

KING DESIGN INDUSTRIAL CO., LTD.**VIBRATION TEST LABORATORY**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<http://www.kdi.tw>
<http://www.vibration.com.tw>
E-mail:service@kdi.tw**TESTING / INSPECTION REPORT**

REPORT NO : ST-151117-2

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 : BOXER-6313 (With 2.5" SATA HDD*2)
DATE OF RECEIVED : 2015/11/17
DATE OF TESTED : 2015/11/17

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 12 pages, and no part of it may be abstracted or reproduced.

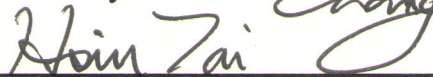
Test Engineer :



Approval Signatory :

2015.11.20 

Laboratory Head :



TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054986
Controller : VCS-913+, S/N : 1312384
Control Accelerometer : Wilcoxon Research WR-777, S/N : 4207
Calibration Date : 2014/11/25

TEST ENVIRONMENT :

Temperature : 27°C (25±10°C)
Relative Humidity : 68%RH (50±20% RH)

SPECIMEN :

Model : BOXER-6313 (With 2.5" SATA HDD*2)
Quantity : 1 unit

TESTING / INSPECTION REPORT

TEST SPECIFICATION :

As per applicant's requirement

Shock test (Operating)

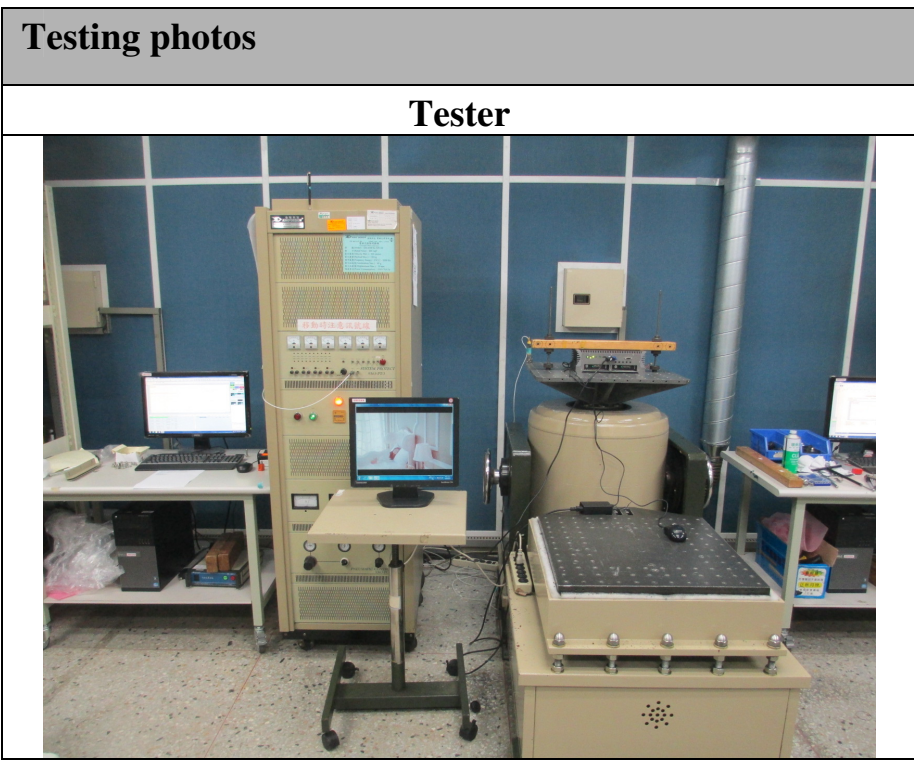
Wave Form : Half Sine wave
Acceleration : 15 g
Duration Time : 11 mS
No. of Shock : Each axis 3 times
Shock Direction : $\pm X$, $\pm Y$, $\pm Z$ axis

TEST RESULT :



