

**KING DESIGN INDUSTRIAL CO., LTD.**4F, NO. 3, Lane 270, Pei Shen Road Sec. 3,  
Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C  
TEL: 886-2-2662-5100 FAX: 886-2-2662-3094**VIBRATION TEST LABORATORY**<http://www.kdi.tw>  
<http://www.vibration.com.tw>  
E-mail:service@kdi.tw**TESTING / INSPECTION REPORT**

REPORT NO : ST-150226-2

COMPANY : AAEON Technology Inc.  
ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.  
Hsin-Tien Dist, New Taipei City, 231 Taiwan, R. O. C.  
TEL : 886-2-8919-1234  
FAX : 886-2-8919-1049  
SPECIMEN : AHP-1154 (With 2.5" SATA HDD)  
DATE OF RECEIVED : 2015/02/26  
DATE OF TESTED : 2015/02/26

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 :<br><i>Te by</i>        |   |
| Approval Signatory<br><i>David Lee</i> | Laboratory Head :<br><i>Wen Tai Chang</i> |

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E-mail:service@kdi.tw**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 : 4207**TEST ENVIRONMENT :**Temperature : 25°C (25±10°C)  
Relative Humidity : 65 %RH (50±25% RH)**SPECIMEN :**Model : AHP-1154 (With 2.5" SATA HDD)  
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)—Booting function was normal after the test.

(2)—No visible damages were found.

