

KING DESIGN INDUSTRIAL CO., LTD.
4F, NO. 3, Lane 270, Pei Shen Road Sec. 3,
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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

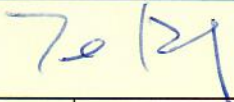

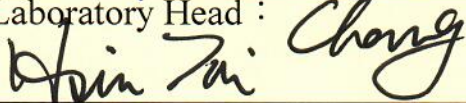
REPORT NO : ST-161202-1

COMPANY : AAEON Technology Inc.
ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.
Hsin-Tien City, Taipei, Taiwan, R. O. C.
TEL : 886-2-8919-1234
FAX : 886-2-8919-1049
SPECIMEN : RTC-1200SK
DATE OF RECEIVED : 2016/12/01
DATE OF TESTED : 2016/12/02

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 : 	
Approval Signatory : 	Laboratory Head : 

金頓科技實驗室騎

TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054783
Controller : VCS-913+, S/N : 1312416
Control Accelerometer : Wilcoxon Research WR-777, S/N : 4208
Calibration Date : 2016/11/25

TEST ENVIRONMENT :

Temperature : 27°C (25±10°C)
Relative Humidity : 68 %RH (50±25% RH)

SPECIMEN :

Model : RTC-1200SK
Quantity : 1 unit

TEST SPECIFICATION :

Reference to MIL-STD 810G 516.6 Procedure I

Shock test (Operating)
Wave Form : Sawtooth wave
Acceleration : 40 g
Duration Time : 11 mS
No. of Shock : Each axis 3 times
Shock Direction : ±X, ±Y, ±Z axis

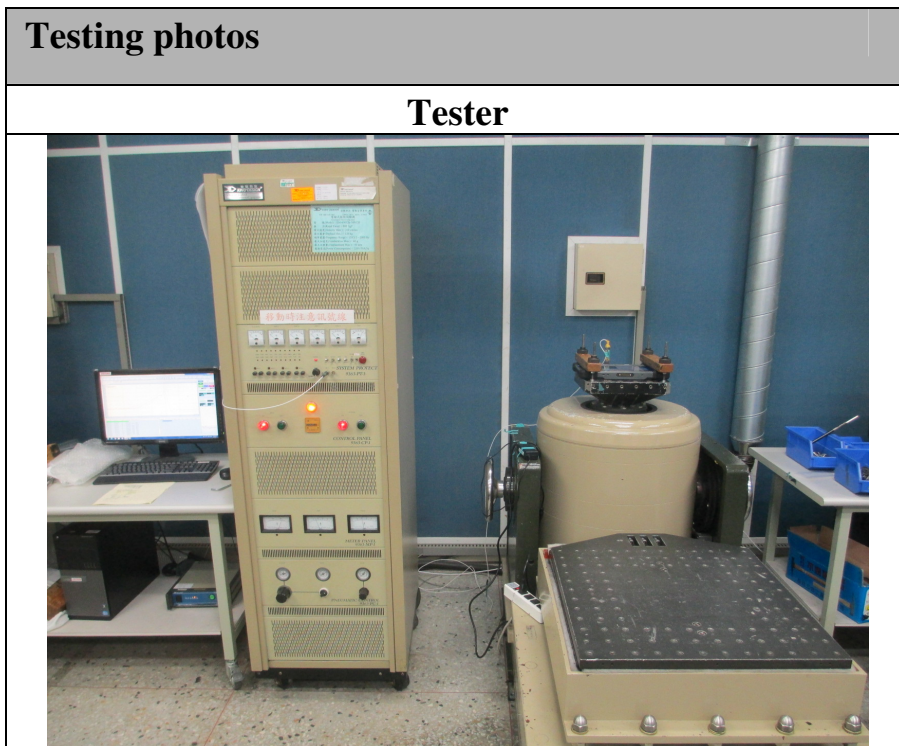
TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---

