

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-160108-2

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 : VPC-5500S (With SSD)
DATE OF RECEIVED : 2016/01/08
DATE OF TESTED : 2016/01/08

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

Test Engineer : <i>7c 12g</i>	
Approval Signatory : <i>2016.1.13 David Lee</i>	Laboratory Head : <i>Hsin Zai Chang</i>



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TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

Shock Tester : KING DESIGN DP-1200-60, S/N : R2110086489
Controller : Lansmont TP3, S/N : 0506-046
Control Accelerometer : B&K 4398, S/N : 2209044
Calibration Date : 2015/05/08

TEST ENVIRONMENT :

Temperature : 25°C (25±10°C)
Relative Humidity : 65%RH (50±20% RH)

SPECIMEN :

Model : VPC-5500S (With SSD)
Quantity : 1 unit

TESTING / INSPECTION REPORT

TEST SPECIFICATION (1) :

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 : $\pm X$, $\pm Y$, $\pm Z$ axis

TEST SPECIFICATION (2) :

Reference to MIL-STD 810G 516.6 Procedure V

Shock test (Non-Operating)

Wave Form : Sawtooth wave
 Acceleration : 75 g
 Duration Time : 6 mS
 No. of Shock : Each axis 3 times
 Shock Direction : $\pm X$, $\pm Y$, $\pm Z$ axis

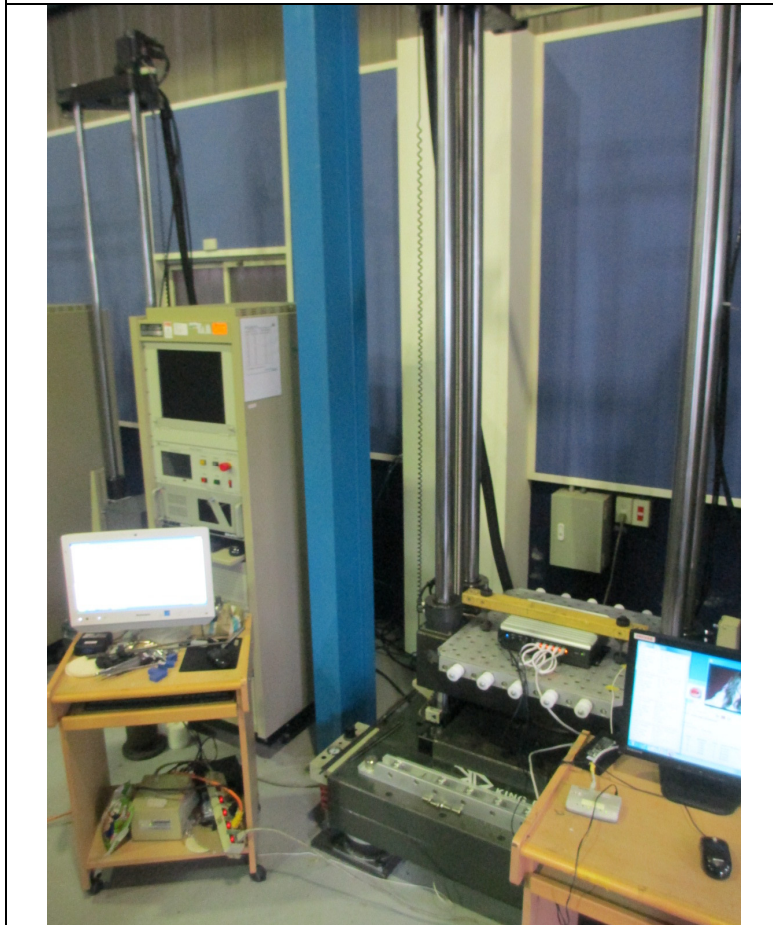
TEST RESULT :

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.			