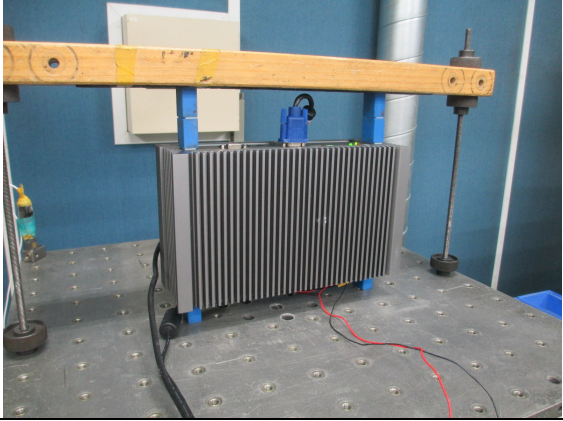
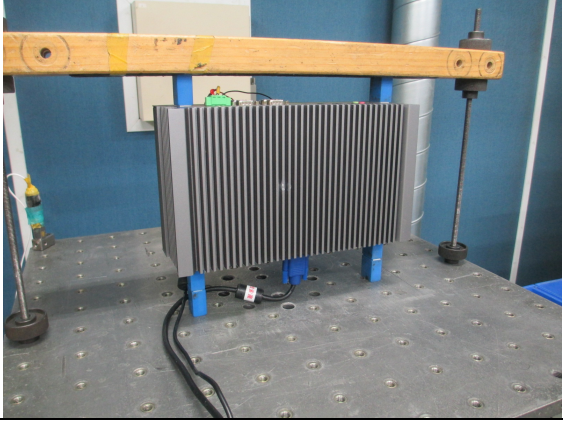
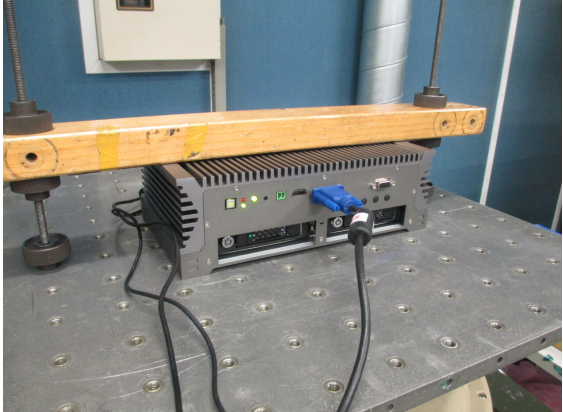

| Describe | PASS | FAIL | Non-Judgment |
|----------------------------------|------|------|--------------|
| Function judgment ⁽¹⁾ | √ | --- | --- |
| Appearance check ⁽²⁾ | √ | --- | --- |

(1)—Booting function was normal after the test.
(2)—No visible damages were found.