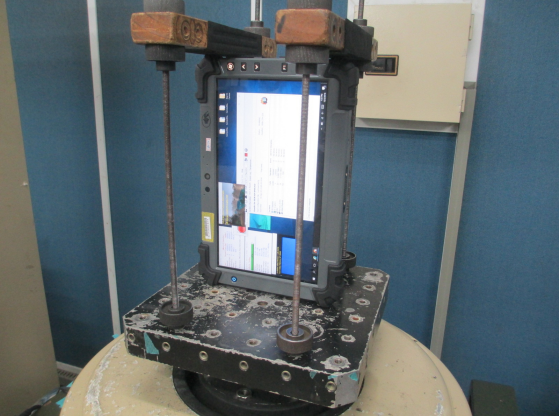
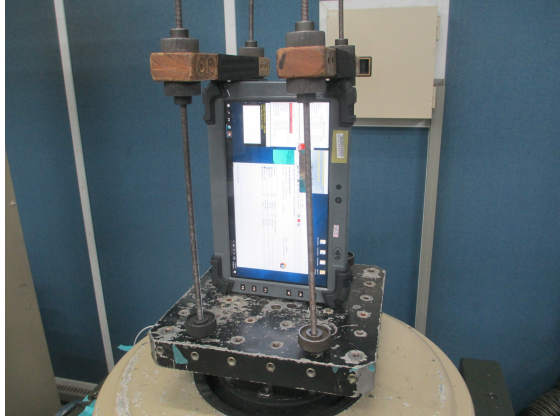




(1)—Bootting function was normal after the test.

(2)—No visible damages were found.

TESTING / INSPECTION REPORT



TESTING / INSPECTION REPORT

Testing photos	
+X axis	-X axis
	
+Y axis	-Y axis
	
+Z axis	-Z axis
	

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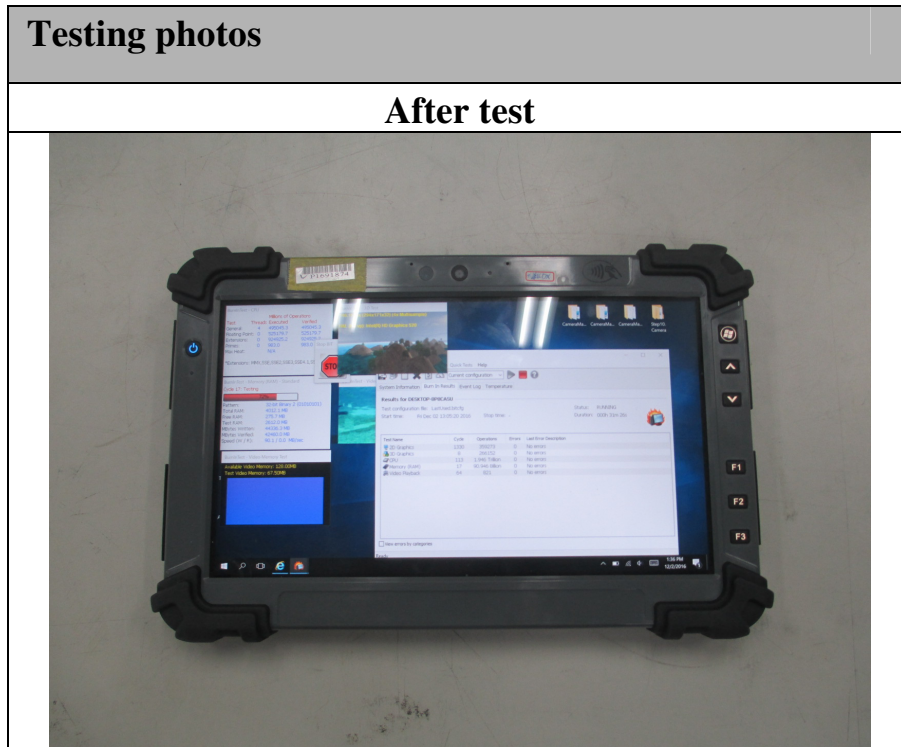
VIBRATION TEST LABORATORY