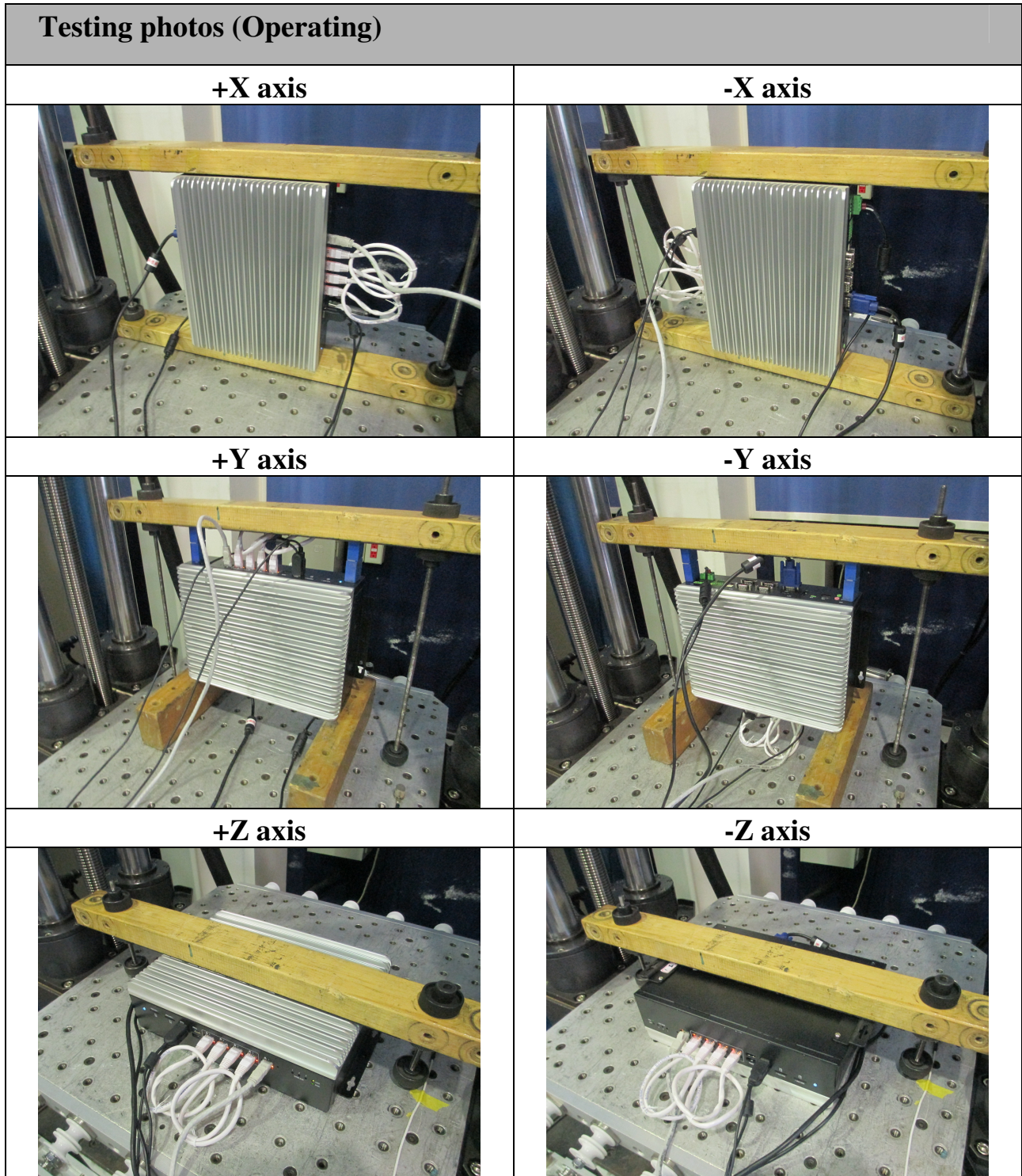
TESTING / INSPECTION REPORT

Testing photos (Operating)

Tester



TESTING / INSPECTION REPORT



TESTING / INSPECTION REPORT

Testing photos (Non-Operating)

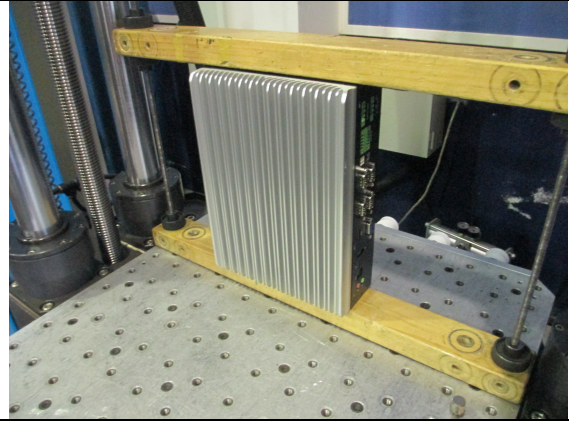
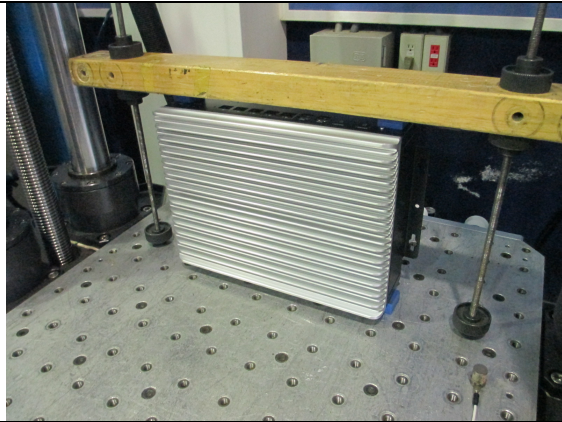
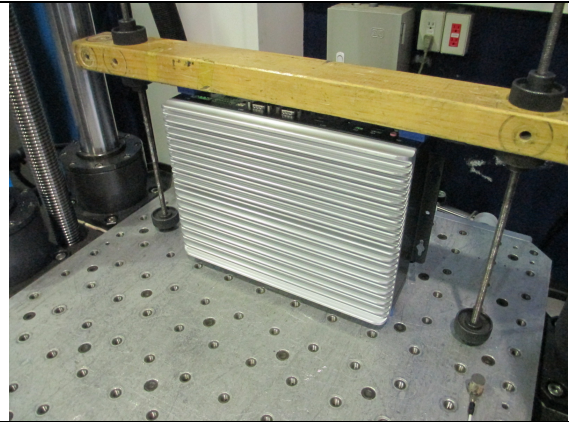
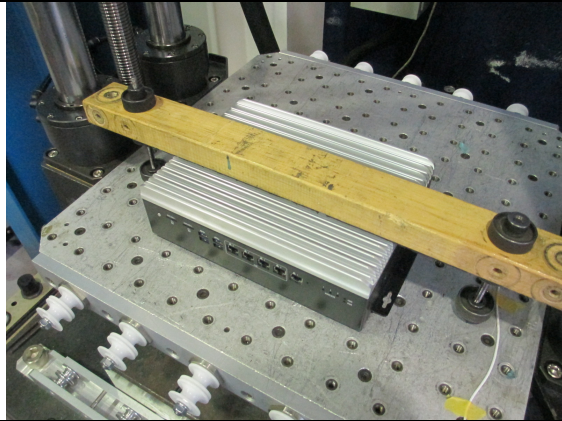
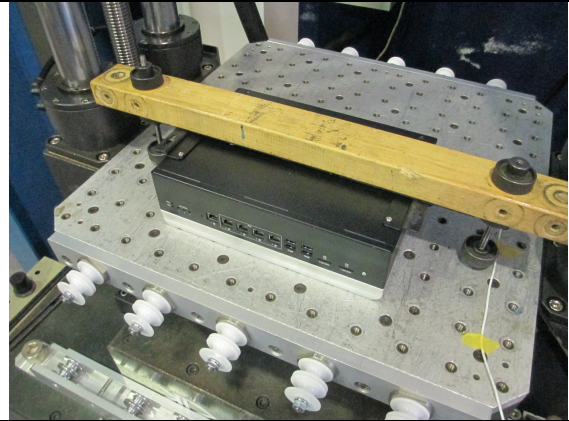
Tester