## TESTING / INSPECTION REPORT

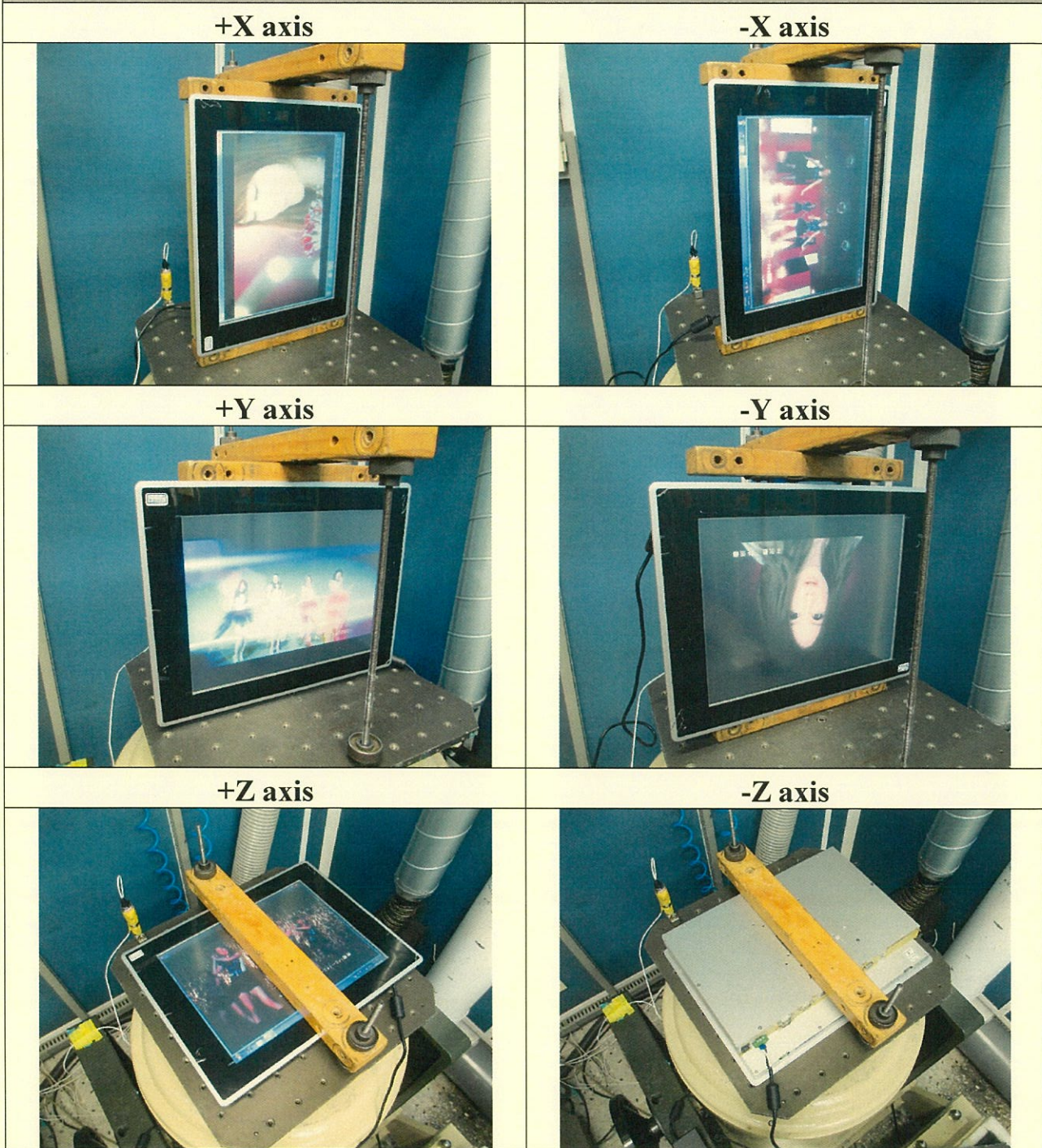
### Testing photos

#### Tester



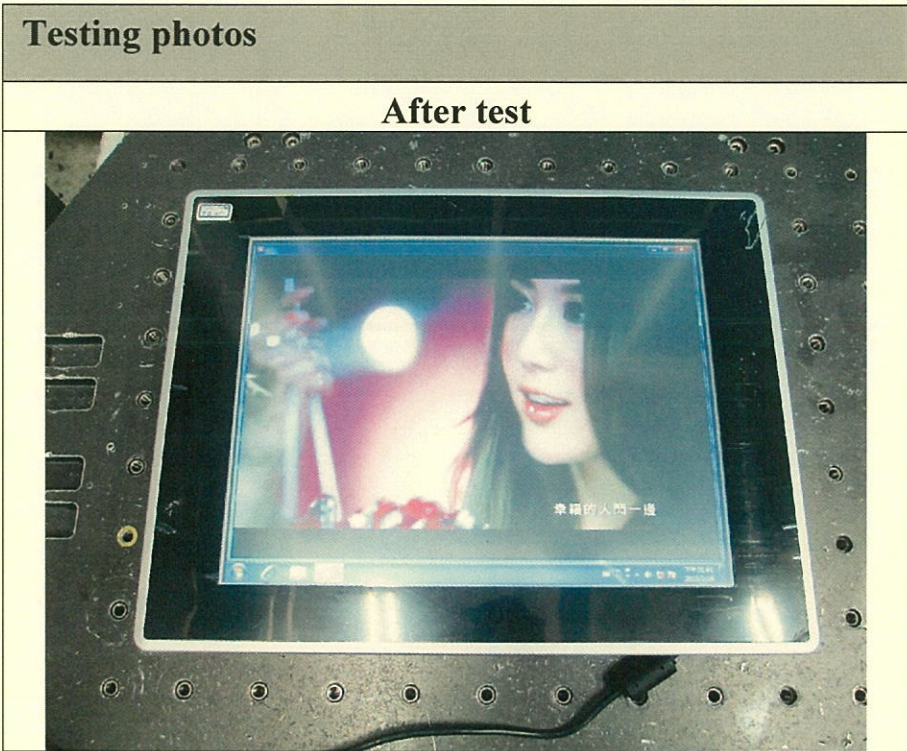
