

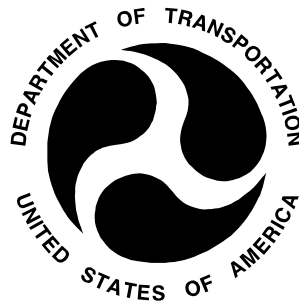
REPORT NO.: 214D-MGA-2001-002

NEW CAR ASSESSMENT PROGRAM
SIDE IMPACT TESTING
PASSENGER CARS

Honda Motor Company

2001/Honda/Accord/LX/2 Door Coupe

MGA PROVING GROUNDS
5000 WARREN ROAD
BURLINGTON, WI 53105



Test Date: October 31, 2000

Report Date: November 6, 2000

FINAL REPORT

Prepared For:

U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
SAFETY PERFORMANCE STANDARDS
OFFICE OF CRASHWORTHINESS STANDARDS
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WASHINGTON, D.C. 20590

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		14. Sponsoring Agency Code NPS-10																						
15. Supplementary Notes																								
16. Abstract A 90° Moving Deformable Barrier NCAP side impact was conducted on the subject 2001/Honda/Accord/LX/2 Door Coupe to obtain new car assessment and research data indicant of FMVSS No. 214D performance. The test was conducted at MGA Research Corporation in Burlington, Wisconsin, on October 31, 2000. The impact velocity of the Moving Deformable Barrier (MDB) was 61.5 kph, and the ambient temperature at the struck side (driver's) of the target vehicle at the time of impact was 21°C. The target vehicle post test maximum crush was 277 mm at level 3. The test vehicle's performance follows: <table border="1"> <thead> <tr> <th></th><th><u>DRIVER</u></th><th><u>PASS.</u></th></tr> </thead> <tbody> <tr> <td>Left Upper Rib (LUR) Accel., g</td><td>35</td><td>44</td></tr> <tr> <td>Left Lower Rib (LLR) Accel., g</td><td>49</td><td>53</td></tr> <tr> <td>Lower Spine (T₁₂) Accel., g</td><td>73</td><td>64</td></tr> <tr> <td>Thoracic Trauma Index (TTI)</td><td>61</td><td>58</td></tr> <tr> <td>Pelvis (PEV) Accel., g</td><td>84</td><td>54</td></tr> <tr> <td>HIC</td><td>285</td><td>1133</td></tr> </tbody> </table> The door on the struck side of the vehicle did not separate from the body at the hinges or latch and the opposite door did not open during the side impact event.					<u>DRIVER</u>	<u>PASS.</u>	Left Upper Rib (LUR) Accel., g	35	44	Left Lower Rib (LLR) Accel., g	49	53	Lower Spine (T ₁₂) Accel., g	73	64	Thoracic Trauma Index (TTI)	61	58	Pelvis (PEV) Accel., g	84	54	HIC	285	1133
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17. Key Words New Car Assessment Program (NCAP) FMVSS No. 214D Side Impact Dummy (SID) Occupant Side Impact Protection		18. Distribution Statement Copies of this report are available from: National Highway Traffic Safety Adm. Technical Ref. Division, Room 5108 (NAD-52) 400 Seventh Street, S.W. Washington, D.C. 20590																						
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SECTION 1
PURPOSE AND TEST PROCEDURE

This side impact test is part of the FY01 NCAP Side Impact Program, sponsored by the National Highway Traffic Safety Administration (NHTSA). The purpose of this test was to evaluate side impact protection of a 2001/Honda/Accord/LX/2 Door Coupe.

This side impact test was conducted in accordance with the New Car Assessment Program Side Impact Testing Procedure dated October 1996.

MGA does not endorse or certify products. The manufacturer's name appears solely for identification purposes.

SECTION 2

SUMMARY OF SIDE IMPACT TEST

A 2001/Honda/Accord/LX/2 Door Coupe was impacted on the left or driver's side by a Moving Deformable Barrier (MDB) which was moving forward in a 27[°] crabbed position to the tow road guidance system at a velocity of 38.2 mph (61.5 kph). The target vehicle was stationary and was positioned at an angle of 63[°] to the line of forward motion. The side impact test was conducted by MGA Research Corporation in Burlington, Wisconsin, on October 31, 2000. Pre- and post-test photographs of the test vehicle, the MDB and the side impact dummies (SIDs) are included in Appendix A.

Two side impact dummies (SIDs) were placed in the driver and left rear designated seating positions according to instructions specified in the New Car Assessment Program Side Impact Laboratory Test Procedure which is dated October 1996. The side impact event was documented by nine high speed cameras. Camera locations and other pertinent camera information can be found in this report.

The SIDs were instrumented with the following accelerometers.

1. Left Upper Rib (LUR) uniaxial accelerometer (Y-direction)
2. Left Lower Rib (LLR) uniaxial accelerometer (Y-direction)
3. Lower Thoracic Spine (T₁₂) uniaxial accelerometer (Y-direction)
4. Pelvic (PEV) section uniaxial accelerometer (Y-direction)
5. Head Center of Gravity triaxial accelerometers (X, Y, and Z-direction)

Appendix B contains the vehicle and dummy response data traces. A summary of the side impact dummy (SID) configuration and performance verification test data is shown in Appendix C. Dummy and vehicle calibration data can be found in Appendix D of this report.

The following table summarizes the results of the test:

Injury Criteria	Front SID	Rear SID
TTI (g)	61	58
Pelvis (g)	84	54
HIC	285	1133

SECTION 3
SIDE IMPACT DUMMY (SID) AND
VEHICLE TEST DATA

DATA SHEET NO. 1
GENERAL VEHICLE TEST PARAMETER DATA

TEST VEHICLE INFORMATION:

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe
VIN: 1HGCG315X1A002629
Vehicle Body Color: Blue Build Date: 10/00
Engine Data: 4 Cylinders; CID; 2.3 Liter; cc
Placement Longitudinal; X Lateral
Transmission: 5 Speed; X Manual; Automatic; Overdrive
Final Drive: Rear Wheel Drive; X Frt. Wheel Drive; Four Wheel Drive

Odometer Reading 5 miles
Options: X A/C; X Pwr. Steering; X Pwr. Brakes; X Pwr. Windows;
 Cruise Control; X Tilt Wheel; X Power Door Locks;

DATA FROM TIRE PLACARD:

Tire Pressure (at capacity): 29 Psi FRONT
29 Psi REAR
Recommended Tire Size: P195/65R15
Tires on Test Vehicle: P195/65R15 Manufacturer: Bridgestone

Vehicle Capacity Data:

Number of Occupants: 2 Front; 3 Rear; 3rd Seat, 5 Total
Type of Front Seats: X Bucket; Bench; Split Bench
Type of Front Seat Back: Fixed; X Adjustable with X Power
Vehicle Maximum Capacity Loading = 385.6 kg (A)
No. of Occupants x 68.04 kg. = 340.2 kg (B)
Cargo Capacity (A-B) = 45.4 kg

GENERAL VEHICLE TEST PARAMETER DATA (Cont'd)

WEIGHT OF TEST VEHICLE WITH MAXIMUM FLUIDS:

Right Front =	<u>417.8</u>	kg	Right Rear	<u>266.7</u>	kg
Left Front =	<u>421.8</u>	kg	Left Rear =	<u>276.7</u>	kg
TOTAL FRONT =	<u>839.6</u>	kg	TOTAL REAR =	<u>543.4</u>	kg
% of Total Weight =	<u>60.8</u>	%	% of Total Weight =	<u>39.3</u>	%
TOTAL WEIGHT =	<u>1383.0</u>	kg			

CALCULATION OF VEHICLE'S TARGET TEST WEIGHT:

Total Test Vehicle Delivered Weight with Maximum Fluids	=	<u>1382.0</u>	kg
Cargo Carrying Capacity of Test Vehicle*	=	<u>45.4</u>	kg
Weight of 2 Side Impact Dummies (2 x <u>80.7</u> kg.)	=	<u>161.4</u>	kg
TEST VEHICLE TARGET WEIGHT	=	<u>1588.8</u>	kg

ACTUAL WEIGHT OF TEST VEHICLE WITH 2 DUMMIES AND CARGO (Fully Loaded):

Right Front =	<u>420.9</u>	kg	Right Rear =	<u>329.8</u>	kg
Left Front =	<u>469.5</u>	kg	Left Rear =	<u>367.9</u>	kg
TOTAL FRONT =	<u>890.4</u>	kg	TOTAL REAR =	<u>697.7</u>	kg
% of Total Weight =	<u>56.1</u>	%	% of Total Weight =	<u>43.9</u>	%
TOTAL WEIGHT =	<u>1588.1</u>	kg			

TEST VEHICLE ATTITUDE:

CURB WEIGHT ATTITUDE:

Right Front 690 mm Left Front 702 mm Right Rear 692 mm Left Rear 694 mm

FULLY LOADED WEIGHT ATTITUDE:

Right Front 683 mm Left Front 680 mm Right Rear 664 mm Left Rear 656 mm

TEST ATTITUDE:

Right Front 683 mm Left Front 682 mm Right Rear 665 mm Left Rear 666 mm

* light trucks and MPV's RCW is 136 kgs or manufacturer's value, whichever is less

GENERAL VEHICLE TEST PARAMETER DATA (Cont'd)

Test Vehicle Wheelbase: 2674 mm

C.G. = 1135 mm rearward of front wheel centerline

TOTAL VEHICLE LENGTH:

Right Side = 3940 mm

Centerline = 4699 mm

Left Side = 3940 mm

FRONT SEAT CUSHION PLACEMENT:

Total Length of Adjustment Travel: 240 mm

Test Position: 120 mm

FRONT SEAT BACK ADJUSTMENT POSITION:

Seat Back Angle = 2.3E Headrest Post

SECOND POSITION SEAT:

Total Length of Fore/Aft Adjustment Travel: N/A

Seat Back Adjustment Position: N/A

ADJUSTABLE STEERING COLUMN POSITION: Mid position

WINDOW POSITIONS: Left Front Closed

Right Front Open

AMOUNT OF STODDARD SOLVENT IN FUEL TANK:

Fuel system usable capacity = 17.3 gallons

Test Volume: 15.9 gallons 92 % of capacity

LOCATIONS OF IMPACT POINT ON TEST VEHICLE SIDE TO BE IMPACTED:

Wheelbase: = 2674 mm

Impact Point is 397 mm rearward of front axle centerline

DATA SHEET NO. 2
TEST VEHICLE SUMMARY OF RESULTS

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000

Overall Length = 4699 mm; Overall Width = 1765 mm

TEST WEIGHT:

Right Front = 467.2 kg Right Rear = 348.8 kg

Left Front = 443.2 kg Left Rear = 323.0 kg

TOTAL FRONT = 910.4 kg TOTAL REAR = 671.8 kg

% of Total Weight = 57.5 % % of Total Weight = 42.5 %

TOTAL WEIGHT = 1582.2 kg

Wheelbase = 2674 mm

Longitudinal C.G. from Center of Front Axle = 1135 mm

Impact Angle with Respect to Impactor = 0E degrees

MAXIMUM EXTERIOR STATIC CRUSH:

1. LEVEL 1 (294 mm above ground) = 145 mm

2. LEVEL 2 (453 mm above ground) = 265 mm

3. LEVEL 3 (598 mm above ground) = 277 mm

4. LEVEL 4 (837 mm above ground) = 276 mm

5. LEVEL 5 (1262 mm above ground) = 66 mm

Maximum Post-Test Intrusion = 277 mm

OCCUPANTS:

	<u>Driver</u>	<u>Left Rear Passenger</u>
Type of Dummy	<u>SID</u>	<u>SID</u>
Restraints Used	<u>Type II Seat belt</u>	<u>Type II Seat belt</u>
	<u>Side Seat Airbag</u>	

TEST VEHICLE SUMMARY OF RESULTS (Cont'd)

INSTRUMENTATION:

Number of Vehicle Data Channels:		=	<u>25</u>
Number of Cameras:	Onboard Vehicle	=	<u>3</u>
	Offboard Vehicle	=	<u>4</u>
	Deformable Barrier	=	<u>2</u>
	TOTAL	=	<u>9</u>

DATA SHEET NO. 3

MOVING DEFORMABLE BARRIER (MDB) SUMMARY OF RESULTS

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000

POSITION OF IMPACT (MDB) ON MONORAIL:

Crabbed 27^B to left

MDB DETAILS:

Overall Width of Framework Carriage	=	<u>1252 mm</u>
Overall Length of MDB (incl. honeycomb impact face)	=	<u>4115 mm</u>
Wheelbase of Framework Carriage	=	<u>2591 mm</u>
Tread of Framework Carriage (Front & Rear)	=	<u>1880 mm</u>
C.G. Location Rearward of Front Axle	=	<u>1106 mm</u>
C.G. Location From Center Line	=	<u>-11 mm</u>
C.G. Location Above Ground Level	=	<u>481 mm</u>

MDB WEIGHT:

Left Front	=	<u>395.1 kg</u>	Left Rear	=	<u>293.8 kg</u>
Right Front	=	<u>385.7 kg</u>	Right Rear	=	<u>287.4 kg</u>
TOTAL FRONT	=	<u>780.8 kg</u>	TOTAL REAR	=	<u>581.2 kg</u>
TOTAL MDB WEIGHT		=	<u>1362.0 kg</u>		

Impact Angle (MDB C/L to Target Vehicle C/L) = 90 E degrees

Impact Speed = Primary: 38.2 mph (61.5 kph) Secondary: 38.2 mph (61.5 kph)

CRASH TEST SUMMARY FOR SIDE IMPACTOR (Cont'd)

MAXIMUM STATIC CRUSH OF HONEYCOMB IMPACT FACE:

- | | | |
|----|---------------------------------|-----------------|
| 1. | Row A Top of Stack (813 mm) | = <u>201</u> mm |
| 2. | Row B Mid Stack (686 mm) | = <u>166</u> mm |
| 3. | Row C Top of Bumper (533 mm) | = <u>110</u> mm |
| 4. | Row D Center of Bumper (432 mm) | = <u>175</u> mm |

INSTRUMENTATION:

Number of MDB Data Channels = 7

DATA SHEET NO. 4
POST-TEST OBSERVATIONS

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000

VISIBLE DUMMY CONTACT POINTS:

	<u>LEFT FRONT SID</u>	<u>LEFT REAR SID</u>
Head	<u>Headrest, Side sill</u>	<u>C-Post</u>
Arm	<u>Airbag</u>	<u>Rear Side Panel</u>
Pelvis	<u>Airbag</u>	<u>Rear Armrest</u>
Left Knee	<u>Mid Door</u>	<u>Rear Side Panel</u>
Right Knee	<u>Left Knee</u>	<u>Left Knee</u>

DOOR OPENING:

	<u>LEFT SIDE</u>	<u>RIGHT SIDE</u>
Front	<u>Remained Closed</u>	<u>Remained Closed</u>

MDB DISTANCE FROM TARGET IMPACT POINT:

Horizontal: 2 mm rearward Vertical: 2 mm up

ARM REST LOCATIONS:

Front: 248 mm from below window

Rear: 329 mm from below window

POST-TEST OBSERVATIONS (Cont'd)

SEAT CRUSH:

Front Seat Back:	<u>42 mm</u>	Front Seat Cushion:	<u>62 mm</u>
Left Rear Seat Back:	<u>15 mm</u>	Rear Seat Cushion:	<u>255 mm</u>

GLAZING DAMAGE:

Left front and left rear windows broke

PILLAR PERFORMANCE:

No Failure Noted

SILL SEPARATION:

No Separation Noted

OTHER NOTABLE IMPACT EFFECTS:

None

AIRBAG DEPLOYMENT STATUS:

	<u>DRIVER</u>	<u>FRONT PASSENGER</u>	<u>REAR PASSENGER</u>
Frontal	<u>Deployed</u>	<u>Deployed</u>	<u>N/A</u>
Side	<u>Deployed</u>	<u>No</u>	<u>N/A</u>

SECTION 4
OCCUPANT AND VEHICLE INFORMATION

DATA SHEET NO. 5
SIDE IMPACT DUMMY (SID) INSTRUMENTATION DATA

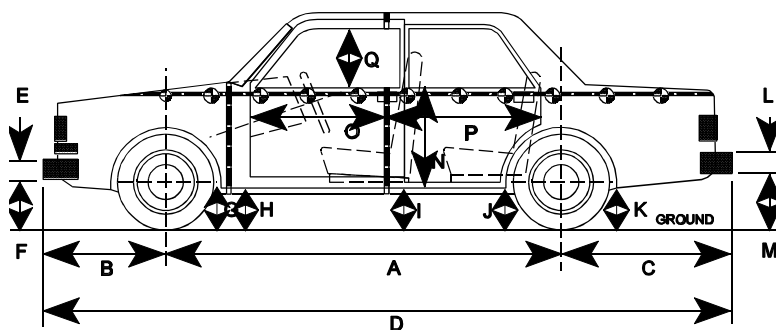
Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000

	Driver SID ID # 271				Left Passenger SID ID # 272			
	Pos. Direct.		Neg. Direct		Pos. Direct.		Neg. Direct	
	Max (g)	Time (msec)	Max (g)	Time (msec)	Max (g)	Time (msec)	Max (g)	Time (msec)
HEAD ACCELERATIONS								
Longitudinal (x)	9.5	161	22.8	77	7.4	61	29.6	57
Lateral (y)	35.3	76	8.1	163	146.4	58	11.0	73
Vertical (z)	40.4	54	0.8	17	25.3	54	50.0	64
Resultant	46.6	51	--	--	149.8	58	--	--
HIC	285	--	--	--	1133	--	--	--
RIB ACCELERATIONS								
Left Upper Rib (LUR) Y	35.0	44	9.7	81	43.5	45	4.2	91
Left Lower Rib (LLR) Y	49.0	38	10.3	93	52.8	53	4.0	169
SPINE ACCELERATIONS								
Lower Lateral Y	73.0	36	22.1	56	64.1	49	13.9	74
PELVIS ACCELERATIONS								
Lateral Y	83.6	32	7.4	99	53.9	44	4.0	94

REFERENCE: Positive Direction- Longitudinal (X) = forward
Lateral (Y) = to right
Vertical (Z) = down

DATA SHEET NO. 6
VEHICLE PRE AND POST-TEST MEASUREMENTS



LEFT SIDE VIEW

D = Length at Centerline

R = Right Side Length

S = Left Side Length

T = Width at B Post

J1 = To Pinch Weld

E & L = Bumper Thickness

J2 = To Sill

ALL MEASUREMENTS IN (mm)

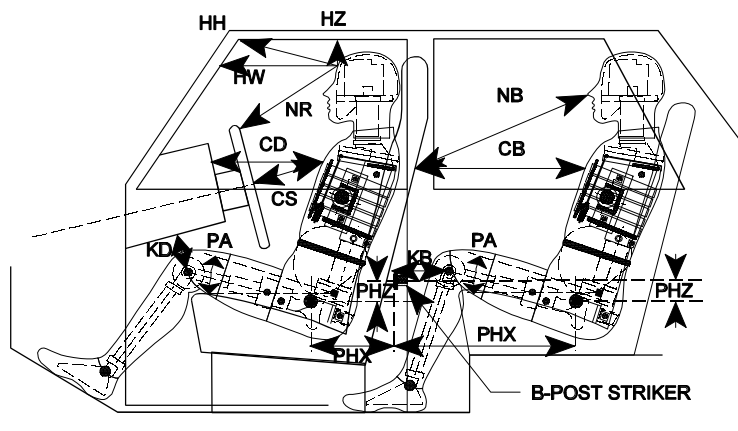
	PRE-TEST	POST-TEST	Ä CHANGE
A	2674	2628	46
B	975	970	5
C	1050	1052	-2
D	4699	4650	49
E	125	125	0
F	407	404	3
G	164	177	-13
H	164	174	-10
I	186	200	-14
J1/J2	160/158	152/148	8
K	241	242	-1
L	190	190	0
M	454	463	-9
N	662	590	72
O	788	763	25
P	591	588	3
Q	429	400	29
R	3940	3995	-55
S	3940	3898	42
T	1765	1526	239

DATA SHEET NO. 7

SIDE IMPACT DUMMY (SID) LONGITUDINAL CLEARANCE DIMENSIONS

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



NOTE: All dimensions are in mm with tolerance of ± 3 mm

	DRIVER SID ID # 271		LEFT REAR PASSENGER SID ID # 272
HH	299	HZ	128
HW	604	NB	540
HZ	162	CB	460
NR	430	KBL (KBA)	172 (6.0E)
CD	537	KBR (KBA)	161 (0.0E)
CS	324	PA°	24.7E
KDL(KDA°)	225 (13.9E)	PHX	477
KDR(KDA°)	200 (23.5E)	PHZ	116
PA°	24.0E		
PHX	398		
PHZ	186		

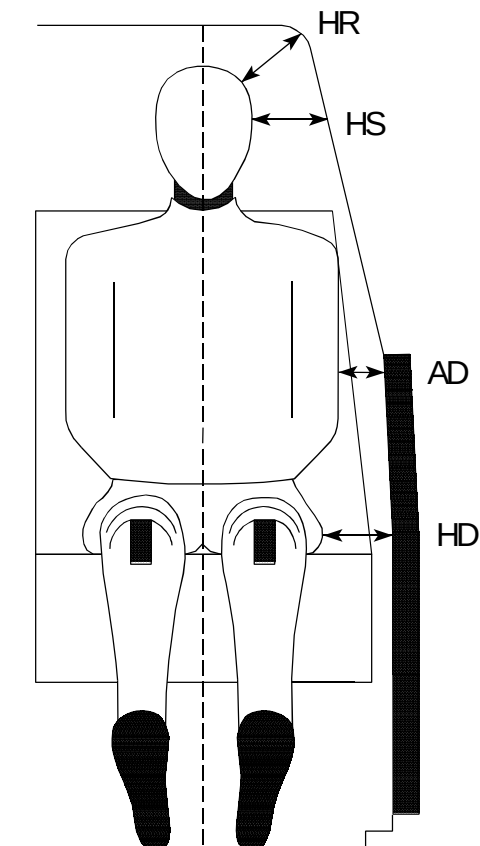
NOTE: 2-door vehicle shown. Rear dummy PHX & PHZ measurements for 4-door vehicle would use the C-post striker as reference point.

DATA SHEET NO. 8

SIDE IMPACT DUMMY (SID) LATERAL CLEARANCE DIMENSIONS

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



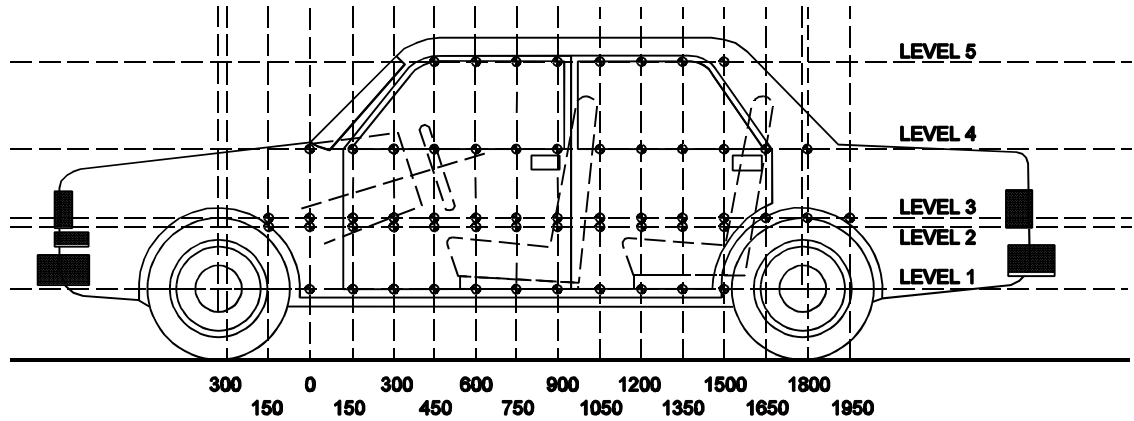
NOTE: All dimensions are in mm

	DRIVER SID ID # 271	LEFT REAR PASSENGER SID ID # 272
HR	167	220
HS	338	355
AD	120	109
HD	135	101

DATA SHEET NO. 9
VEHICLE SIDE MEASUREMENTS

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



LEFT SIDE VIEW

NOTE: All measurements are in millimeters (mm)

LEVEL 5 - WINDOW TOP
LEVEL 4 - WINDOW SILL
LEVEL 3 - MID-DOOR
LEVEL 2 - OCCUPANT H-POINT
LEVEL 1 - AXLE CENTERLINE HEIGHT OR SILL TOP HEIGHT

MEASUREMENTS ARE TAKEN WHEN THE VEHICLE IS IN THE "AS TESTED"
CONFIGURATION

MEASUREMENTS ALONG THE VERTICAL 750 mm. LINE SHOWN ABOVE

Level 1 @ Axle Centerline Height

(or Sill Top Height) = 294 mm

Level 2 @ Occupant H-Point = 453 mm

Level 3 @ Mid Door = 598 mm

Level 4 @ Window Sill = 837 mm

Level 5 @ Window Top = 1262 mm

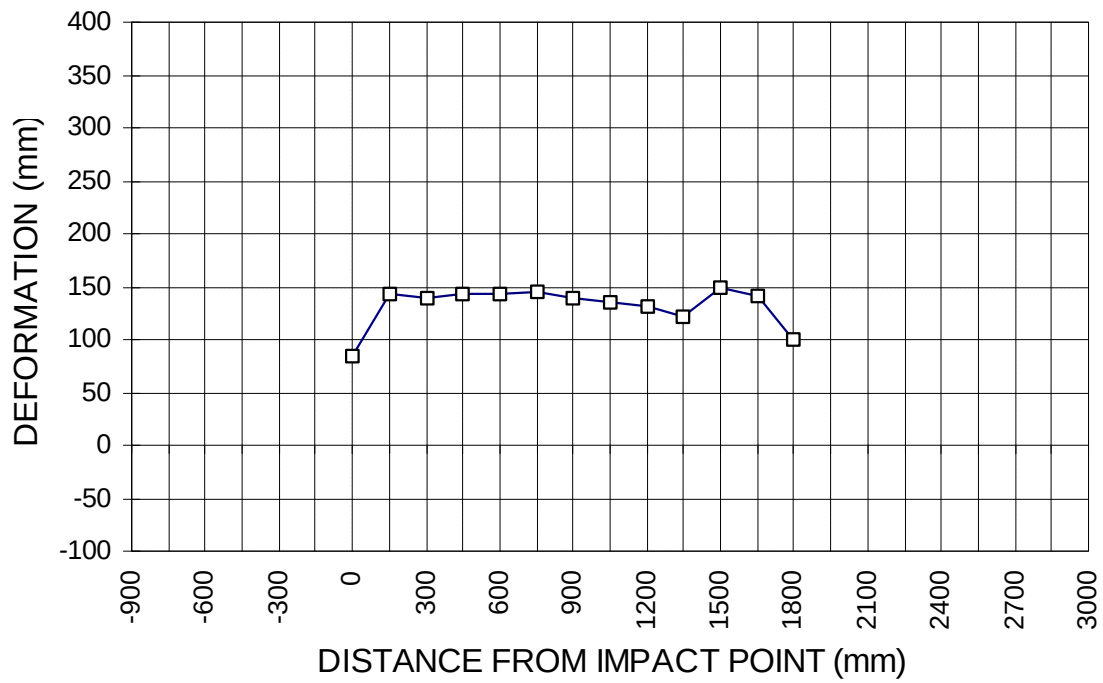
DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH PROFILES

	Level 1 - Axle Centerline		
Longitudinal Distance	Pre-Test (mm)	Post-Test (mm)	Static Crush
-900			
-750			
-600			
-450			
-300			
-150			
0 (impact point)	595	680	85
150	597	740	143
300	597	736	139
450	596	740	144
600	595	739	144
750	595	740	145
900	595	735	140
1050	595	730	135
1200	597	728	131
1350	600	721	121
1500	603	752	149
1650	605	746	141
1800	607	707	100
1950			
2100			
2250			
2400			
2550			
2700			
2850			
3000			

Reference plane is parallel to test vehicle longitudinal centerline.
 Given dimensions = Reference plane to car body

VEHICLE EXTERIOR STATIC CRUSH

LEVEL 1 - AXLE CENTERLINE



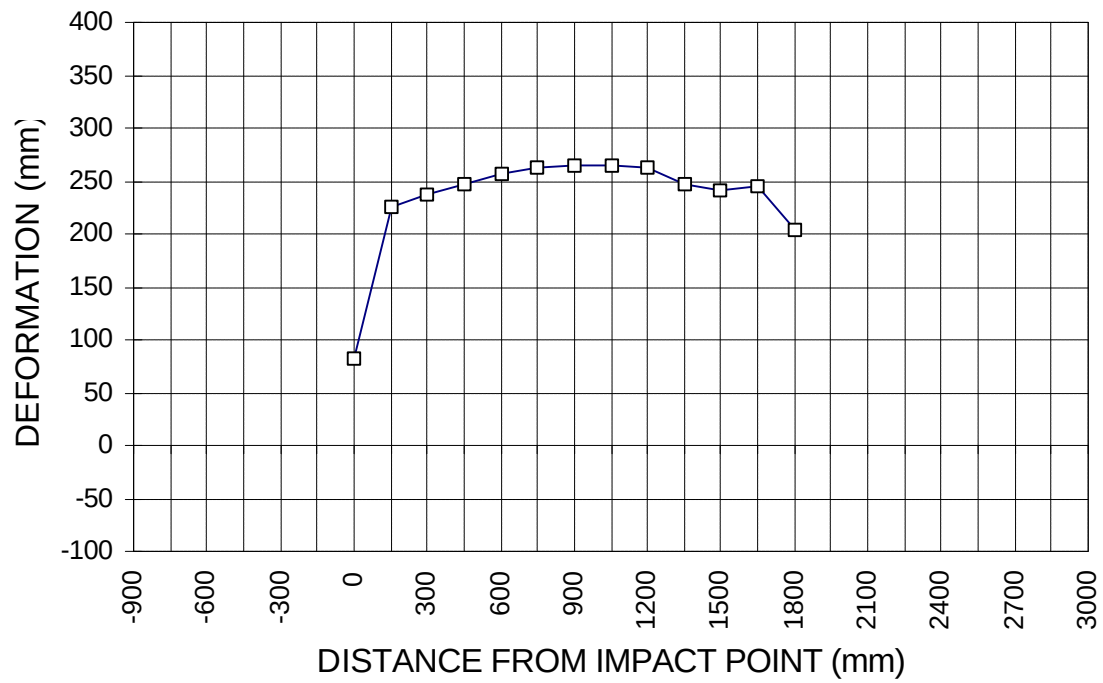
DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH PROFILES

	Level 2 - Occupant H-Point		
Longitudinal Distance	Pre-Test (mm)	Post-Test (mm)	Static Crush
-900			
-750			
-600			
-450			
-300			
-150			
0 (impact point)	567	650	83
150	580	805	225
300	580	817	237
450	580	828	248
600	579	835	256
750	579	542	263
900	580	845	265
1050	581	845	264
1200	583	845	262
1350	585	832	247
1500	586	827	241
1650	589	835	246
1800	589	793	204
1950			
2100			
2250			
2400			
2550			
2700			
2850			
3000			

Reference plane is parallel to test vehicle longitudinal centerline.
 Given dimensions = Reference plane to car body

VEHICLE EXTERIOR STATIC CRUSH

LEVEL 2 - OCCUPANT H-POINT



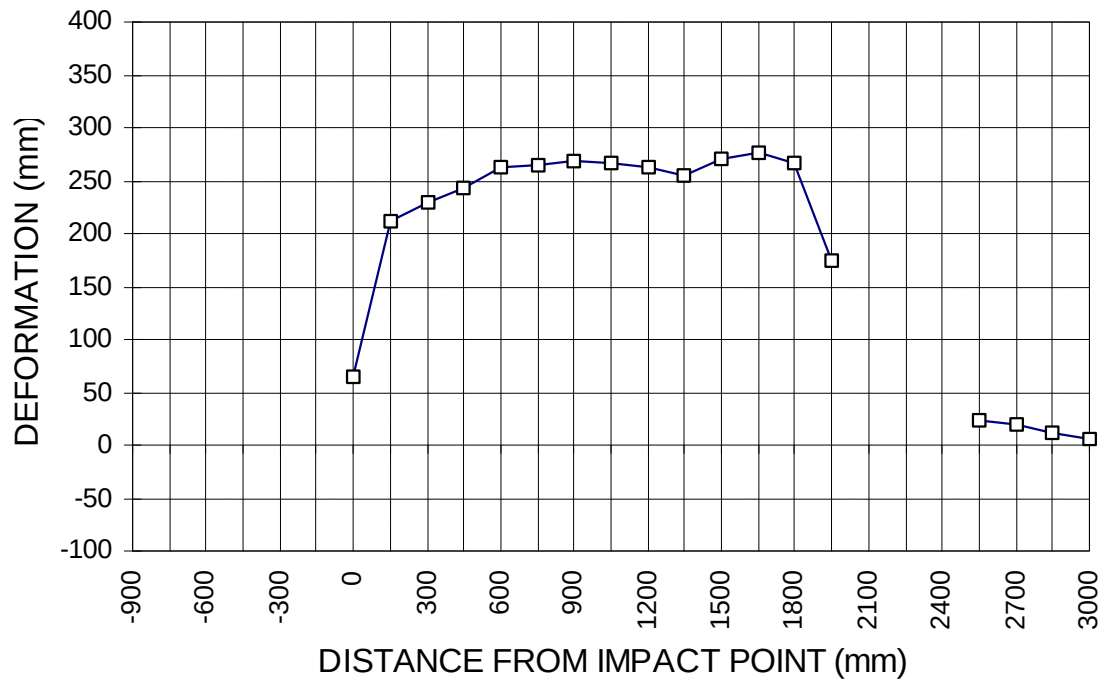
DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH PROFILES

	Level 3 - Mid-Door		
Longitudinal Distance	Pre-Test (mm)	Post-Test (mm)	Static Crush
-900			
-750			
-600			
-450			
-300			
-150			
0 (impact point)	563	627	64
150	565	777	212
300	565	794	229
450	564	808	244
600	564	826	262
750	564	828	264
900	564	833	269
1050	565	831	266
1200	566	828	262
1350	569	824	255
1500	570	840	270
1650	573	850	277
1800	575	841	266
1950	569	743	174
2100			
2250			
2400			
2550	584	608	24
2700	610	630	20
2850	629	640	11
3000	649	654	5

Reference plane is parallel to test vehicle longitudinal centerline.
 Given dimensions = Reference plane to car body

VEHICLE EXTERIOR STATIC CRUSH

LEVEL 3 - MID-DOOR



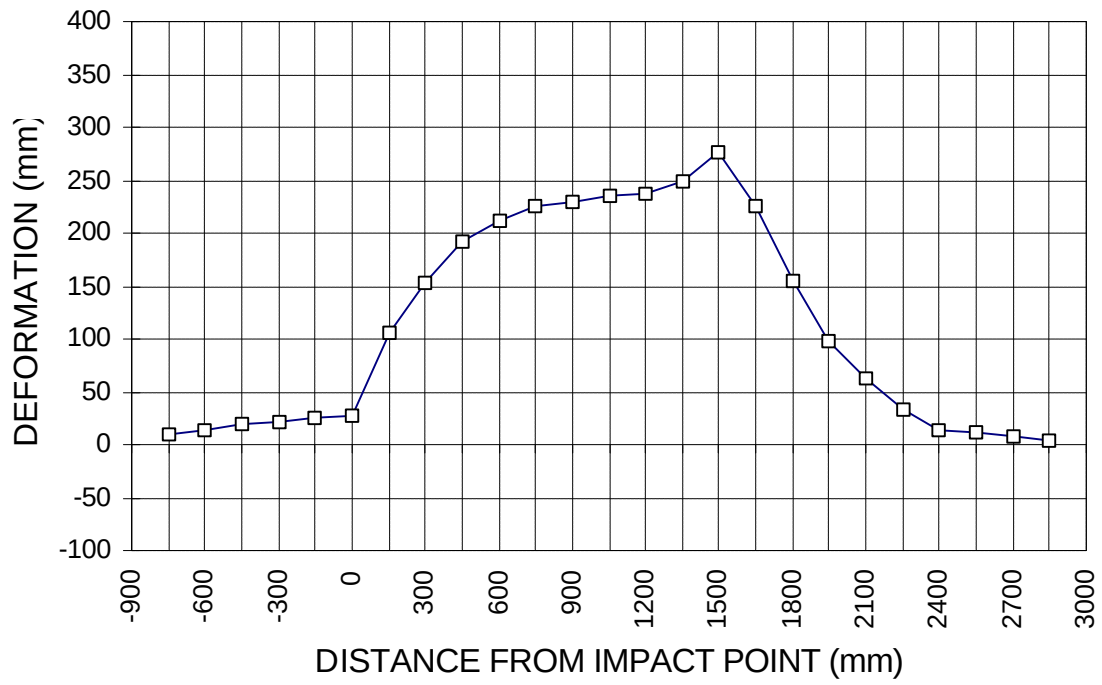
DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH PROFILES

	Level 4 - Window Sill		
Longitudinal Distance	Pre-Test (mm)	Post-Test (mm)	Static Crush
-900	683	683	0
-750	650	660	10
-600	624	638	14
-450	606	625	19
-300	600	622	22
-150	600	625	25
0 (impact point)	598	625	27
150	597	703	106
300	597	749	152
450	597	789	192
600	599	811	212
750	600	825	225
900	608	837	229
1050	607	843	236
1200	612	849	237
1350	615	865	250
1500	616	892	276
1650	624	850	226
1800	629	783	154
1950	635	733	98
2100	641	704	63
2250	650	683	33
2400	660	674	14
2550	673	684	11
2700	686	693	7
2850	706	710	4
3000	727	727	0

Reference plane is parallel to test vehicle longitudinal centerline.
 Given dimensions = Reference plane to car body

VEHICLE EXTERIOR STATIC CRUSH

LEVEL 4 - WINDOW SILL



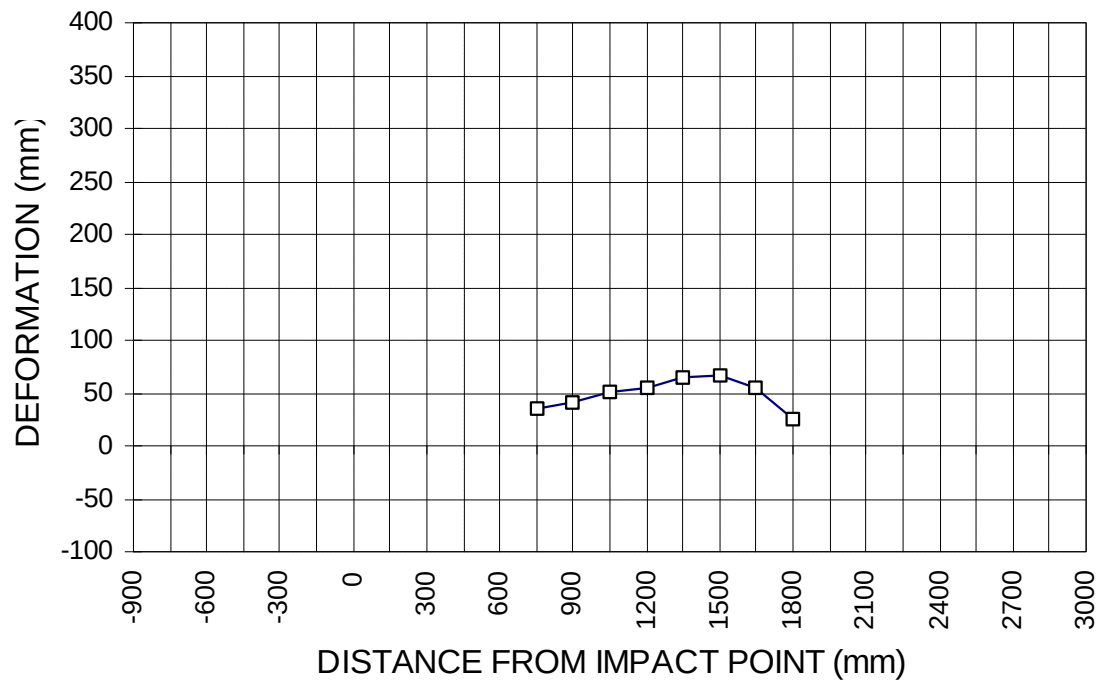
DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH PROFILES

	Level 1 - Axle Centerline		
Longitudinal Distance	Pre-Test (mm)	Post-Test (mm)	Static Crush
-900			
-750			
-600			
-450			
-300			
-150			
0 (impact point)			
150			
300			
450			
600			
750	855	891	36
900	868	910	42
1050	873	924	51
1200	880	934	54
1350	882	947	65
1500	881	947	66
1650	879	933	54
1800	874	900	26
1950			
2100			
2250			
2400			
2550			
2700			
2850			
3000			

Reference plane is parallel to test vehicle longitudinal centerline.
 Given dimensions = Reference plane to car body

VEHICLE EXTERIOR STATIC CRUSH

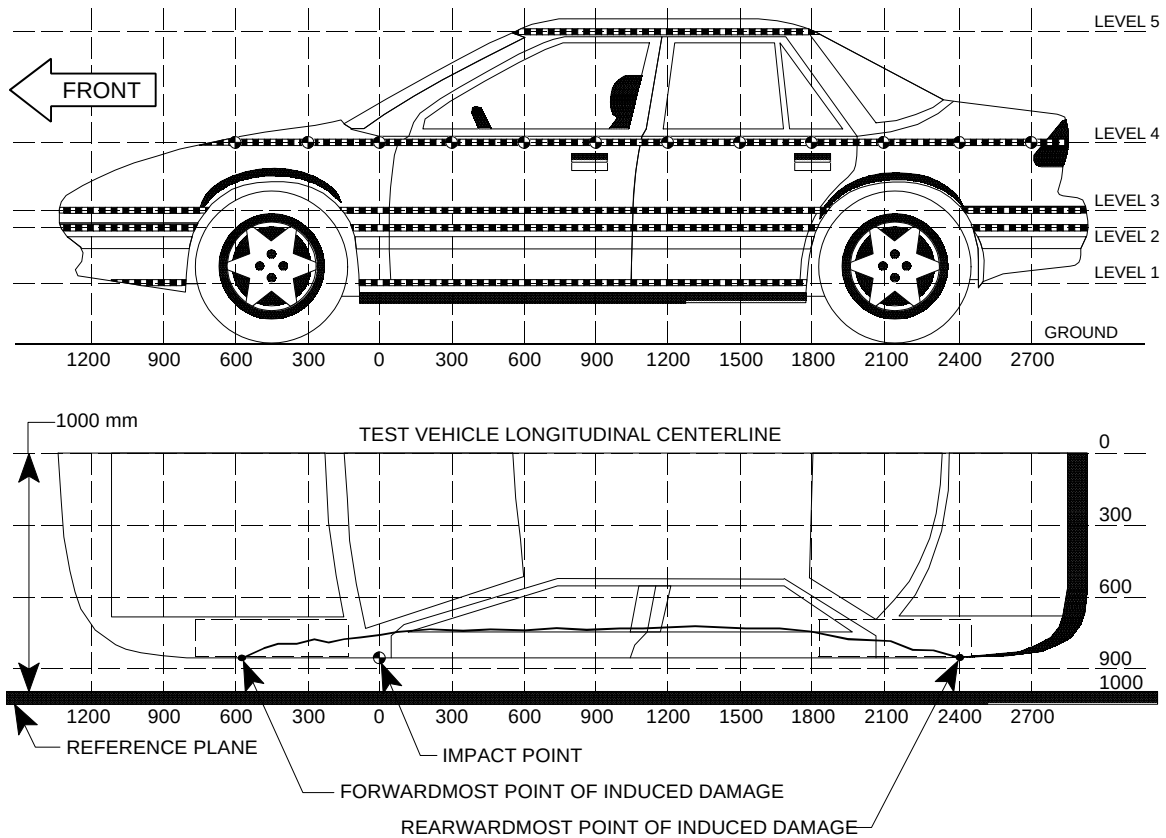
LEVEL 5 - WINDOW TOP



DATA SHEET NO. 11
VEHICLE DAMAGE PROFILE DISTANCES

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



NOTE: All measurements are in millimeters (mm)

DPD MEASUREMENTS	POST-TEST (mm)	PRE-TEST (mm)	STATIC CRUSH (mm)
1. (LR = <u>3000</u> mm)	727	727	0
2. 2225 mm	686	649	37
3. 1402 mm	830	585	245
4. 627 mm	837	579	258
5. -134 mm	625	597	28
6. (LF = <u>-900</u> mm)	683	683	0

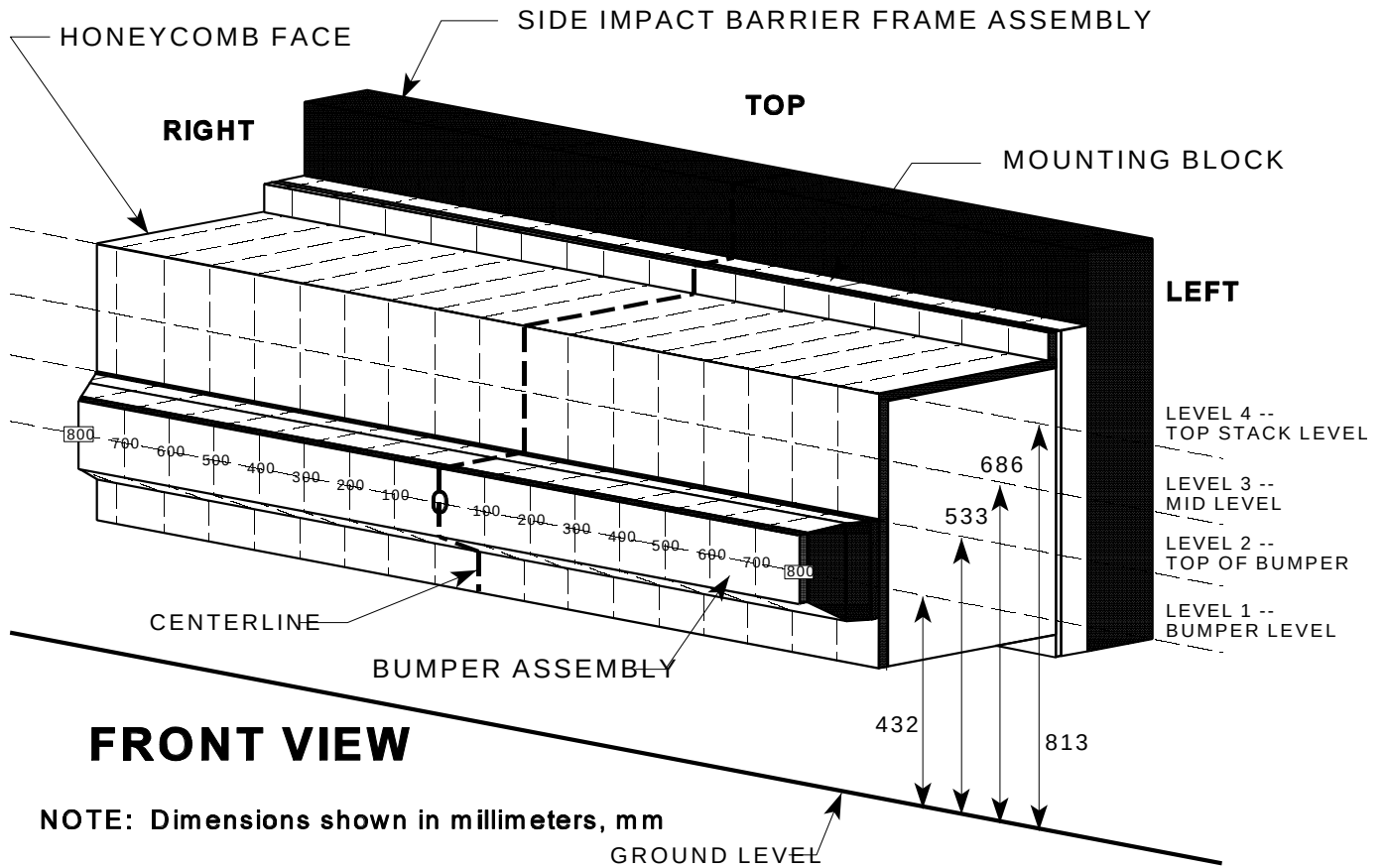
DATA SHEET NO. 12
EXTERIOR STATIC CRUSH FOR SIDE IMPACTOR

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000

		Distance Right of Center (mm)										Distance Left of Center (mm)							
Location	Height at CL	800	700	600	500	400	300	200	100	0		100	200	300	400	500	600	700	800
Top Stack Level 4	813 mm	65	10	0	17	8	1	1	6	13		21	29	37	54	74	119	158	201
Mid Level Level 3	686 mm	38	7	39	30	16	18	13	13	14		14	19	27	24	46	71	107	166
Top Bumper Level 2	533 mm	90	93	94	73	67	49	47	48	40		38	44	49	53	64	77	95	110
Mid Bumper Level 1	432 mm	175	149	153	158	148	131	115	103	94		96	97	100	109	128	130	146	169

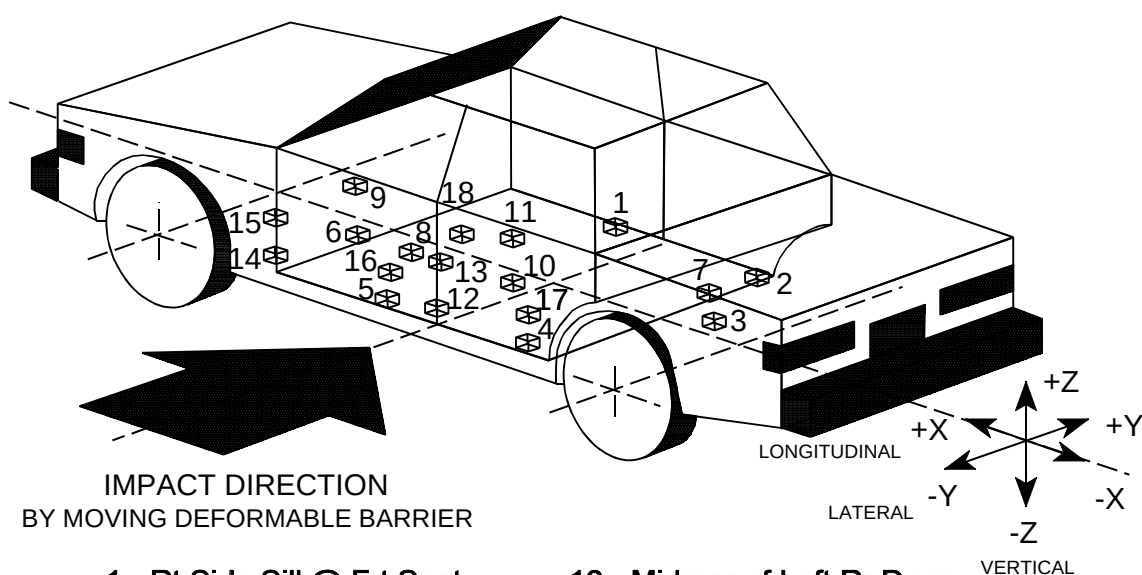
See next page for Barrier Face Graphic



DATA SHEET 13
TEST VEHICLE ACCELEROMETER LOCATIONS AND DATA SUMMARY

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



- 1 - Rt Side Sill @ Frt Seat
- 2 - Rt Side Sill @ Rr Seat
- 3 - Rr Floorpan Above Axle
- 4 - Left Side Sill @ Rr Seat
- 5 - Left Side Sill @ Frt Seat
- 6 - Left Frt Door on Centerline
- 7 - Rt Rr Occ Compartment
- 8 - Midrear of Left Frt Door
- 9 - Left Frt Door Up C/Line

- 10 - Midrear of Left Rr Door
- 11 - Left Rr Door Up C/Line
- 12 - Left Lwr B-Post
- 13 - Left Middle B-Post
- 14 - Left Lwr A-Post
- 15 - Left Middle A-Post
- 16 - Frt Seat Track
- 17 - Rr Seat Track
- 18 - Vehicle C.G.

DATA SHEET NO. 13
TEST VEHICLE ACCELEROMETER LOCATIONS AND DATA SUMMARY
 Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe
 Test Date: October 31, 2000

Accel. No.	Description	Coordinates (mm)*			Long. (X) Maximums (g's)		Lat. (Y) Maximums (g's)		Vert. (Z) Maximums (g's)		Resultant (g's)
		X	Y	Z	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
1	Rt. Side Sill @ Front Seat	2390	696	210	2.7	4.3	32.3	2.8	8.4	7.5	32.4
2	Rt. Side Sill @ Rear Seat	1742	703	215	3.4	5.1	38.2	2.1	9.9	8.4	38.3
3	Rr. Floorpan Above Axle	1188	0	580	7.5	8.4	31.4	2.1	15.8	15.3	31.9
4	Left Side Sill @ Rr. Seat	1752	-703	225	---	---	36.6	3.8	---	---	---
5	Left Side Sill @ Frt. Seat	2400	-696	215	---	---	27.1	3.9	---	---	---
6	Left Front Door Centerline	2513	-750	585	---	---	151.4	48.8	---	---	---
7	Right Rear Occupant Compartment	1844	518	360	---	---	32.6	1.7	---	---	---
8	Mid Rear of Left Front Door	2072	-762	615	---	---	86.5	71.3	---	---	---
9	Left Front Door Upper Centerline**	2514	-737	870	---	---	30.5	0.8	---	---	---
10	Left Rear Door Mid Rear	1790	-730	660	---	---	174.3	47.6	---	---	---
11	Left Rear Door Upper Centerline	1804	-725	932	---	---	93.9	89.9	---	---	---
12	Left Lower B-Post***	2011	-733	395	---	---	171.1	16.9	---	---	---
13	Left Mid B-Post	1970	-735	870	---	---	107.2	74.6	---	---	---
14	Left Lower A-Post	3159	-642	316	---	---	26.0	5.5	---	---	---
15	Left Mid A-Post	3062	-680	972	---	---	28.8	4.1	---	---	---
16	Driver Left Seat Track	980	-544	235	---	---	32.5	3.6	---	---	---
18	Vehicle CG	2589	0	265	4.2	6.9	23.3	1.7	16.2	6.0	28.4

*Reference: X - Rear Bumper (+ Forward)
 ** No valid data after approximately 15 msec.

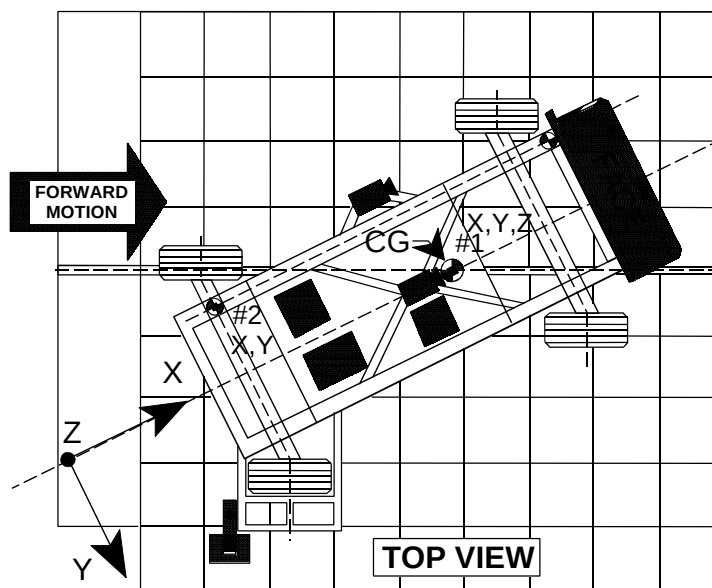
Y - Vehicle Centerline (+ To right)
 *** No valid data after approximately 44 msec.

Z - Ground Level (+ Up)

DATA SHEET NO. 14
MOVING DEFORMABLE BARRIER (MDB) ACCELEROMETER LOCATIONS AND DATA
SUMMARY

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



Accel. No.	Description	Coordinates (mm)*			(+) Positive		(-) Negative	
		X	Y	Z	Max. (g)	Time (msec)	Max. (g)	Time (msec)
1	MDB Center of Gravity	-1092	0	483				
	Longitudinal (X)	---	---	---	2.8	168	19.4	35
	Lateral (Y)	---	---	---	**	**	**	**
	Vertical (Z)	---	---	---	15.1	53	17.1	20
	Resultant (R)	---	---	---	26.2	53	--	--
2	Rear Frame Member	-2501	-625	622				
	Longitudinal (X)	---	---	---	2.4	99	23.5	35
	Lateral (Y)	---	---	---	5.1	28	1.8	149

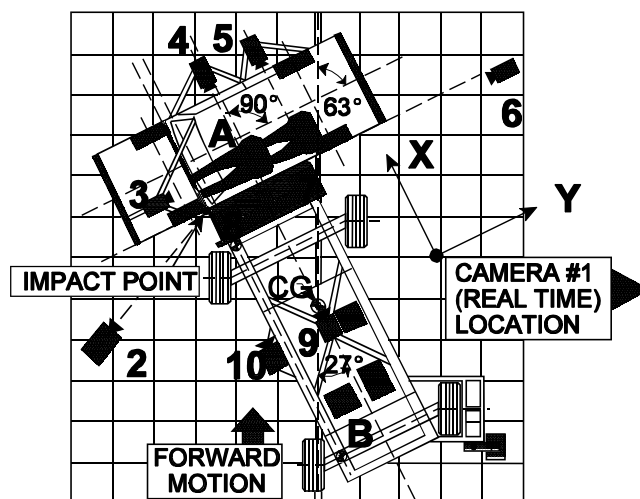
*Reference: X - Front Axle (+ Forward)
Y - Vehicle Centerline (+ To right)
Z - Ground Level (+ Up)

** No valid data collected

DATA SHEET NO. 15
HIGH SPEED CAMERA LOCATIONS AND DATA

Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



Camera No.	View	Coordinates (mm)*			Lens (mm)	Film Speed (fps)
		X	Y	Z		
1	Real Time				10	24
2	Left Impact	-1620	-2310	1840	13	881
3	Onboard Hood				8	1036
4	Onboard Front				13	990
5	Onboard Rear				8	1000
6	Right Impact	480	10100	1790	13	837
7	Top Overall	-100	1250	5000	8	1015
8	Top Impact	215	60	5000	13	990
9	Cart Overall				13	1015
10	Cart Impact				35	877

* Reference: (from point of impact)

+X = Forward
+Y = To Right
+Z = Upward

DATA SHEET 16
FUEL SYSTEM INTEGRITY POST IMPACT TEST DATA

Vehicle Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000

TEST REQUIREMENTS:

Drain the test vehicle's fuel system and operate the engine until the fuel system is dry. Add Stoddard solvent, which has been dyed purple, until 92-94% of the stated usable capacity is reached. Operate the engine to assure the Stoddard solvent is present throughout the entire fuel system.

TEST VEHICLE IMPACT TYPE: X Side Impact MDB 38.2 mph (61.5 kph)

FUEL SPILLAGE MEASUREMENT:

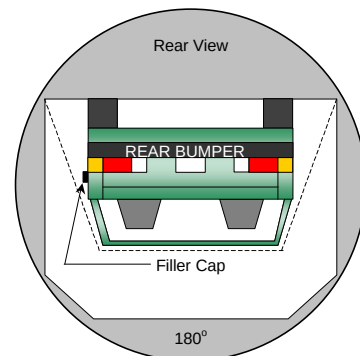
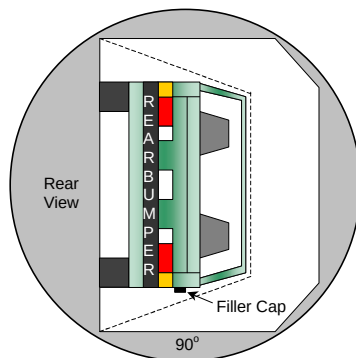
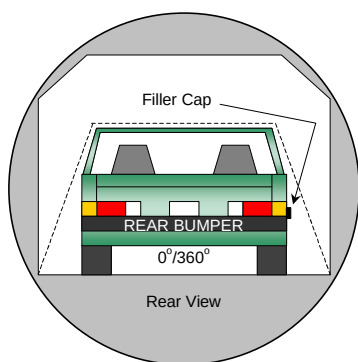
POST IMPACT TEST	TEST RESULTS	MAXIMUM ALLOWABLE
1. From impact until vehicle motion ceases	0 oz.	1 oz
2. For 5 minute period after vehicle motion ceases	0 oz.	5 oz
3. For next 25 minutes	0 oz.	1 oz./1 min

FUEL SPILLAGE LOCATION(S): None

DATA SHEET 16
FMVSS 301 STATIC ROLLOVER TEST DATA

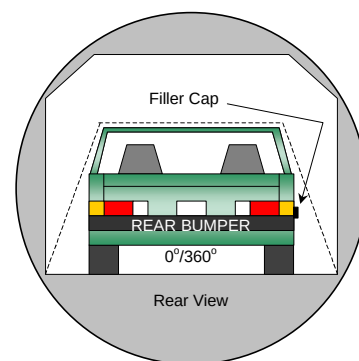
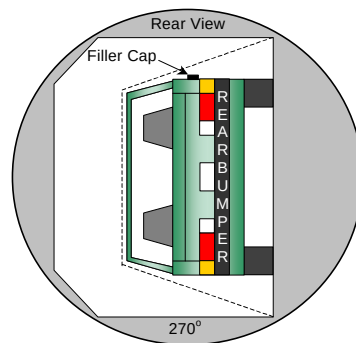
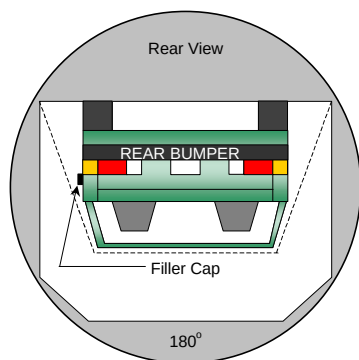
Vehicle Year/Make/Model/Body Style: 2001/Honda/Accord/LX/2 Door Coupe

Test Date: October 31, 2000



0° TO 90°

90° TO 180°



180° TO 270°

270° TO 360°

1. The specified fixture rollover rate for each 90° of rotation is 60 to 180 seconds.
2. The position hold time at each position is 300 seconds (minimum).
3. Details of Stoddard Solvent spillage locations:

No solvent leakage occurred during static rollover testing.