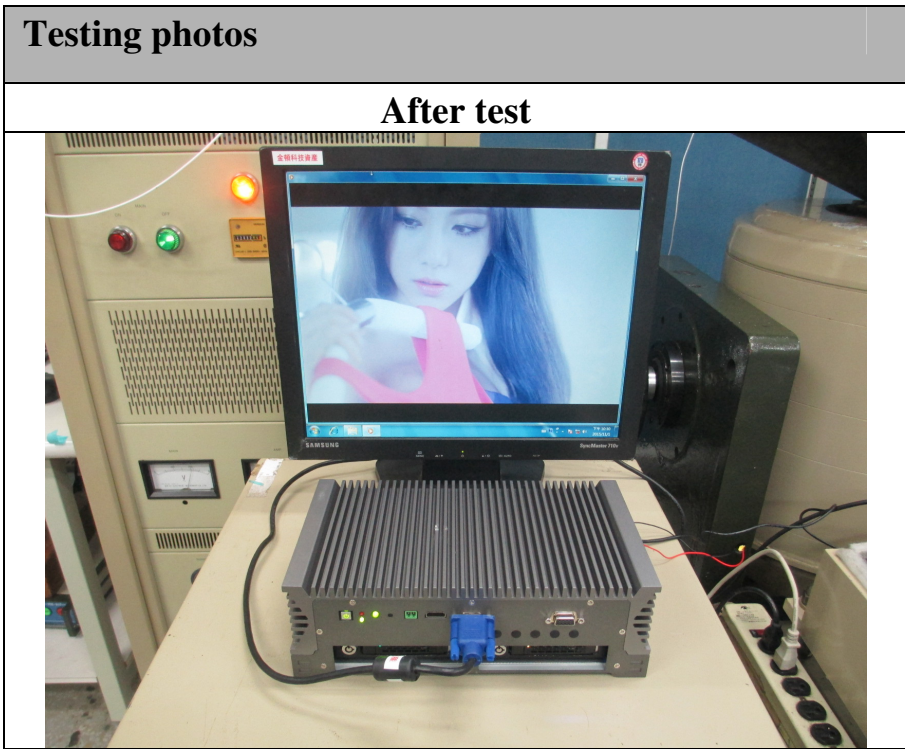
TESTING / INSPECTION REPORT



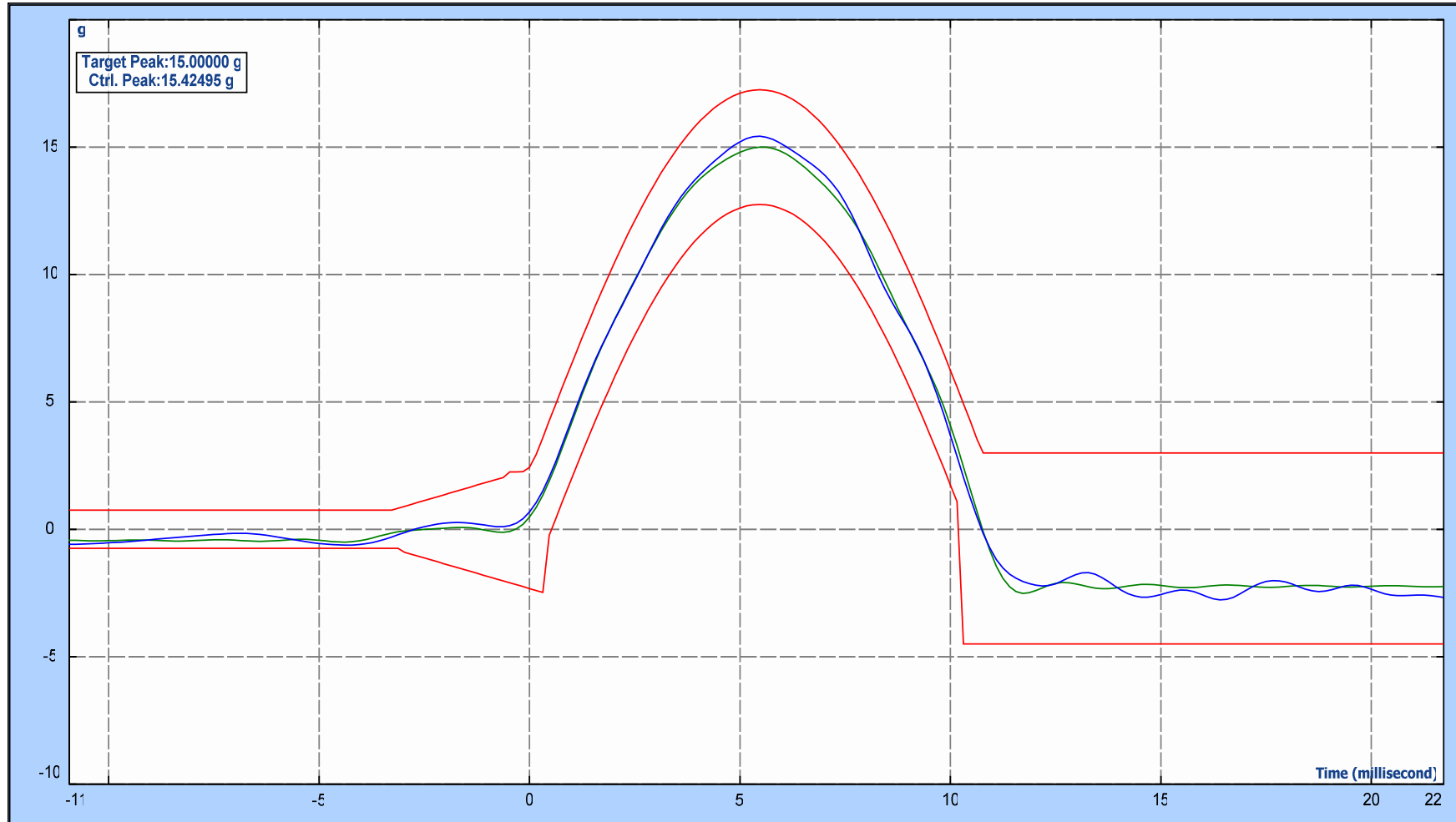
TESTING / INSPECTION REPORT

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

TESTING / INSPECTION REPORT



+X axis

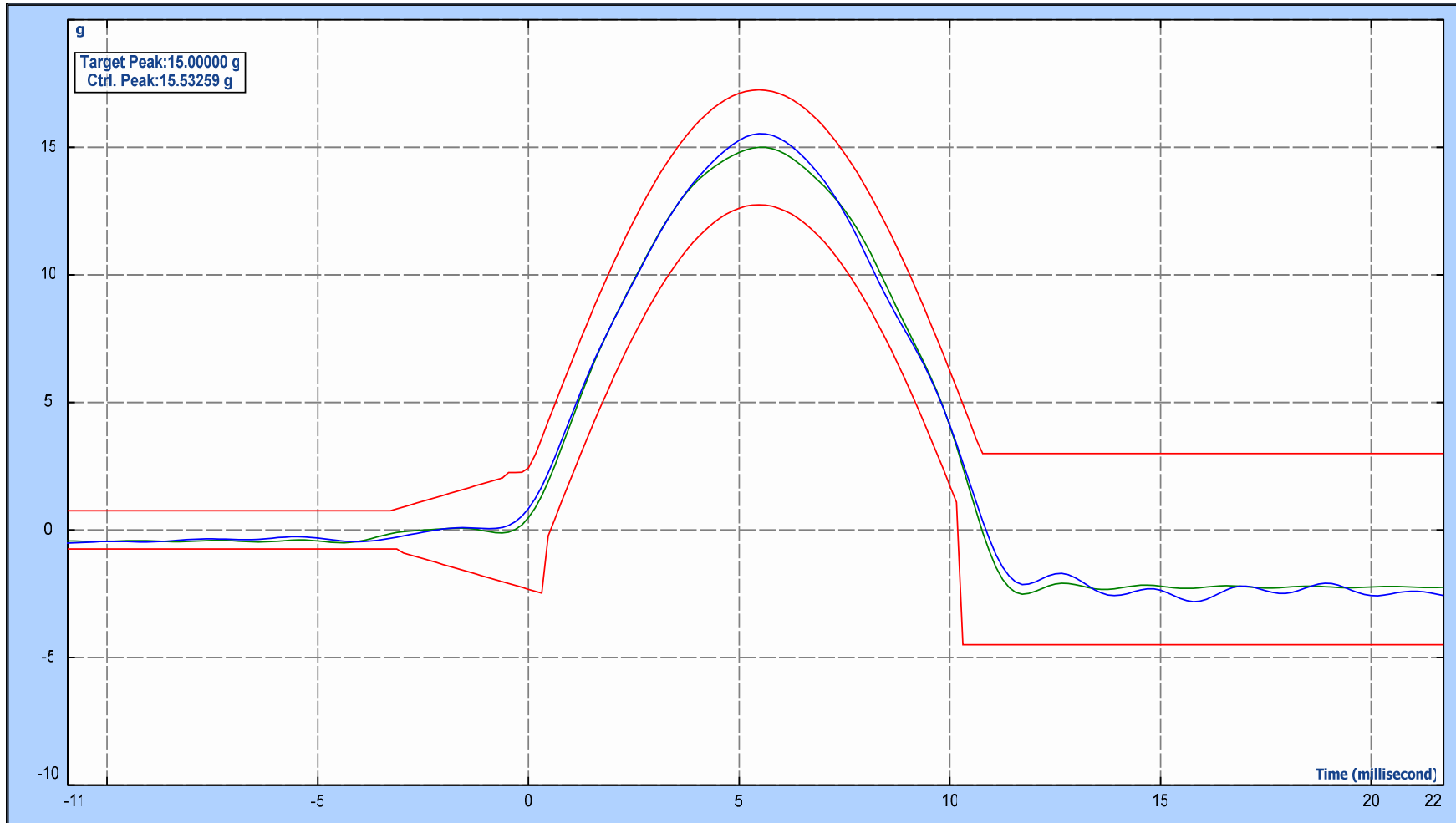


Level: 100.00 %
 Velocity Pk: 544.5 mm/s
 Control RMS: 1.571 g
 Full Level Elapsed: 3.0

Drive Pk: 1.708V
 Control Pk: 15.42 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 14.07 mm Pk-Pk
 Target Pk: 15.00 g
 Total Elapsed: 17.0
 Measured Pulse width: 13.47246(ms)

