

TESTING / INSPECTION REPORT

REPORT NO : ST-081029-2

COMPANY : Apacer Technology Inc.
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SPECIMEN : ADM III Low Profile I-Grade/ ADM III Low Profile C-Grade
DATE OF RECEIVED : 2008/10/21
DATE OF TESTED : 2008/10/23

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

Test Engineer : <i>Wu Pei</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Changbin Tai</i>

TESTING / INSPECTION REPORT

TEST ENVIRONMENT :

- 1.Shock Testing System : KING DESIGN DP-1200-60, S/N:KDS11054983
- 2.Controller : KING DESIGN KD-1200-03C, S/N:KD674
- 3.Accelerometer : B&K 4398, S/N:2209044
- 4.Shock Testing System : KING DESIGN DP-1200-25, S/N:R2110291548
- 5.Controller : KING DESIGN DP-1200
- 6.Accelerometer : WR-732AT, S/N:871

TEST ENVIRONMENT :

- Temperature : 22.7°C (25±10°C)
- Relative Humidity : 68% RH (60±20% RH)

SPECIMEN :

- Model : ADM III Low Profile I-Grade
/ ADM III Low Profile C-Grade
- Quantity : 5 pieces

TEST SPECIFICATION :

- (1) Wave Form : Half sine wave (Non-Operation)
 - Acceleration : 1500g
 - Duration Time : 0.5 ms
 - No. of Shock : Each axis 3 times
 - Shock Direction : ±X, ±Y, ±Z axis

- (2) Wave Form : Half sine wave (Operation)
 - Acceleration : 50g
 - Duration Time : 11 ms
 - No. of Shock : Each axis 3 times
 - Shock Direction : ±X, ±Y, ±Z axis

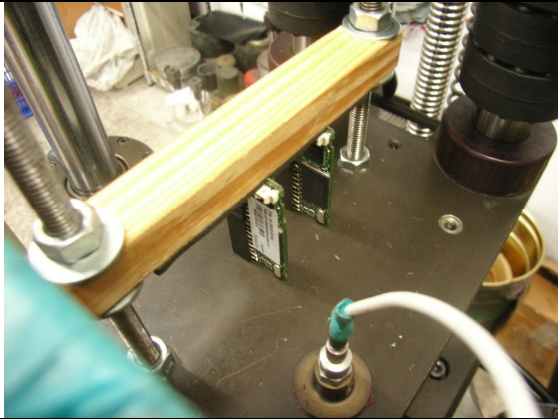
TESTING / INSPECTION REPORTTEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

TESTING / INSPECTION REPORT

Testing photos (ADM III Low Profile C-Grade Non-Operation Test)

AXIS X



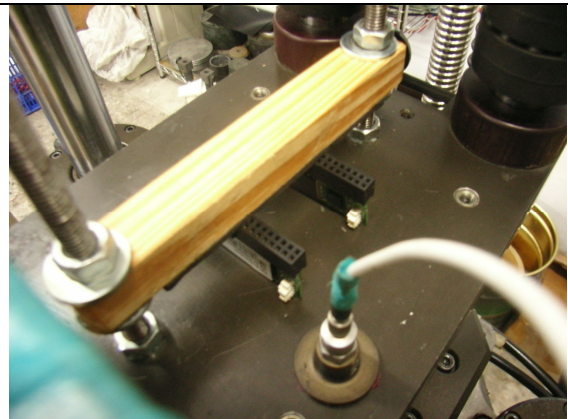
AXIS -X



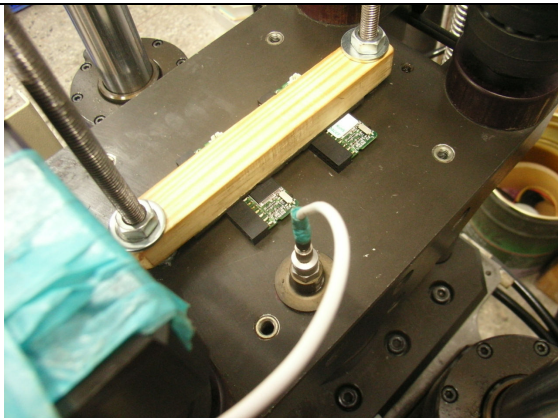
AXIS Y



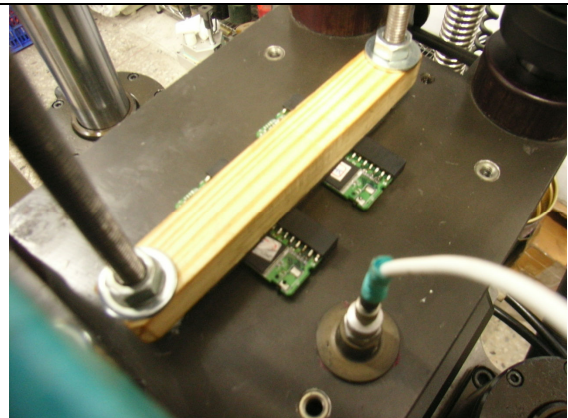
AXIS -Y



AXIS Z



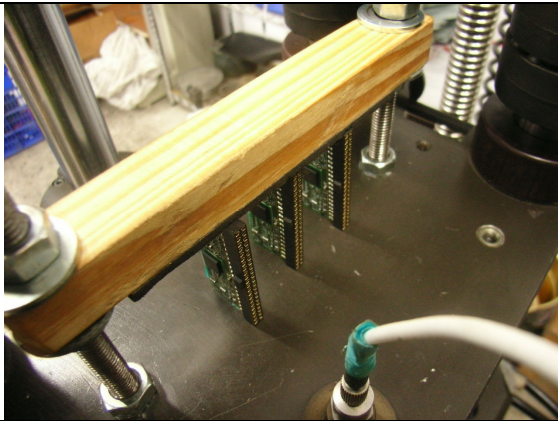
AXIS -Z



TESTING / INSPECTION REPORT

Testing photos (ADM III Low Profile I-Grade Non-Operation Test)

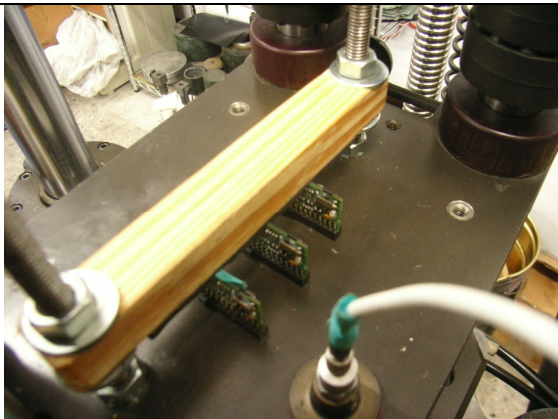
AXIS X



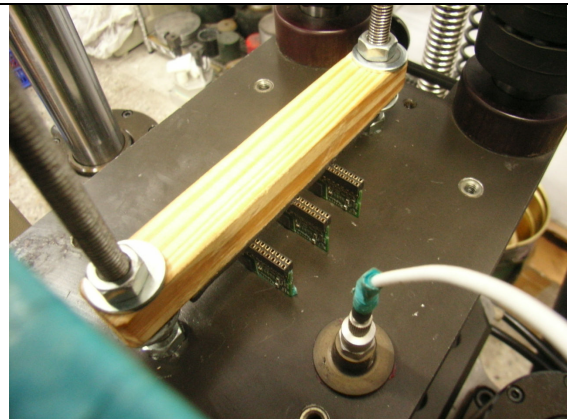
AXIS -X



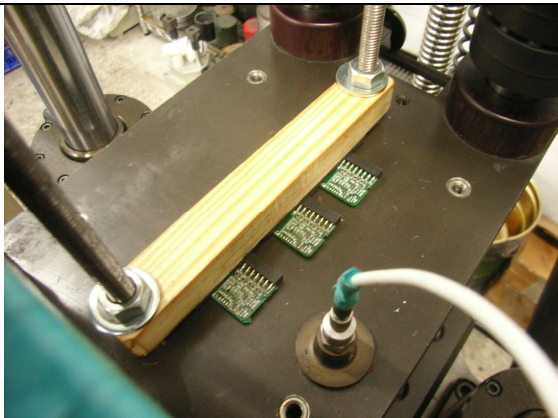
AXIS Y



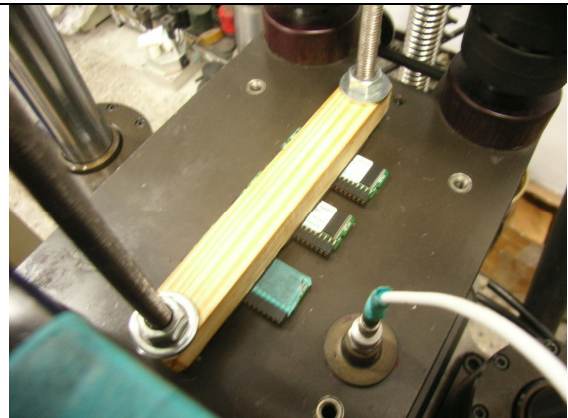
AXIS -Y



AXIS Z



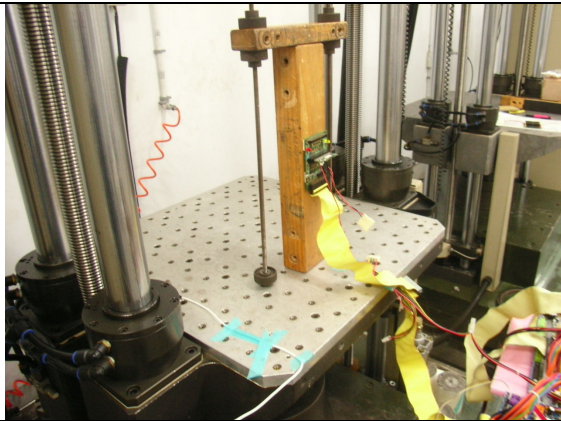
AXIS -Z



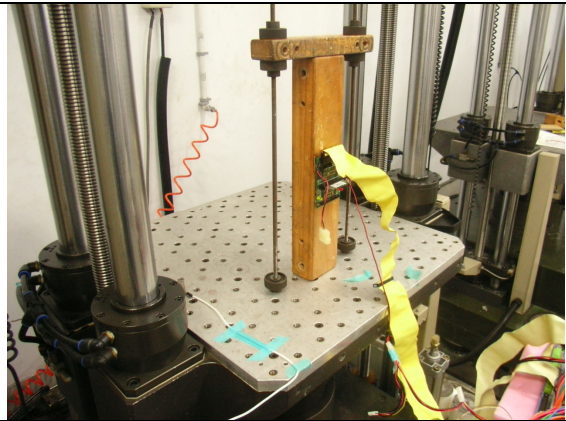
TESTING / INSPECTION REPORT

Testing photos (ADM III Low Profile C-Grade Operation Test)

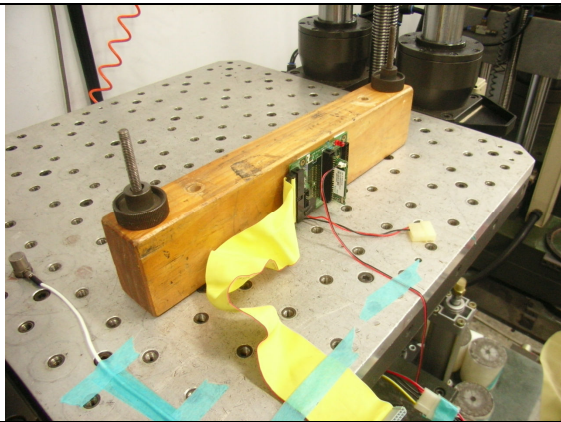
AXIS X



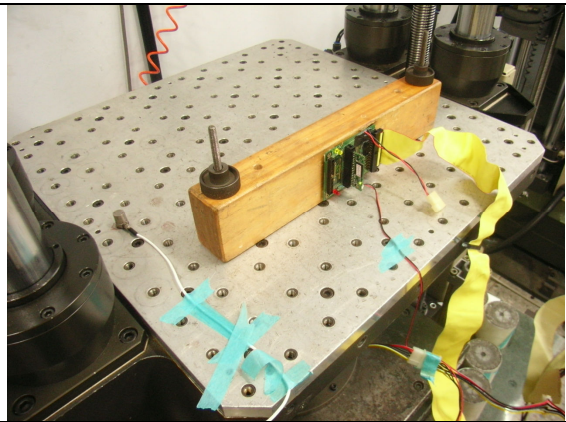
AXIS -X



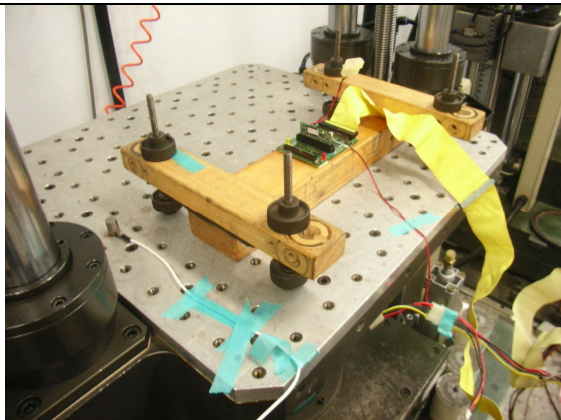
AXIS Y



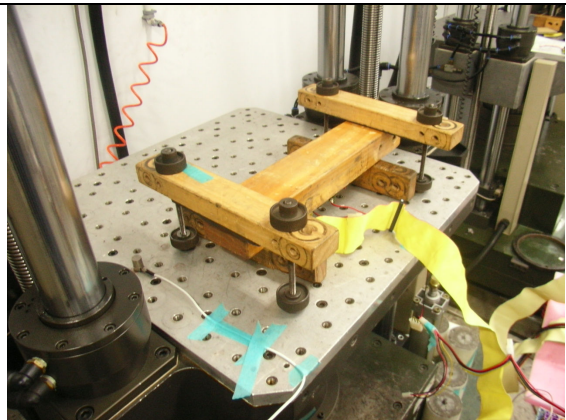
AXIS -Y



AXIS Z



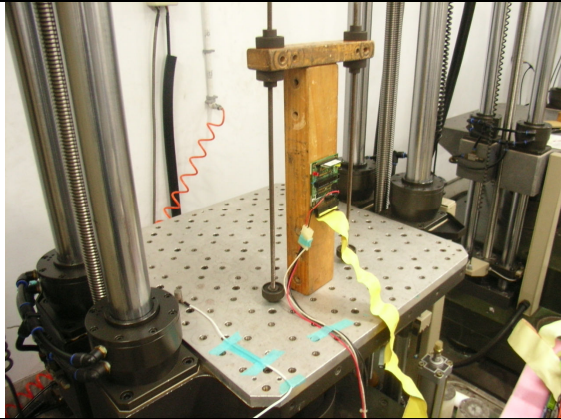
AXIS -Z



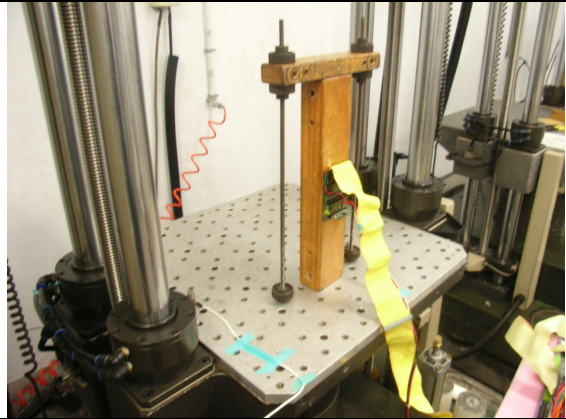
TESTING / INSPECTION REPORT

Testing photos (ADM III Low Profile I-Grade Operation Test)

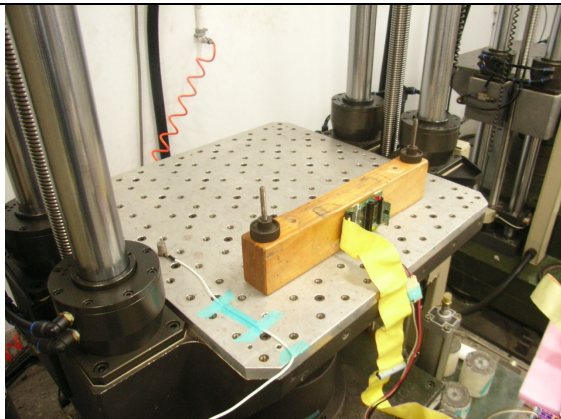
AXIS X



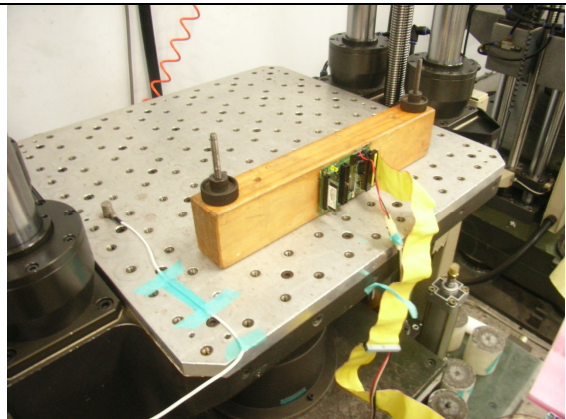
AXIS -X



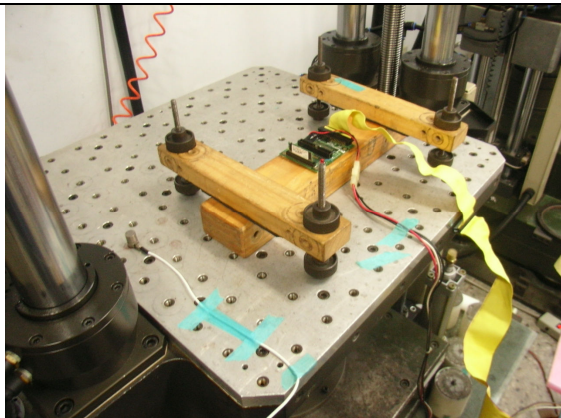
AXIS Y



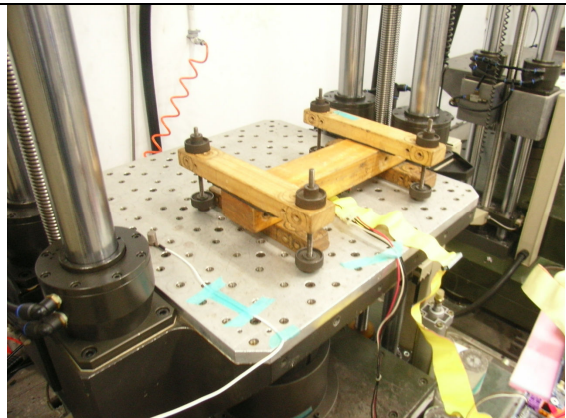
AXIS -Y



AXIS Z



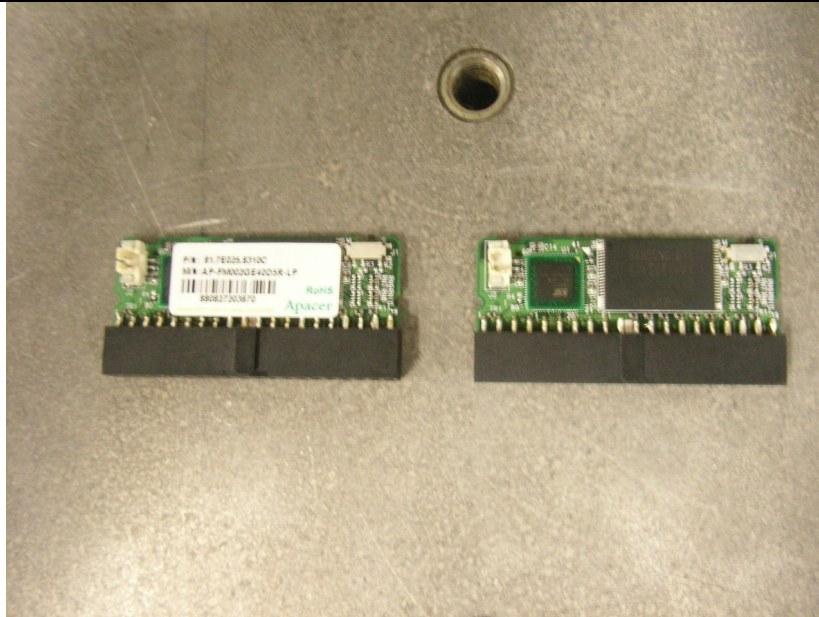
AXIS -Z



TESTING / INSPECTION REPORT

Testing photos(ADM III Low Profile C-Grade)

After test



 The screenshot shows the BurnInTest V4.0 Pro software interface. On the left, there are two windows for "Disk Test" showing progress for Disk D and Disk E. The main window displays the "Result Sheet" for the test. A red "STOP" sign icon is visible in the top right corner of the main window.

Test Name	Cycle	Operations	Errors	Last Error Description
Disk (D: 2GB-C-1)	8788	3.589 Trillion	0	No errors
Disk (E: 2GB-C-2)	8775	3.587 Trillion	0	No errors

Notes:

TESTING / INSPECTION REPORT

Testing photos(ADM III Low Profile I-Grade)

After test



BurnInTest V4.0 Pro - [Live Results]

BurnInTest V4.0 Pro - Result Sheet

Machine Name: 8N-SLI
 CPU Manufacturer: GenuineIntel
 CPU Speed: 3013.0 MHz
 Start time: Wed Oct 08 10:08:44 2008
 Duration: 214h 49m 10s
 Temperature: (Min / Current / Max)

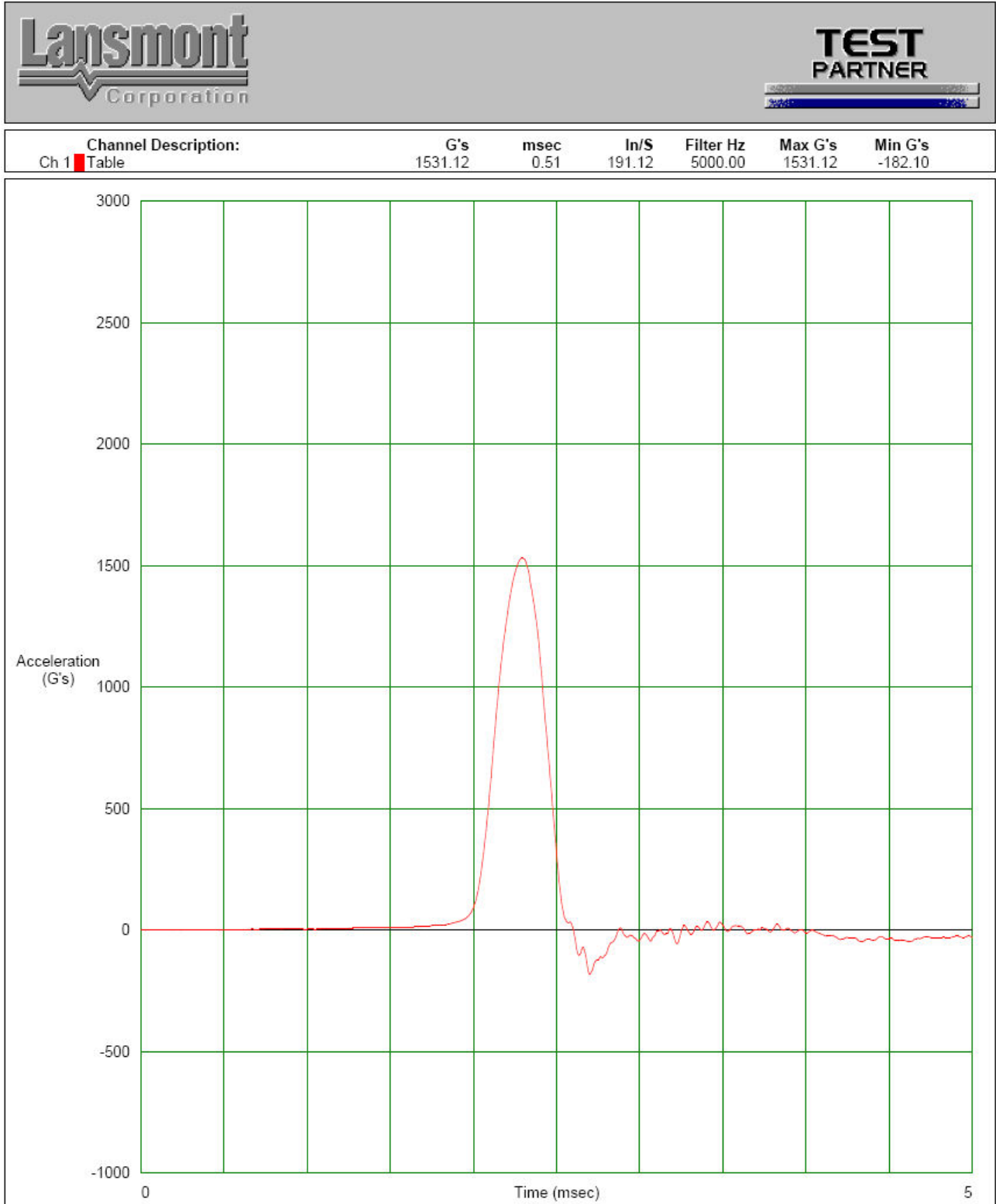
Config file: LastUsed.cfg
 CPU Type: Intel(R) Pentium(R) 4 CPU 3.00GHz
 Stop time: .