TEST PHASE	Rotation Time (sec.)	Hold Time (sec.)	Spillage (oz.)
0° TO 90°	173	300	0
90° to 180°	153	300	0
180° to 270°	134	300	0
270° to 360°	157	300	0

APPENDIX A - PHOTOGRAPHS

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Photo No. A-1 - Post-Test Front View of Test Vehicle



Photo No. A-2 - Pre-Test Rear View of Test Vehicle



Photo No. A-3 - Post-Test Rear View of Test Vehicle



Photo No. A-4 - Pre-Test Left Side View of Test Vehicle

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Photo No. A-5 - Post-Test Left Side View of Test Vehicle



Photo No. A-6 - Pre-Test MDB Positioned Against Vehicle Overhead View

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Photo No. A-7 - Post-Test MDB Top View

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Photo No. A-8 - Post-Test MDB Front View

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Photo No. A-9 - Pre-Test MDB Right Side View

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Photo No. A-10 - Post-Test MDB Right Side View

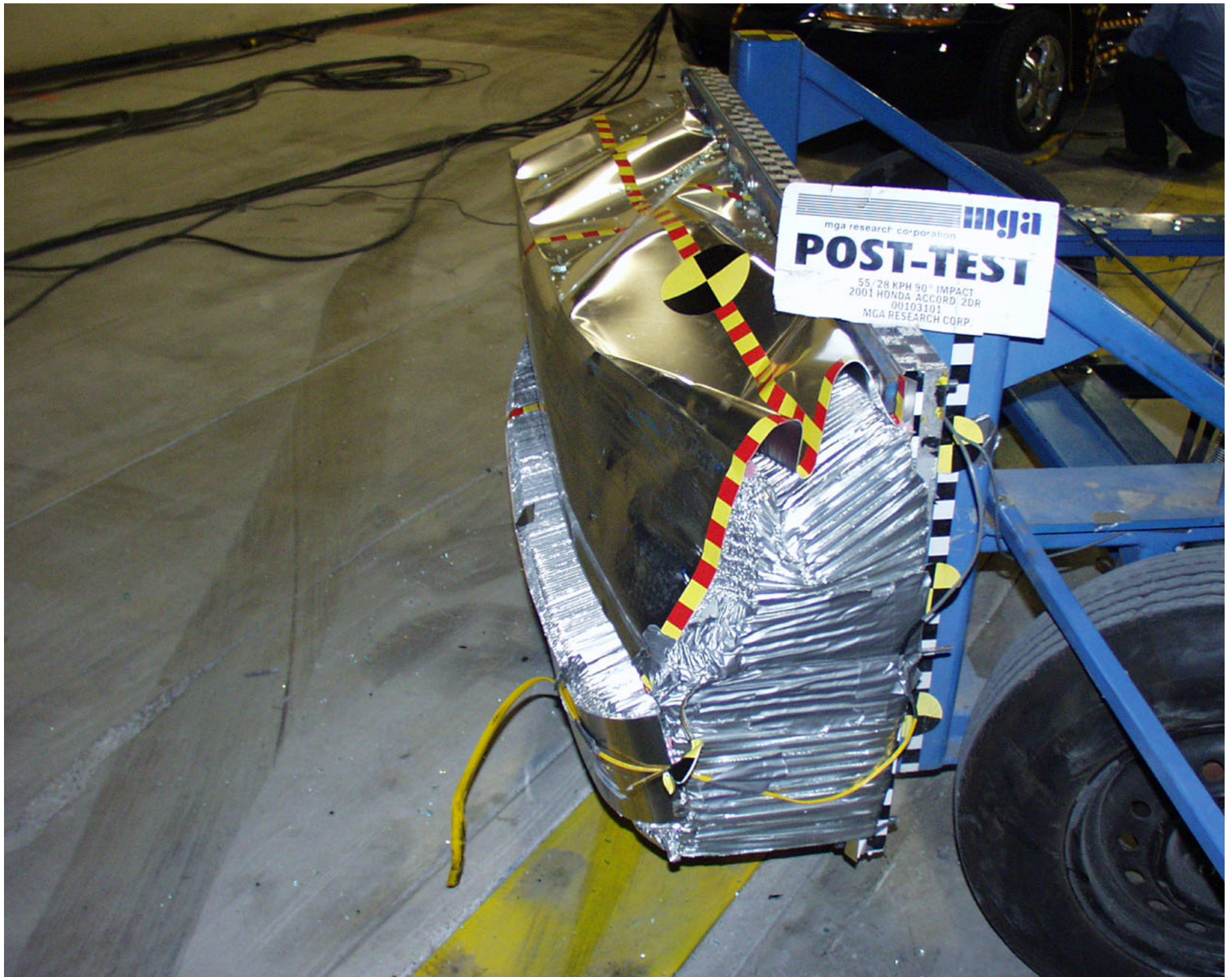


Photo No. A-11 - Post-Test MDB Left Side View

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Photo No. A-12 - Pre-Test Driver Dummy Right Side View (Door Open)



Photo No. A-13 - Post-Test Driver Dummy Right Side View (Door Open)



Photo No. A-14 - Pre-Test Driver Dummy Left Side View



Photo No. A-15 - Post-Test Driver Dummy Left Side View



Photo No. A-16 - Pre-Test Driver Dummy Left Side View (Door Open)



Photo No. A-17 - Pre-Test Driver Dummy Shoulder and Door Top View



Photo No. A-18 - Post-Test Driver Dummy Shoulder and Door Top View



Photo No. A-19 - Post-Test Driver Dummy Contact



Photo No. A-20 - Post-Test Driver Dummy Head Contact



Photo No. A-21 - Pre-Test Rear Passenger Dummy Front Right Side View

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Photo No. A-22 - Post-Test Rear Passenger Dummy Front Right Side View



Photo No. A-23 - Post-Test Rear Passenger Dummy Left Side View



Photo No. A-24 - Pre-Test Rear Passenger Dummy Shoulder and Door Top View

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Photo No. A-25 - Post-Test Rear Passenger Dummy Shoulder and Door Top View



Photo No. A-26 - Post-Test Rear Passenger Dummy Contact



Photo No. A-27 - Post-Test Rear Passenger Dummy Head Contact



Photo No. A-28 - Post-Test Left Front Impact Point on Vehicle



Photo A-29 – Pre-Test Fuel Filler Cap View

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Photo No. A-30 – Impact



Photo No. A-31 - Vehicle Certification Label

SIDE AIRBAG (A8)

- This car is equipped with side airbags in the driver's and passenger's seat.
- Do not lean against the door.
- See owner's manual for more information.

TIRE INFORMATION			VEHICLE CAPACITY WEIGHT		850 LBS
SEATING CAPACITY			TOTAL 5	FRONT 2	REAR 3
RECOMMENDED TIRE SIZE	COLD TIRE INFLATION PRESSURE		SEE OWNER'S		
P195/65R15 89H	FRONT	200 KPA, 29 PSI	MANUAL FOR		
	REAR	200 KPA, 29 PSI	ADDITIONAL		
COMPACT SPARE TIRE	UP TO VEHICLE CAPACITY WEIGHT		INFORMATION		
T125/70D15 95M	420 KPA, 60 PSI		42762-S82-A000		

Photo No. A-32 - Tire Placard



Photo No. A-33 - Rollover 90°

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Photo No. A-34 - Rollover 180°

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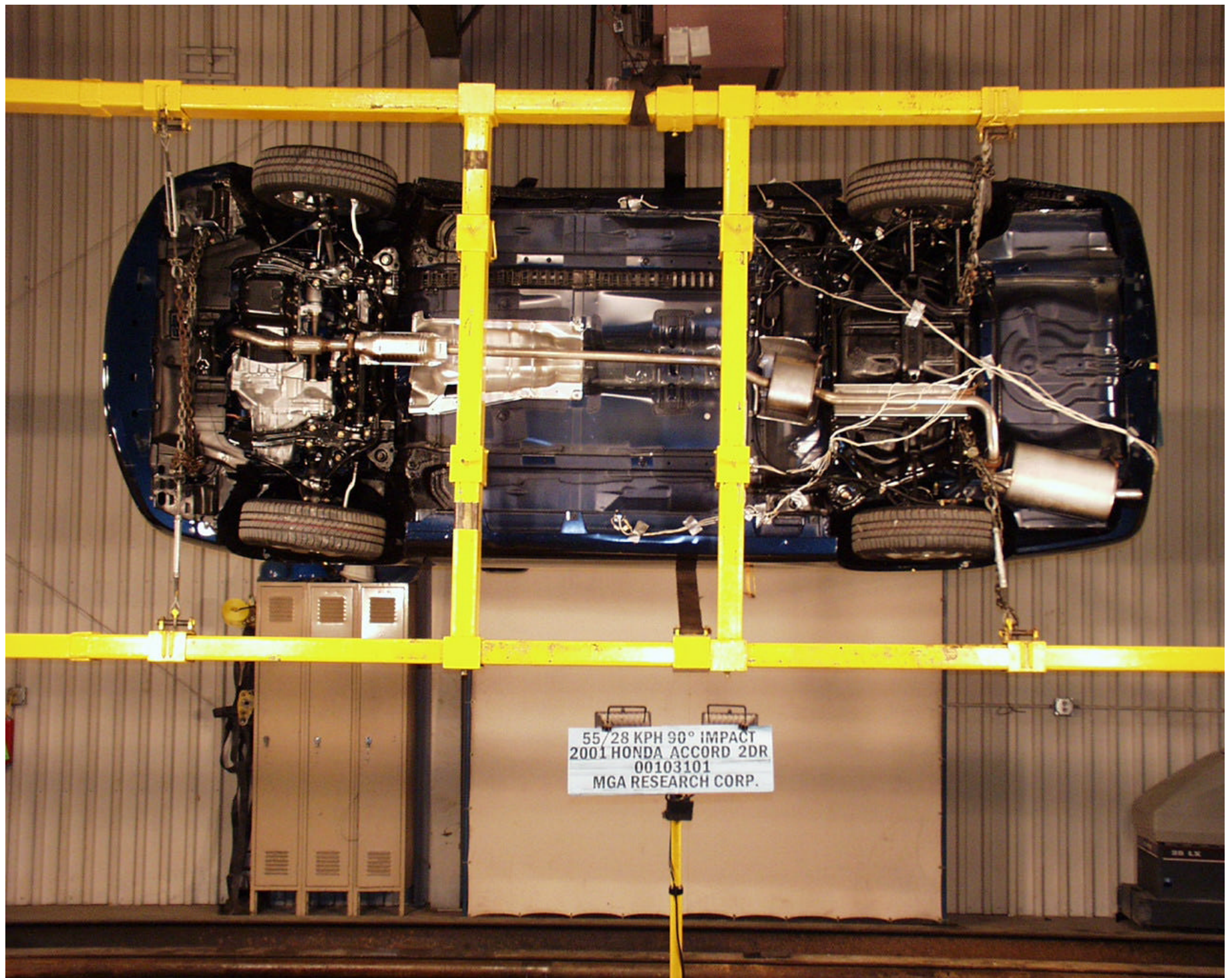


Photo No. A-35 - Rollover 270°



Photo No. A-36 - Rollover 360°



Photo No. A-37 - Left Front Attitude Point

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Photo No. A-38 - Right Front Attitude Point

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Photo No. A-39 - Left Rear Attitude Point

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Photo No. A-40 - Right Rear Attitude Point

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* No valid data after approximately 45 msec.

** No valid data after approximately 15 msec.

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* No valid data after approximately msec.

** No valid data collected

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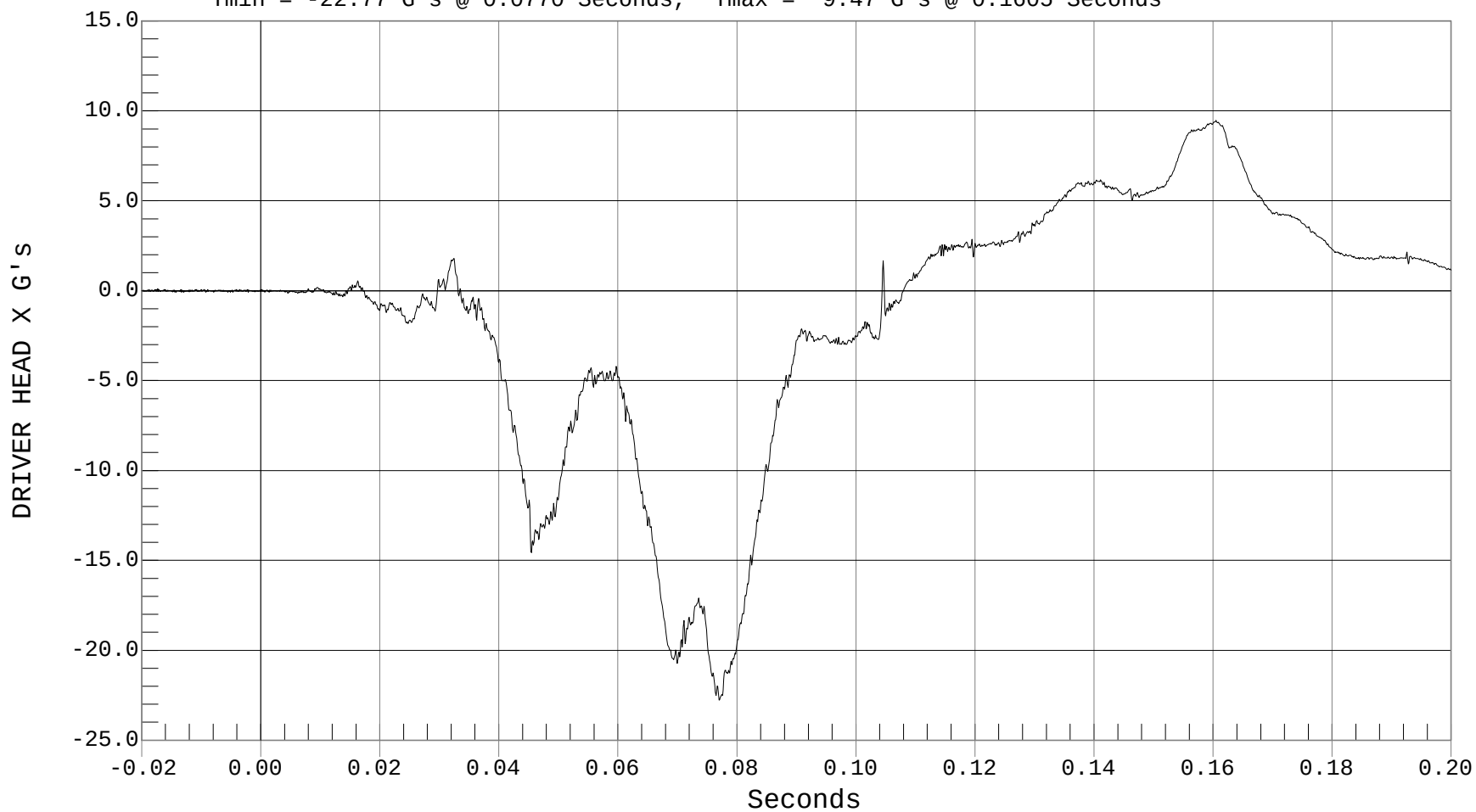
DRIVER HEAD X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER HEAD X, B00091AT.A01

Ymin = -22.77 G's @ 0.0770 Seconds, Ymax = 9.47 G's @ 0.1605 Seconds





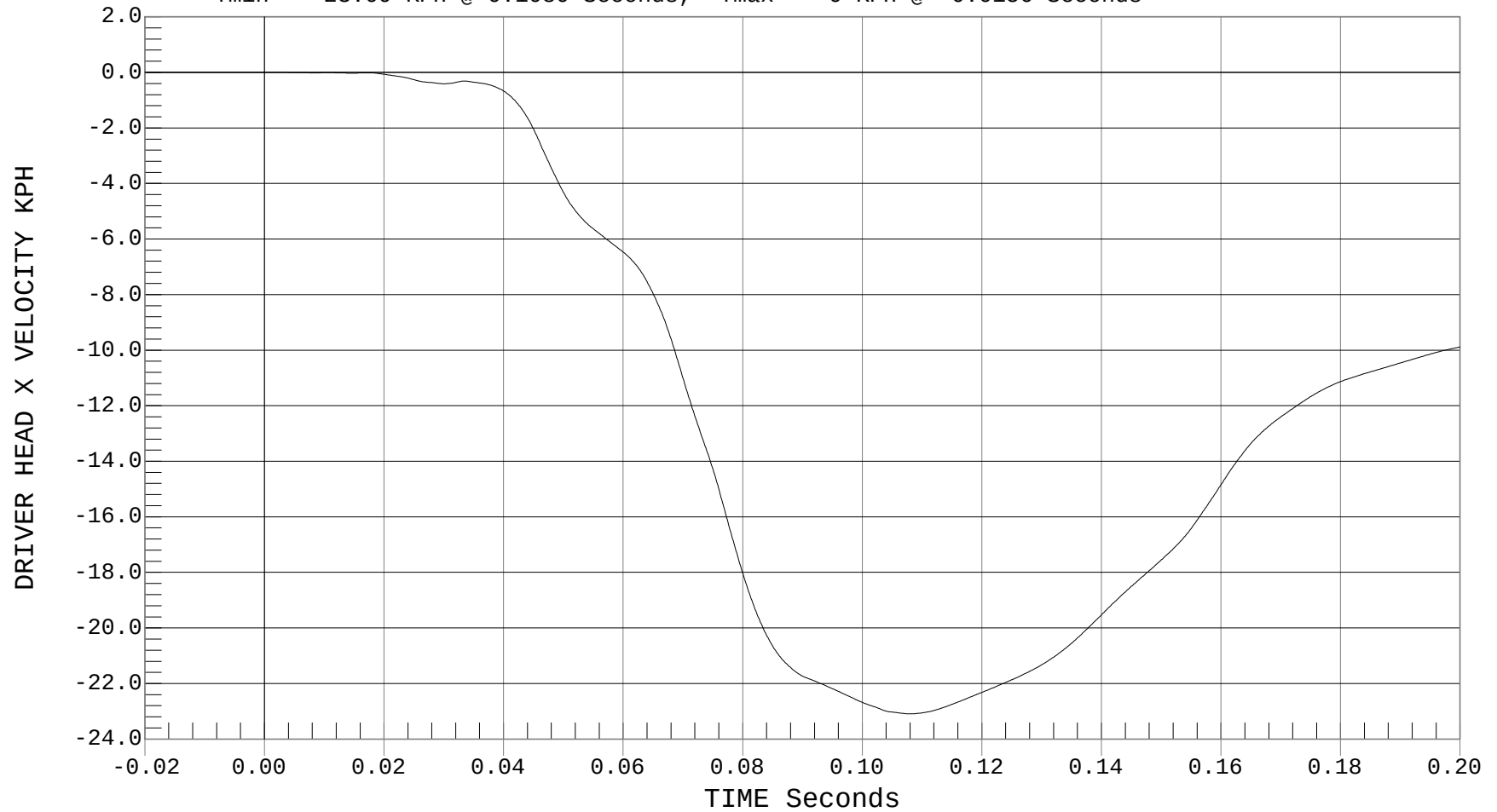
DRIVER HEAD X VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER HEAD X VELOCITY, B00091AI.V01

Ymin = -23.09 KPH @ 0.1080 Seconds, Ymax = 0 KPH @ -0.0156 Seconds





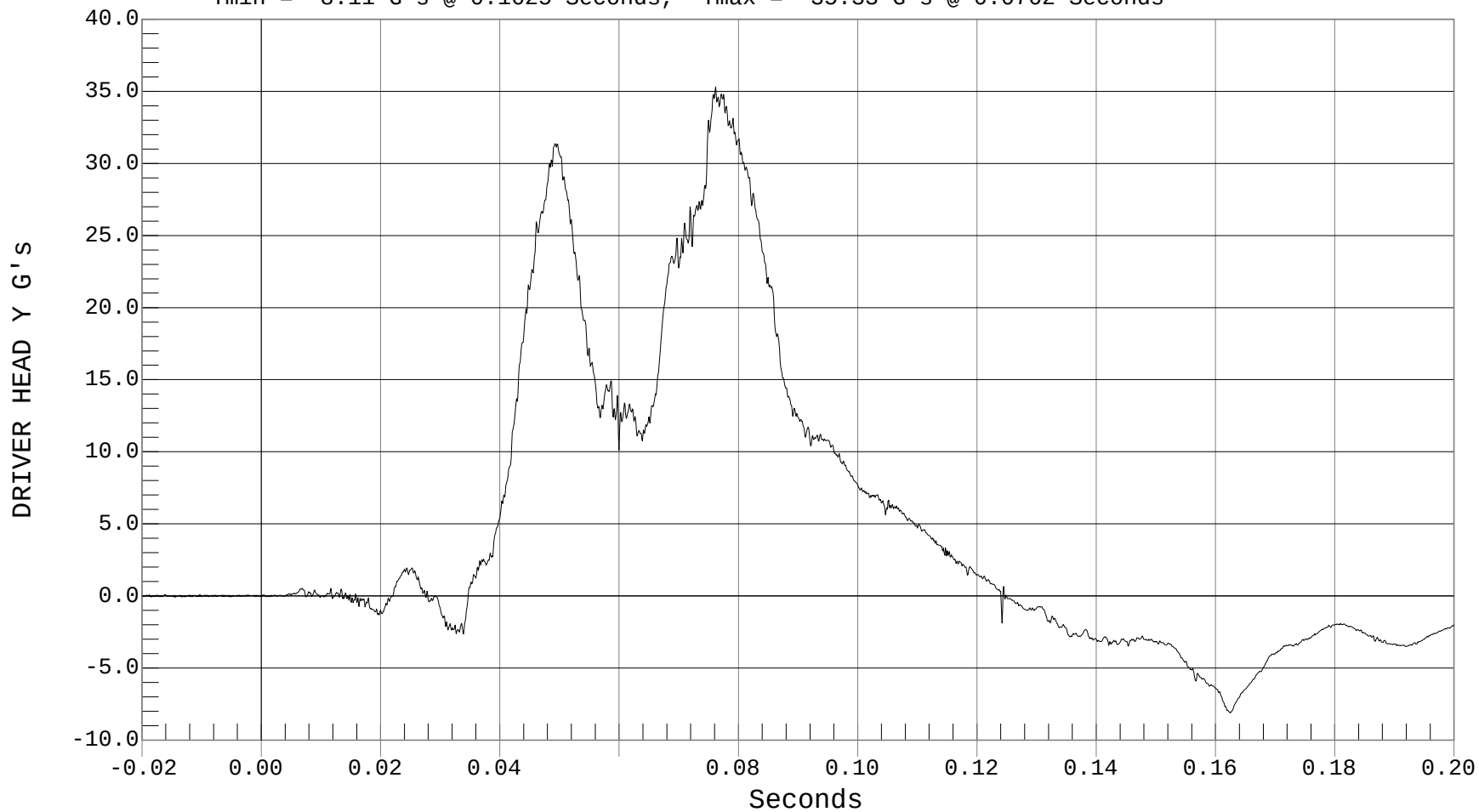
DRIVER HEAD Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER HEAD Y, B00091AT.A02

Ymin = -8.11 G's @ 0.1625 Seconds, Ymax = 35.33 G's @ 0.0762 Seconds





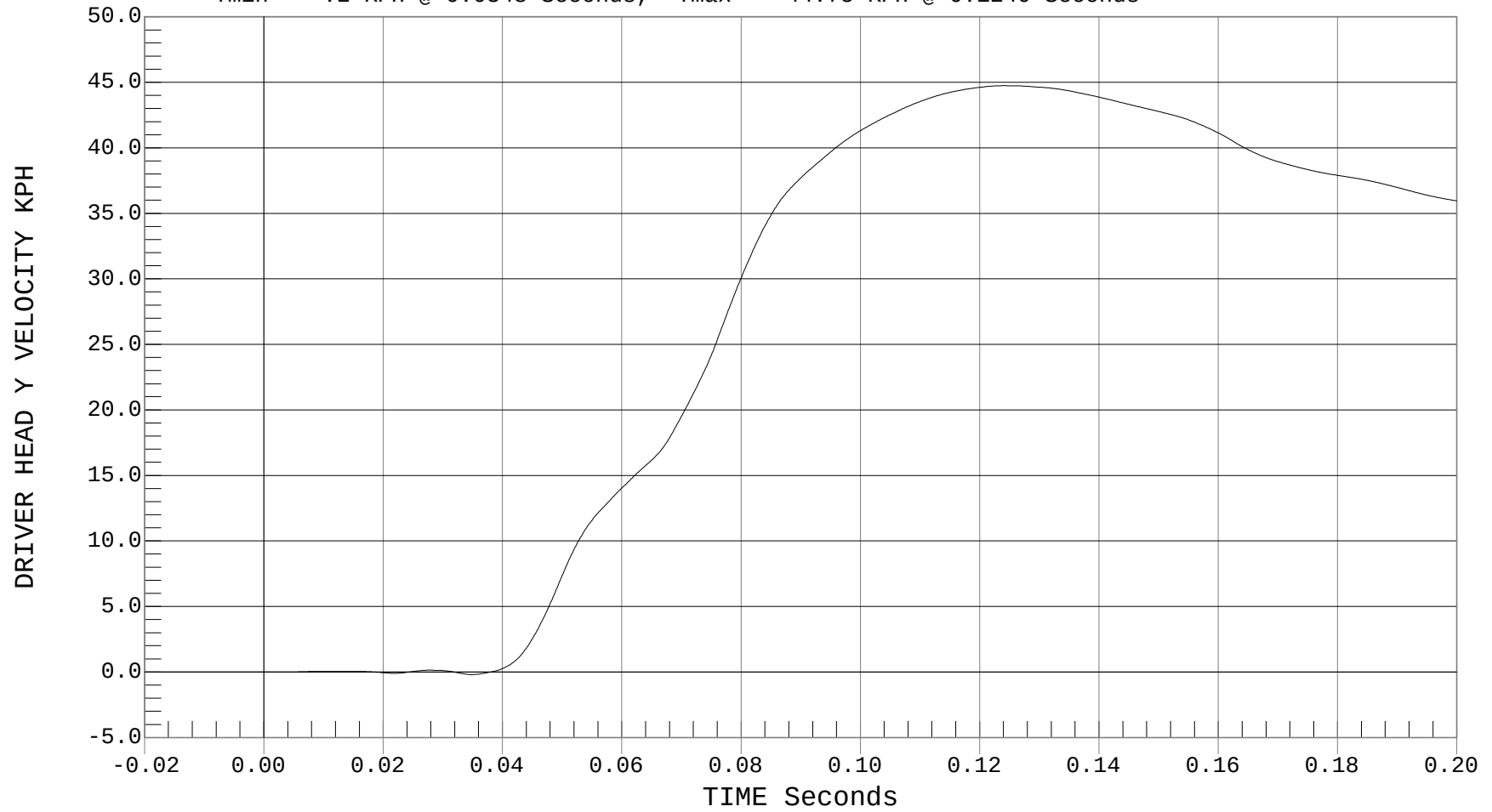
DRIVER HEAD Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER HEAD Y VELOCITY, B00091AI.V02

Ymin = -.2 KPH @ 0.0348 Seconds, Ymax = 44.75 KPH @ 0.1240 Seconds





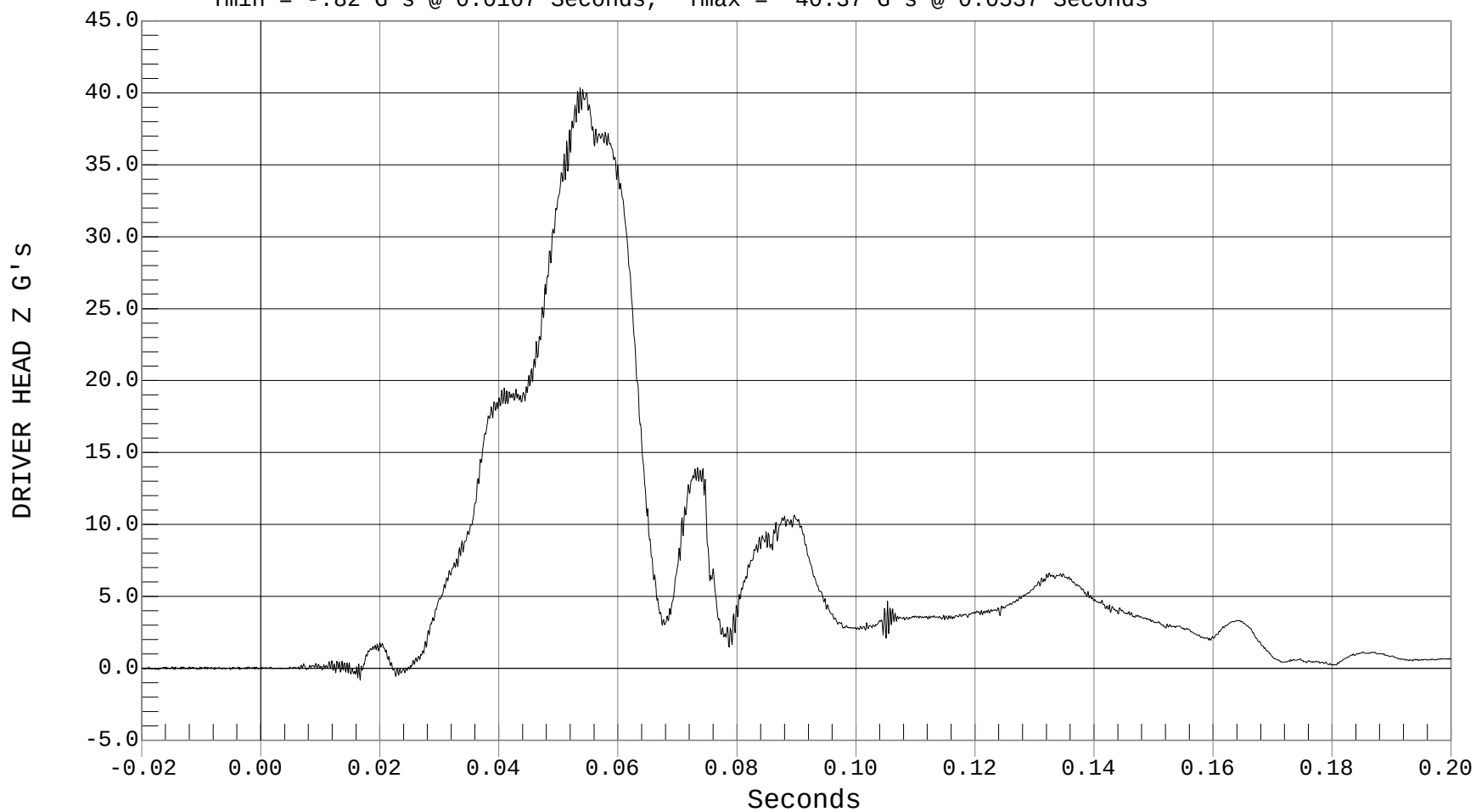
DRIVER HEAD Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER HEAD Z, B00091AT.A03

Ymin = -0.82 G's @ 0.0167 Seconds, Ymax = 40.37 G's @ 0.0537 Seconds





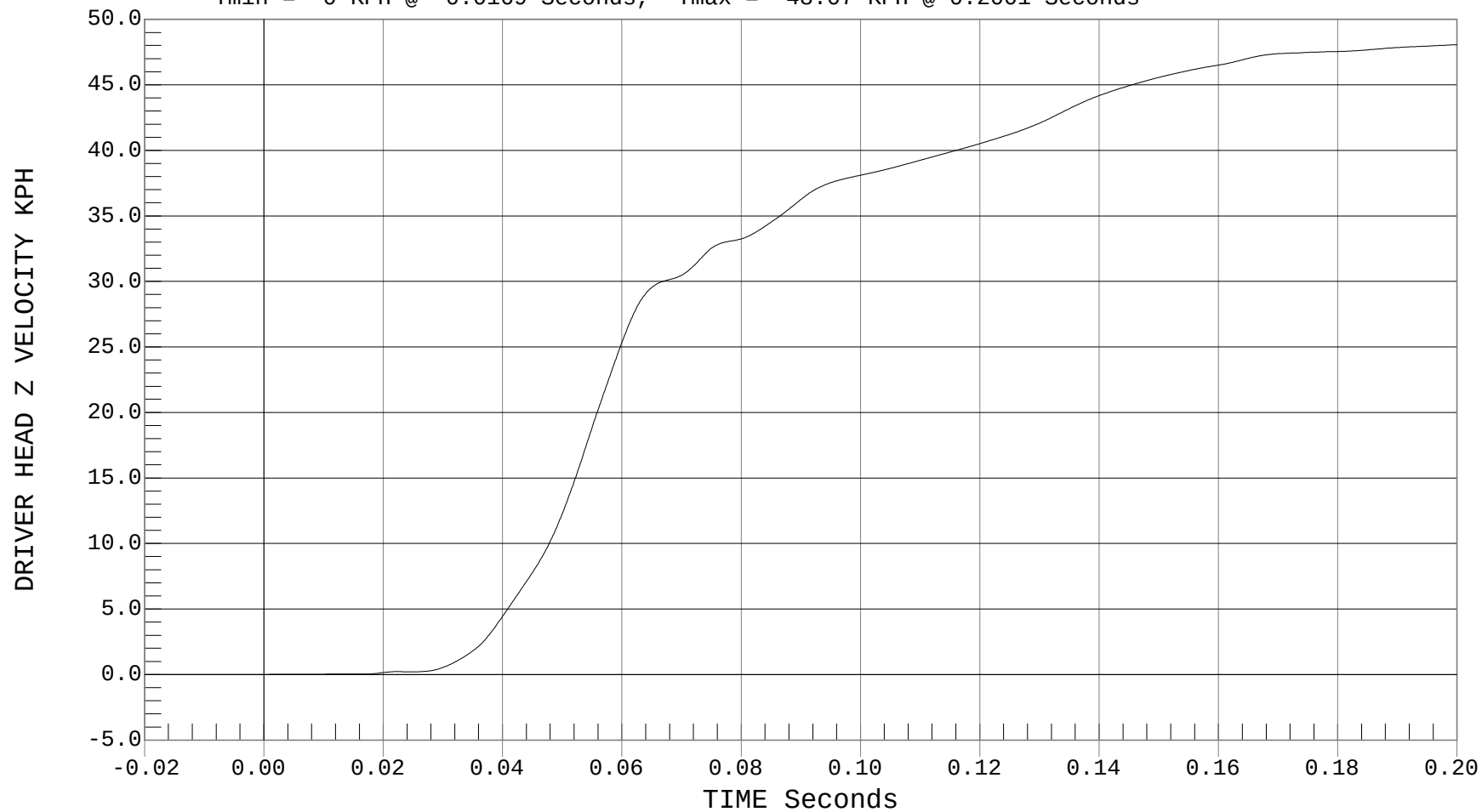
DRIVER HEAD Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER HEAD Z VELOCITY, B00091AI.V03

Ymin = 0 KPH @ -0.0169 Seconds, Ymax = 48.07 KPH @ 0.2001 Seconds





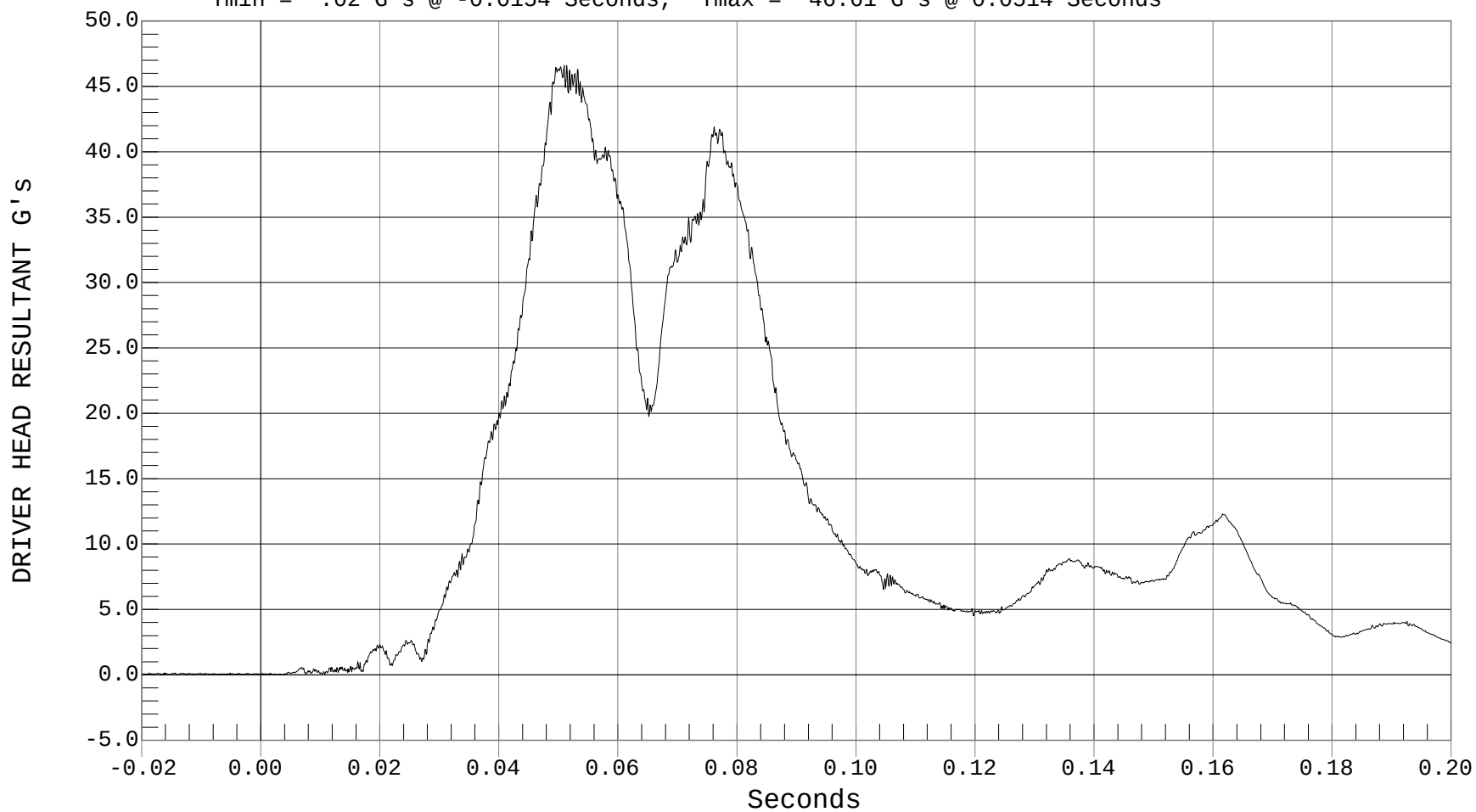
DRIVER HEAD RESULTANT ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER HEAD RESULTANT, B00091AV.A01

Ymin = .02 G's @ -0.0154 Seconds, Ymax = 46.61 G's @ 0.0514 Seconds





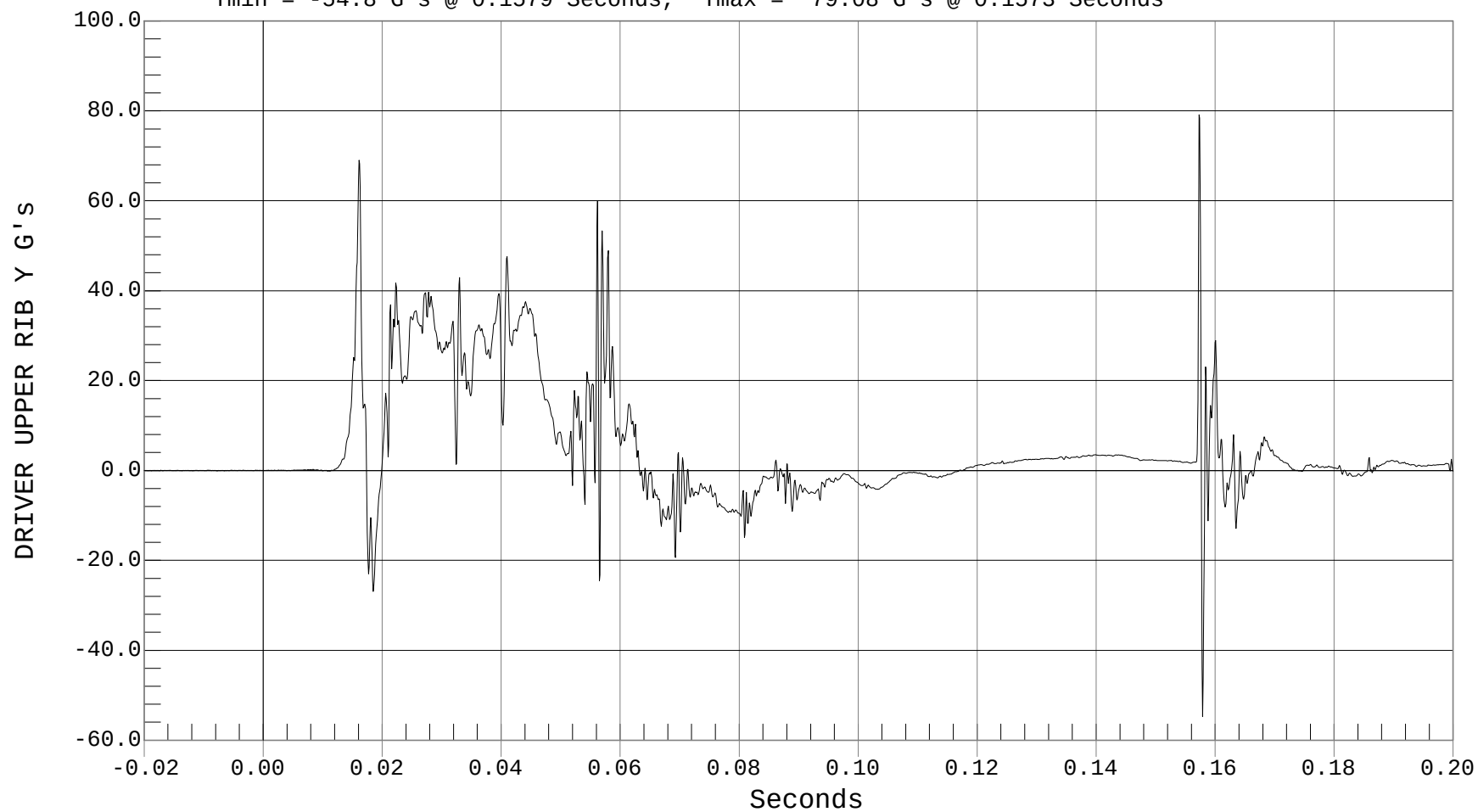
DRIVER UPPER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER UPPER RIB Y, B00091AT.A04

Ymin = -54.8 G's @ 0.1579 Seconds, Ymax = 79.08 G's @ 0.1573 Seconds





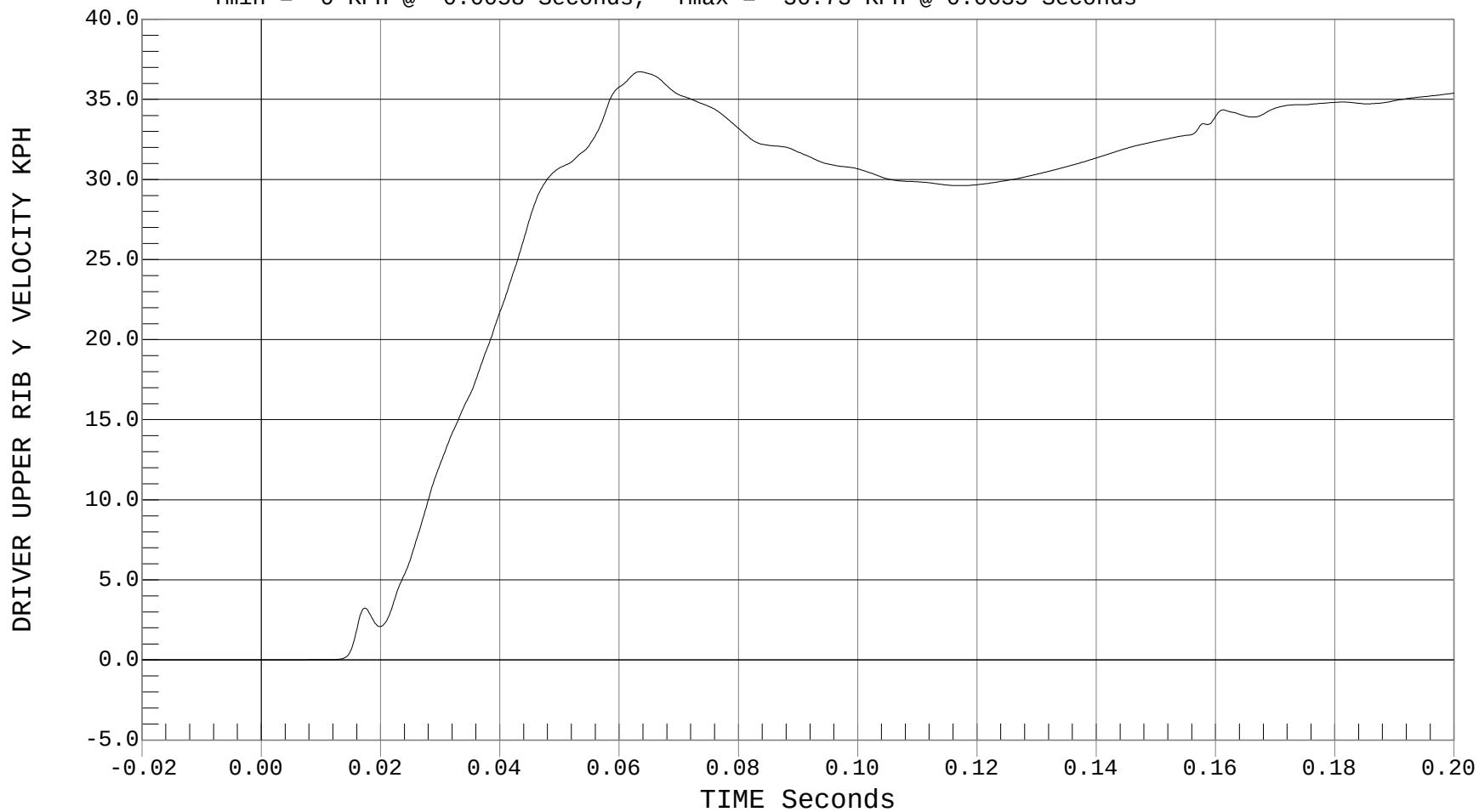
DRIVER UPPER RIB Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER UPPER RIB Y VELOCITY, B00091AI.V04

Ymin = 0 KPH @ -0.0058 Seconds, Ymax = 36.73 KPH @ 0.0635 Seconds





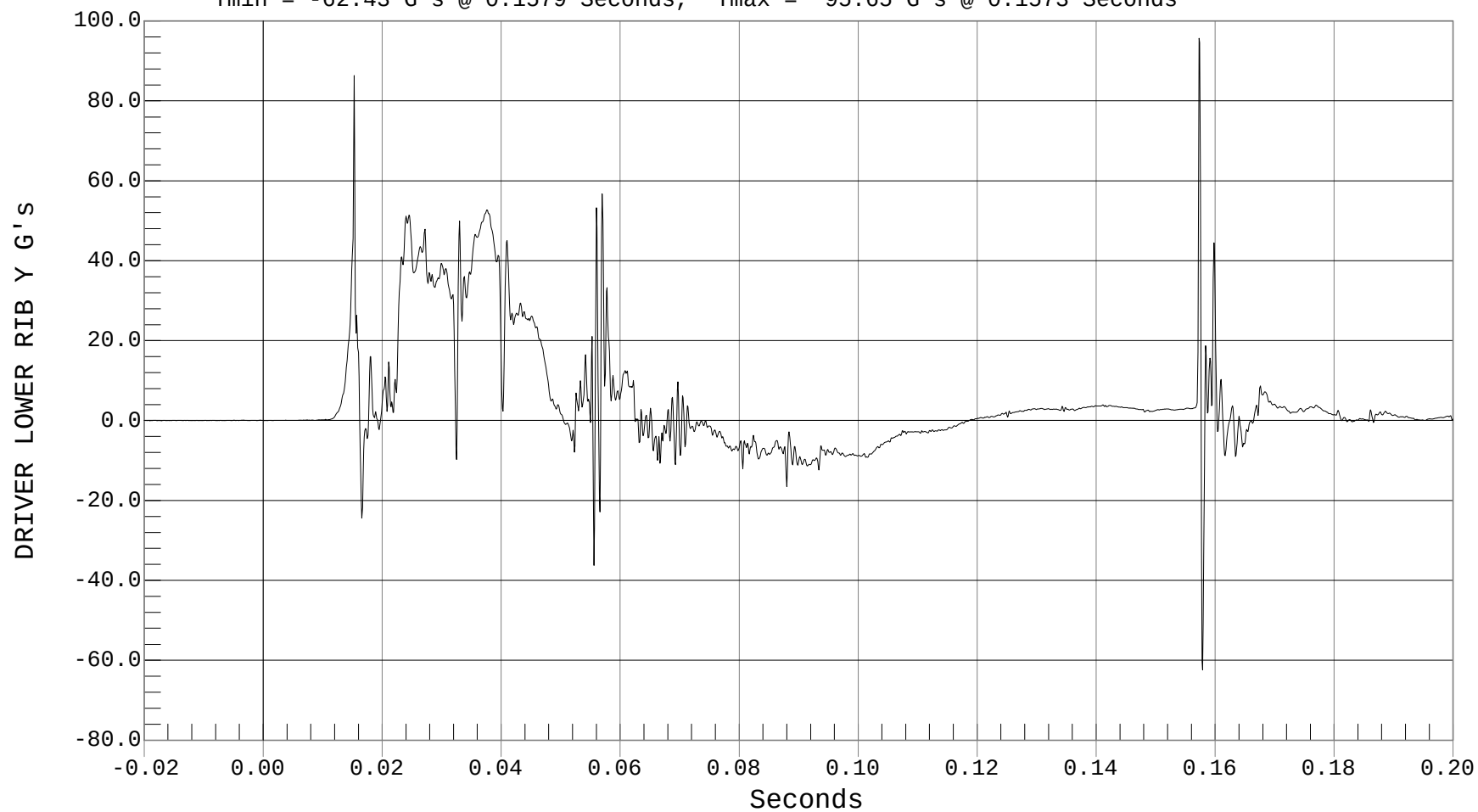
DRIVER LOWER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER LOWER RIB Y, B00091AT.A05

Ymin = -62.43 G's @ 0.1579 Seconds, Ymax = 95.65 G's @ 0.1573 Seconds





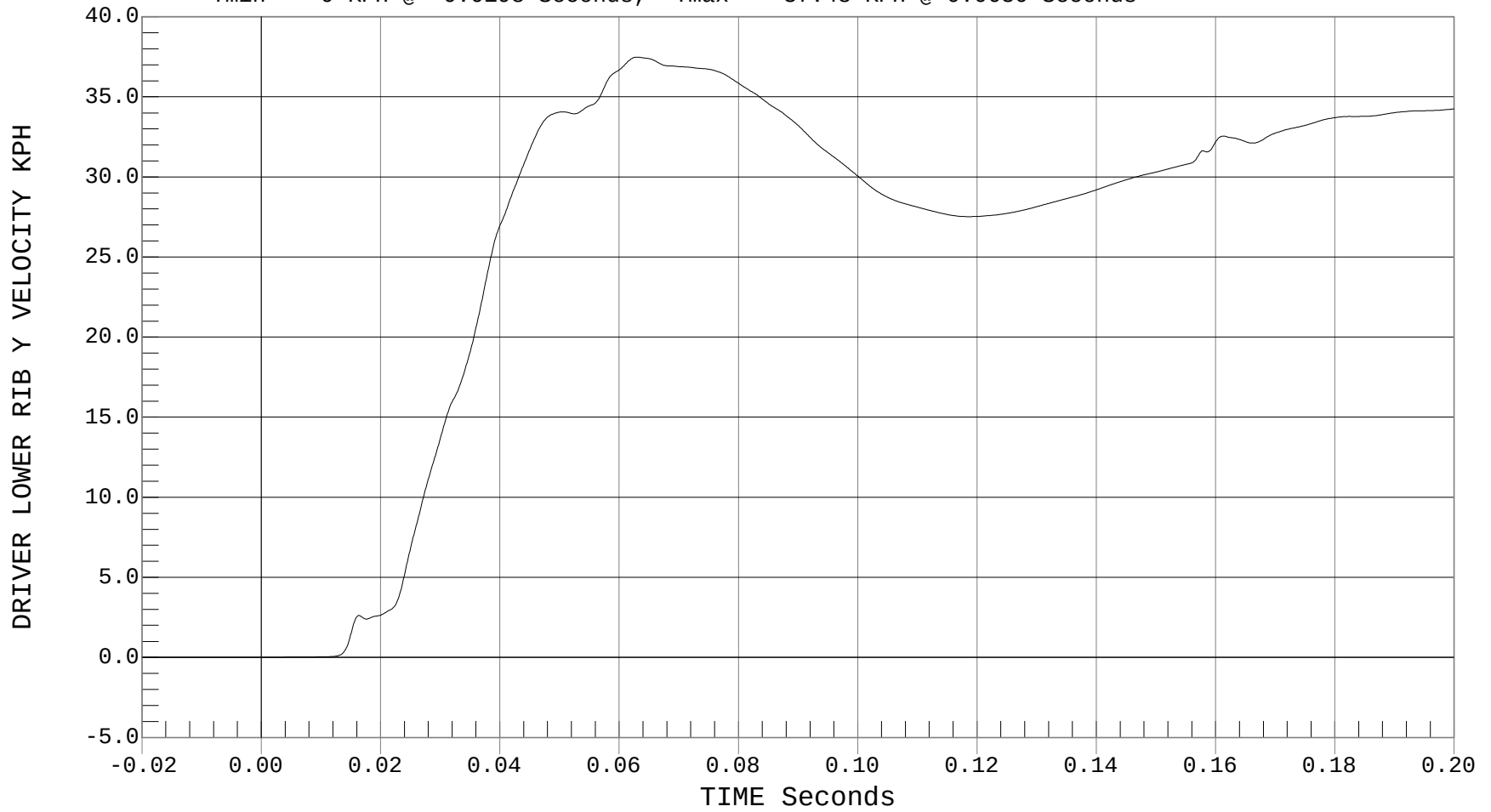
DRIVER LOWER RIB Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER LOWER RIB Y VELOCITY, B00091AI.V05

Ymin = 0 KPH @ -0.0198 Seconds, Ymax = 37.48 KPH @ 0.0630 Seconds





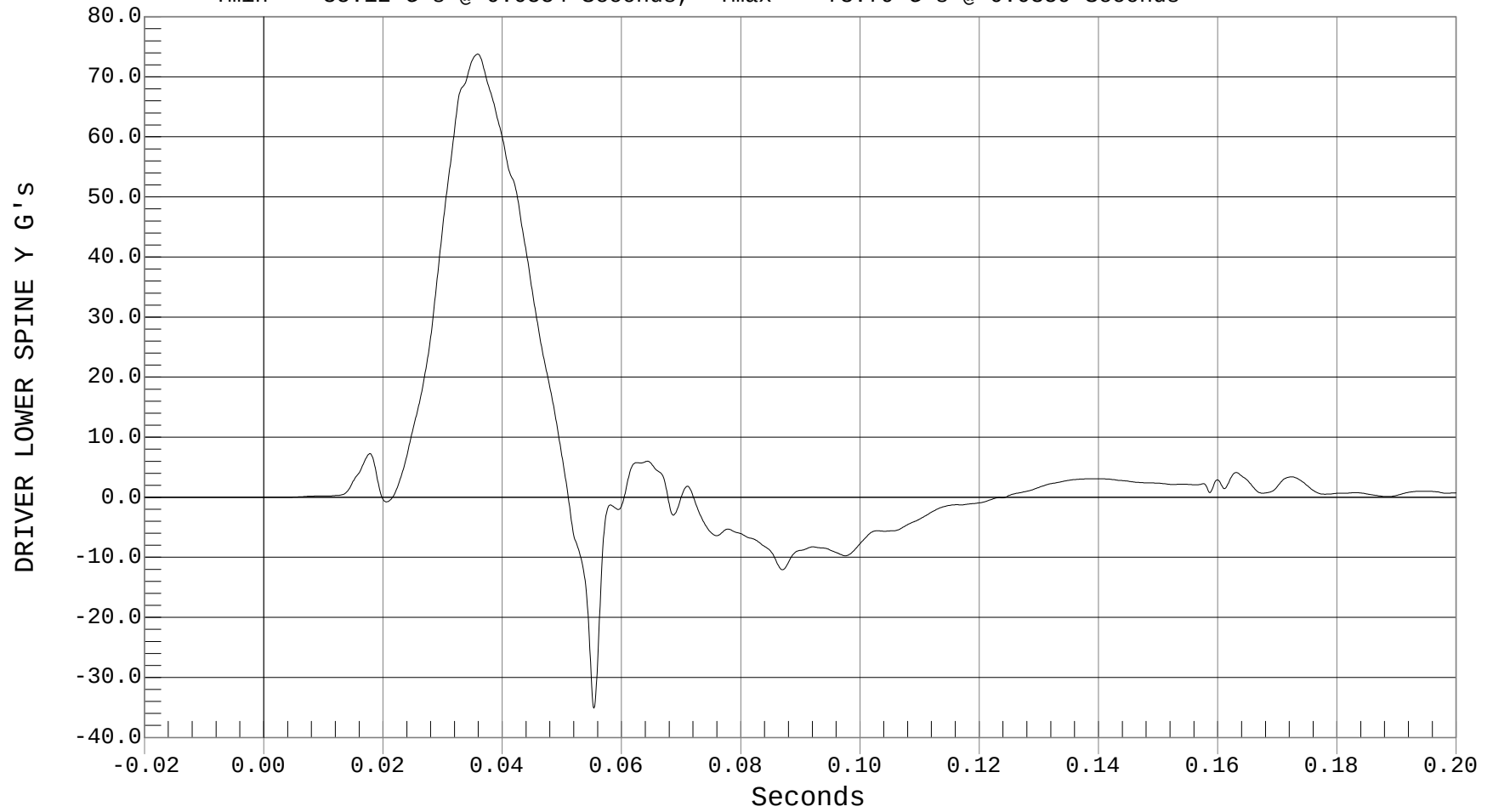
DRIVER LOWER SPINE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER LOWER SPINE Y, B00091AF.A06

Ymin = -35.12 G's @ 0.0554 Seconds, Ymax = 73.79 G's @ 0.0359 Seconds





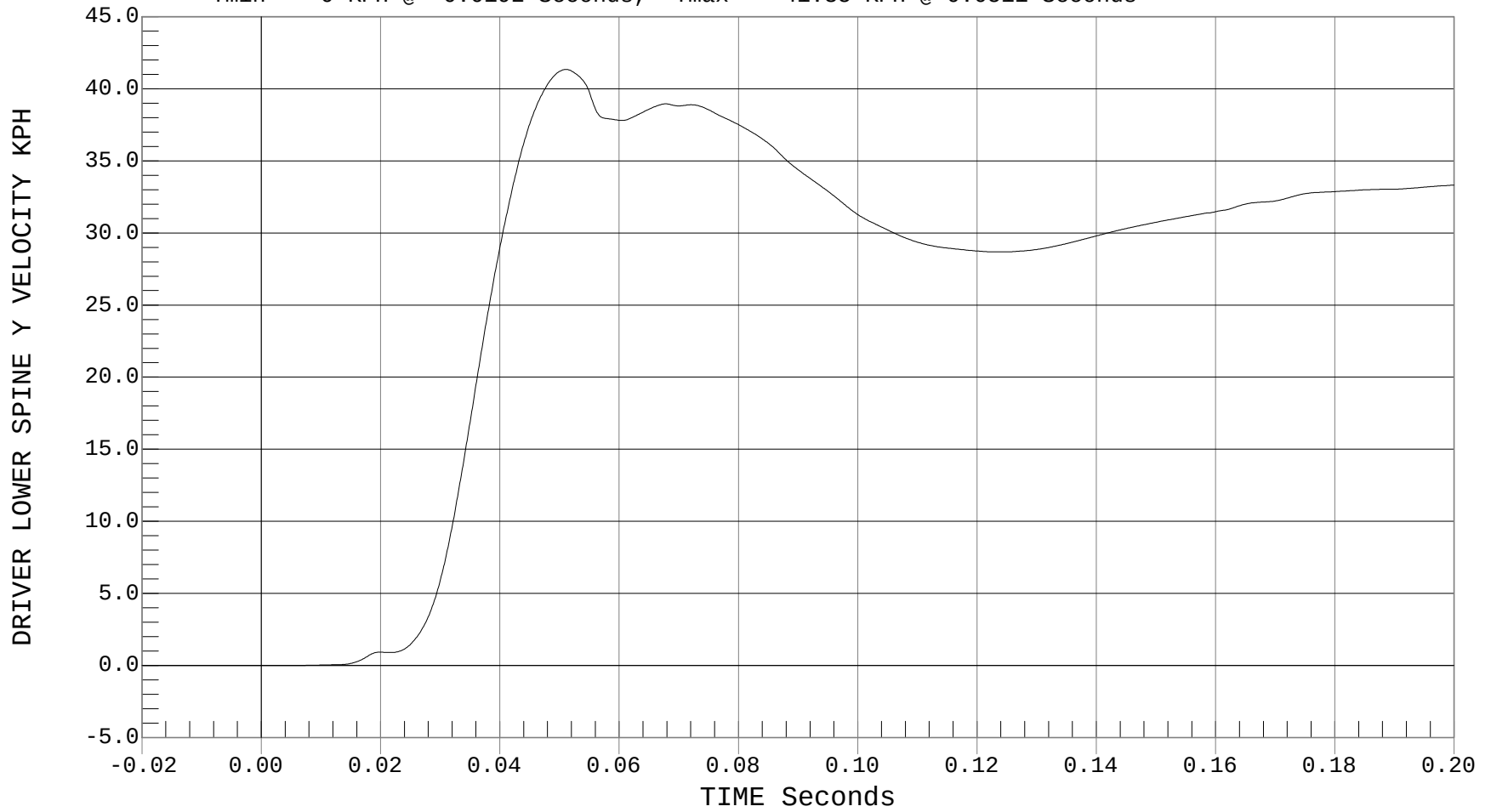
DRIVER LOWER SPINE Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER LOWER SPINE Y VELOCITY, B00091AI.V06

Ymin = 0 KPH @ -0.0192 Seconds, Ymax = 41.35 KPH @ 0.0511 Seconds





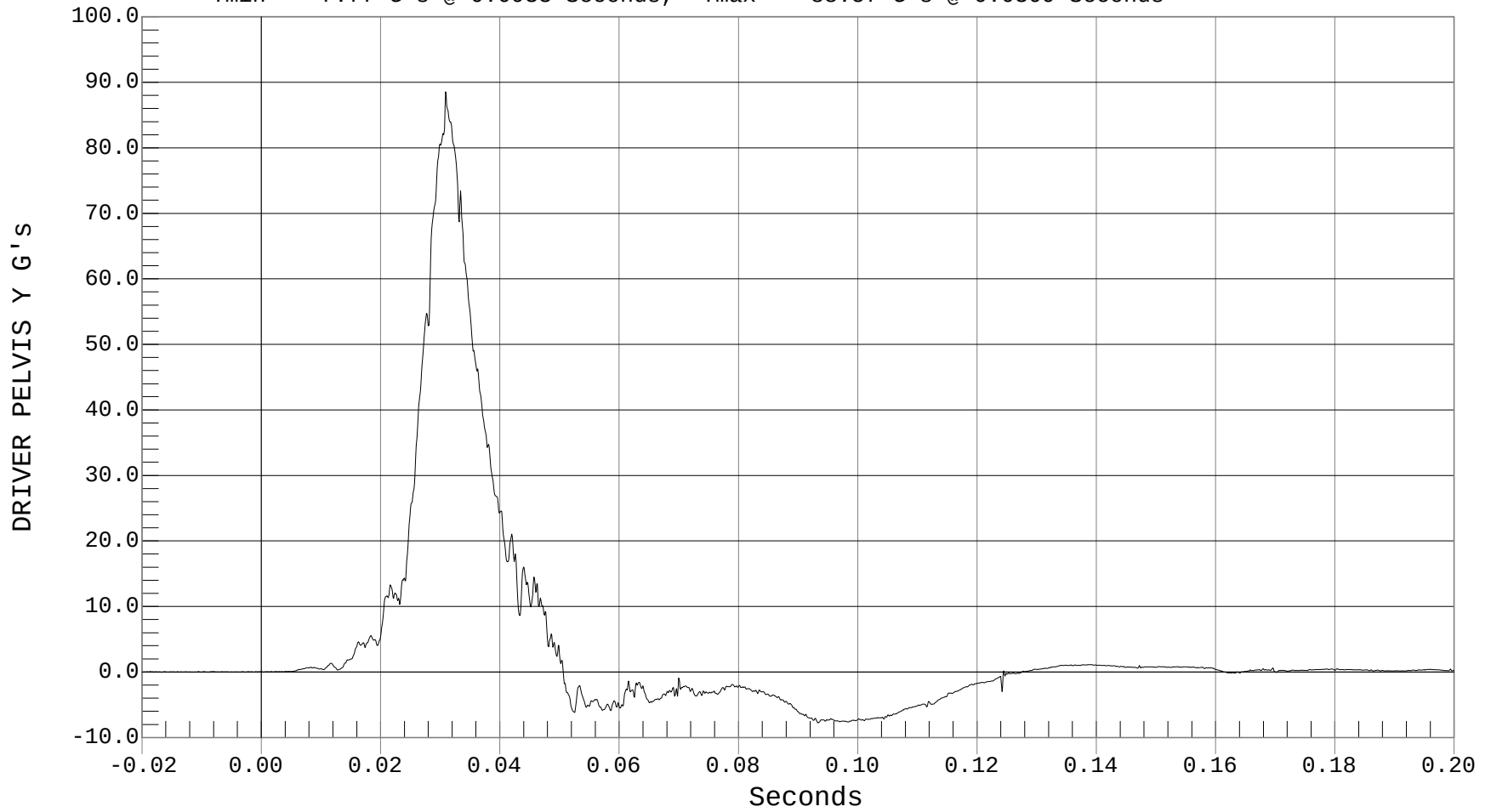
DRIVER PELVIS Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER PELVIS Y, B00091AT.A07

