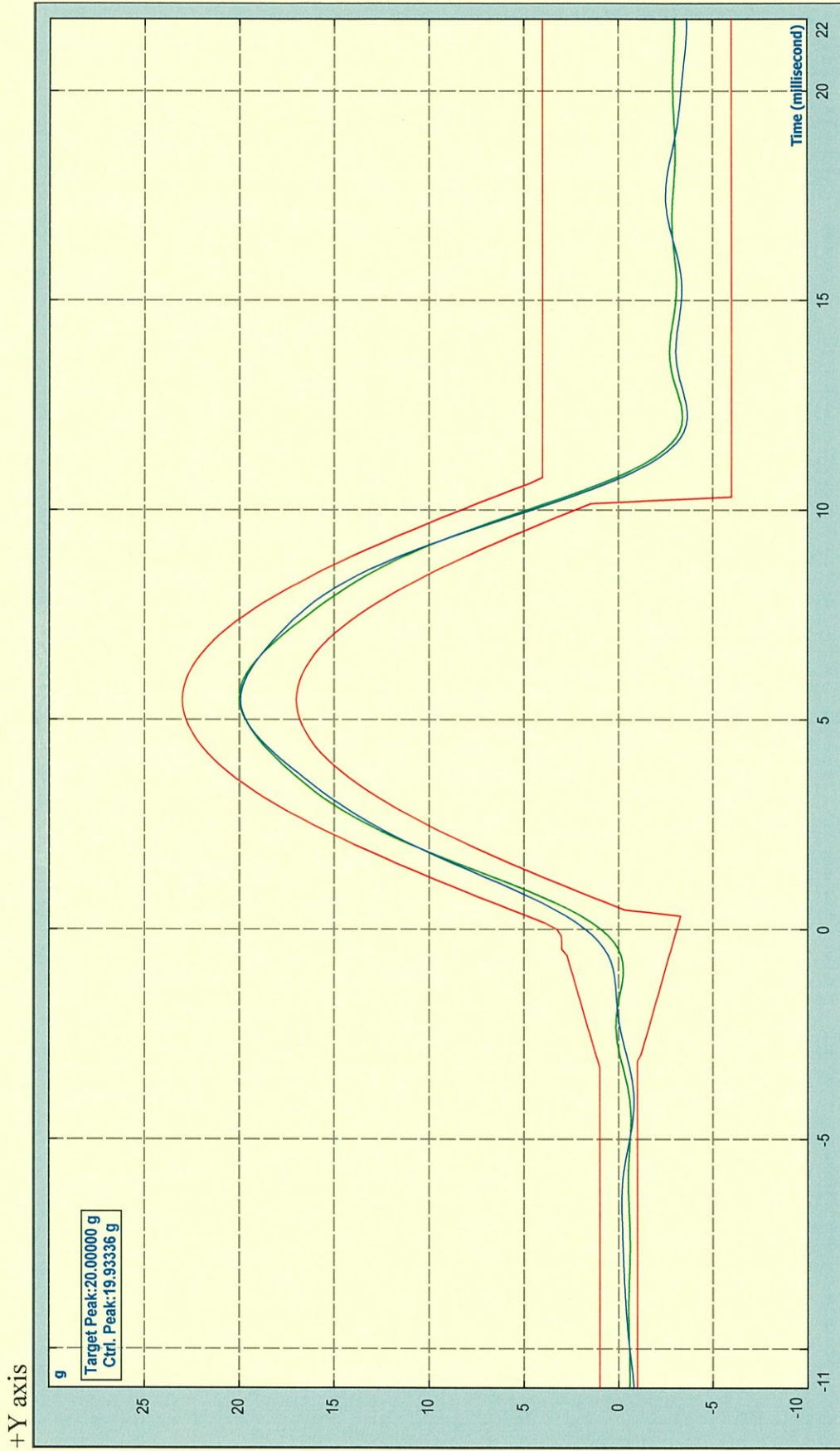
Pulse width: 11.00 ms

Est. Disp. : 18.52 mm Pk-Pk

Target Pk: 20.00 g