Test Name	Cycle	Operations	Errors	Last Error Description
Disk (D: 2GB-I-3)	20294	8.296 Trillion	0	No errors
Disk (F: 2GB-I-1)	11195	4.572 Trillion	0	No errors
Disk (G: 2GB-I-2)	11184	4.572 Trillion	0	No errors


Notes:

Ready

Axis X-1(ADM III Low Profile C-Grade)

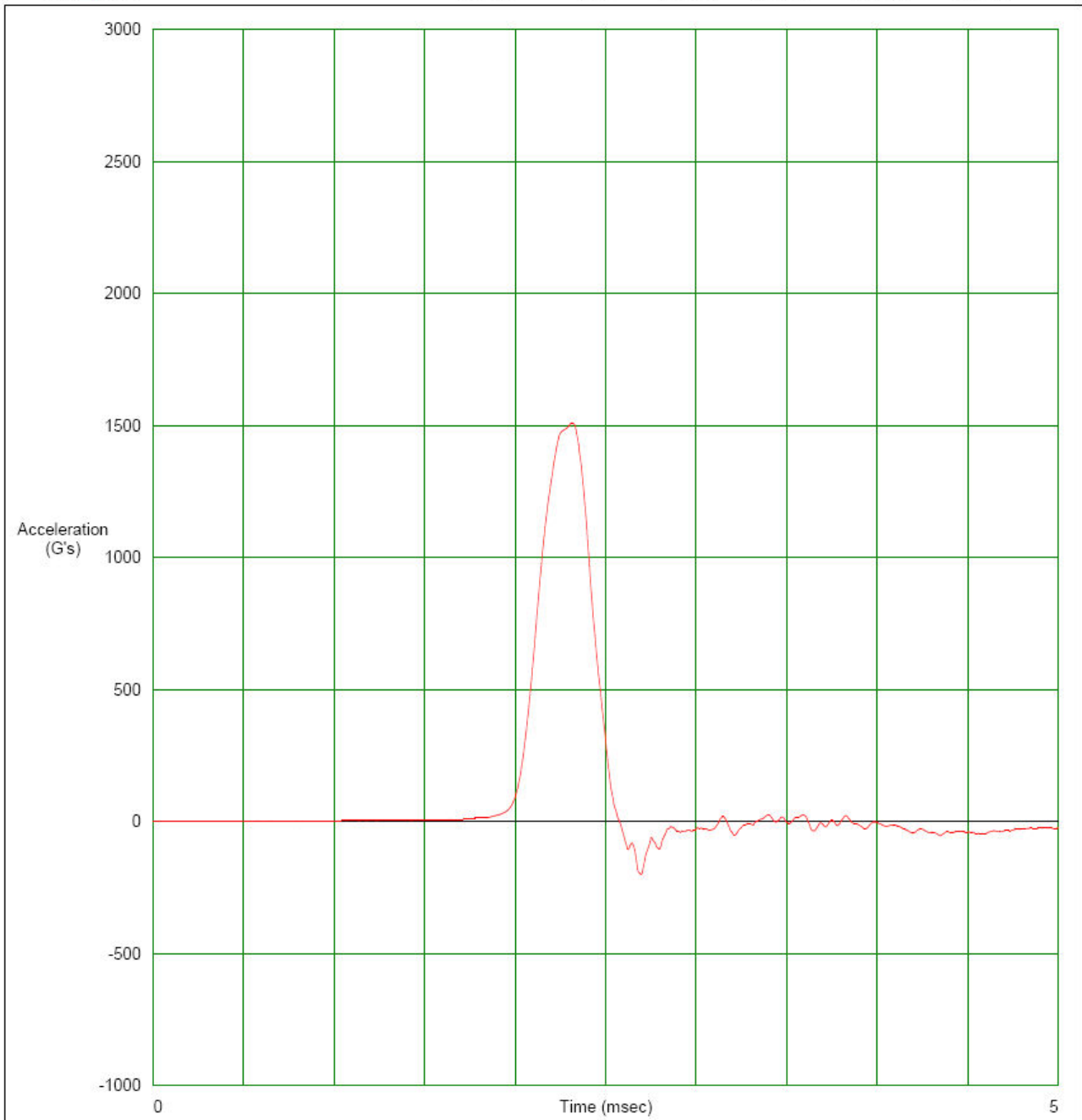


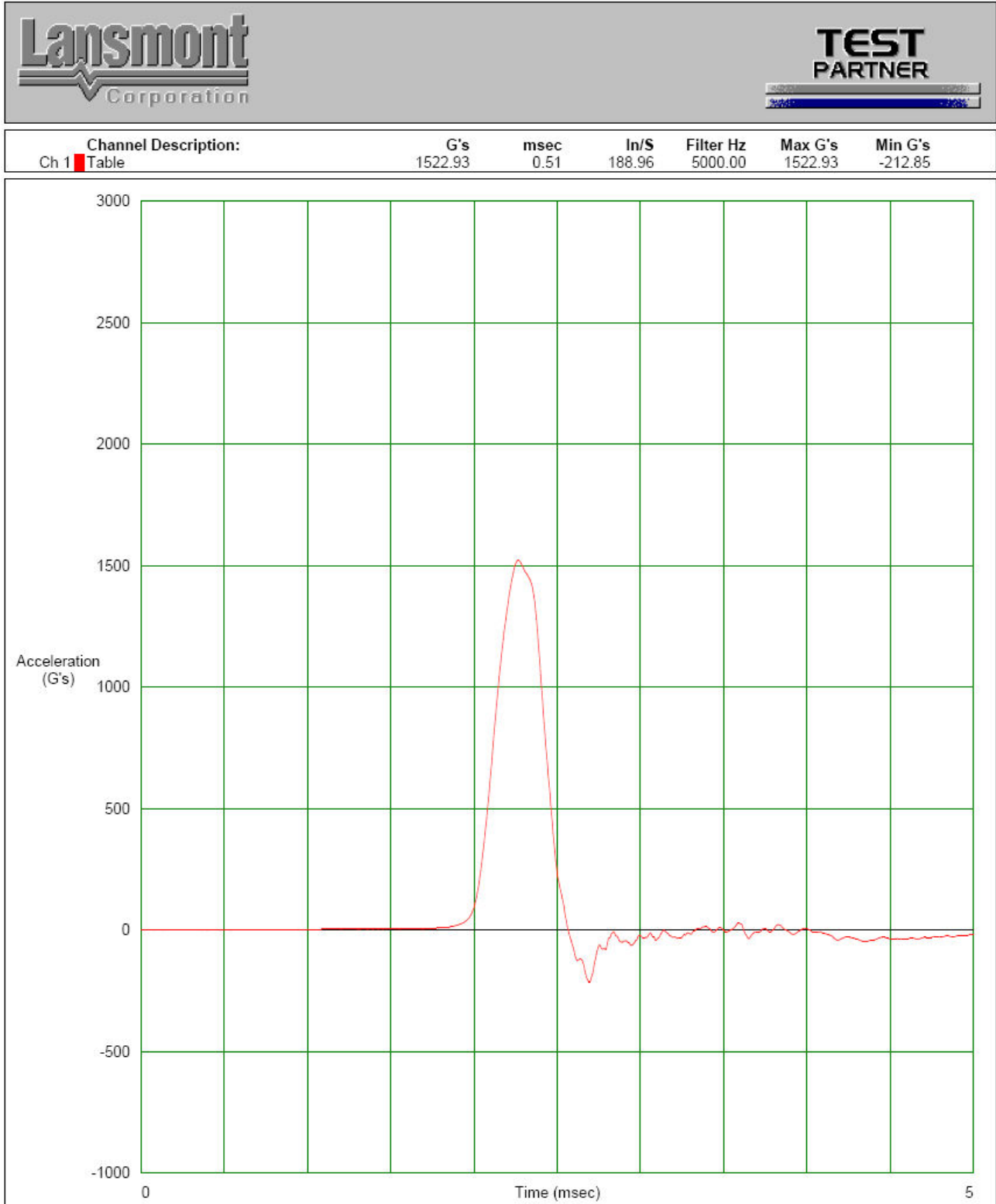
Axis X-2



**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1510.30	0.51	189.03	5000.00	1510.30	-200.31

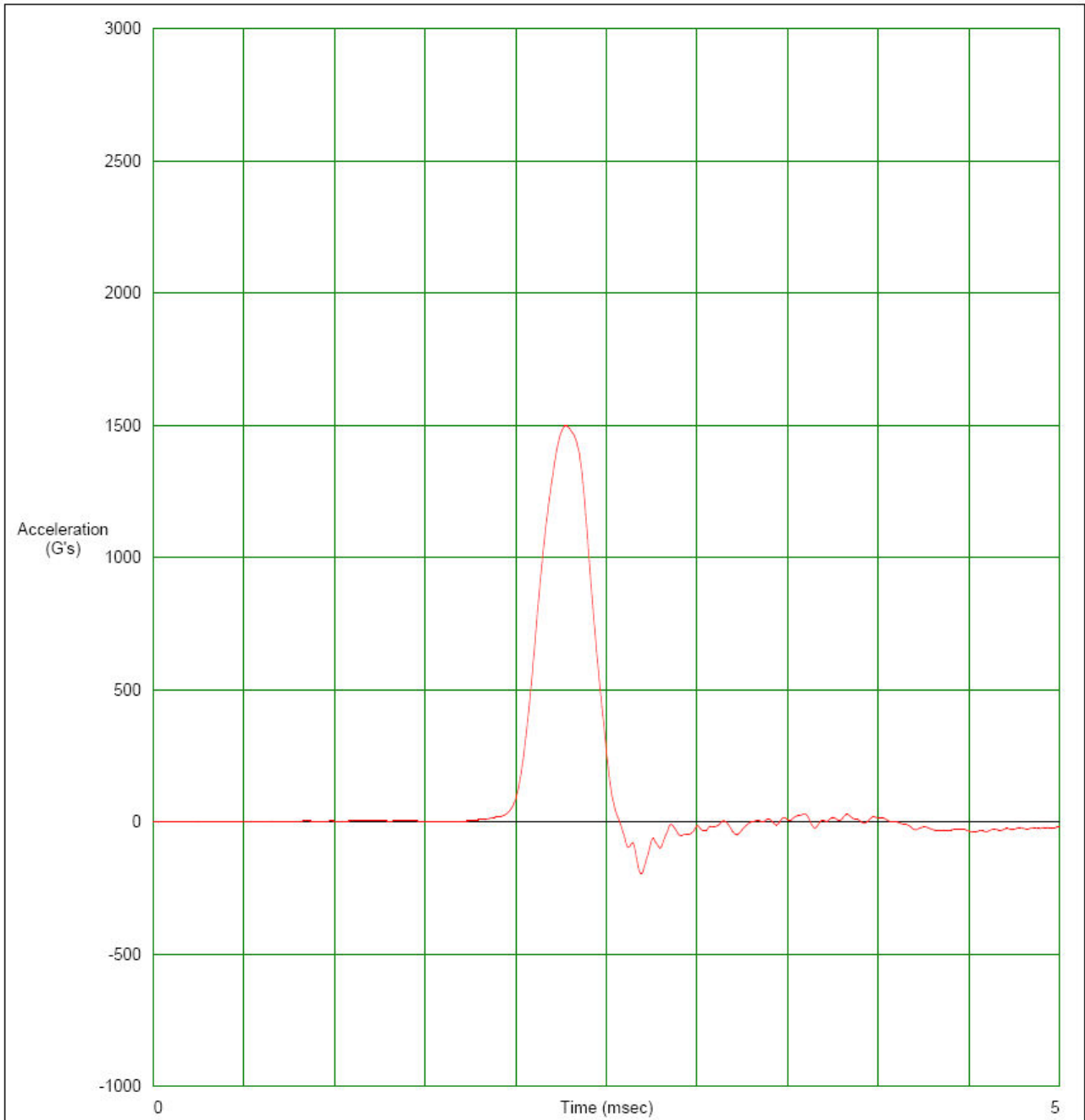


Axis X-3


Axis -X-1

	TEST PARTNER
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Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1497.64	0.50	186.46	5000.00	1497.64	-194.78



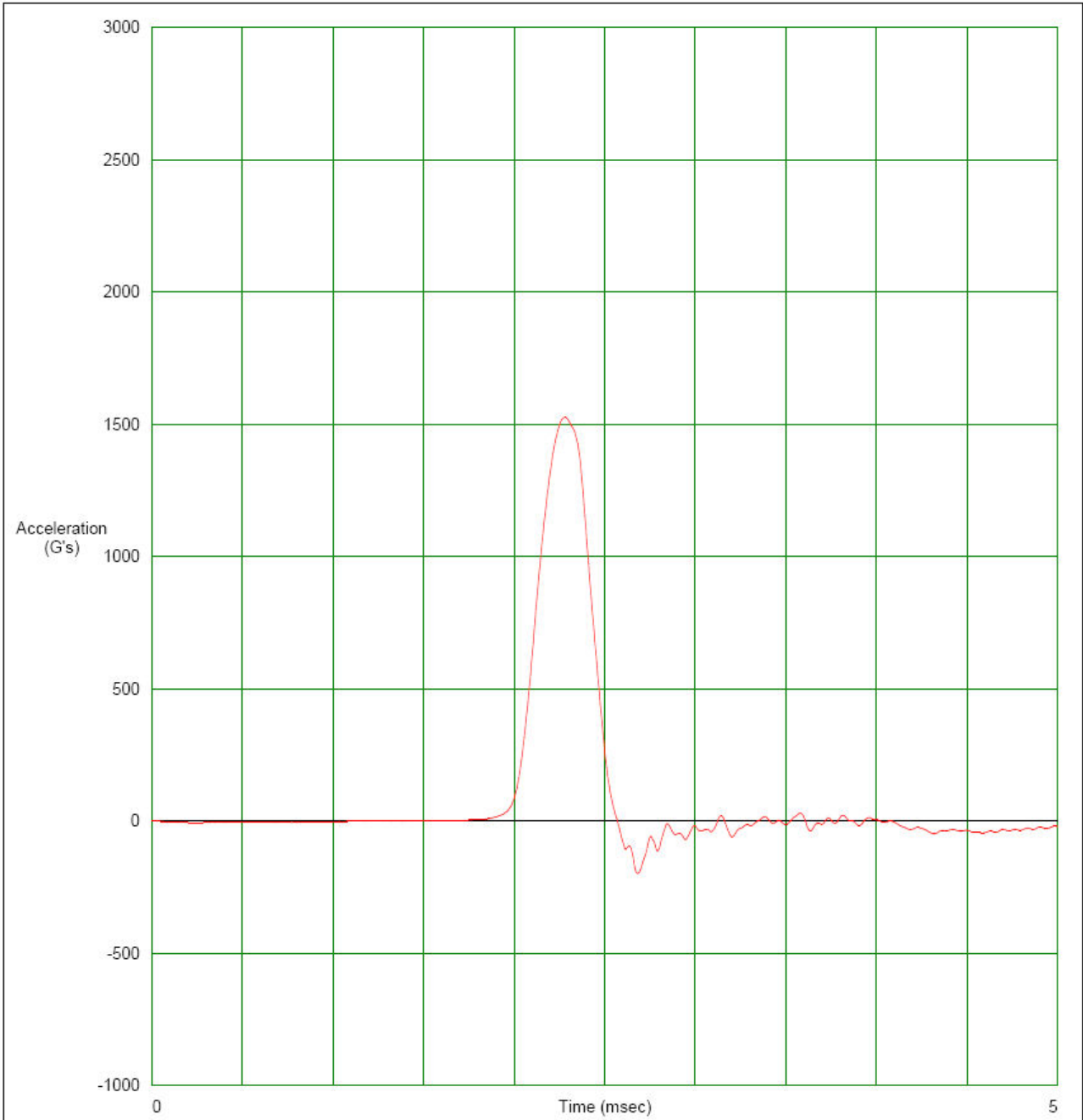
Axis -X-2



TEST PARTNER



Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1526.49	0.50	189.91	5000.00	1526.49	-197.69

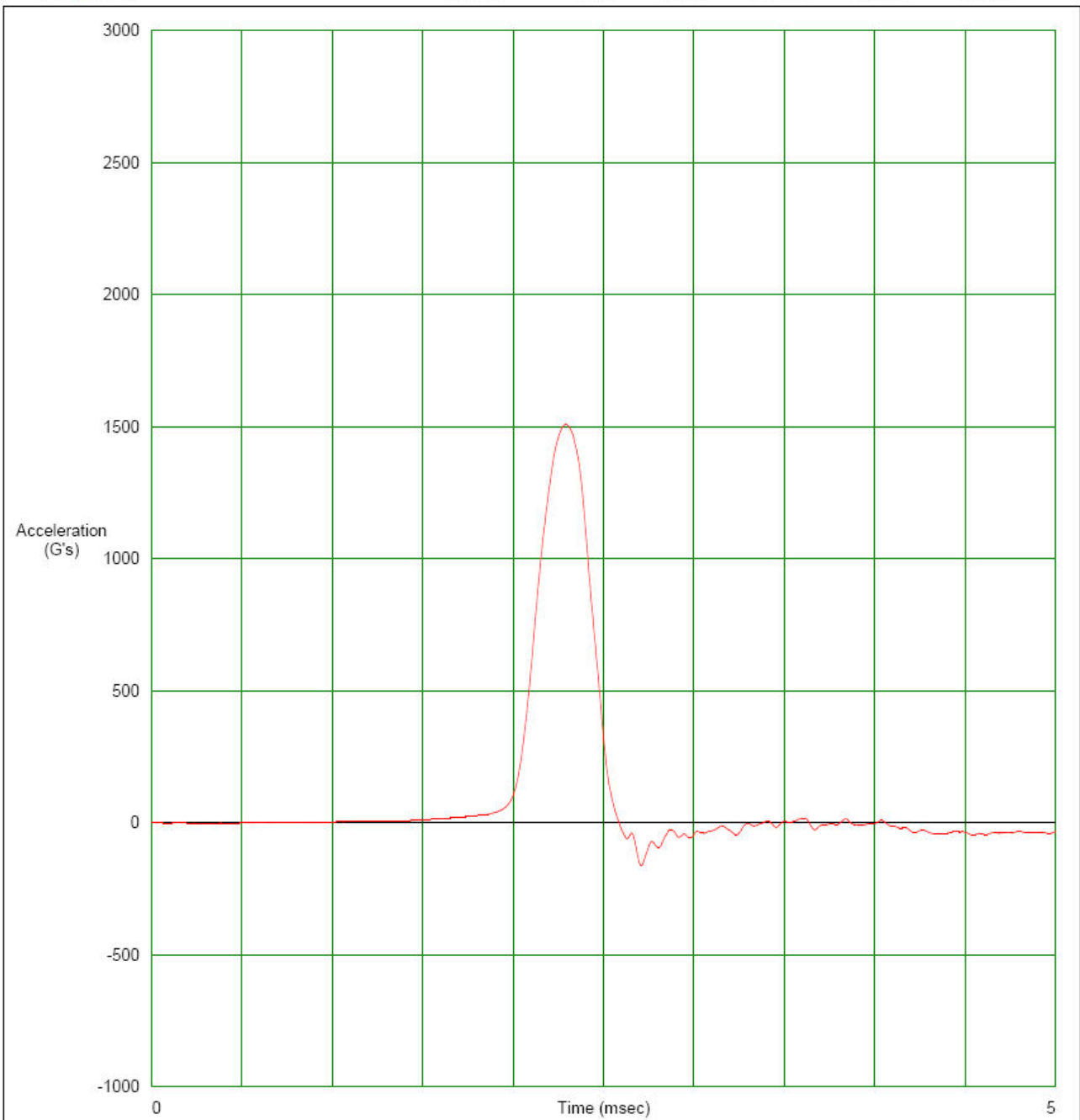


Axis -X-3



TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1510.17	0.52	191.96	5000.00	1510.17	-162.38