TESTING / INSPECTION REPORT

Testing photos

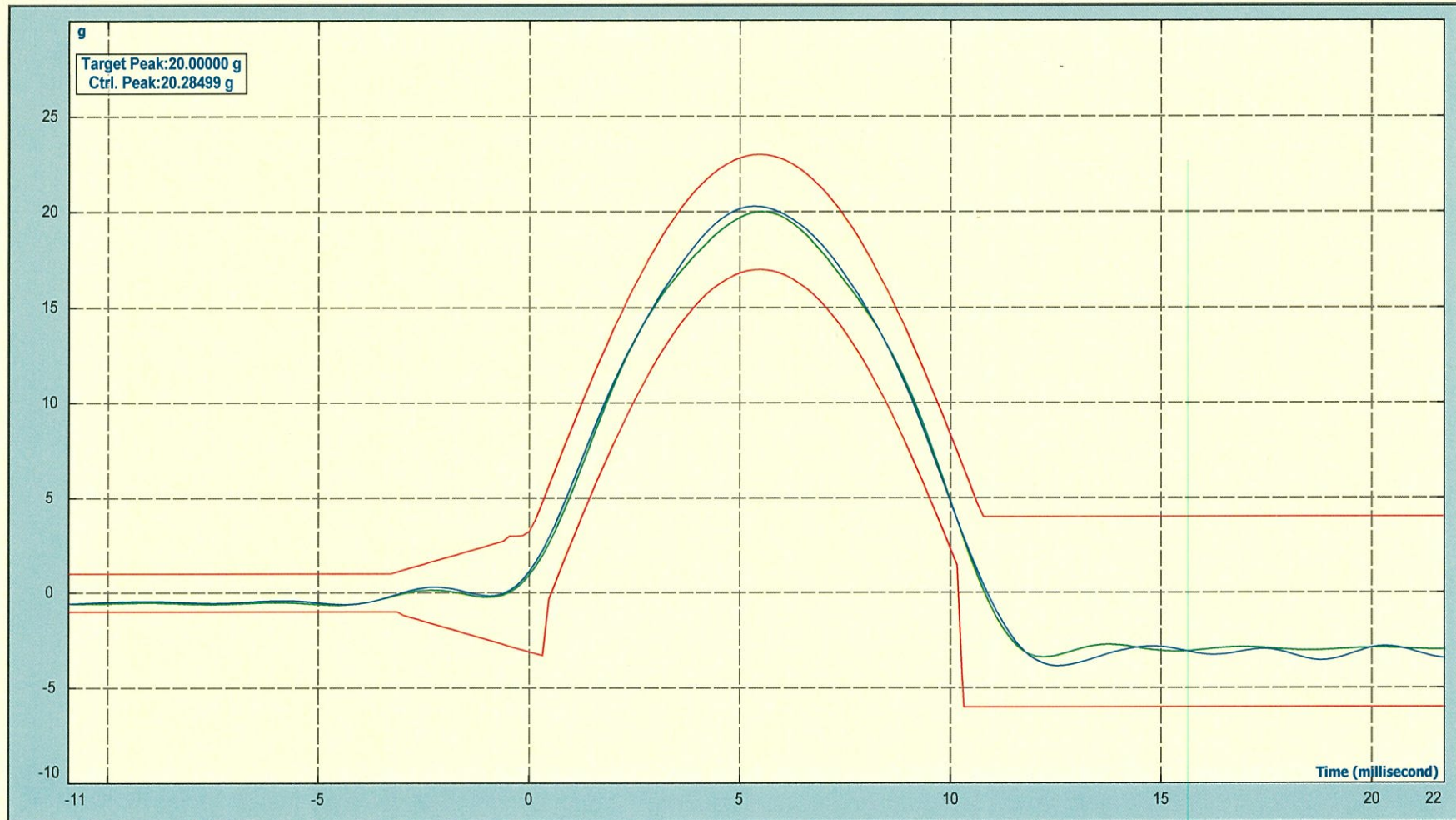


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## TESTING / INSPECTION REPORT