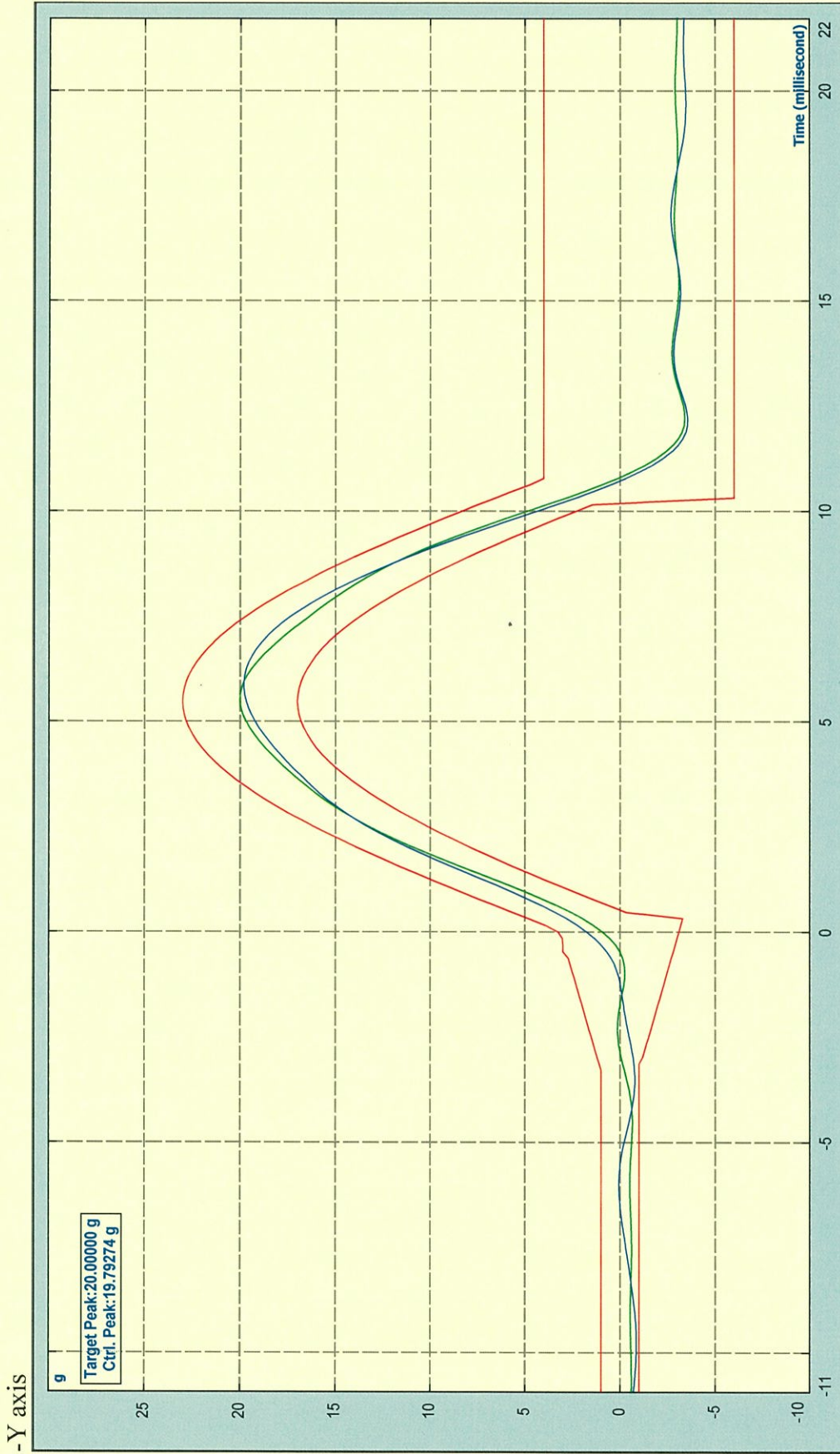
Total Elapsed: 18.0

Measured Pulse width: 12.33361(ms)