TESTING / INSPECTION REPORT

Testing photos (Non-Operating)

+X axis

-X axis

+Y axis

-Y axis

+Z axis

-Z axis


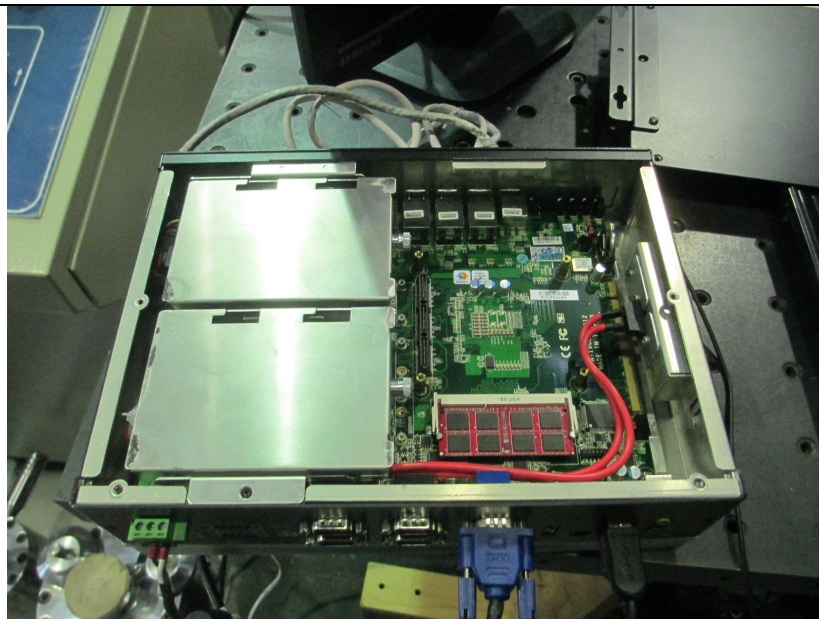
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Testing photos

After test-1



After test-2



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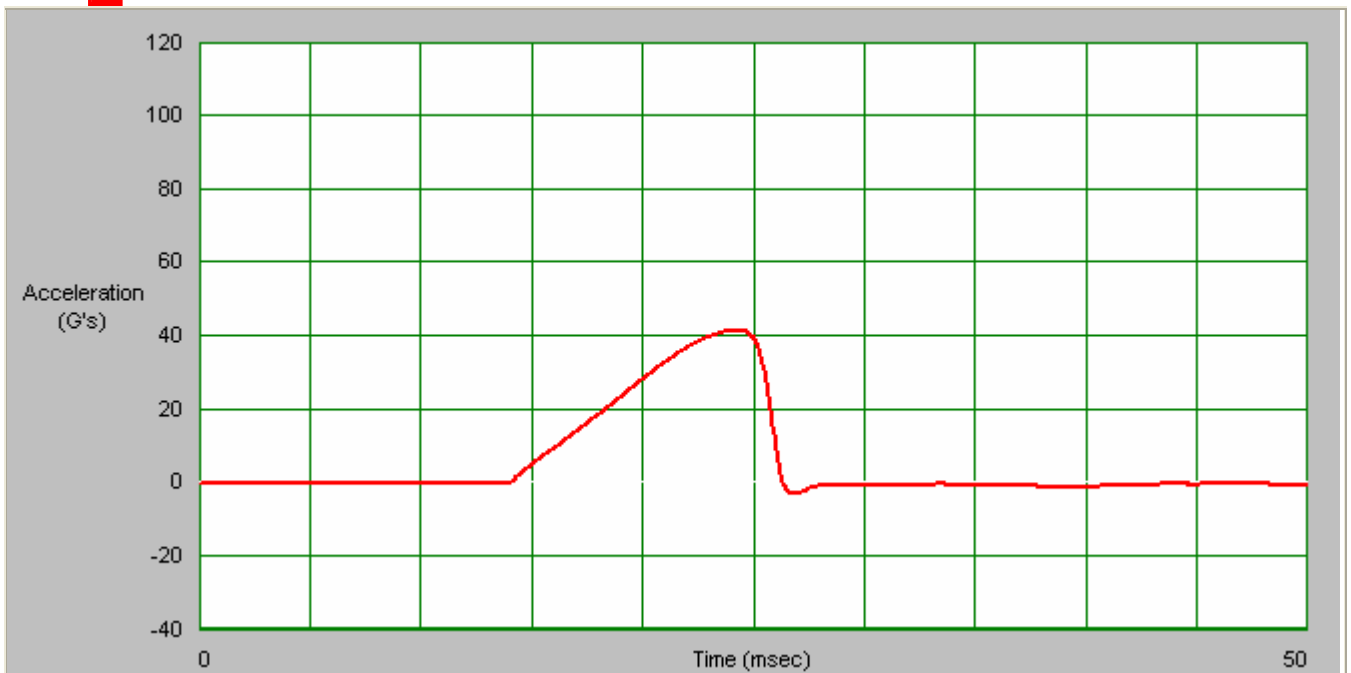
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TESTING / INSPECTION REPORT

+X axis Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	40.00	11.25	292.17	500.00	40.00	-5.86



TESTING / INSPECTION REPORT

-X axis Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 █ CTRL	40.62	11.35	294.10	500.00	40.62	-3.60