Ymin = -7.77 G's @ 0.0933 Seconds, Ymax = 88.57 G's @ 0.0309 Seconds





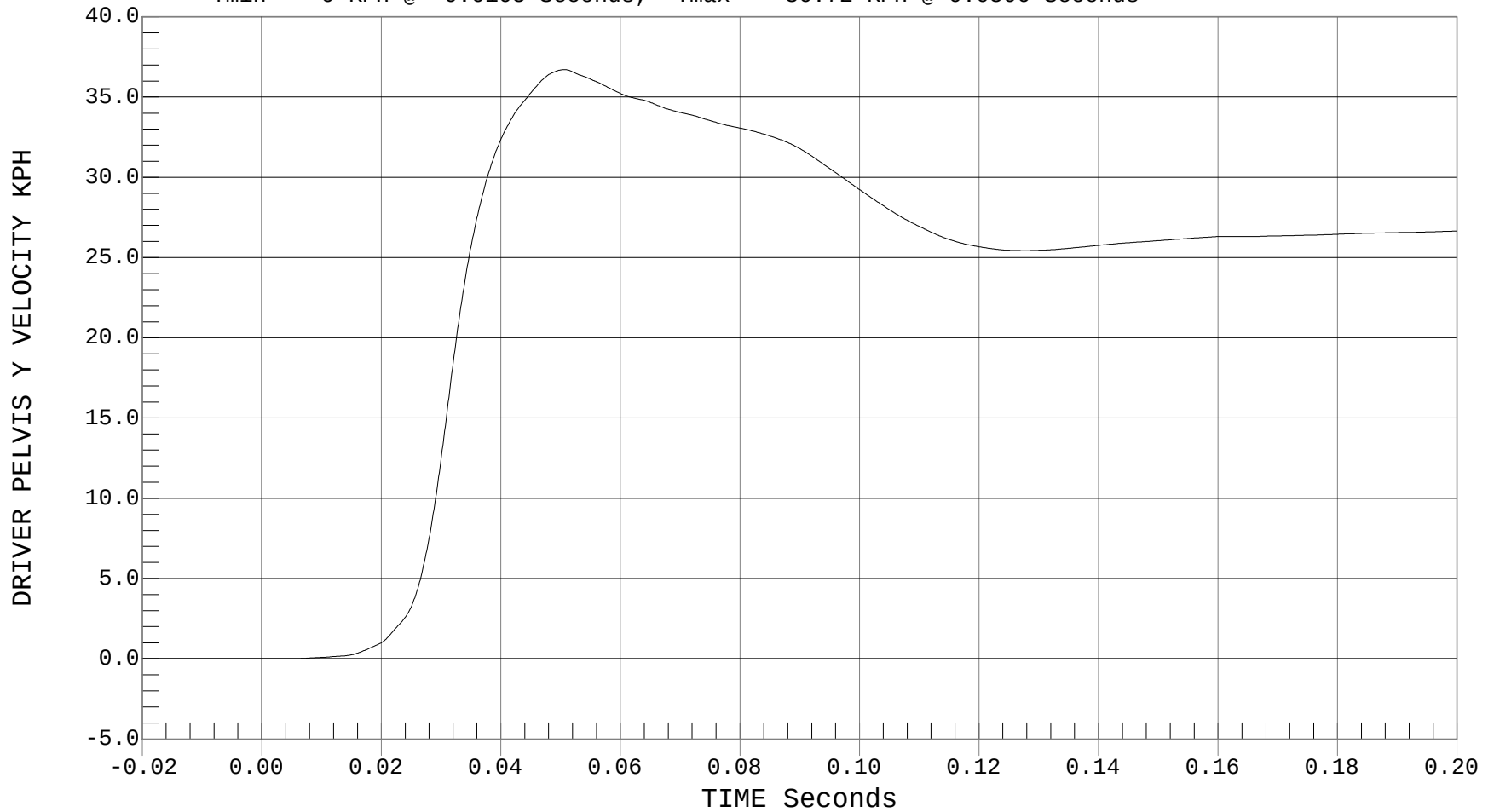
DRIVER PELVIS Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER PELVIS Y VELOCITY, B00091AI.V07

Ymin = 0 KPH @ -0.0105 Seconds, Ymax = 36.72 KPH @ 0.0506 Seconds





DRIVER PELVIS CONTACT

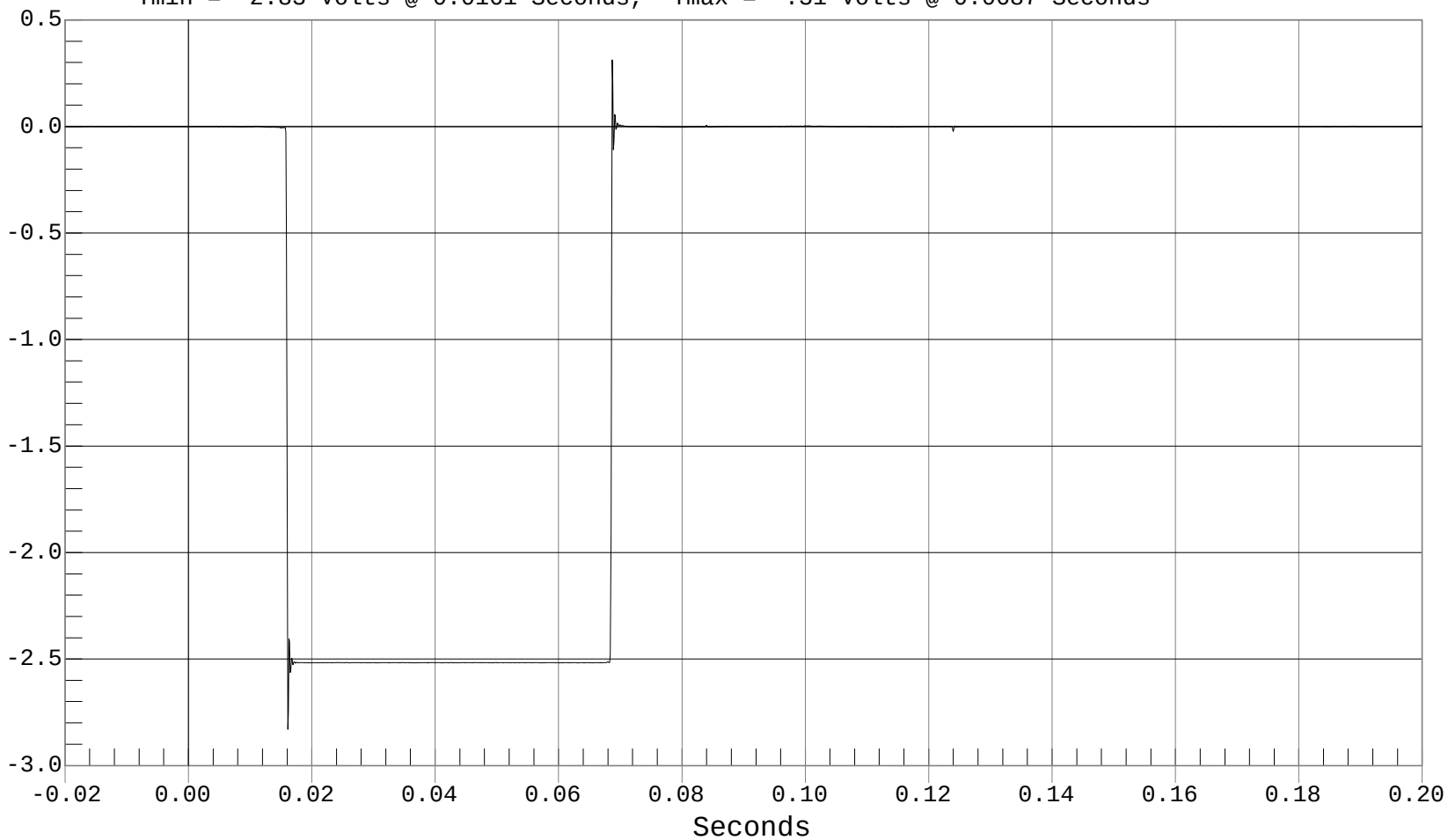
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER PELVIS CONTACT, B000910T.050

Ymin = -2.83 Volts @ 0.0161 Seconds, Ymax = .31 Volts @ 0.0687 Seconds

DRIVER PELVIS CONTACT Volts





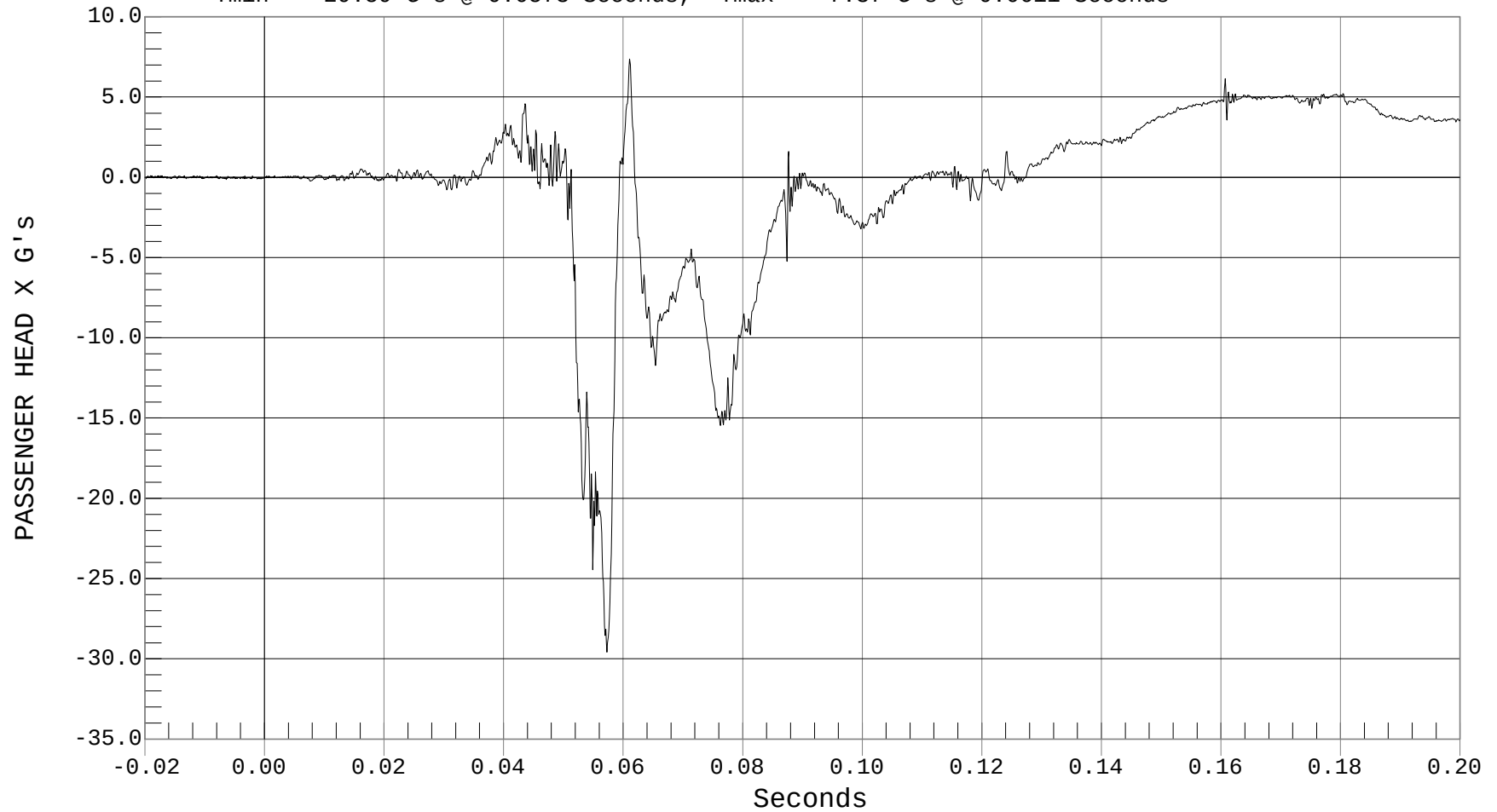
REAR PASSENGER HEAD X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER HEAD X, B00091AT.A08

Ymin = -29.59 G's @ 0.0573 Seconds, Ymax = 7.37 G's @ 0.0611 Seconds





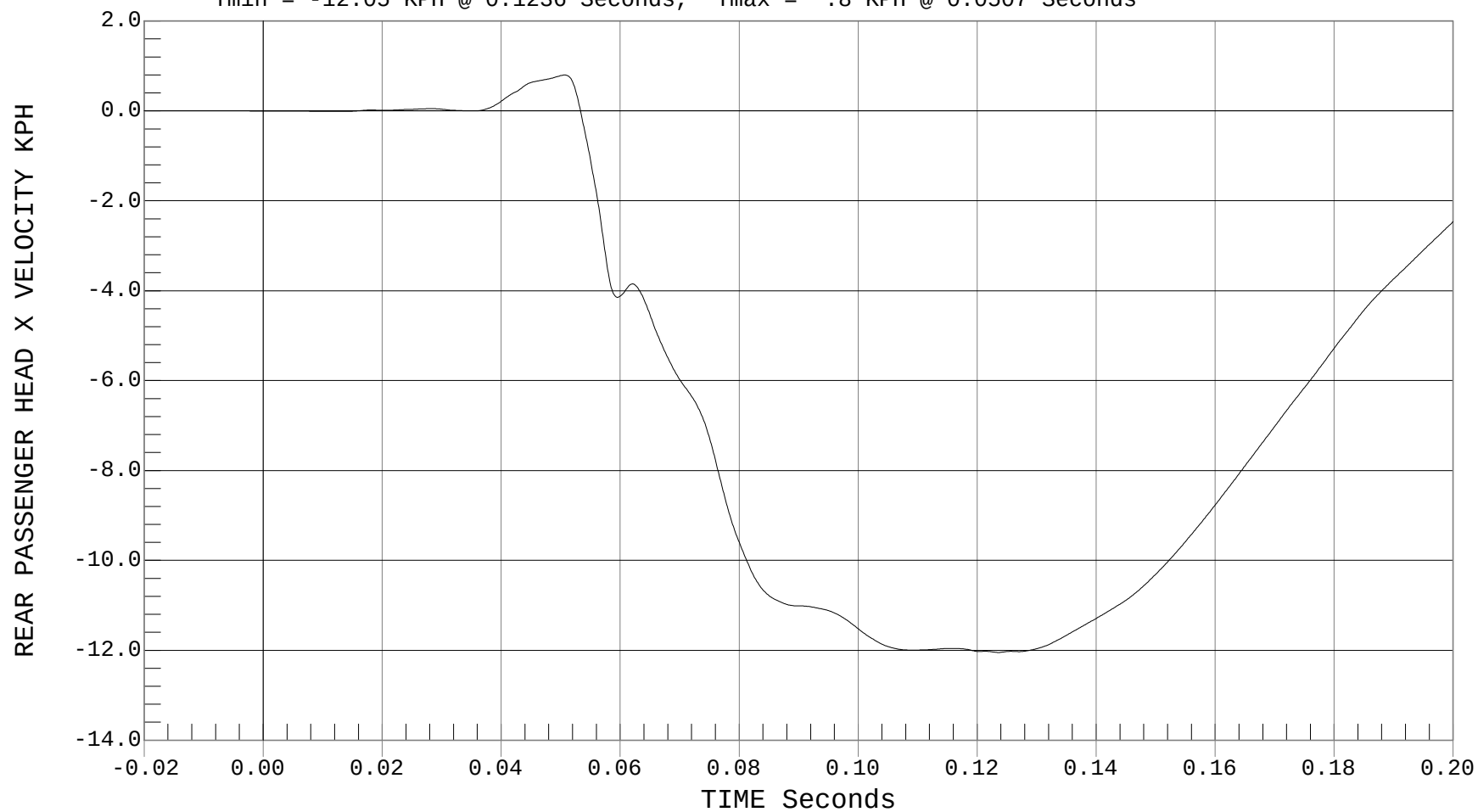
REAR PASSENGER HEAD X VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER HEAD X VELOCITY, B00091AI.V08

Ymin = -12.05 KPH @ 0.1236 Seconds, Ymax = .8 KPH @ 0.0507 Seconds





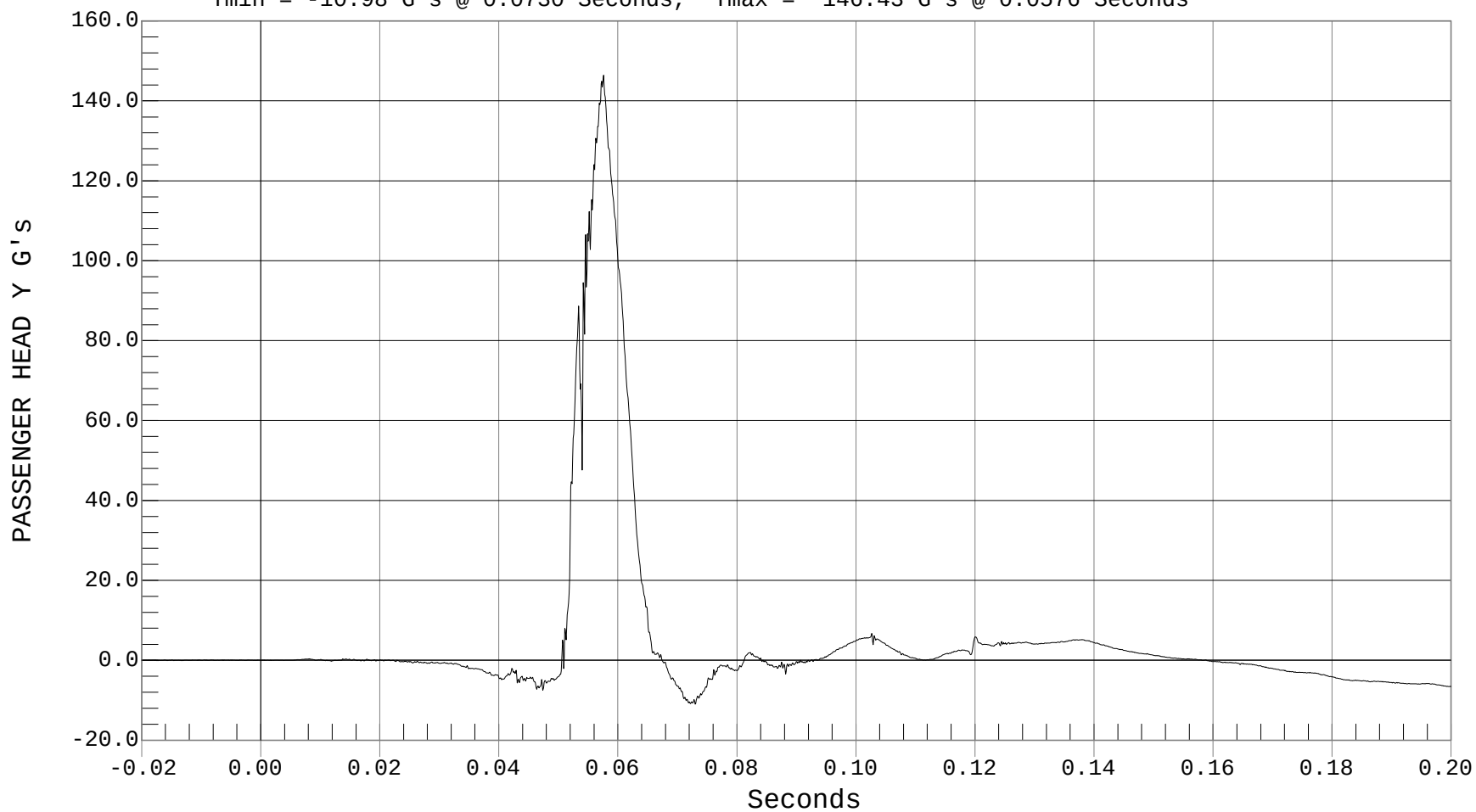
REAR PASSENGER HEAD Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER HEAD Y, B00091AT.A09

Ymin = -10.98 G's @ 0.0730 Seconds, Ymax = 146.43 G's @ 0.0576 Seconds





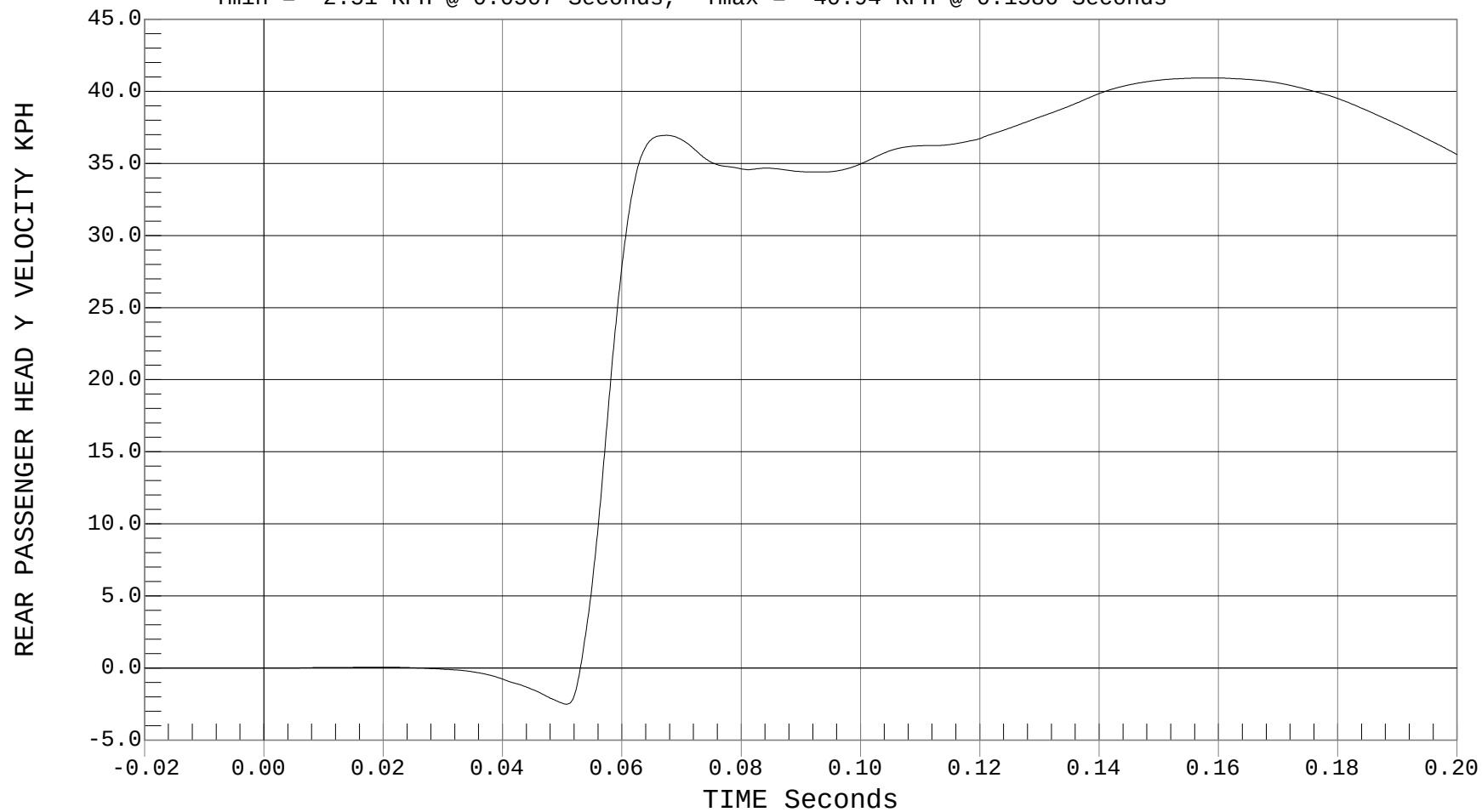
REAR PASSENGER HEAD Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER HEAD Y VELOCITY, B00091AI.V09

Ymin = -2.51 KPH @ 0.0507 Seconds, Ymax = 40.94 KPH @ 0.1586 Seconds





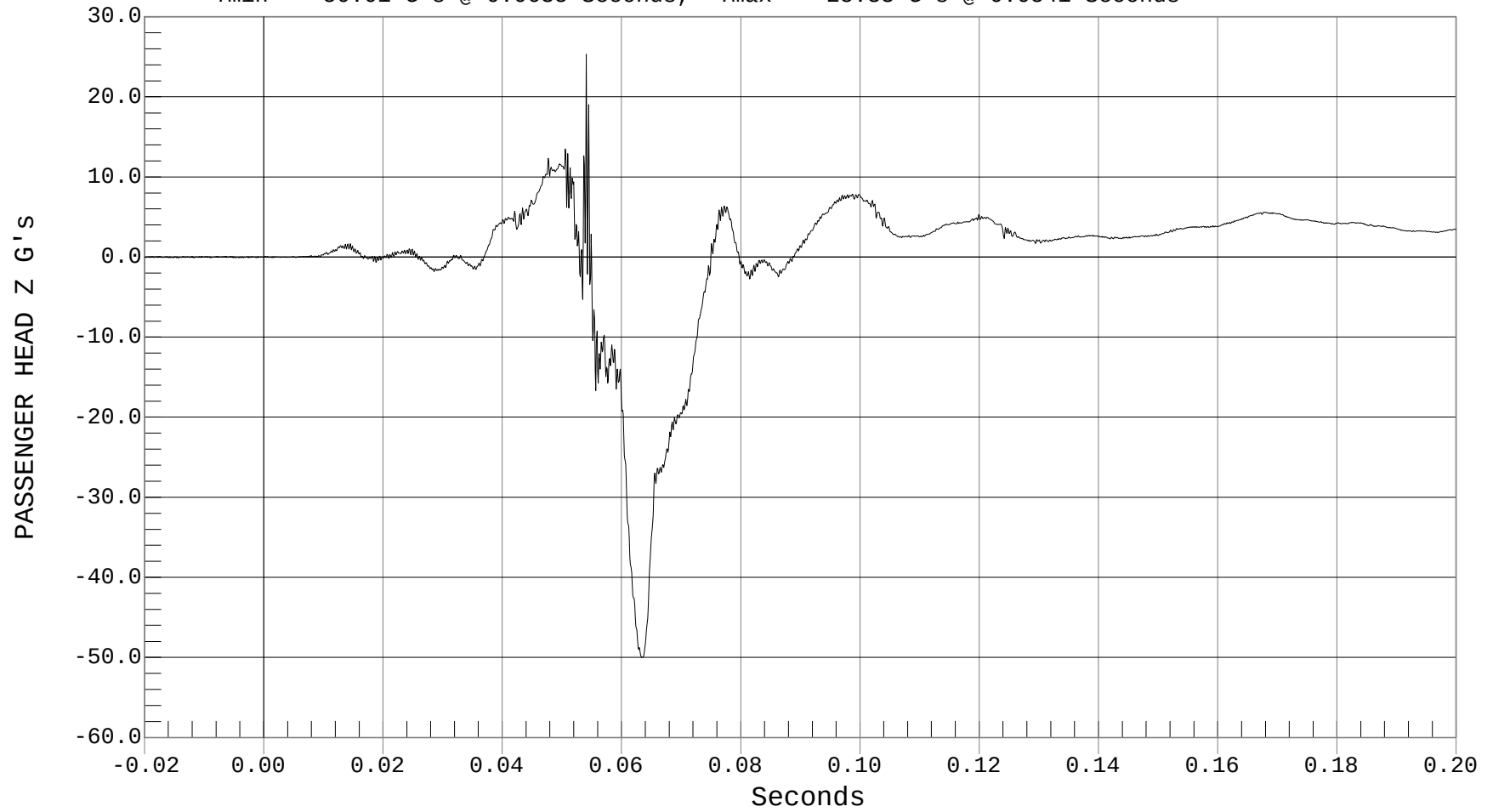
REAR PASSENGER HEAD Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER HEAD Z, B00091AT.A10

Ymin = -50.01 G's @ 0.0635 Seconds, Ymax = 25.33 G's @ 0.0541 Seconds





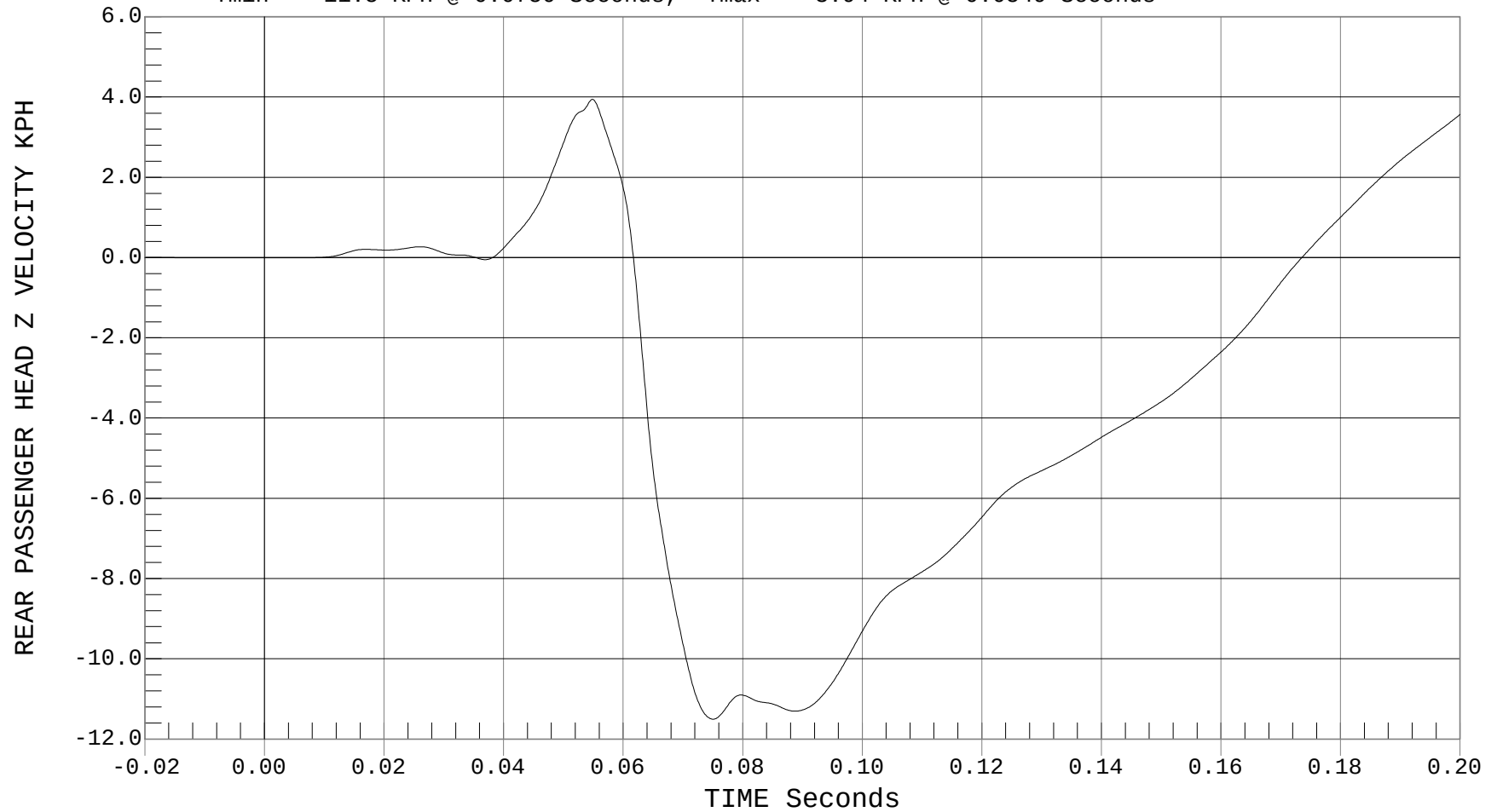
REAR PASSENGER HEAD Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER HEAD Z VELOCITY, B00091AI.V10

Ymin = -11.5 KPH @ 0.0750 Seconds, Ymax = 3.94 KPH @ 0.0549 Seconds





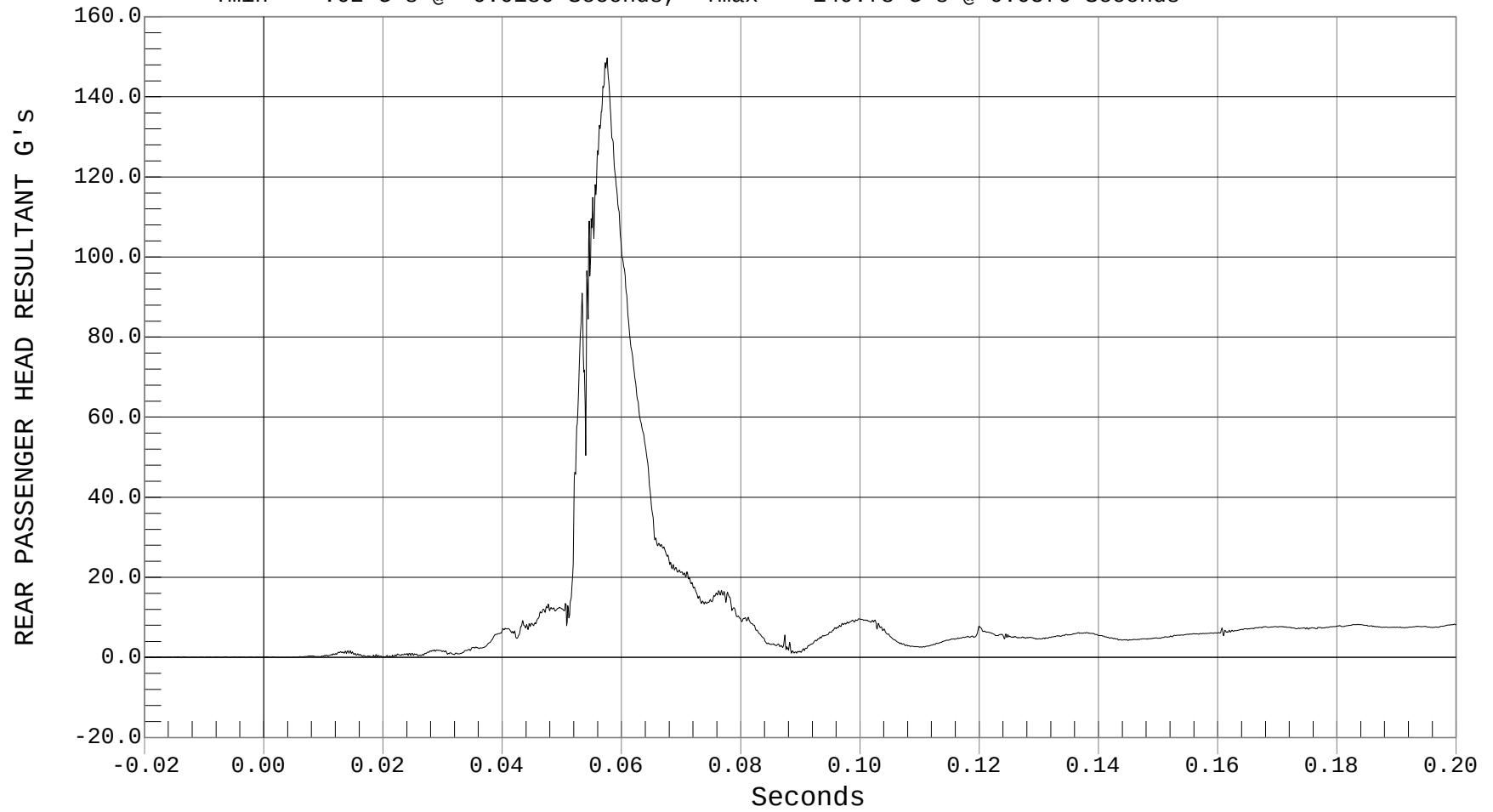
REAR PASSENGER HEAD RESULTANT ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 REAR PASSENGER HEAD RESULTANT, B00091AV.A08

Ymin = .02 G's @ -0.0180 Seconds, Ymax = 149.78 G's @ 0.0576 Seconds





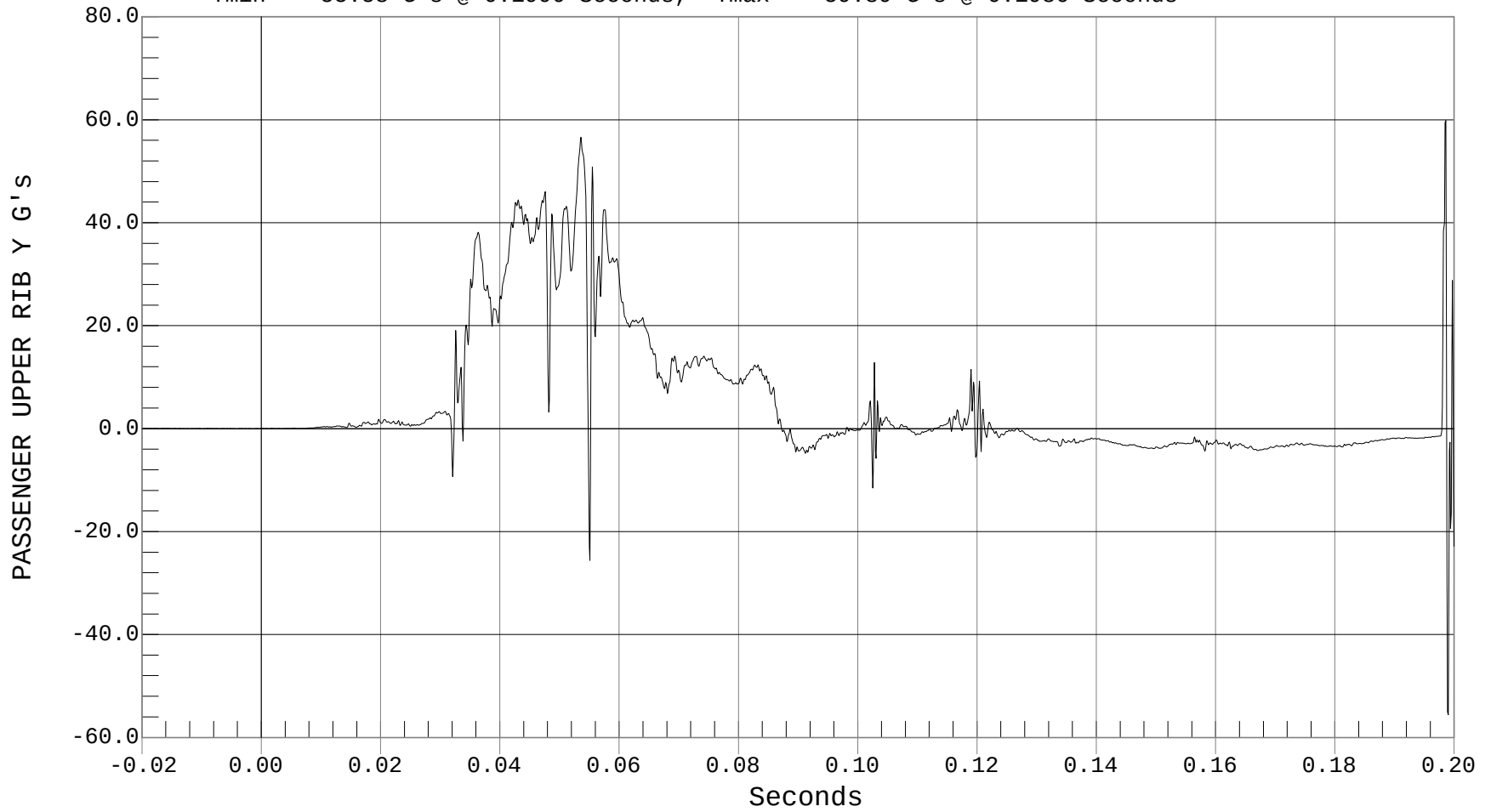
REAR PASSENGER UPPER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER UPPER RIB Y, B00091AT.A11

Ymin = -55.58 G's @ 0.1990 Seconds, Ymax = 59.89 G's @ 0.1986 Seconds





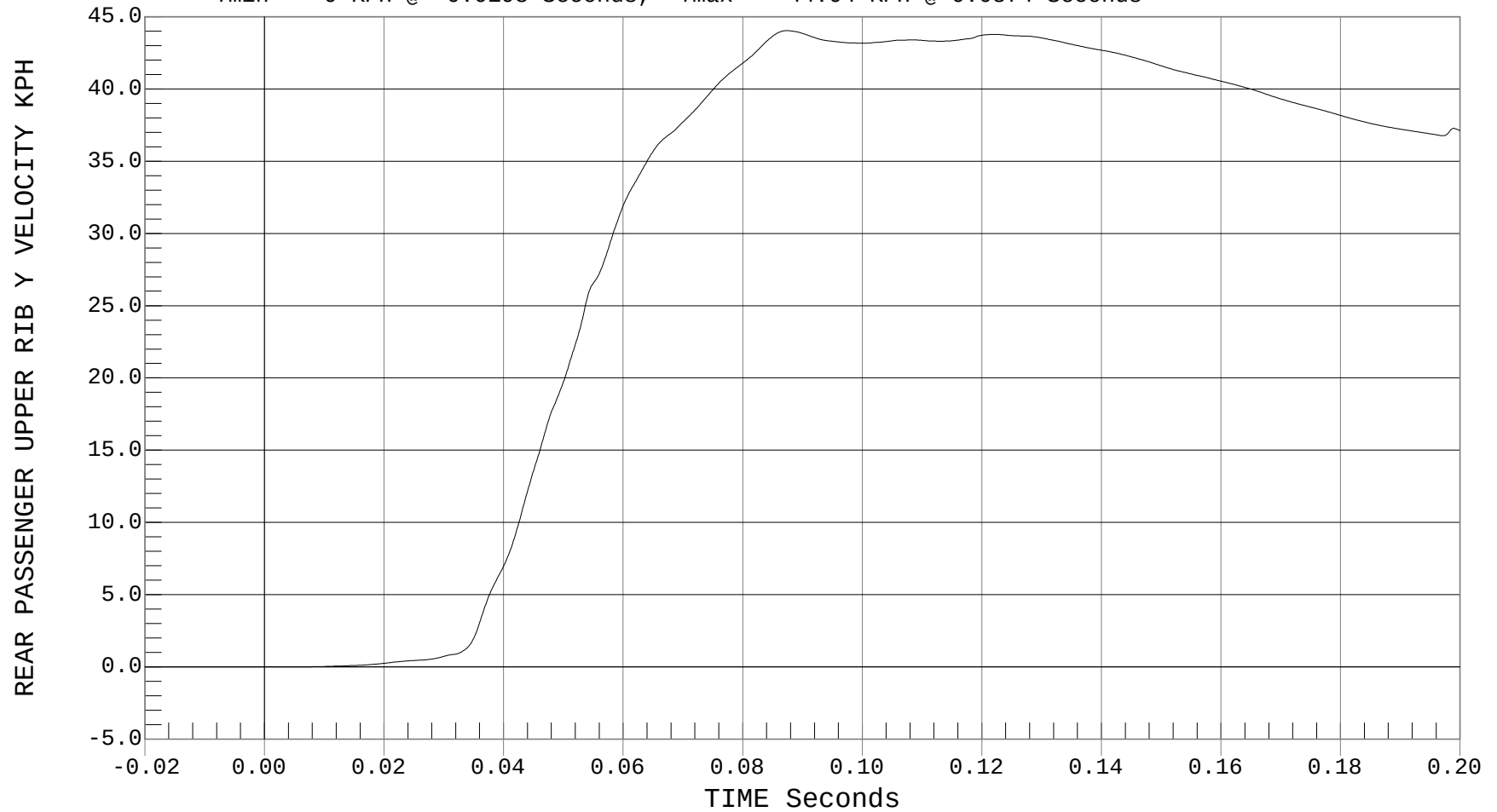
REAR PASSENGER UPPER RIB Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER UPPER RIB Y VELOCITY, B00091AI.V11

Ymin = 0 KPH @ -0.0198 Seconds, Ymax = 44.04 KPH @ 0.0874 Seconds





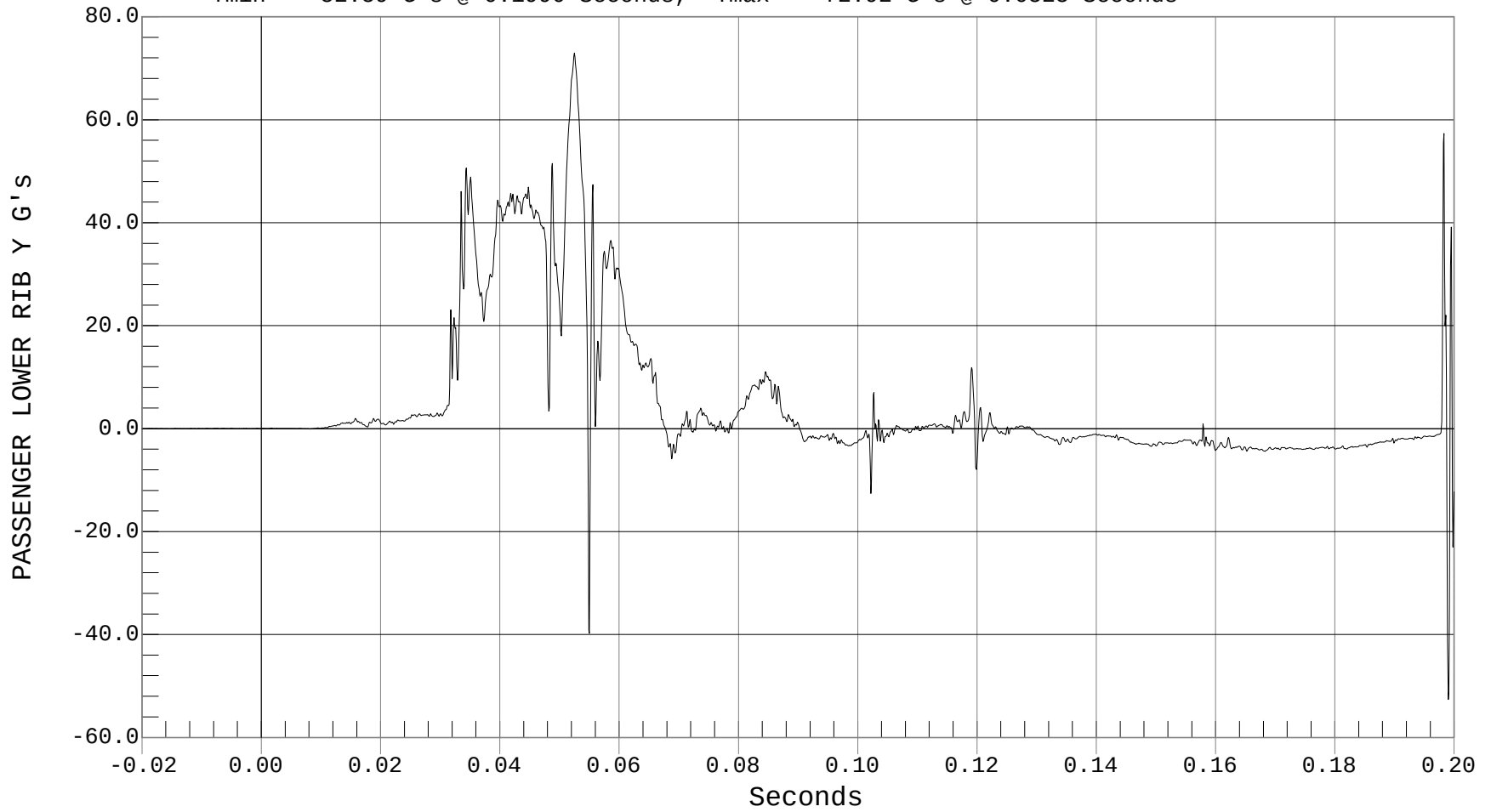
REAR PASSENGER LOWER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER LOWER RIB Y, B00091AT.A12

Ymin = -52.59 G's @ 0.1990 Seconds, Ymax = 72.92 G's @ 0.0525 Seconds





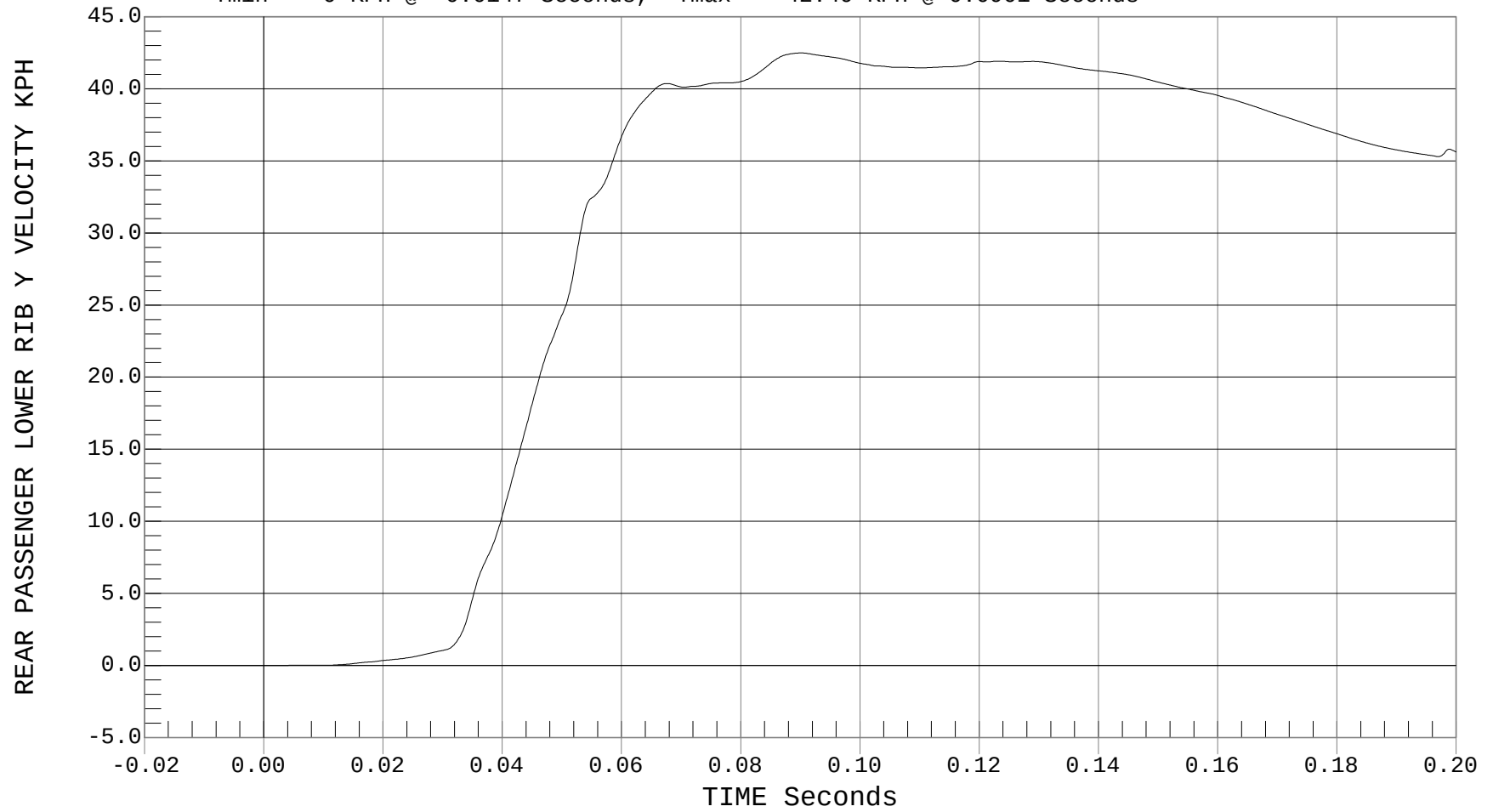
REAR PASSENGER LOWER RIB Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER LOWER RIB Y VELOCITY, B00091AI.V12

Ymin = 0 KPH @ -0.0147 Seconds, Ymax = 42.49 KPH @ 0.0901 Seconds





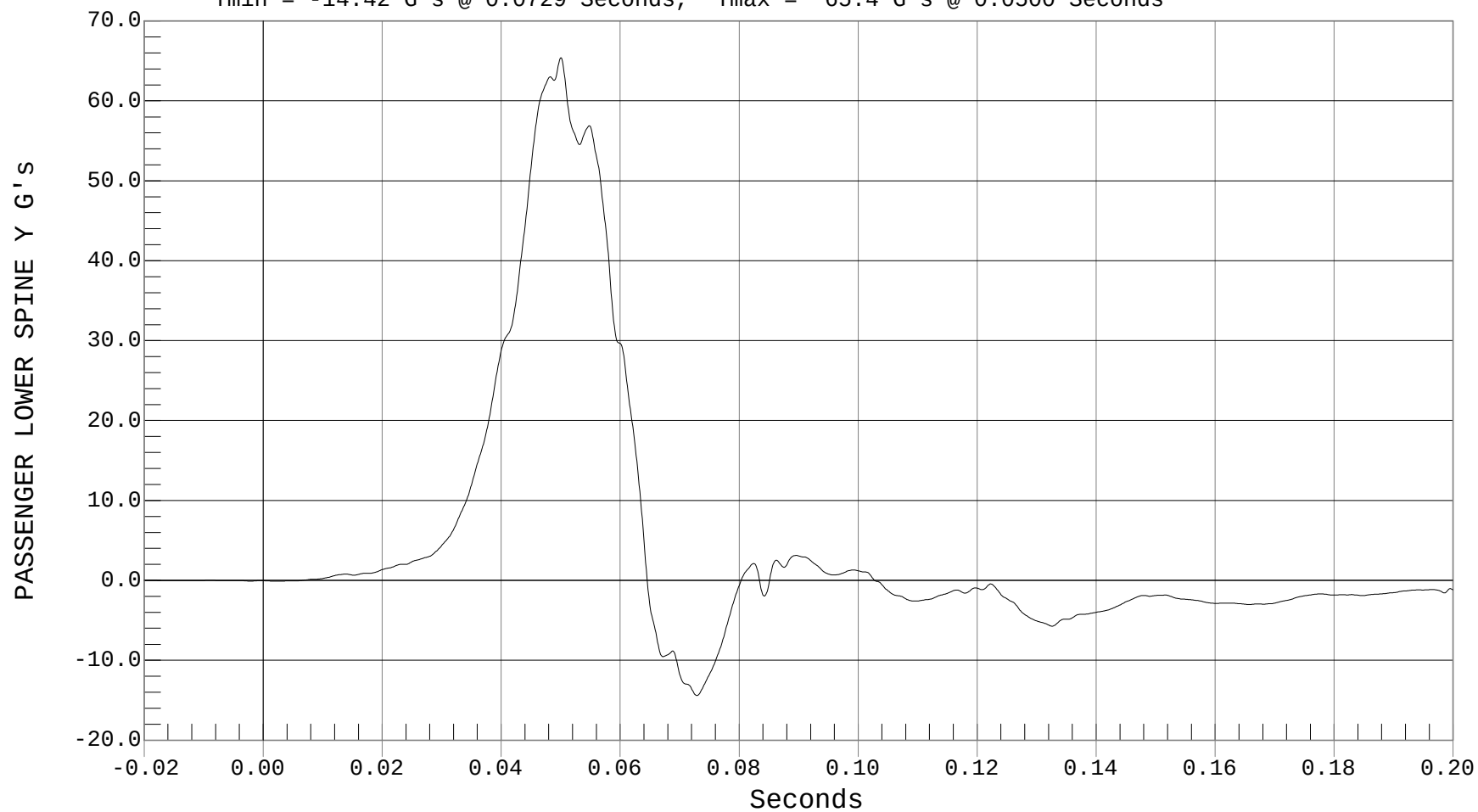
REAR PASSENGER LOWER SPINE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 PASSENGER LOWER SPINE Y, B00091AF.A13

Ymin = -14.42 G's @ 0.0729 Seconds, Ymax = 65.4 G's @ 0.0500 Seconds





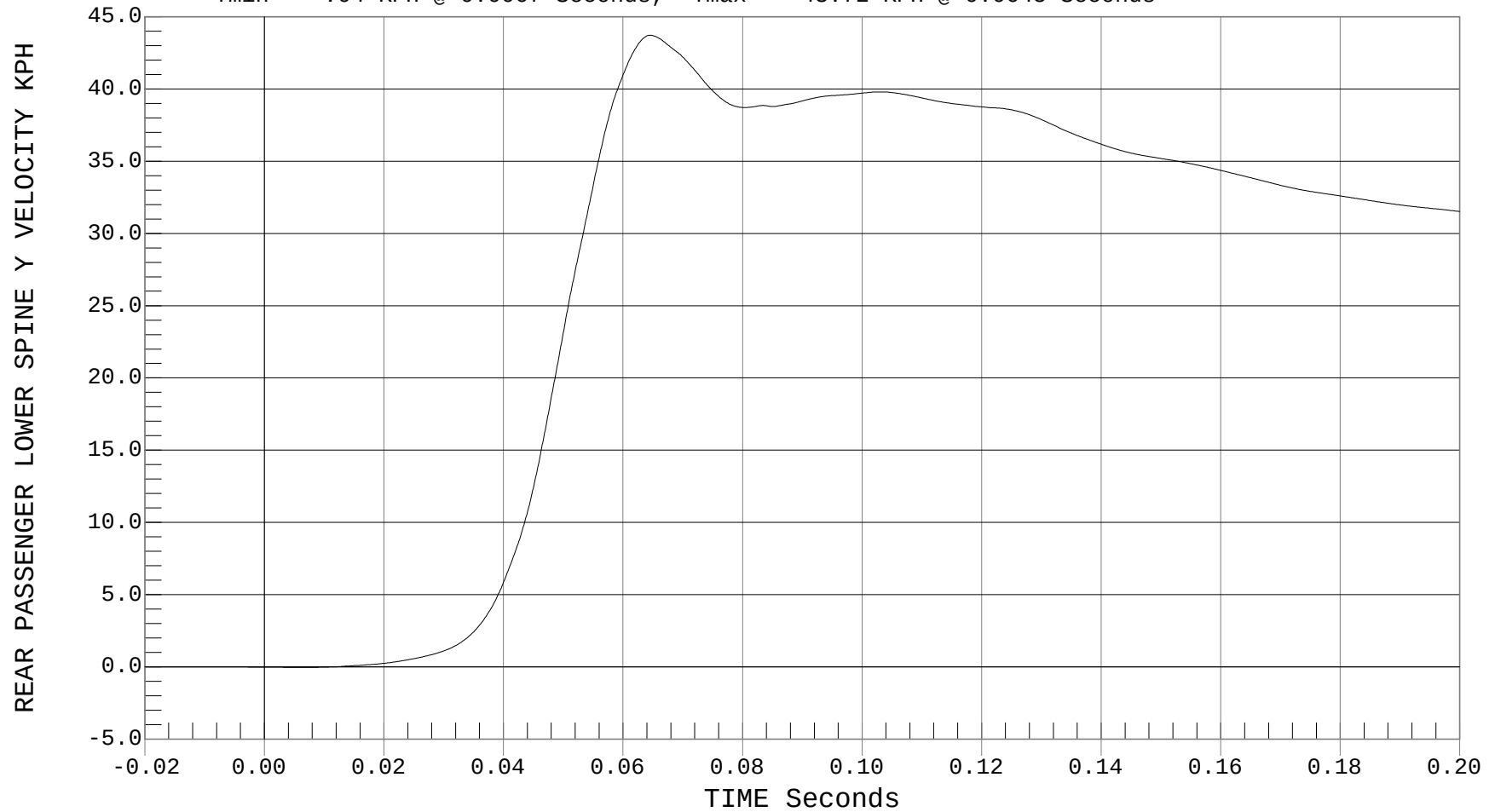
REAR PASSENGER LOWER SPINE Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER LOWER SPINE Y VELOCITY, B00091AI.V13

Ymin = -.04 KPH @ 0.0067 Seconds, Ymax = 43.72 KPH @ 0.0645 Seconds





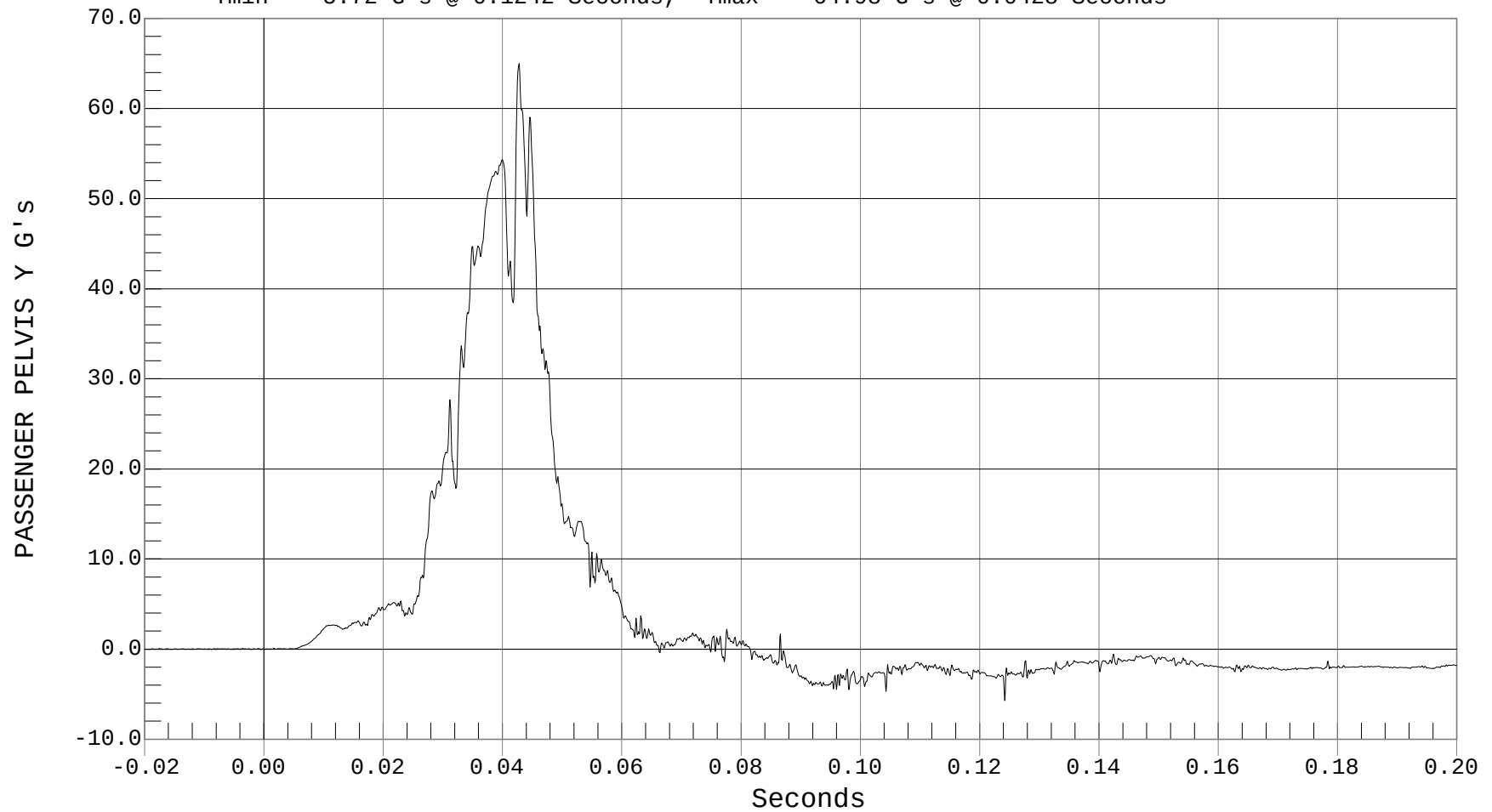
REAR PASSENGER PELVIS Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER PELVIS Y, B00091AT.A14