<http://www.kdi.tw>

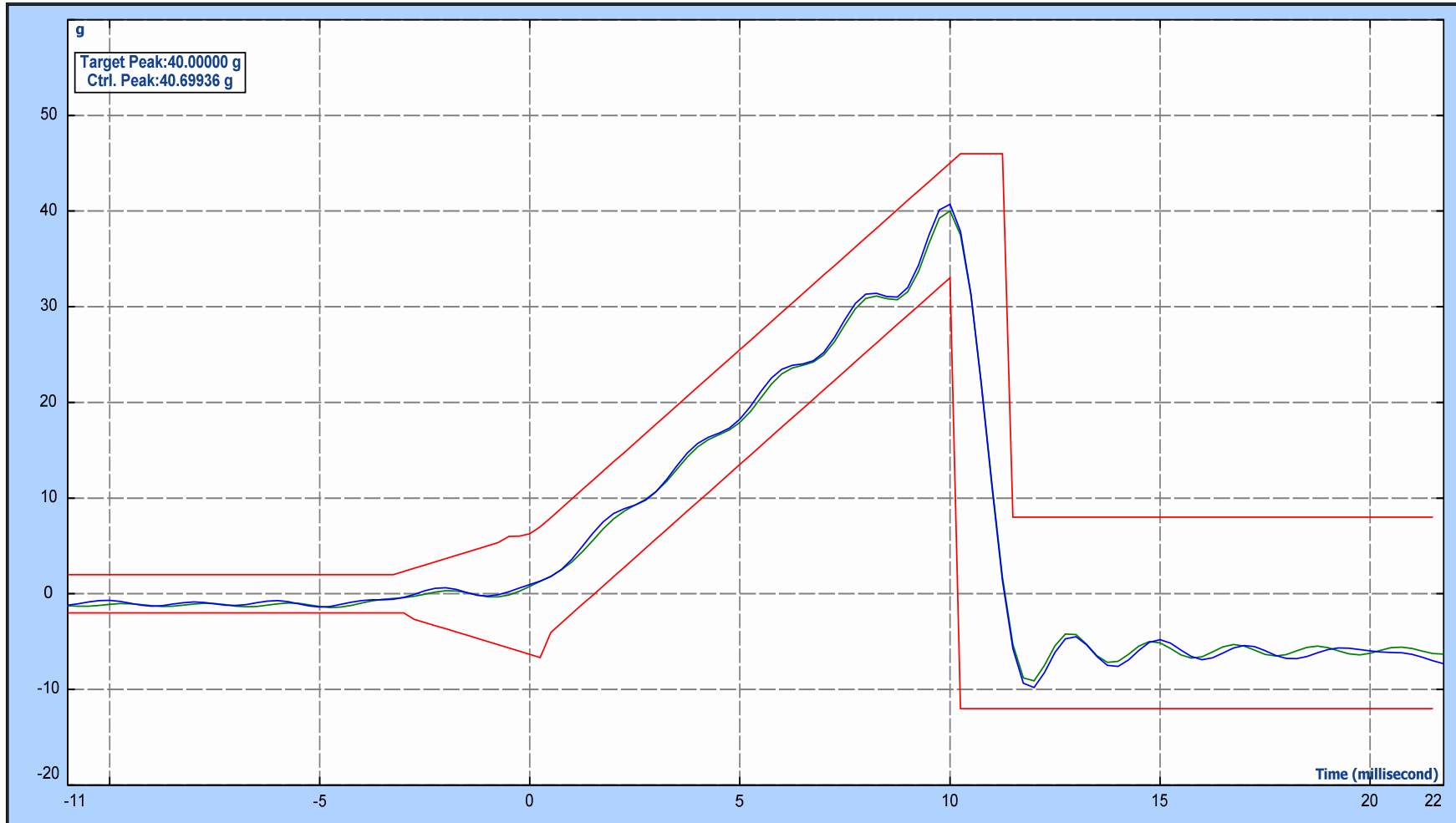
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TESTING / INSPECTION REPORT