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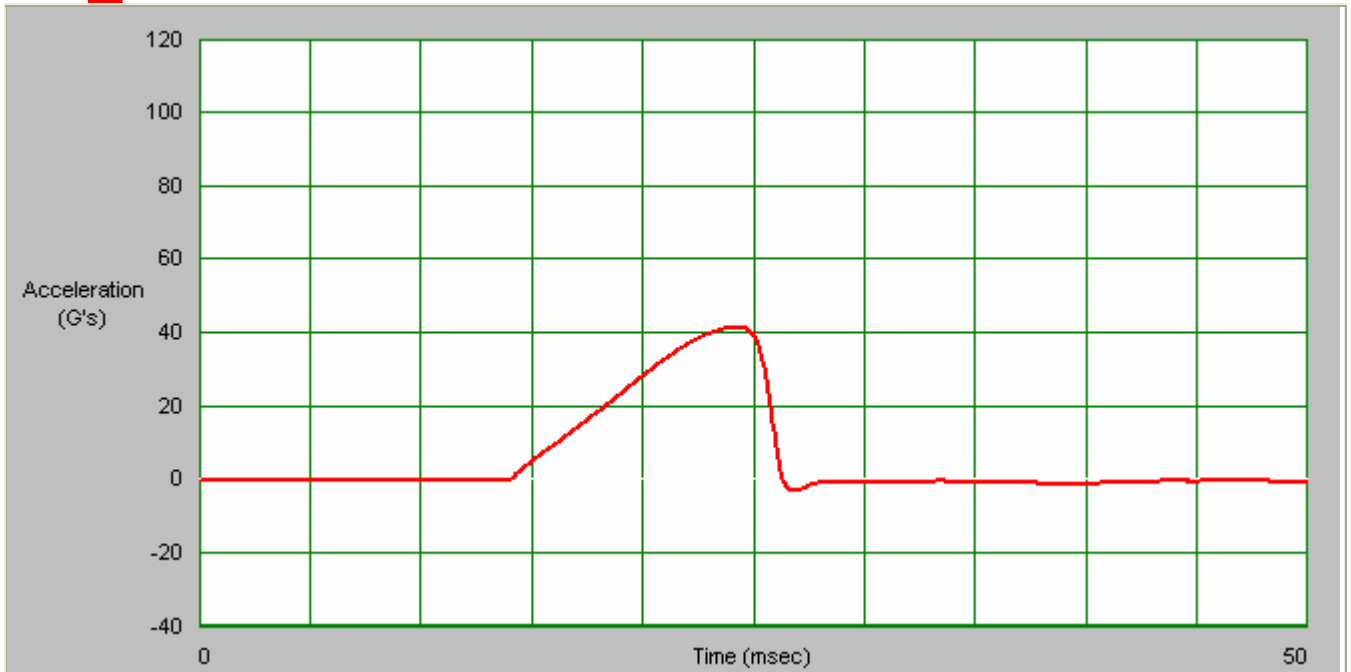
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TESTING / INSPECTION REPORT

+Y axis Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	41.00	11.40	280.64	500.00	41.00	-1.44



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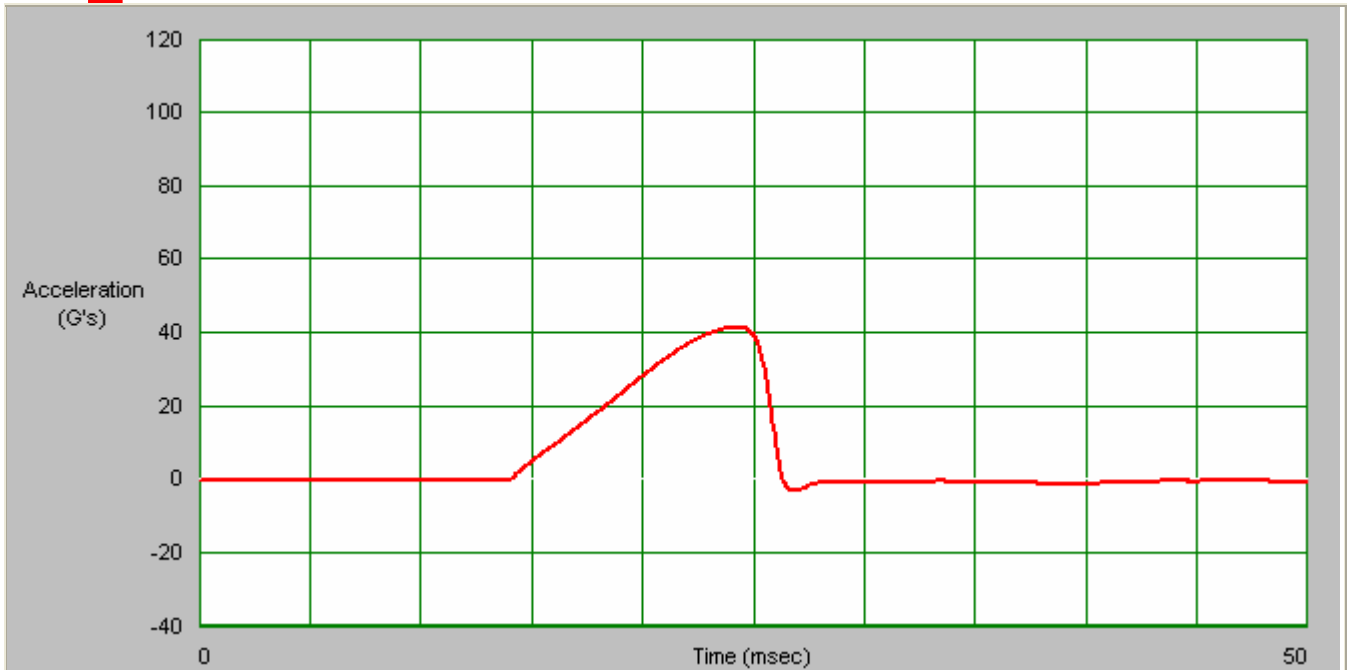
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TESTING / INSPECTION REPORT