-X axis

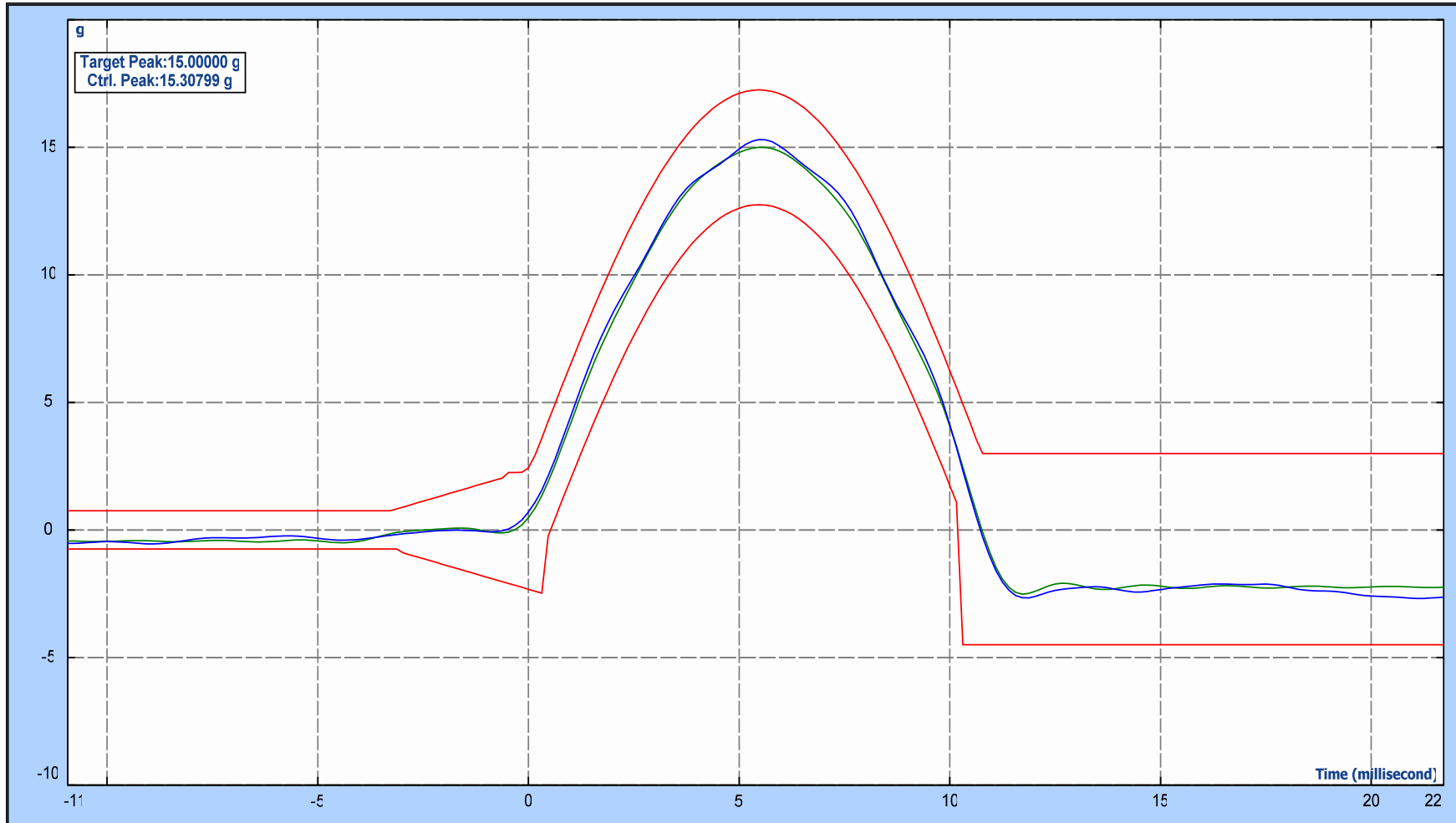


Level: 100.00 %
 Velocity Pk: 541.1 mm/s
 Control RMS: 1.554 g
 Full Level Elapsed: 3.0

Drive Pk: 1.714V
 Control Pk: 15.53 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 14.04 mm Pk-Pk
 Target Pk: 15.00 g
 Total Elapsed: 17.0
 Measured Pulse width: 13.04689(ms)