Ymin = -5.72 G's @ 0.1242 Seconds, Ymax = 64.98 G's @ 0.0428 Seconds





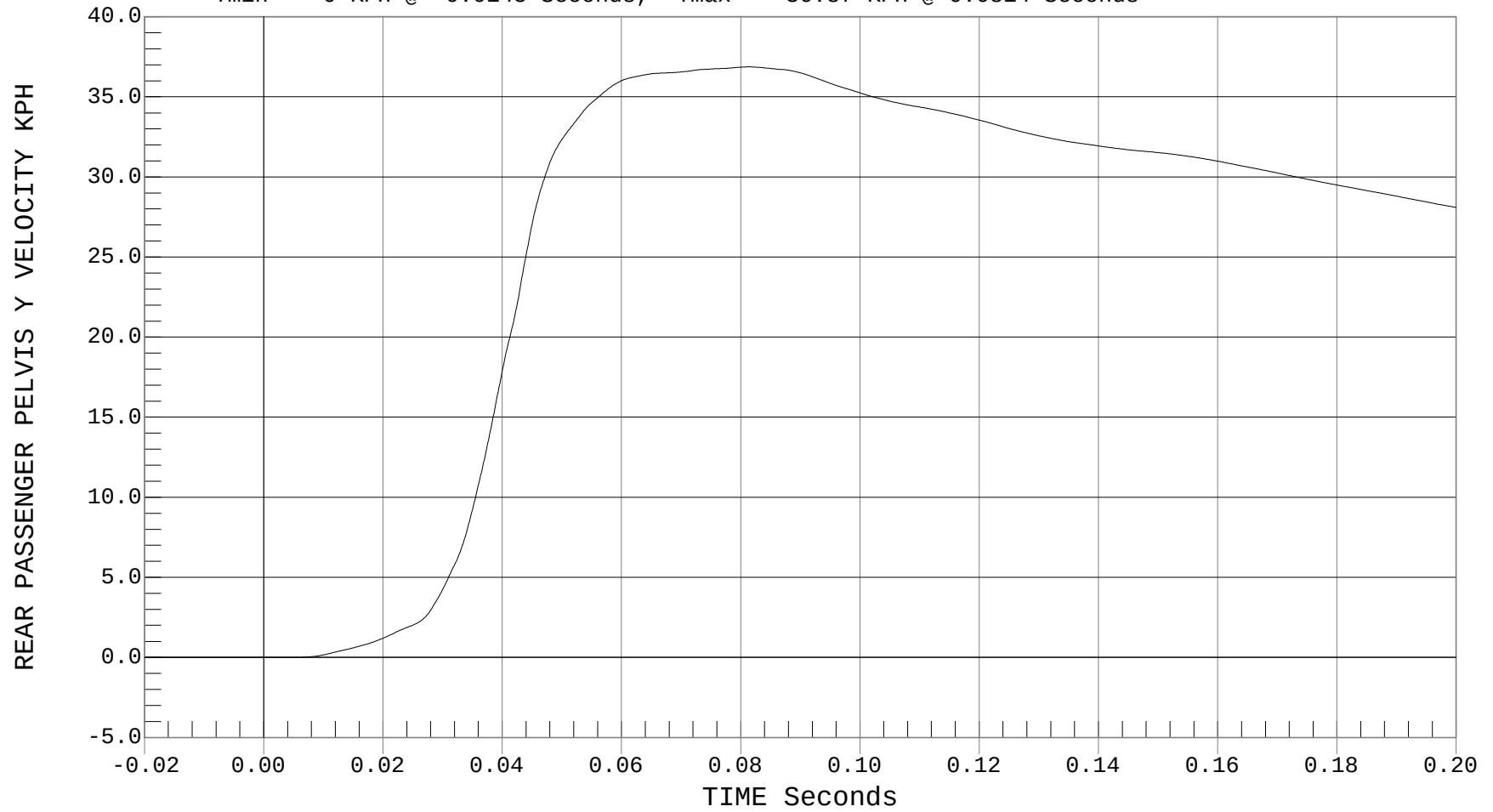
REAR PASSENGER PELVIS Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER PELVIS Y VELOCITY, B00091AI.V14

Ymin = 0 KPH @ -0.0145 Seconds, Ymax = 36.87 KPH @ 0.0814 Seconds



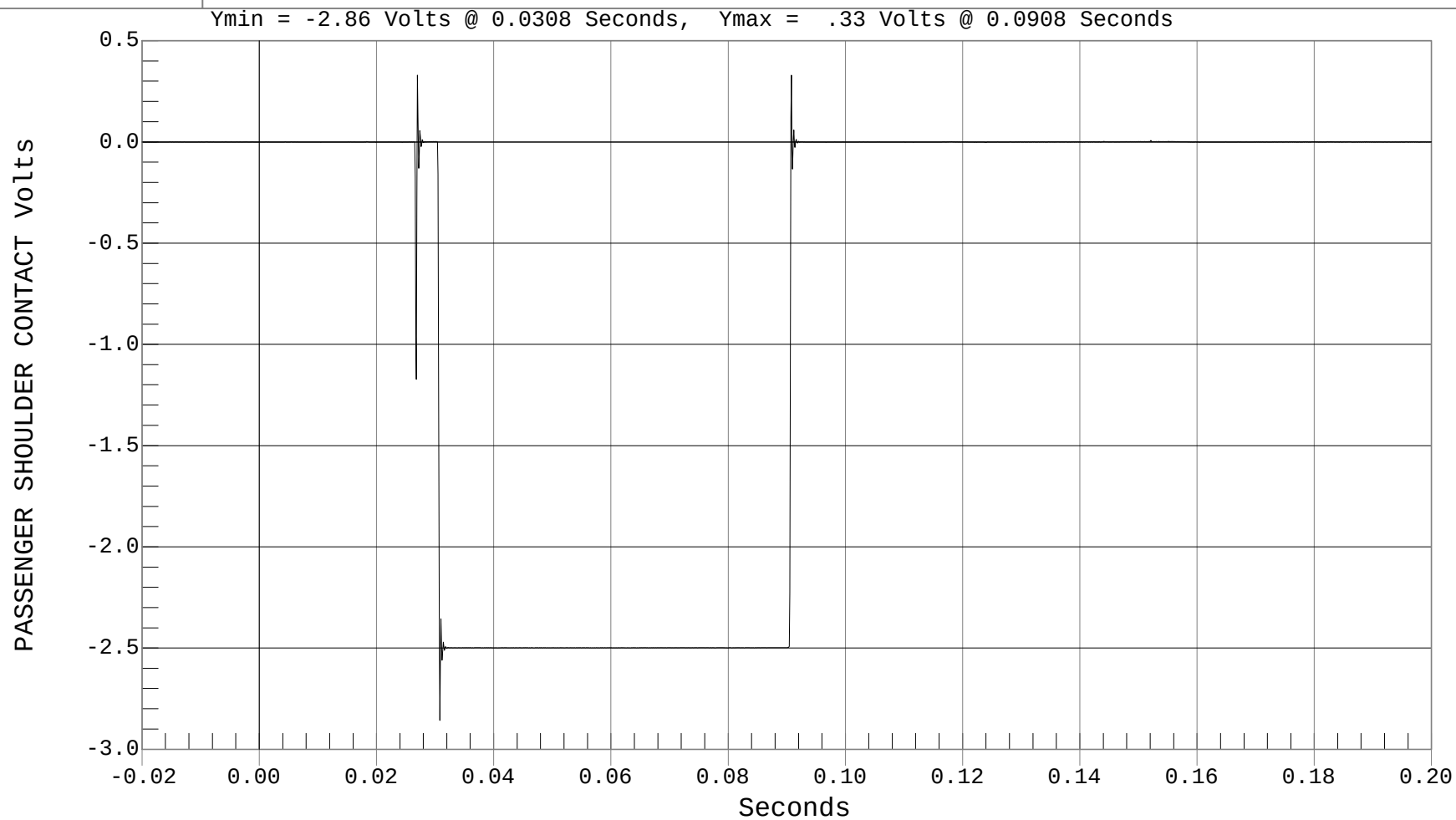


REAR PASSENGER SHOULDER CONTACT

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER SHOULDER CONTACT, B000910T.051



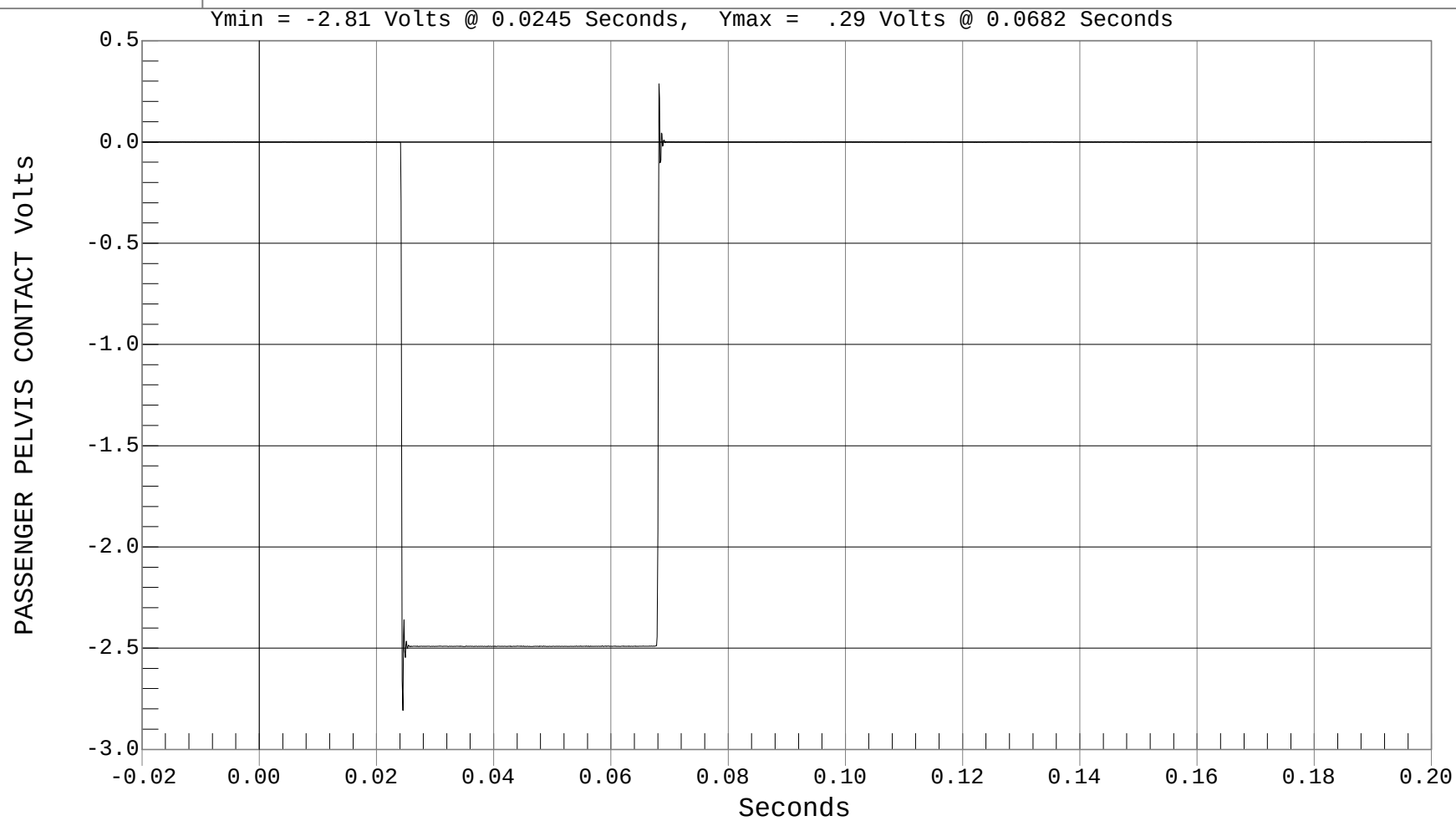


REAR PASSENGER PELVIS CONTACT

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER PELVIS CONTACT, B000910T.052





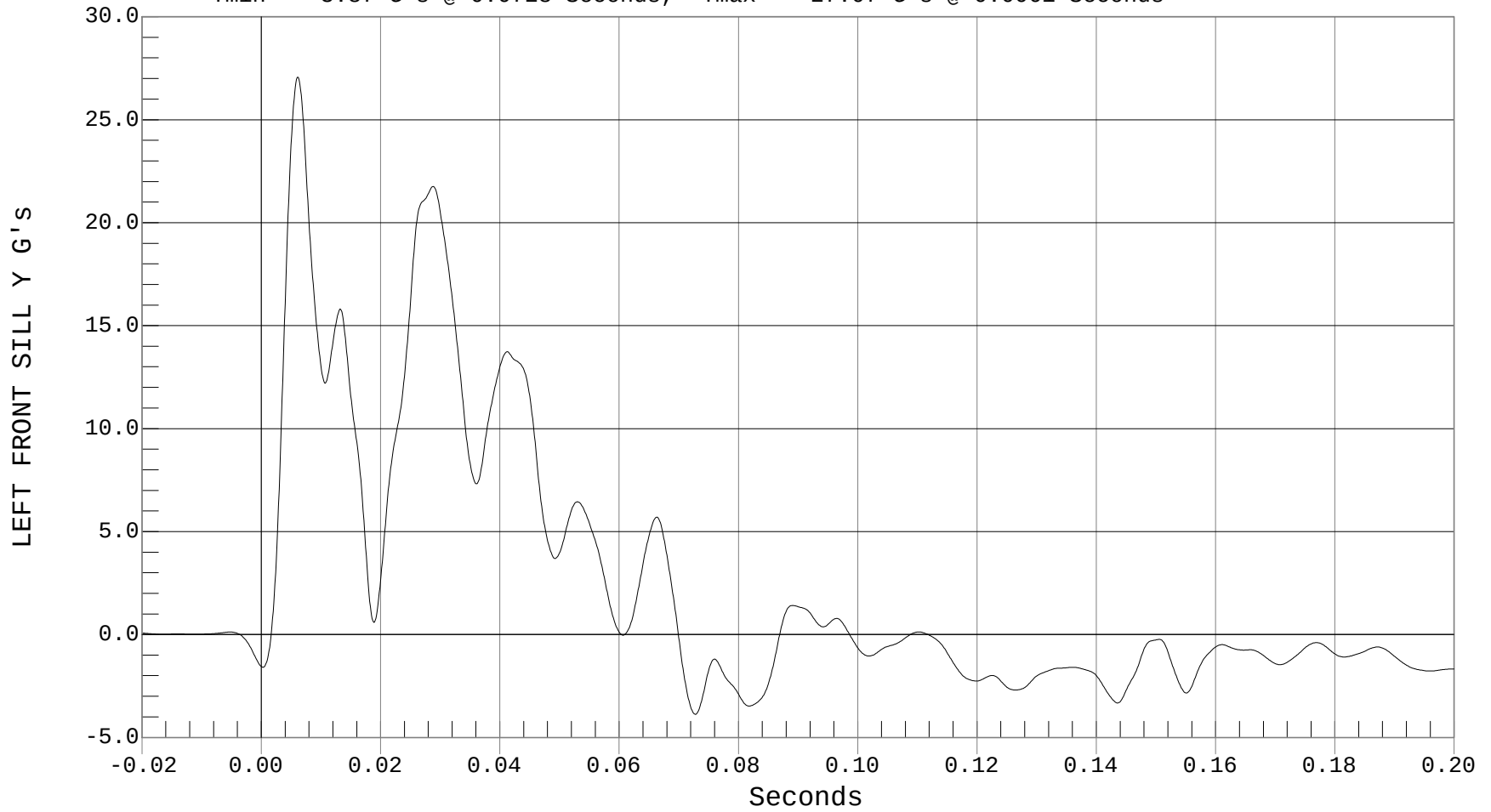
LEFT SIDE SILL AT FRONT SEAT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT FRONT SILL Y, B00091AF.A21

Ymin = -3.87 G's @ 0.0728 Seconds, Ymax = 27.07 G's @ 0.0061 Seconds





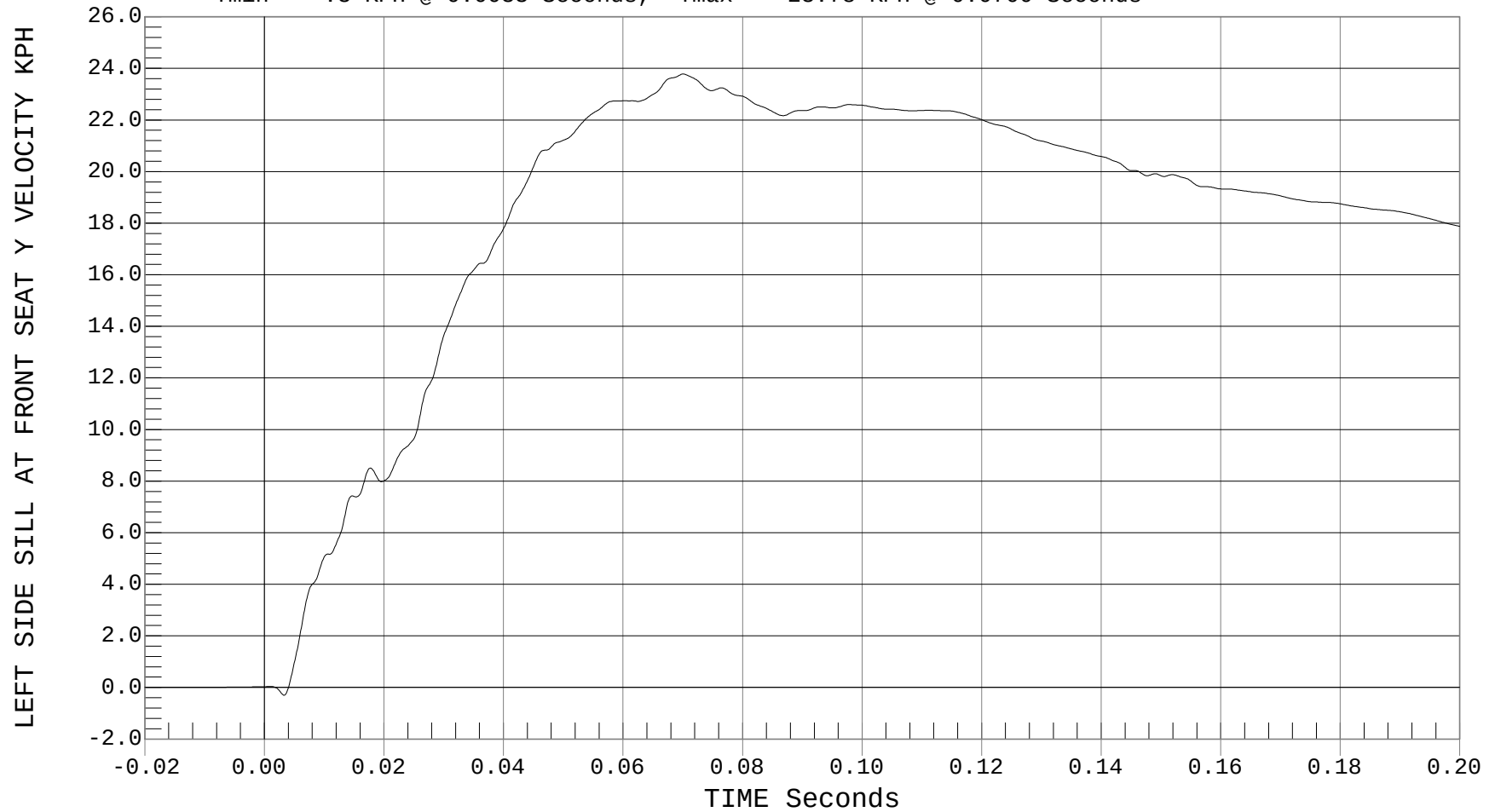
LEFT SIDE SILL AT FRONT SEAT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT SIDE SILL AT FRONT SEAT Y VELOCITY, B00091AI.V21

Ymin = -.3 KPH @ 0.0033 Seconds, Ymax = 23.78 KPH @ 0.0700 Seconds





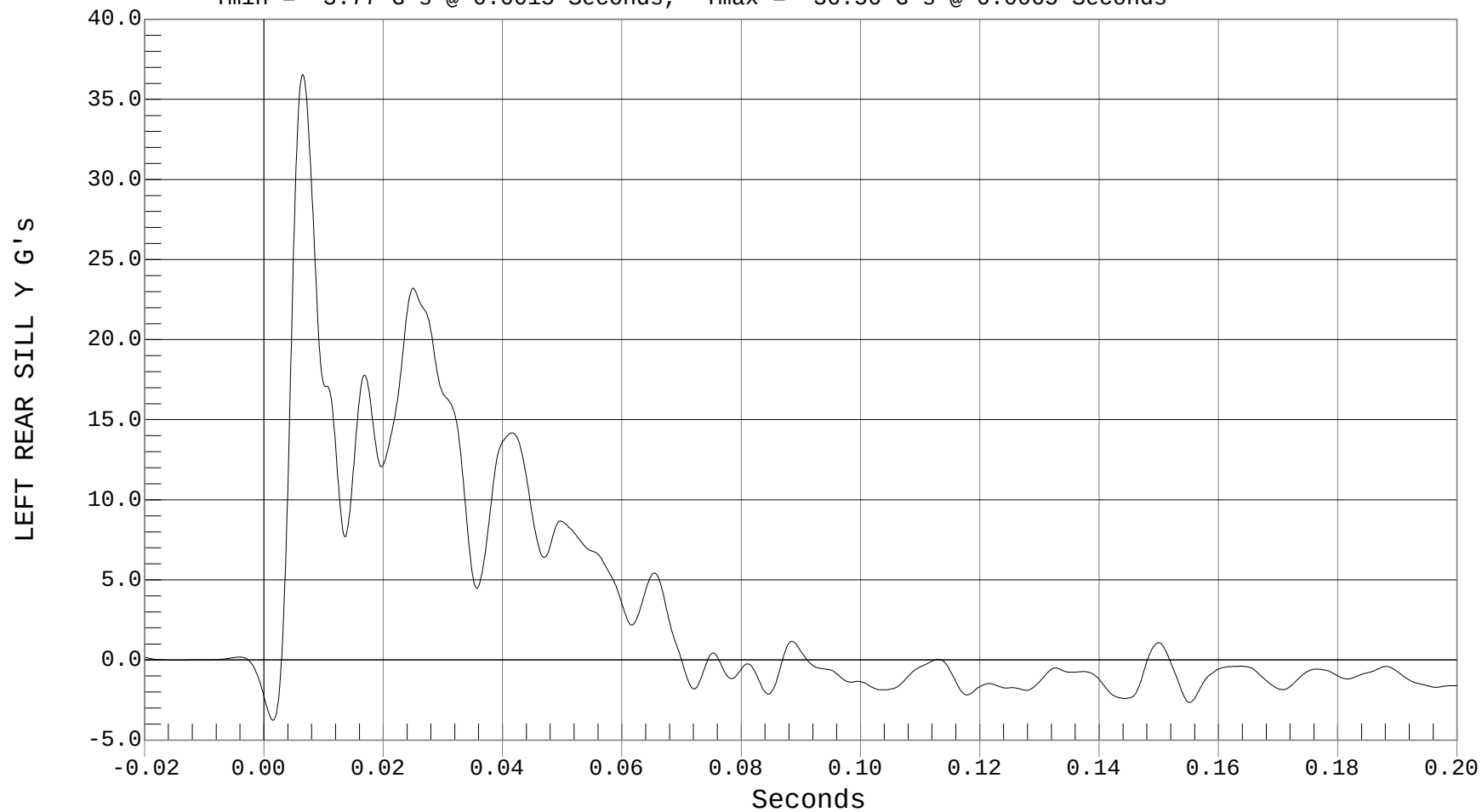
LEFT SIDE SILL AT REAR SEAT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT REAR SILL Y, B00091AF.A22

Ymin = -3.77 G's @ 0.0015 Seconds, Ymax = 36.56 G's @ 0.0065 Seconds





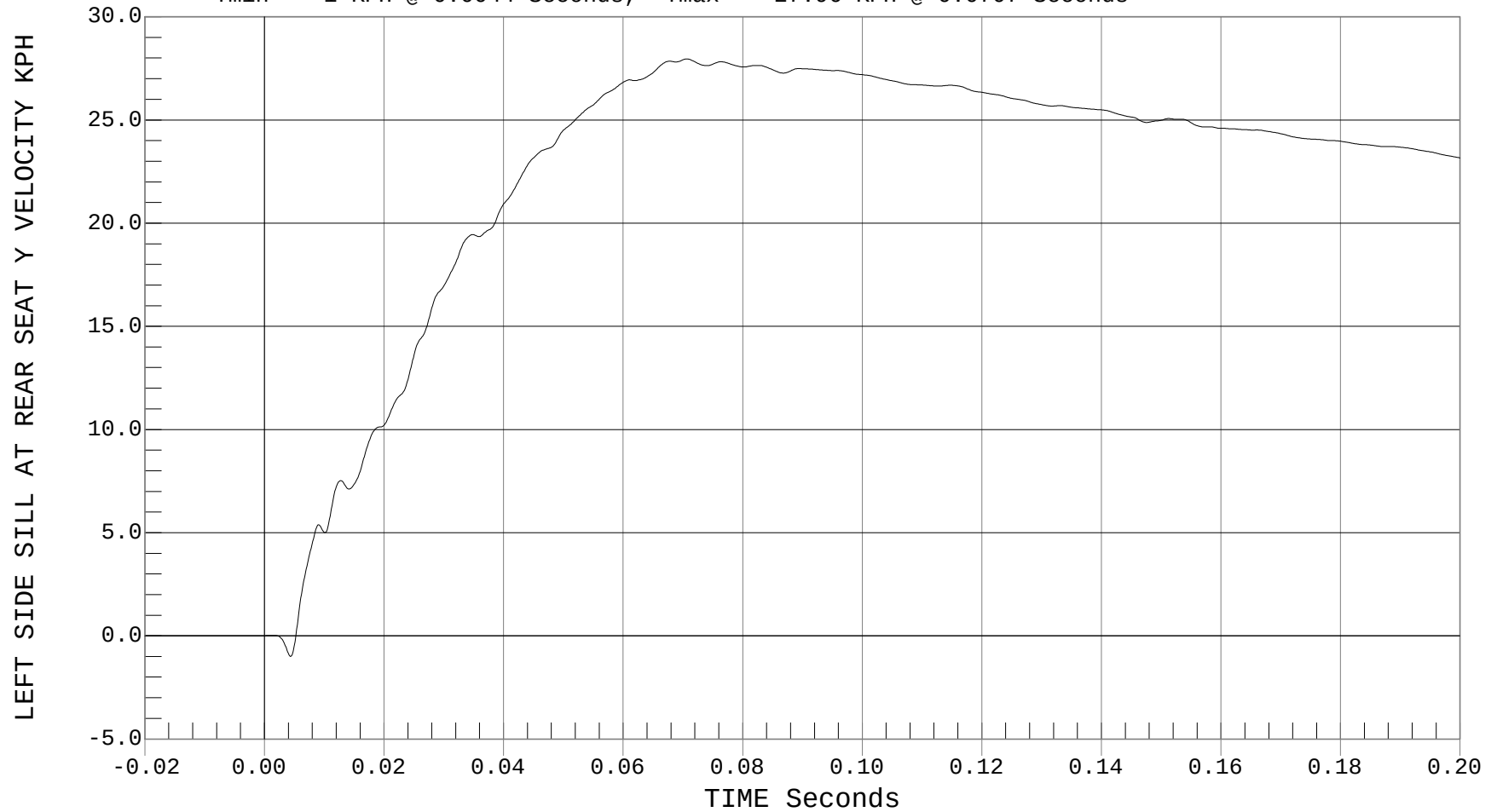
LEFT SIDE SILL AT REAR SEAT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT SIDE SILL AT REAR SEAT Y VELOCITY, B00091AI.V22

Ymin = -1 KPH @ 0.0044 Seconds, Ymax = 27.96 KPH @ 0.0707 Seconds





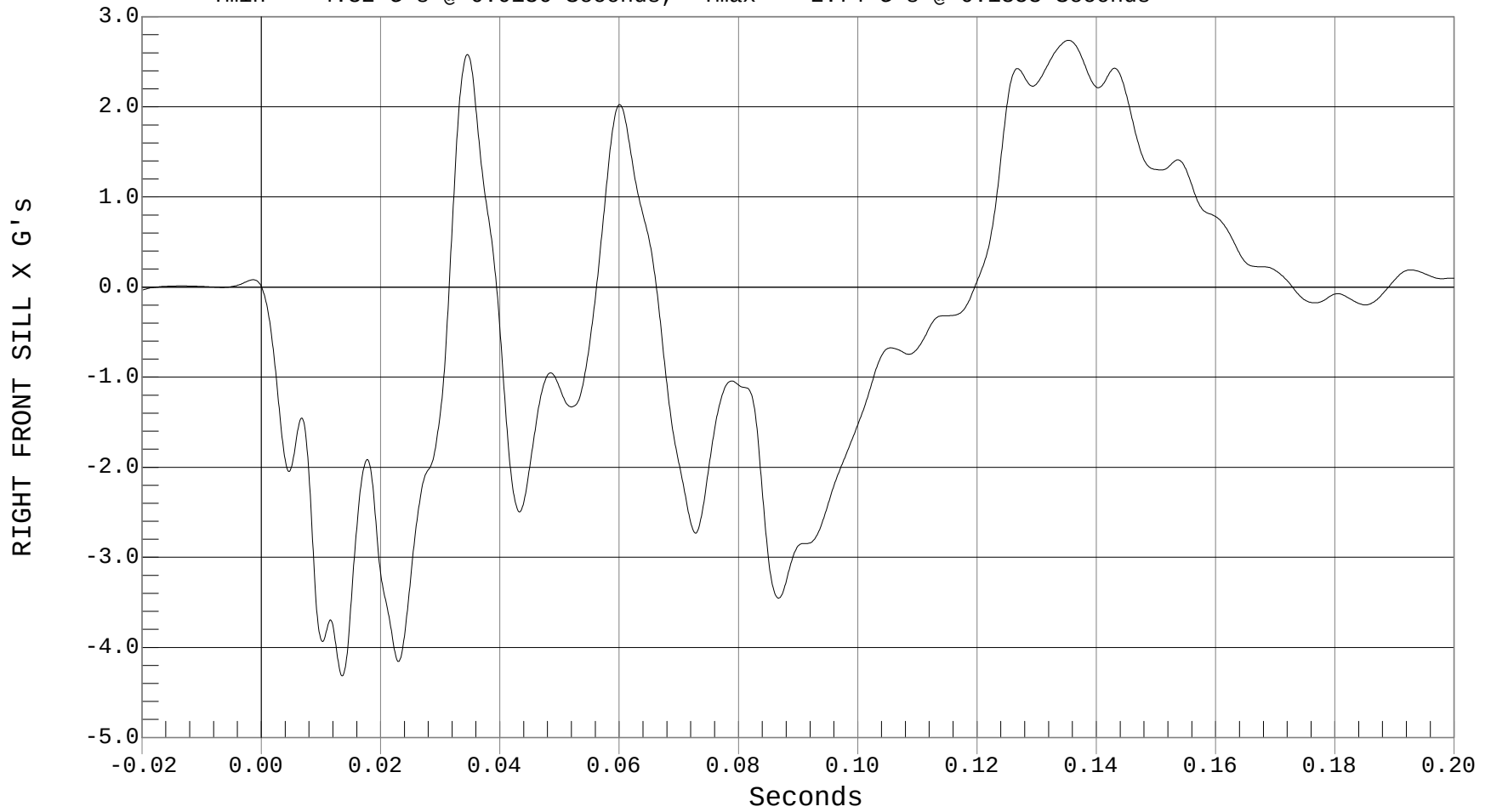
RIGHT SIDE SILL AT FRONT SEAT X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT FRONT SILL X, B00091AF.A15

Ymin = -4.32 G's @ 0.0136 Seconds, Ymax = 2.74 G's @ 0.1353 Seconds





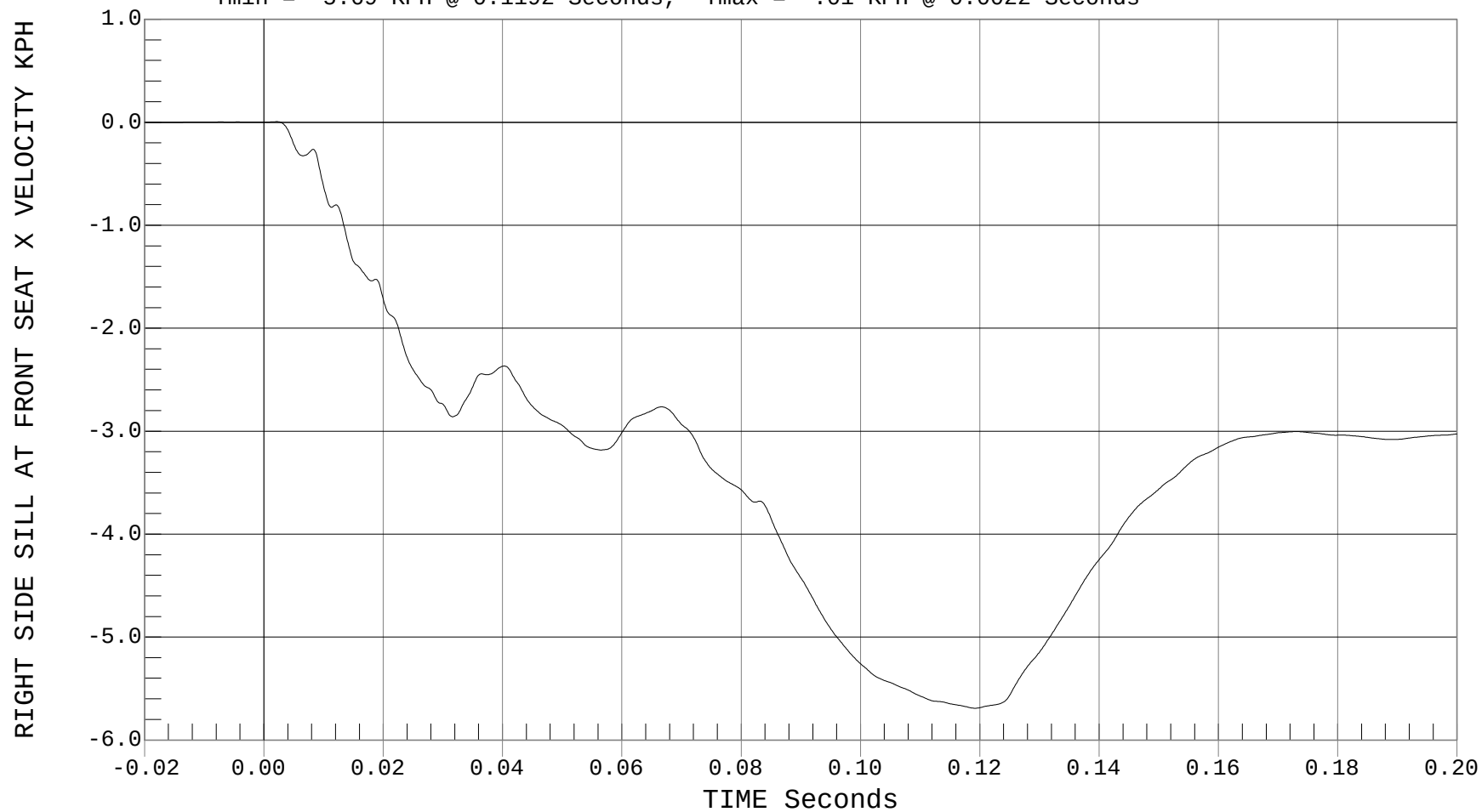
RIGHT SIDE SILL AT FRONT SEAT X VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT SIDE SILL AT FRONT SEAT X VELOCITY, B00091AI.V15

Ymin = -5.69 KPH @ 0.1192 Seconds, Ymax = .01 KPH @ 0.0022 Seconds





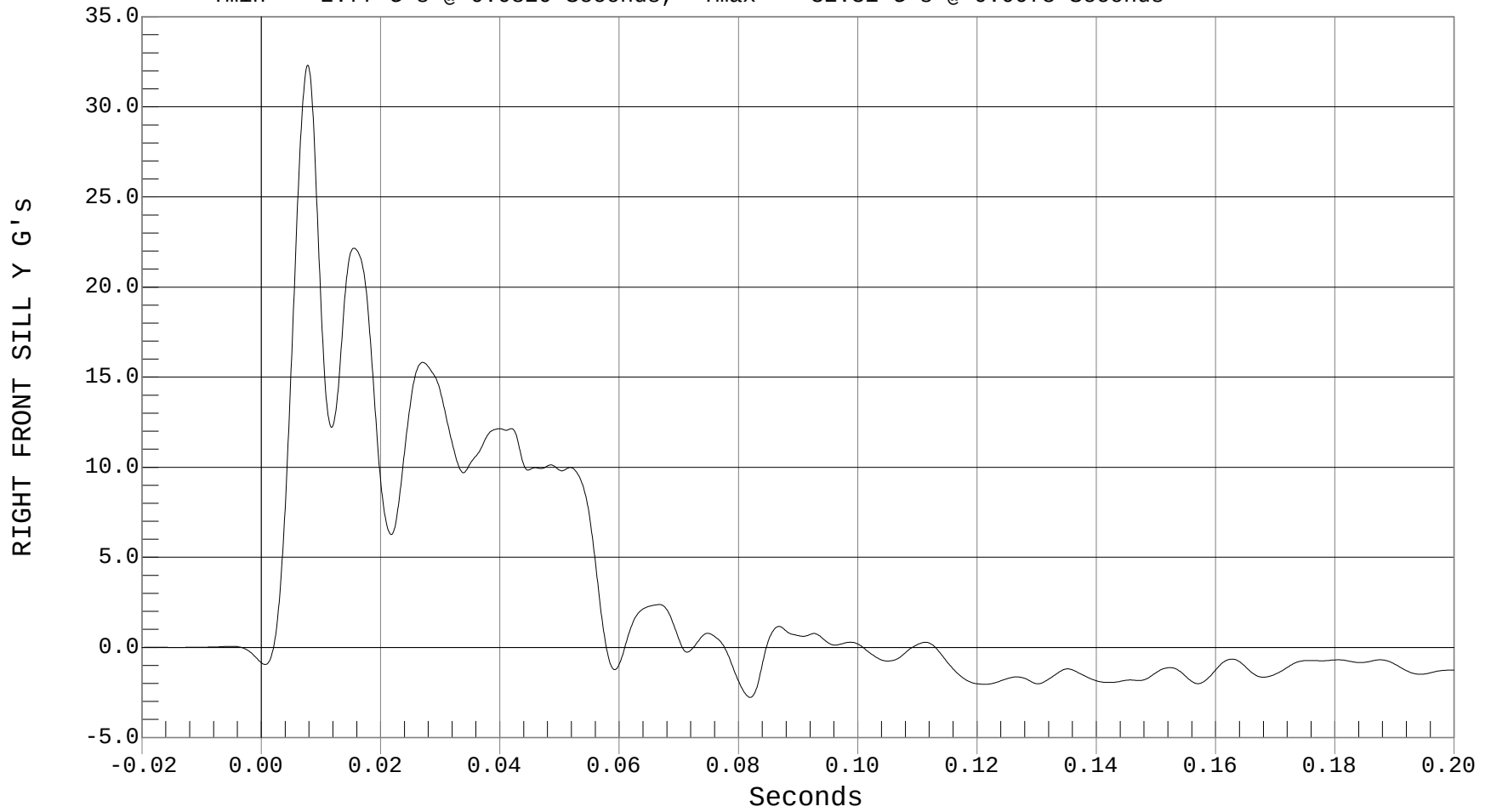
RIGHT SIDE SILL AT FRONT SEAT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT FRONT SILL Y, B00091AF.A16

Ymin = -2.77 G's @ 0.0820 Seconds, Ymax = 32.31 G's @ 0.0078 Seconds





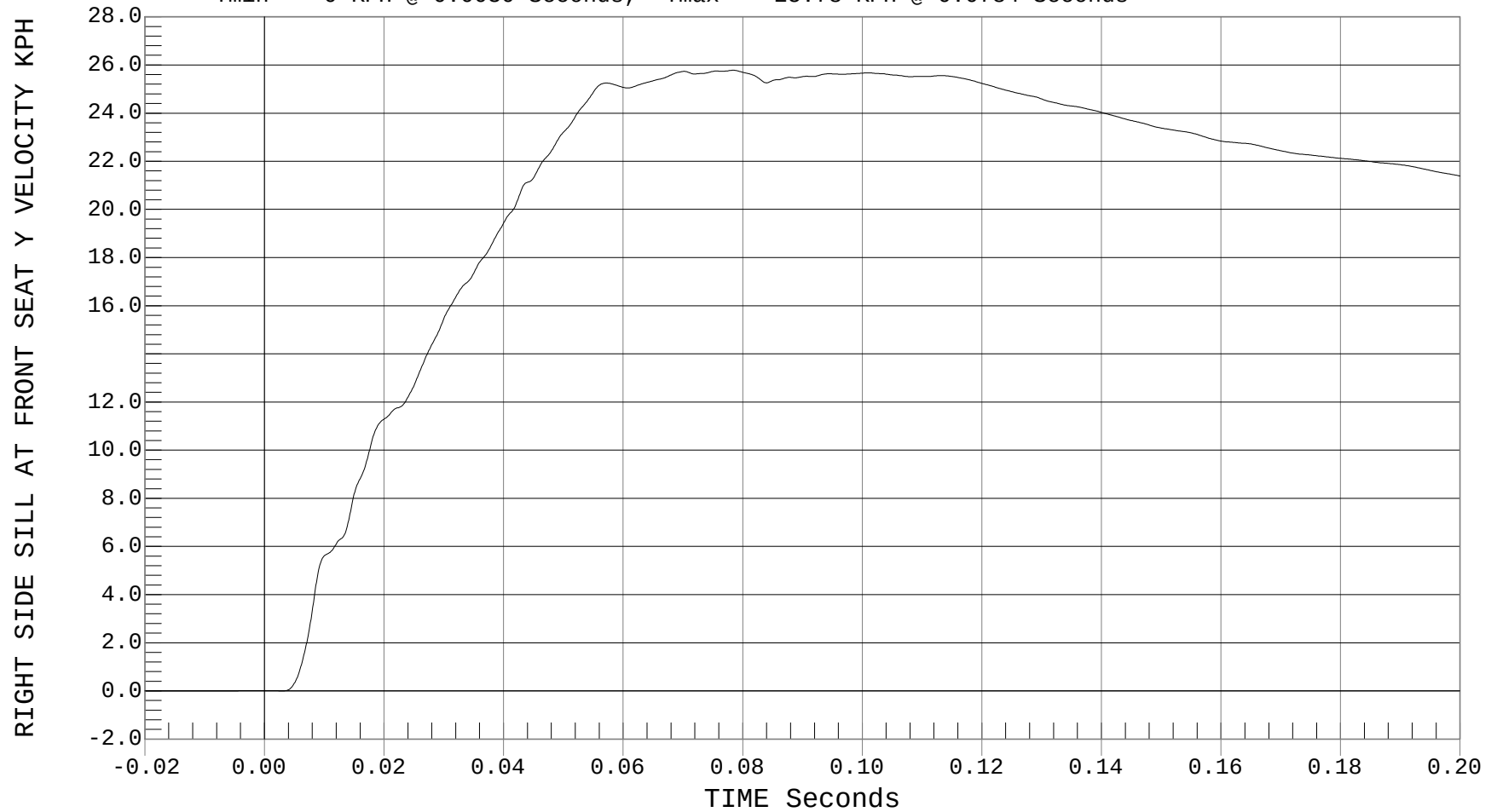
RIGHT SIDE SILL AT FRONT SEAT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT SIDE SILL AT FRONT SEAT Y VELOCITY, B00091AI.V16

Ymin = 0 KPH @ 0.0030 Seconds, Ymax = 25.78 KPH @ 0.0784 Seconds





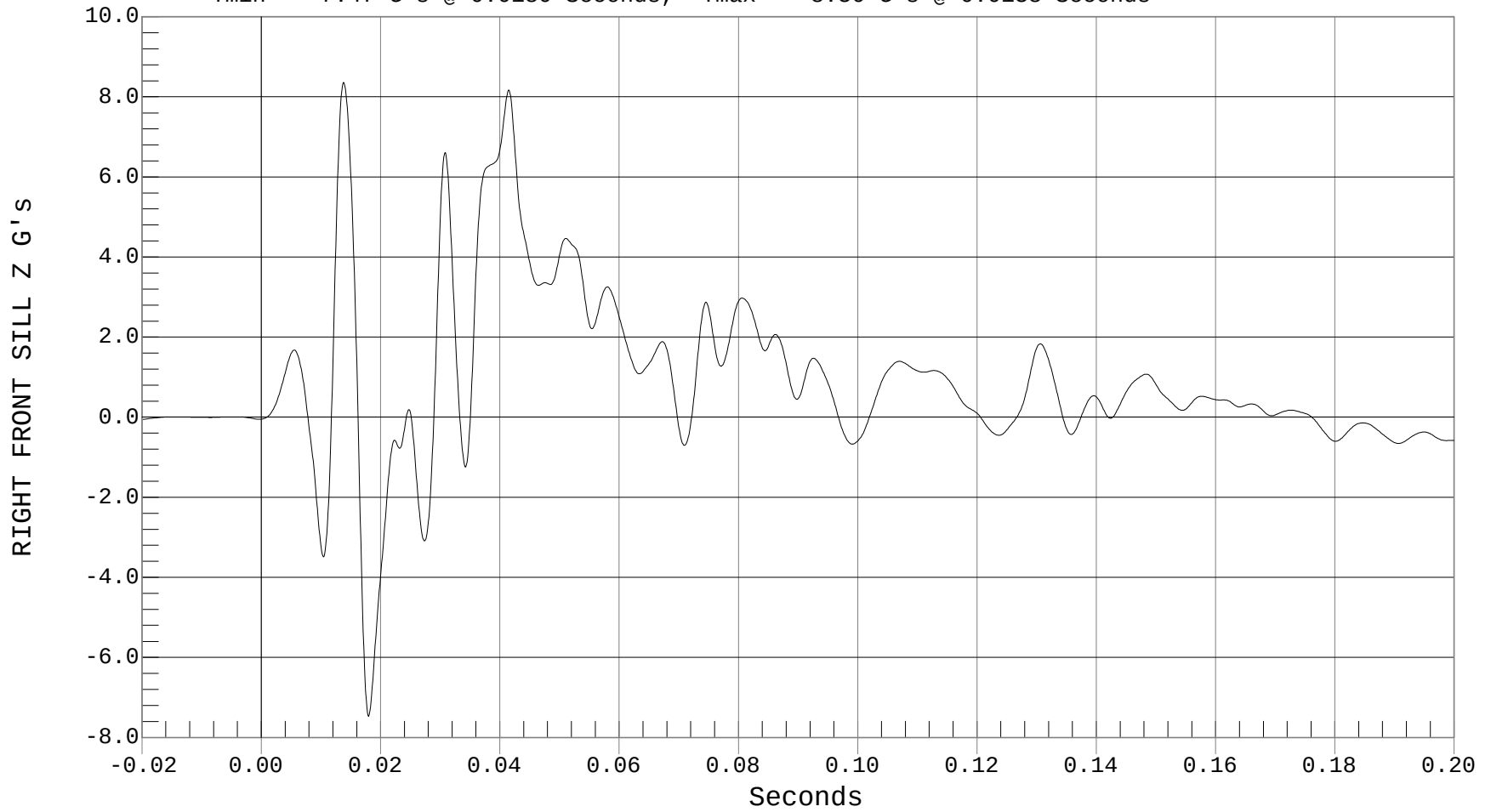
RIGHT SIDE SILL AT FRONT SEAT Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT FRONT SILL Z, B00091AF.A17

Ymin = -7.47 G's @ 0.0180 Seconds, Ymax = 8.36 G's @ 0.0138 Seconds





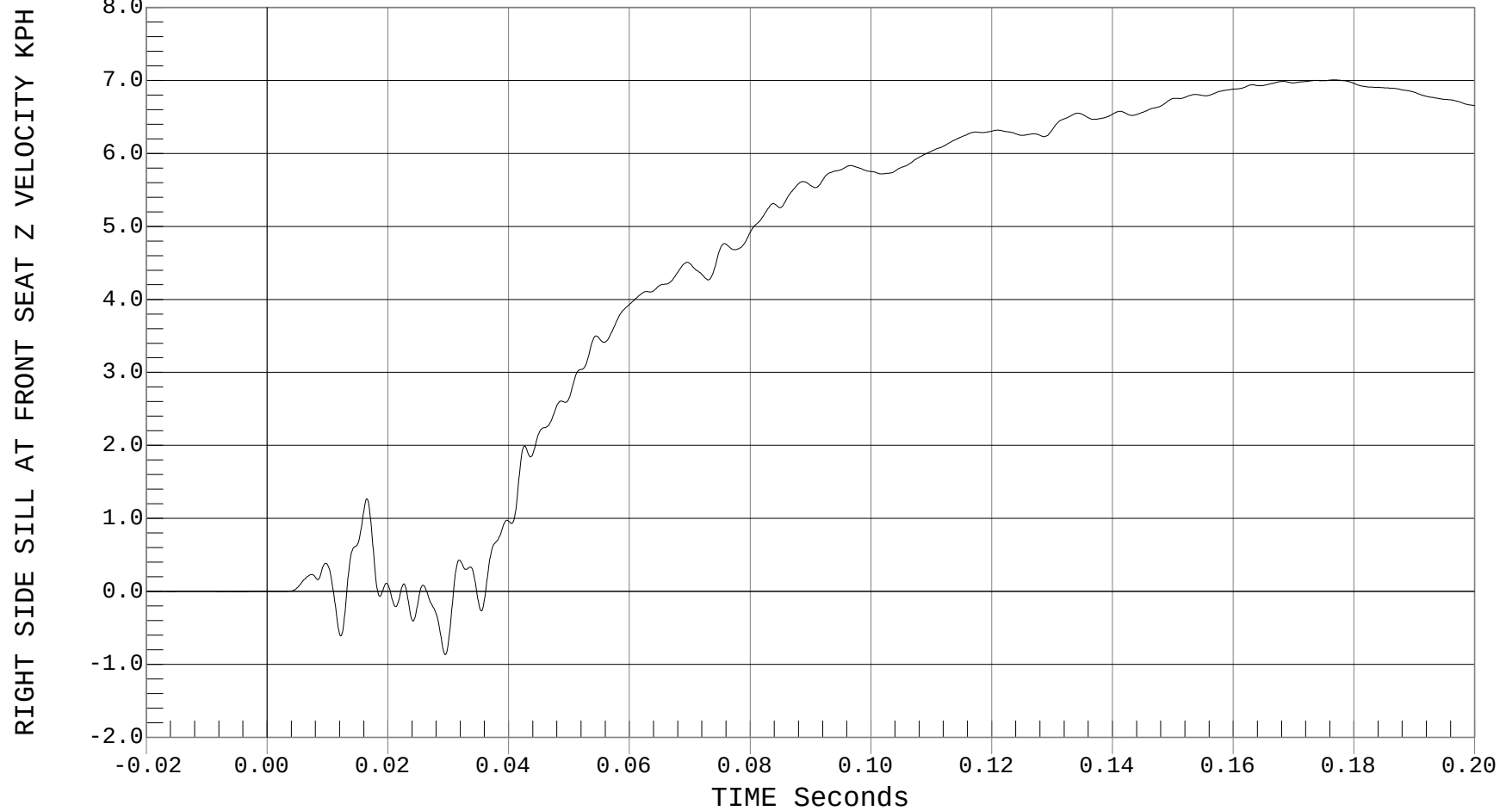
RIGHT SIDE SILL AT FRONT SEAT Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT SIDE SILL AT FRONT SEAT Z VELOCITY, B00091AI.V17

Ymin = -.87 KPH @ 0.0295 Seconds, Ymax = 7.01 KPH @ 0.1767 Seconds





RIGHT SIDE SILL AT FRONT SEAT RESULTANT ACCELERATION

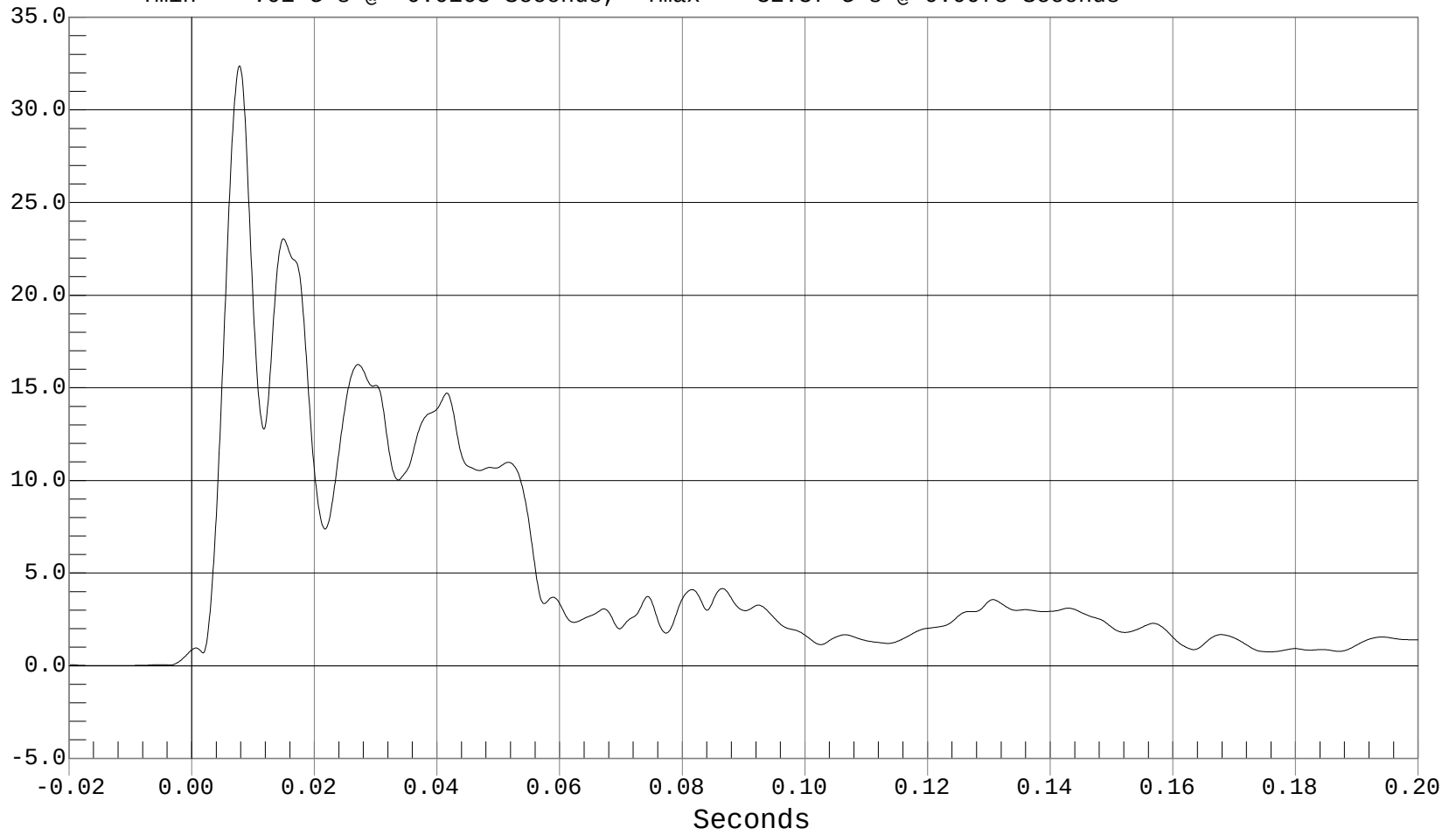
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT SIDE SILL AT FRONT SEAT RESULTANT ACCELERATION, B00091AV.A15

Ymin = .01 G's @ -0.0163 Seconds, Ymax = 32.37 G's @ 0.0078 Seconds

RIGHT SIDE SILL AT FRONT SEAT RESULTANT ACCELERATION





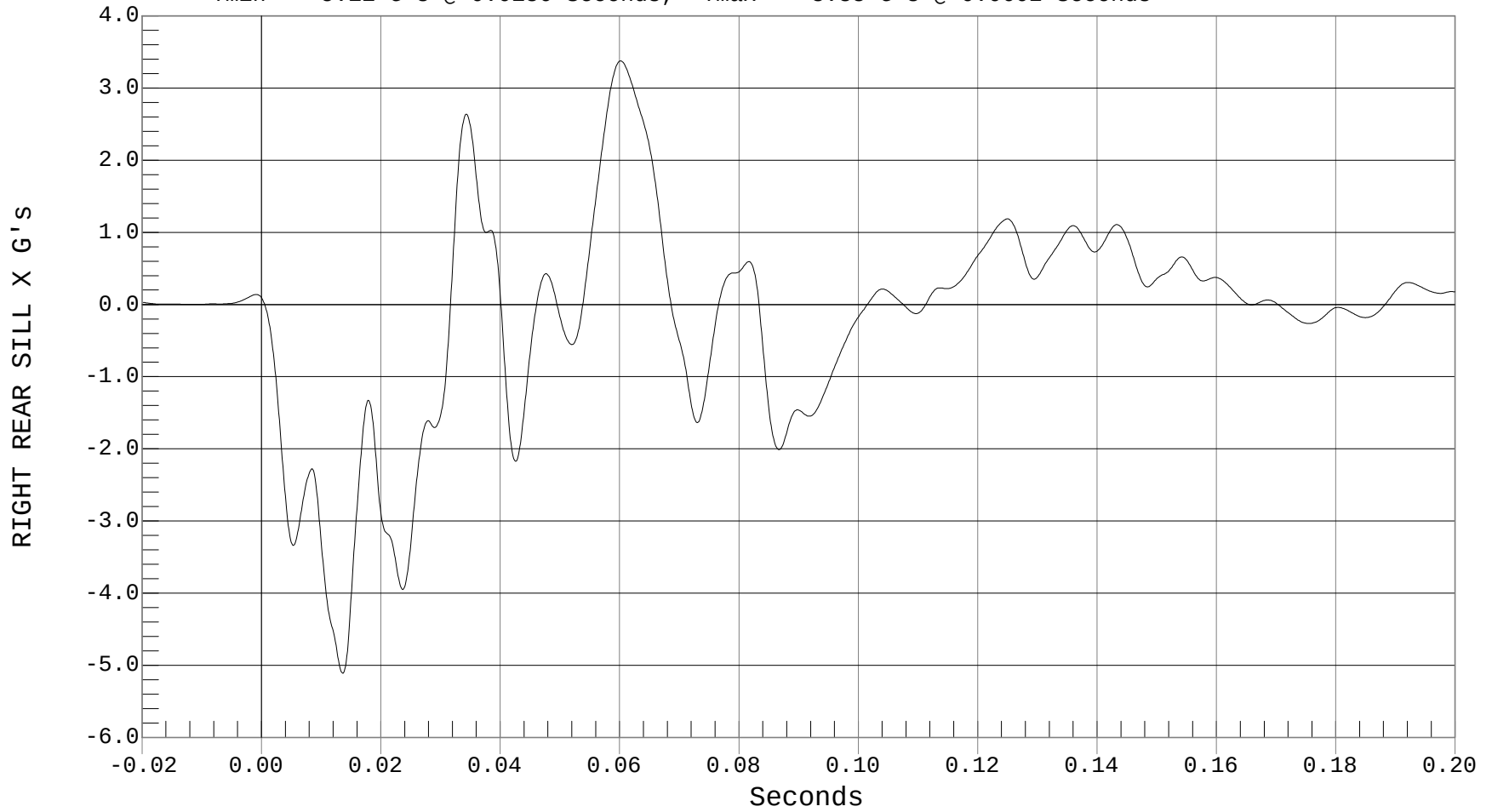
RIGHT SIDE SILL AT REAR SEAT X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT REAR SILL X, B00091AF.A18

Ymin = -5.11 G's @ 0.0136 Seconds, Ymax = 3.38 G's @ 0.0602 Seconds





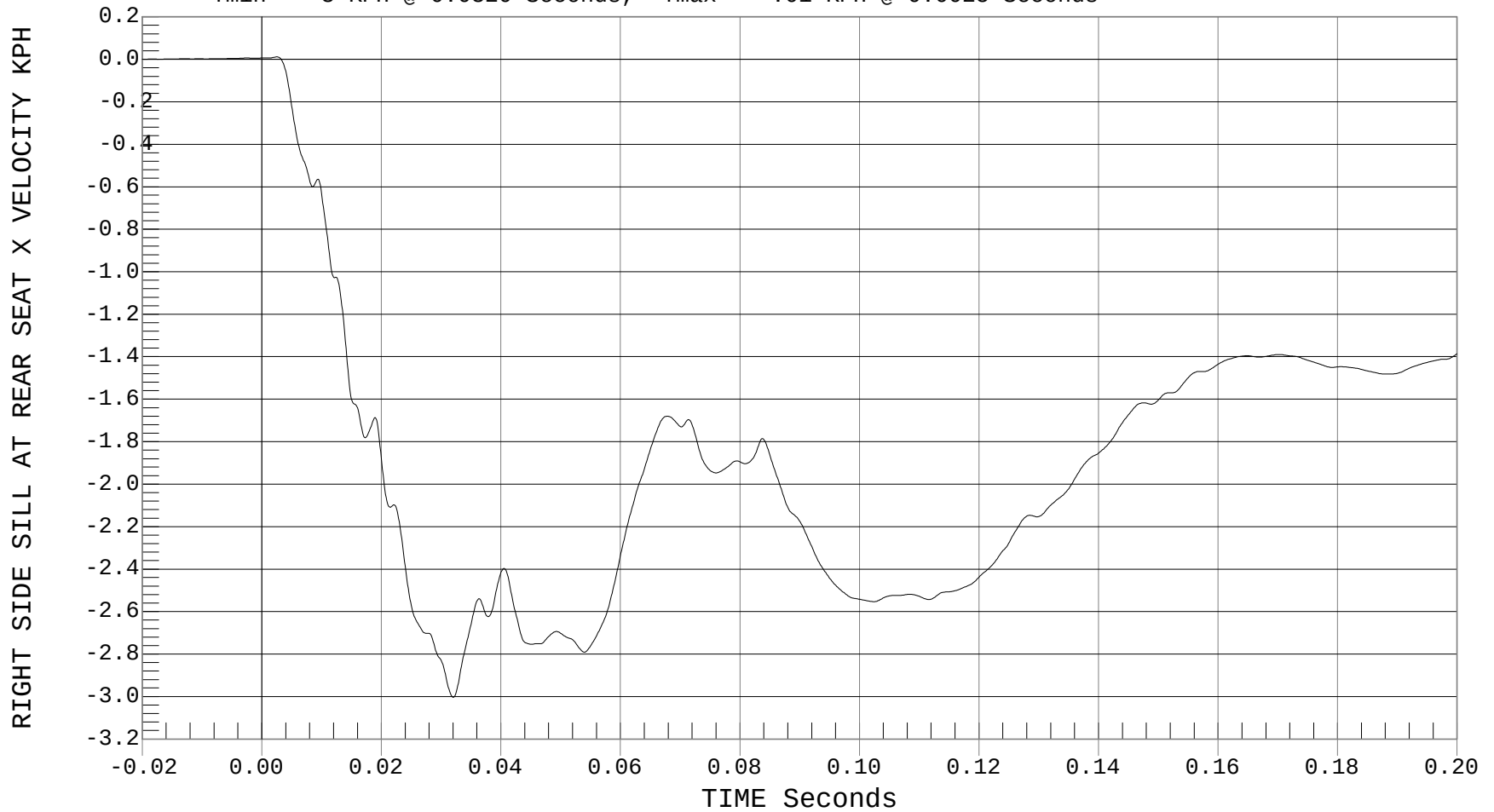
RIGHT SIDE SILL AT REAR SEAT X VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT SIDE SILL AT REAR SEAT X VELOCITY, B00091AI.V18