+X axis



Level: 100.00 %

Velocity Pk: 0.725 m/s

Control RMS: 2.068 g

Full Level Elapsed: 3.0

Drive Pk: 0.888V

Control Pk: 20.28 g

Remaining: 0.0

Pulse width: 11.00 ms

Est. Disp. : 18.57 mm Pk-Pk

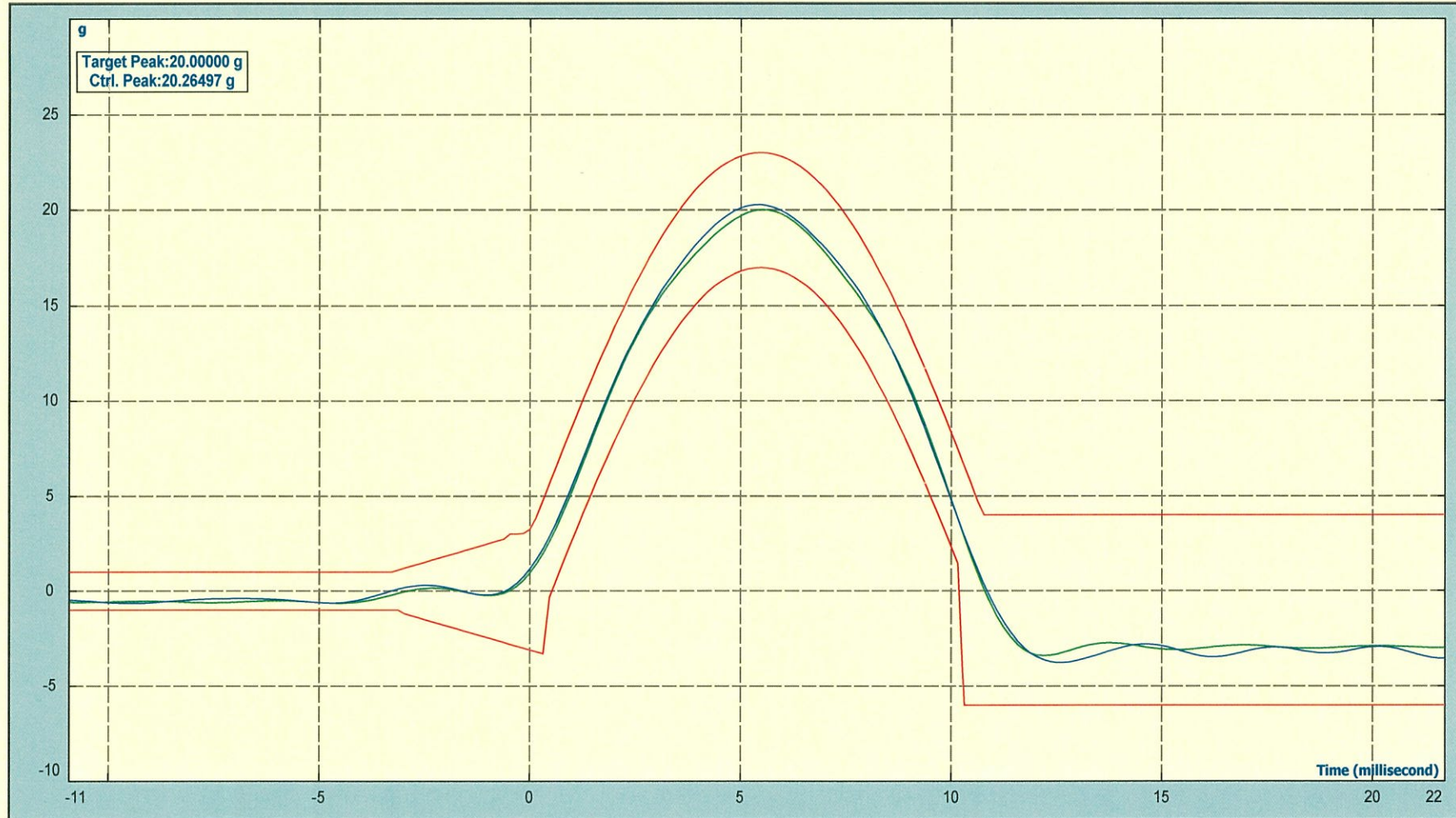
Target Pk: 20.00 g

Total Elapsed: 19.0

Measured Pulse width: 11.43908(ms)