+Y axis



Level: 100.00 %

Velocity Pk: 548.1 mm/s

Control RMS: 1.565 g

Full Level Elapsed: 3.0

Drive Pk: 1.688V

Control Pk: 15.31 g

Remaining: 0.0

Pulse width: 11.00 ms

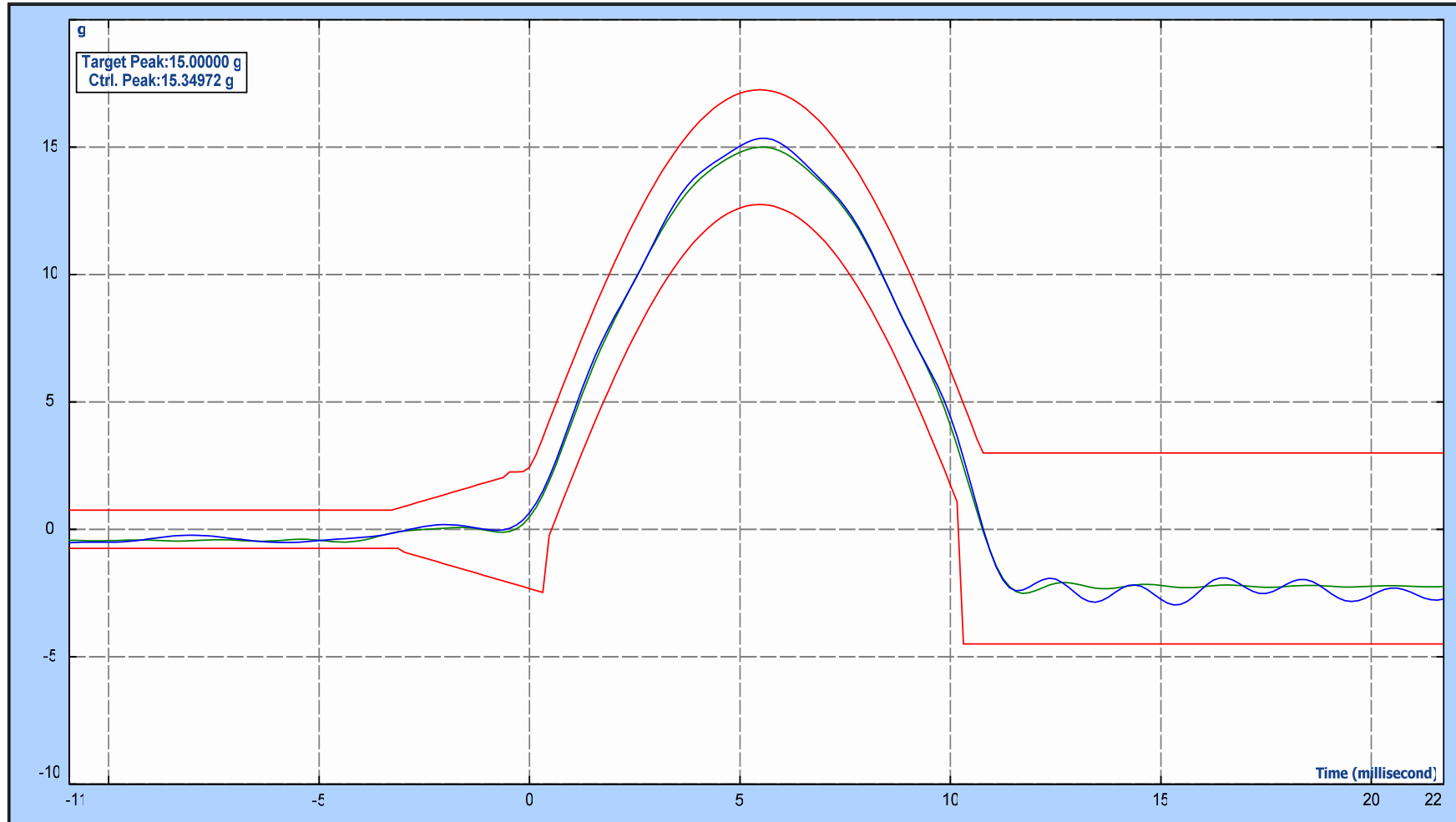
Est. Disp. : 14.07 mm Pk-Pk

Target Pk: 15.00 g

Total Elapsed: 17.0

Measured Pulse width: 11.28361(ms)