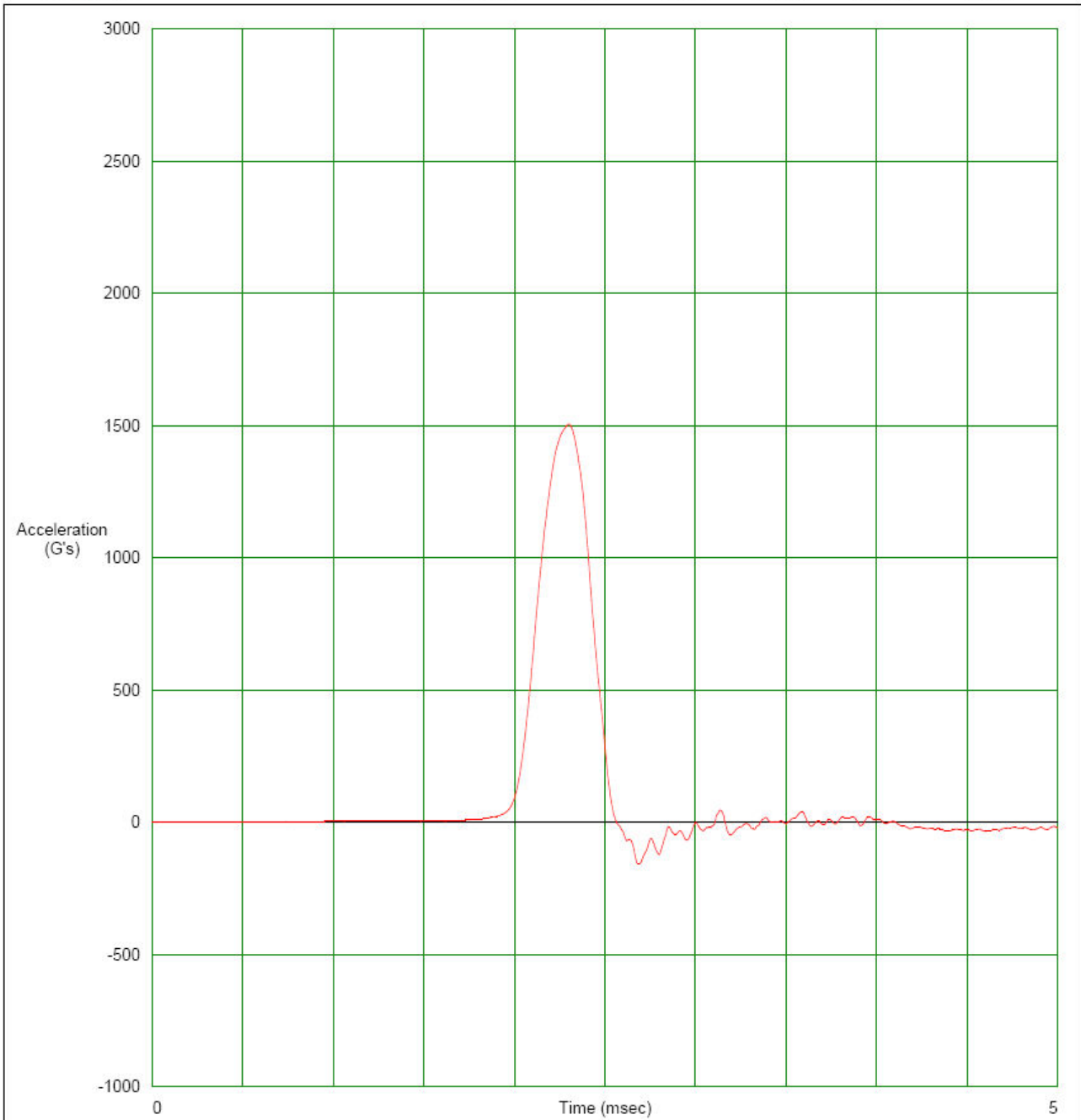


Axis Y-1

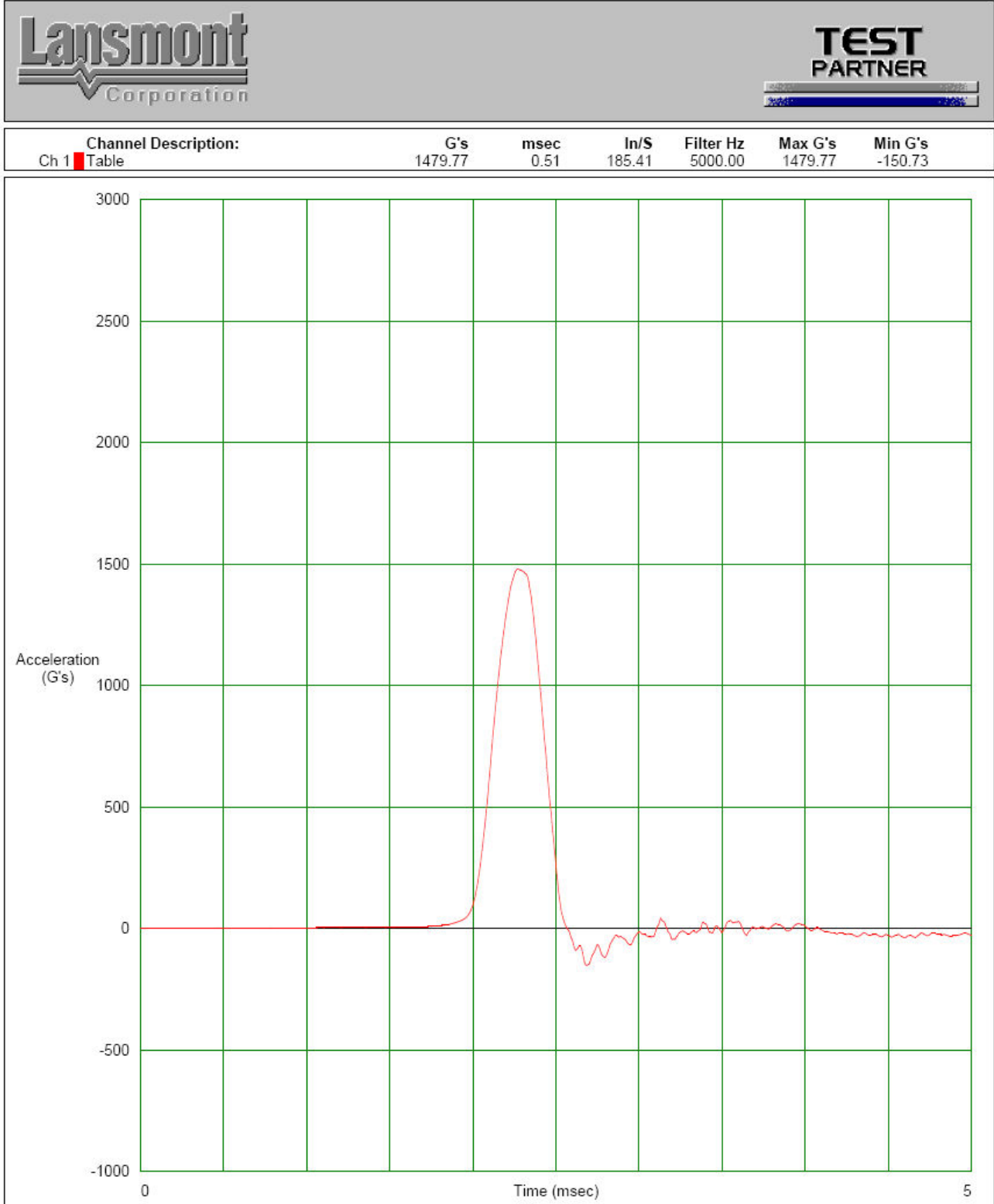


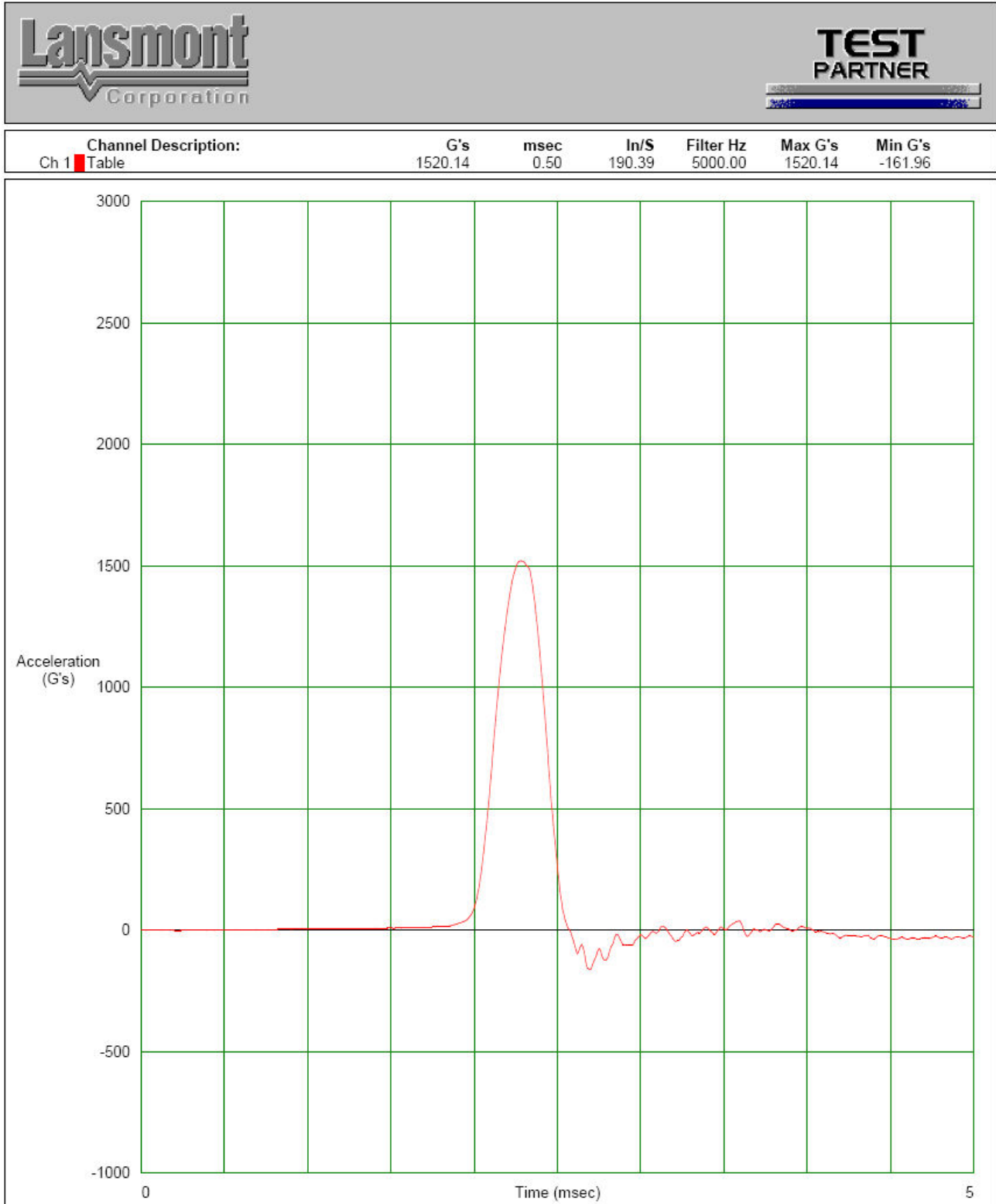
**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1505.72	0.51	186.94	5000.00	1505.72	-156.75



Axis Y-2



Axis Y-3


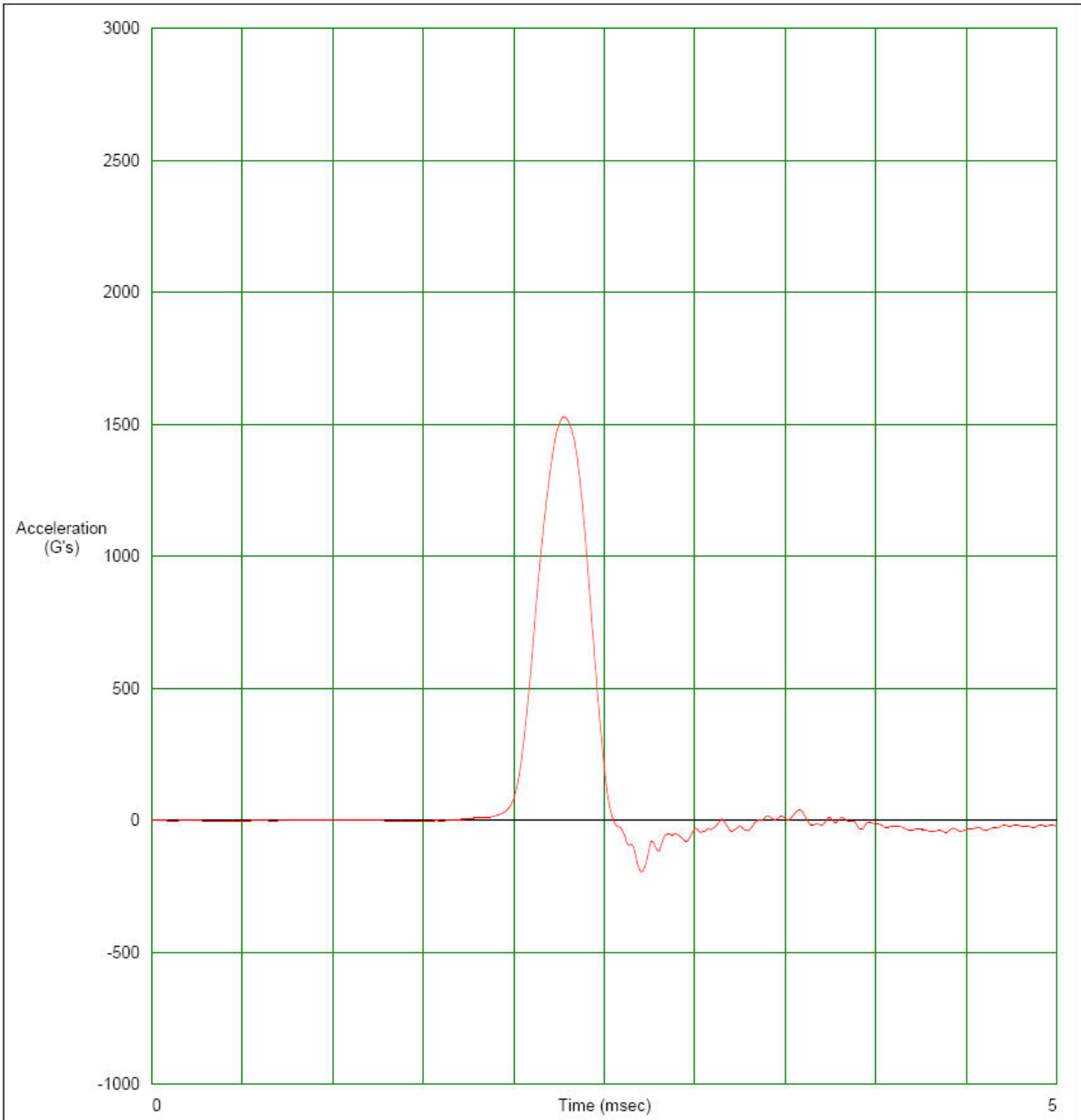
Axis -Y-1



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TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1529.08	0.49	184.21	5000.00	1529.08	-194.70

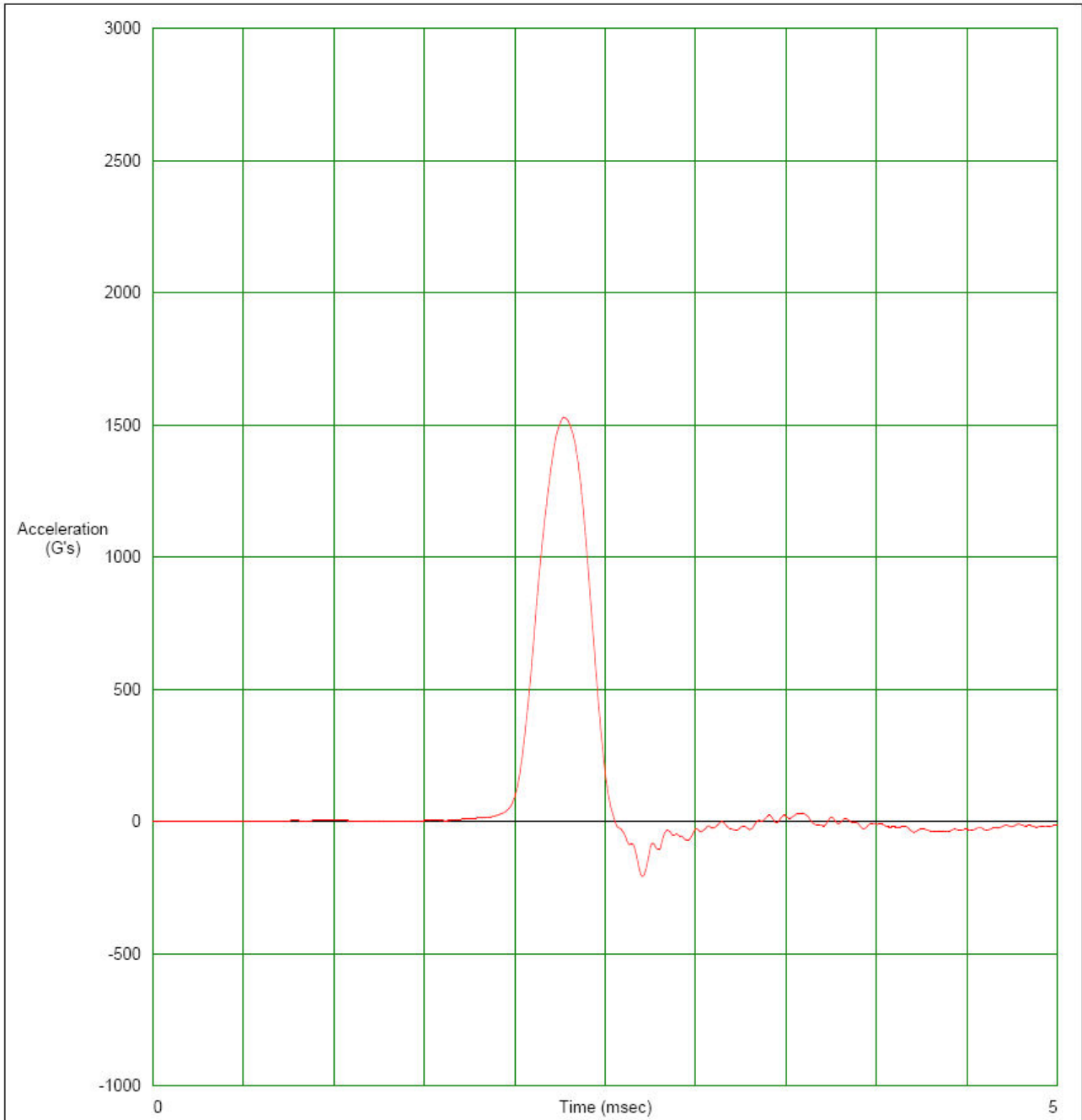


Axis -Y-2



**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1528.81	0.49	185.16	5000.00	1528.81	-207.12

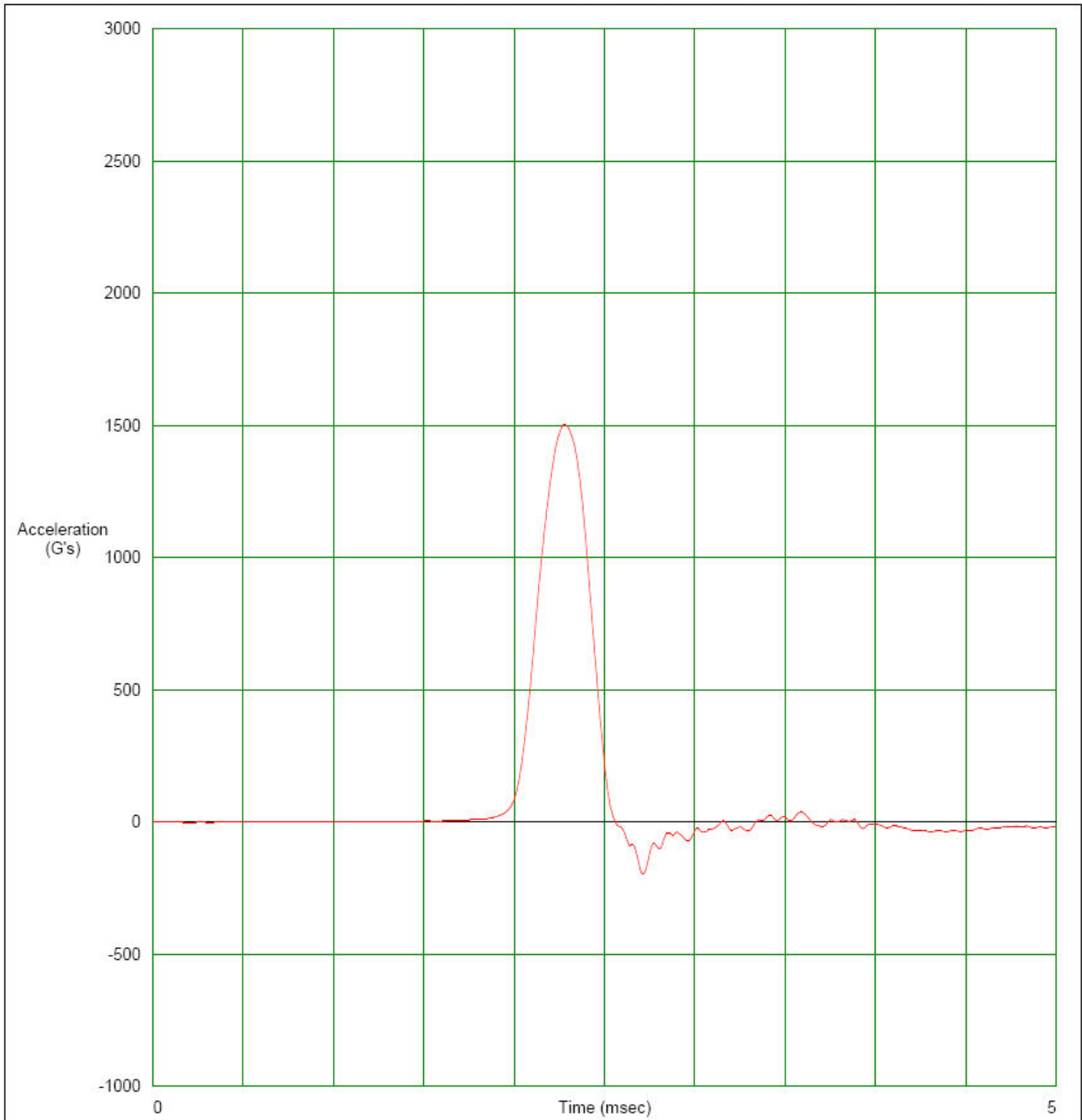


Axis -Y-3



TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1504.03	0.50	182.46	5000.00	1504.03	-196.35

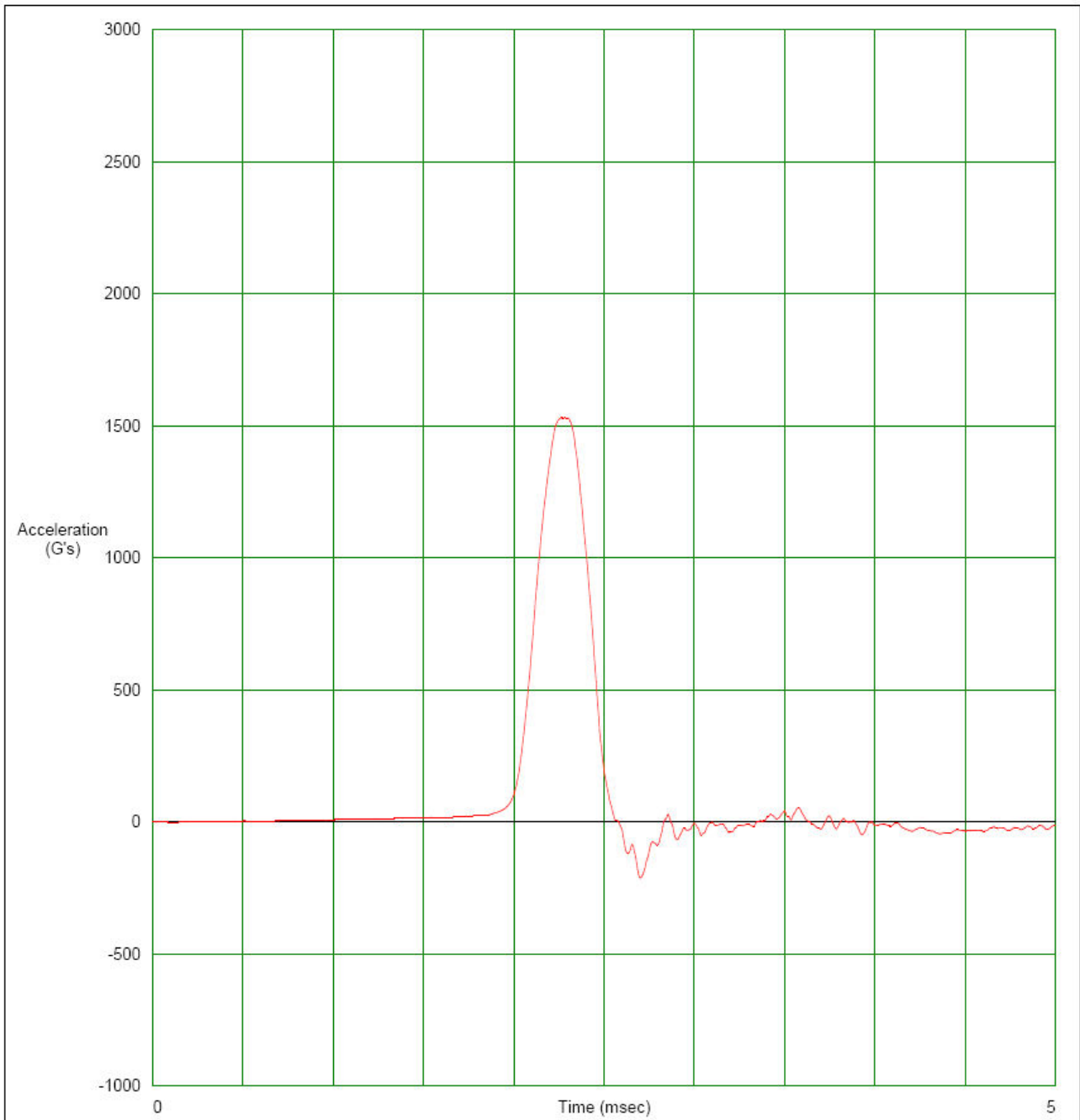


Axis Z-1



TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1529.86	0.50	190.45	5000.00	1529.86	-211.65