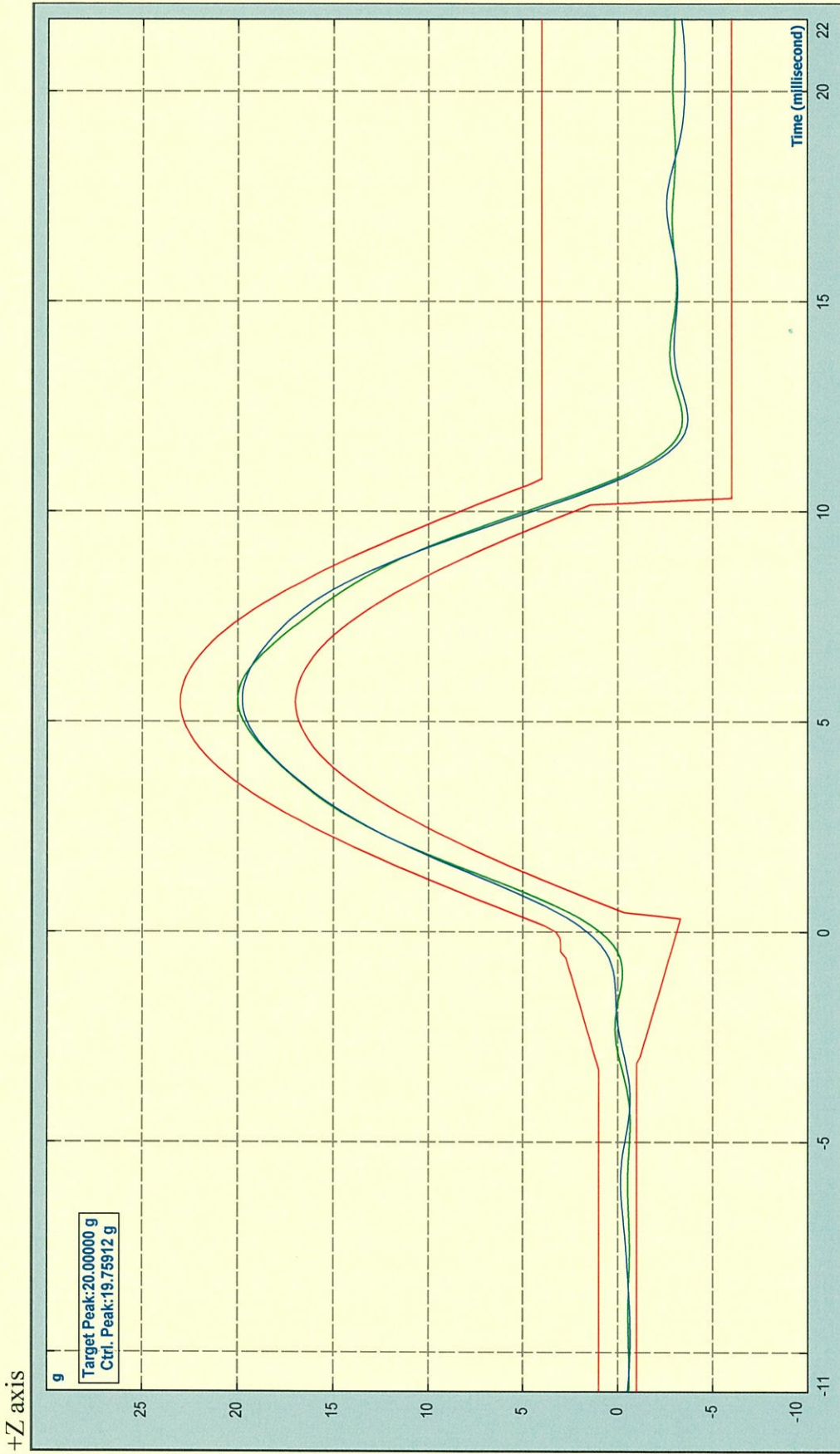


Level: 100.00 %	Drive Pk: 1.258V	Est. Disp. : 18.43 mm Pk-Pk
Velocity Pk: 721.6 mm/s	Control Pk: 19.93 g	Target Pk: 20.00 g
Control RMS: 2.048 g	Remaining: 0.0	Total Elapsed: 18.0
Full Level Elapsed: 3.0	Pulse width: 11.00 ms	Measured Pulse width: 12.88879(ms)