-X axis



Level: 100.00 %

Velocity Pk: 0.726 m/s

Control RMS: 2.066 g

Full Level Elapsed: 3.0

Drive Pk: 0.891V

Control Pk: 20.26 g

Remaining: 0.0

Pulse width: 11.00 ms

Est. Disp. : 18.63 mm Pk-Pk

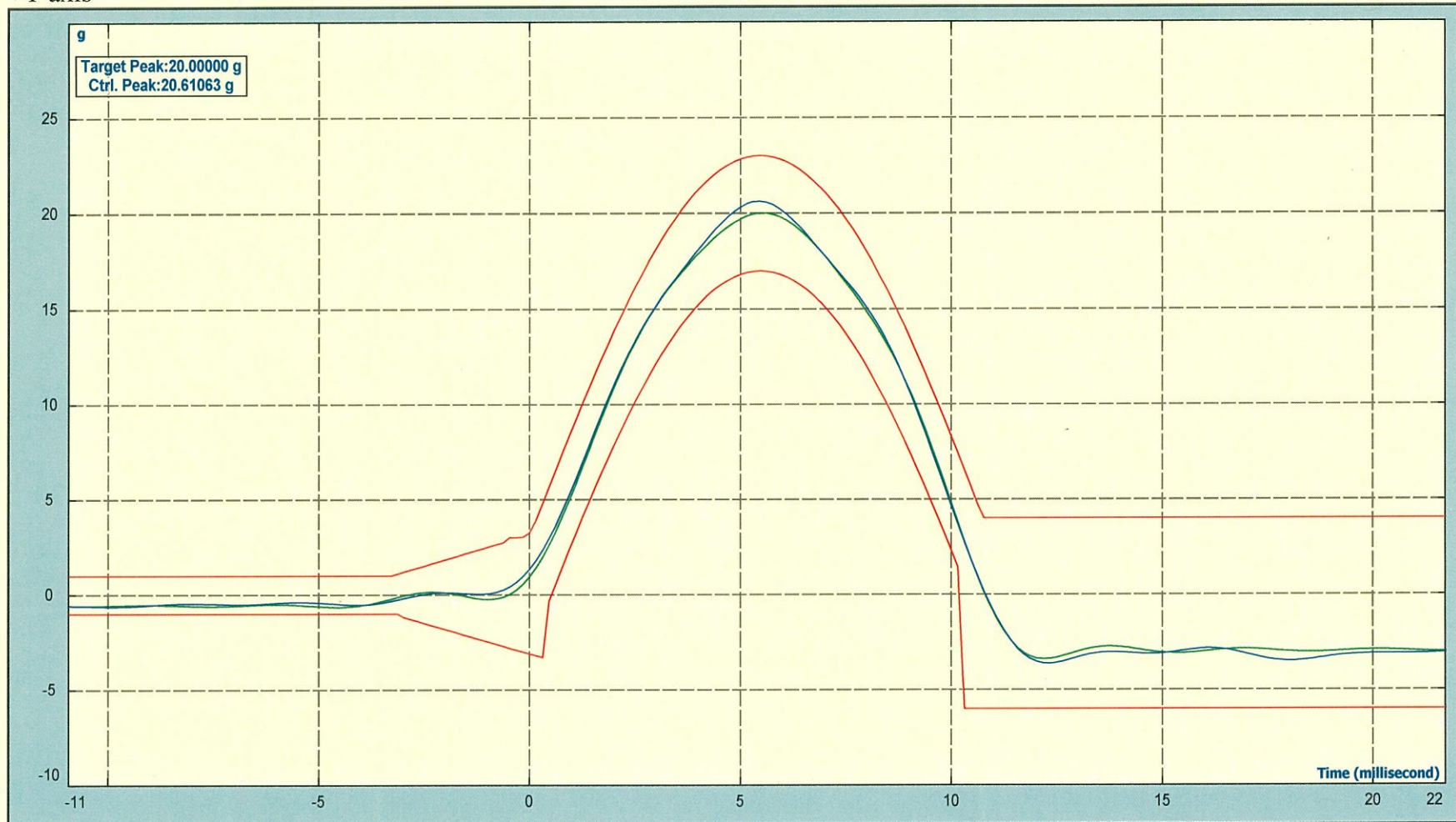
Target Pk: 20.00 g

Total Elapsed: 19.0

Measured Pulse width: 11.43842(ms)



+Y axis



Level: 100.00 %  
Velocity Pk: 0.725 m/s  
Control RMS: 2.067 g  
Full Level Elapsed: 3.0