Ymin = -3 KPH @ 0.0320 Seconds, Ymax = .01 KPH @ 0.0025 Seconds





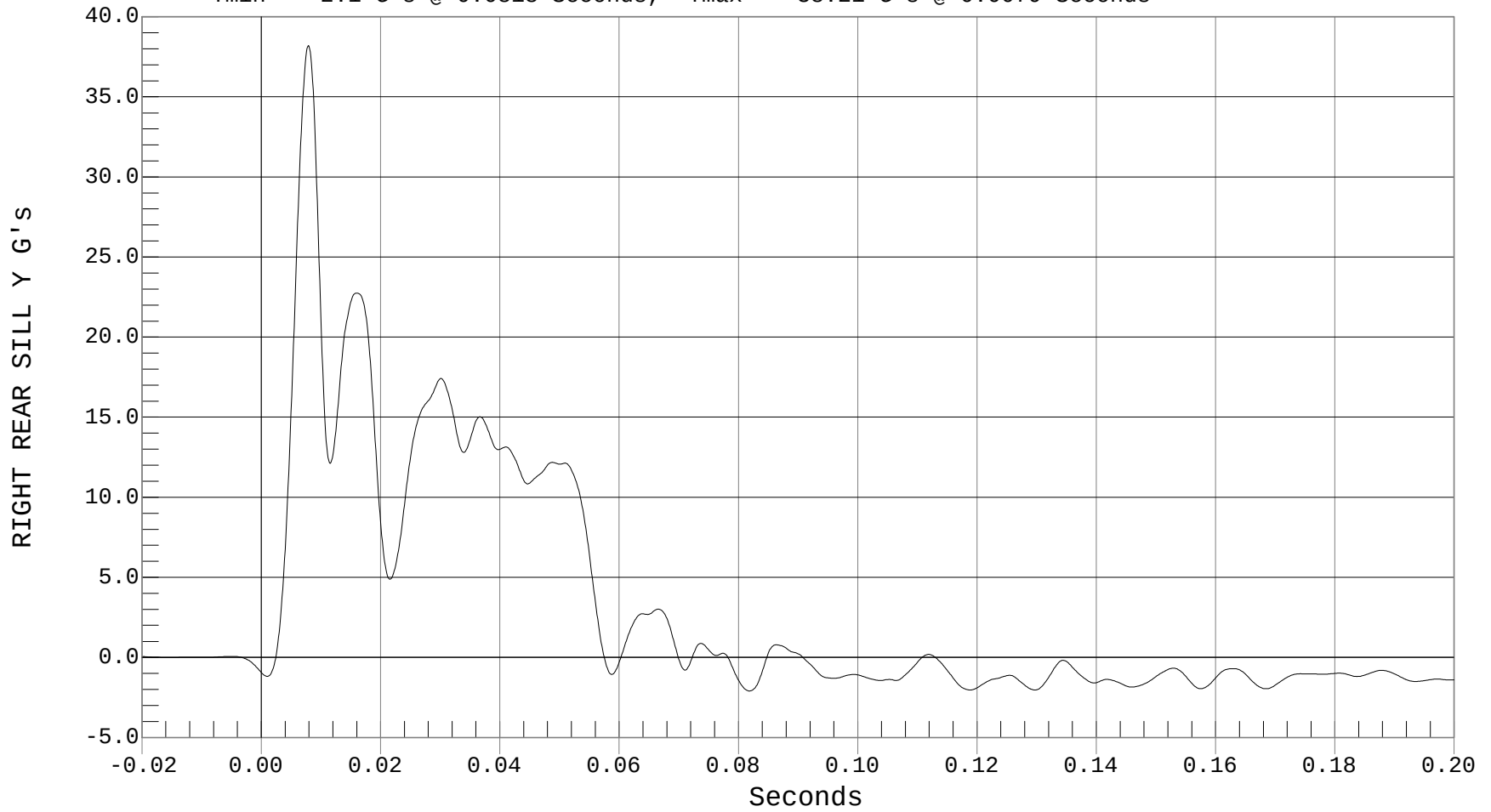
RIGHT SIDE SILL AT REAR SEAT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT REAR SILL Y, B00091AF.A19

Ymin = -2.1 G's @ 0.0818 Seconds, Ymax = 38.21 G's @ 0.0079 Seconds





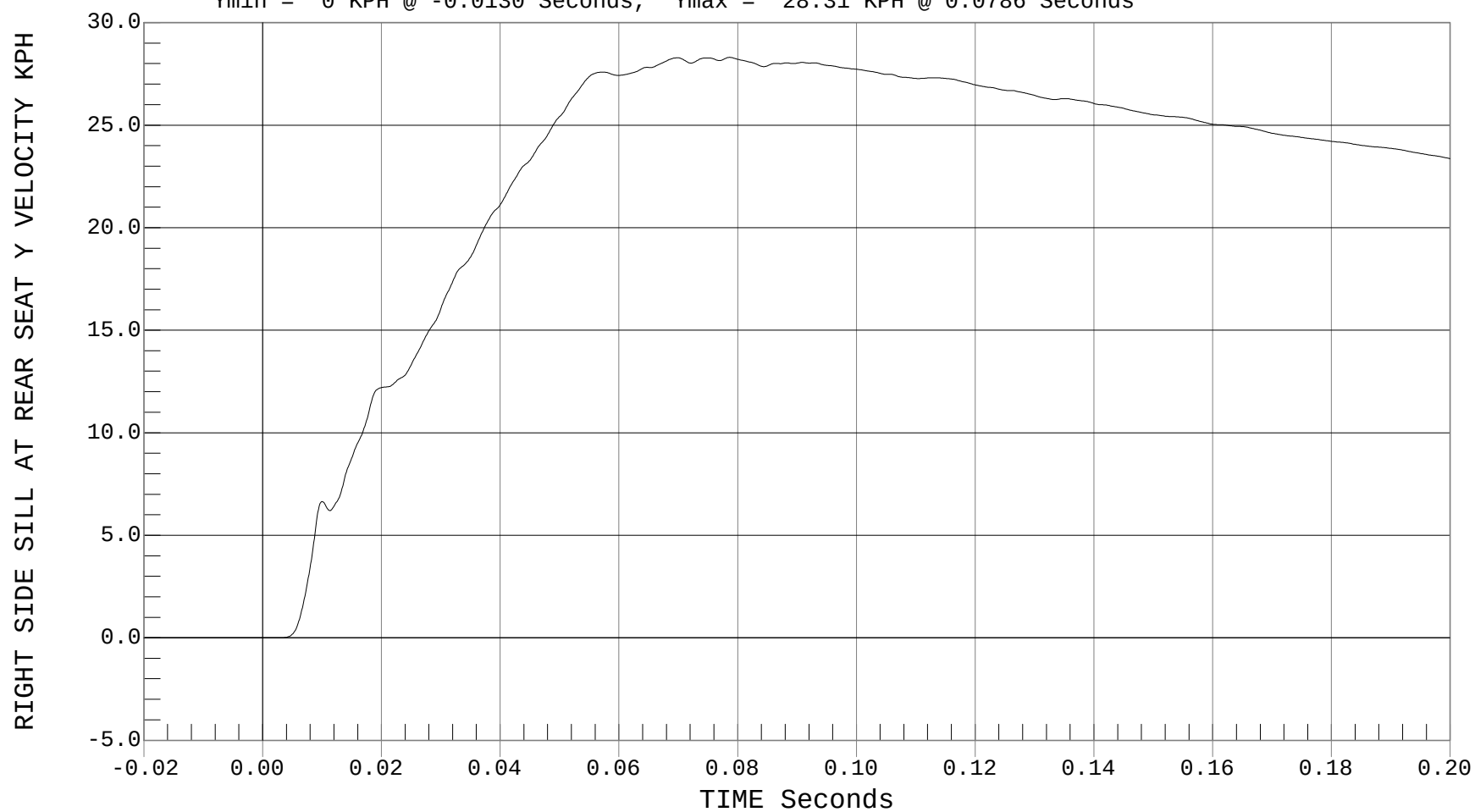
RIGHT SIDE SILL AT REAR SEAT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT SIDE SILL AT REAR SEAT Y VELOCITY, B00091AI.V19

Ymin = 0 KPH @ -0.0130 Seconds, Ymax = 28.31 KPH @ 0.0786 Seconds





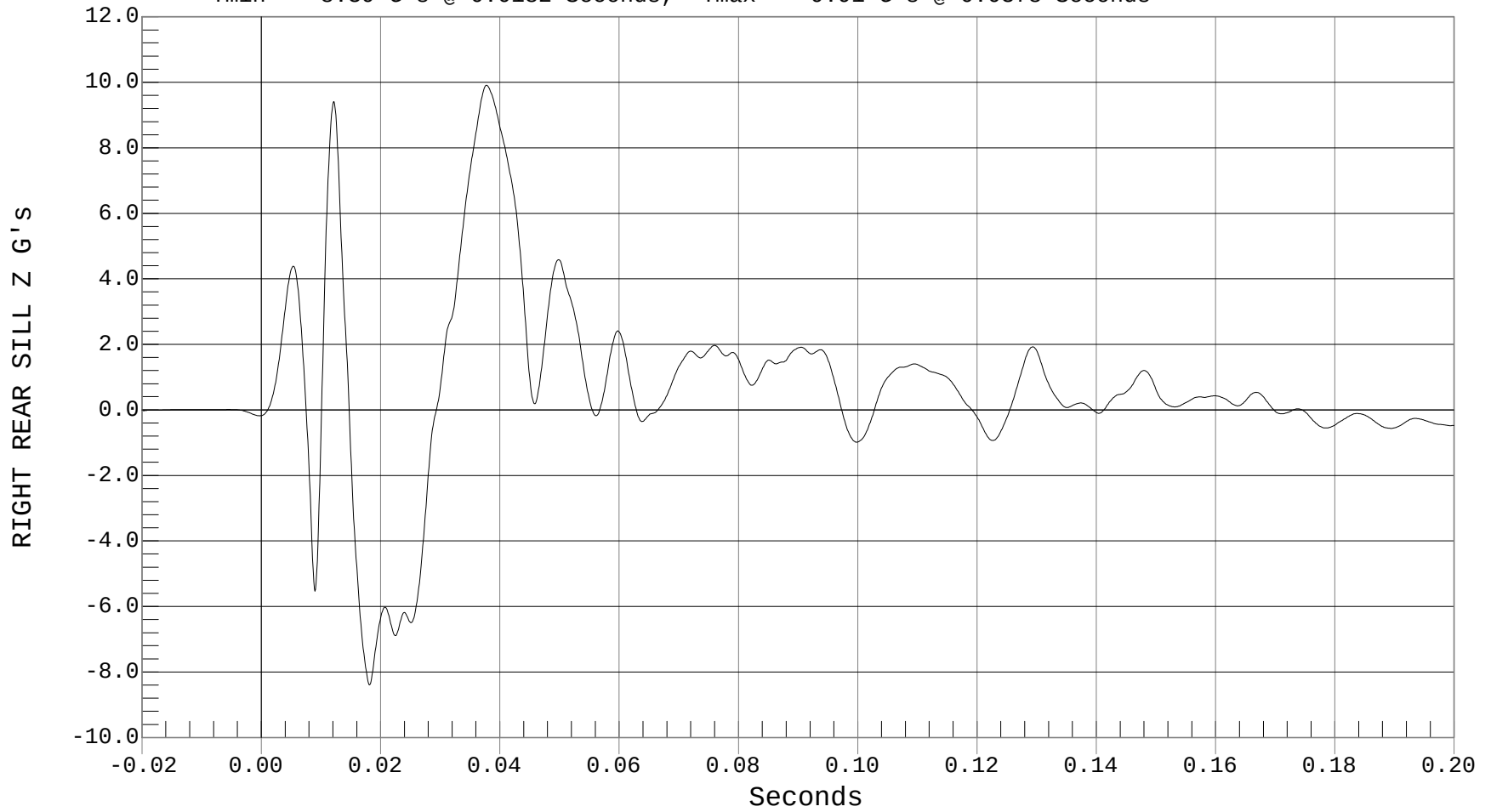
RIGHT SIDE SILL AT REAR SEAT Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT REAR SILL Z, B00091AF.A20

Ymin = -8.39 G's @ 0.0182 Seconds, Ymax = 9.91 G's @ 0.0378 Seconds





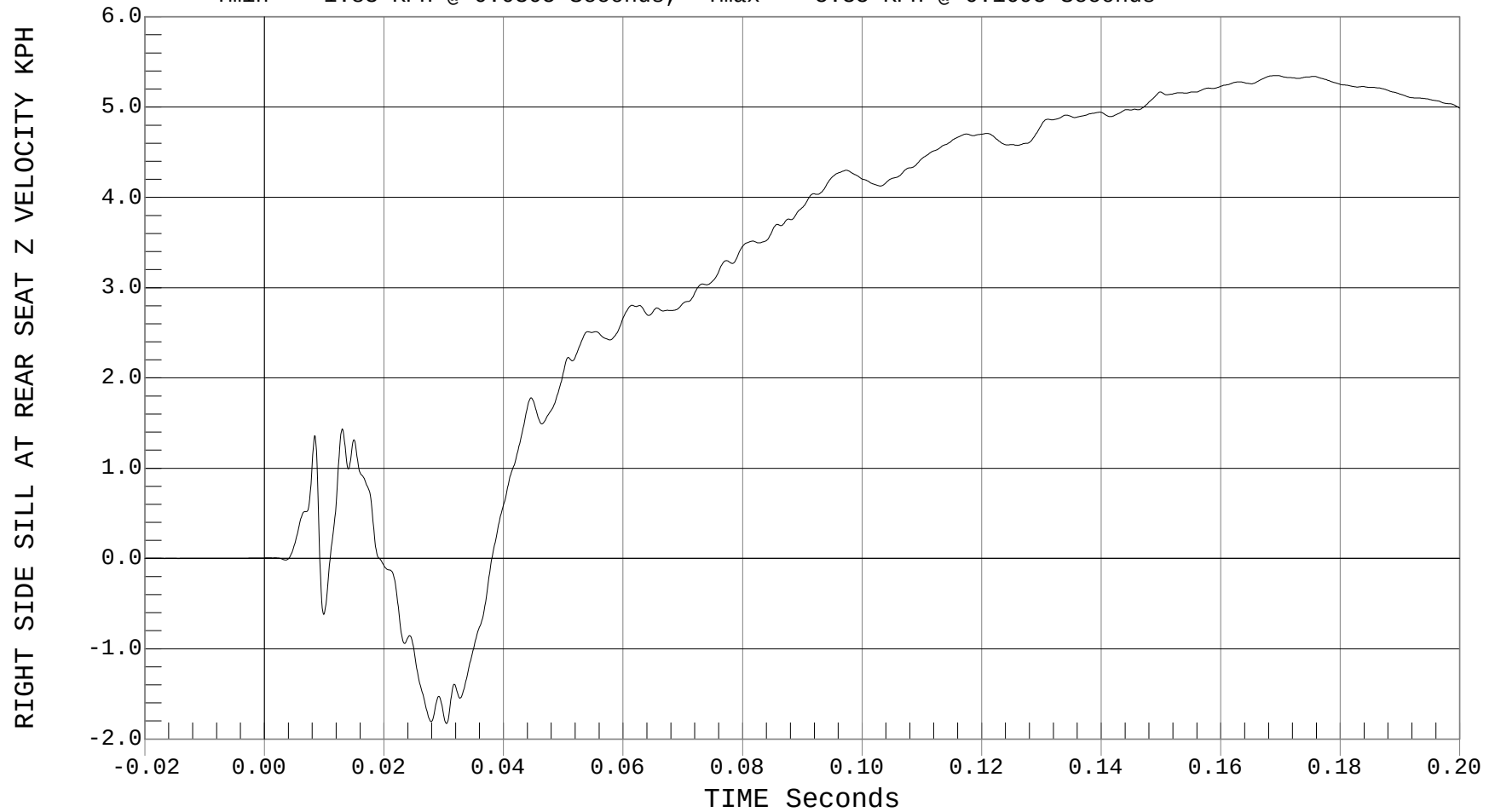
RIGHT SIDE SILL AT REAR SEAT Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT SIDE SILL AT REAR SEAT Z VELOCITY, B00091AI.V20

Ymin = -1.83 KPH @ 0.0305 Seconds, Ymax = 5.35 KPH @ 0.1695 Seconds





RIGHT SIDE SILL AT REAR SEAT RESULTANT ACCELERATION

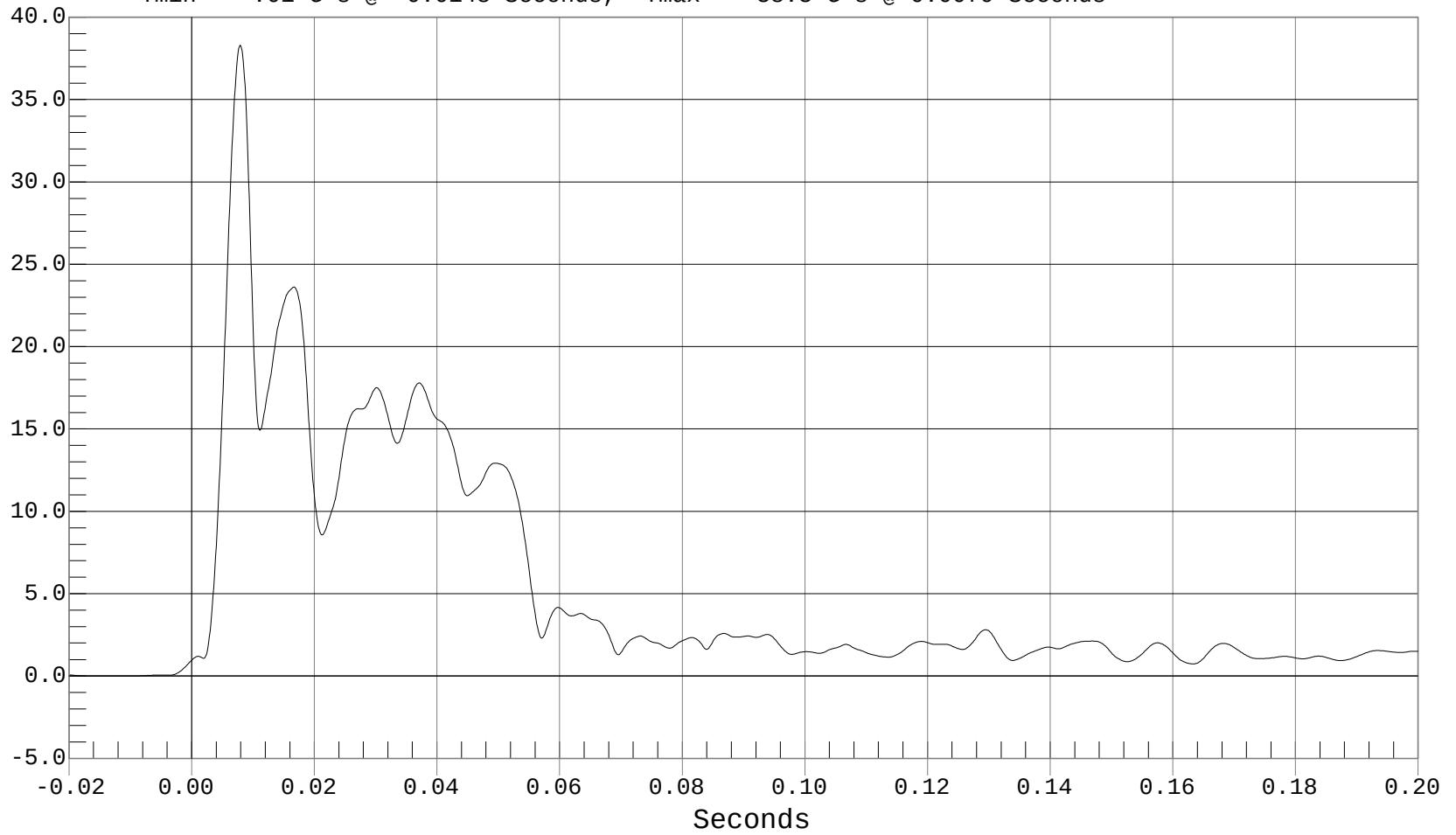
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT SIDE SILL AT REAR SEAT RESULTANT ACCELERATION, B00091AV.A18

Ymin = .01 G's @ -0.0148 Seconds, Ymax = 38.3 G's @ 0.0079 Seconds

RIGHT SIDE SILL AT REAR SEAT RESULTANT ACCELERATION





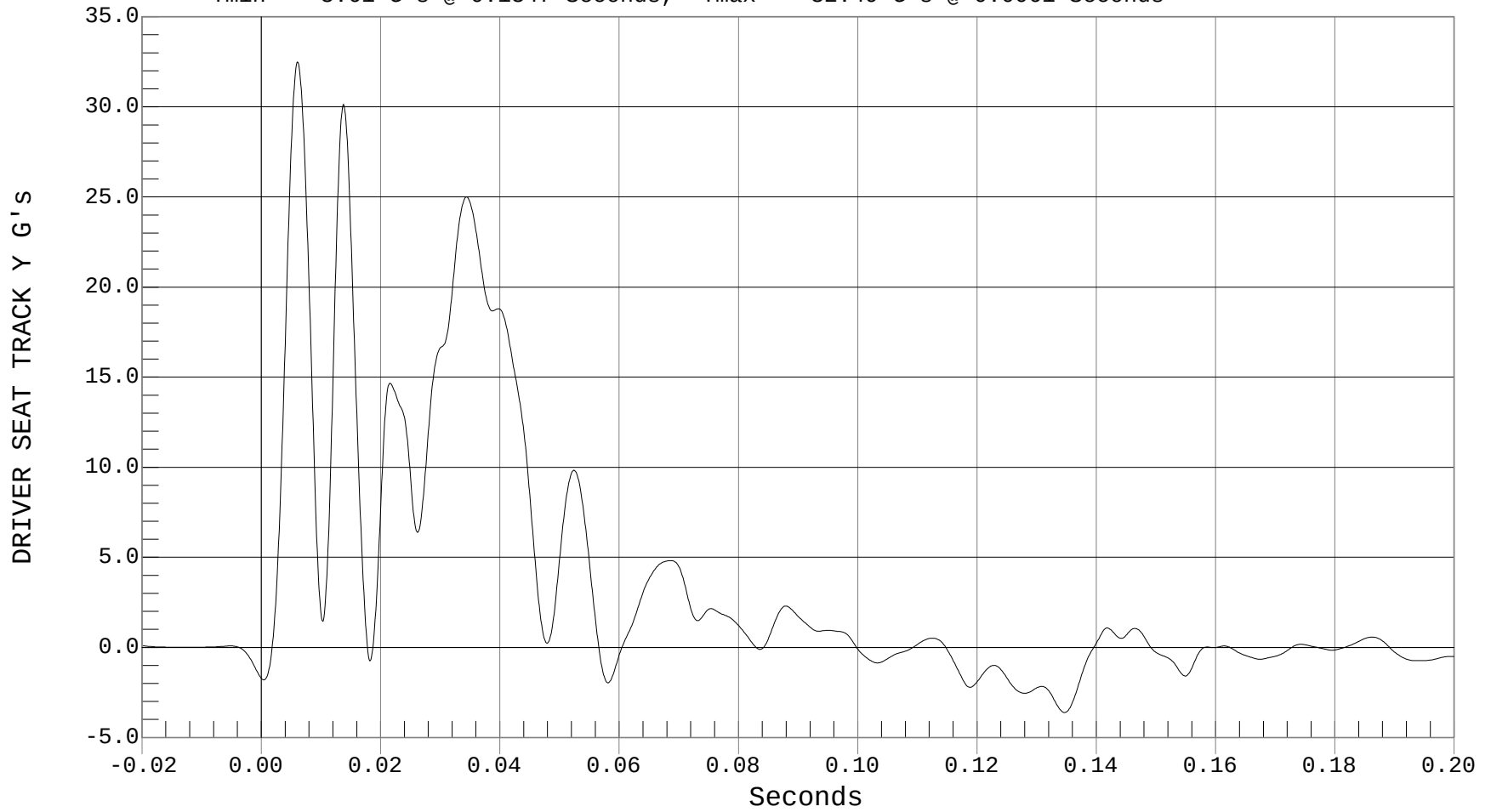
LEFT DRIVERS SEAT TRACK Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 DRIVER SEAT TRACK Y, B00091AF.A30

Ymin = -3.61 G's @ 0.1347 Seconds, Ymax = 32.49 G's @ 0.0061 Seconds





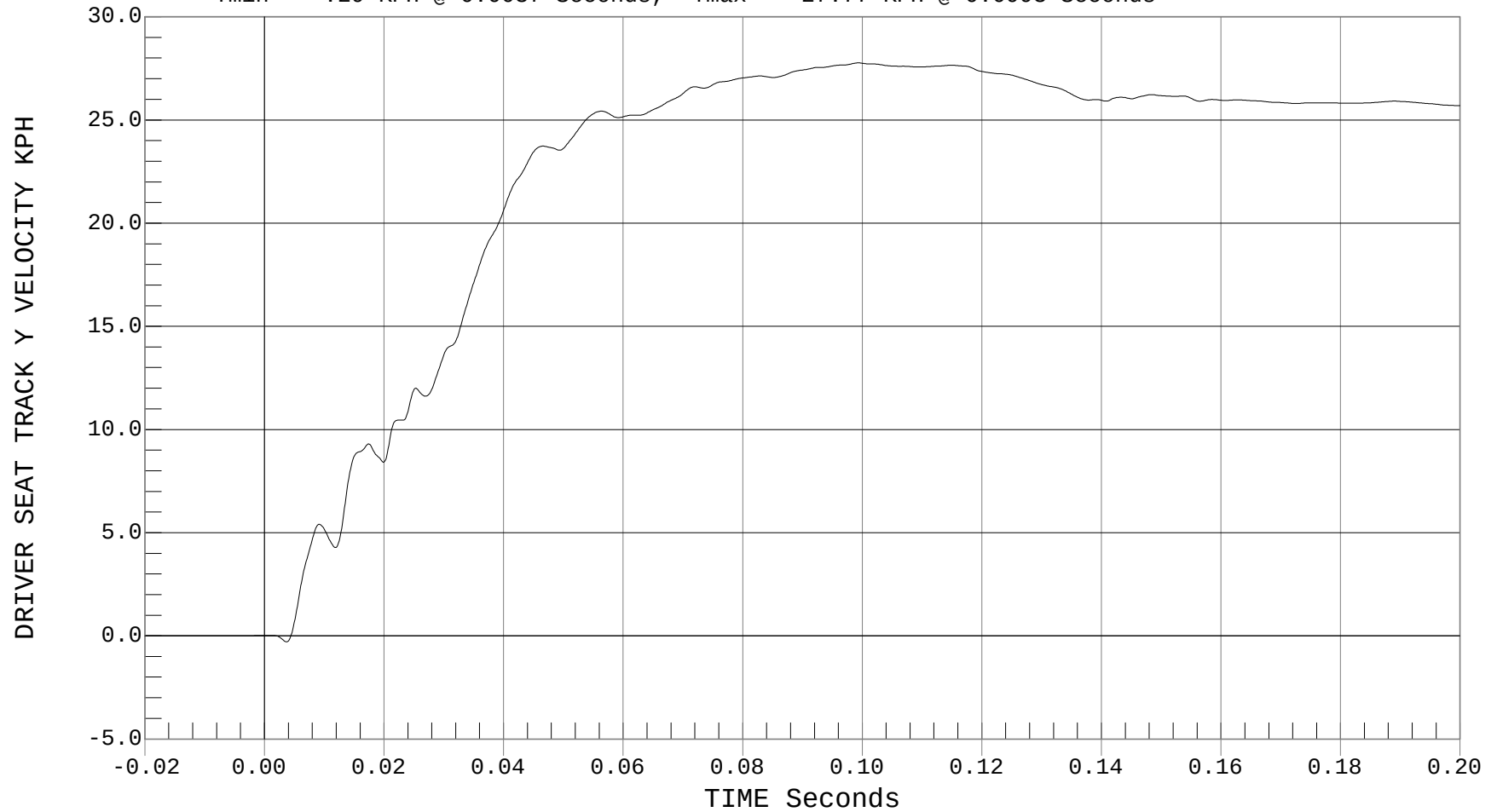
LEFT DRIVERS SEAT TRACK Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER SEAT TRACK Y VELOCITY, B00091AI.V30

Ymin = -.29 KPH @ 0.0037 Seconds, Ymax = 27.77 KPH @ 0.0993 Seconds





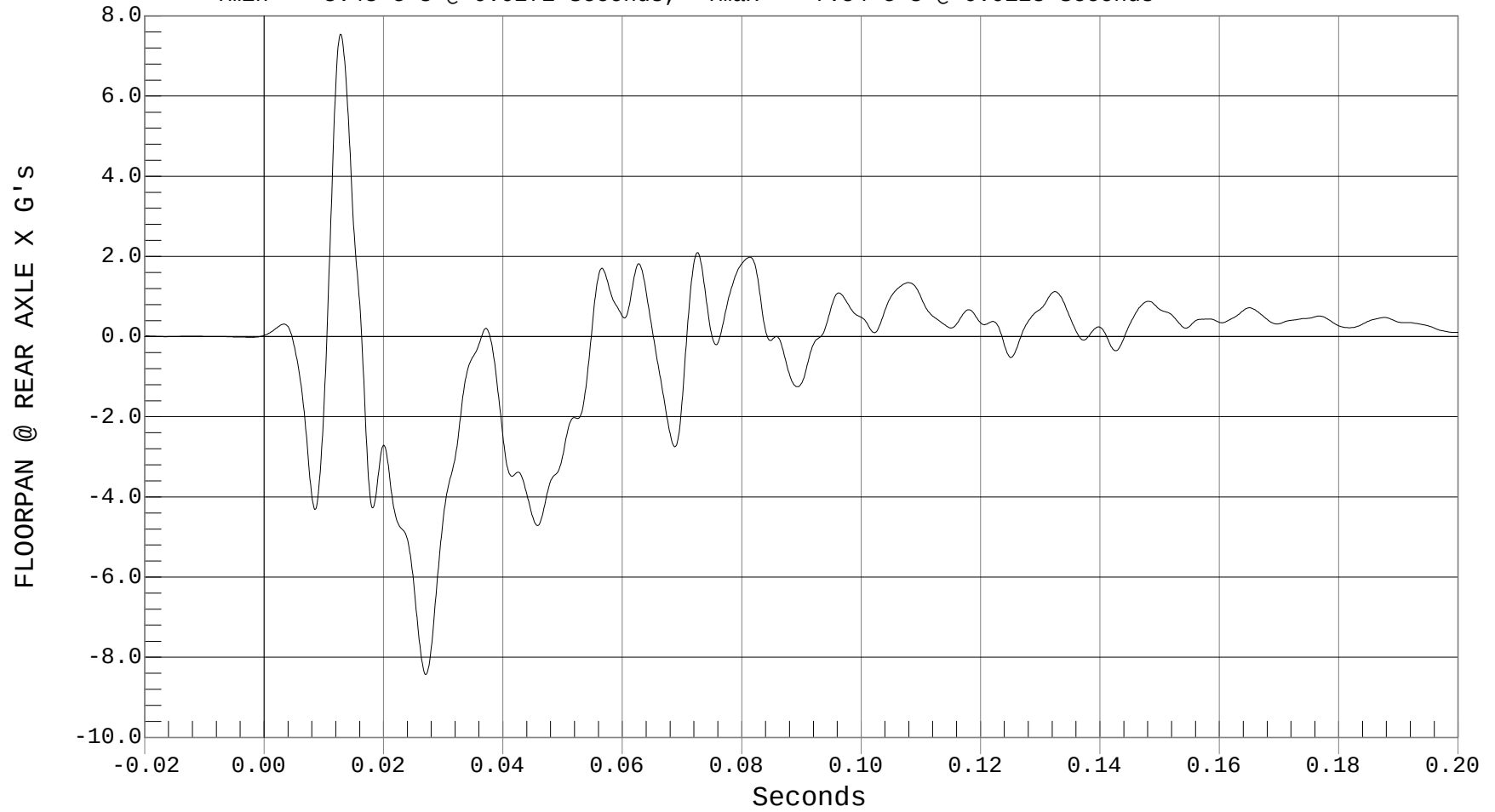
REAR FLOORPAN ABOVE AXLE X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 FLOORPAN @ REAR AXLE X, B00091AF.A23

Ymin = -8.43 G's @ 0.0271 Seconds, Ymax = 7.54 G's @ 0.0128 Seconds





REAR FLOORPAN ABOVE AXLE X VELOCITY

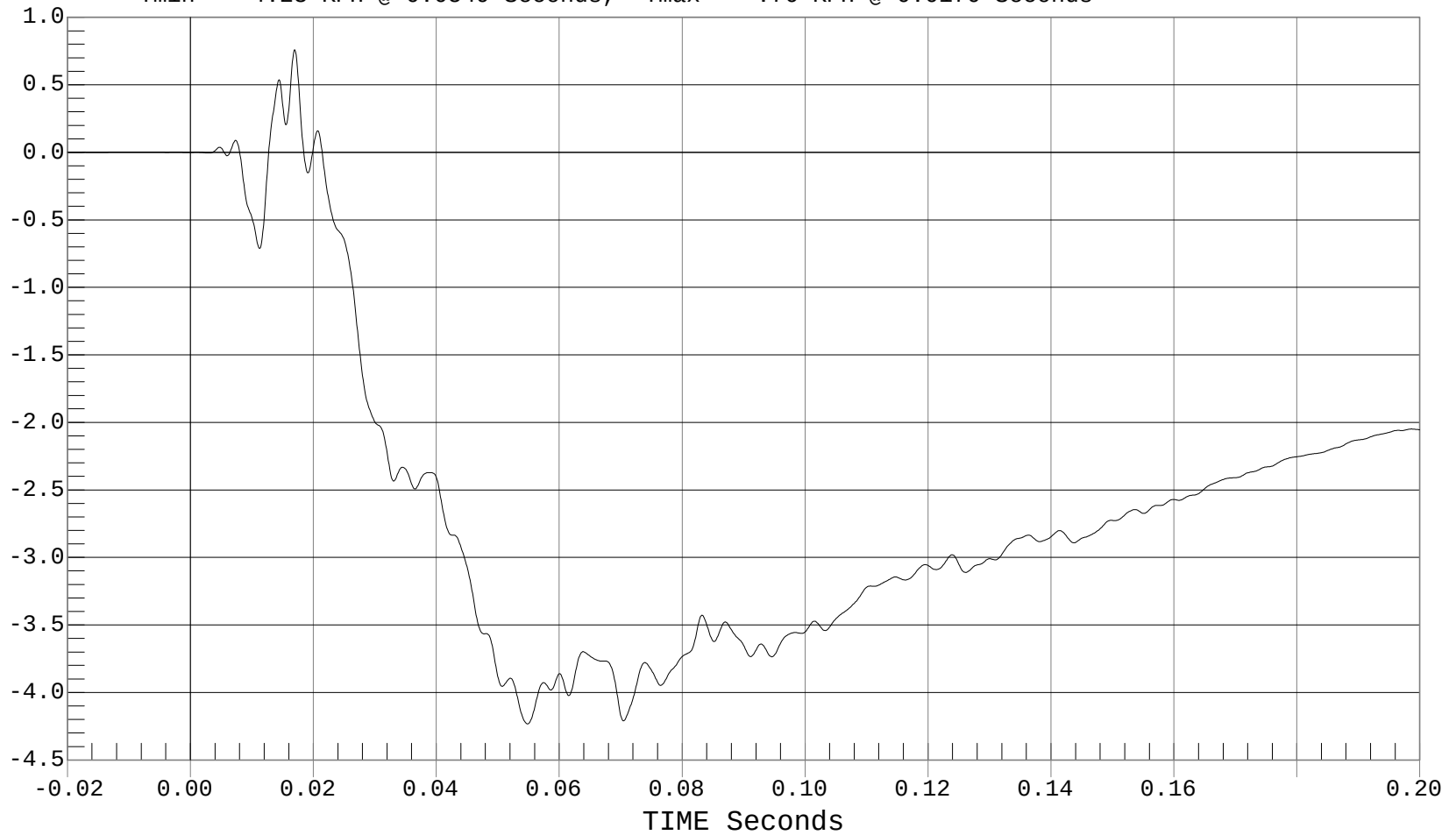
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR FLOORPAN ABOVE AXLE Y VELOCITY, B00091AI.V23

Ymin = -4.23 KPH @ 0.0549 Seconds, Ymax = .76 KPH @ 0.0170 Seconds

REAR FLOORPAN ABOVE AXLE Y VELOCITY KPH





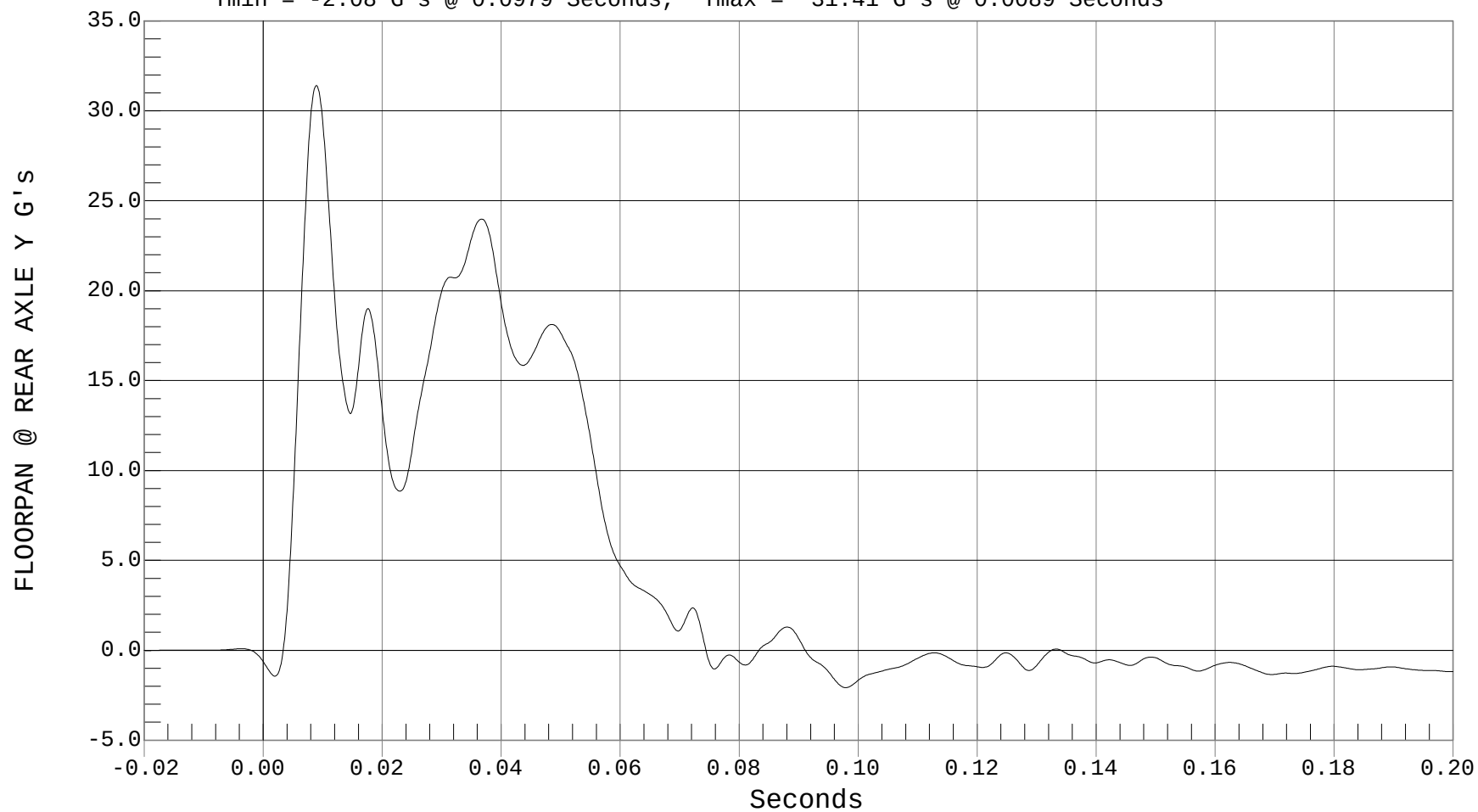
REAR FLOORPAN ABOVE AXLE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 FLOORPAN @ REAR AXLE Y, B00091AF.A24

Ymin = -2.08 G's @ 0.0979 Seconds, Ymax = 31.41 G's @ 0.0089 Seconds





REAR FLOORPAN ABOVE AXLE Y VELOCITY

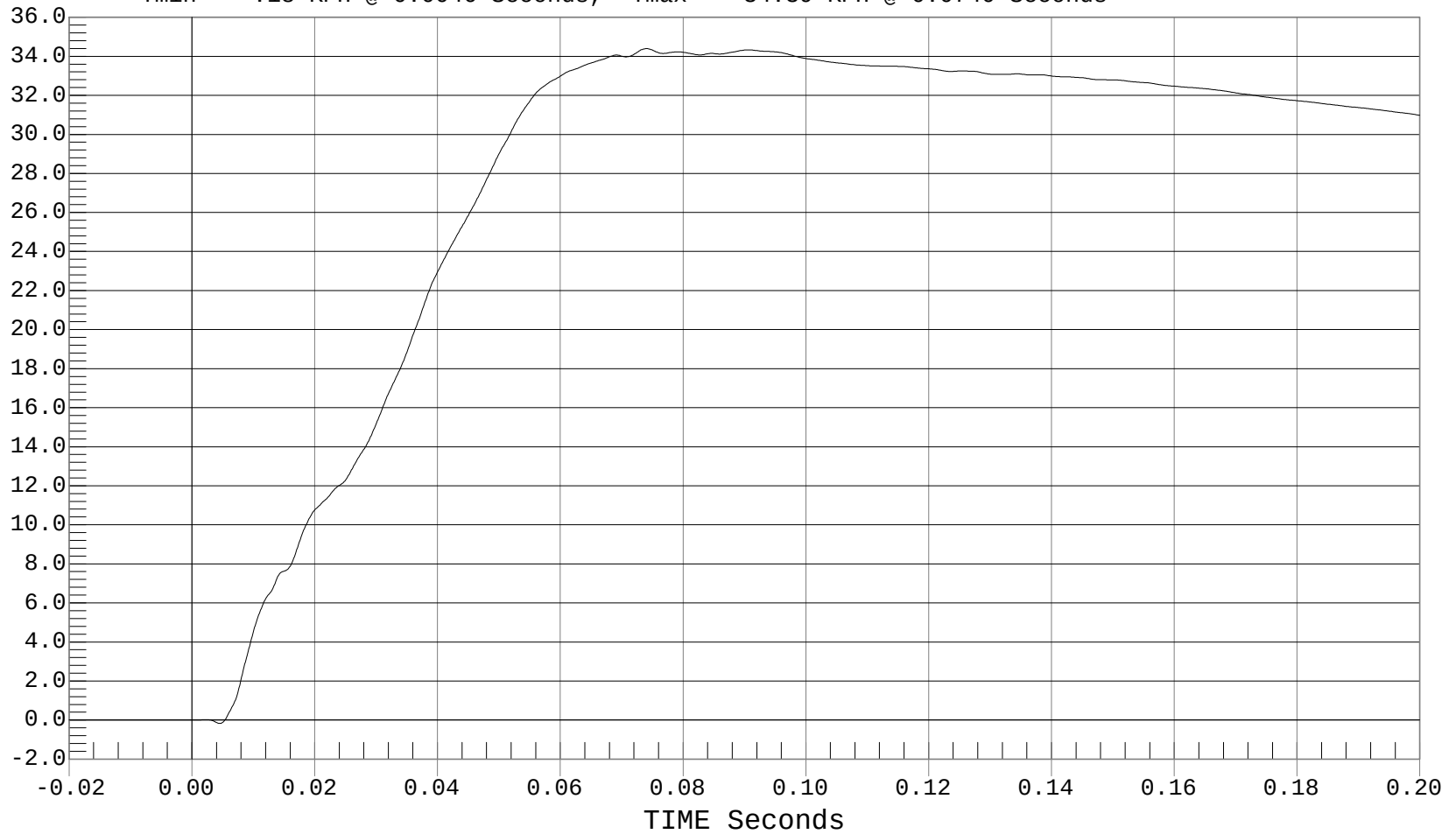
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR FLOORPAN ABOVE AXLE X VELOCITY, B00091AI.V24

Ymin = -.18 KPH @ 0.0046 Seconds, Ymax = 34.39 KPH @ 0.0740 Seconds

REAR FLOORPAN ABOVE AXLE X VELOCITY KPH





REAR FLOORPAN ABOVE AXLE Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT

Test Date: 10-31-00

Component: 2001 HONDA ACCORD 2 DOOR

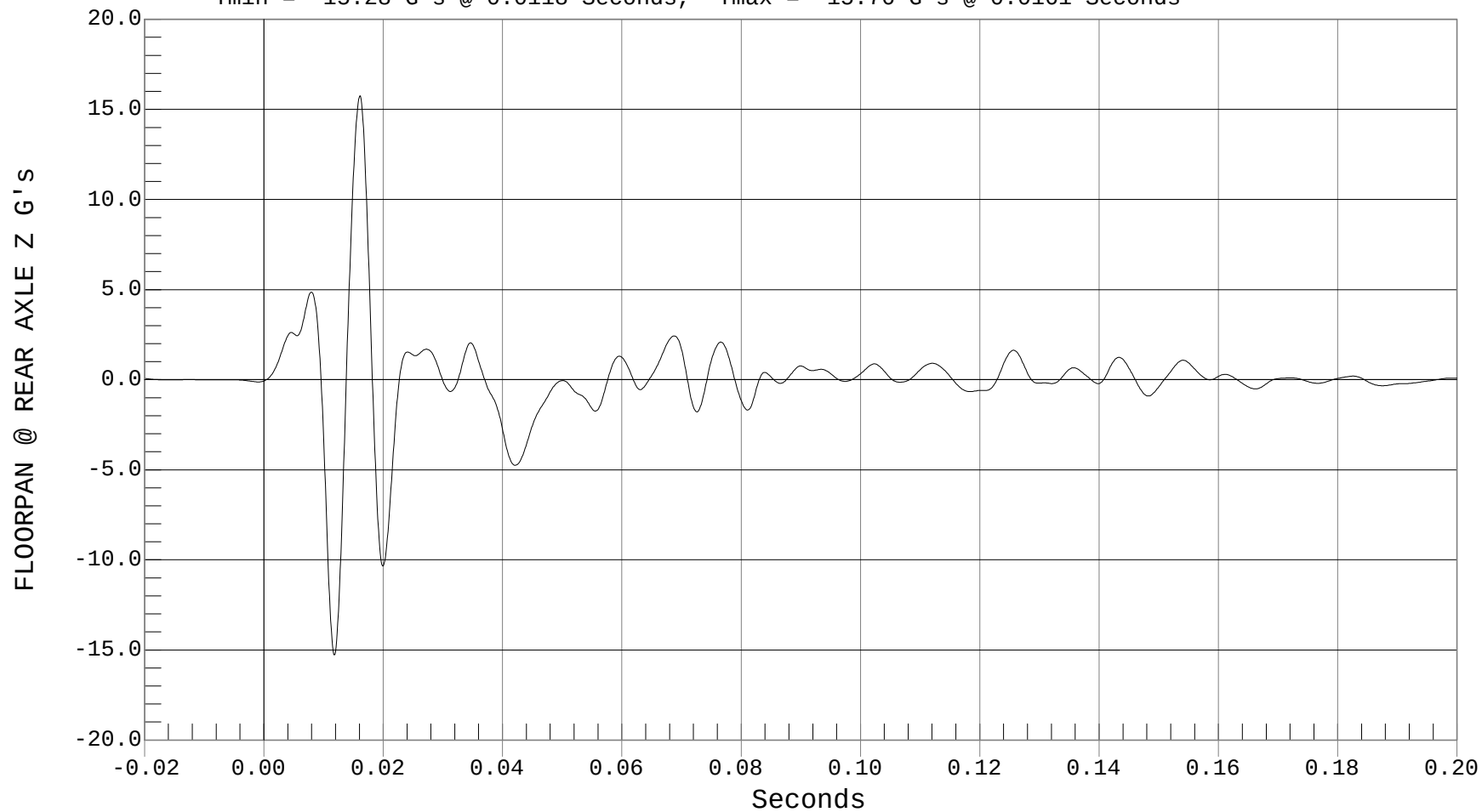
Speed: 38.2 MPH, 61.5 KPH

Other Info:

Filter Class: 60

— 1 FLOORPAN @ REAR AXLE Z, B00091AF.A25

Ymin = -15.28 G's @ 0.0118 Seconds, Ymax = 15.76 G's @ 0.0161 Seconds





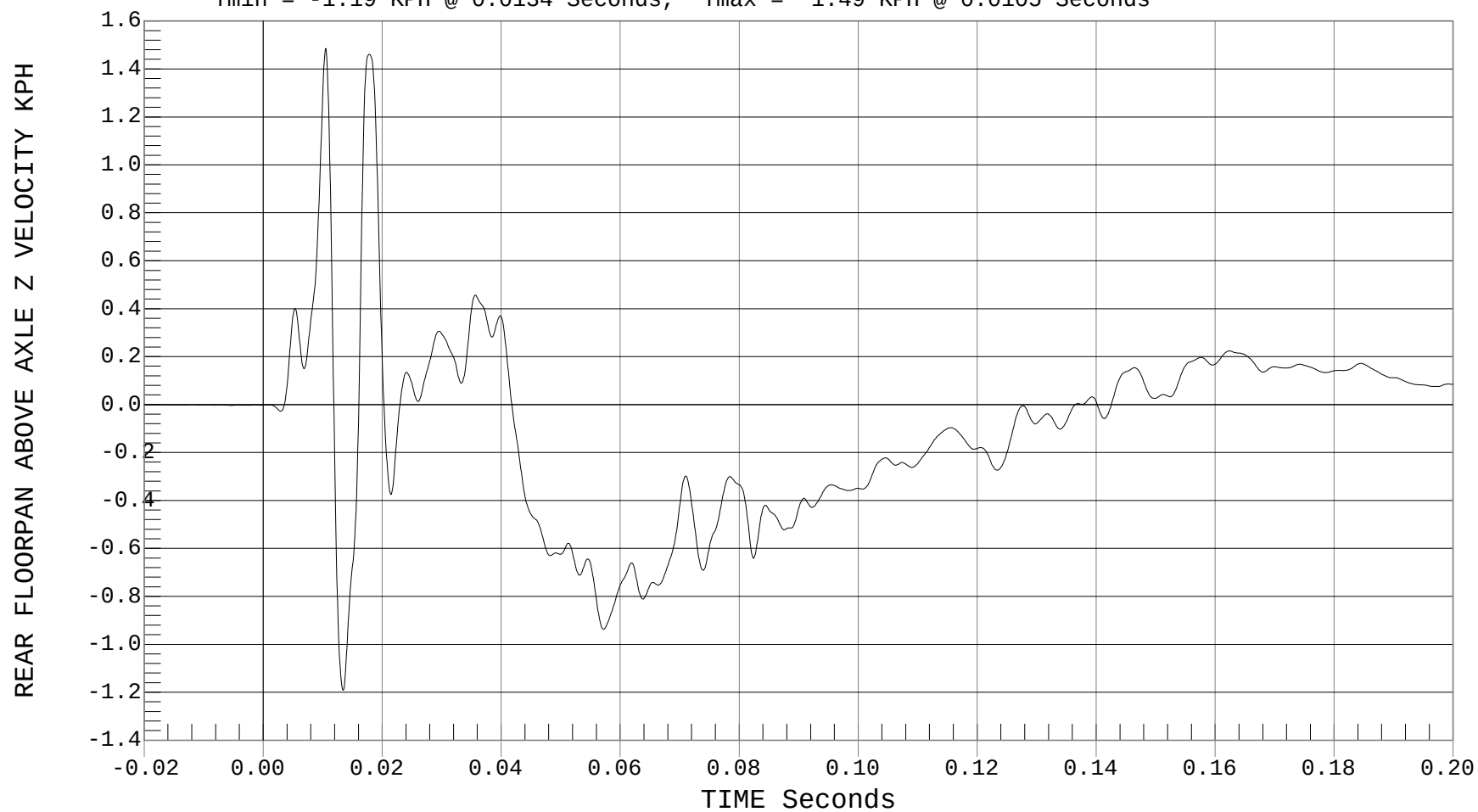
REAR FLOORPAN ABOVE AXLE Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR FLOORPAN ABOVE AXLE Z VELOCITY, B00091AI.V25

Ymin = -1.19 KPH @ 0.0134 Seconds, Ymax = 1.49 KPH @ 0.0105 Seconds





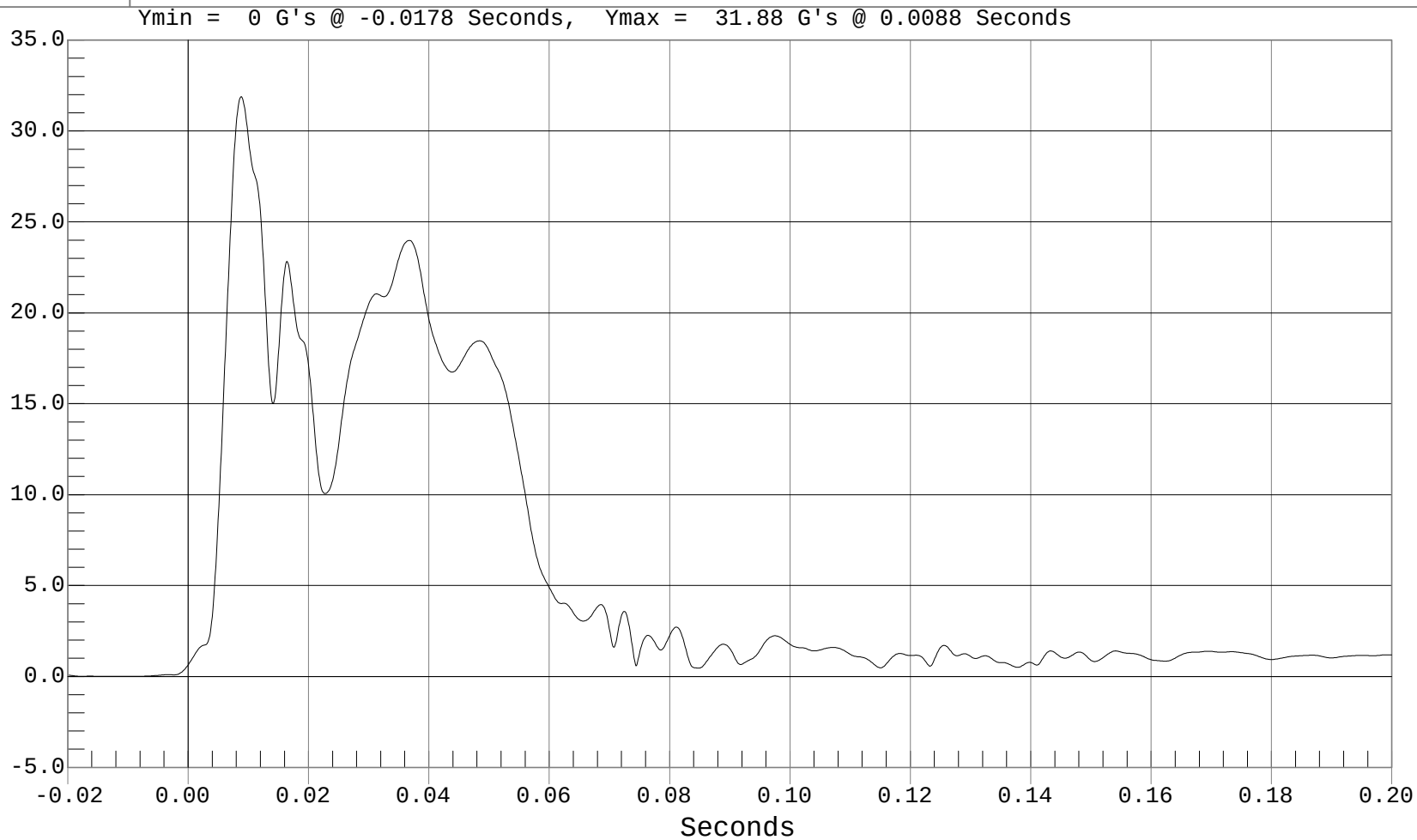
REAR FLOORPAN ABOVE AXLE RESULTANT ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 REAR FLOORPAN ABOVE AXLE RESULTANT ACCELERATION, B00091AV.A23

REAR FLOORPAN ABOVE AXLE RESULTANT ACCELERATION G's





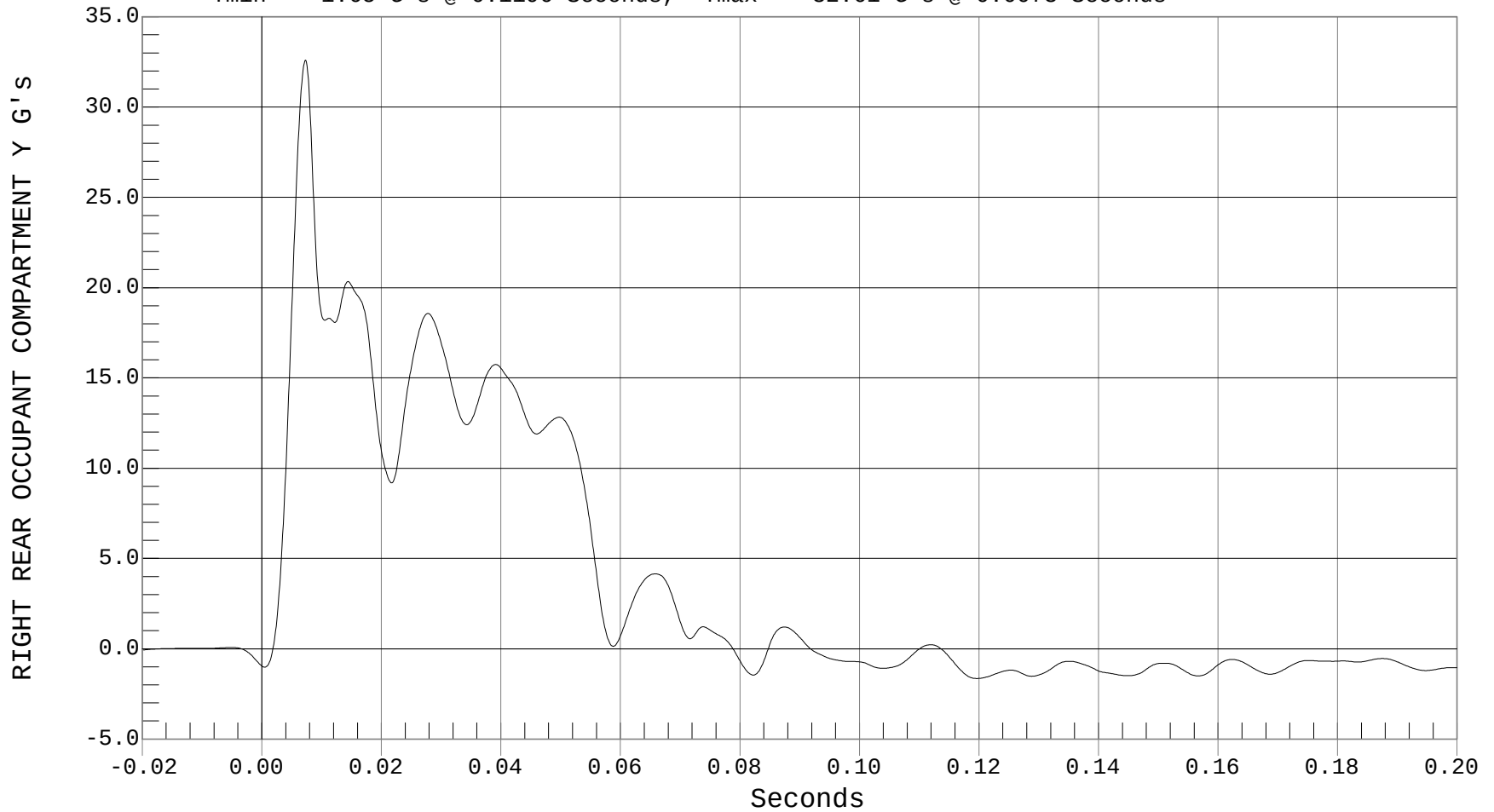
RIGHT REAR OCCUPANT COMPARTMENT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 RIGHT REAR OCCUPANT COMPARTMENT Y, B00091AF.A31

Ymin = -1.65 G's @ 0.1196 Seconds, Ymax = 32.61 G's @ 0.0073 Seconds





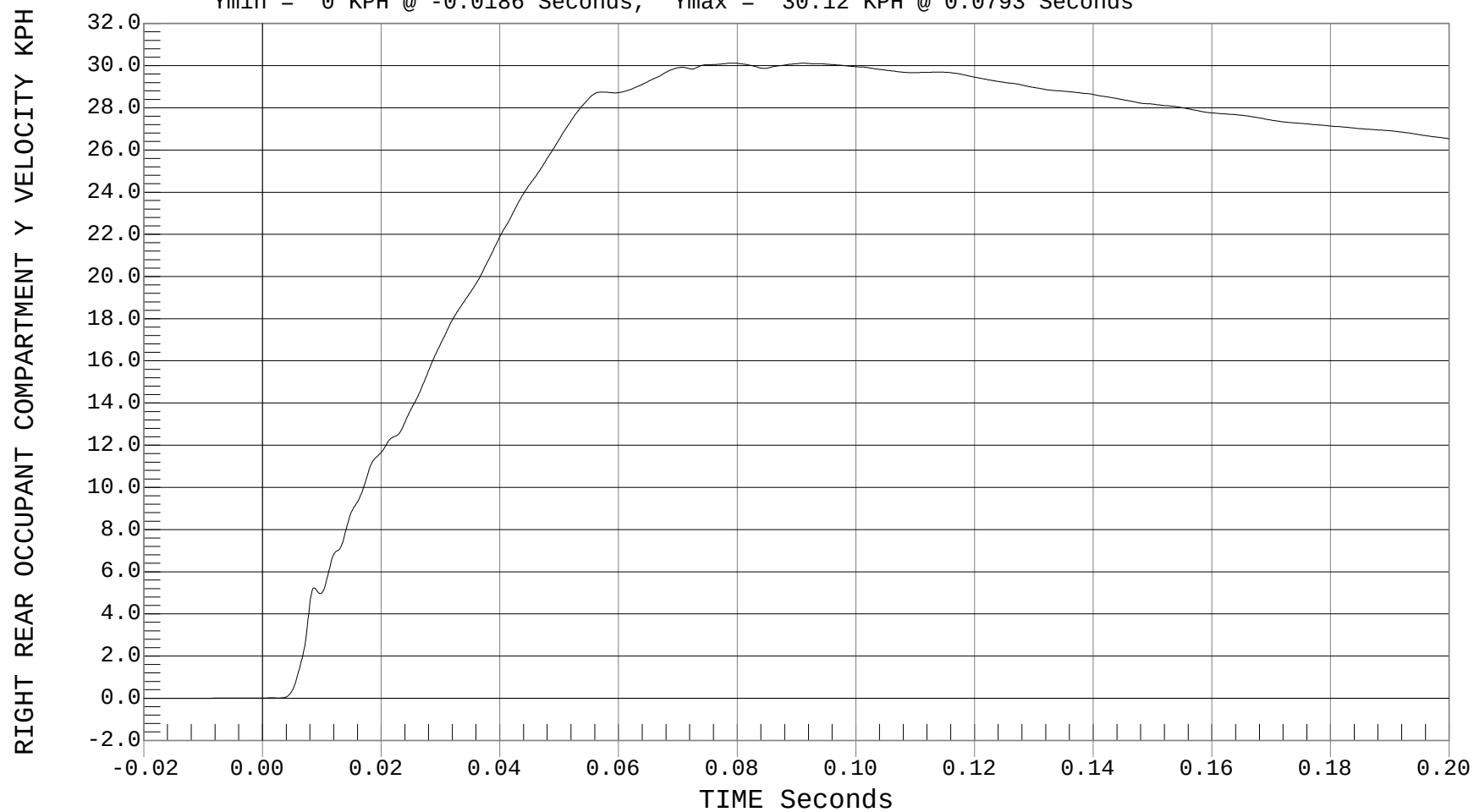
RIGHT REAR OCCUPANT COMPARTMENT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 RIGHT REAR OCCUPANT COMPARTMENT Y VELOCITY, B00091AI.V31

Ymin = 0 KPH @ -0.0186 Seconds, Ymax = 30.12 KPH @ 0.0793 Seconds





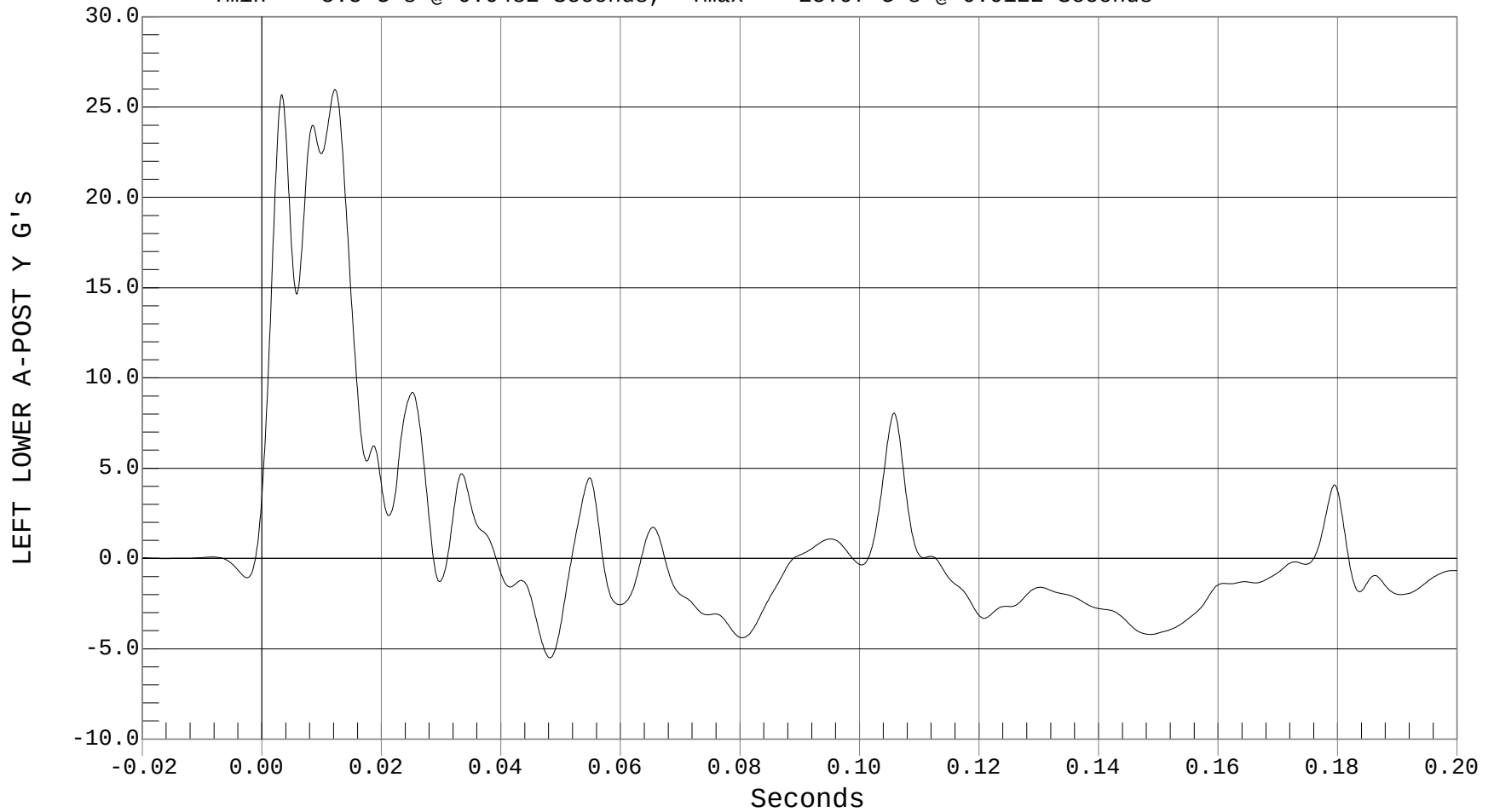
LEFT LOWER A-POST Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT LOWER A-POST Y, B00091AF.A27