+X axis



Level: 100.00 %

Velocity Pk: 1207.9 mm/s

Control RMS: 3.929 g

Full Level Elapsed: 3.0

Drive Pk: 3.785V

Control Pk: 40.70 g

Remaining: 0.0

Pulse width: 11.00 ms

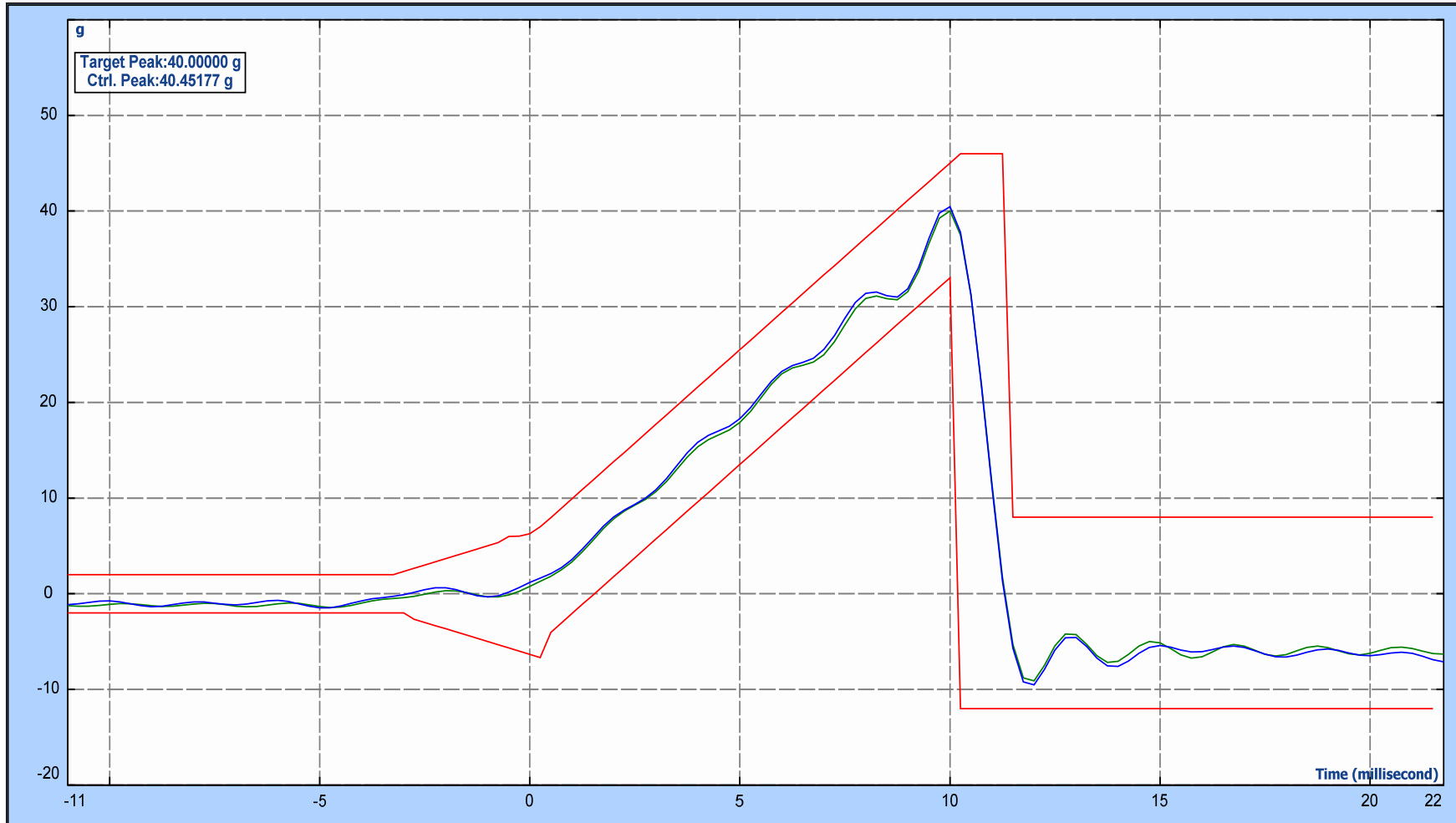
Est. Disp. : 24.21 mm Pk-Pk

Target Pk: 40.00 g

Total Elapsed: 19.0

Measured Pulse width: 11.96186(ms)