-Y axis Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	40.23	11.25	291.68	500.00	40.23	-6.93



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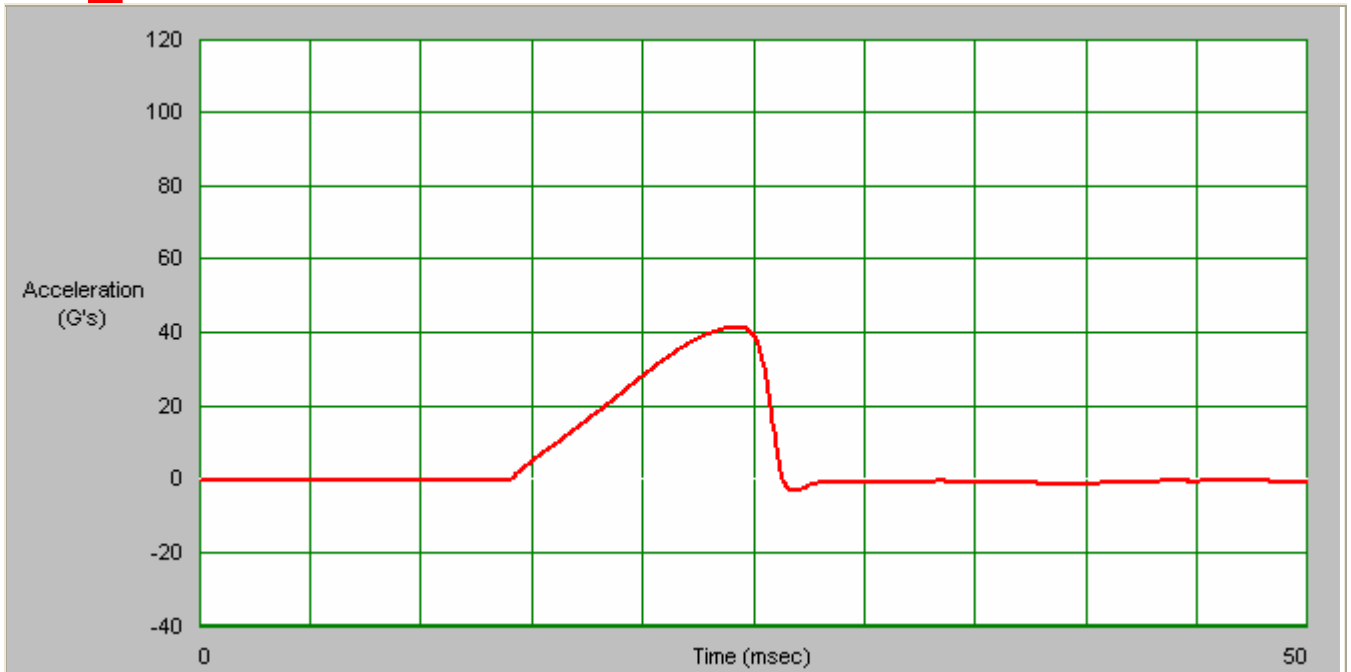
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TESTING / INSPECTION REPORT

+Z axis Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	41.21	11.25	296.22	500.00	41.21	-4.50



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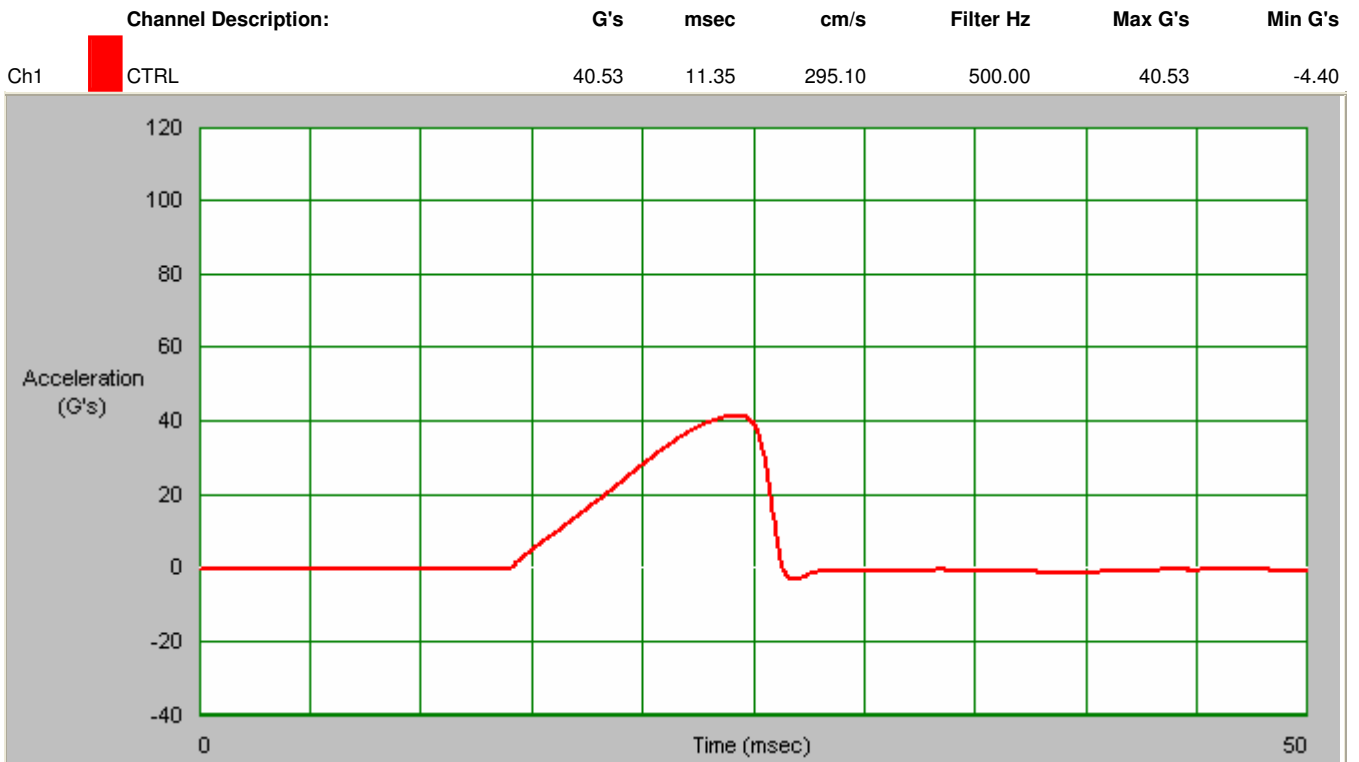
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-Z axis Operating