Ymin = -5.5 G's @ 0.0482 Seconds, Ymax = 25.97 G's @ 0.0122 Seconds





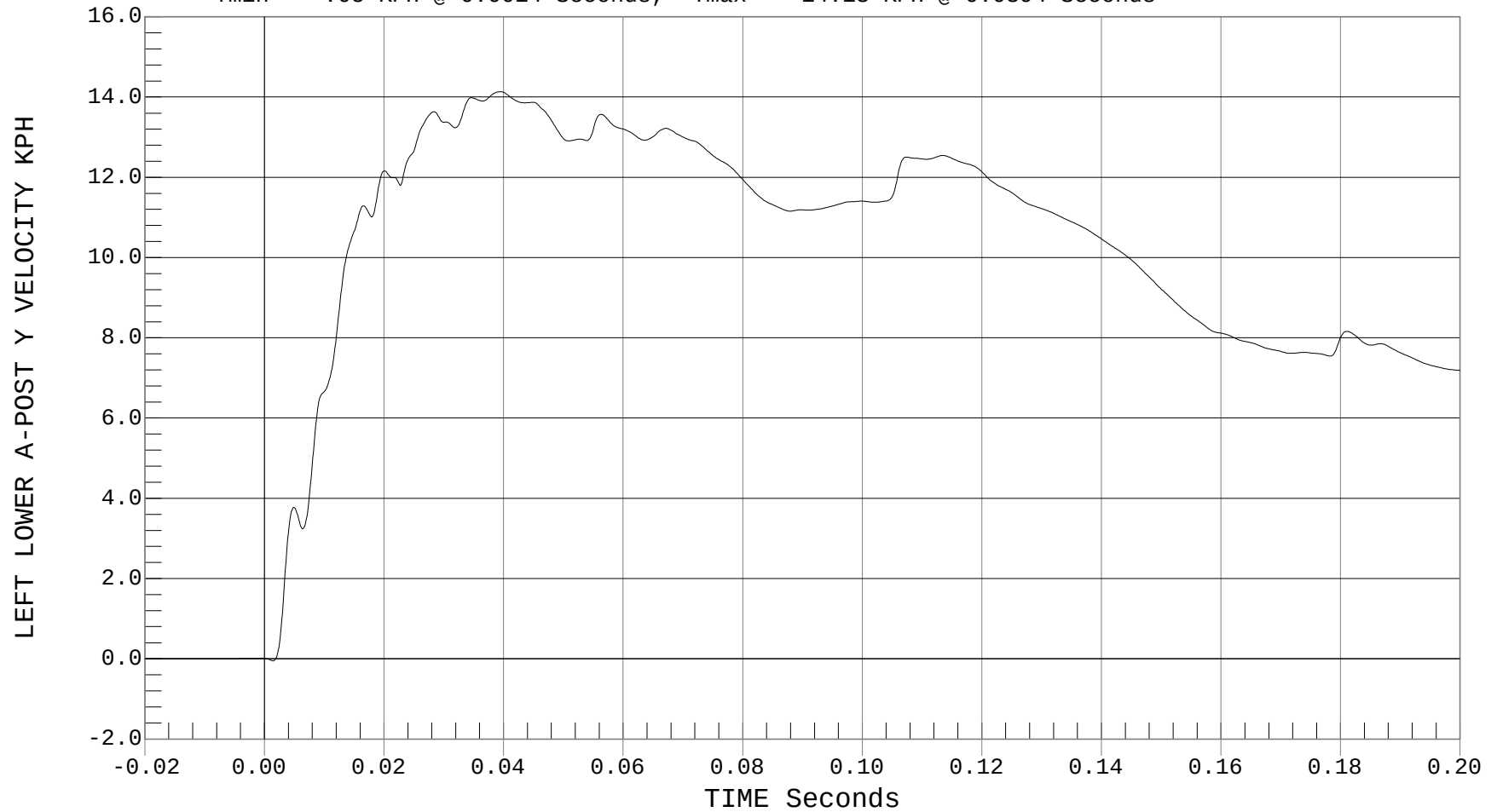
LEFT LOWER A-POST Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT LOWER A-POST Y VELOCITY, B00091AI.V27

Ymin = -.05 KPH @ 0.0014 Seconds, Ymax = 14.13 KPH @ 0.0394 Seconds





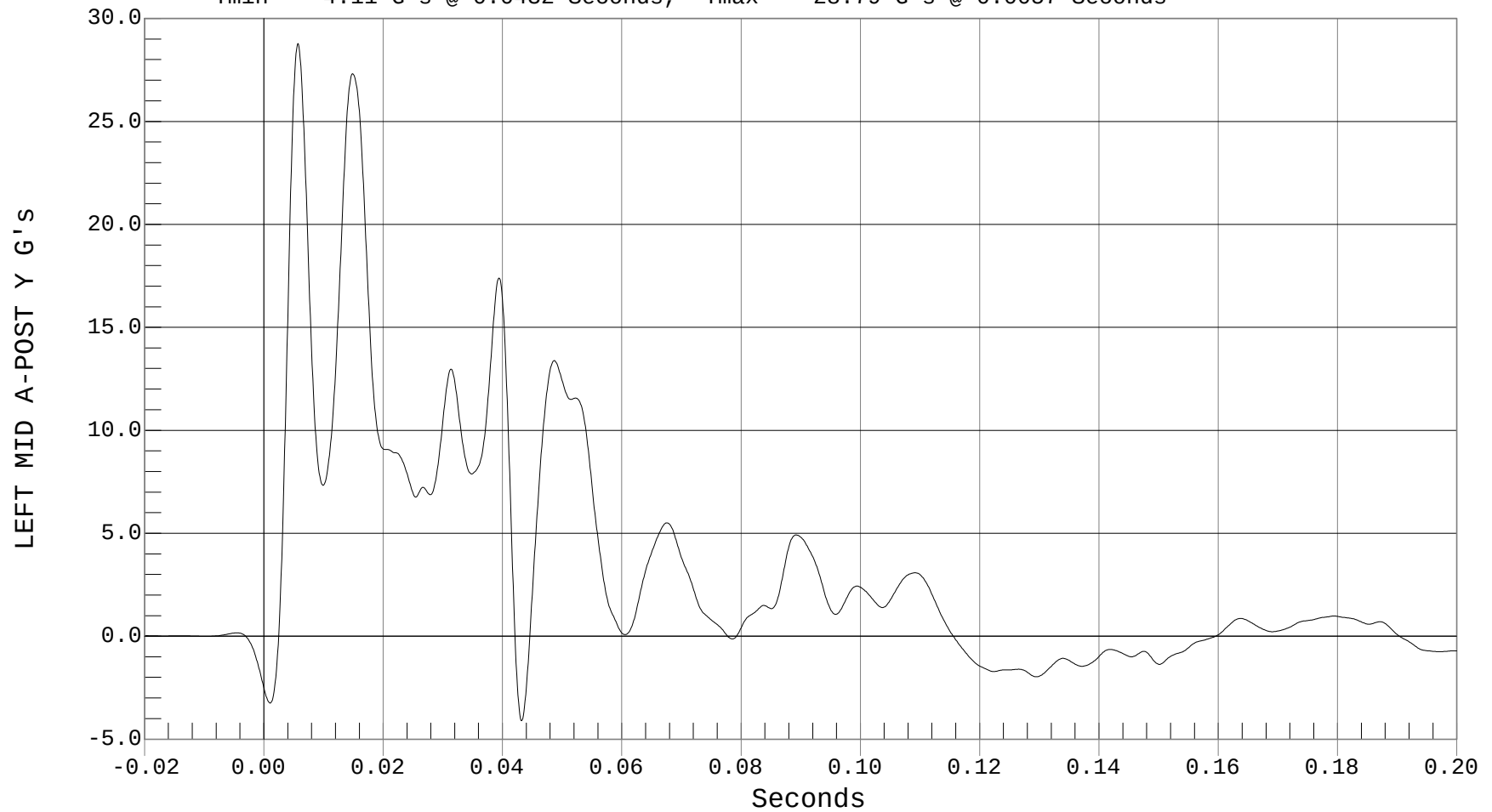
LEFT MID A-POST Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT MID A-POST Y, B00091AF.A26

Ymin = -4.11 G's @ 0.0432 Seconds, Ymax = 28.79 G's @ 0.0057 Seconds





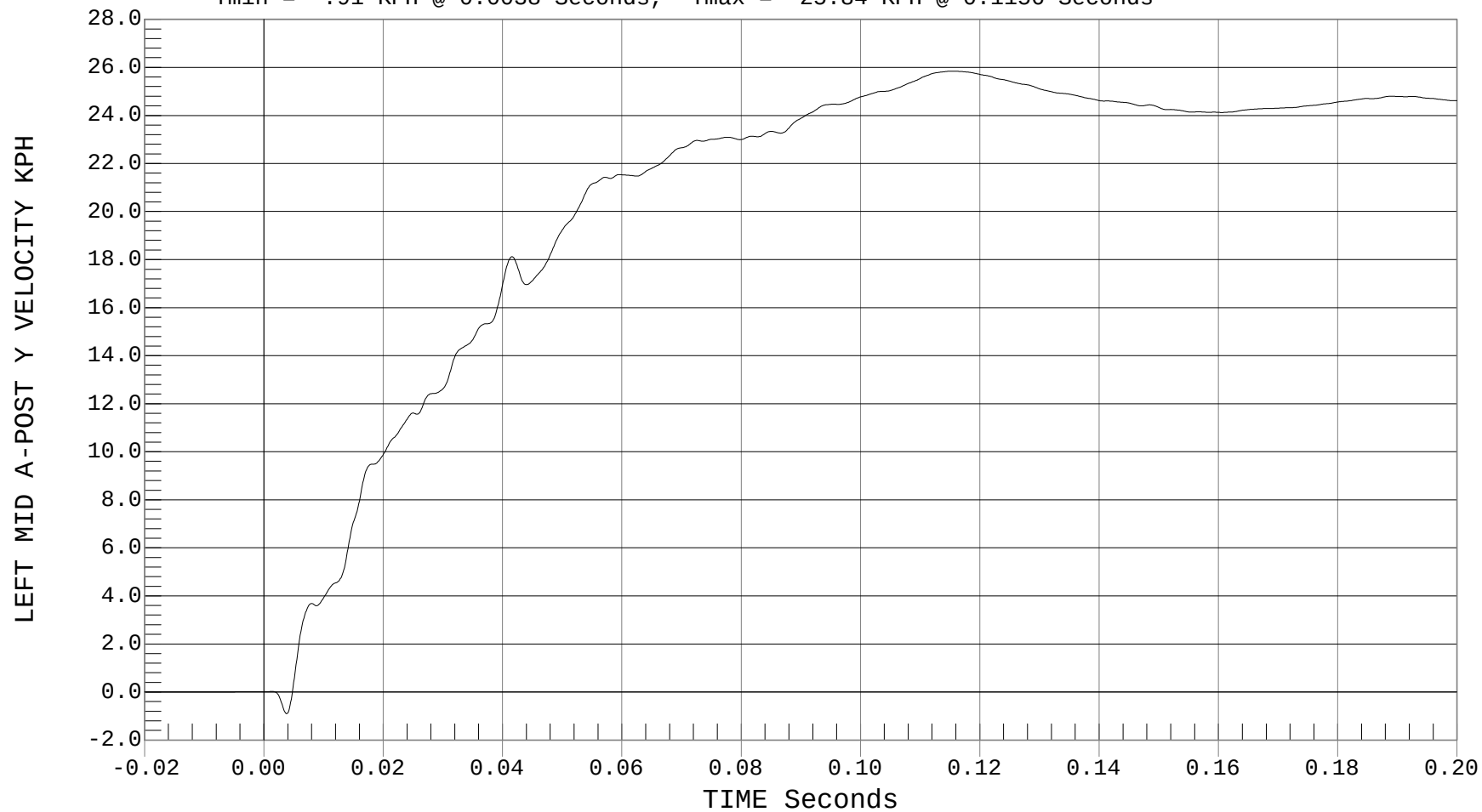
LEFT MID A-POST Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT MID A-POST Y VELOCITY, B00091AI.V26

Ymin = -.91 KPH @ 0.0038 Seconds, Ymax = 25.84 KPH @ 0.1156 Seconds





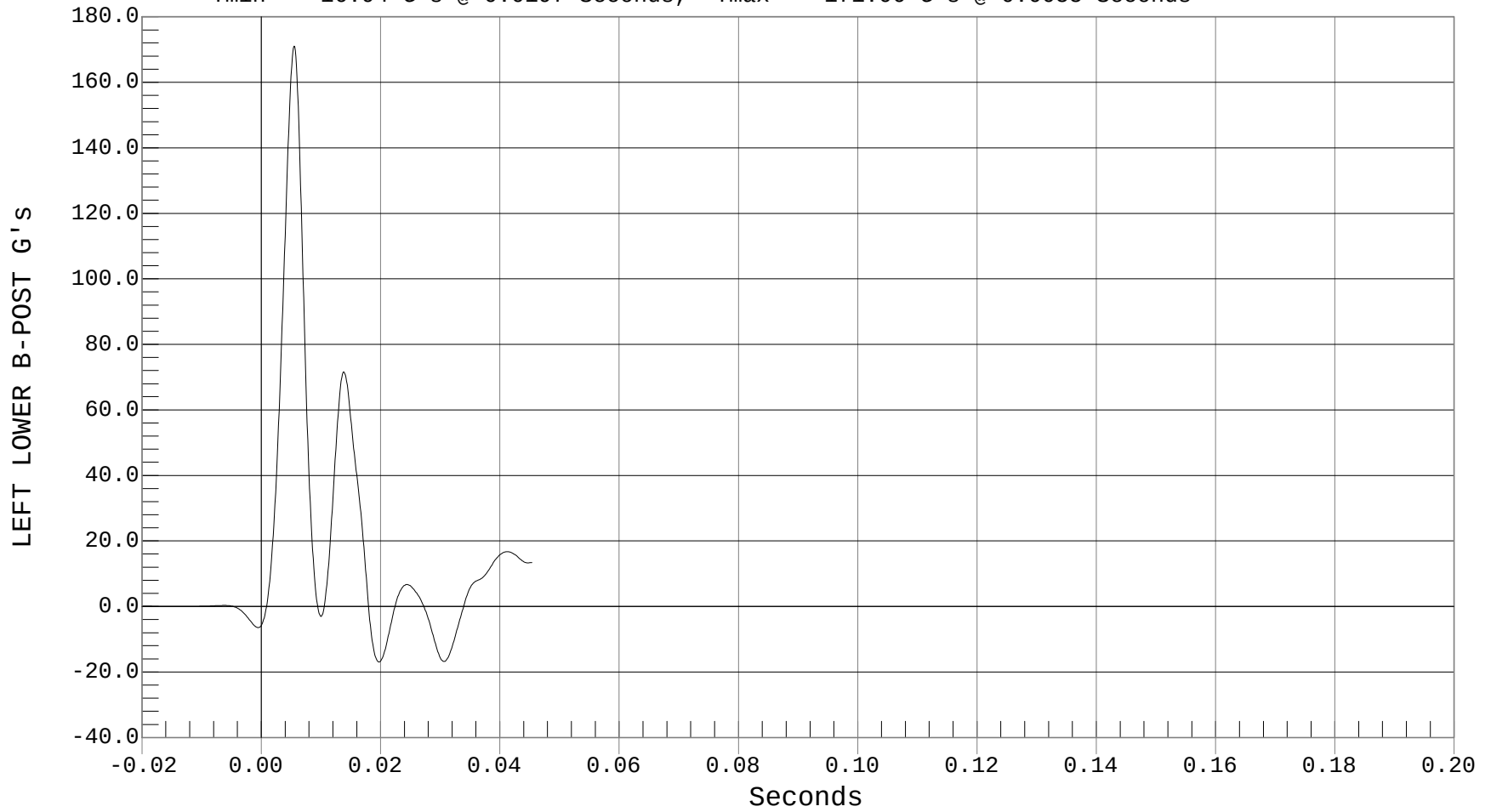
LEFT LOWER B-POST Y ACCELERATION (QD AFTER 44 msec)

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT LOWER B-POST, B00091AF.A29

Ymin = -16.94 G's @ 0.0197 Seconds, Ymax = 171.06 G's @ 0.0055 Seconds





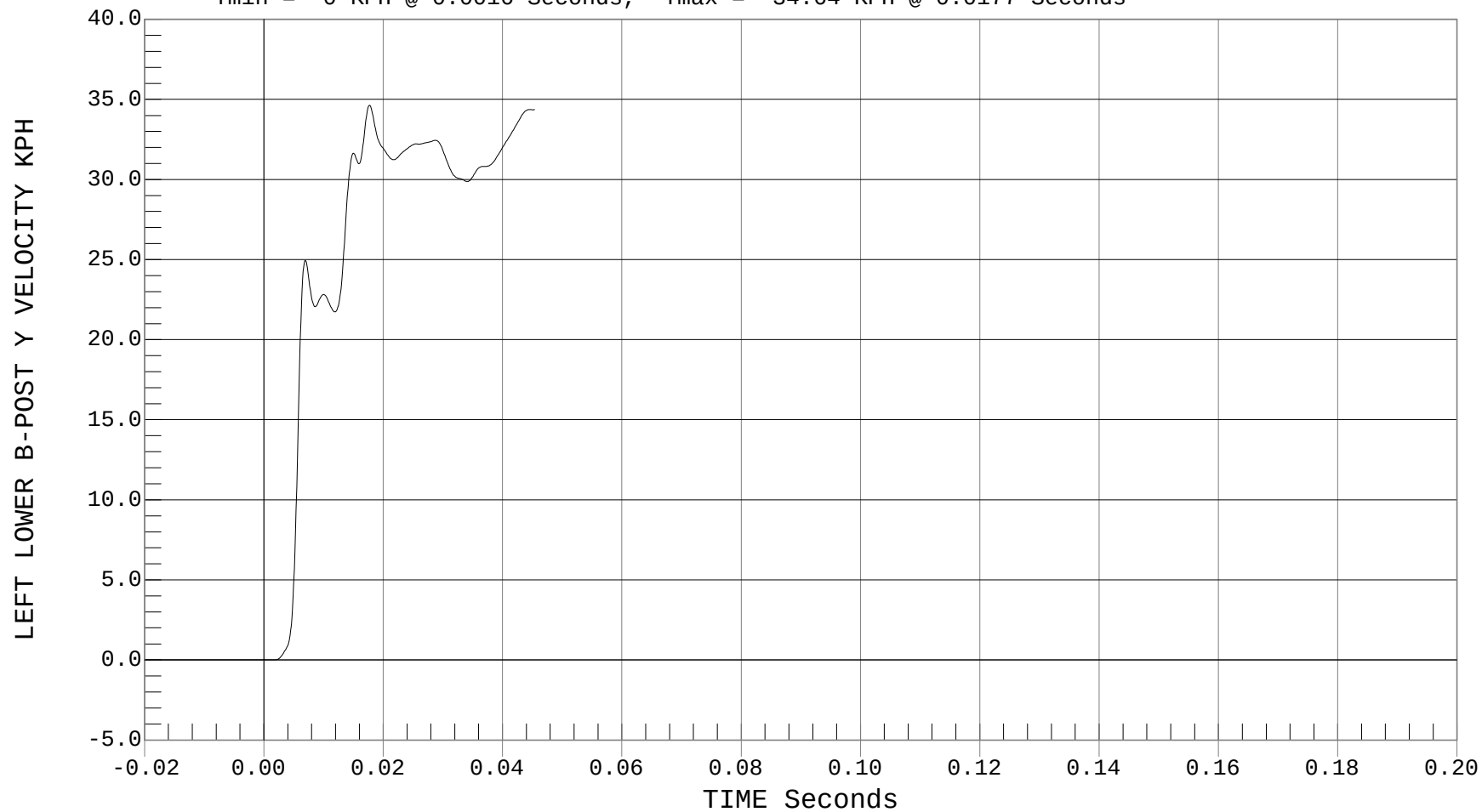
LEFT LOWER B-POST Y VELOCITY (QD AFTER 44 msec)

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT LOWER B-POST Y VELOCITY, B00091AI.V29

Ymin = 0 KPH @ 0.0016 Seconds, Ymax = 34.64 KPH @ 0.0177 Seconds





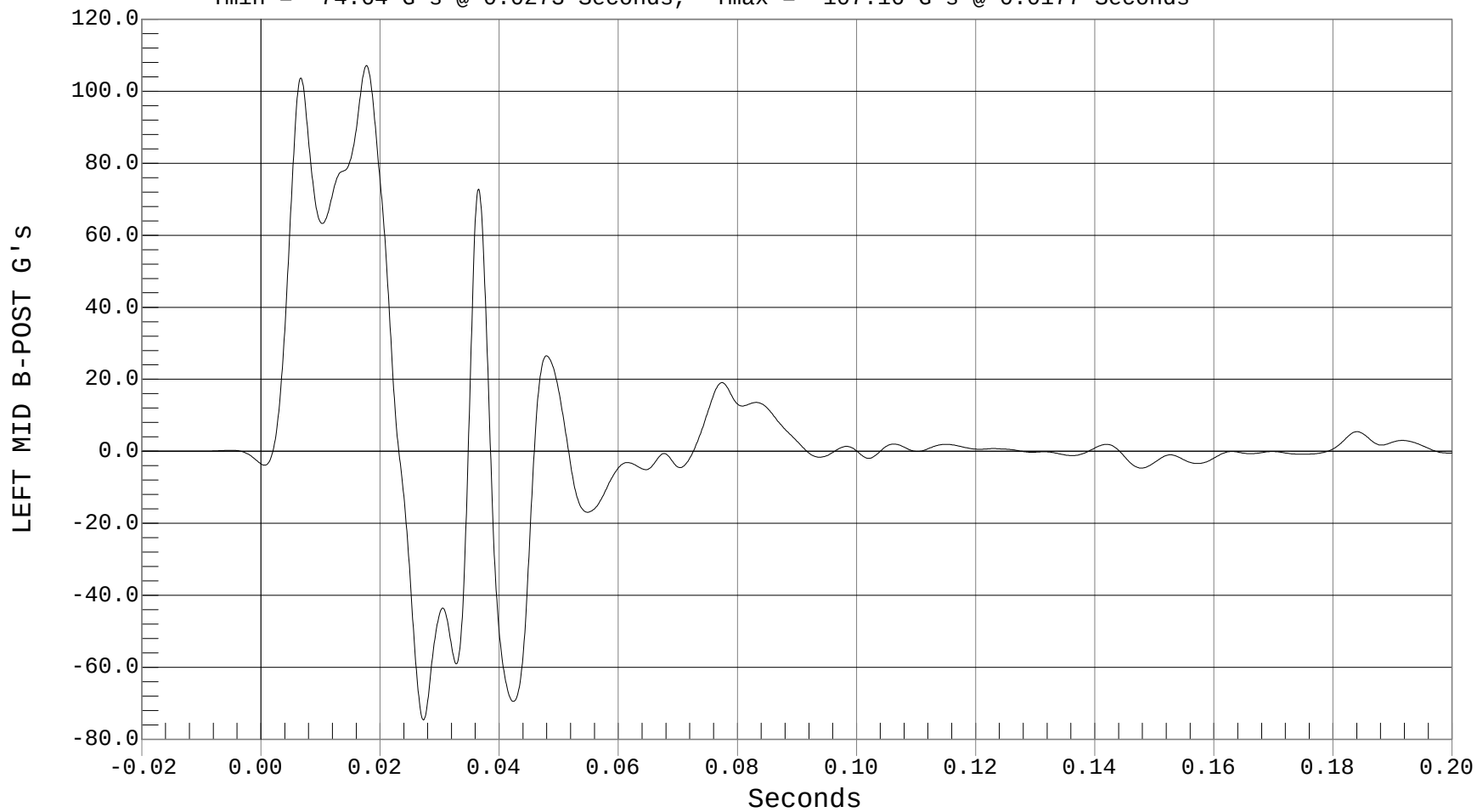
LEFT MID B-POST Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT MID B-POST, B00091AF.A28

Ymin = -74.64 G's @ 0.0273 Seconds, Ymax = 107.16 G's @ 0.0177 Seconds





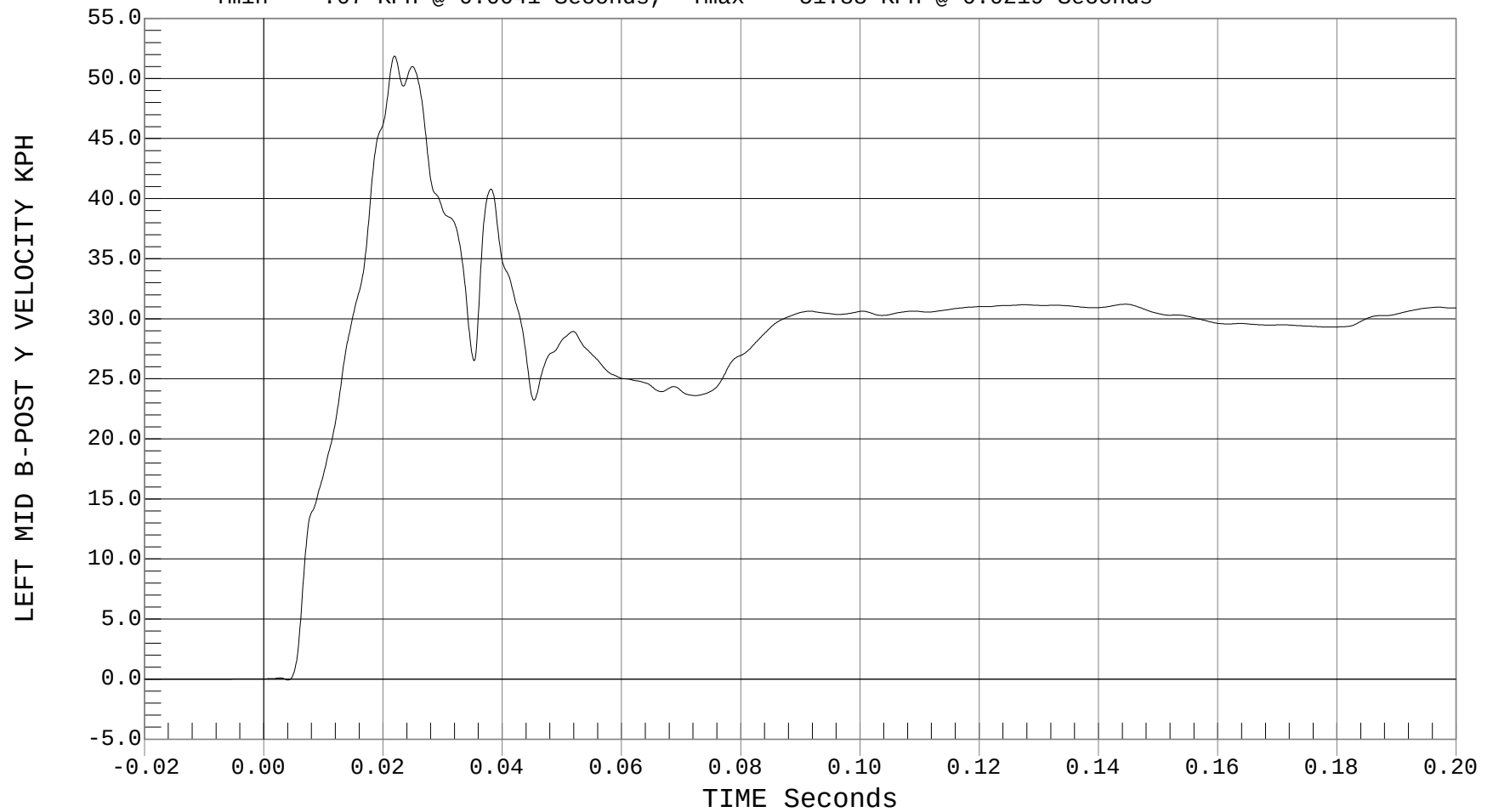
LEFT MID B-POST Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT MID B-POST Y VELOCITY, B00091AI.V28

Ymin = -.07 KPH @ 0.0041 Seconds, Ymax = 51.88 KPH @ 0.0219 Seconds





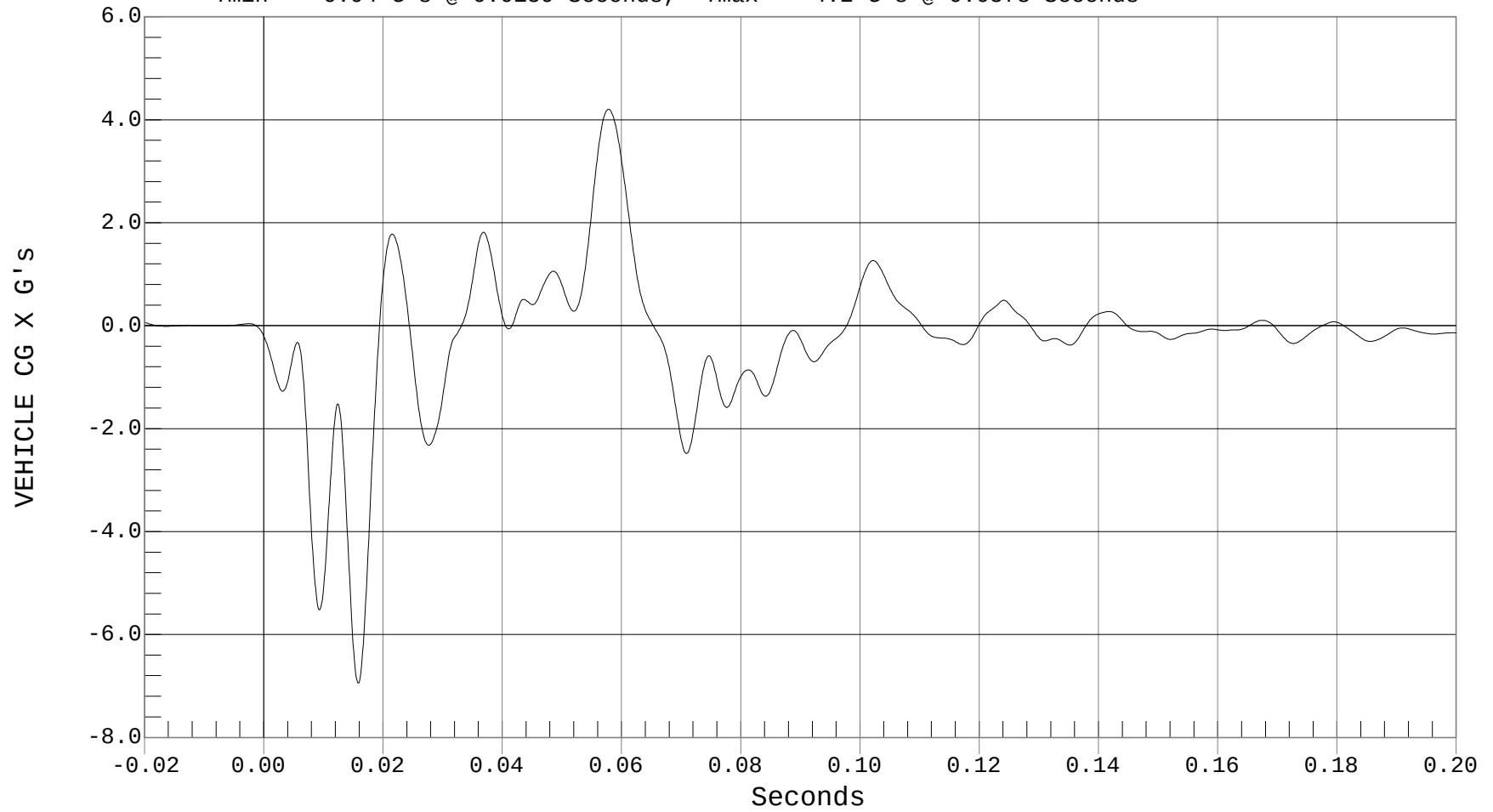
VEHICLE CG X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 VEHICLE CG X, B00091AF.A33

Ymin = -6.94 G's @ 0.0159 Seconds, Ymax = 4.2 G's @ 0.0578 Seconds





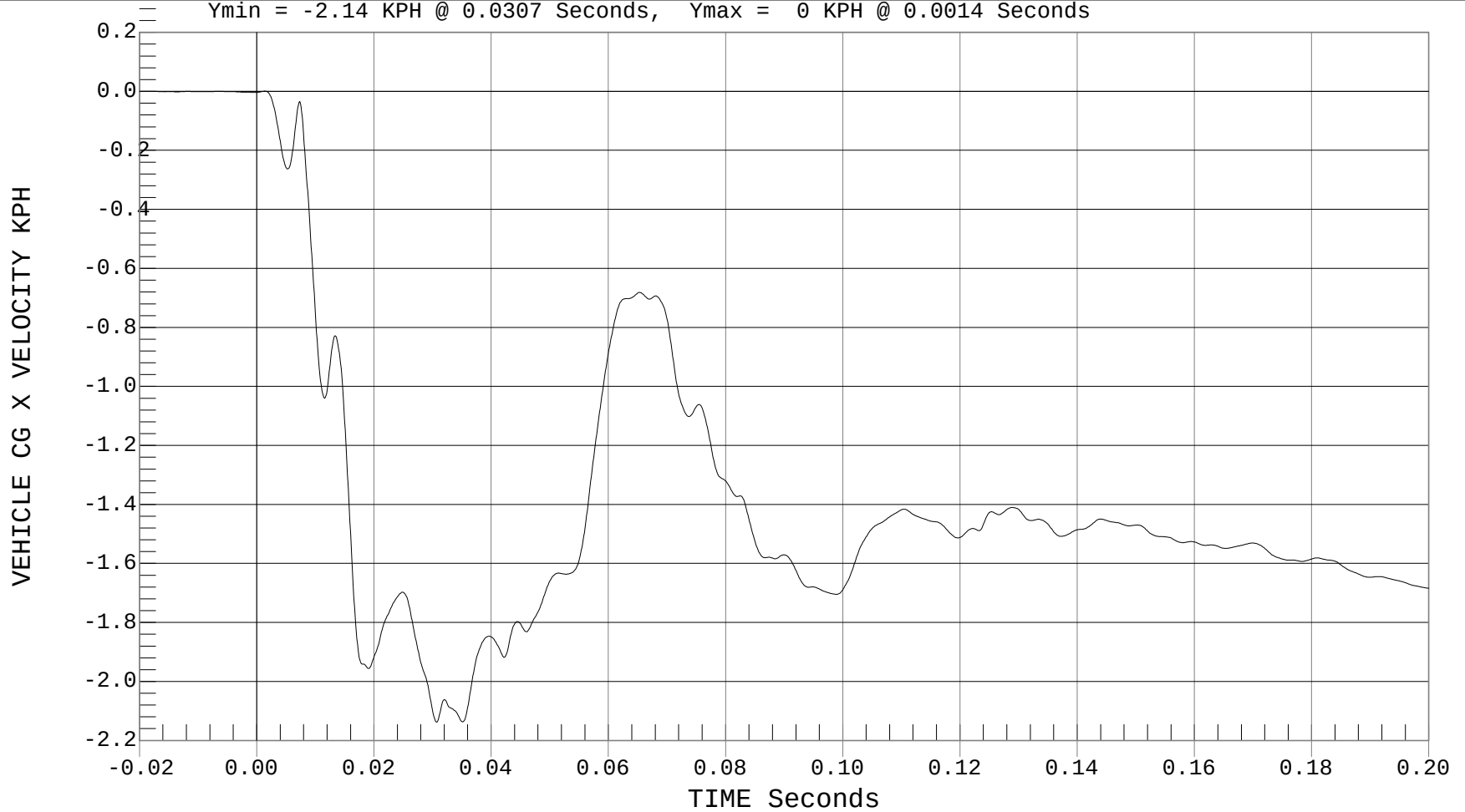
VEHICLE CG X VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 VEHICLE CG X VELOCITY, B00091AI.V33

Ymin = -2.14 KPH @ 0.0307 Seconds, Ymax = 0 KPH @ 0.0014 Seconds





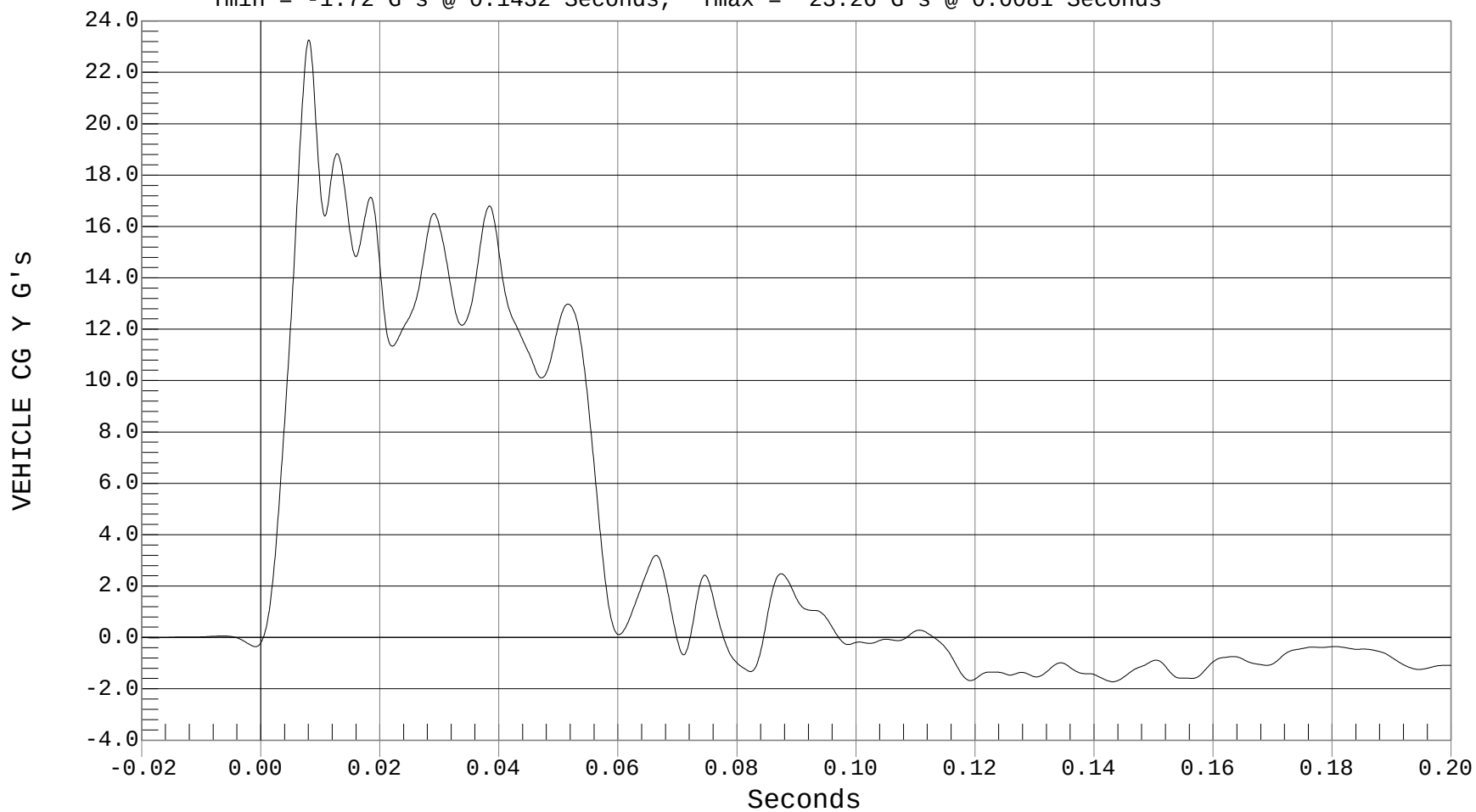
VEHICLE CG Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 VEHICLE CG Y, B00091AF.A34

Ymin = -1.72 G's @ 0.1432 Seconds, Ymax = 23.26 G's @ 0.0081 Seconds





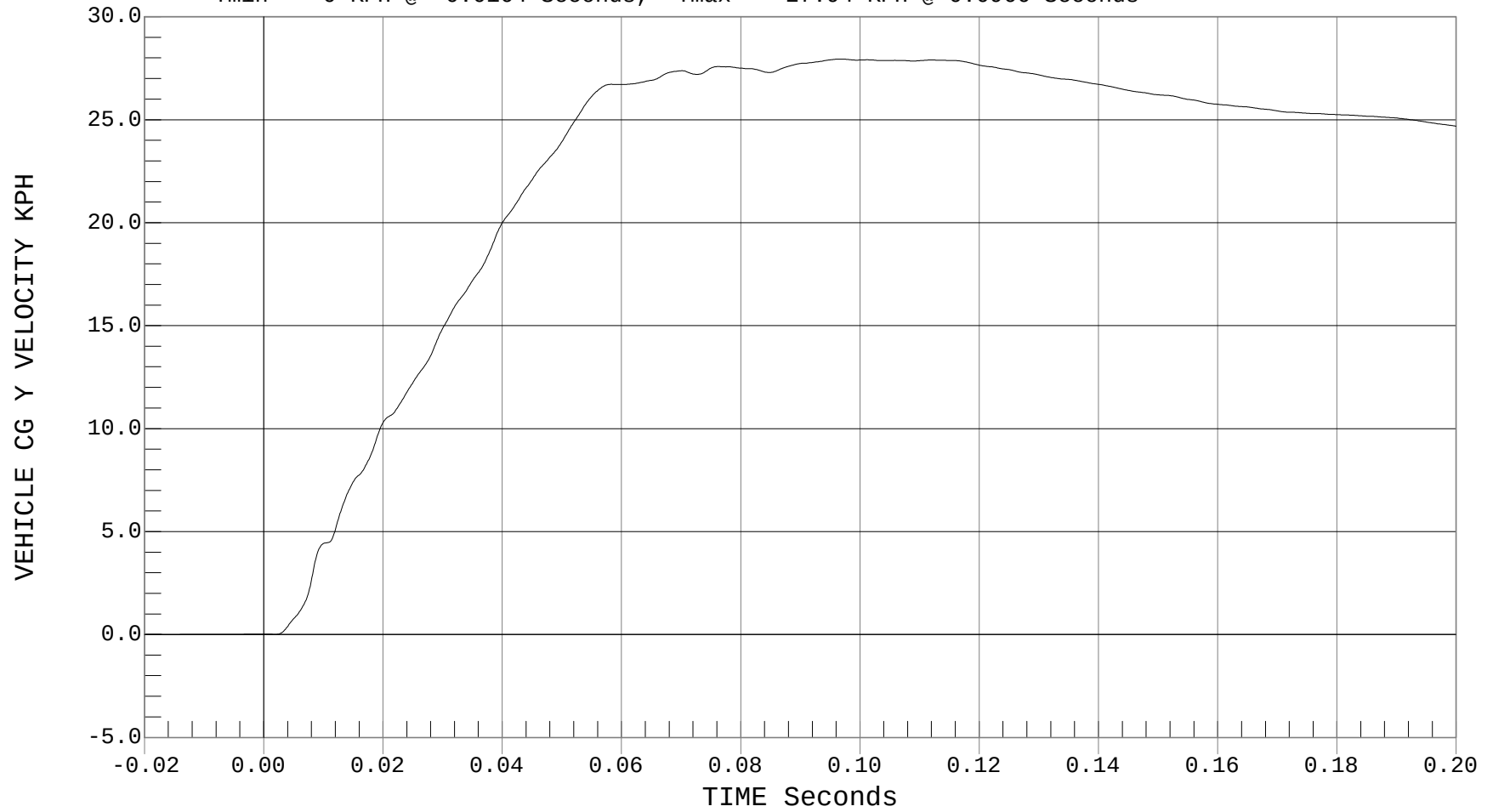
VEHICLE CG Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 VEHICLE CG Y VELOCITY, B00091AI.V34

Ymin = 0 KPH @ -0.0164 Seconds, Ymax = 27.94 KPH @ 0.0966 Seconds





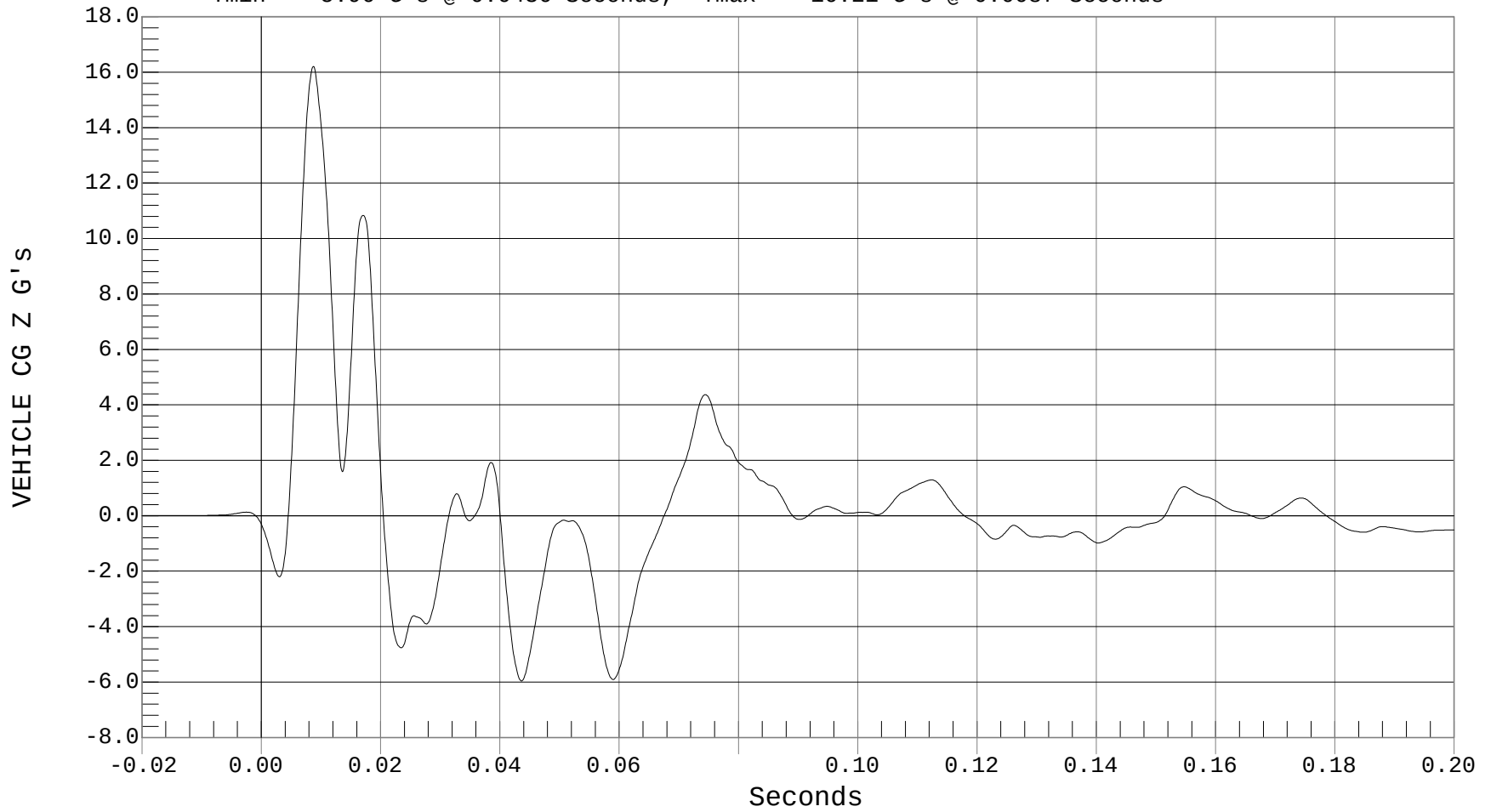
VEHICLE CG Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 VEHICLE CG Z, B00091AF.A35

Ymin = -5.96 G's @ 0.0436 Seconds, Ymax = 16.21 G's @ 0.0087 Seconds





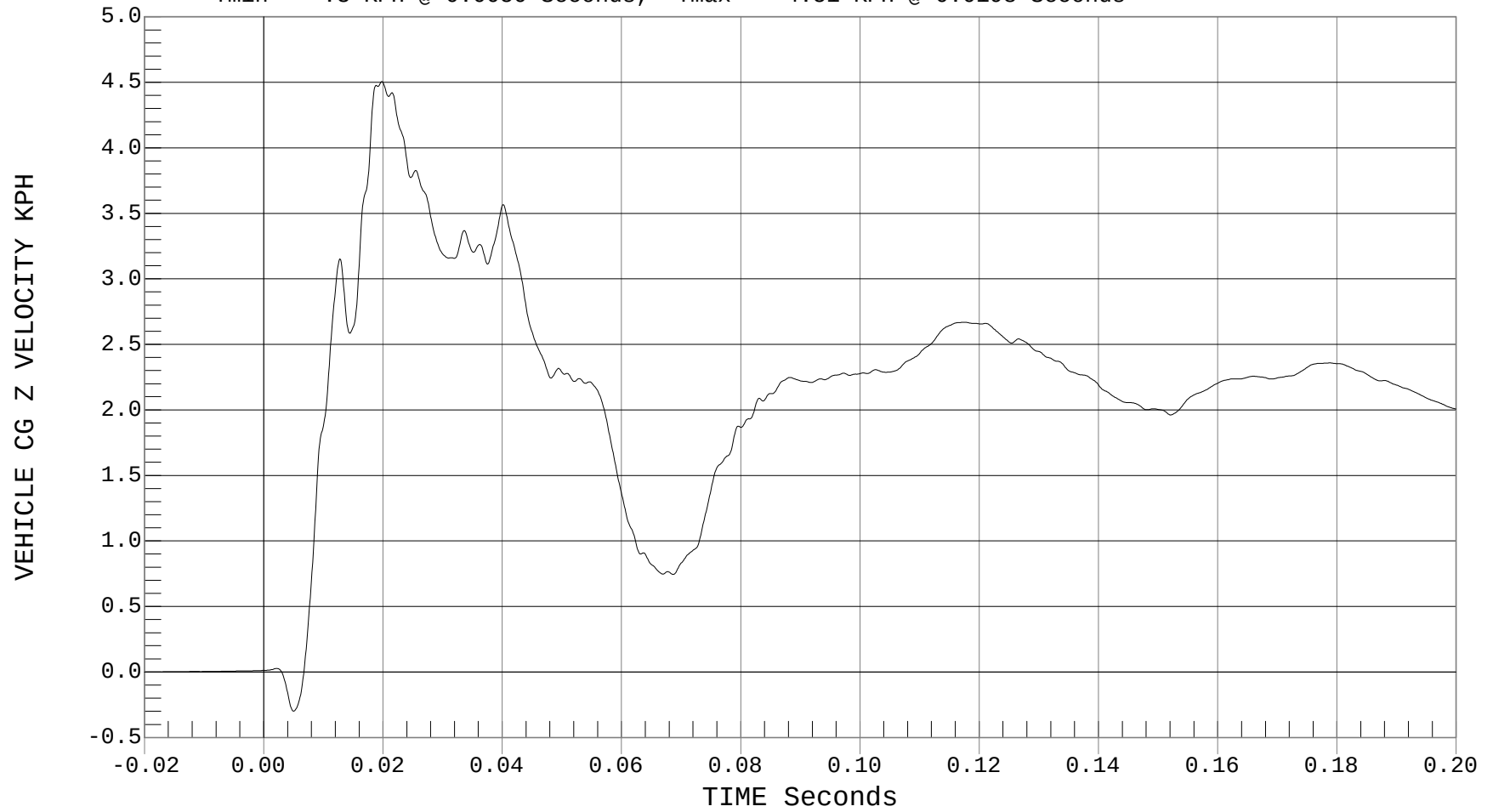
VEHICLE CG Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 VEHICLE CG Z VELOCITY, B00091AI.V35

Ymin = -.3 KPH @ 0.0050 Seconds, Ymax = 4.51 KPH @ 0.0198 Seconds





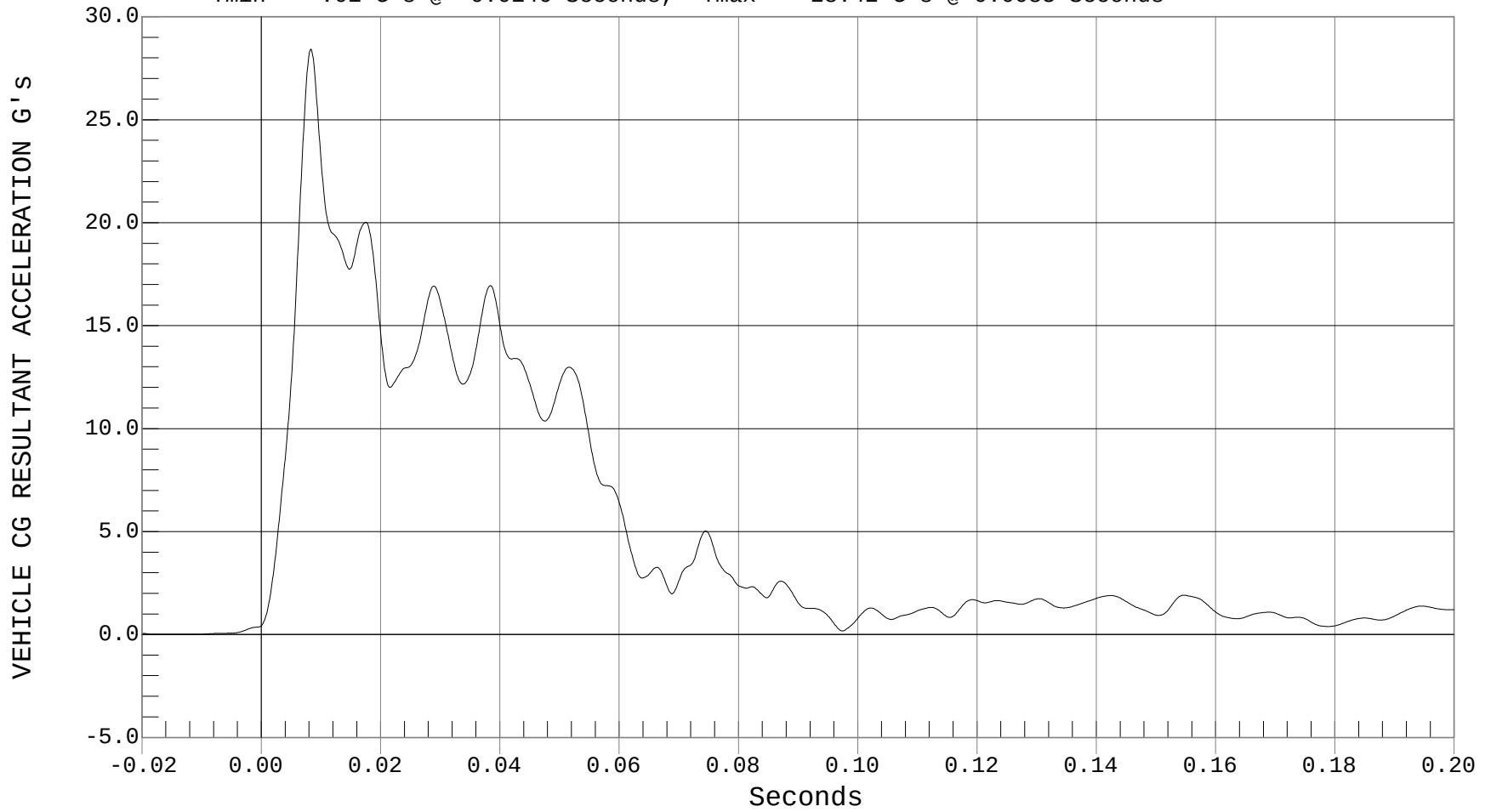
VEHICLE CG RESULTANT ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 VEHICLE CG RESULTANT ACCELERATION, B00091AV.A33

Ymin = .01 G's @ -0.0146 Seconds, Ymax = 28.42 G's @ 0.0083 Seconds





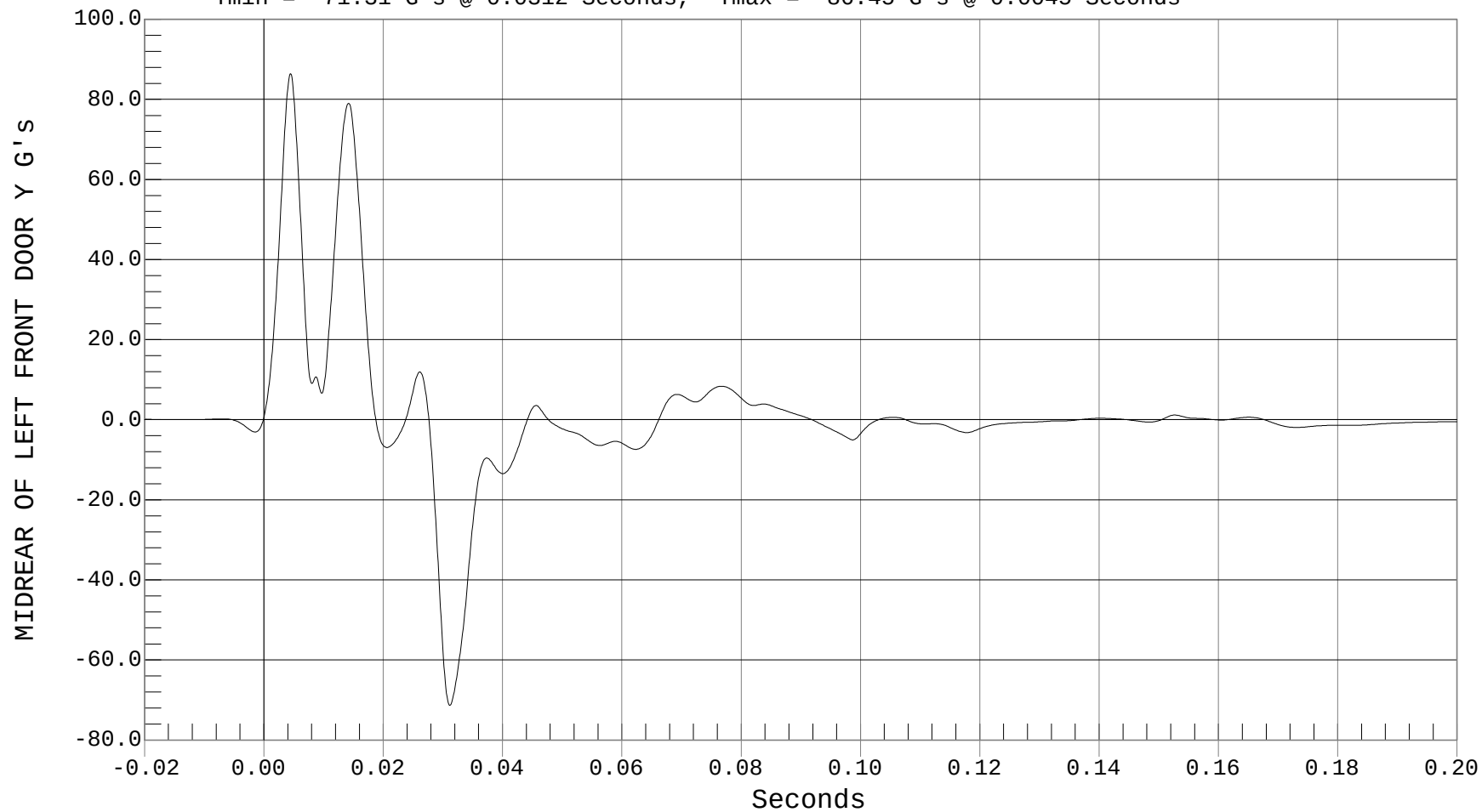
LEFT FRONT DOOR MIDREAR Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 MIDREAR OF LEFT FRONT DOOR Y, B00091AF.A37

Ymin = -71.31 G's @ 0.0312 Seconds, Ymax = 86.45 G's @ 0.0045 Seconds





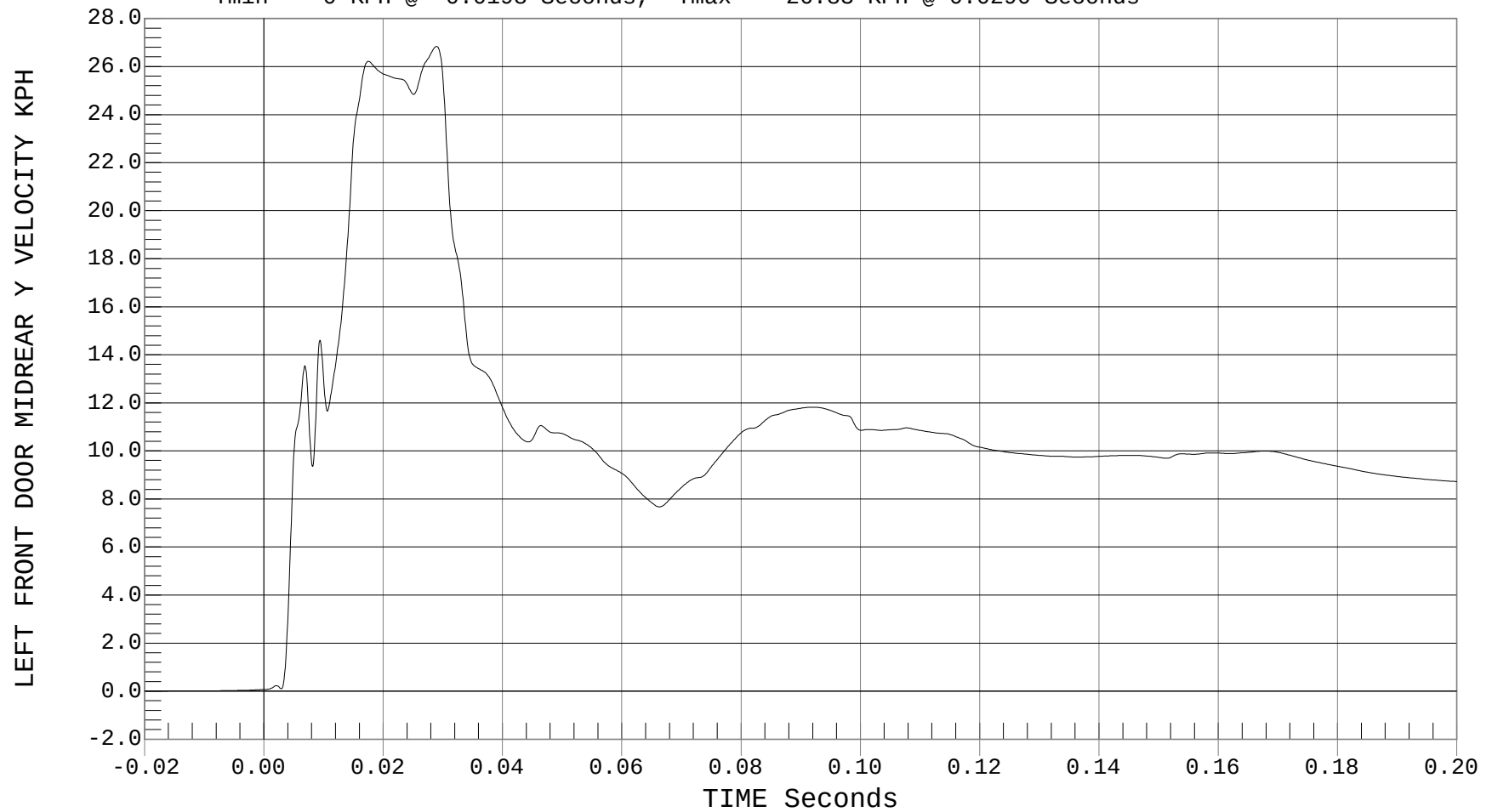
LEFT FRONT DOOR MIDREAR Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT FRONT DOOR MIDREAR Y VELOCITY, B00091AI.V37