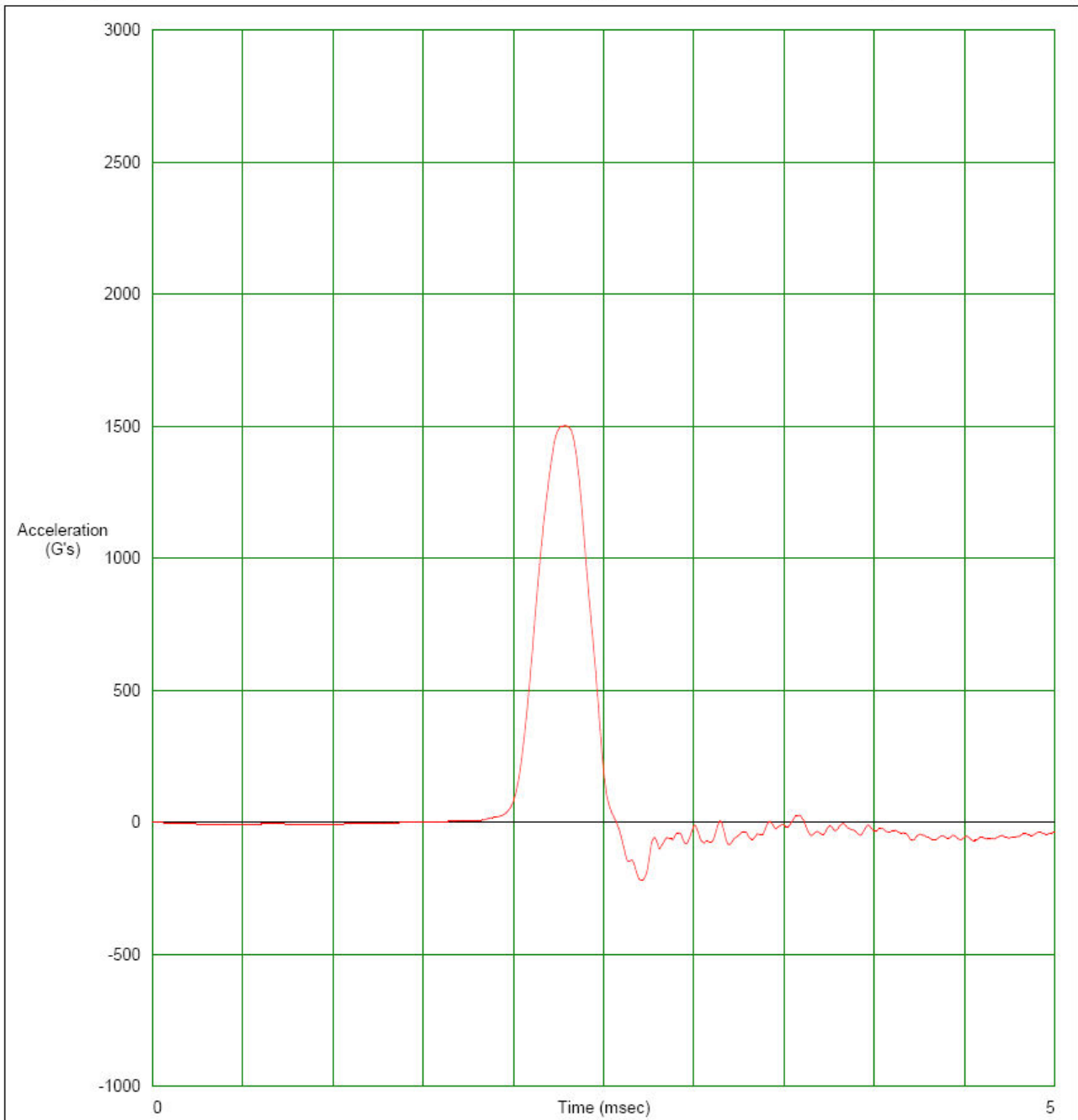


Axis Z-2

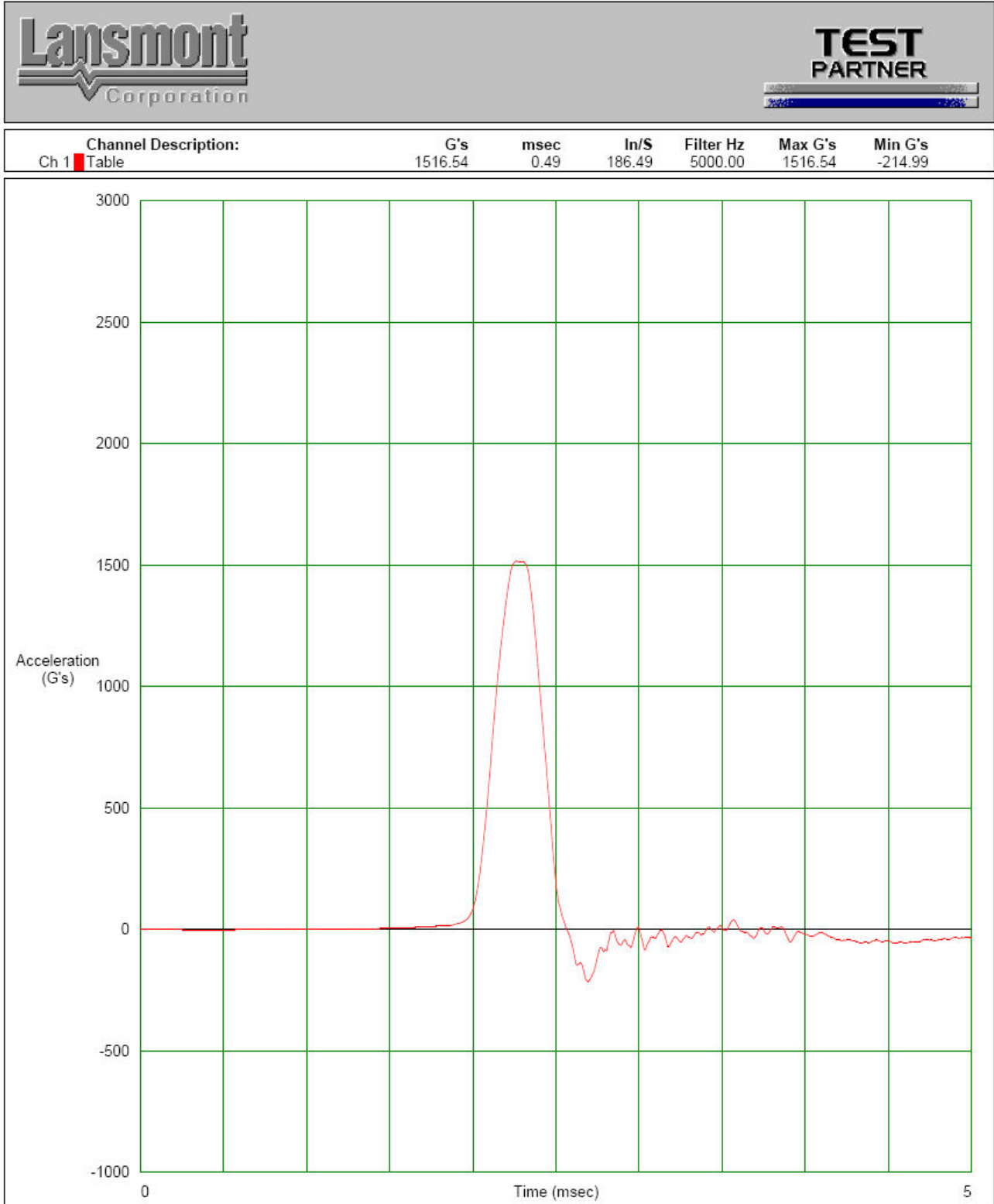


**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1502.89	0.49	183.94	5000.00	1502.89	-218.72



Axis Z-3

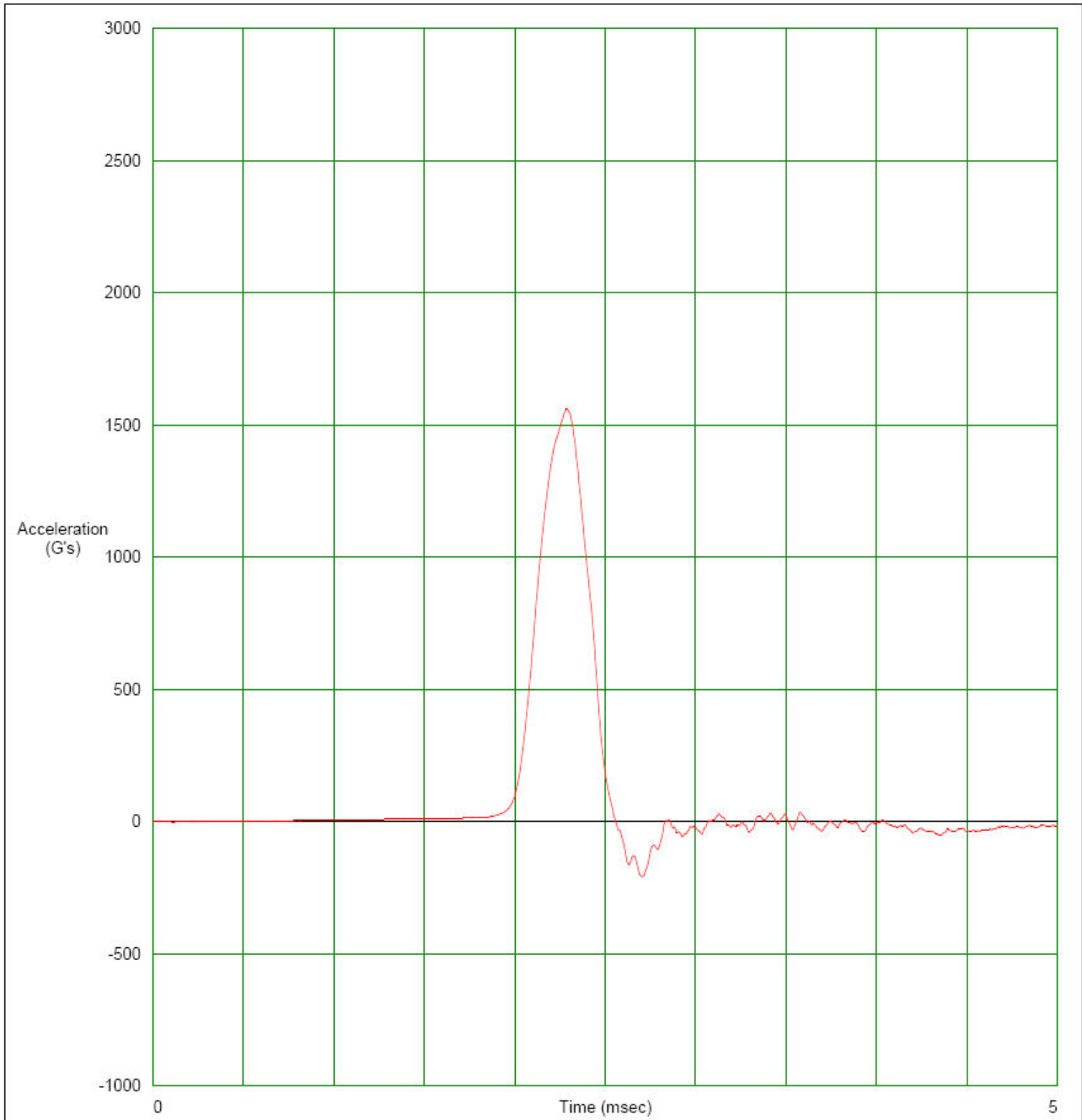


Axis -Z-1



**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1558.88	0.50	185.88	5000.00	1558.88	-207.65



Axis -Z-2

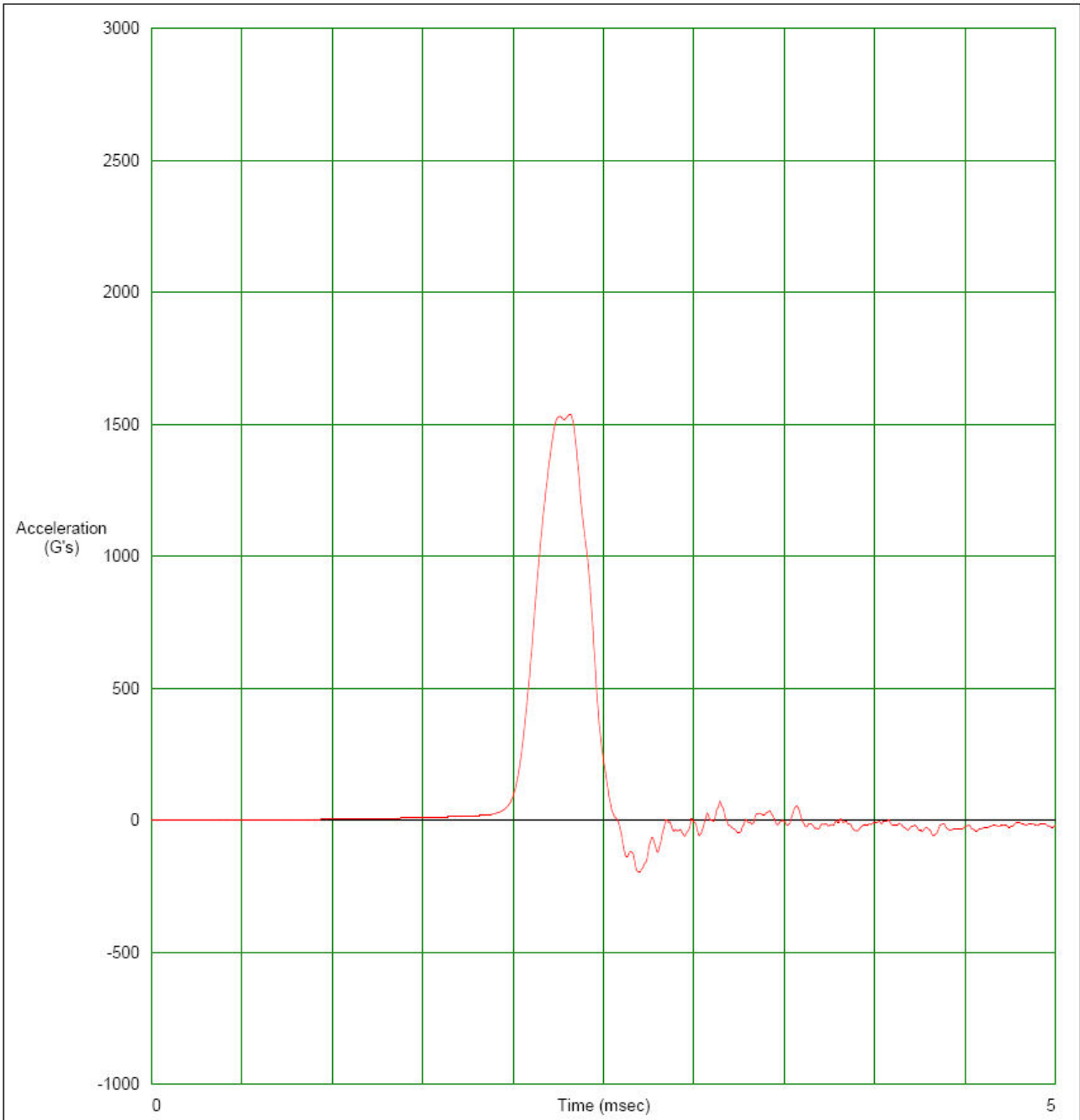

Axis -Z-3



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TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1538.65	0.50	190.02	5000.00	1538.65	-196.87



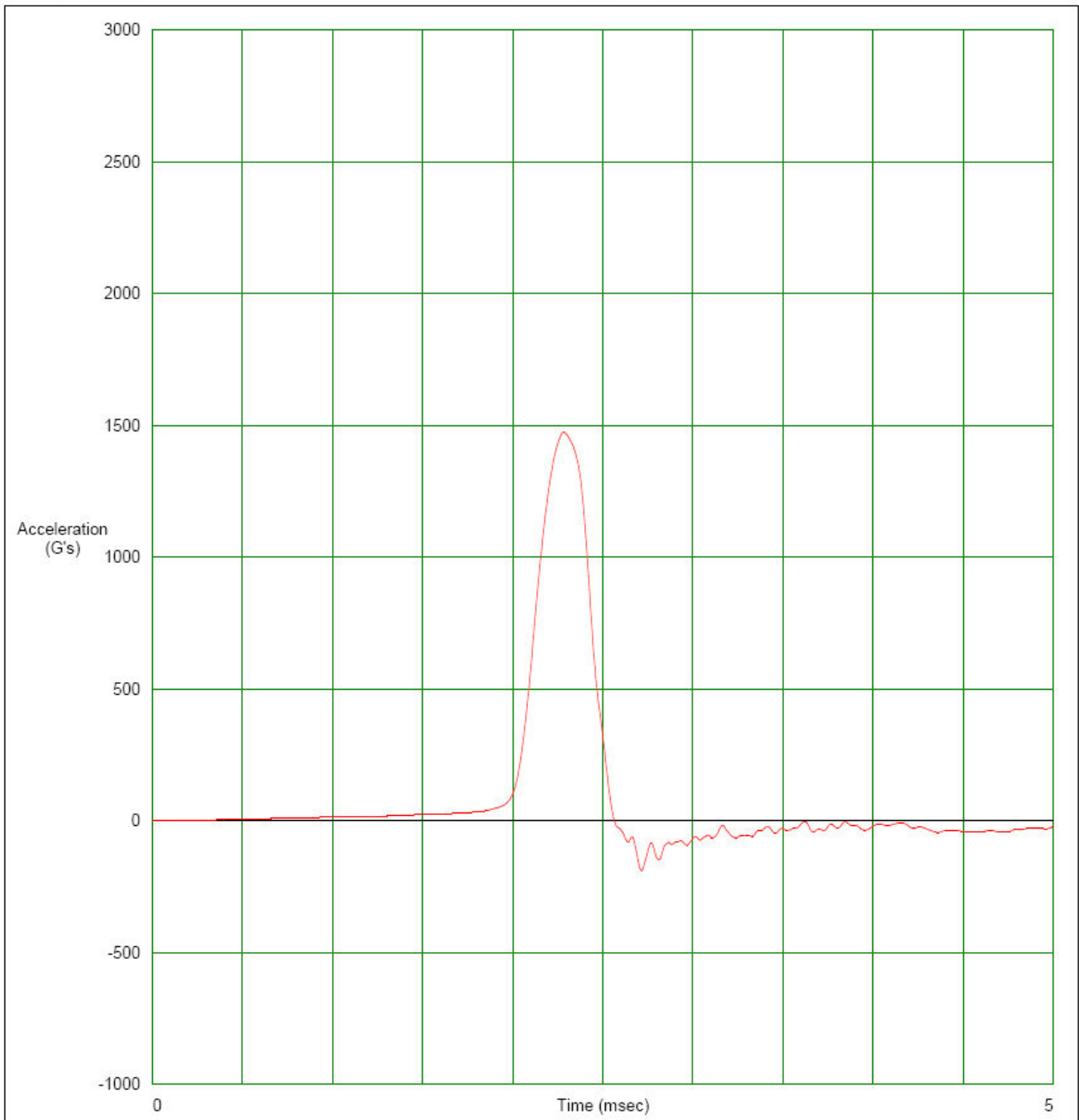
Axis X-1(ADM III Low Profile I-Grade)



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Corporation

TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1474.28	0.51	189.24	5000.00	1474.28	-189.08

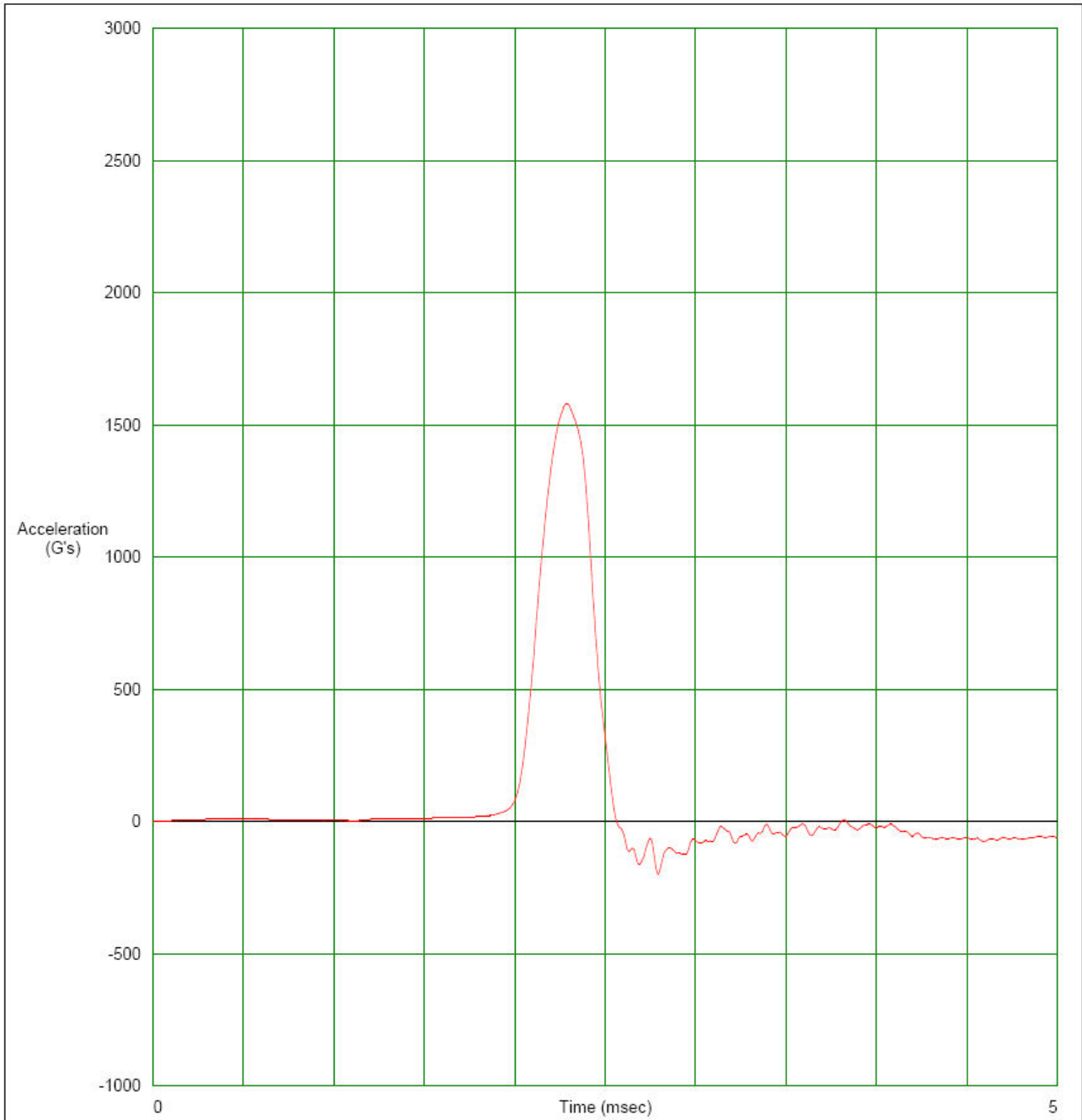


Axis X-2



**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1581.52	0.50	195.76	5000.00	1581.52	-198.33



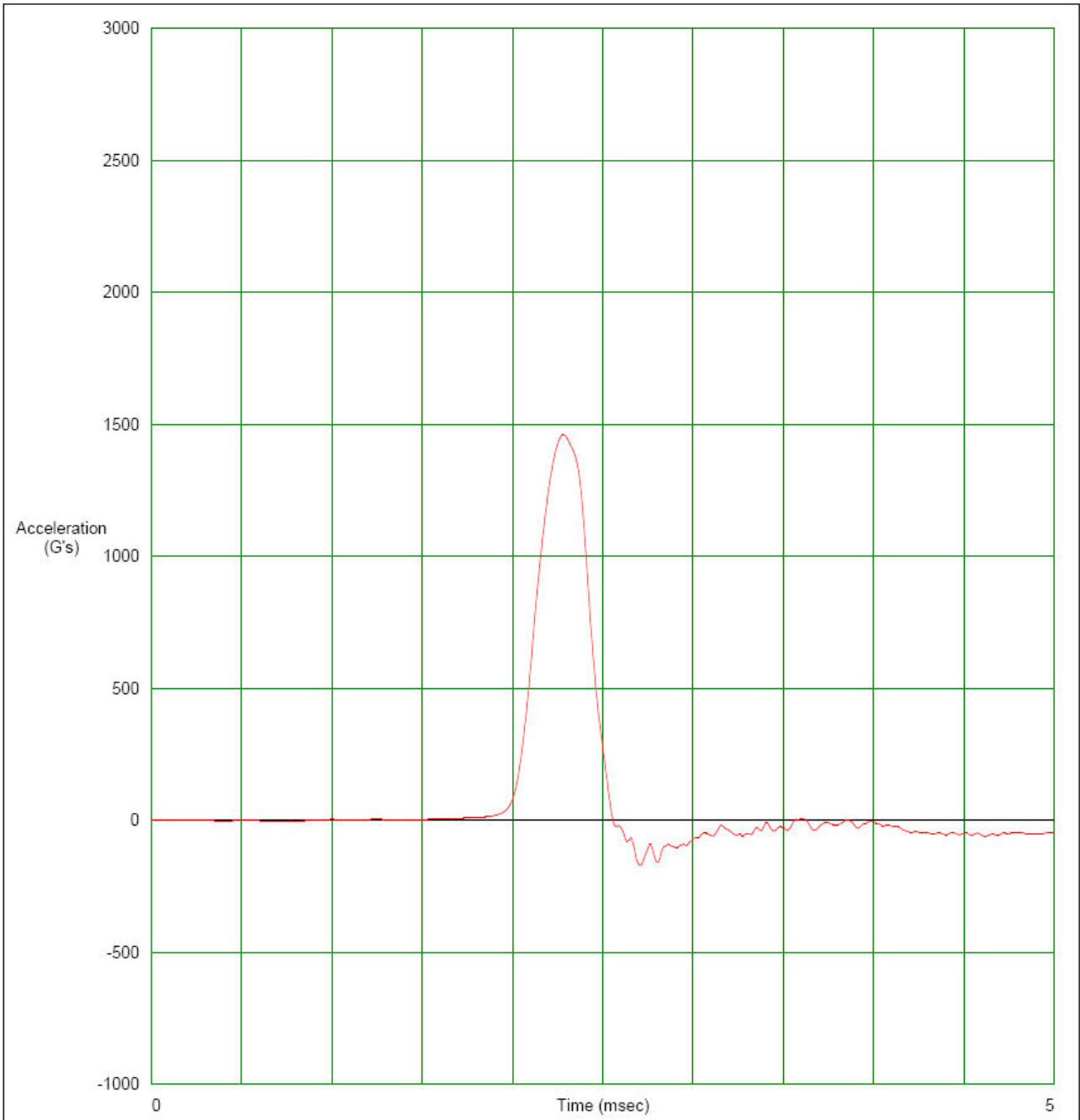
Axis X-3



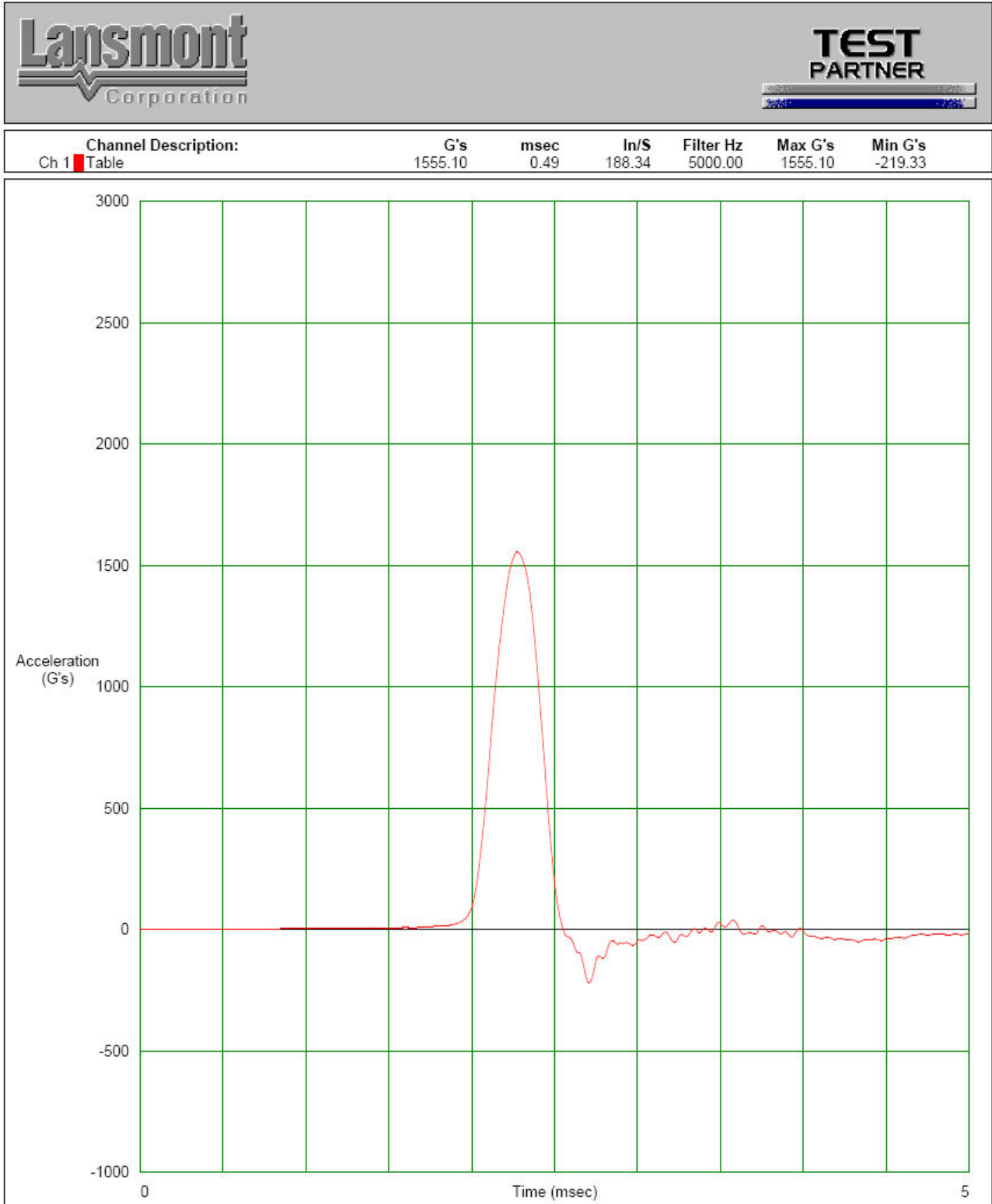
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Corporation

TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1460.22	0.51	181.06	5000.00	1460.22	-169.25



Axis -X-1

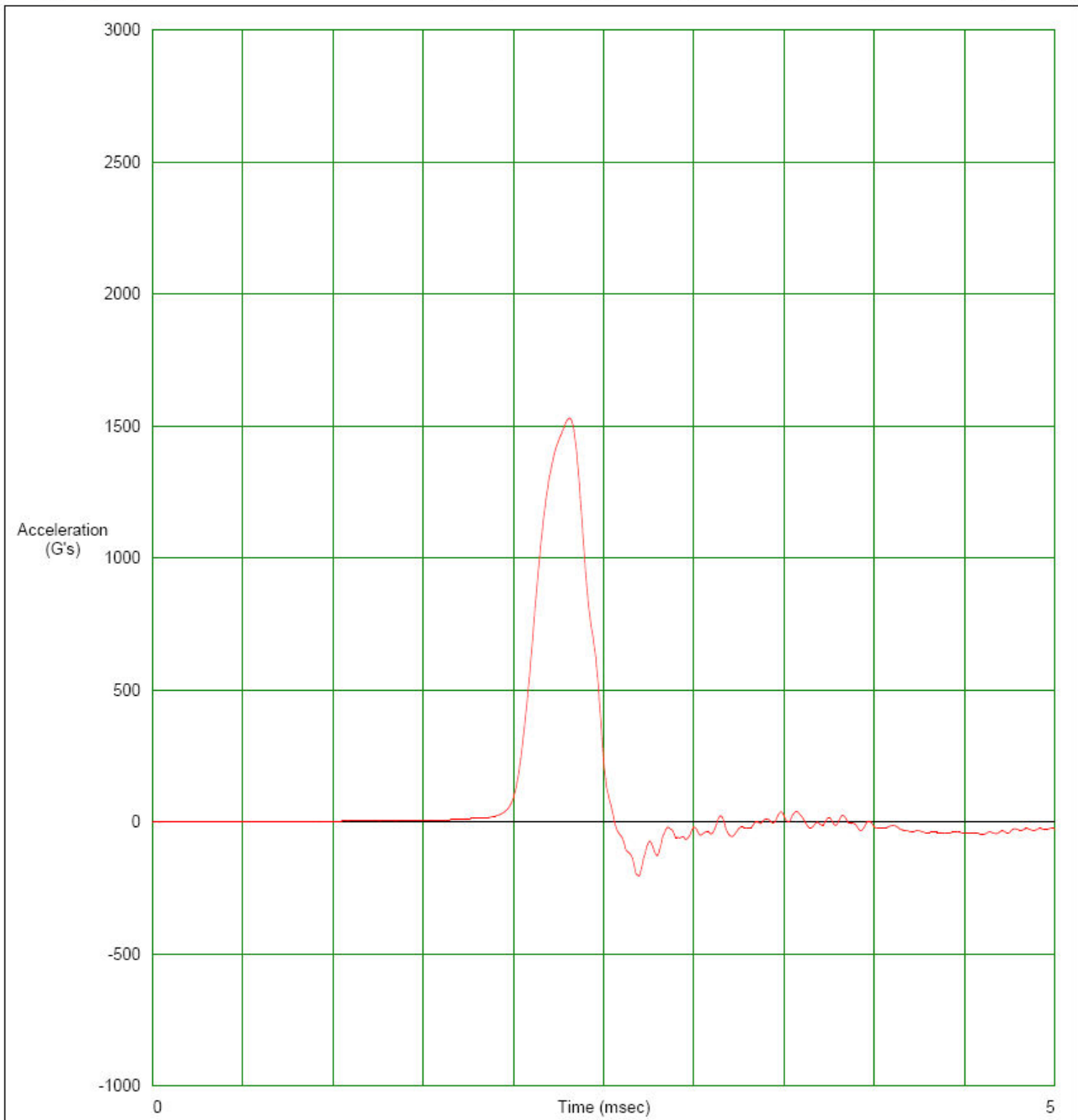


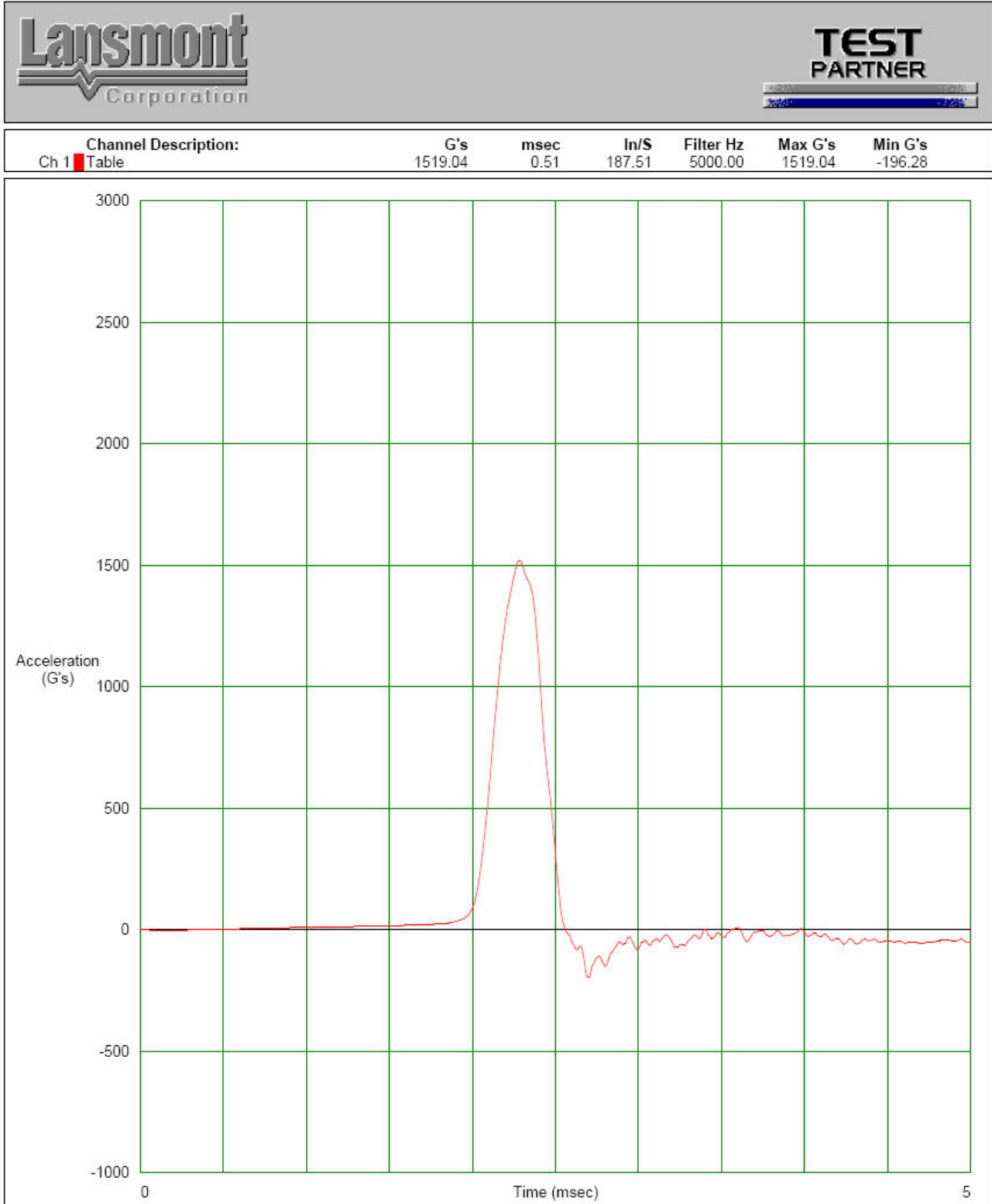
Axis -X-2



**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1529.89	0.50	186.46	5000.00	1529.89	-204.58



Axis -X-3


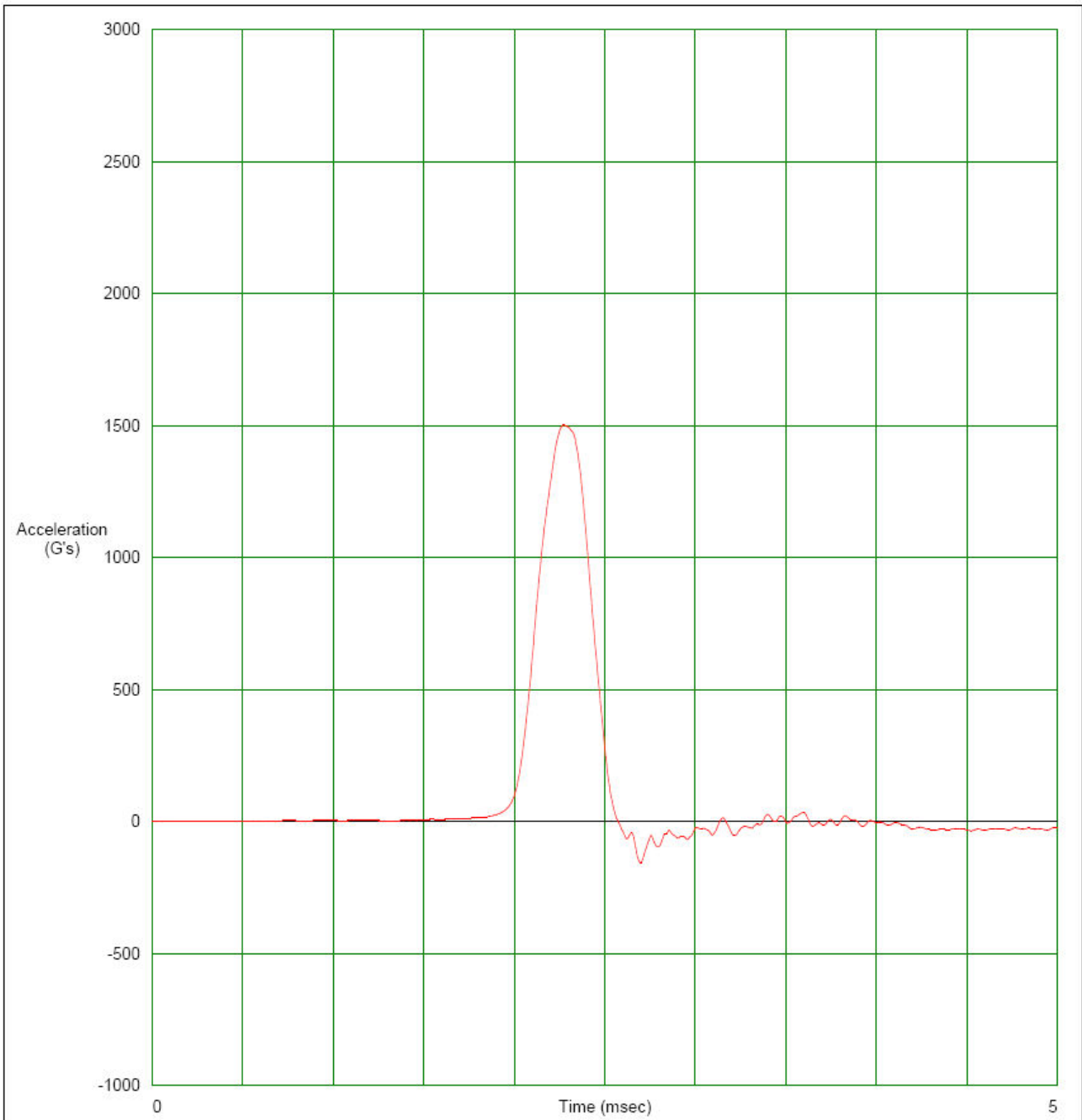
Axis Y-1

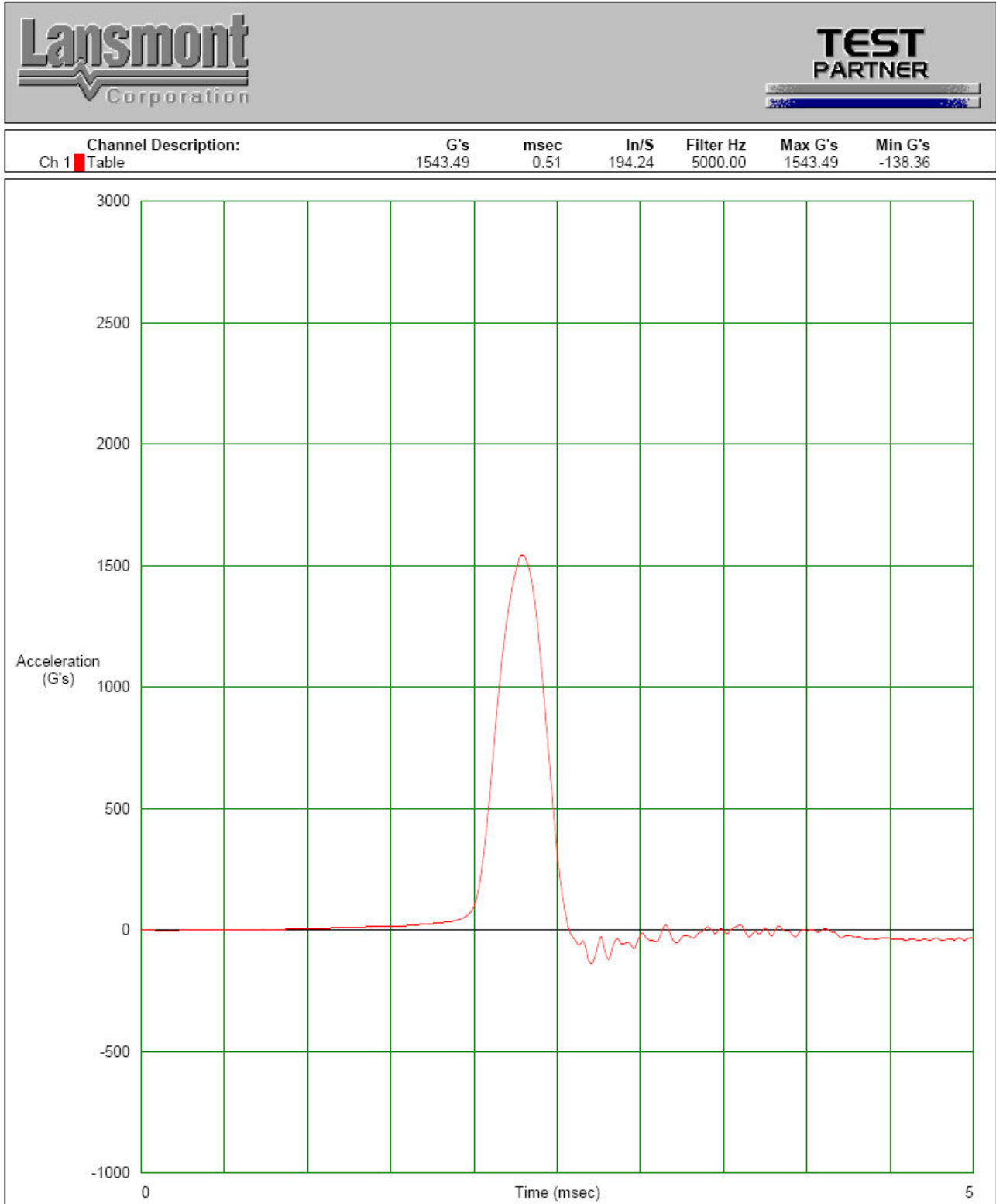


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Corporation

TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1501.64	0.51	188.55	5000.00	1501.64	-155.89



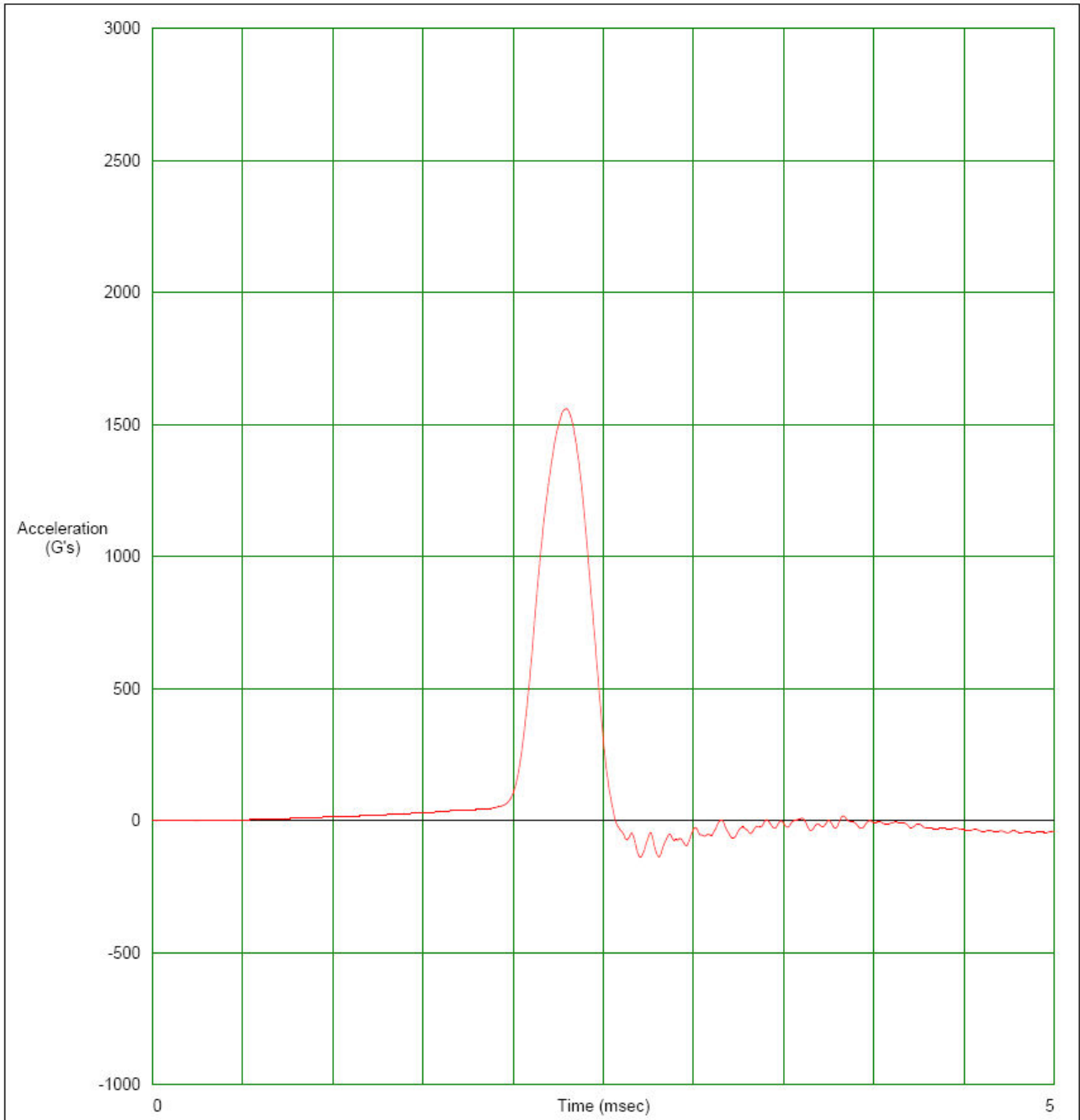
Axis Y-2


Axis Y-3



TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1559.85	0.51	199.25	5000.00	1559.85	-138.50



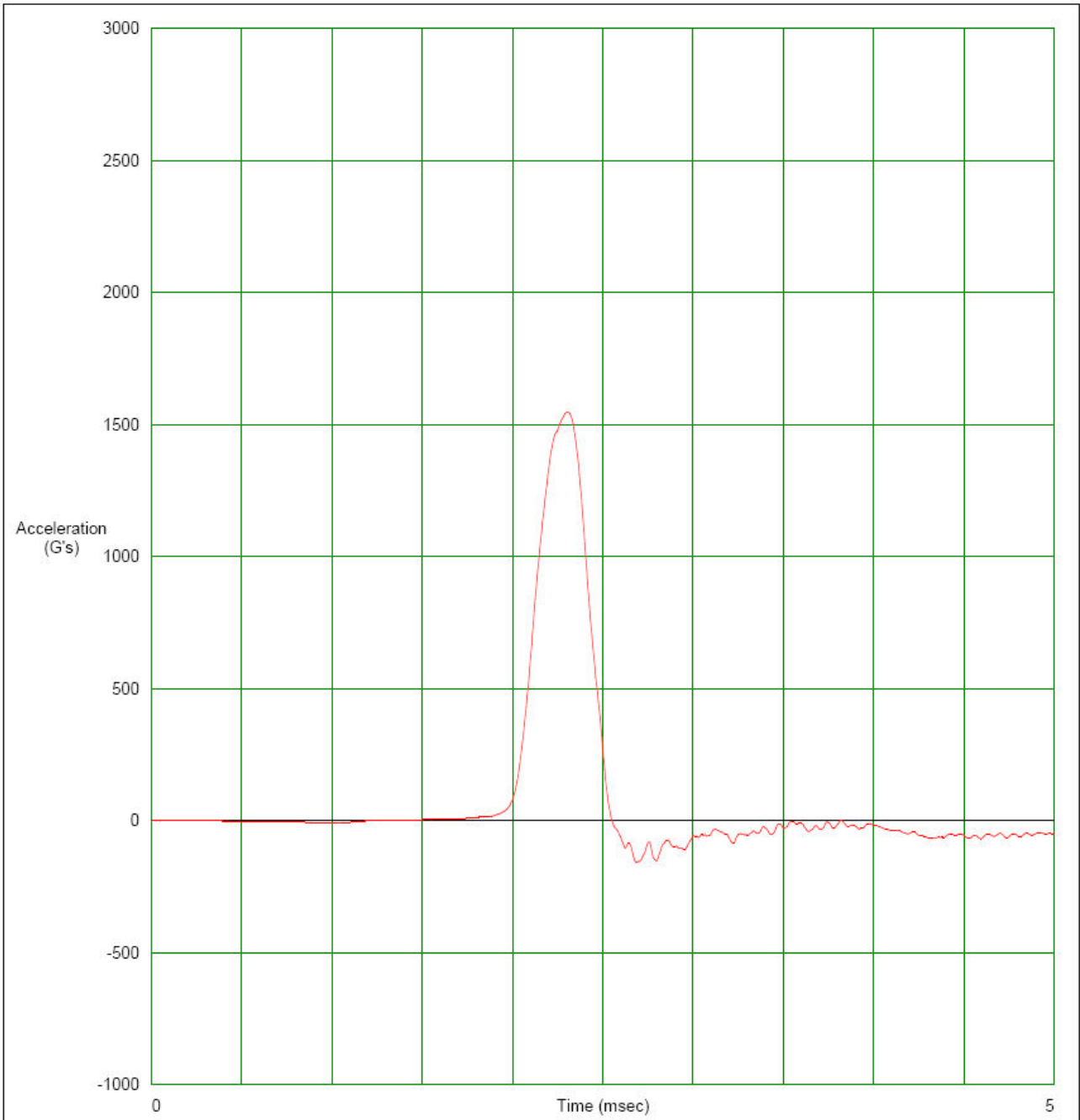
Axis -Y-1



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Corporation

TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1547.78	0.50	188.77	5000.00	1547.78	-158.40