-Y axis

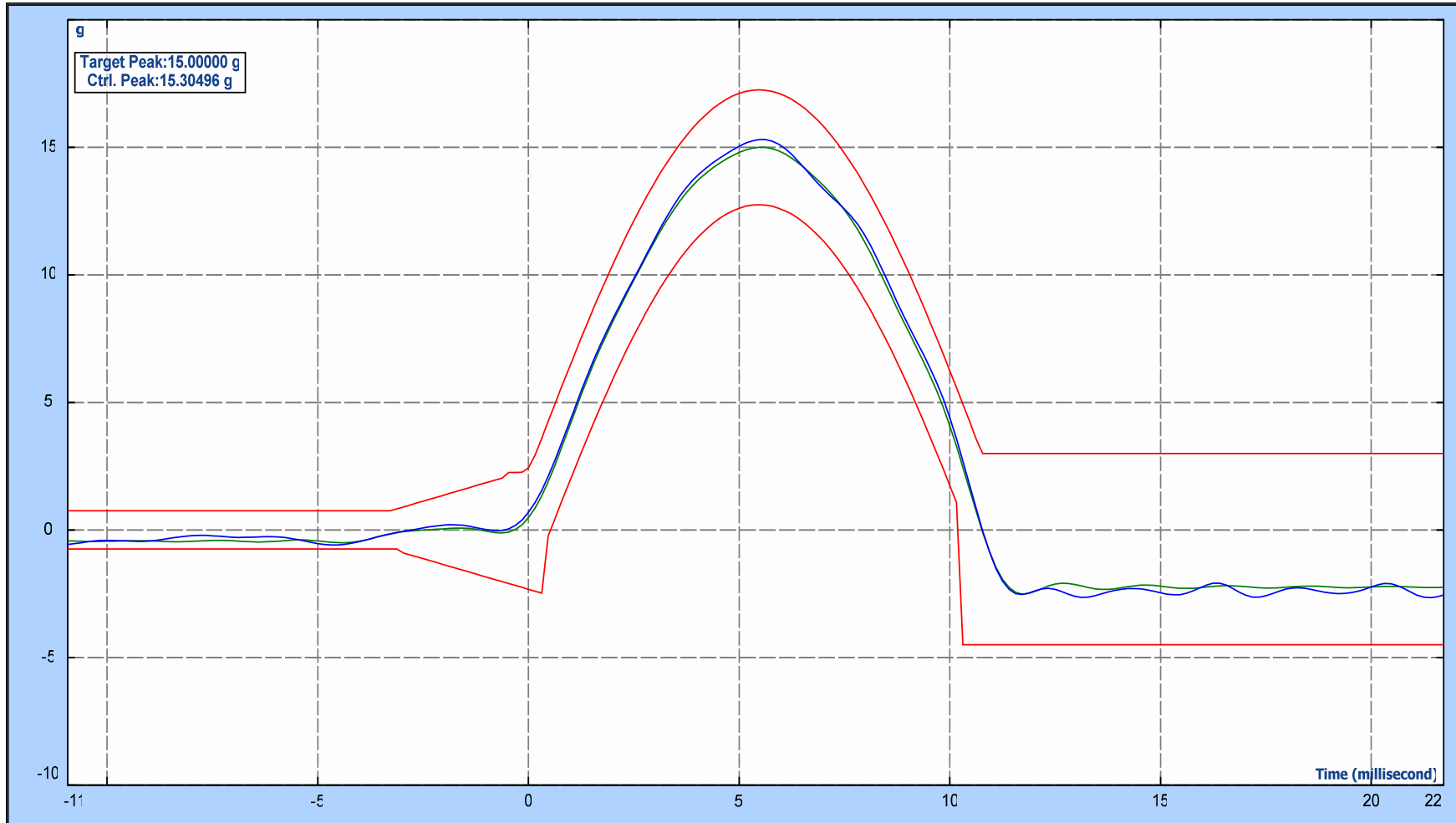


Level: 100.00 %
 Velocity Pk: 546.8 mm/s
 Control RMS: 1.558 g
 Full Level Elapsed: 3.0

Drive Pk: 1.698V
 Control Pk: 15.35 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 14.15 mm Pk-Pk
 Target Pk: 15.00 g
 Total Elapsed: 17.0
 Measured Pulse width: 11.35098(ms)