Ymin = 0 KPH @ -0.0198 Seconds, Ymax = 26.83 KPH @ 0.0290 Seconds





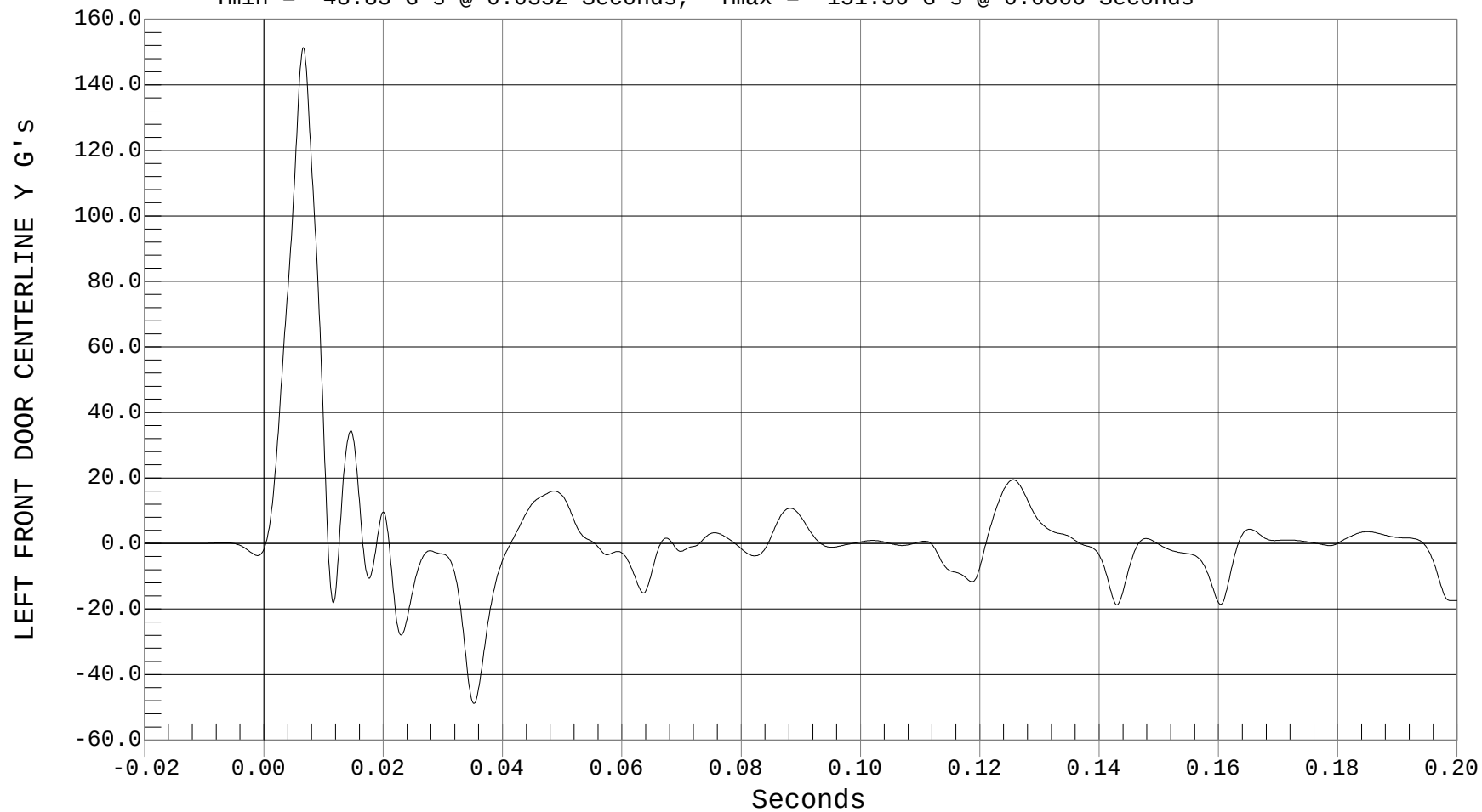
LEFT FRONT DOOR CENTERLINE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT FRONT DOOR CENTERLINE Y, B00091AF.A36

Ymin = -48.83 G's @ 0.0352 Seconds, Ymax = 151.36 G's @ 0.0066 Seconds





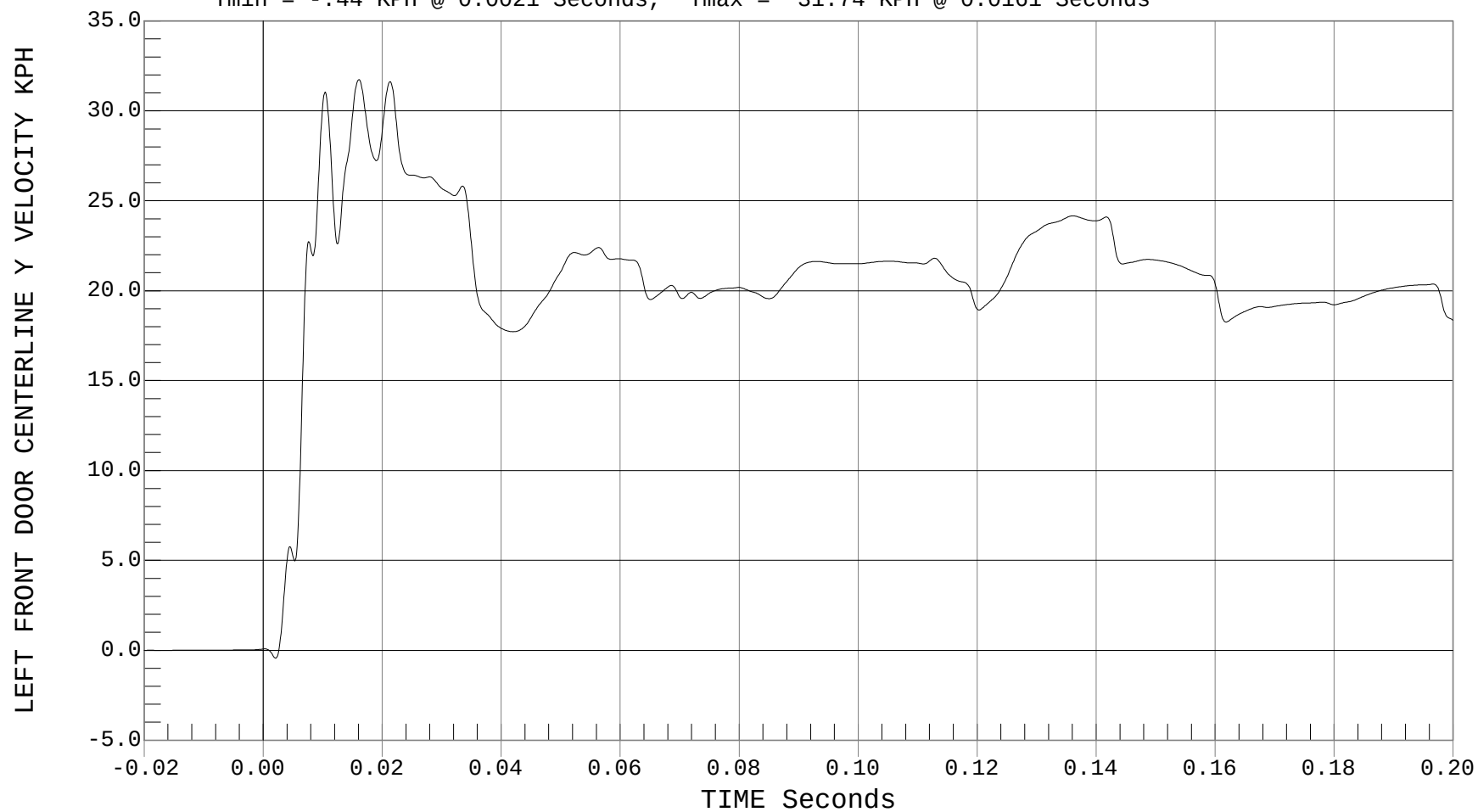
LEFT FRONT DOOR CENTERLINE Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT FRONT DOOR CENTERLINE Y VELOCITY, B00091AI.V36

Ymin = -.44 KPH @ 0.0021 Seconds, Ymax = 31.74 KPH @ 0.0161 Seconds





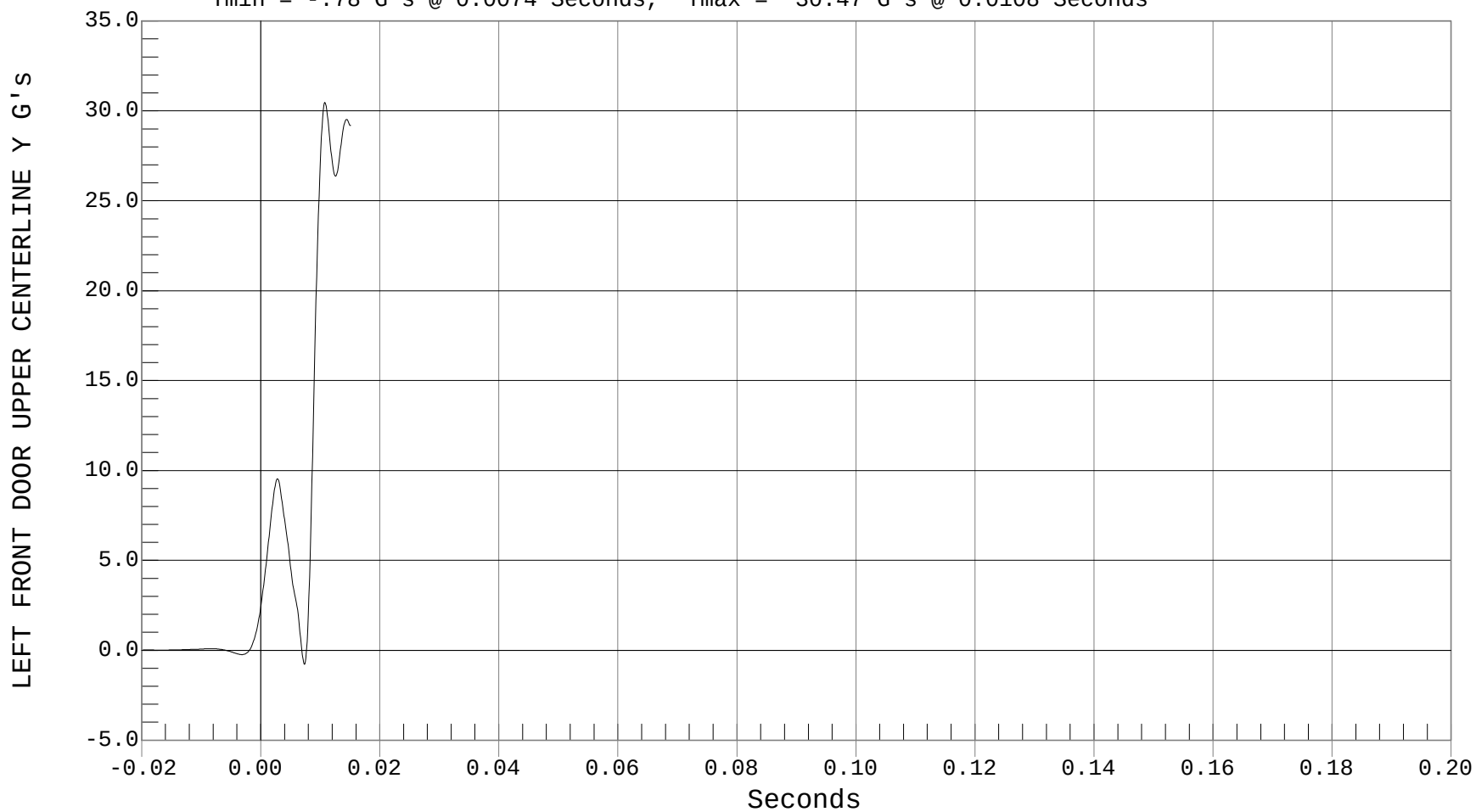
LEFT FRONT DOOR UPPER CENTERLINE Y ACCELERATION (QD AFTER 15 msec)

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT FRONT DOOR UPPER CENTERLINE Y, B00091AF.A38

Ymin = -.78 G's @ 0.0074 Seconds, Ymax = 30.47 G's @ 0.0108 Seconds





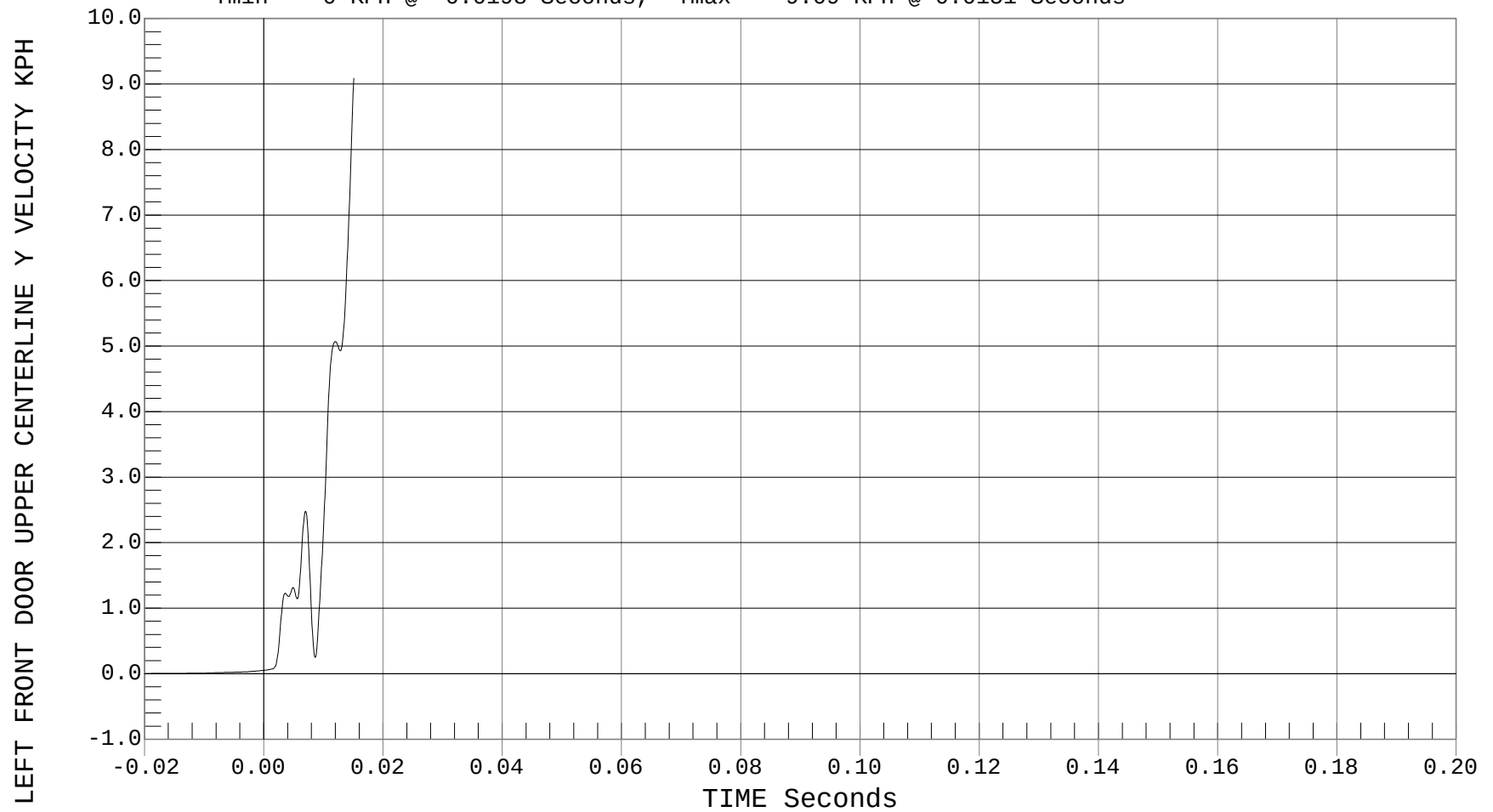
LEFT FRONT DOOR UPPER CENTERLINE Y VELOCITY (QD AFTER 15 msec)

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT FRONT DOOR UPPER CENTERLINE Y VELOCITY, B00091AI.V38

Ymin = 0 KPH @ -0.0198 Seconds, Ymax = 9.09 KPH @ 0.0151 Seconds





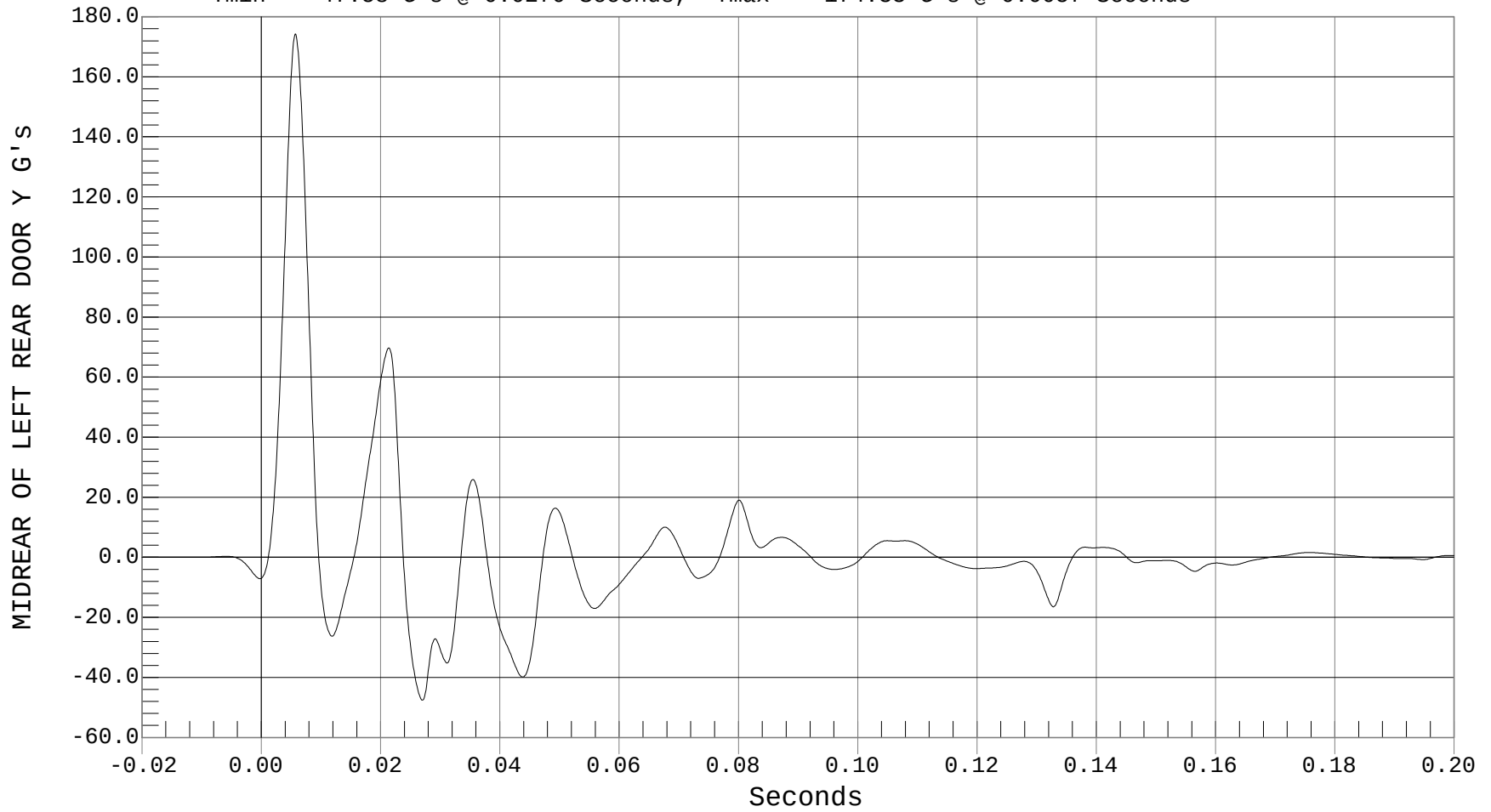
LEFT REAR DOOR MIDREAR Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 MIDREAR OF LEFT REAR DOOR Y, B00091AF.A39

Ymin = -47.58 G's @ 0.0270 Seconds, Ymax = 174.33 G's @ 0.0057 Seconds





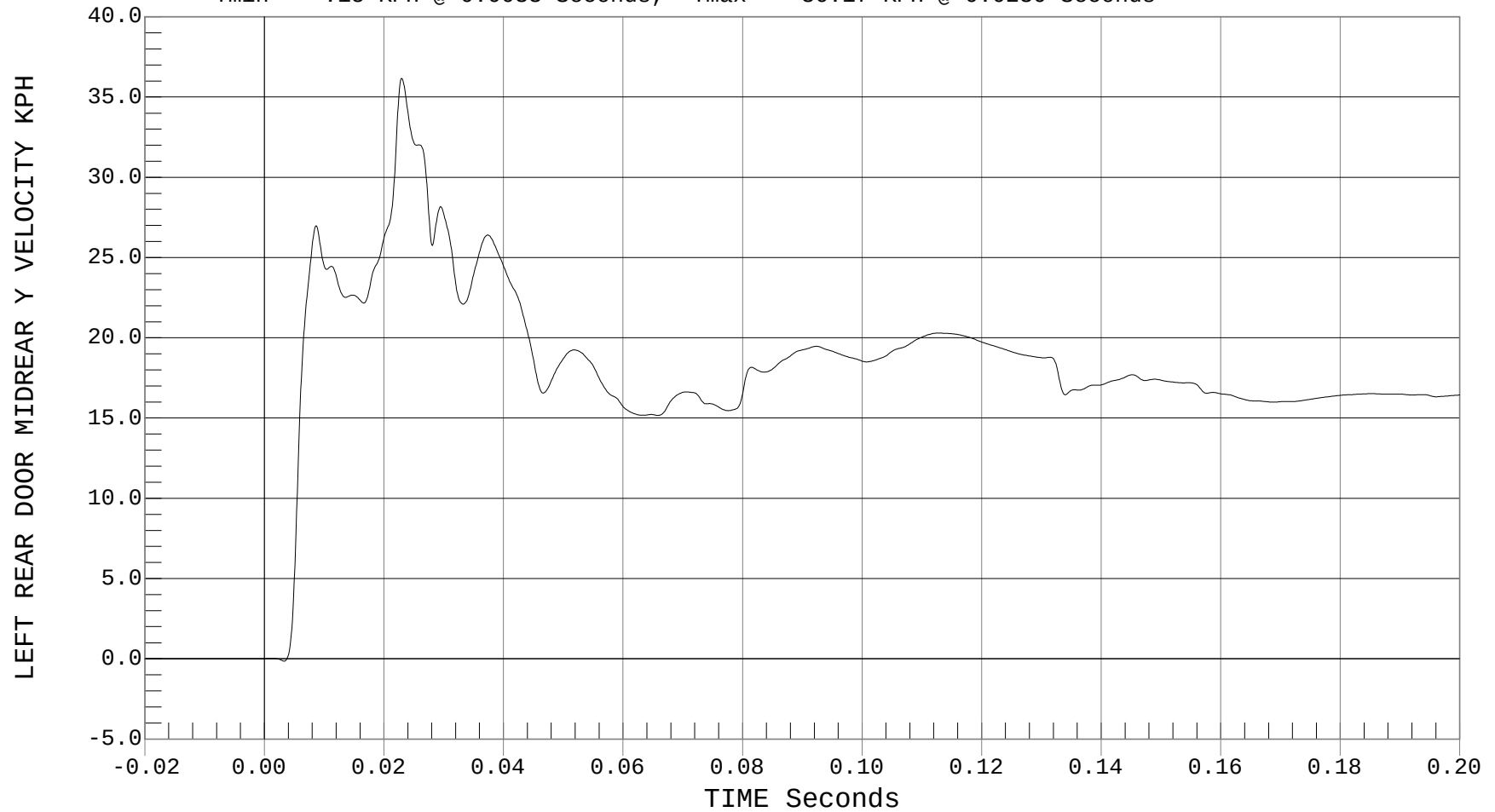
LEFT REAR DOOR MIDREAR Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT REAR DOOR MIDREAR Y VELOCITY, B00091AI.V39

Ymin = -.15 KPH @ 0.0033 Seconds, Ymax = 36.17 KPH @ 0.0230 Seconds





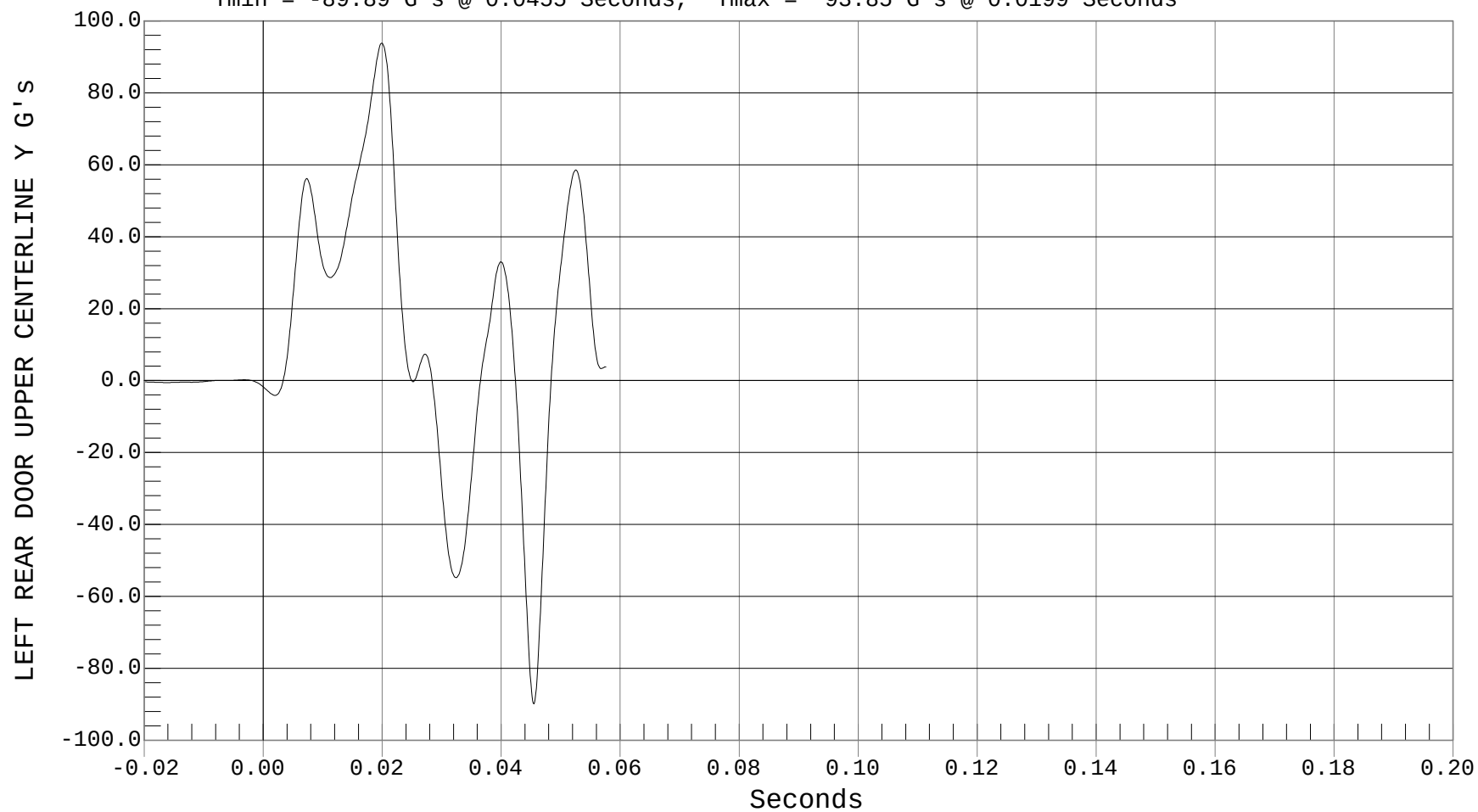
LEFT REAR DOOR UPPER CENTERLINE Y ACCELERATION (QD AFTER 58 msec.)

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 LEFT REAR DOOR UPPER CENTERLINE Y, B00091AF.A40

Ymin = -89.89 G's @ 0.0455 Seconds, Ymax = 93.85 G's @ 0.0199 Seconds





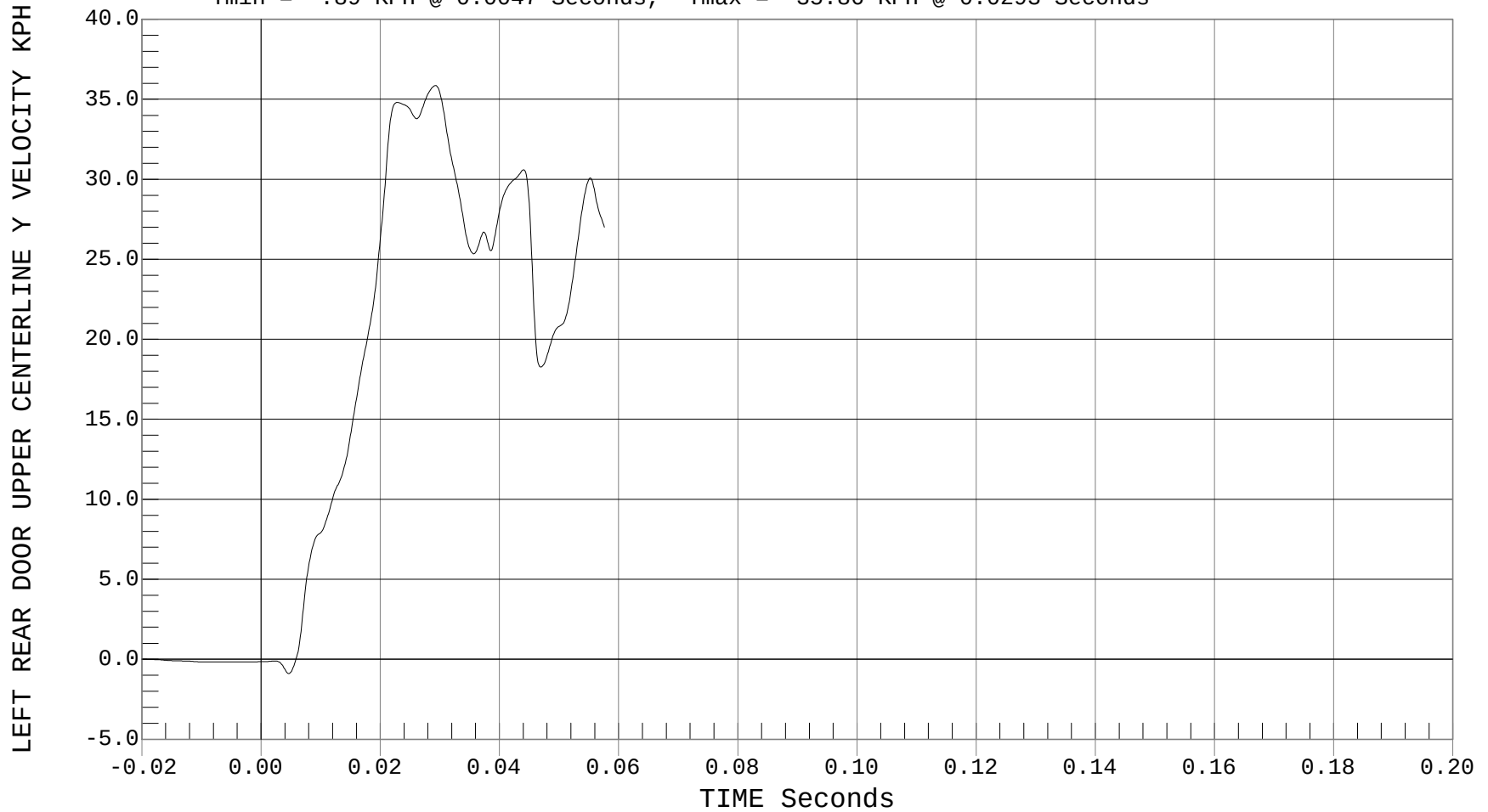
LEFT REAR DOOR UPPER CENTERLINE Y VELOCITY (QD AFTER 58 msec.)

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 LEFT REAR DOOR UPPER CENTERLINE Y VELOCITY, B00091AI.V40

Ymin = -.89 KPH @ 0.0047 Seconds, Ymax = 35.86 KPH @ 0.0293 Seconds





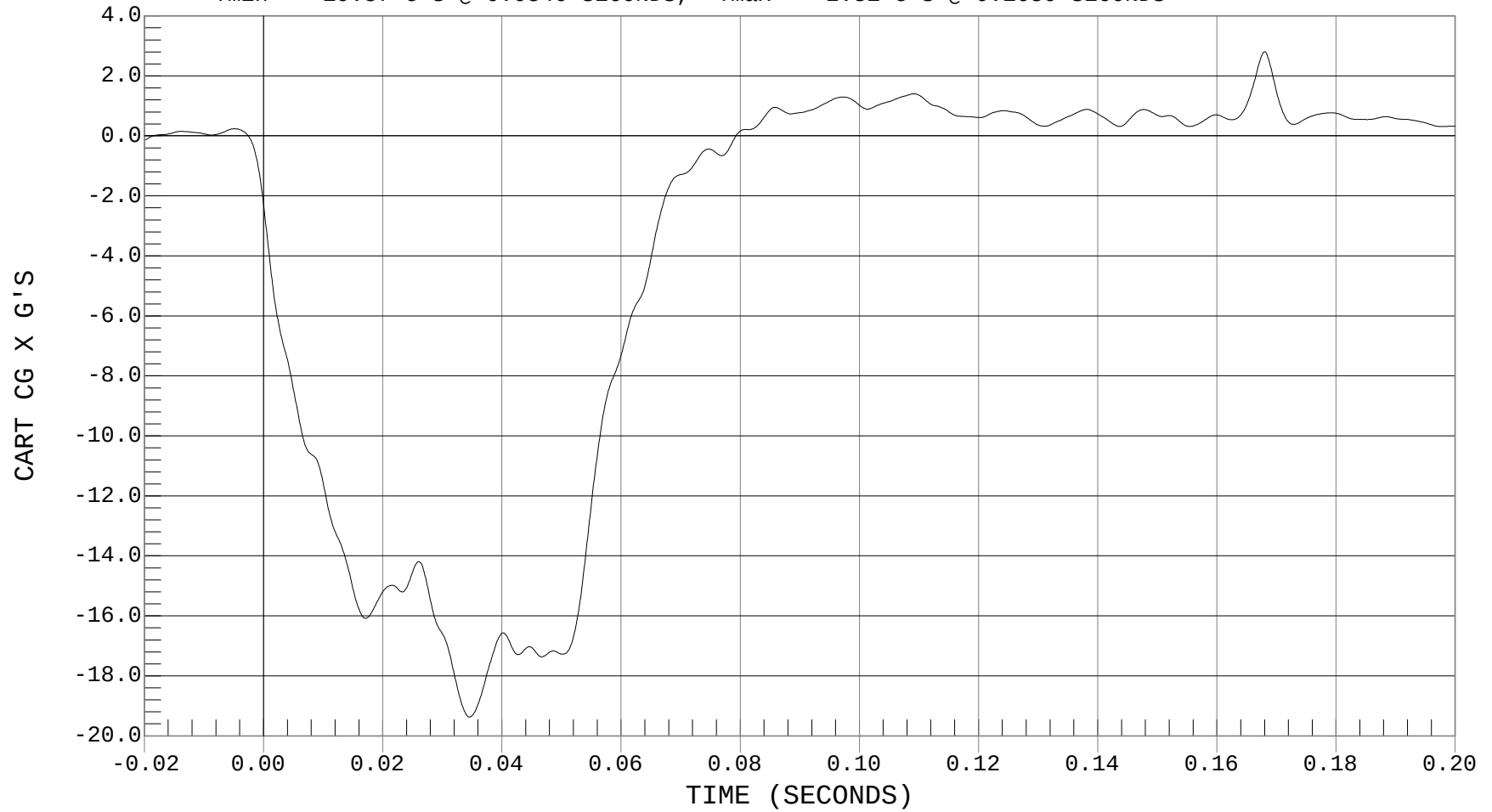
MOVING BARRIER CG X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 CART CG X, C00091AF.A02

Ymin = -19.37 G'S @ 0.0346 SECONDS, Ymax = 2.81 G'S @ 0.1680 SECONDS





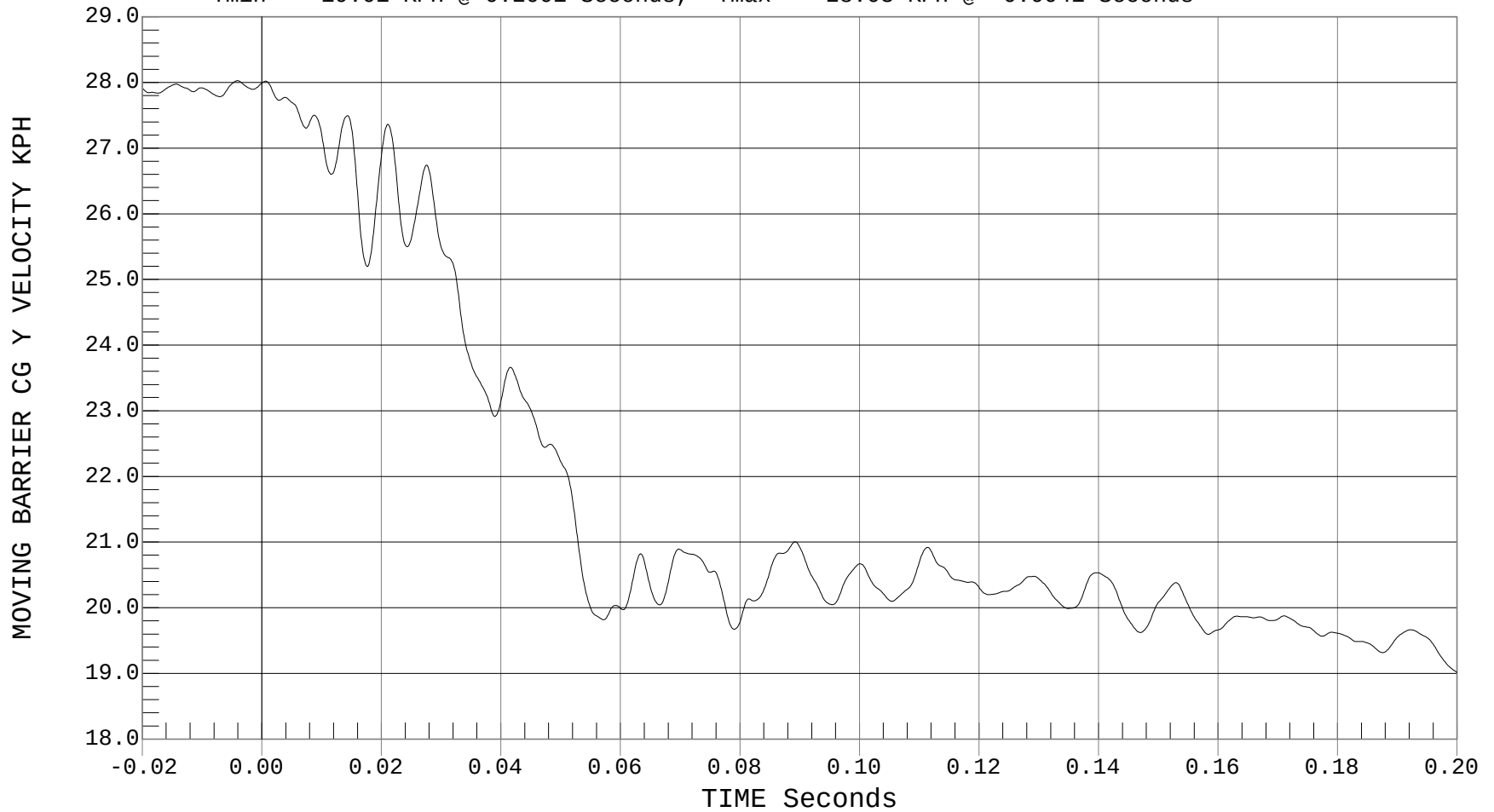
MOVING BARRIER CG Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 MOVING BARRIER CG Y VELOCITY, C00091AI.V03

Ymin = 19.01 KPH @ 0.2001 Seconds, Ymax = 28.03 KPH @ -0.0041 Seconds



Moving Barrier CG Y Acceleration
No Valid Data Collected

Moving Barrier CG Y Velocity
No Valid Data Collected



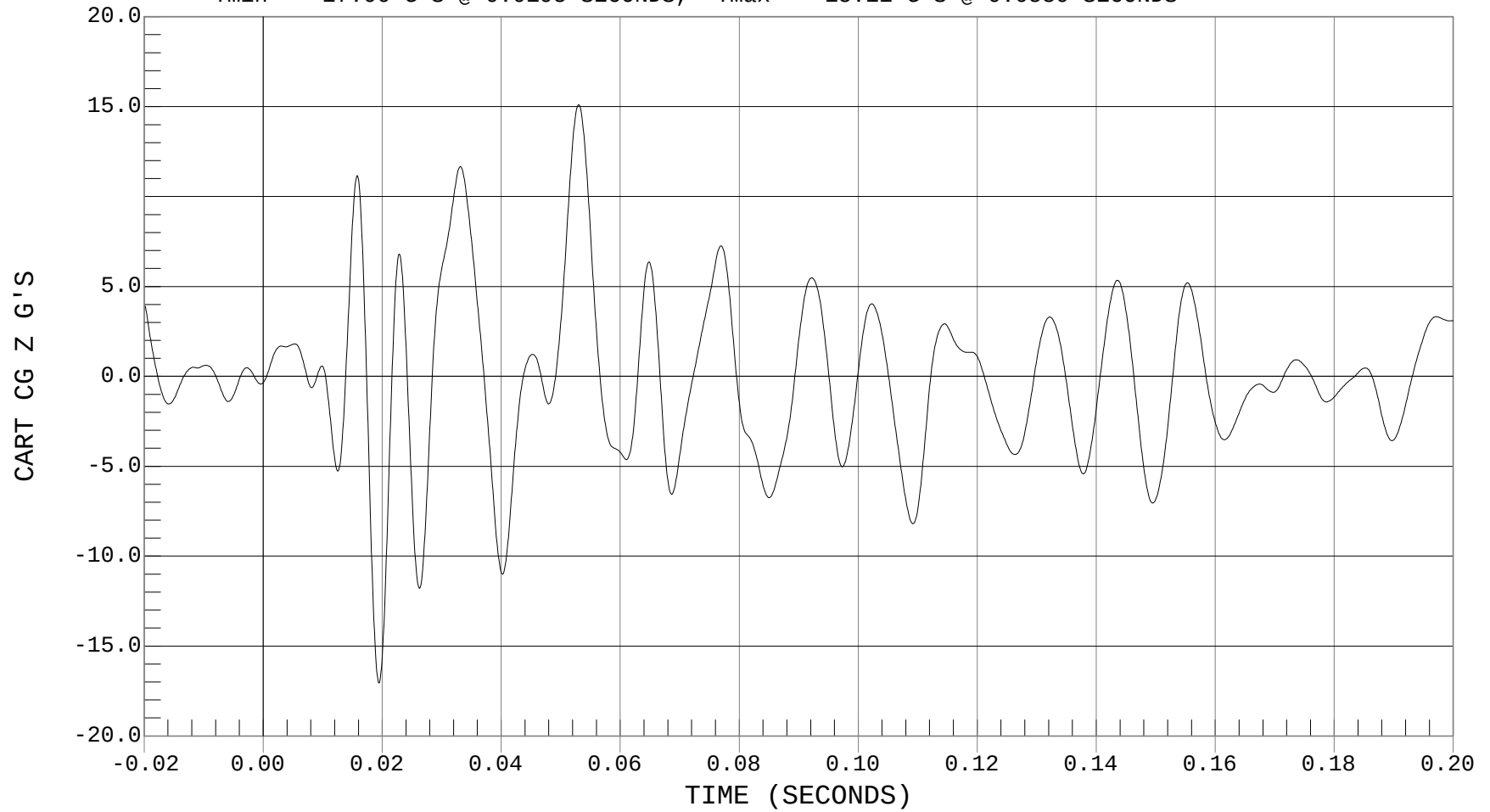
MOVING BARRIER CG Z ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 CART CG Z, C00091AF.A04

Ymin = -17.06 G'S @ 0.0195 SECONDS, Ymax = 15.11 G'S @ 0.0530 SECONDS





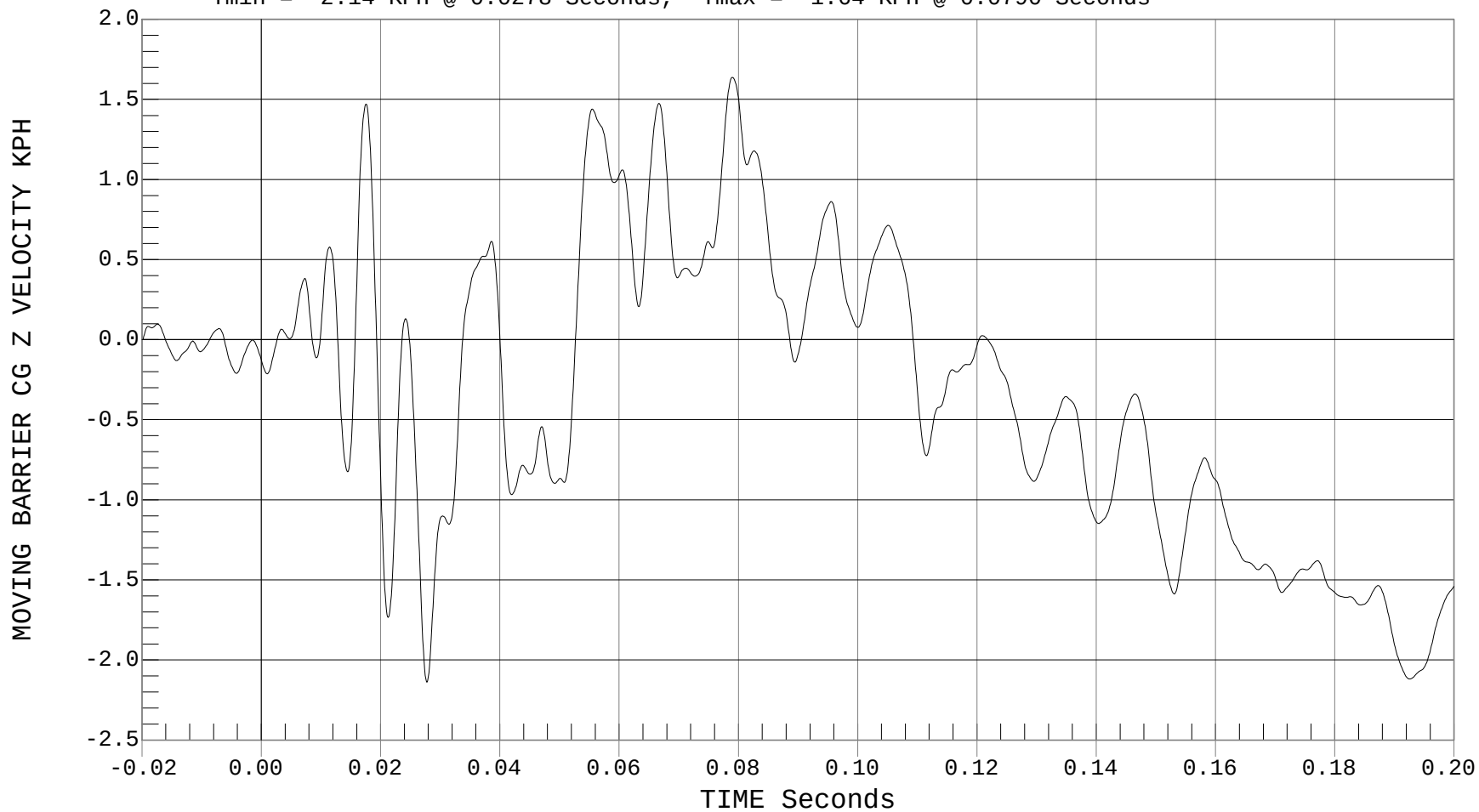
MOVING BARRIER CG Z VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 MOVING BARRIER CG Z VELOCITY, C00091AI.V04

Ymin = -2.14 KPH @ 0.0278 Seconds, Ymax = 1.64 KPH @ 0.0790 Seconds





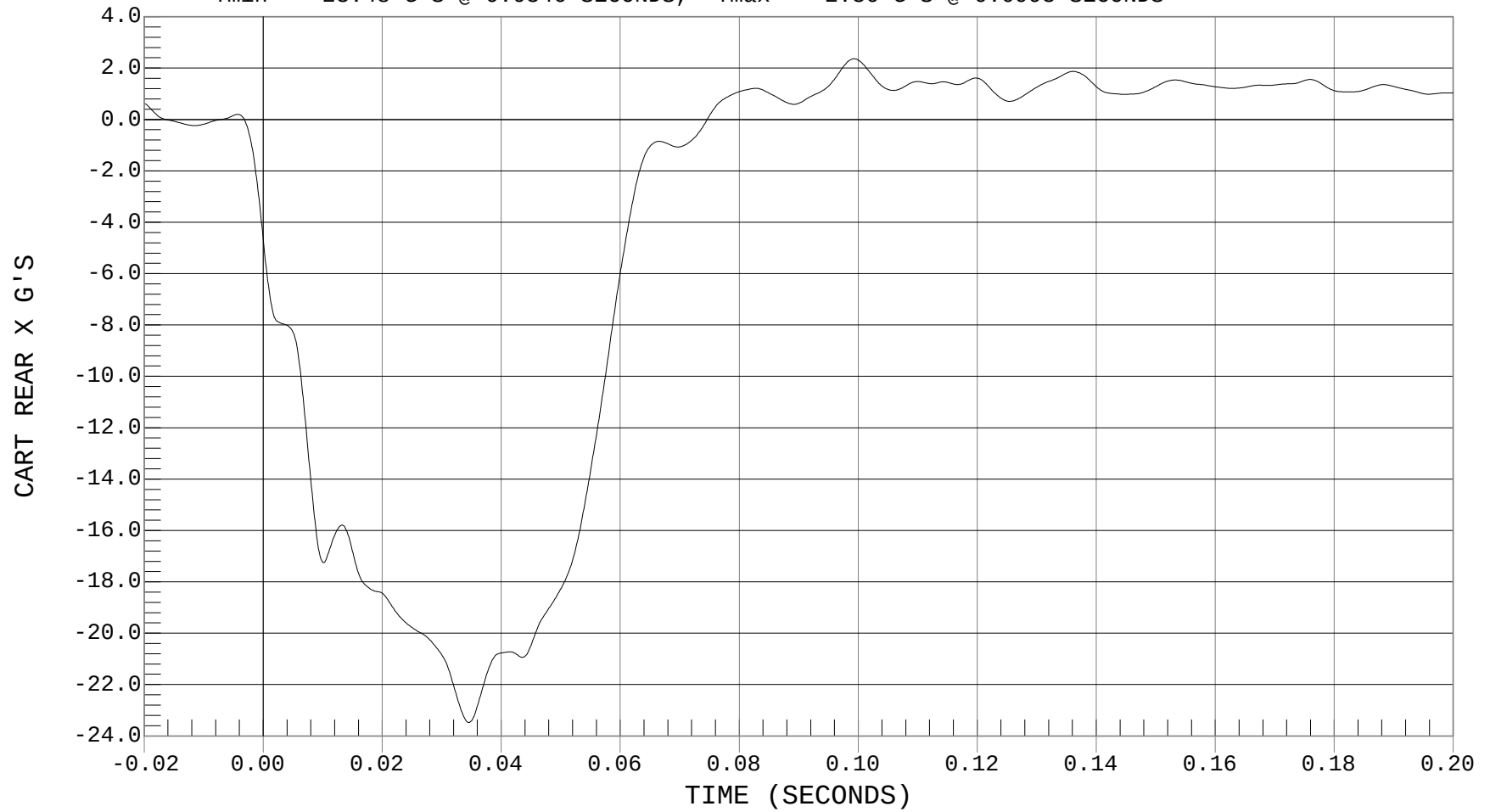
MOVING BARRIER REAR AXLE X ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 CART REAR X, C00091AF.A05

Ymin = -23.48 G'S @ 0.0346 SECONDS, Ymax = 2.36 G'S @ 0.0993 SECONDS





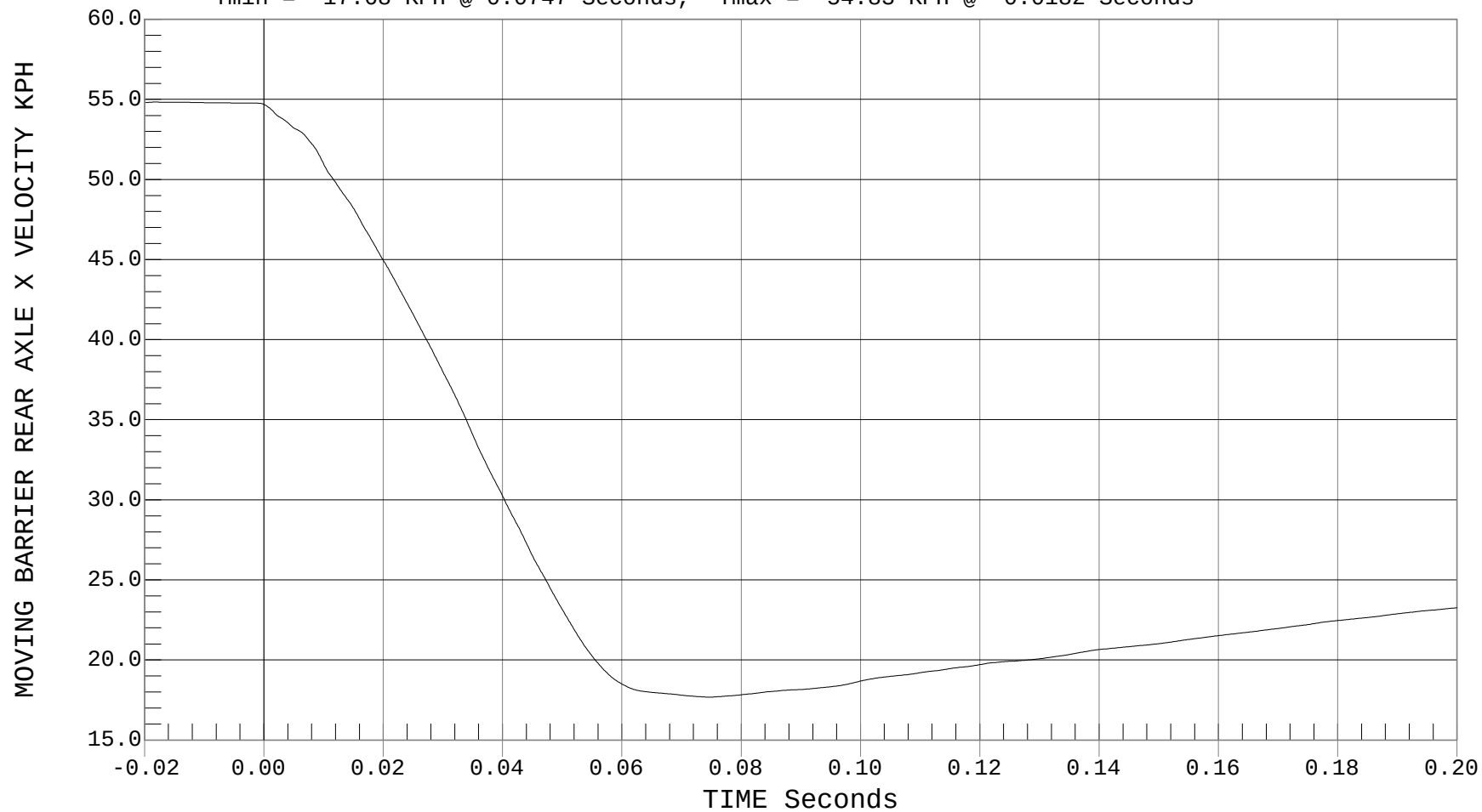
MOVING BARRIER REAR AXLE X VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 MOVING BARRIER REAR AXLE X VELOCITY, C00091AI.V05

Ymin = 17.68 KPH @ 0.0747 Seconds, Ymax = 54.83 KPH @ -0.0182 Seconds





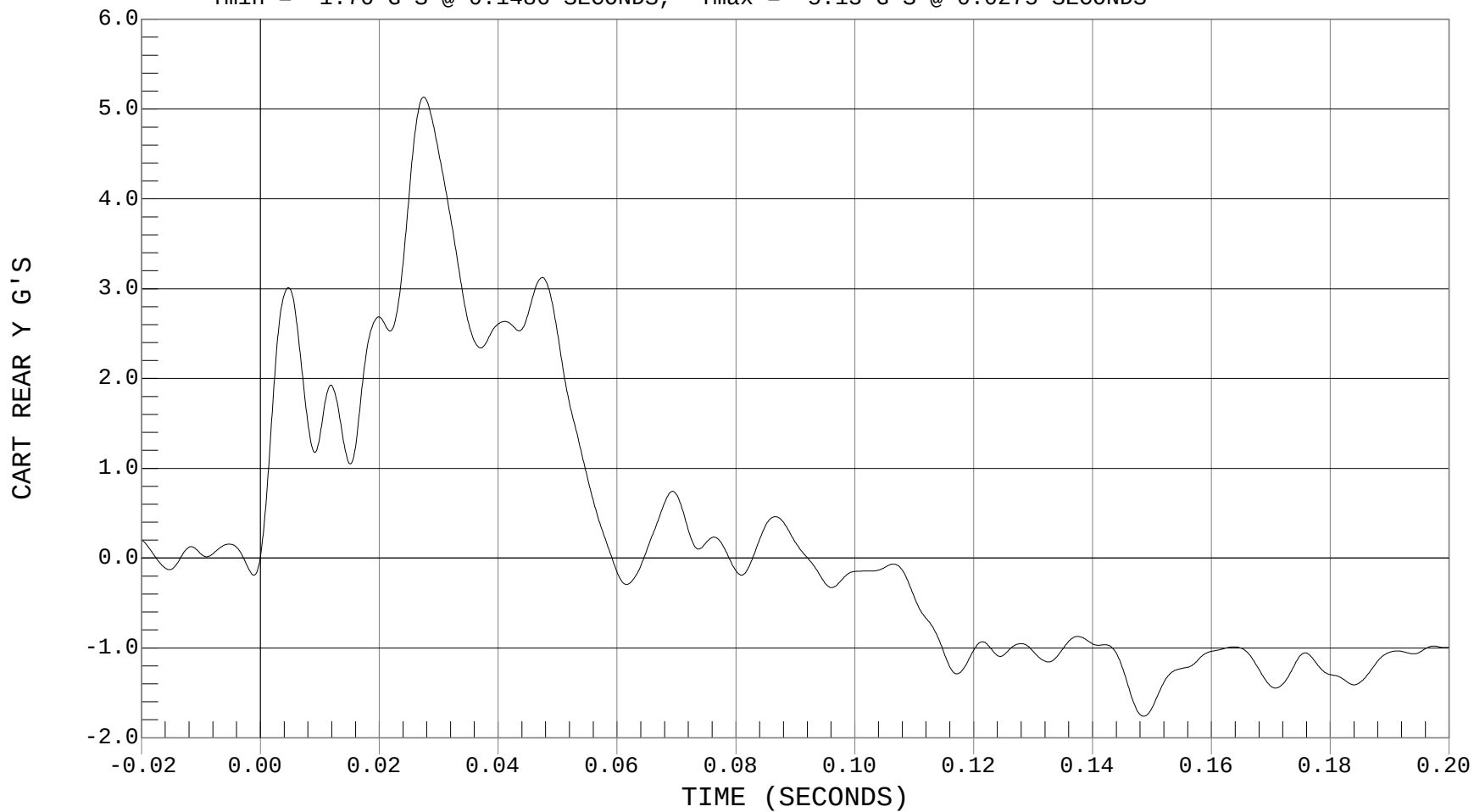
MOVING BARRIER REAR AXLE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 60

— 1 CART REAR Y, C00091AF.A06

Ymin = -1.76 G'S @ 0.1486 SECONDS, Ymax = 5.13 G'S @ 0.0275 SECONDS





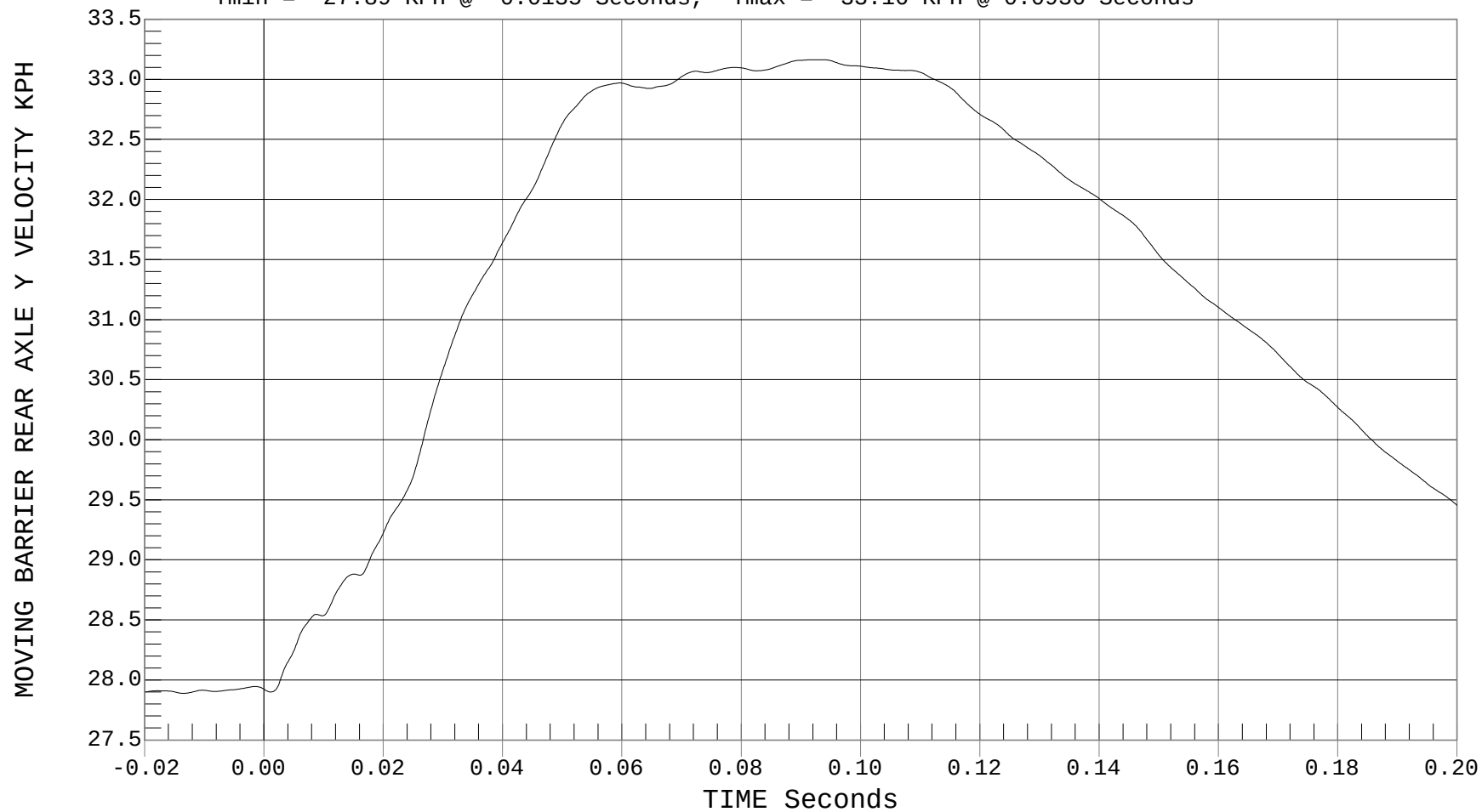
MOVING BARRIER REAR AXLE Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 MOVING BARRIER REAR AXLE Y VELOCITY, C00091AI.V06