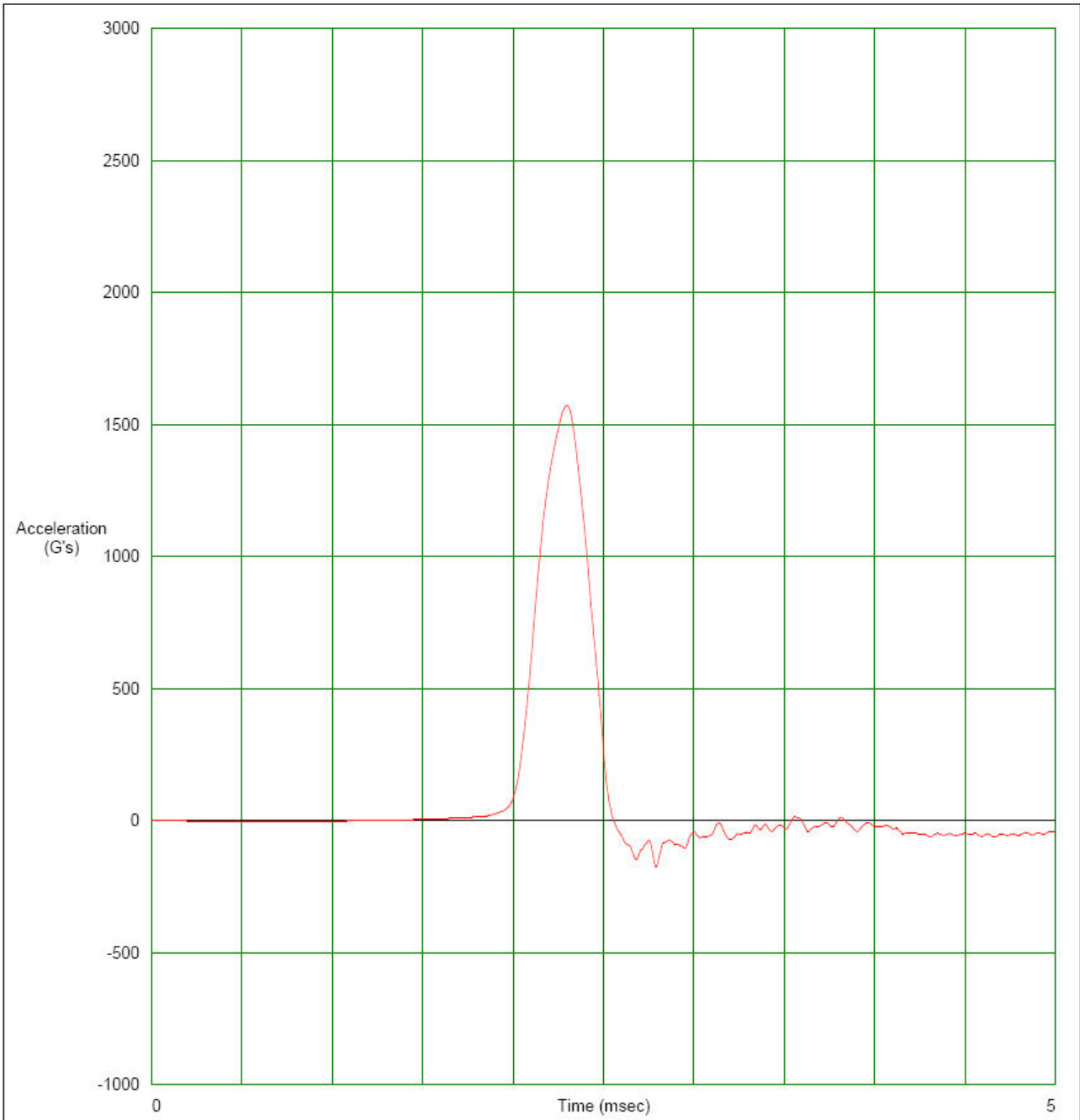
Axis -Y-2



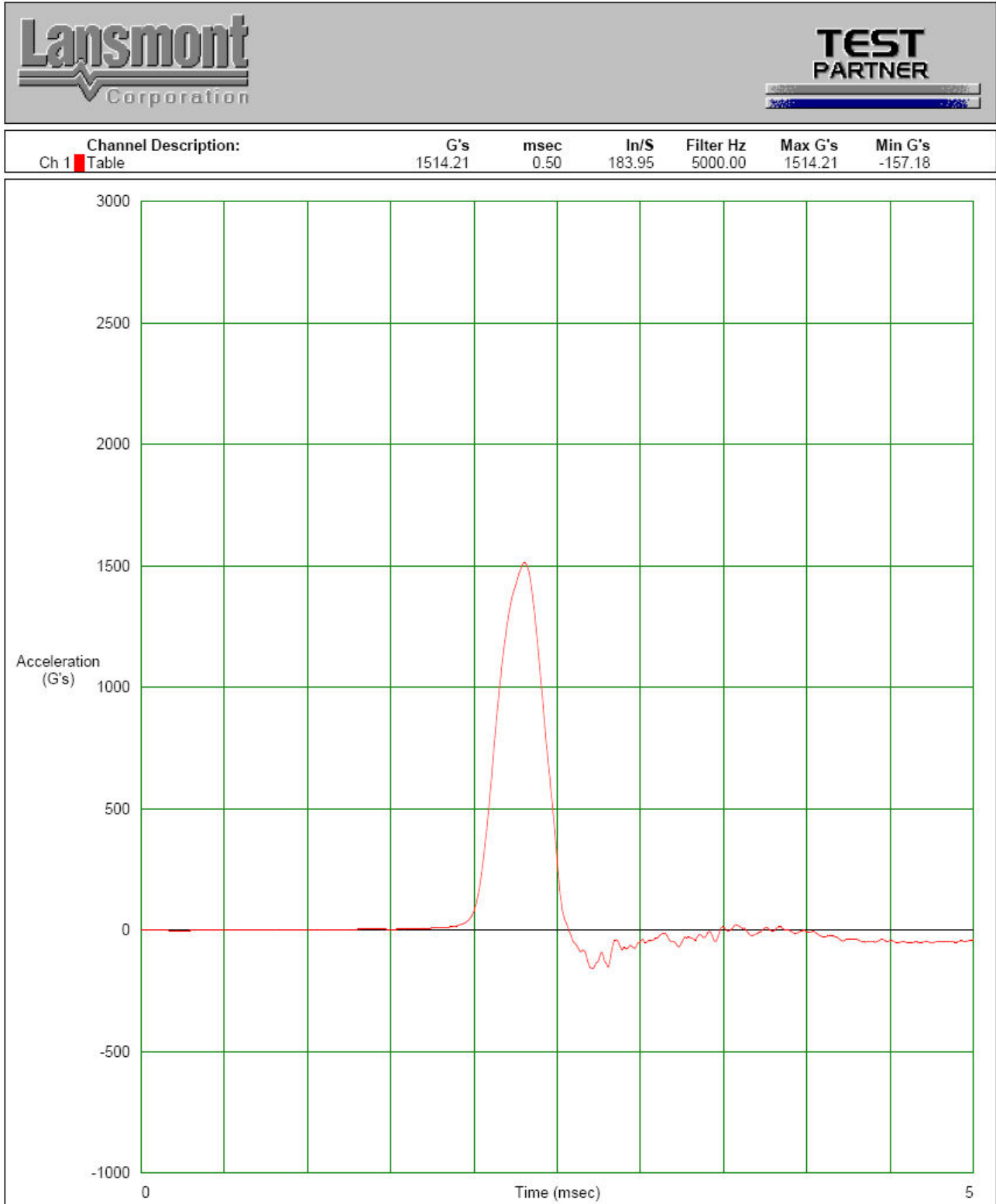
Lansmont
Corporation

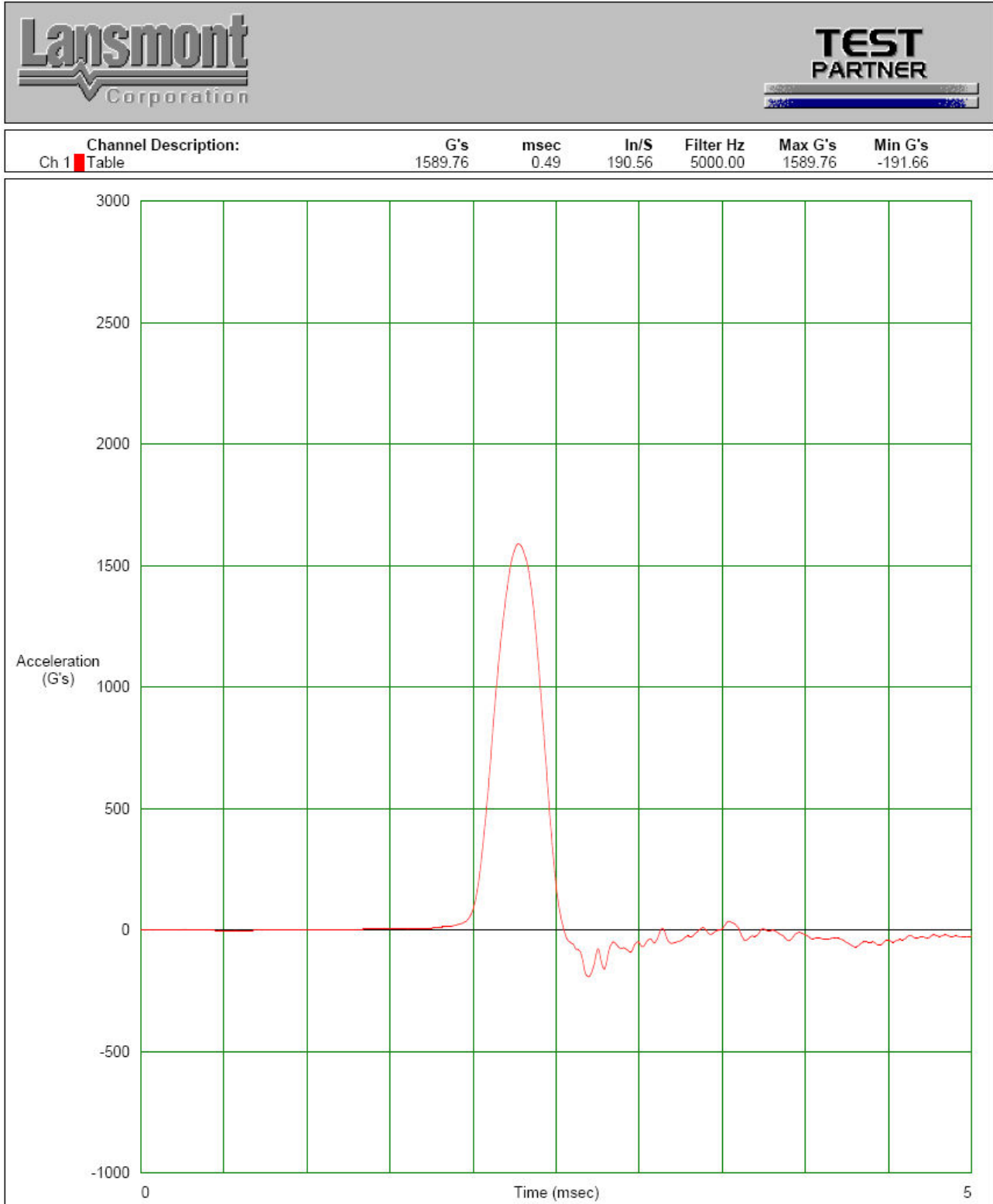
TEST PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1572.90	0.49	189.65	5000.00	1572.90	-175.54

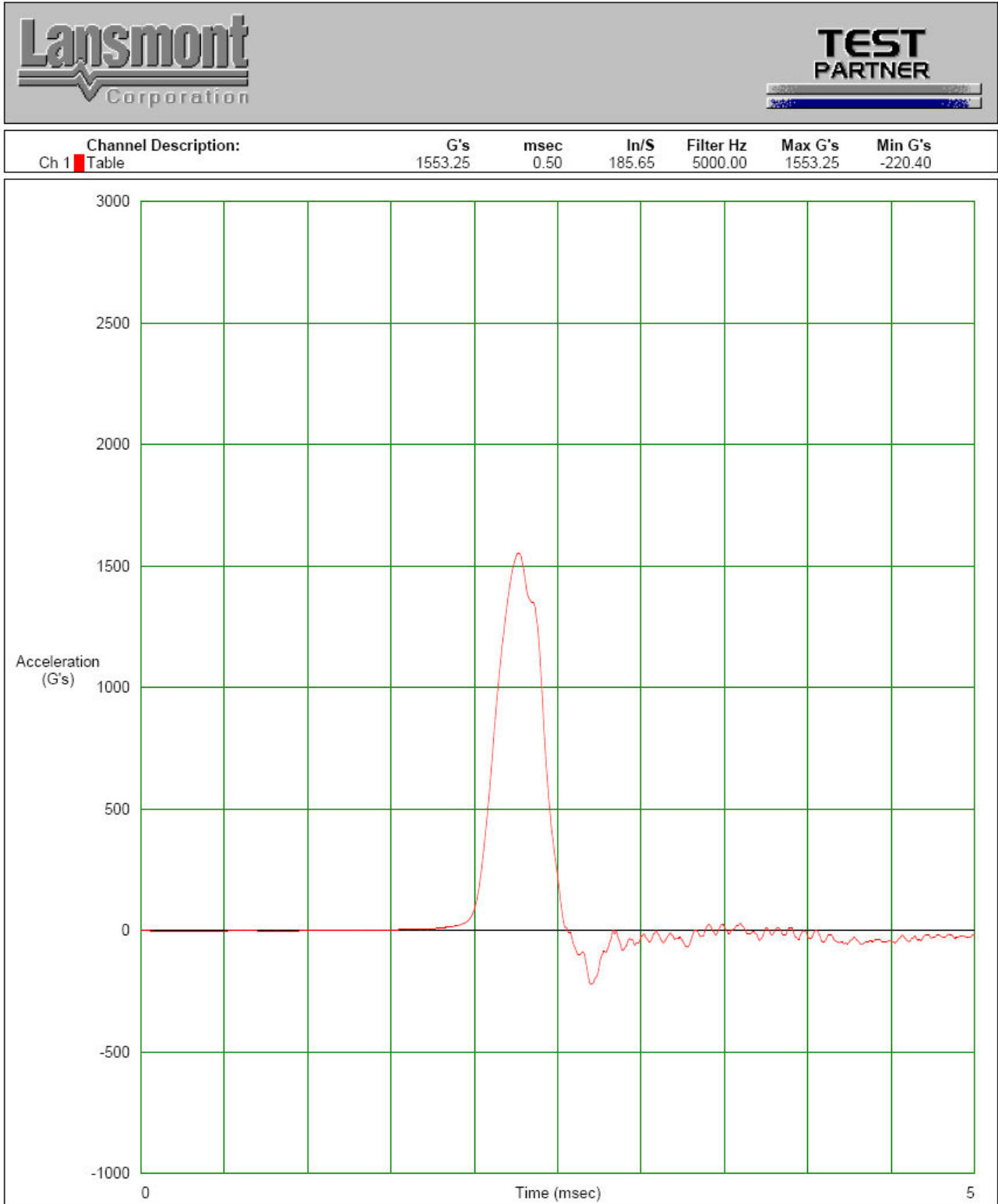


Axis -Y-3



Axis Z-1


Axis Z-2

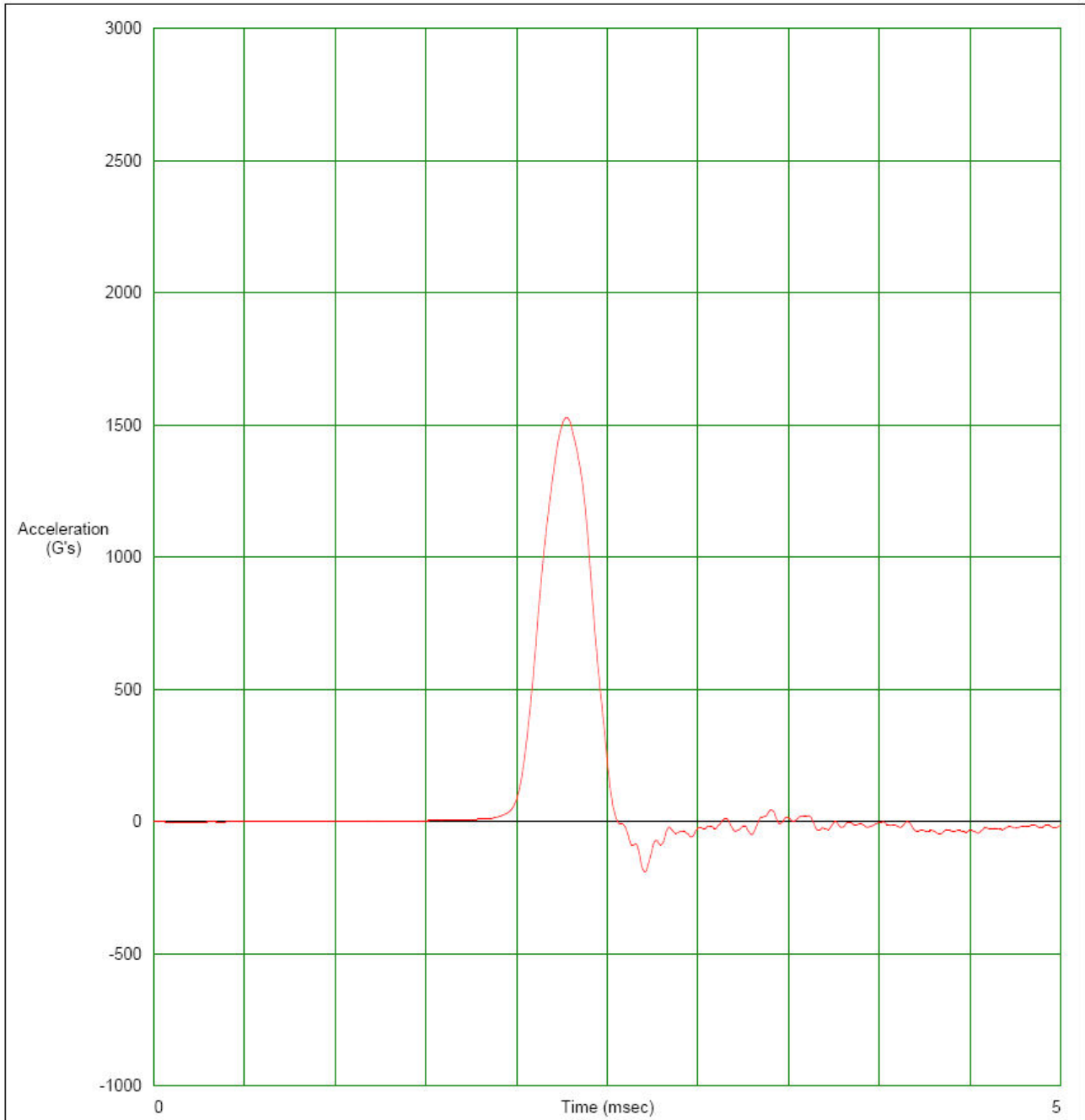


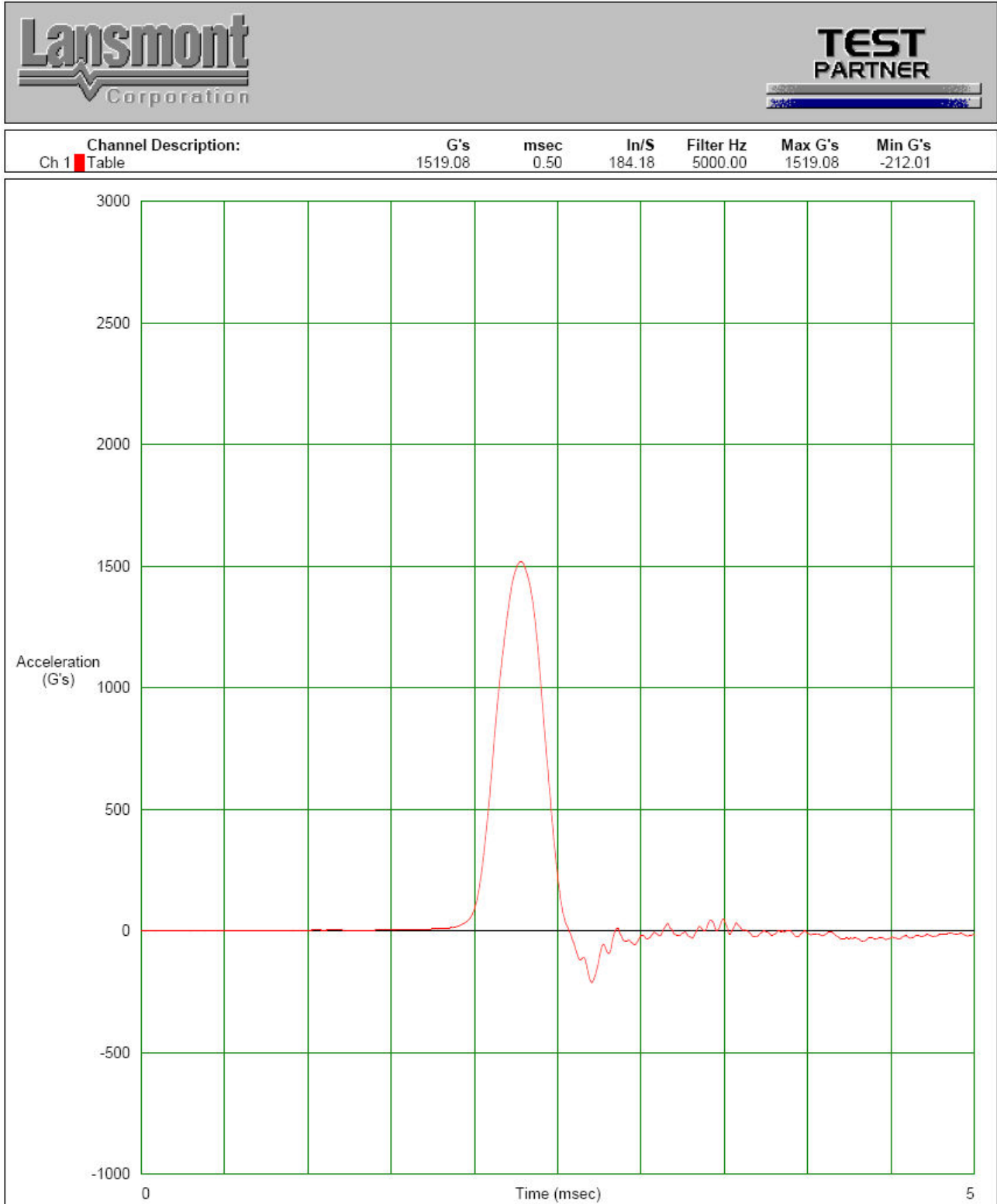
Axis Z-3



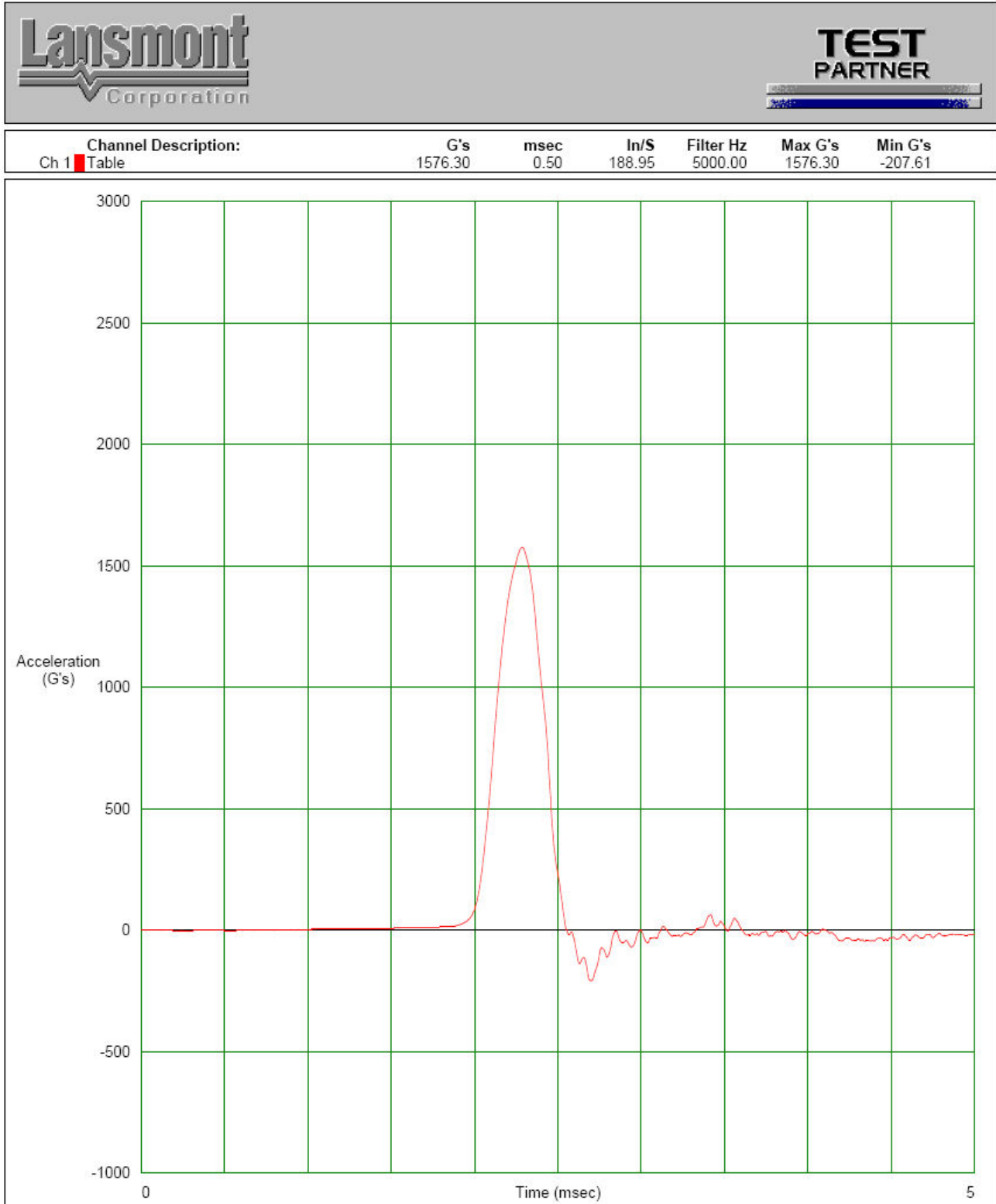
**TEST
PARTNER**

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Table	1528.27	0.50	183.31	5000.00	1528.27	-190.06