-X axis

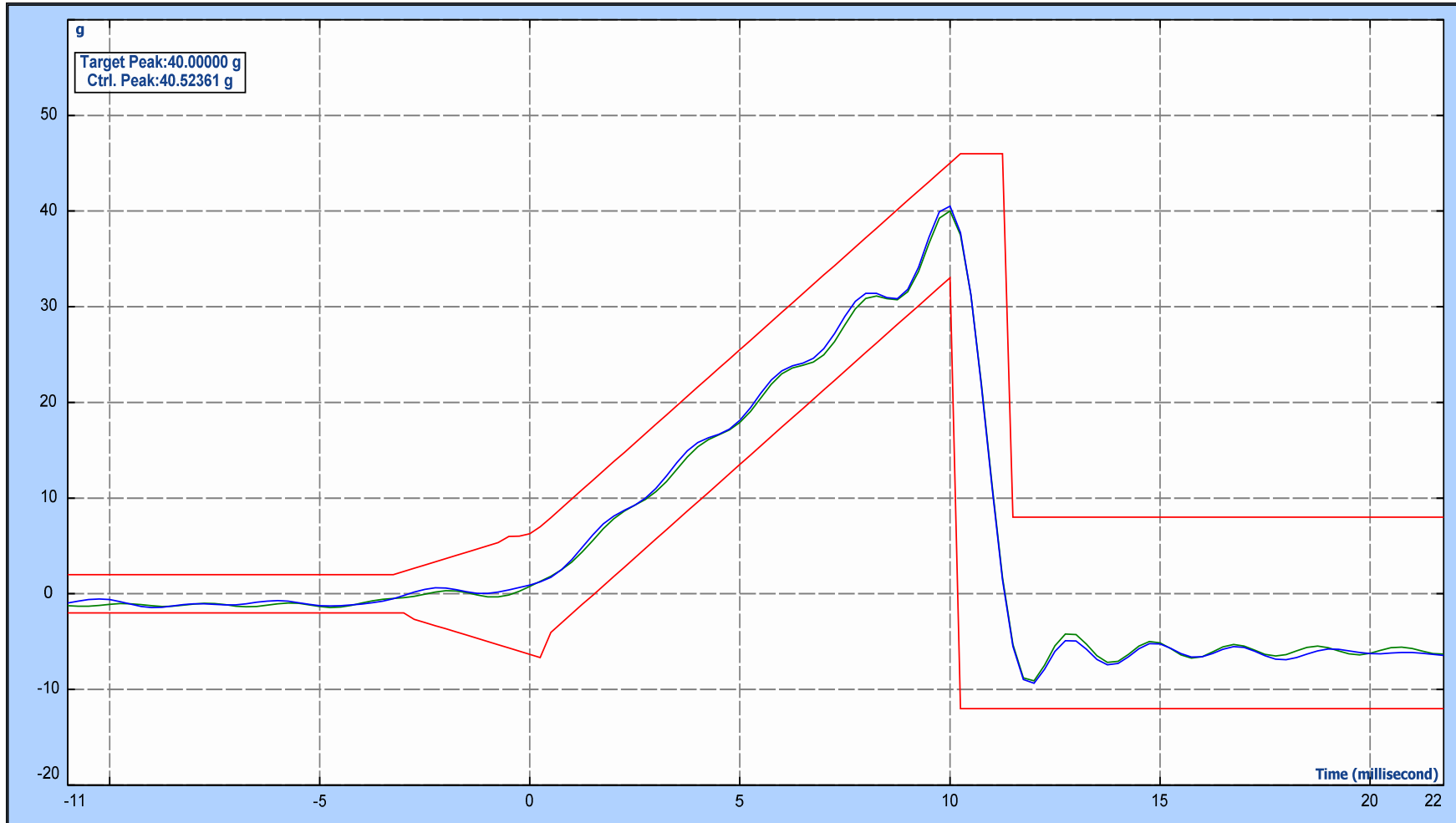


Level: 100.00 %
 Velocity Pk: 1208.0 mm/s
 Control RMS: 3.926 g
 Full Level Elapsed: 3.0

Drive Pk: 3.790V
 Control Pk: 40.45 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 24.18 mm Pk-Pk
 Target Pk: 40.00 g
 Total Elapsed: 19.0
 Measured Pulse width: 11.90779(ms)