+Z axis

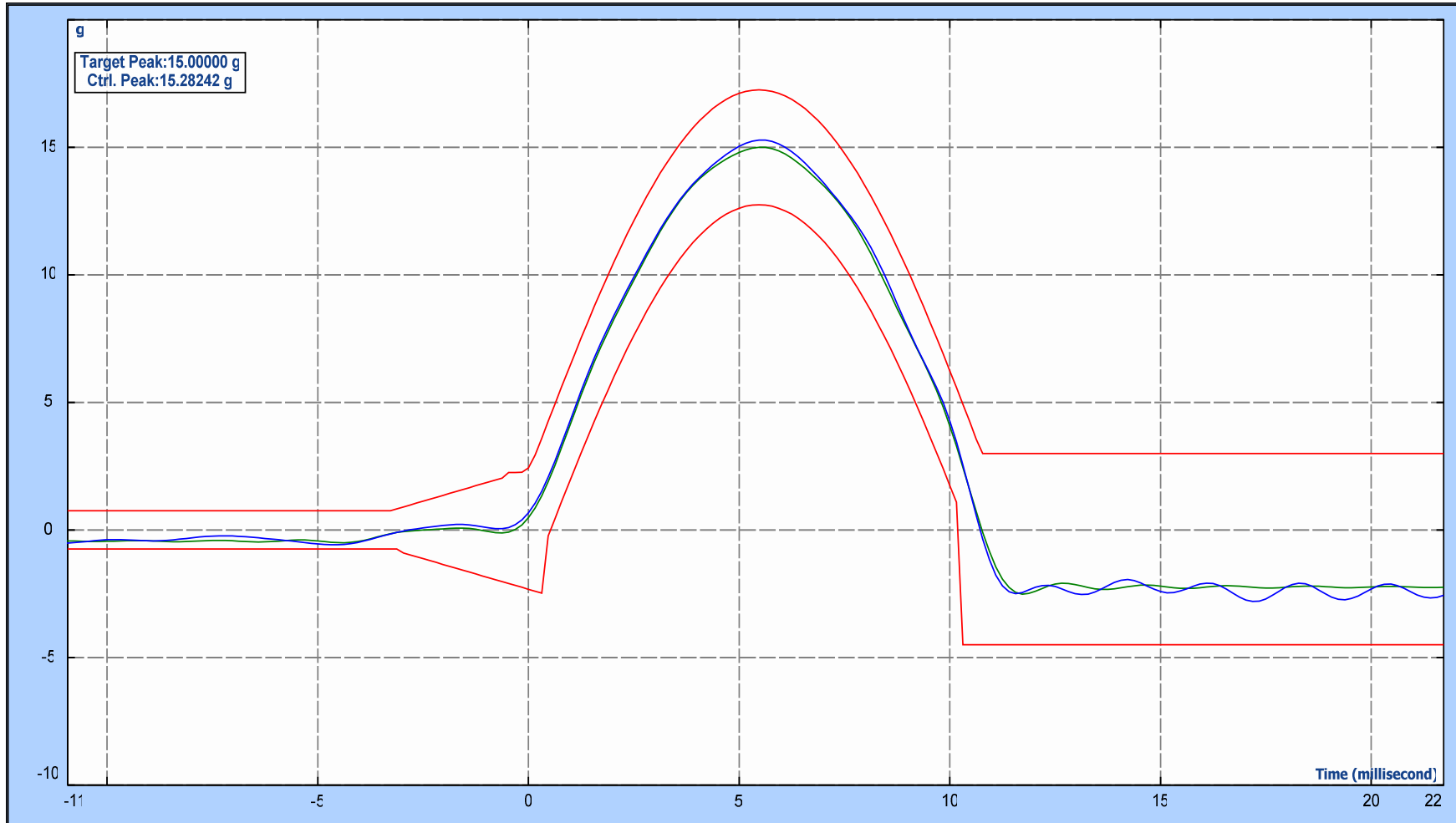


Level: 100.00 %
 Velocity Pk: 549.1 mm/s
 Control RMS: 1.561 g
 Full Level Elapsed: 3.0

Drive Pk: 1.755V
 Control Pk: 15.30 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 14.44 mm Pk-Pk
 Target Pk: 15.00 g
 Total Elapsed: 17.0
 Measured Pulse width: 11.34716(ms)

-Z axis



Level: 100.00 %
 Velocity Pk: 546.4 mm/s
 Control RMS: 1.559 g
 Full Level Elapsed: 3.0

Drive Pk: 1.712V
 Control Pk: 15.28 g
 Remaining: 0.0
 Pulse width: 11.00 ms

Est. Disp. : 14.14 mm Pk-Pk
 Target Pk: 15.00 g
 Total Elapsed: 17.0
 Measured Pulse width: 13.54778(ms)

-END-