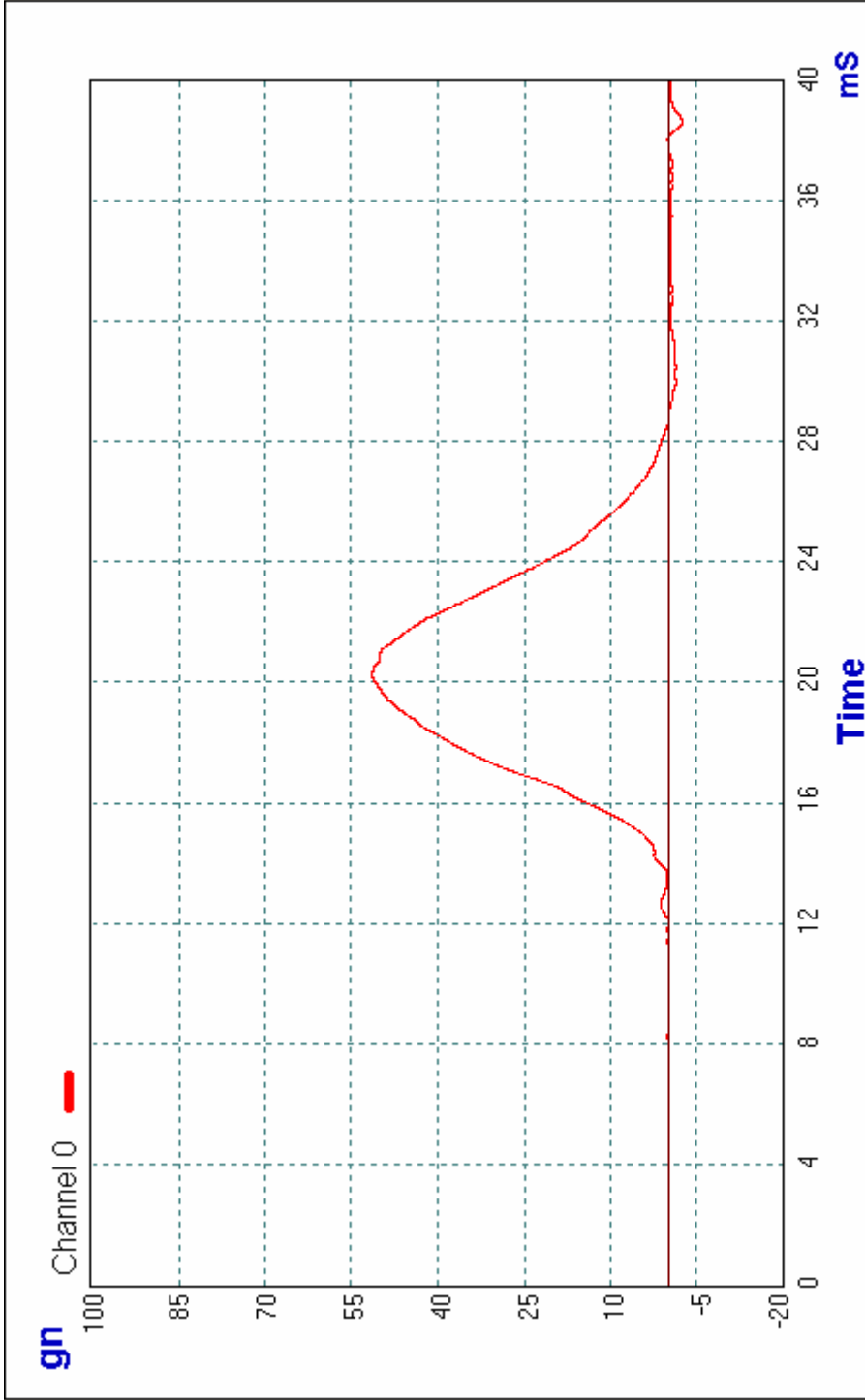


Axis -Z-1


Axis -Z-2

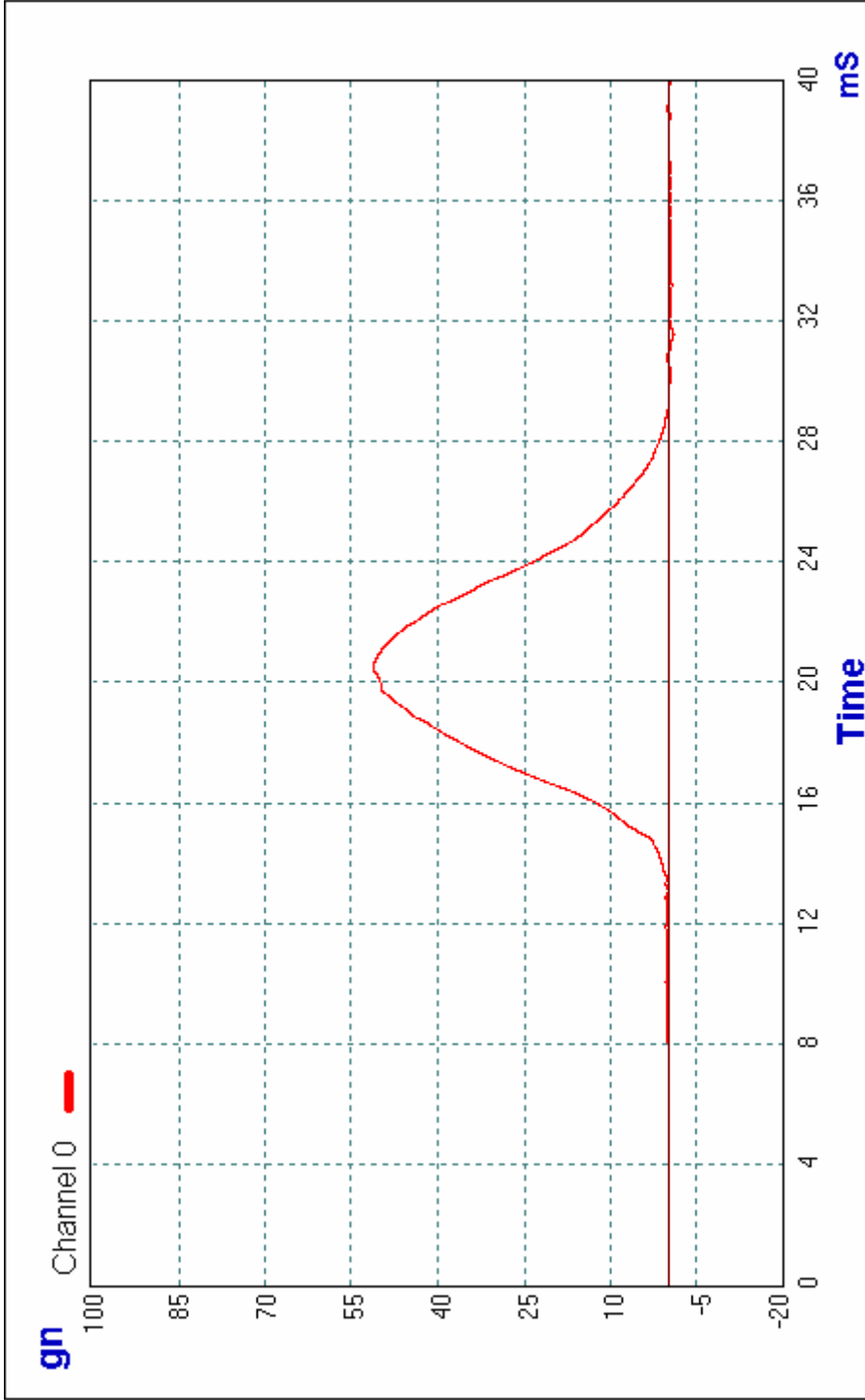

Axis -Z-3


SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-22-26 26 Data saved at : 2008-10-23 下午 04-22-26 26



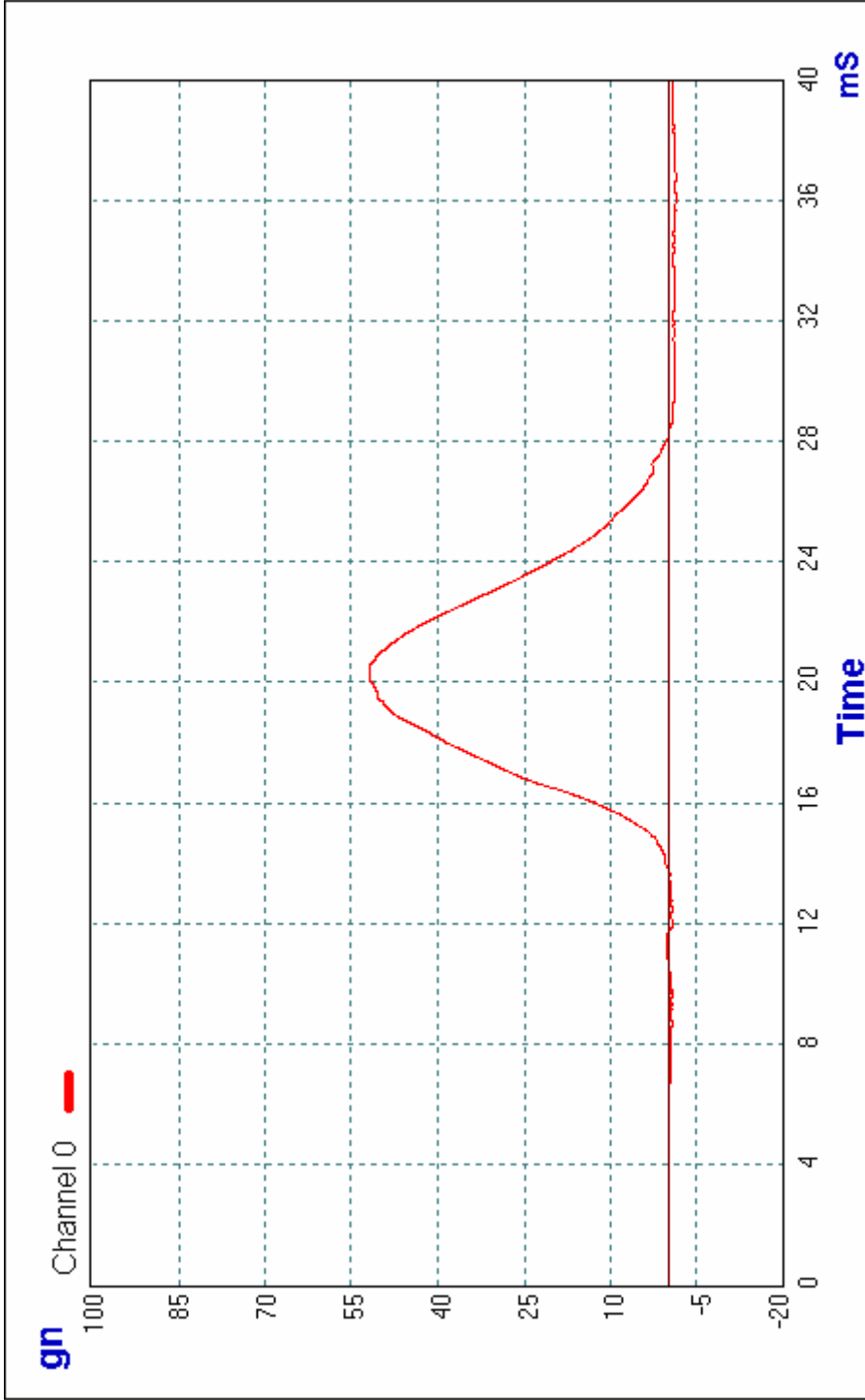
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
C-Grade				
Axis X	51.39	11.47	3.427	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-26-02 02 Data saved at : 2008-10-23 下午 04-26-02 02



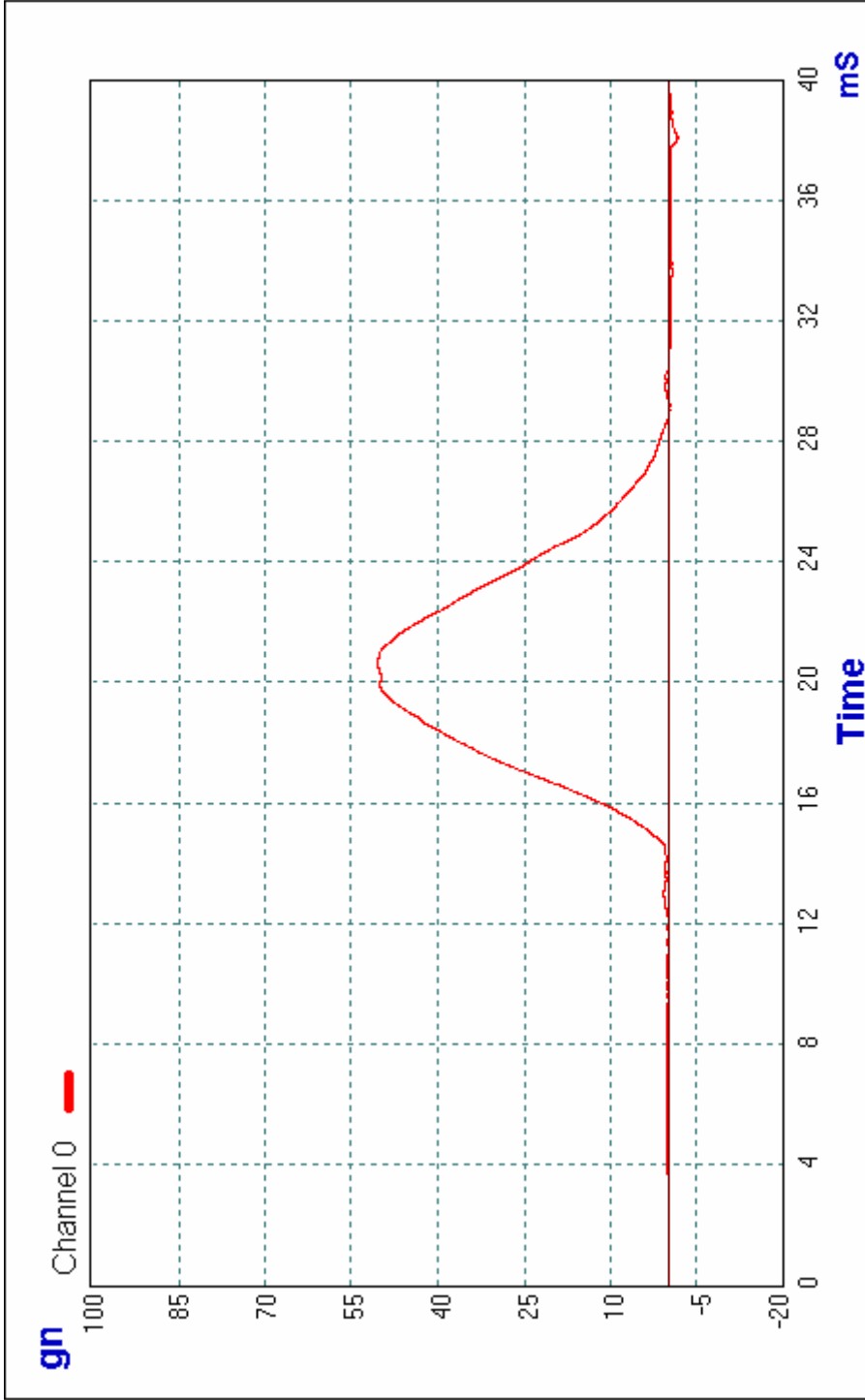
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
C-Grade				
Axis -X	51.00	11.48	3.467	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-13-49 49 Data saved at : 2008-10-23 下午 04-13-49 49



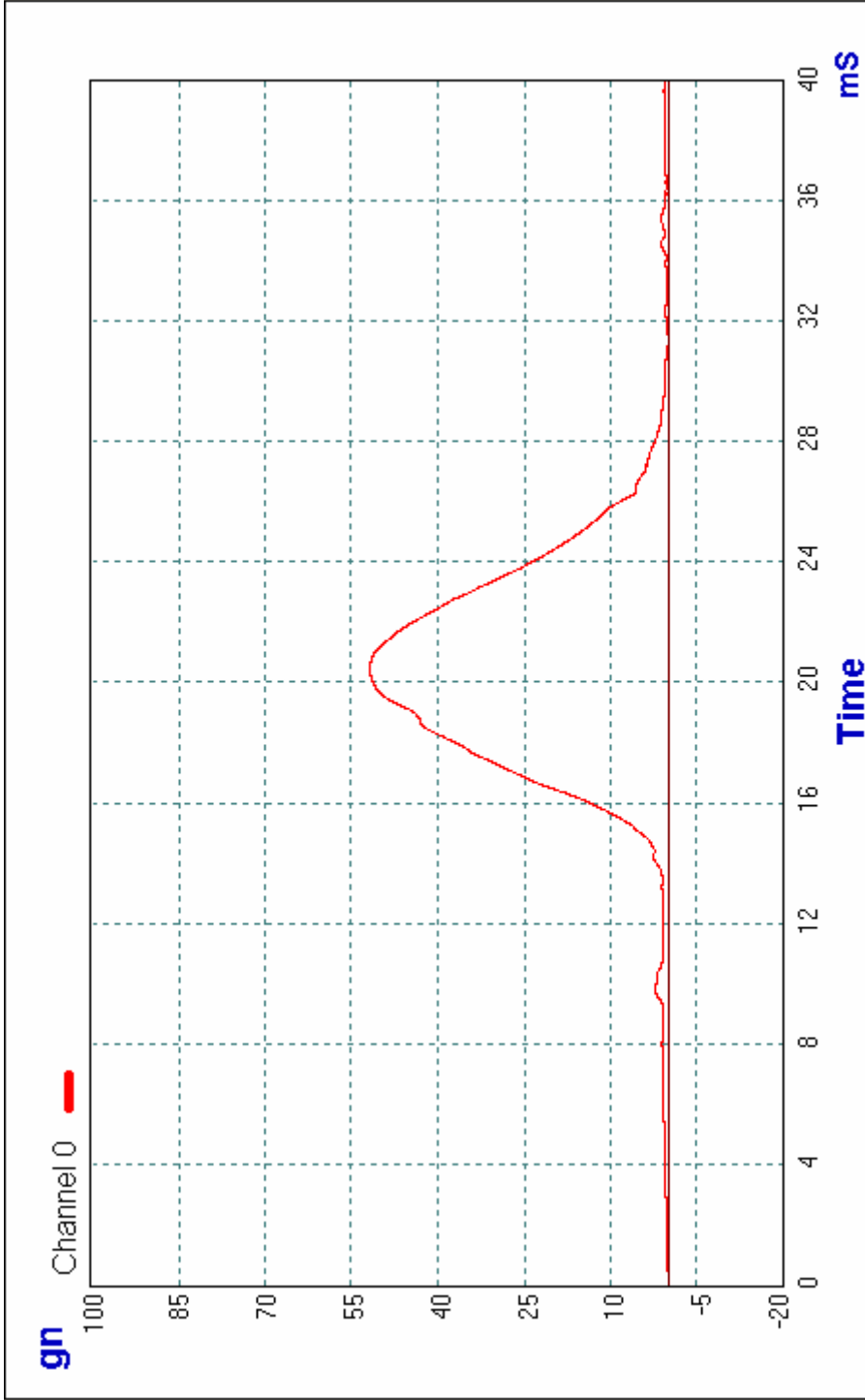
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
C-Grade				
Axis Y	51.46	11.03	3.371	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-18-41 41 Data saved at : 2008-10-23 下午 04-18-42 42



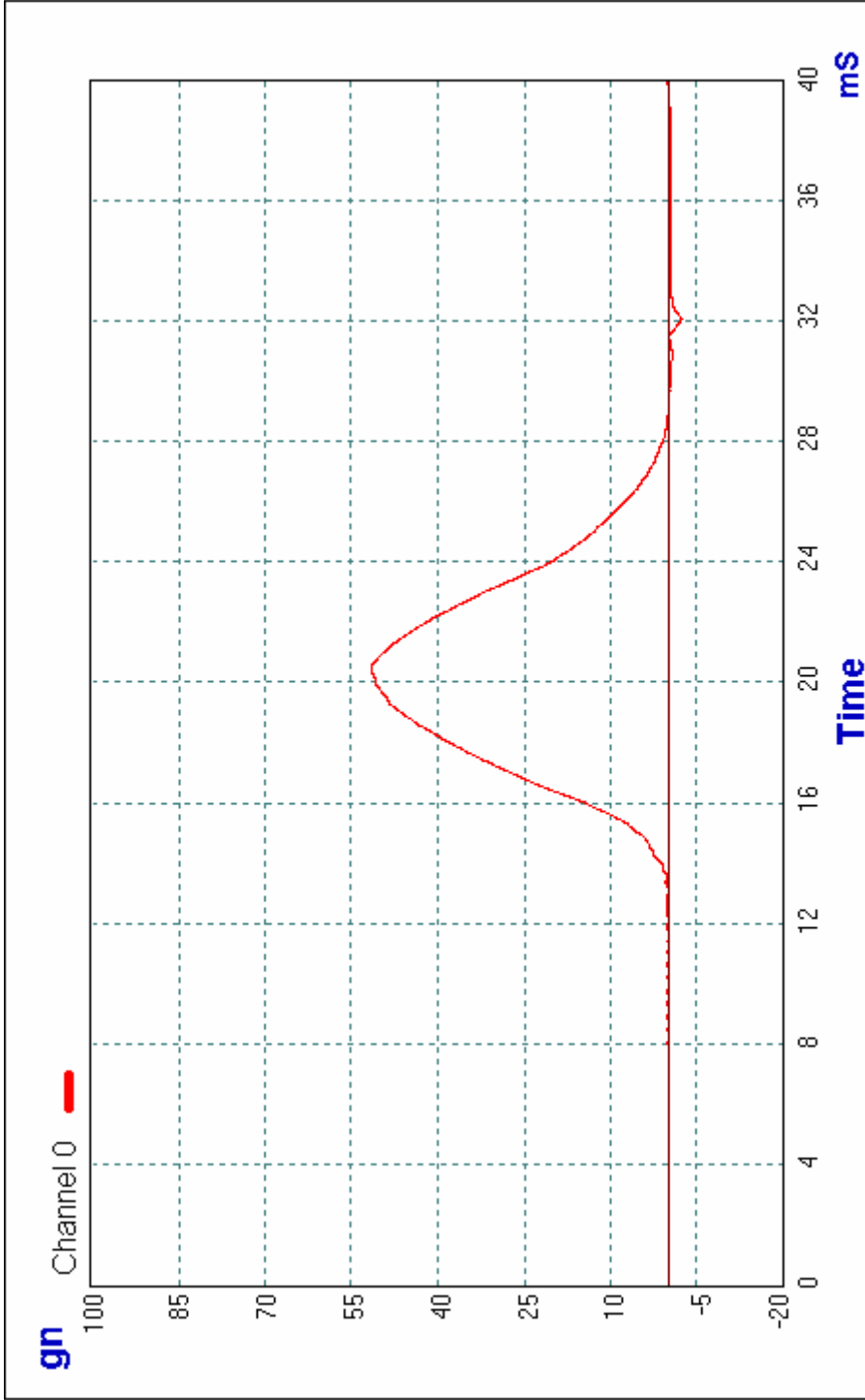
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
C-Grade				
Axis -Y	50.57	11.48	3.413	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-32-50 50 Data saved at : 2008-10-23 下午 04-32-50 50