+Y axis



Level: 100.00 %

Velocity Pk: 1207.3 mm/s

Control RMS: 3.926 g

Full Level Elapsed: 3.0

Drive Pk: 3.837V

Control Pk: 40.52 g

Remaining: 0.0

Pulse width: 11.00 ms

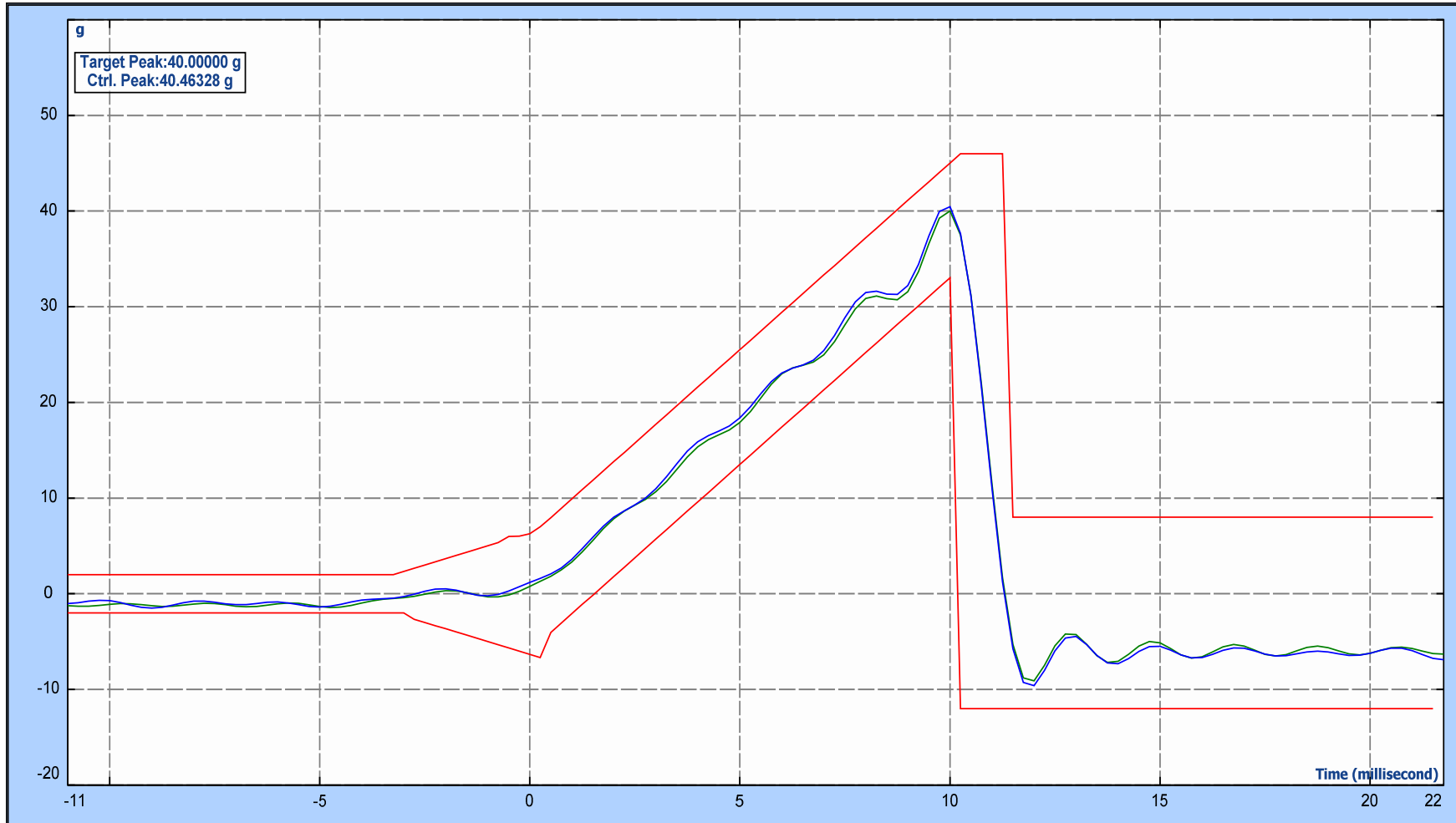
Est. Disp. : 24.21 mm Pk-Pk

Target Pk: 40.00 g

Total Elapsed: 19.0

Measured Pulse width: 14.16756(ms)