Acceleration vs Time


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+X axis Non-Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	75.68	6.45	331.59	500.00	75.68	-2.05

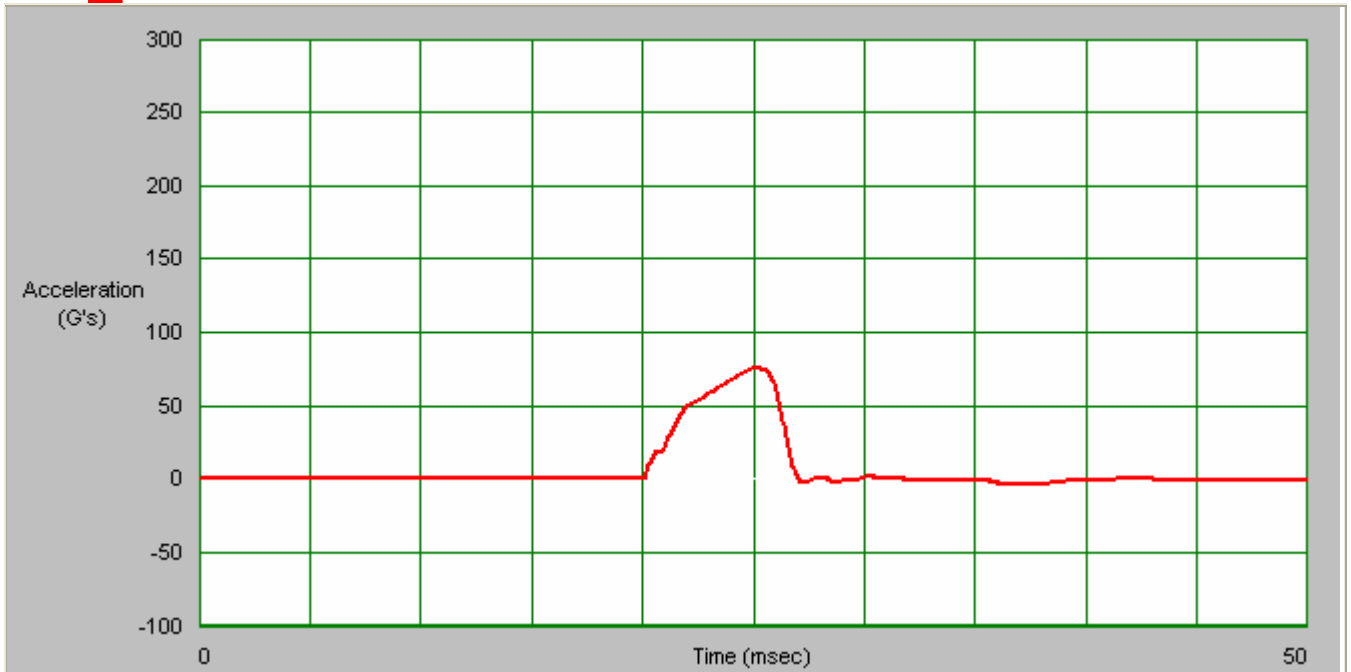


TESTING / INSPECTION REPORT

-X axis Non-Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	75.38	6.60	335.03	500.00	75.38	-4.40