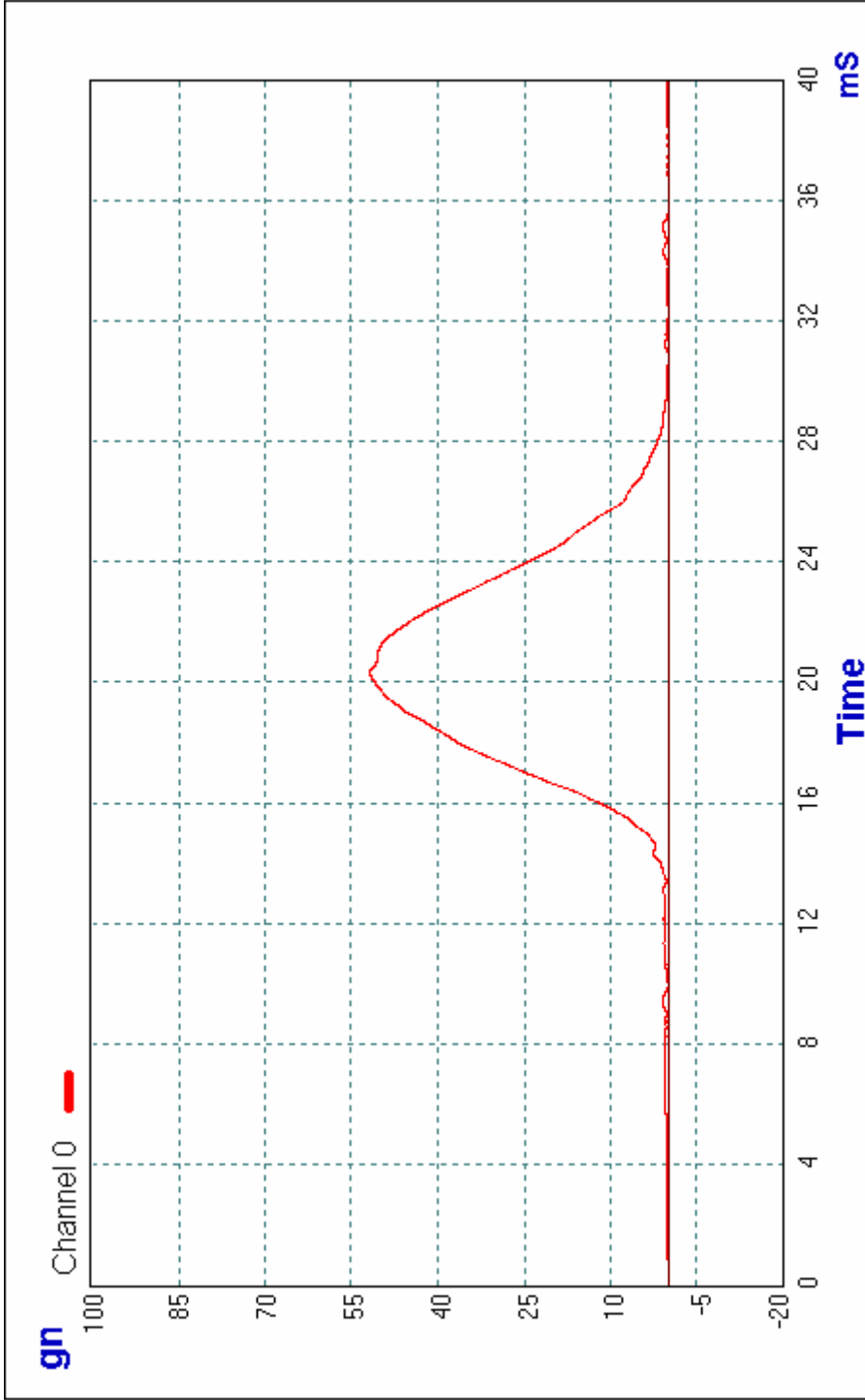
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
C-Grade				
Axis Z	51.80	11.65	3.537	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-35-02 02 Data saved at : 2008-10-23 下午 04-35-03 03



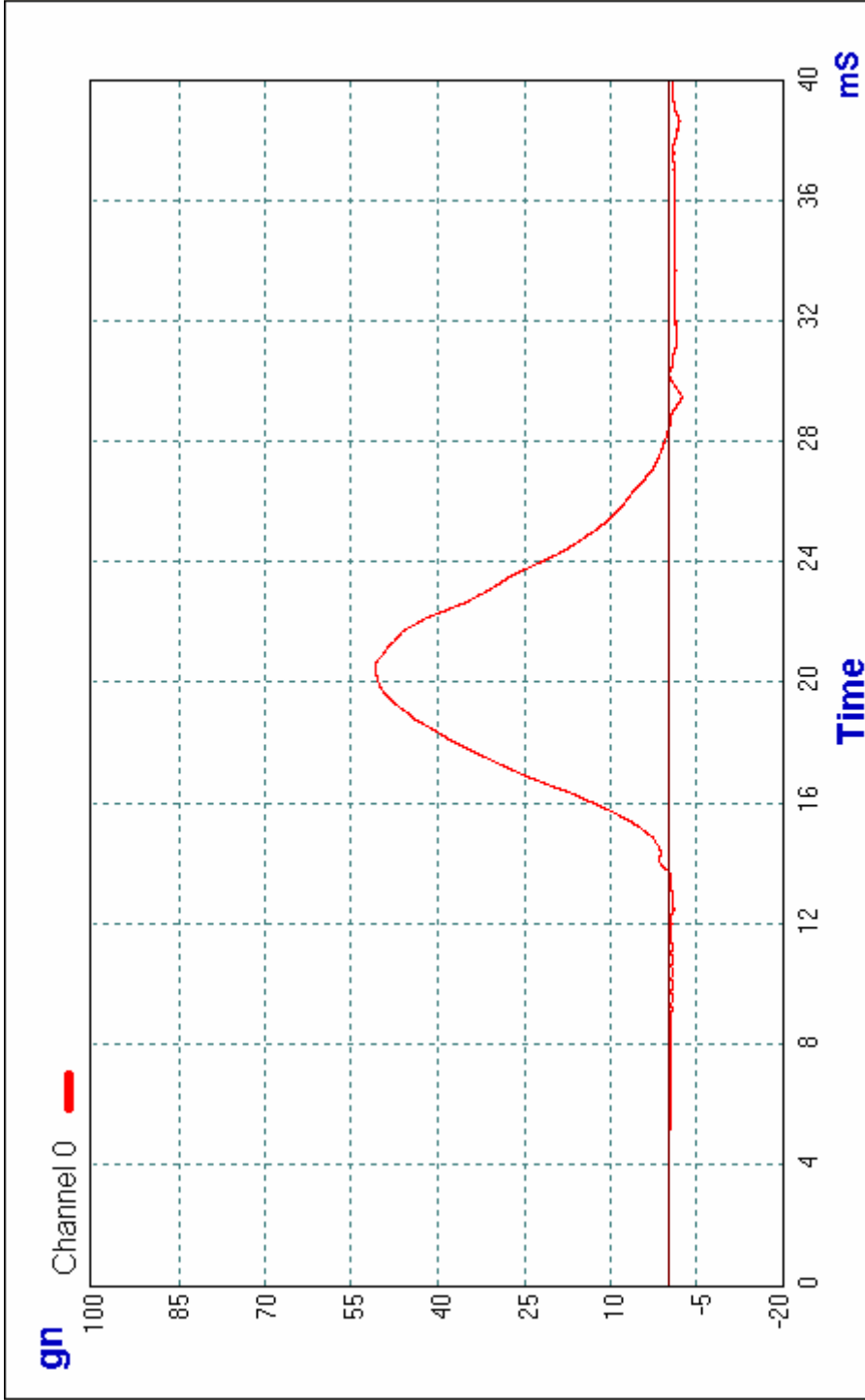
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
C-Grade				
Axis -Z	51.61	11.52	3.431	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-52-35 35 Data saved at : 2008-10-23 下午 04-52-35 35



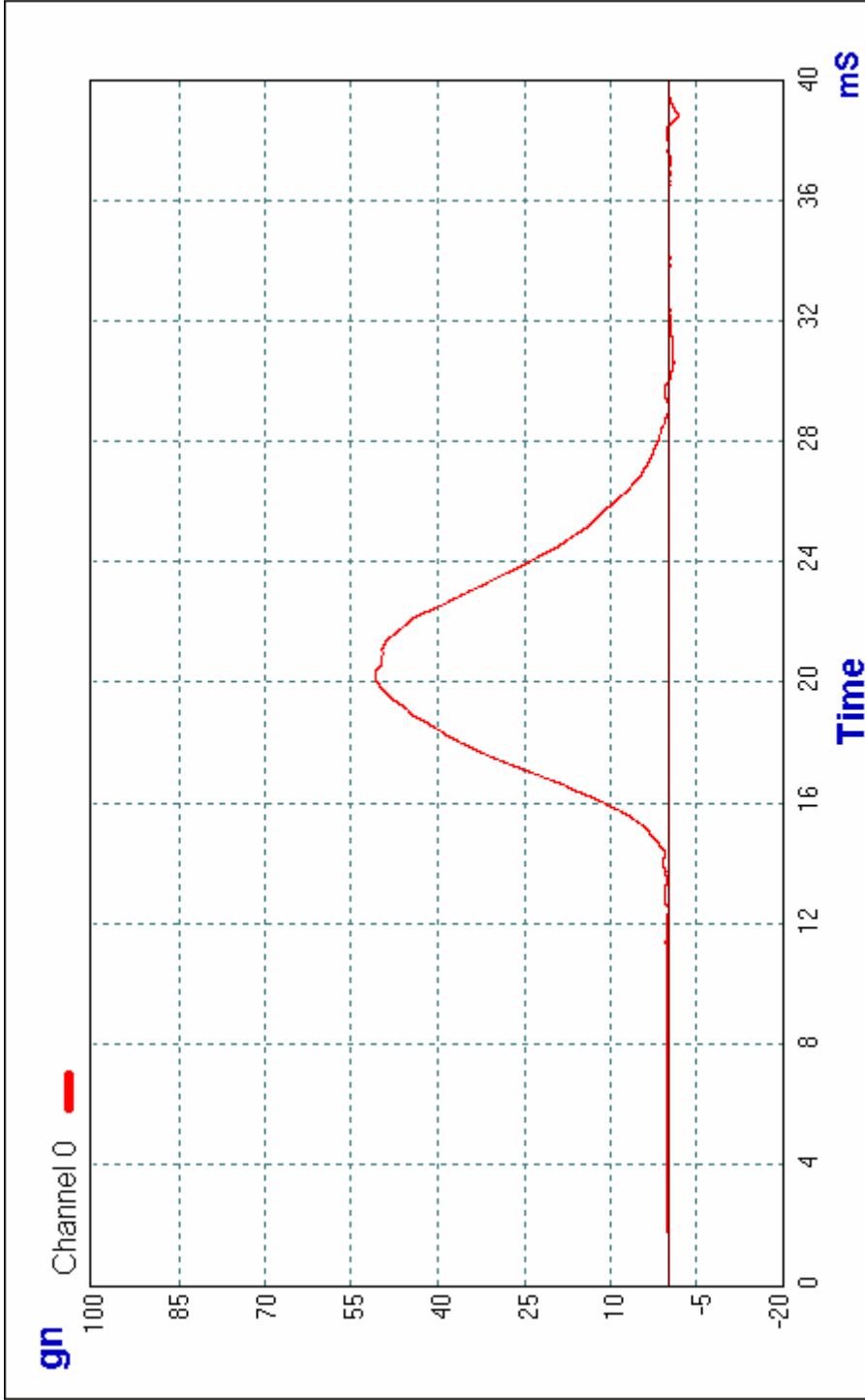
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
I-Grade				
Axis X	51.84	11.53	3.492	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-56-39 39 Data saved at : 2008-10-23 下午 04-56-39 39



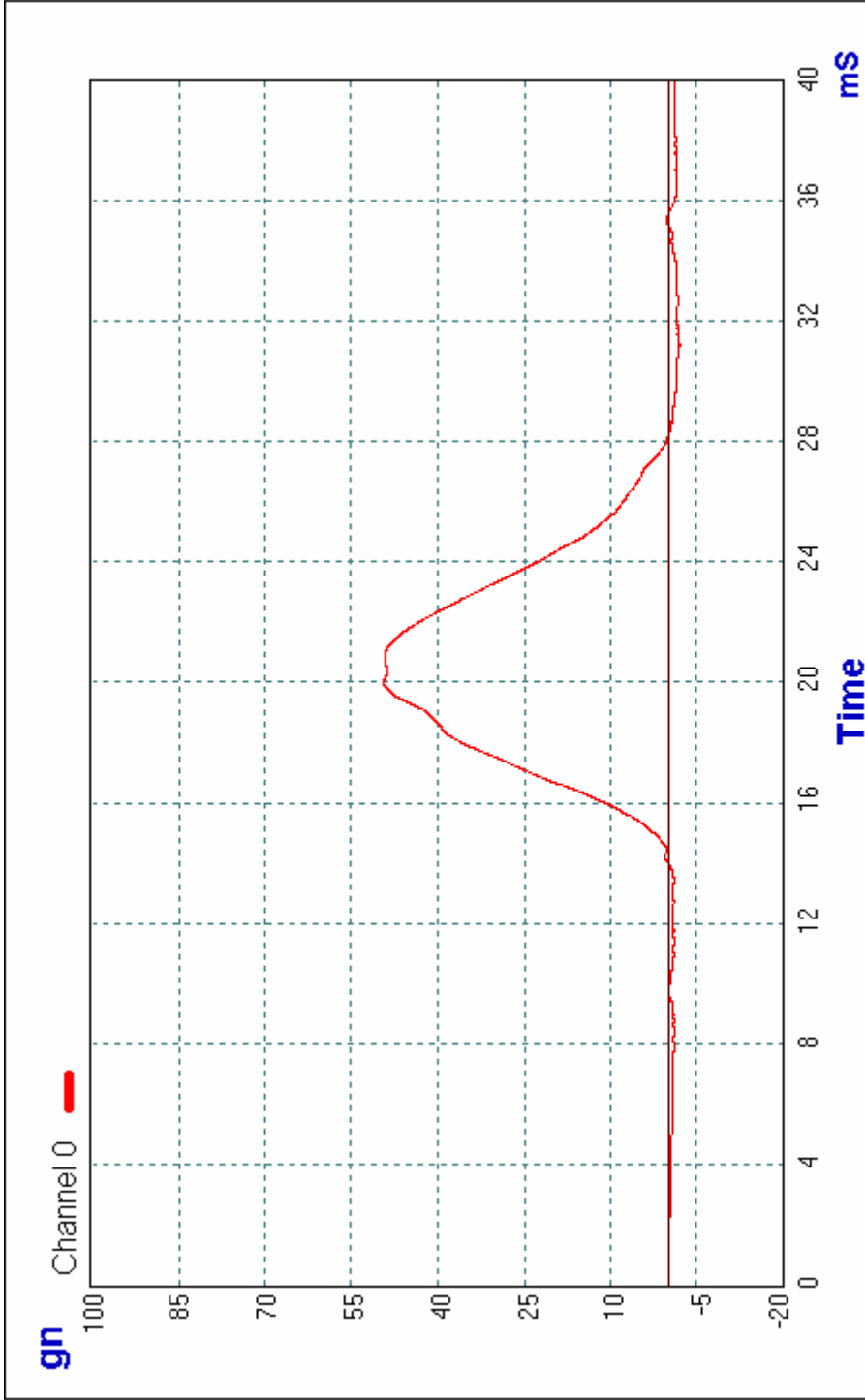
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
I-Grade				
Axis -X	50.81	11.34	3.373	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-44-22 22 Data saved at : 2008-10-23 下午 04-44-22 22



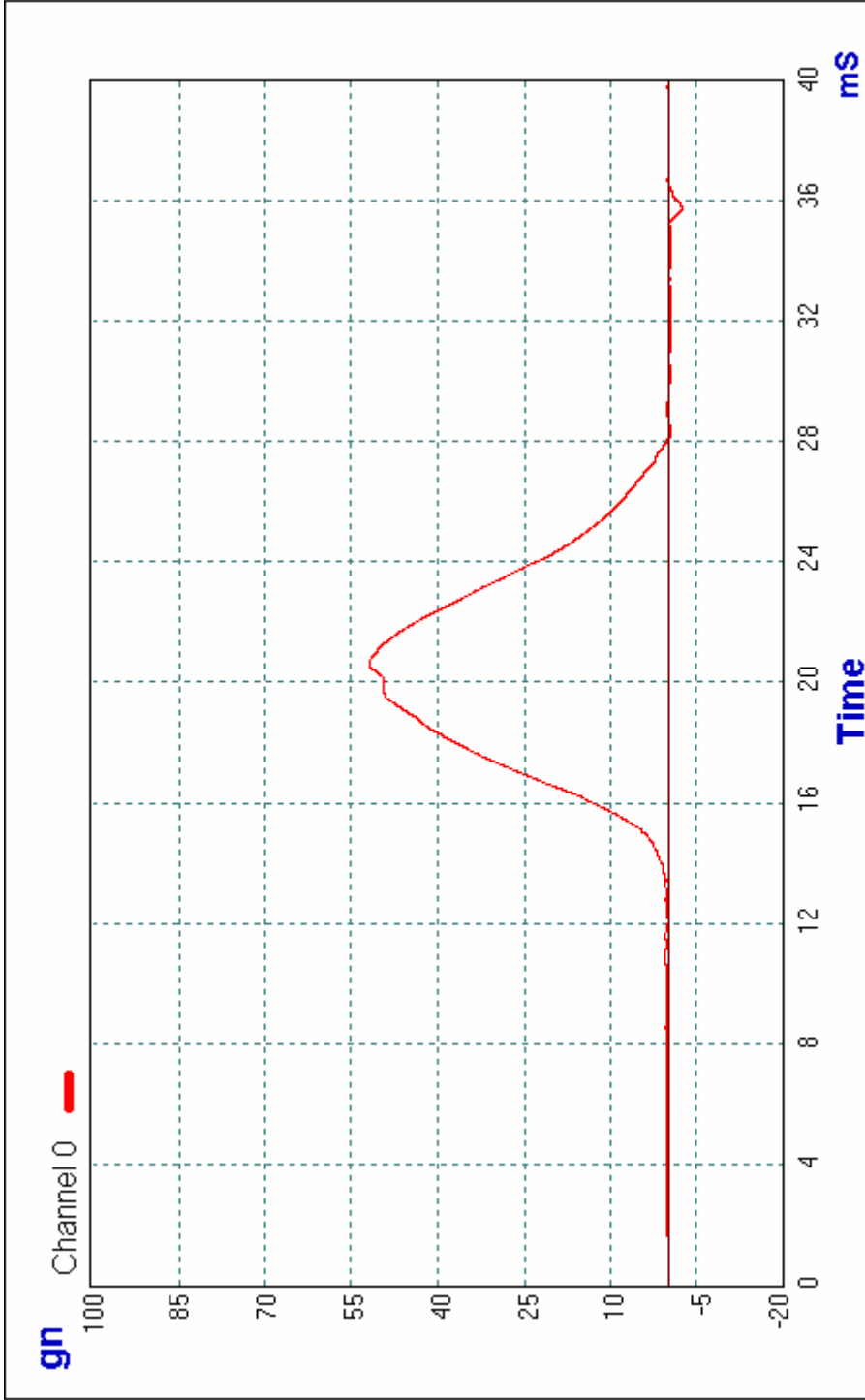
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
I-Grade				
Axis Y	50.93	11.47	3.447	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 04-48-06 06 Data saved at : 2008-10-23 下午 04-48-06 06



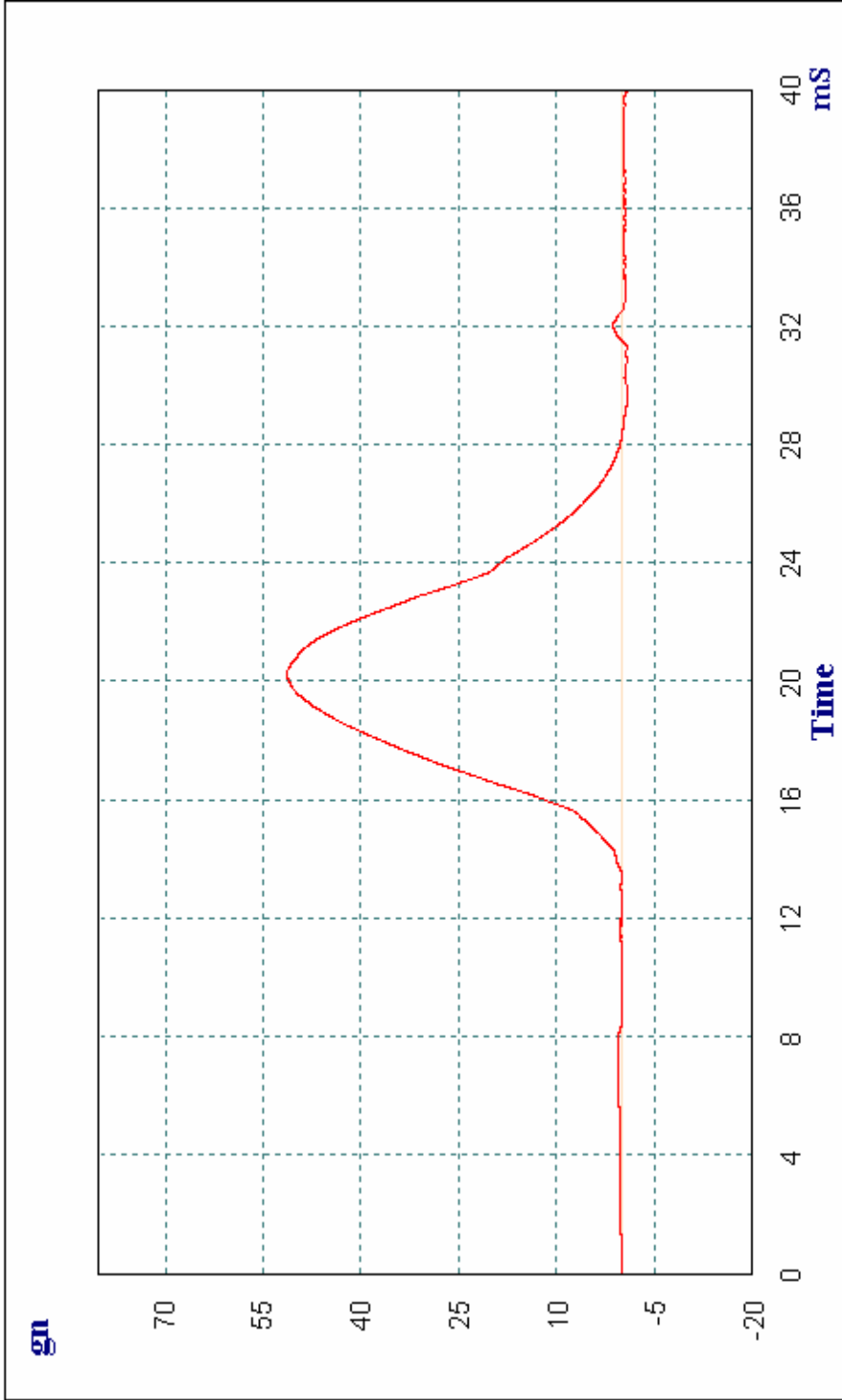
ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
I-Grade				
Axis -Y	49.57	11.39	3.310	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 05-03-50 50 Data saved at : 2008-10-23 下午 05-03-50 50



ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
I-Grade				
Axis Z	51.88	11.55	3.453	500

SHOCK TEST SPECIFICATION : 50 g 11 ms HEIGHT : 230 mm CYCLE OF TEST : 3/3
 Testing at : 2008-10-23 下午 06-00-31 31 Data saved at : 2008-10-23 下午 06-00-32 32



ADM III Low Profile	Acceleration(gn)	Duration time(ms)	Velocity(m/sec)	Filter(Hz)
I-Grade				
Axis -Z	51.5	11.00	128.2	500