-Y axis

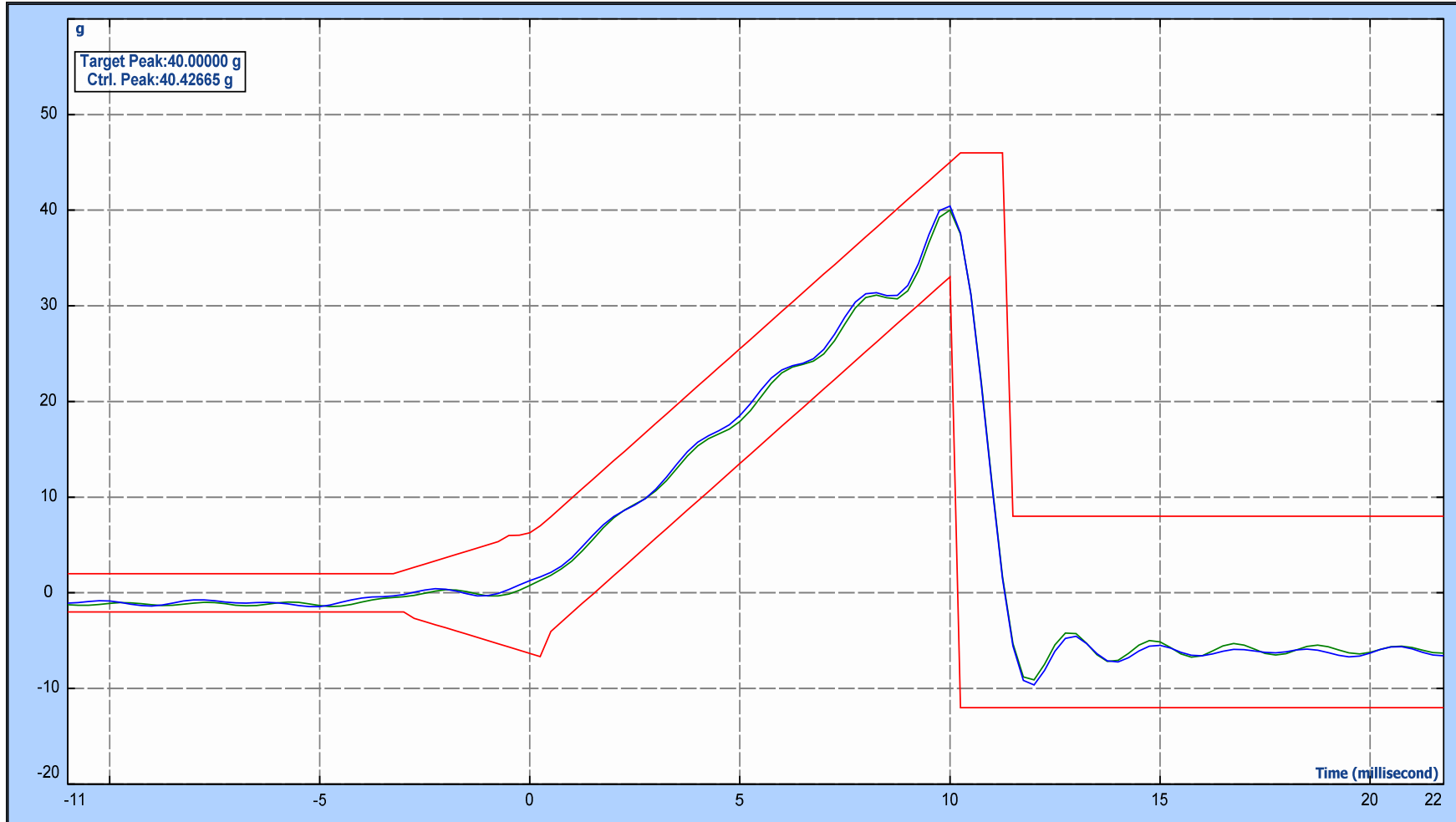


Level: 100.00 %
 Velocity Pk: 1208.8 mm/s
 Control RMS: 3.931 g
 Full Level Elapsed: 3.0

Drive Pk: 3.868V
 Control Pk: 40.46 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 24.21 mm Pk-Pk
 Target Pk: 40.00 g
 Total Elapsed: 19.0
 Measured Pulse width: 11.99924(ms)