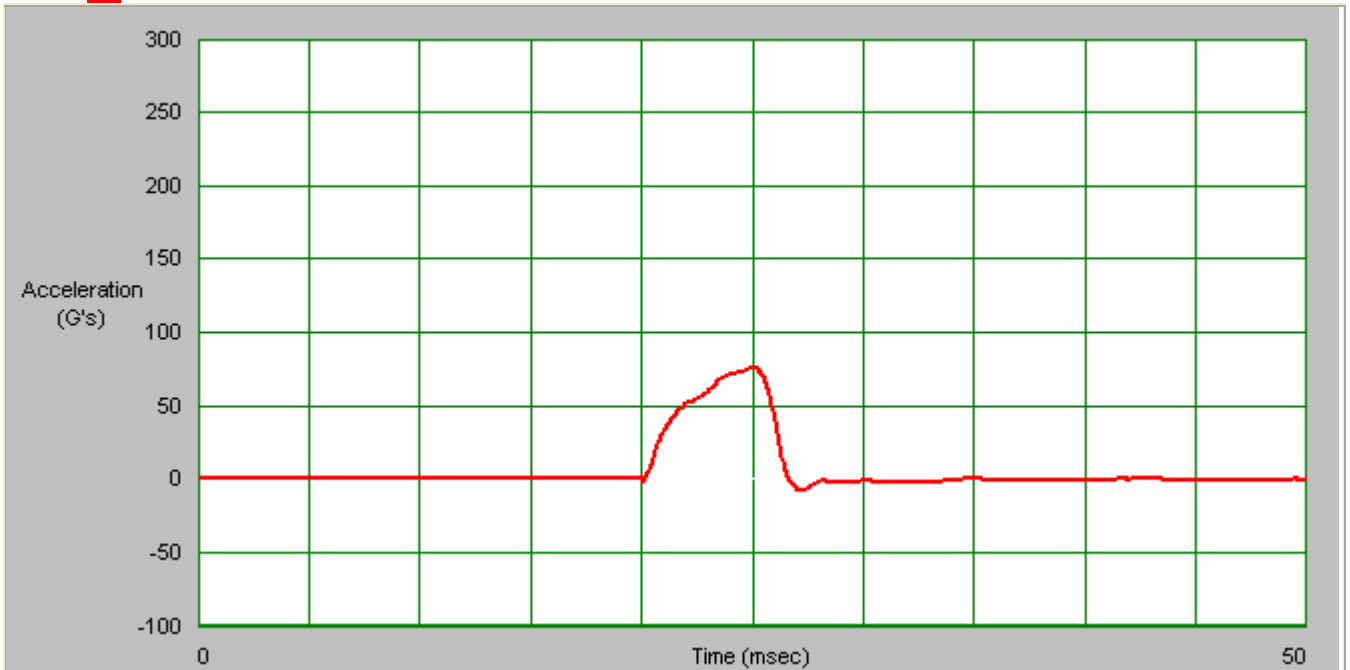


TESTING / INSPECTION REPORT

+Y axis Non-Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	75.65	6.15	323.80	500.00	75.65	-8.16

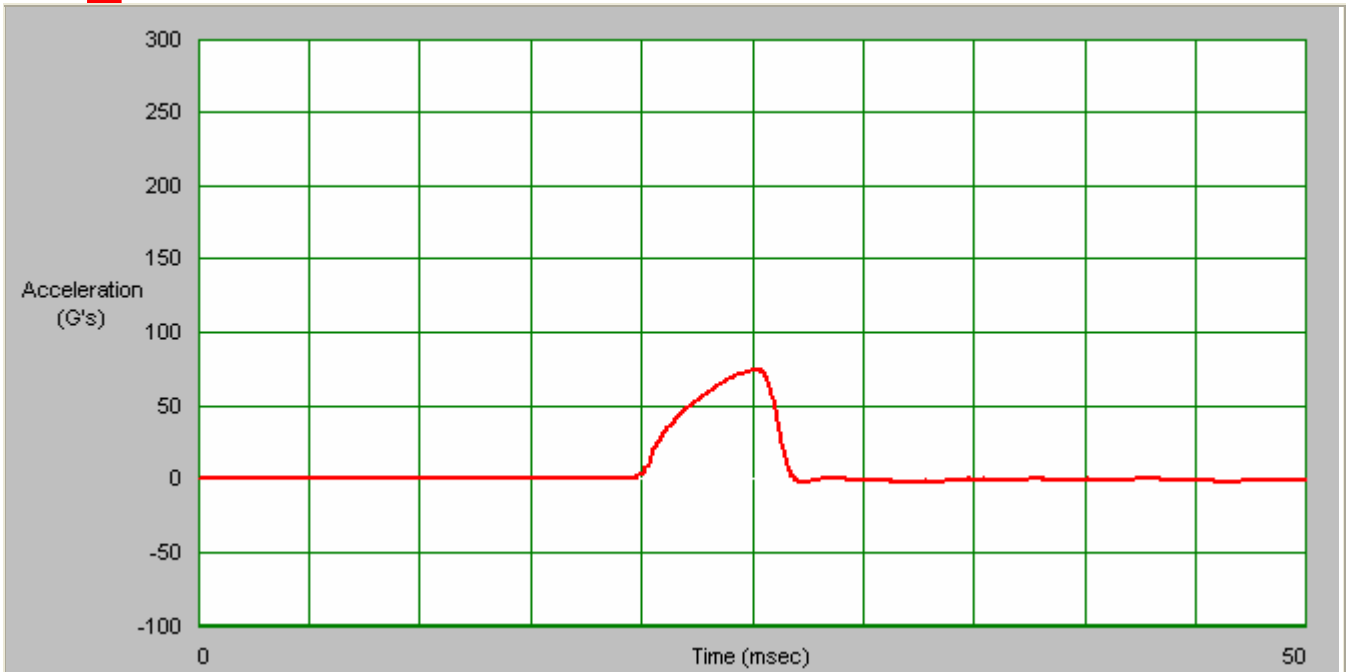


TESTING / INSPECTION REPORT

-Y axis Non-Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	74.39	6.55	329.09	500.00	74.39	-2.55