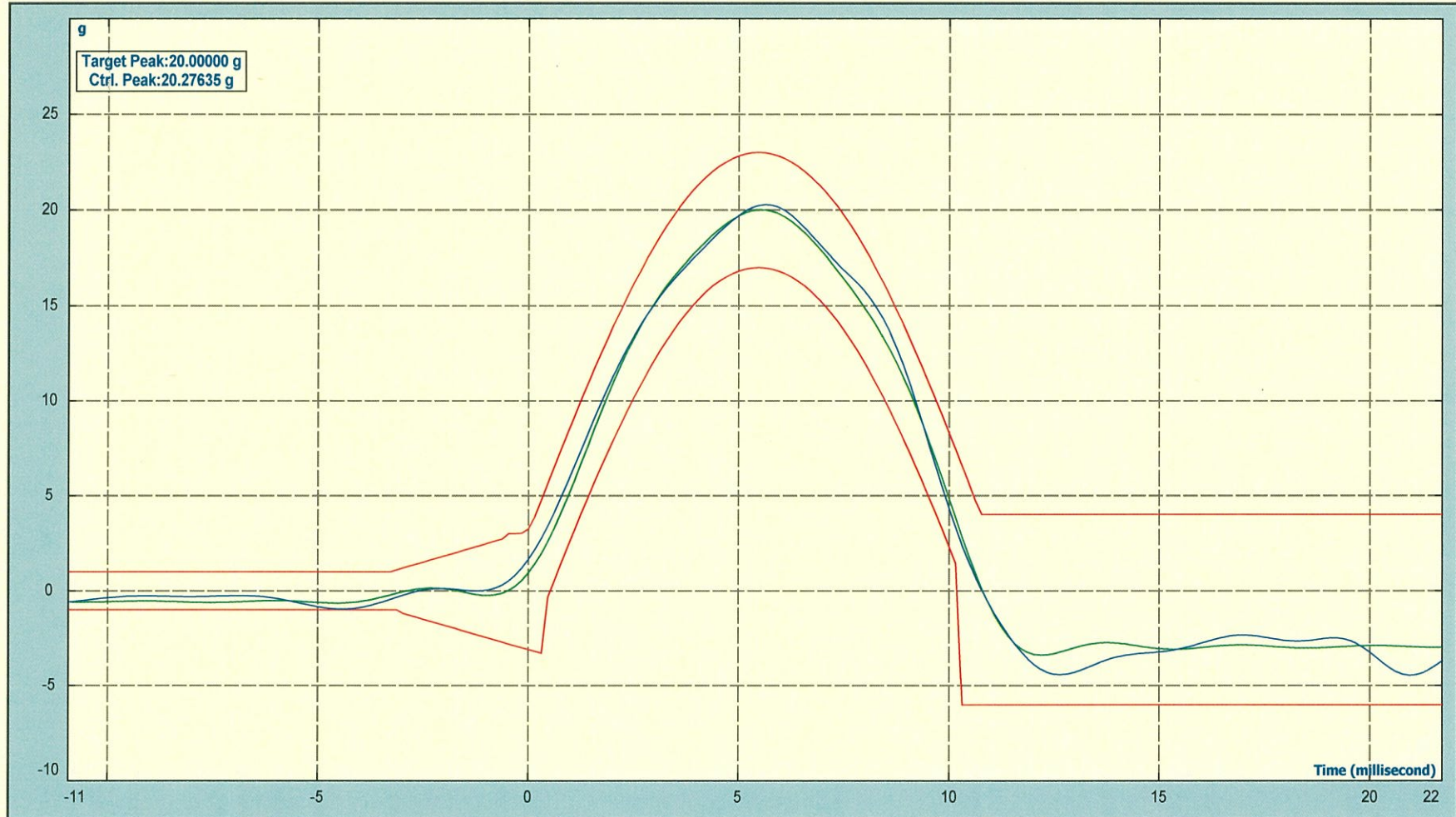
Drive Pk: 0.913V  
Control Pk: 20.61 g  
Remaining: 0.0  
Pulse width: 11.00 ms

Est. Disp. : 18.54 mm Pk-Pk  
Target Pk: 20.00 g  
Total Elapsed: 18.0  
Measured Pulse width: 13.33337(ms)