+Z axis



Level: 100.00 %

Velocity Pk: 1208.6 mm/s

Control RMS: 3.928 g

Full Level Elapsed: 3.0

Drive Pk: 3.895V

Control Pk: 40.43 g

Remaining: 0.0

Pulse width: 11.00 ms

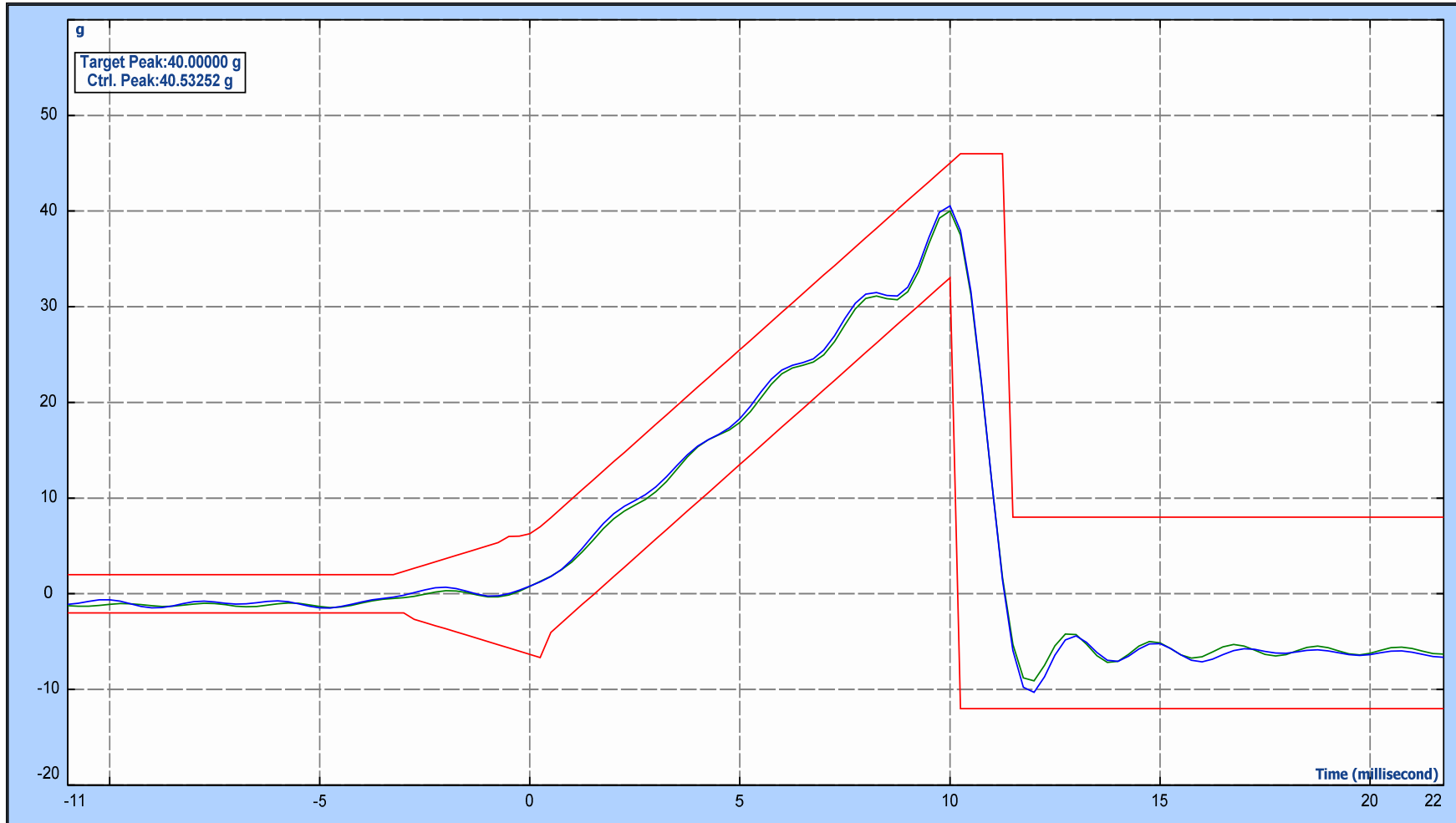
Est. Disp. : 24.23 mm Pk-Pk

Target Pk: 40.00 g

Total Elapsed: 19.0

Measured Pulse width: 12.01118(ms)

-Z axis



Level: 100.00 %

Velocity Pk: 1210.5 mm/s

Control RMS: 3.934 g

Full Level Elapsed: 3.0

-END-

Drive Pk: 3.909V

Control Pk: 40.53 g

Remaining: 0.0

Pulse width: 11.00 ms

Est. Disp. : 24.22 mm Pk-Pk

Target Pk: 40.00 g

Total Elapsed: 19.0

Measured Pulse width: 11.79722(ms)