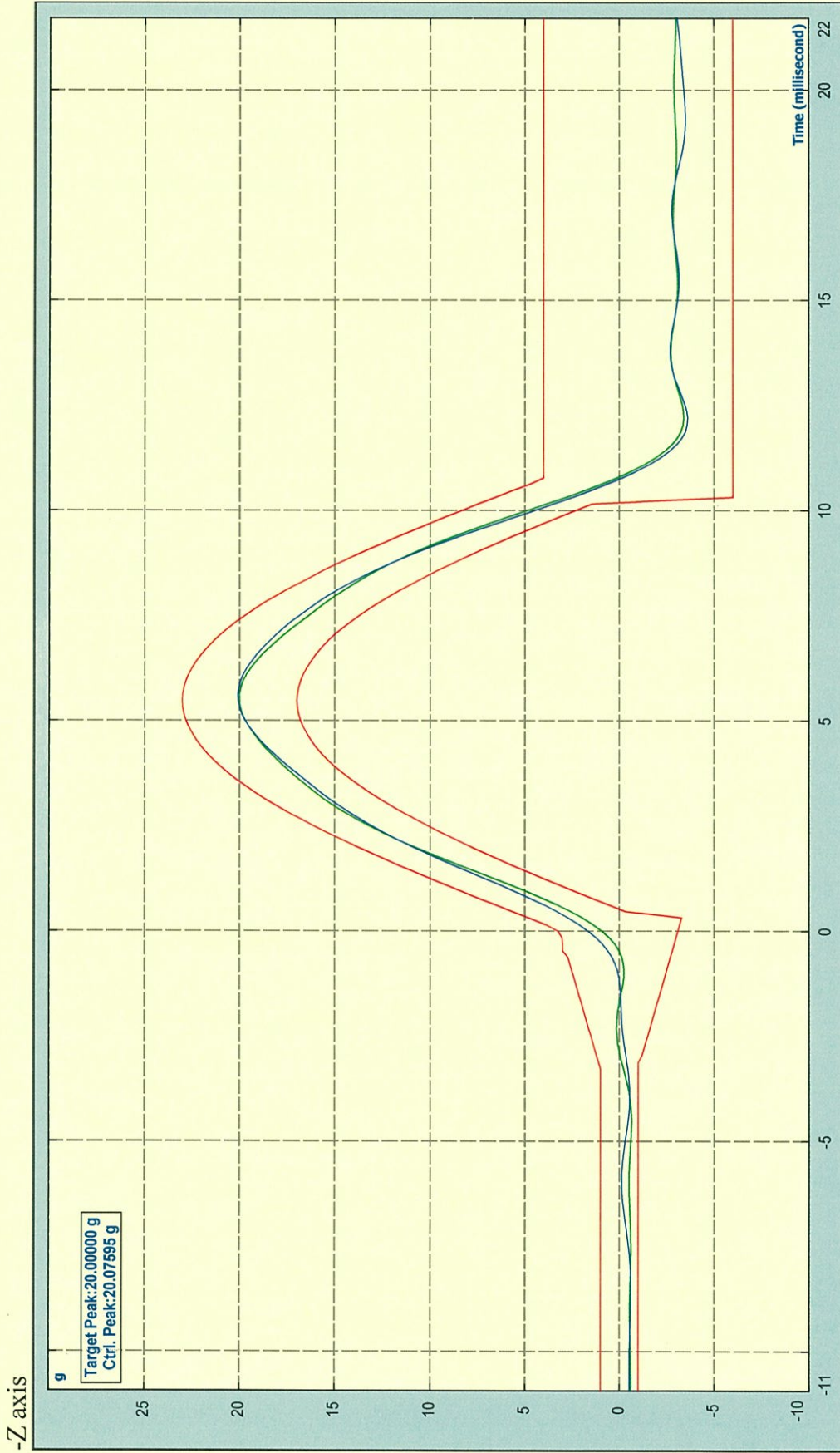




Level: 100.00 %	Drive Pk: 1.198V	Est. Disp. : 18.49 mm Pk-Pk
Velocity Pk: 720.1 mm/s	Control Pk: 19.79 g	Target Pk: 20.00 g
Control RMS: 2.054 g	Remaining: 0.0	Total Elapsed: 18.0
Full Level Elapsed: 3.0	Pulse width: 11.00 ms	Measured Pulse width: 11.94748(ms)



Level: 100.00 %	Drive Pk: 1.227V	Est. Disp. : 18.49 mm Pk-Pk
Velocity Pk: 723.3 mm/s	Control Pk: 19.76 g	Target Pk: 20.00 g
Control RMS: 2.056 g	Remaining: 0.0	Total Elapsed: 18.0
Full Level Elapsed: 3.0	Pulse width: 11.00 ms	Measured Pulse width: 12.93715(ms)



Level: 100.00 %      Drive Pk: 1.240V      Est. Disp. : 18.53 mm Pk-Pk  
 Velocity Pk: 718.6 mm/s      Control Pk: 20.08 g      Target Pk: 20.00 g  
 Control RMS: 2.050 g      Remaining: 0.0      Total Elapsed: 18.0  
 Full Level Elapsed: 3.0      Pulse width: 11.00 ms      Measured Pulse width: 11.90454(ms)

-END-