-Y axis



Level: 100.00 %

Velocity Pk: 0.725 m/s

Control RMS: 2.083 g

Full Level Elapsed: 3.0

Drive Pk: 0.950V

Control Pk: 20.28 g

Remaining: 0.0

Pulse width: 11.00 ms

Est. Disp. : 18.59 mm Pk-Pk

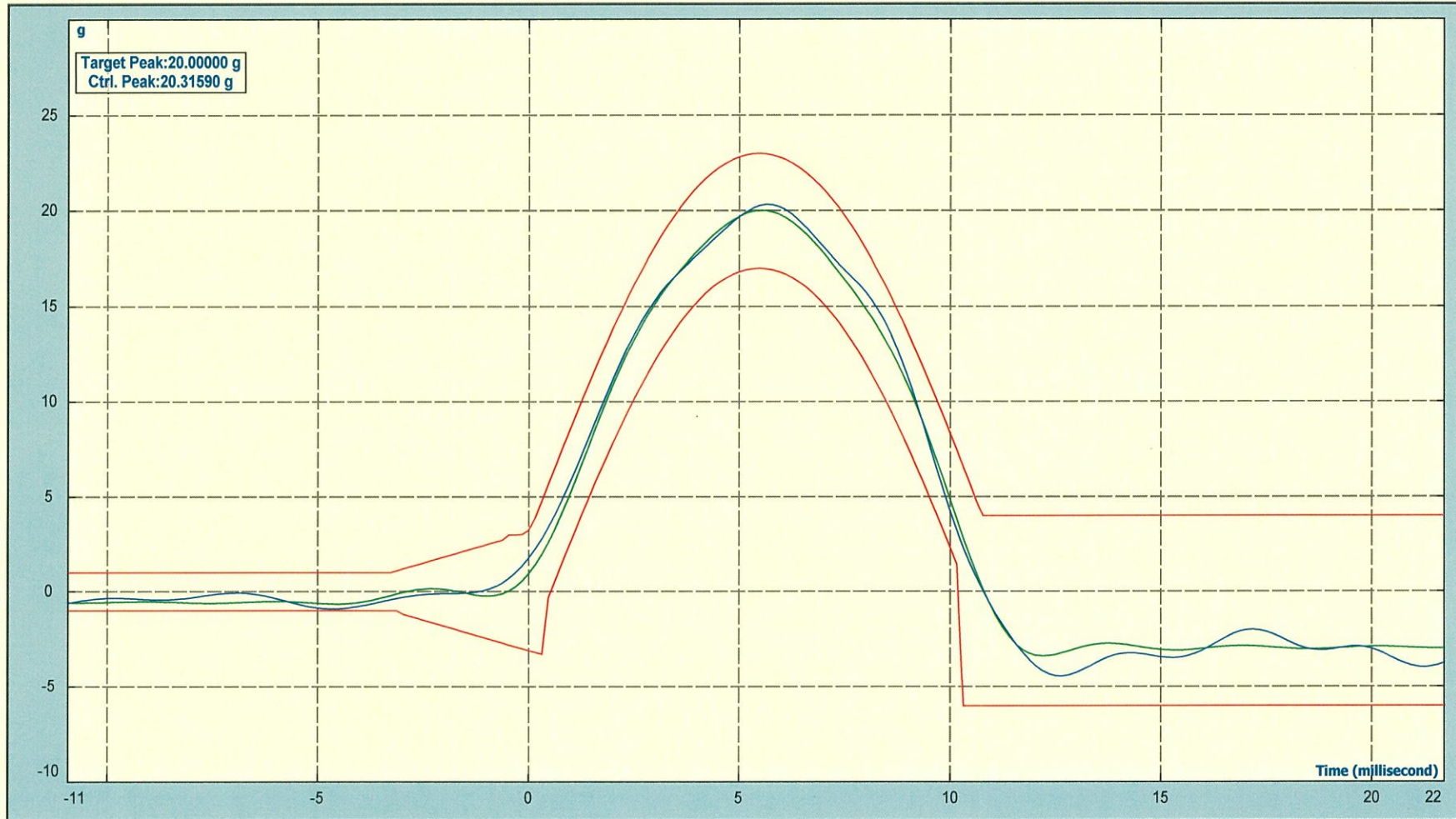
Target Pk: 20.00 g

Total Elapsed: 18.0

Measured Pulse width: 11.89121(ms)