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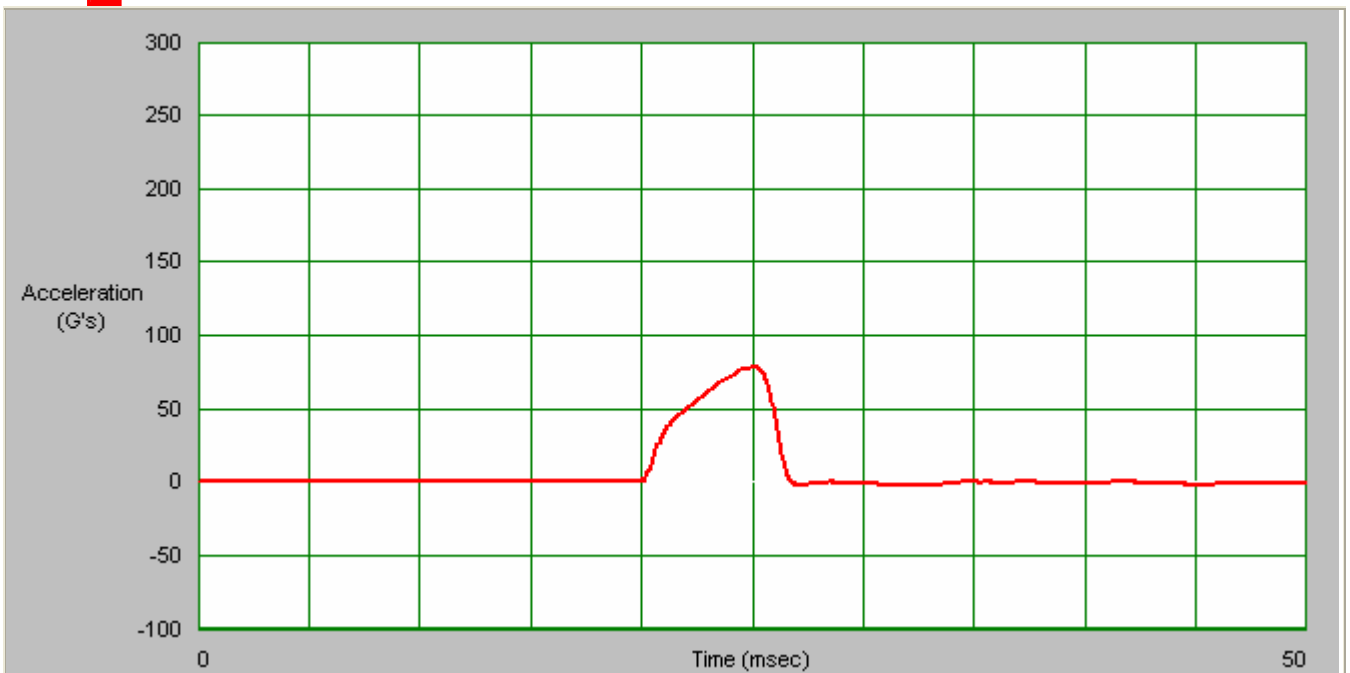
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TESTING / INSPECTION REPORT

+Z axis Non-Operating

Acceleration vs Time

Channel Description:	G's	msec	cm/s	Filter Hz	Max G's	Min G's
Ch1 CTRL	77.82	6.25	335.04	500.00	77.82	-2.75



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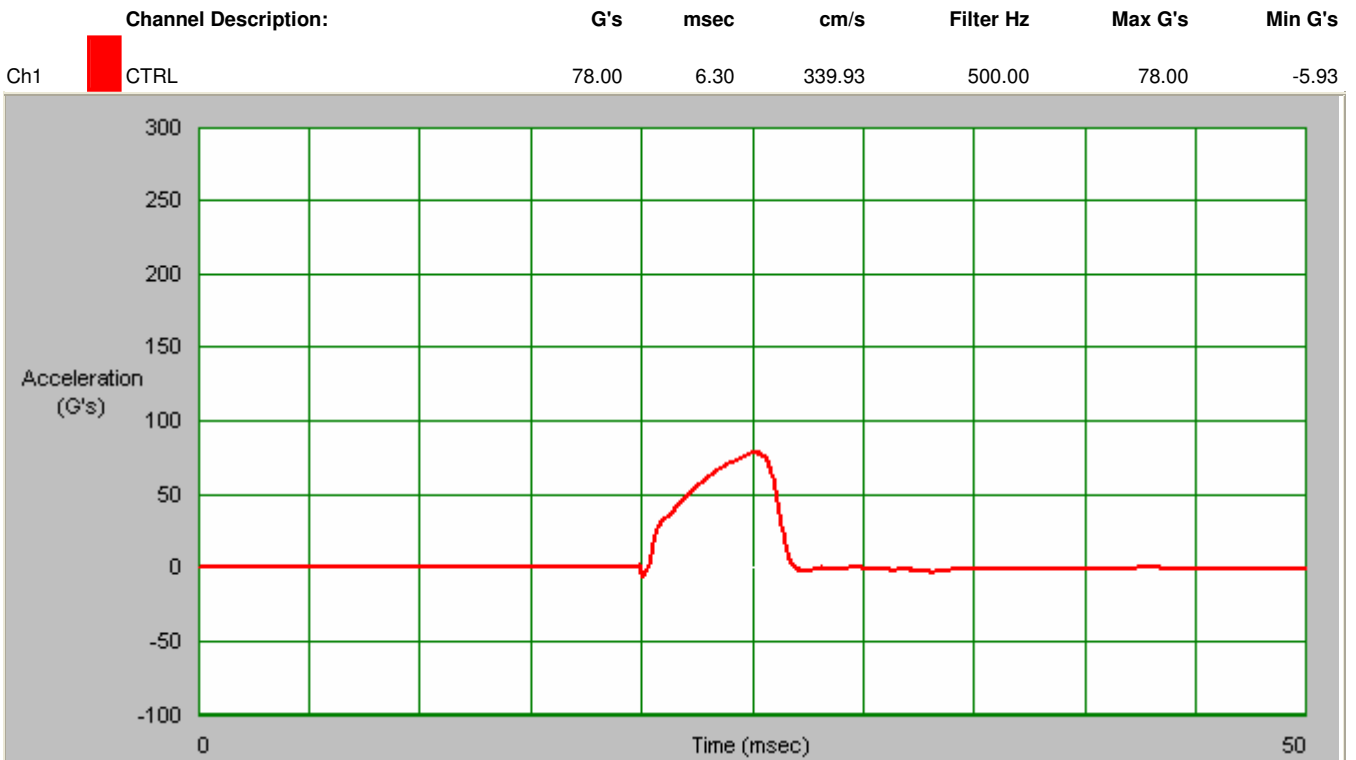
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-Z axis Non-Operating

Acceleration vs Time


-END-