+Z axis



Level: 100.00 %

Velocity Pk: 0.726 m/s

Control RMS: 2.082 g

Full Level Elapsed: 3.0

Drive Pk: 0.949V

Control Pk: 20.32 g

Remaining: 0.0

Pulse width: 11.00 ms

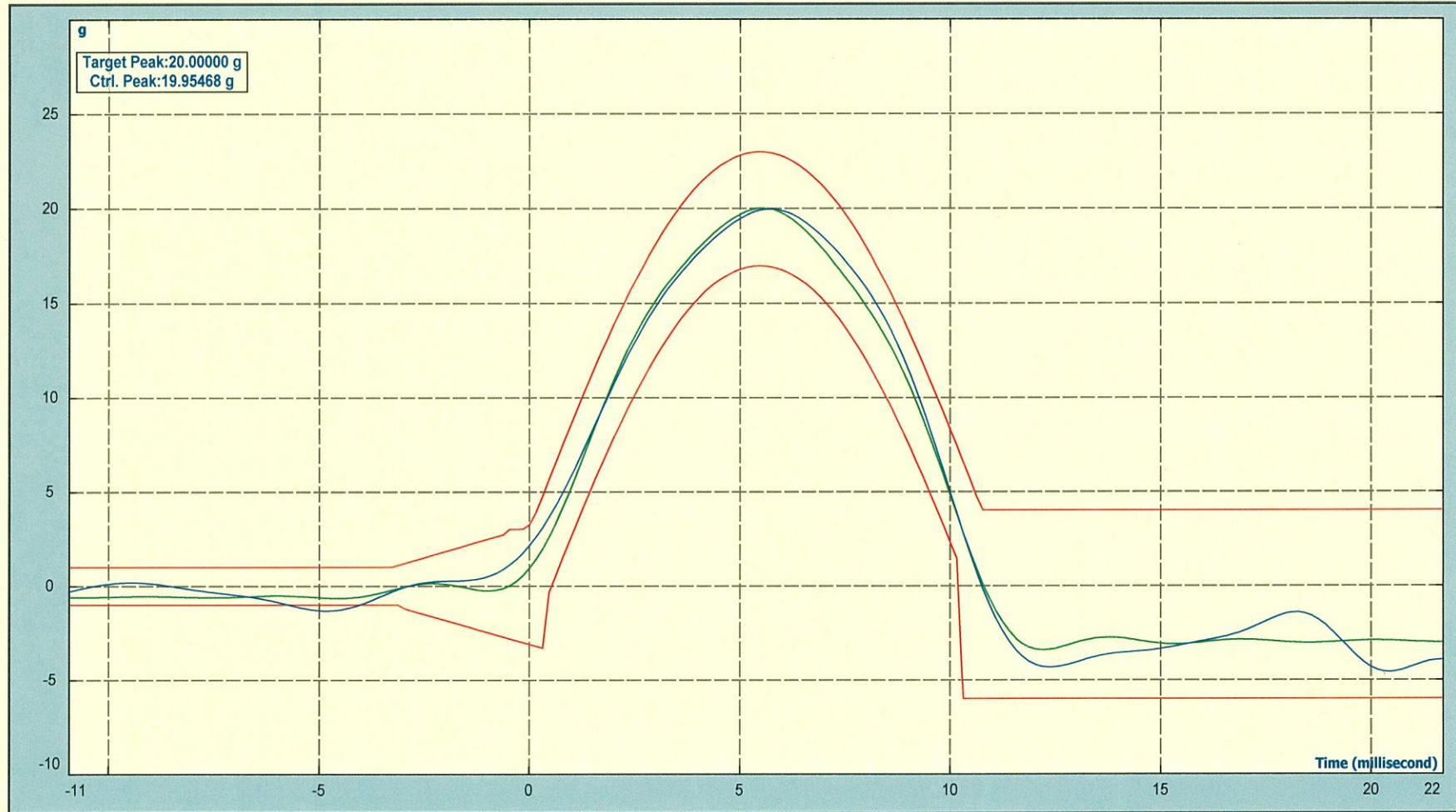
Est. Disp. : 18.60 mm Pk-Pk

Target Pk: 20.00 g

Total Elapsed: 18.0

Measured Pulse width: 11.91420(ms)

-Z axis



Level: 100.00 %

Velocity Pk: 0.726 m/s

Control RMS: 2.091 g

Full Level Elapsed: 3.0

-END-

Drive Pk: 0.959V

Control Pk: 19.95 g

Remaining: 0.0

Pulse width: 11.00 ms

Est. Disp. : 18.57 mm Pk-Pk

Target Pk: 20.00 g

Total Elapsed: 18.0

Measured Pulse width: 13.60966(ms)