Ymin = 27.89 KPH @ -0.0135 Seconds, Ymax = 33.16 KPH @ 0.0936 Seconds





LEFT BARRIER CONTACT

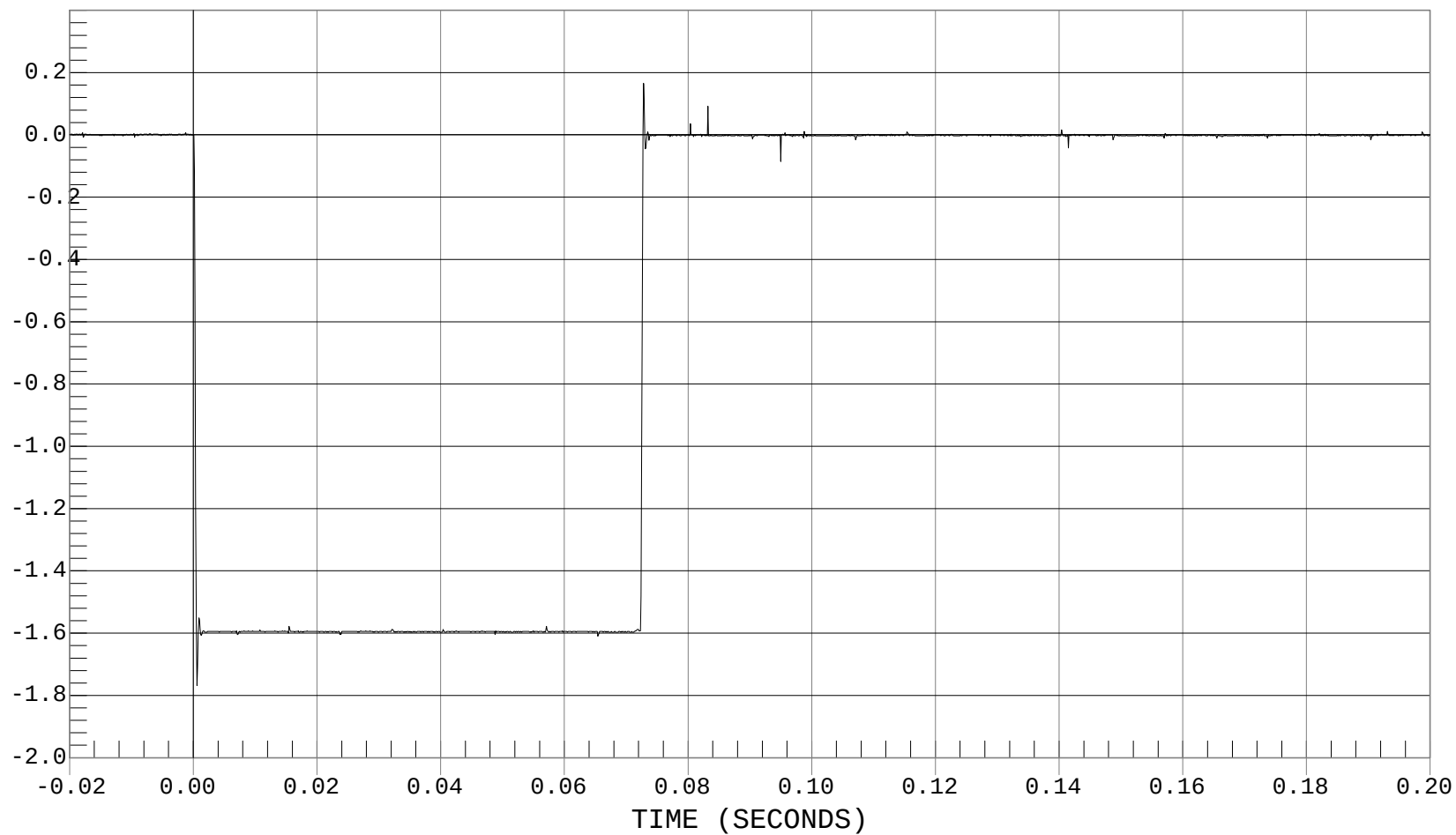
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 LEFT BARRIER CONTACT, C000910T.009

Ymin = -1.77 VOLTS @ 0.0006 SECONDS, Ymax = .17 VOLTS @ 0.0728 SECONDS

LEFT BARRIER CONTACT VOLTS





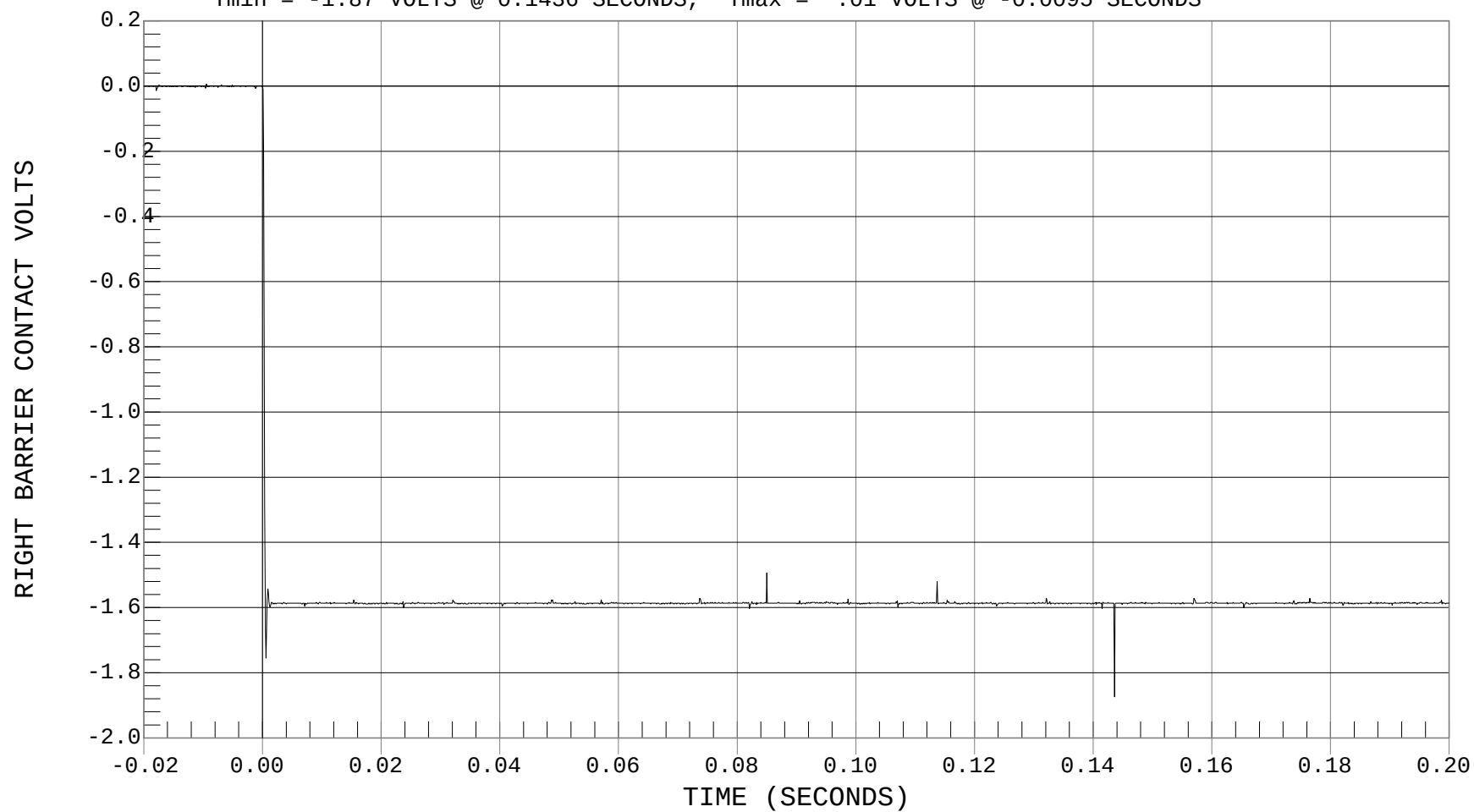
RIGHT BARRIER CONTACT

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 RIGHT BARRIER CONTACT, C000910T.010

Ymin = -1.87 VOLTS @ 0.1436 SECONDS, Ymax = .01 VOLTS @ -0.0095 SECONDS



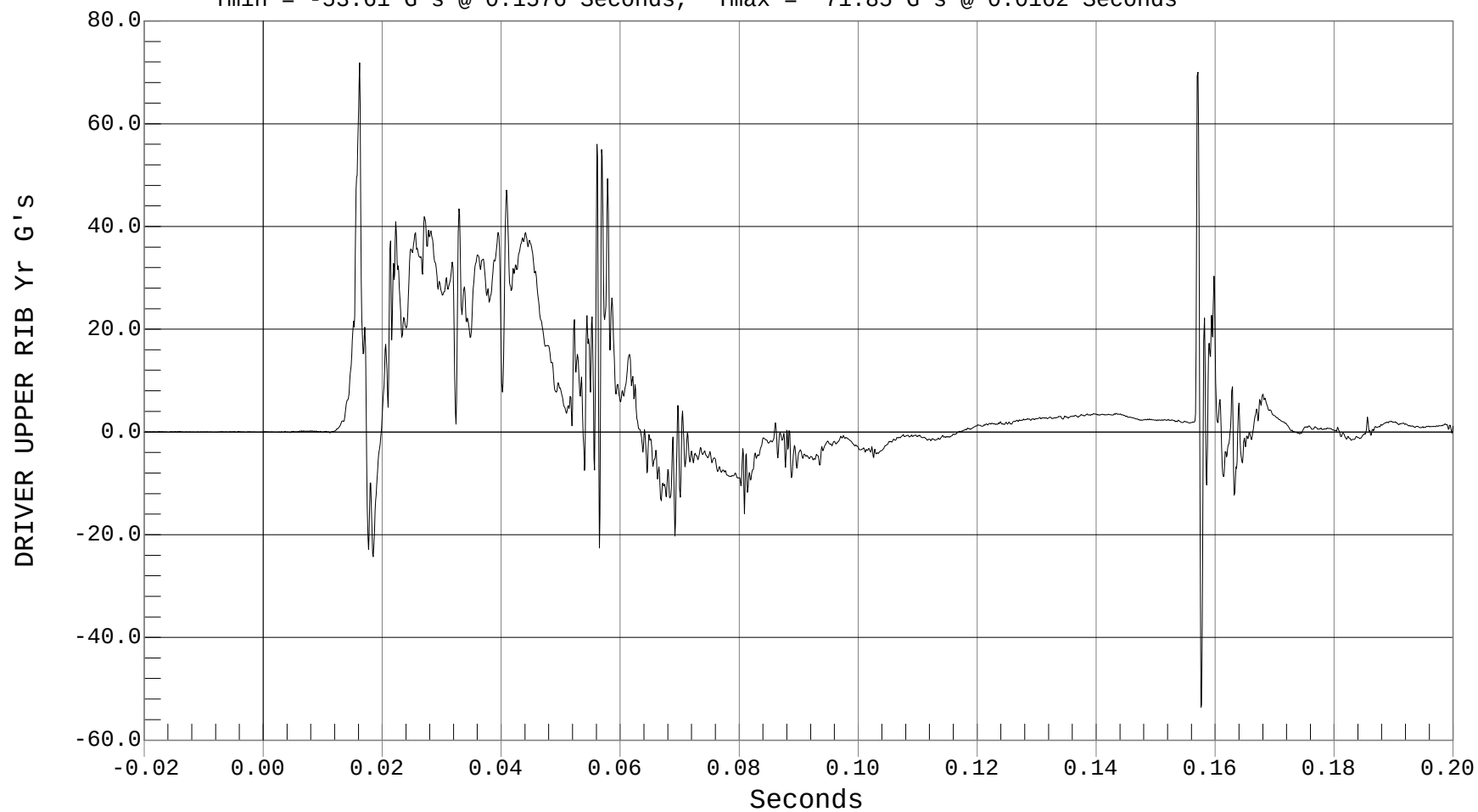


Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER UPPER RIB Yr, B00091AT.A41

Ymin = -53.61 G's @ 0.1576 Seconds, Ymax = 71.85 G's @ 0.0162 Seconds





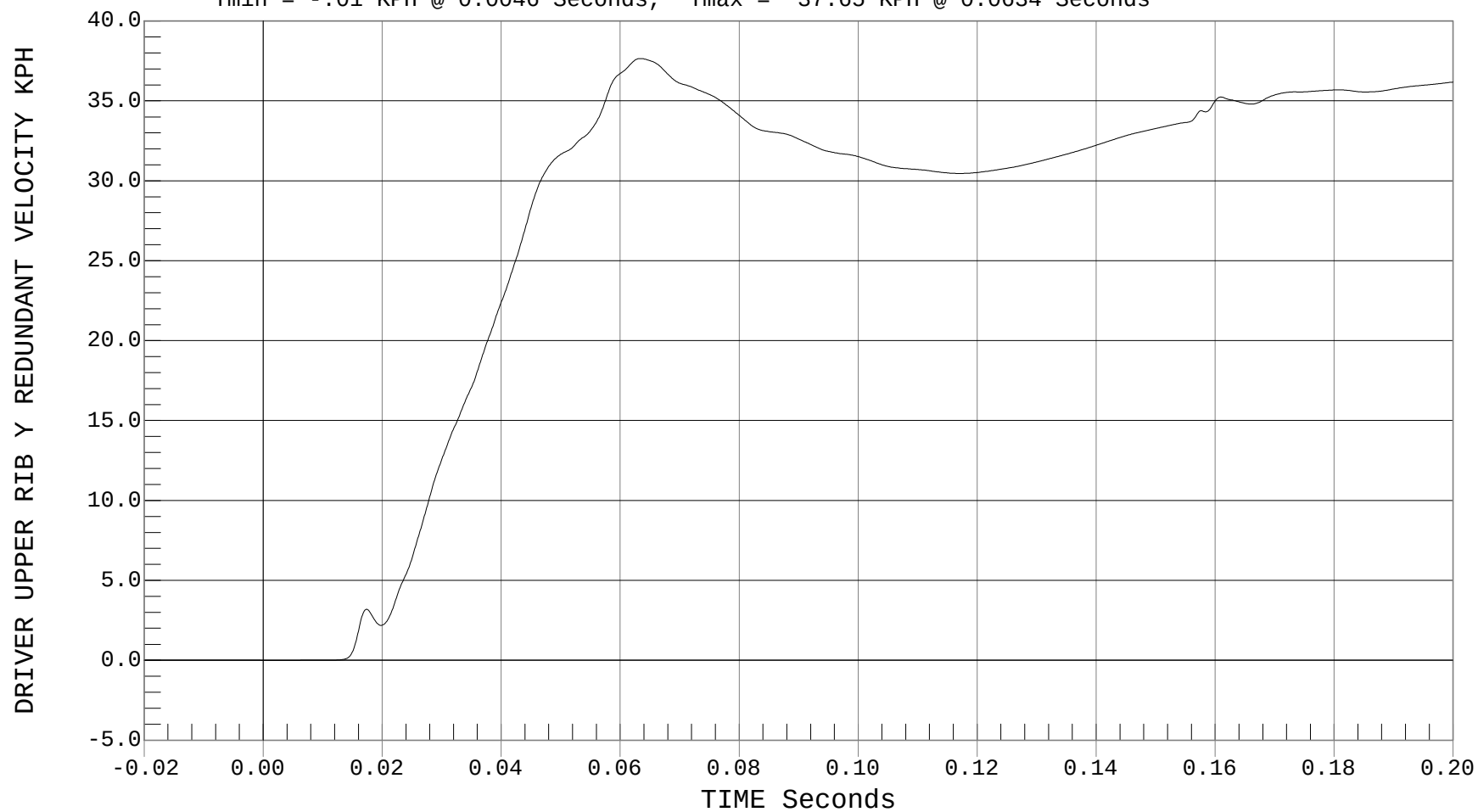
DRIVER UPPER RIB REDUNDANT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER UPPER RIB Y REDUNDANT VELOCITY, B00091AI.V41

Ymin = -.01 KPH @ 0.0046 Seconds, Ymax = 37.65 KPH @ 0.0634 Seconds





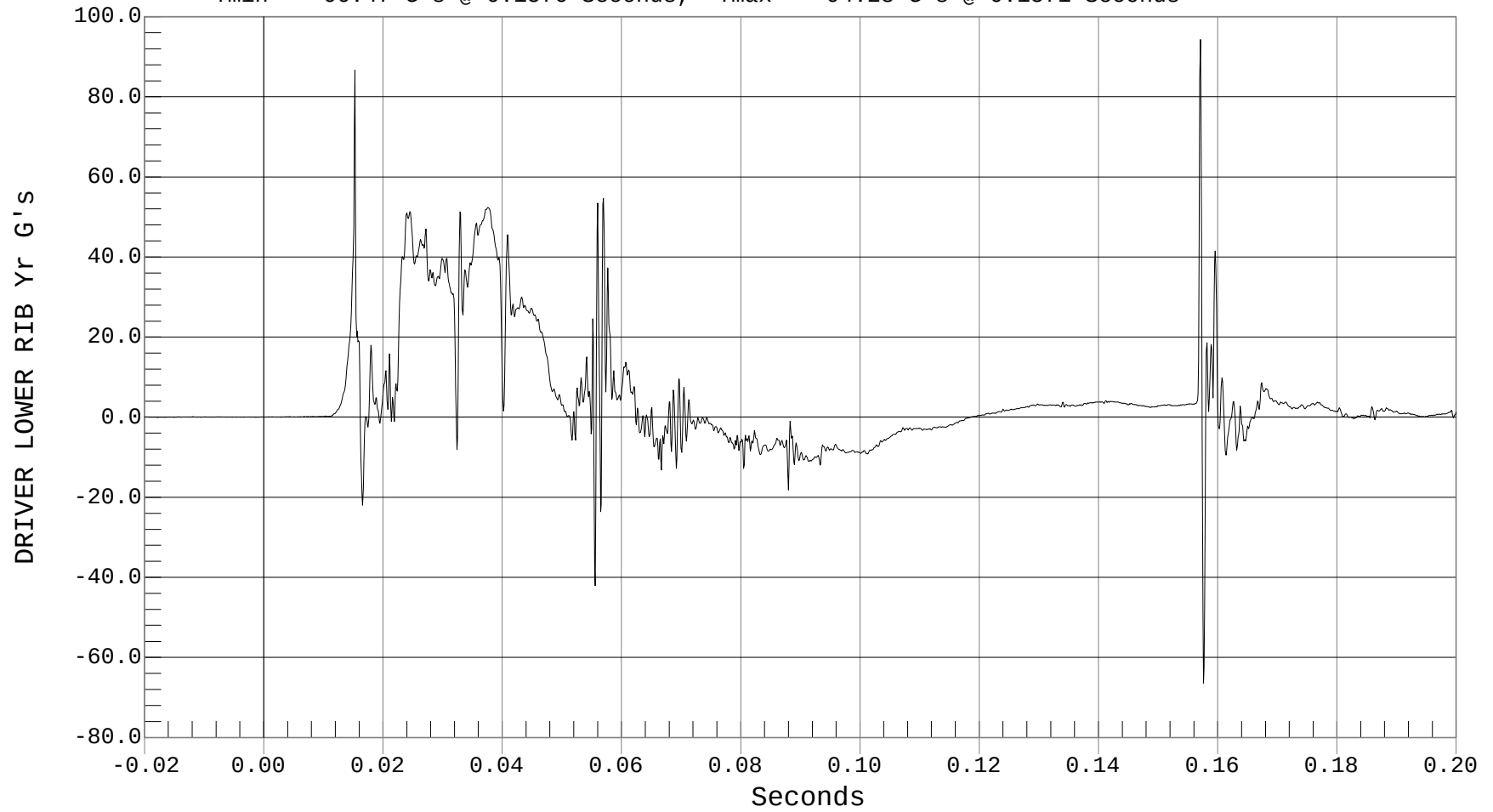
DRIVER LOWER RIB Y REDUNDANT ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER LOWER RIB Yr, B00091AT.A42

Ymin = -66.47 G's @ 0.1576 Seconds, Ymax = 94.28 G's @ 0.1571 Seconds





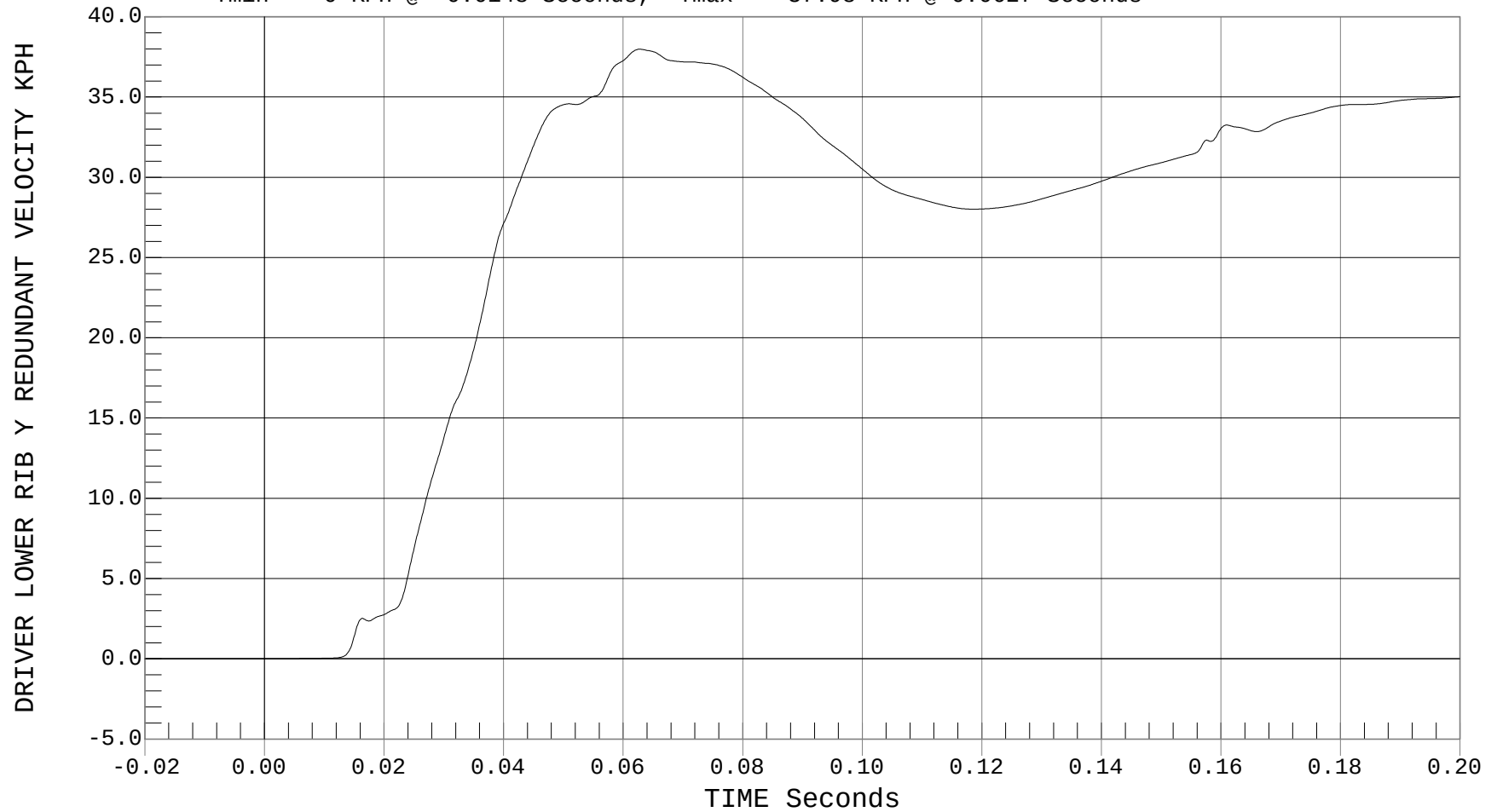
DRIVER LOWER RIB REDUNDANT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER LOWER RIB Y REDUNDANT VELOCITY, B00091AI.V42

Ymin = 0 KPH @ -0.0148 Seconds, Ymax = 37.98 KPH @ 0.0627 Seconds





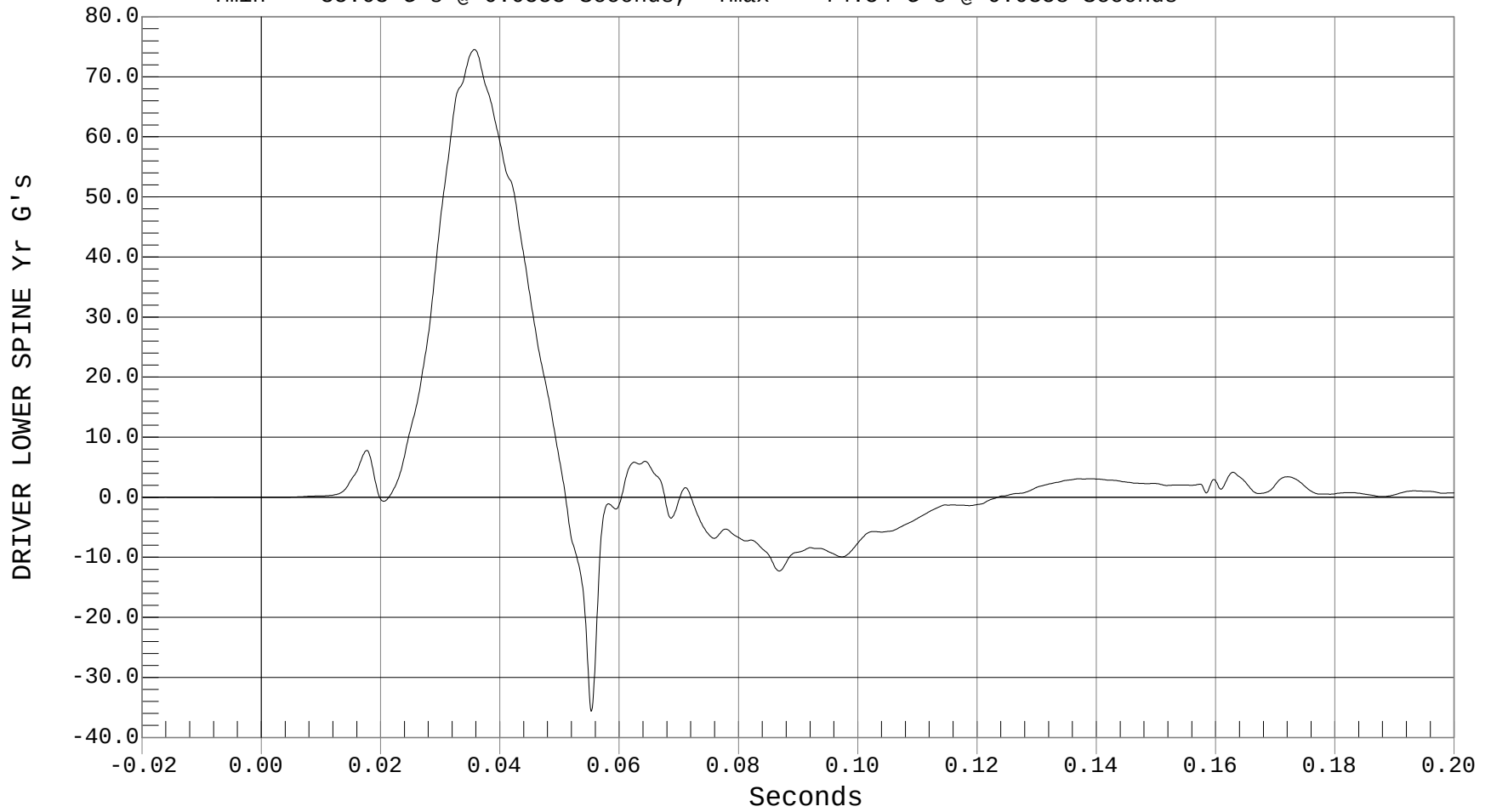
DRIVER LOWER SPINE REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER LOWER SPINE Yr, B00091AF.A43

Ymin = -35.63 G's @ 0.0553 Seconds, Ymax = 74.54 G's @ 0.0358 Seconds





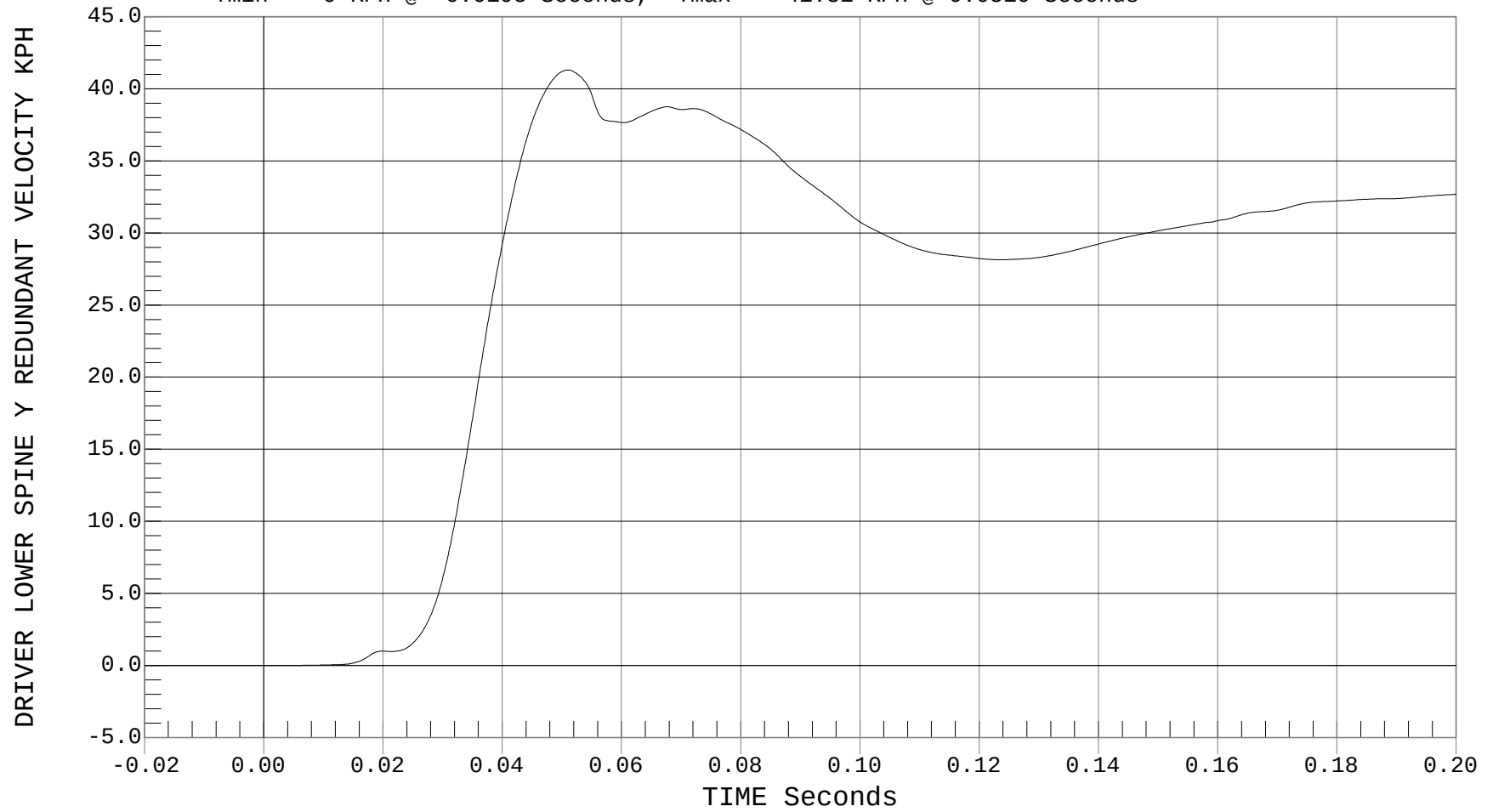
DRIVER LOWER SPINE REDUNDANT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER LOWER SPINE Y REDUNDANT VELOCITY, B00091AI.V43

Ymin = 0 KPH @ -0.0195 Seconds, Ymax = 41.31 KPH @ 0.0510 Seconds





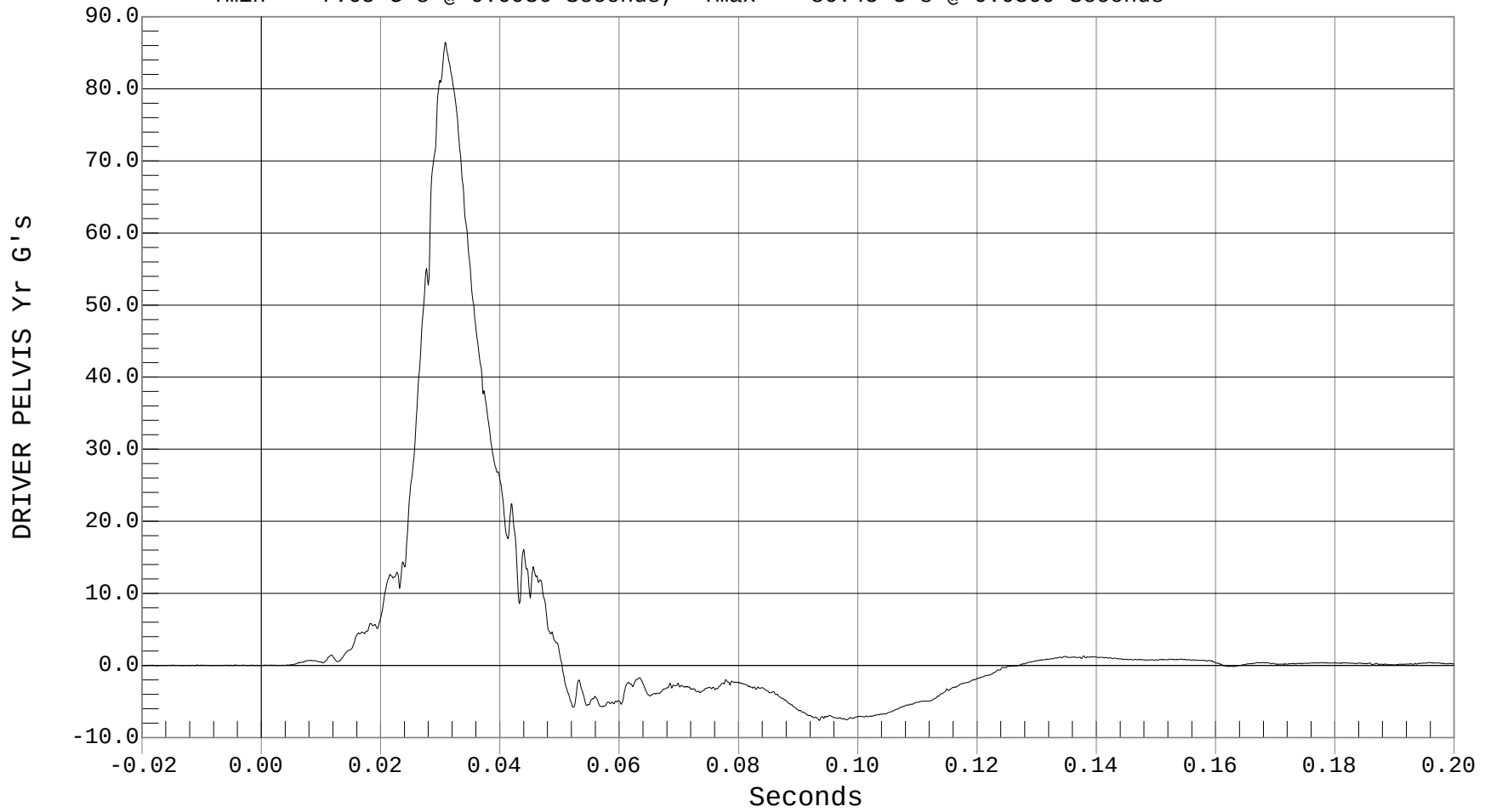
DRIVER PELVIS REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 DRIVER PELVIS Yr, B00091AT.A44

Ymin = -7.65 G's @ 0.0936 Seconds, Ymax = 86.45 G's @ 0.0309 Seconds





DRIVER PELVIS REDUNDANT Y VELOCITY

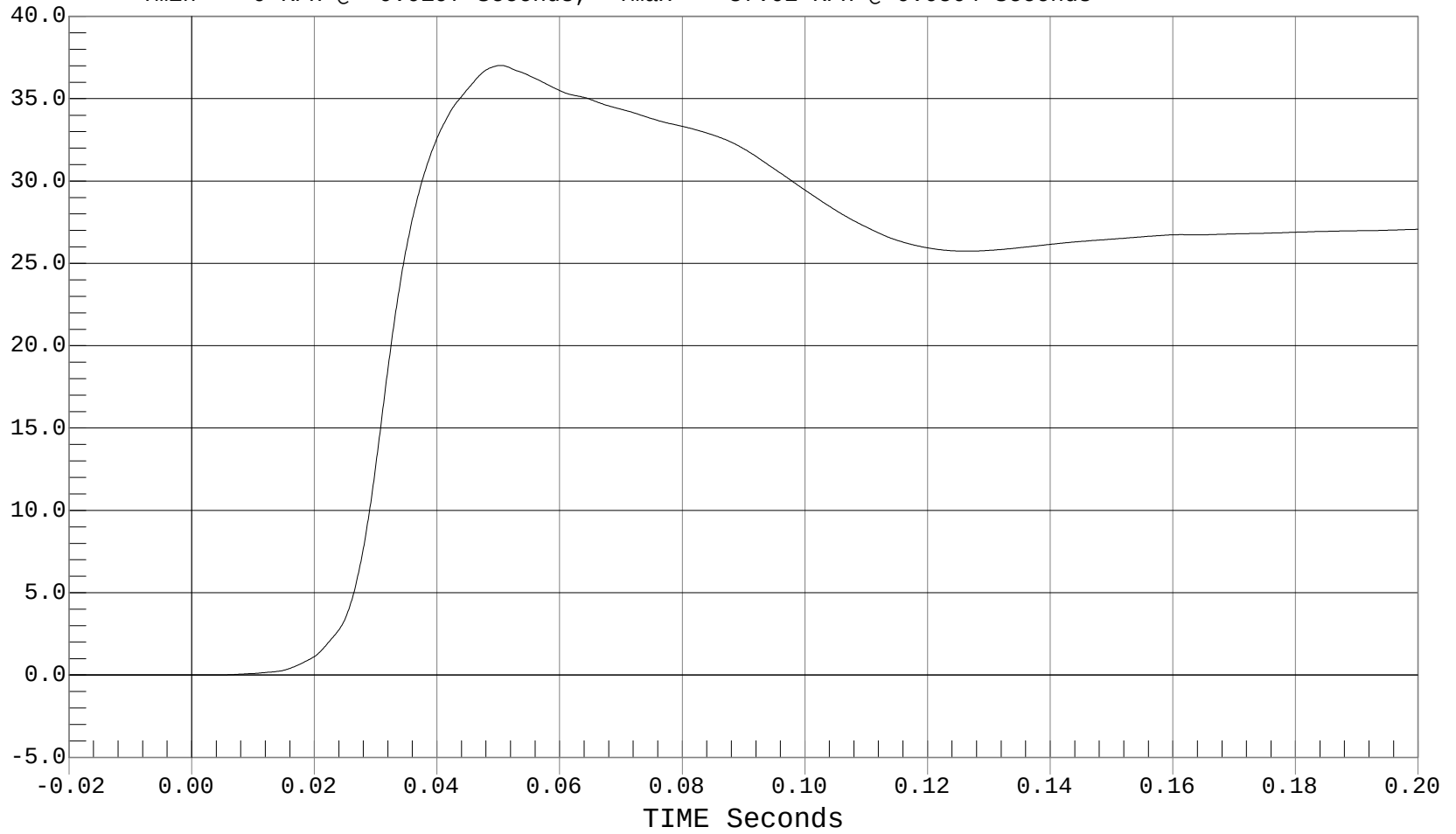
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 DRIVER PELVIS Y REDUNDANT VELOCITY, B00091AI.V44

Ymin = 0 KPH @ -0.0197 Seconds, Ymax = 37.02 KPH @ 0.0504 Seconds

DRIVER PELVIS Y REDUNDANT VELOCITY KPH





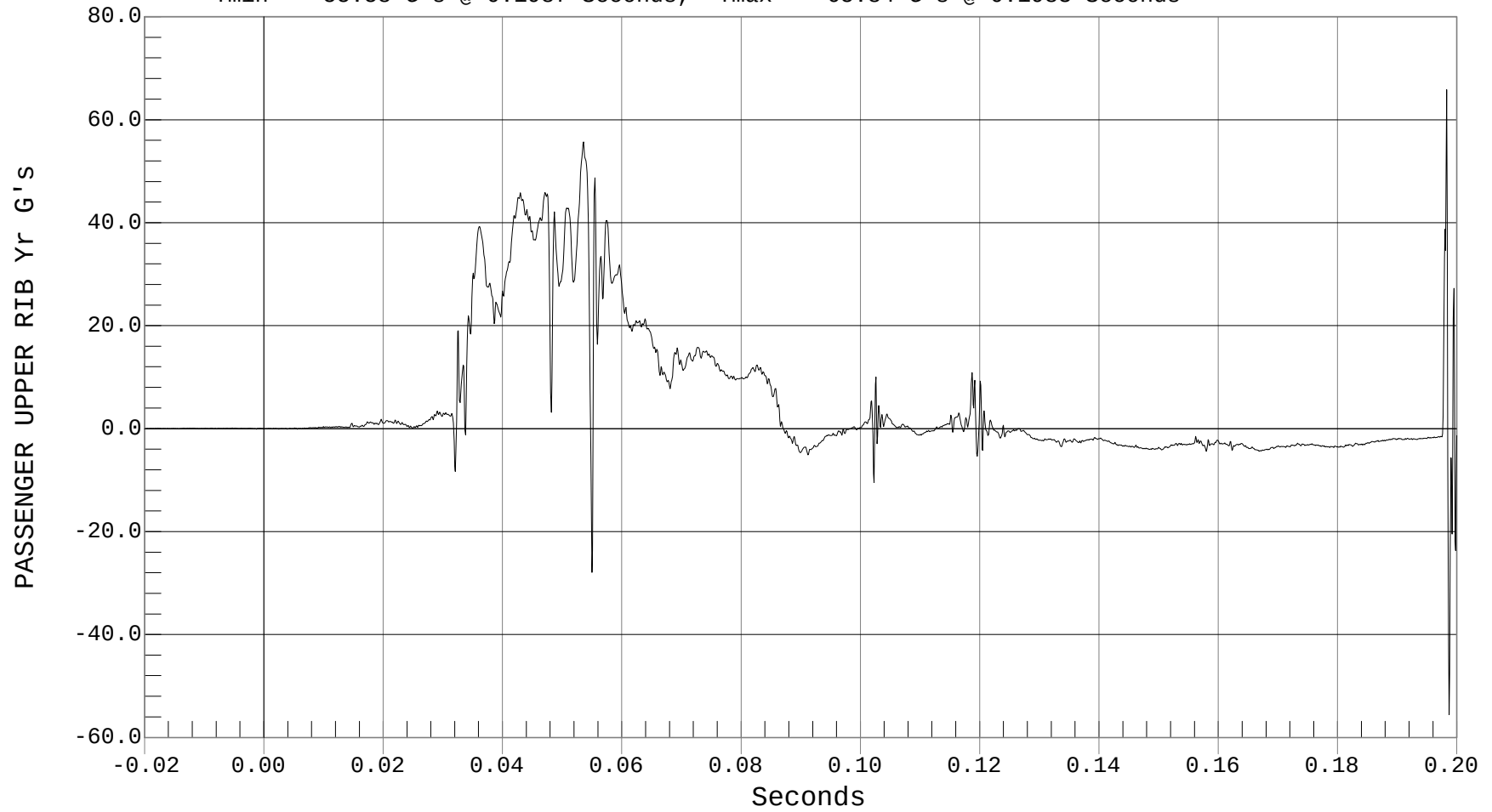
PASSENGER UPPER RIB REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER UPPER RIB Yr, B00091AT.A45

Ymin = -55.58 G's @ 0.1987 Seconds, Ymax = 65.84 G's @ 0.1983 Seconds





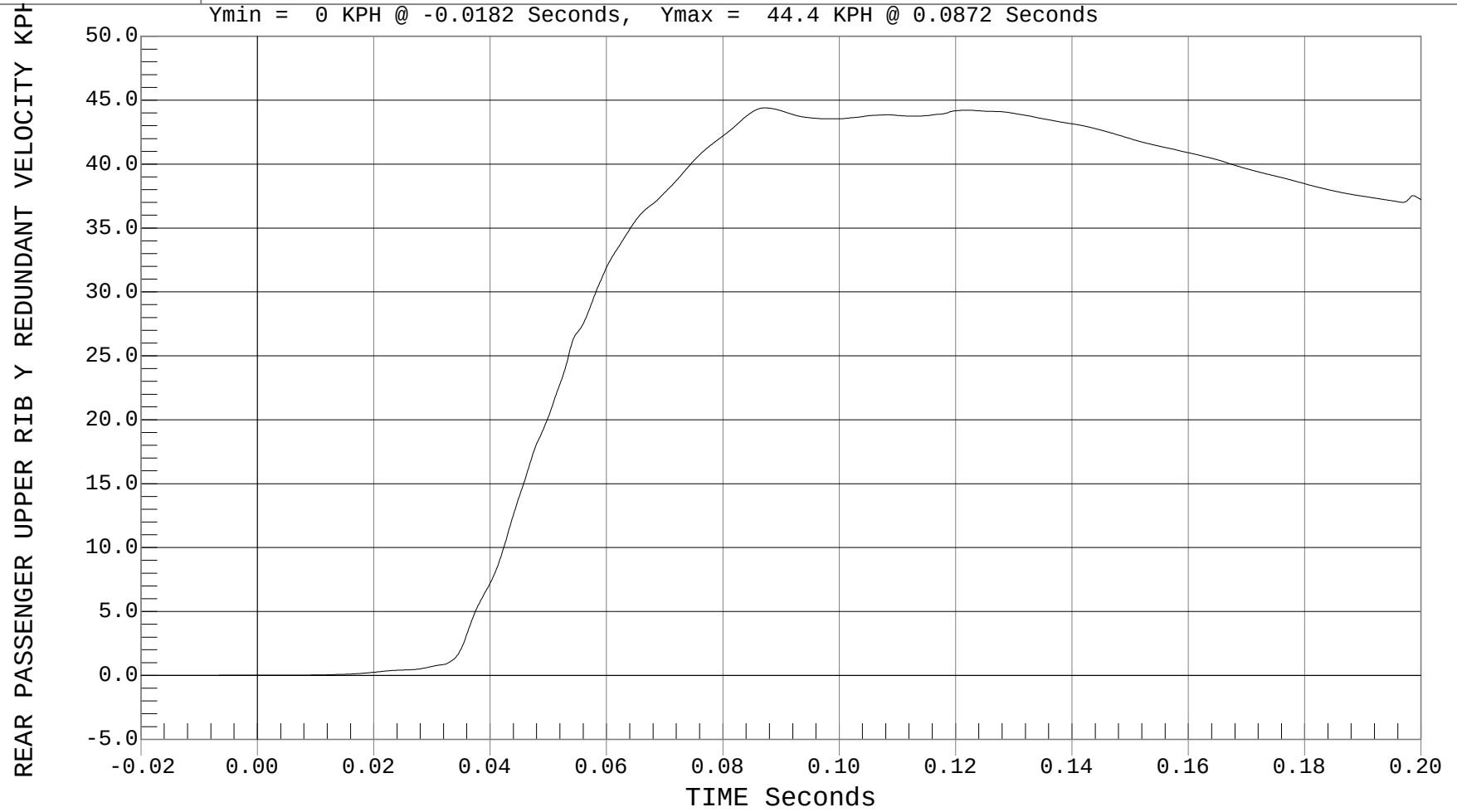
PASSENGER UPPER RIB REDUNDANT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER UPPER RIB Y REDUNDANT VELOCITY, B00091AI.V45

Ymin = 0 KPH @ -0.0182 Seconds, Ymax = 44.4 KPH @ 0.0872 Seconds





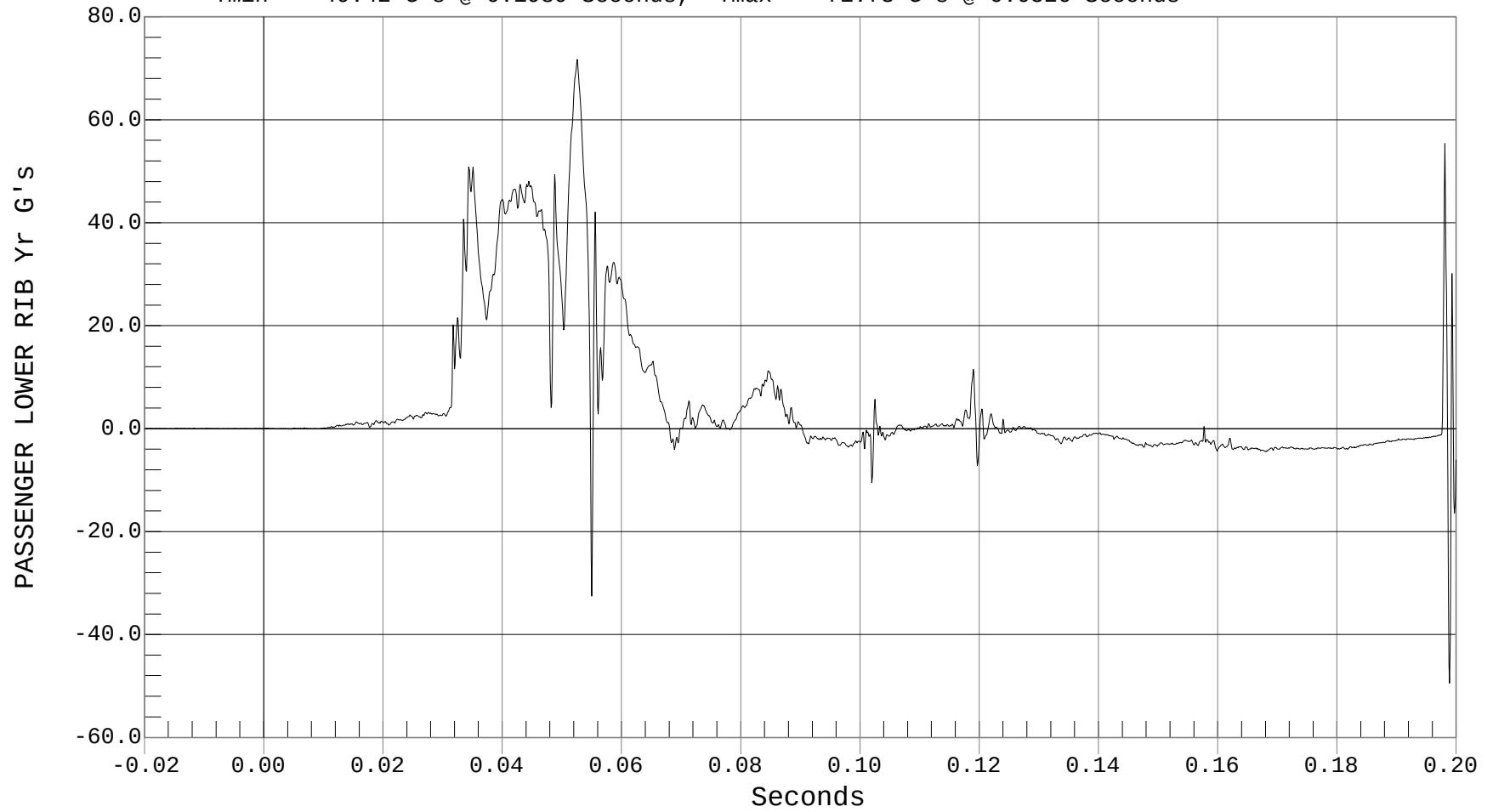
PASSENGER LOWER RIB REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER LOWER RIB Yr, B00091AT.A46

Ymin = -49.42 G's @ 0.1989 Seconds, Ymax = 71.73 G's @ 0.0526 Seconds





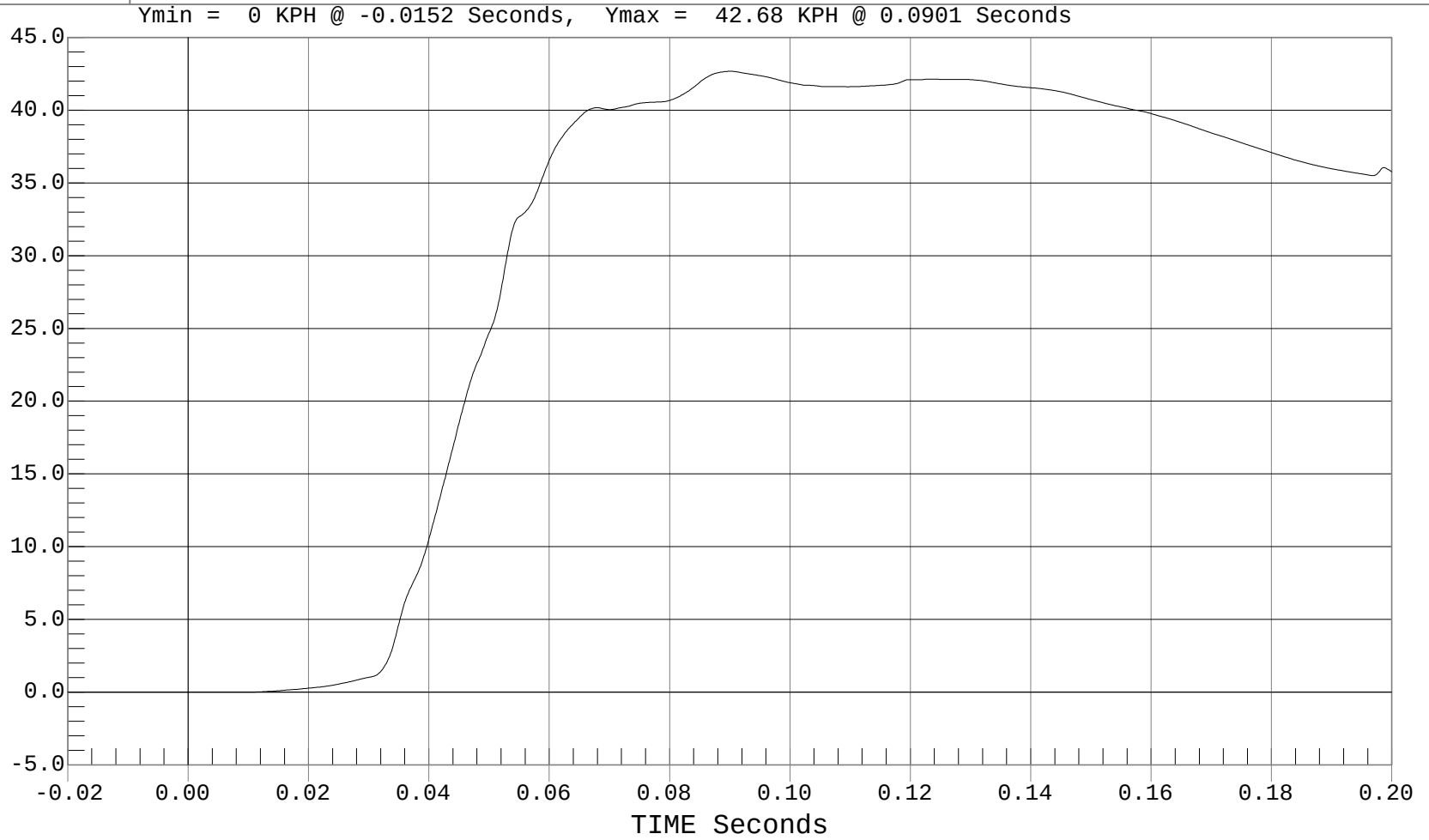
PASSENGER LOWER RIB REDUNDANT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER LOWER RIB Y REDUNDANT VELOCITY, B00091AI.V46

REAR PASSENGER LOWER RIB Y REDUNDANT VELOCITY KPH





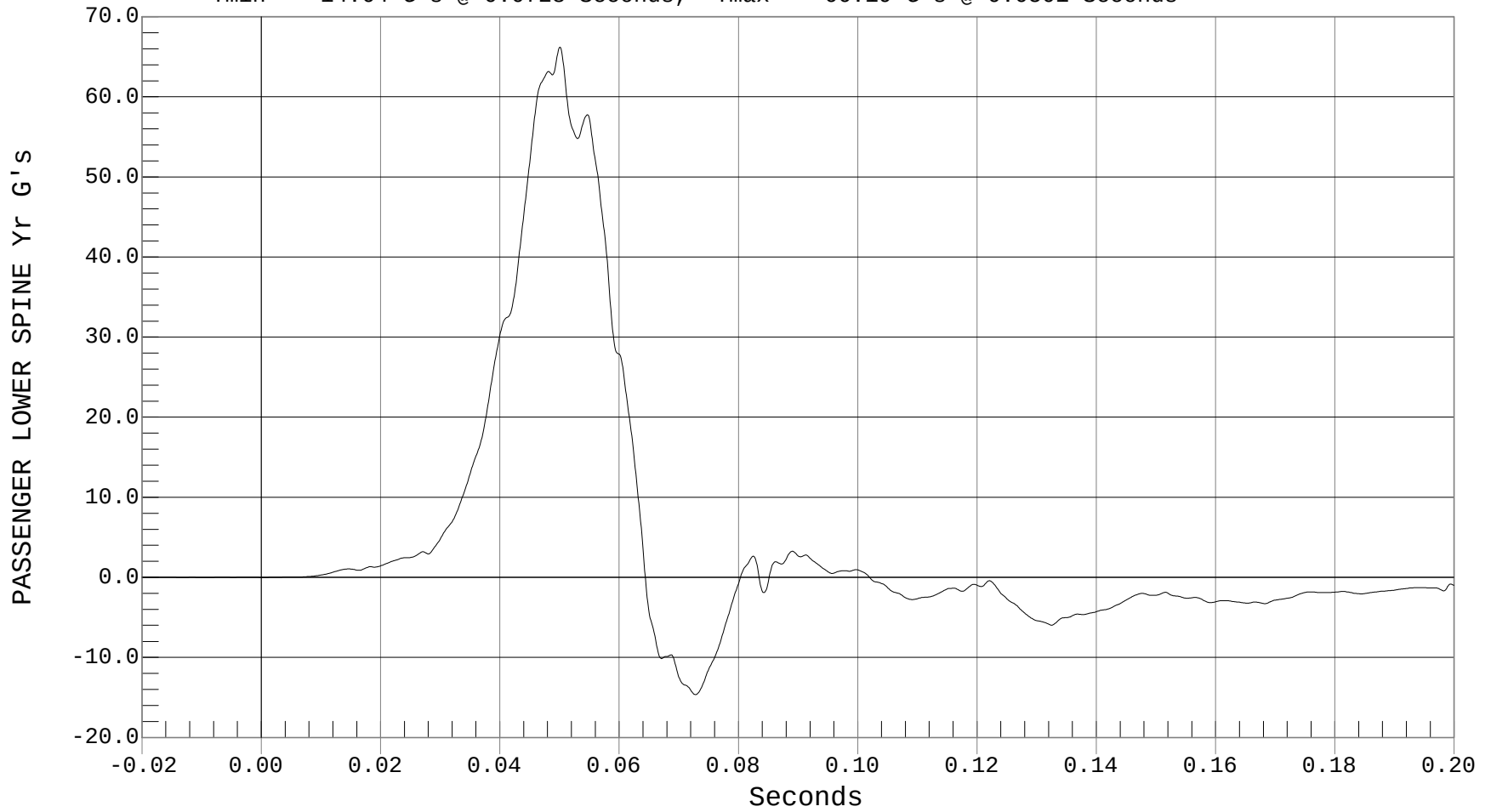
PASSENGER LOWER SPINE REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 PASSENGER LOWER SPINE Yr, B00091AF.A47

Ymin = -14.64 G's @ 0.0728 Seconds, Ymax = 66.19 G's @ 0.0501 Seconds





PASSENGER LOWER SPINE REDUNDANT Y VELOCITY

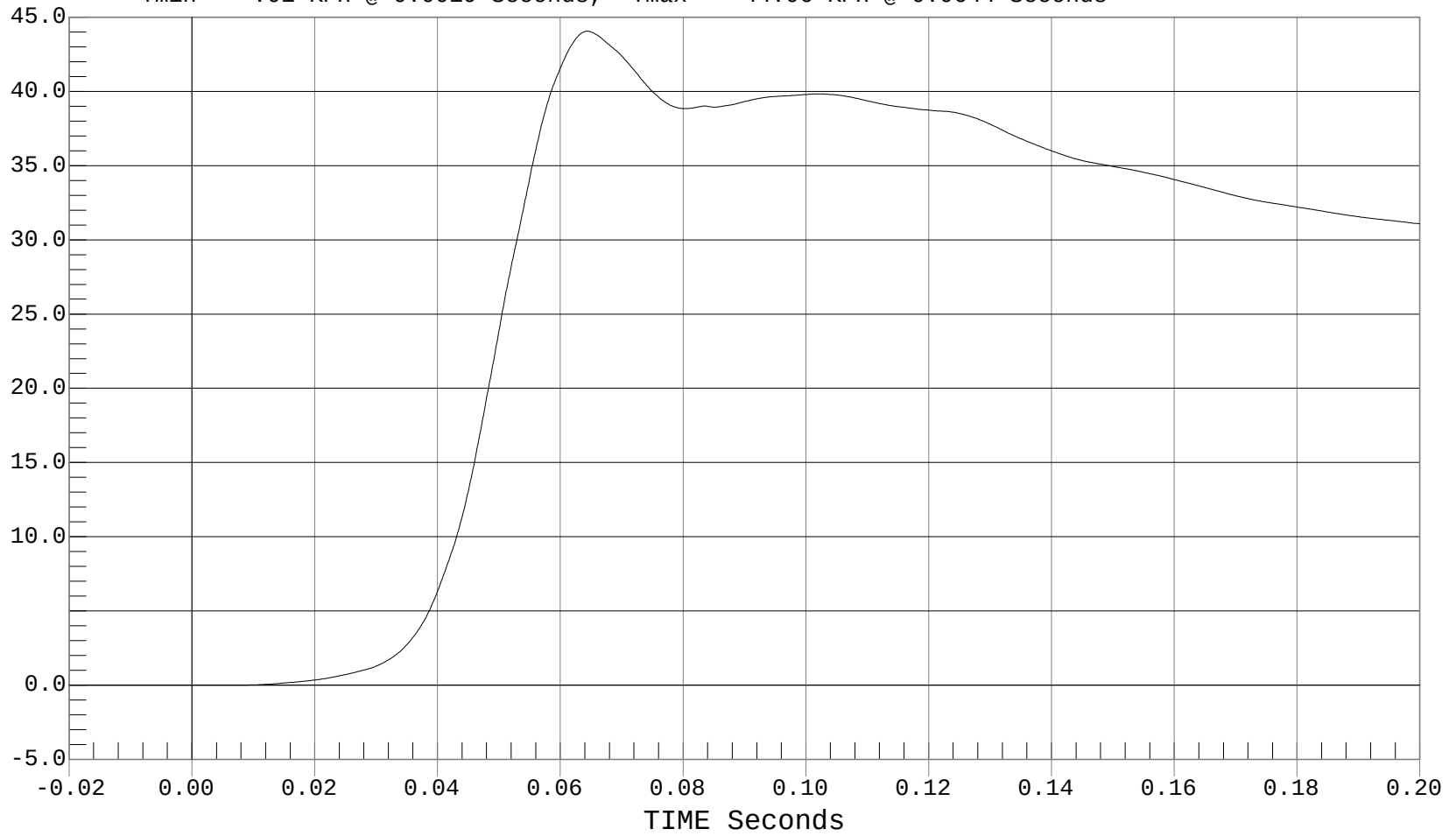
Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER LOWER SPINE Y REDUNDANT VELOCITY, B00091AI.V47

REAR PASSENGER LOWER SPINE Y REDUNDANT VELOCITY KPH

Ymin = -.01 KPH @ 0.0019 Seconds, Ymax = 44.06 KPH @ 0.0644 Seconds





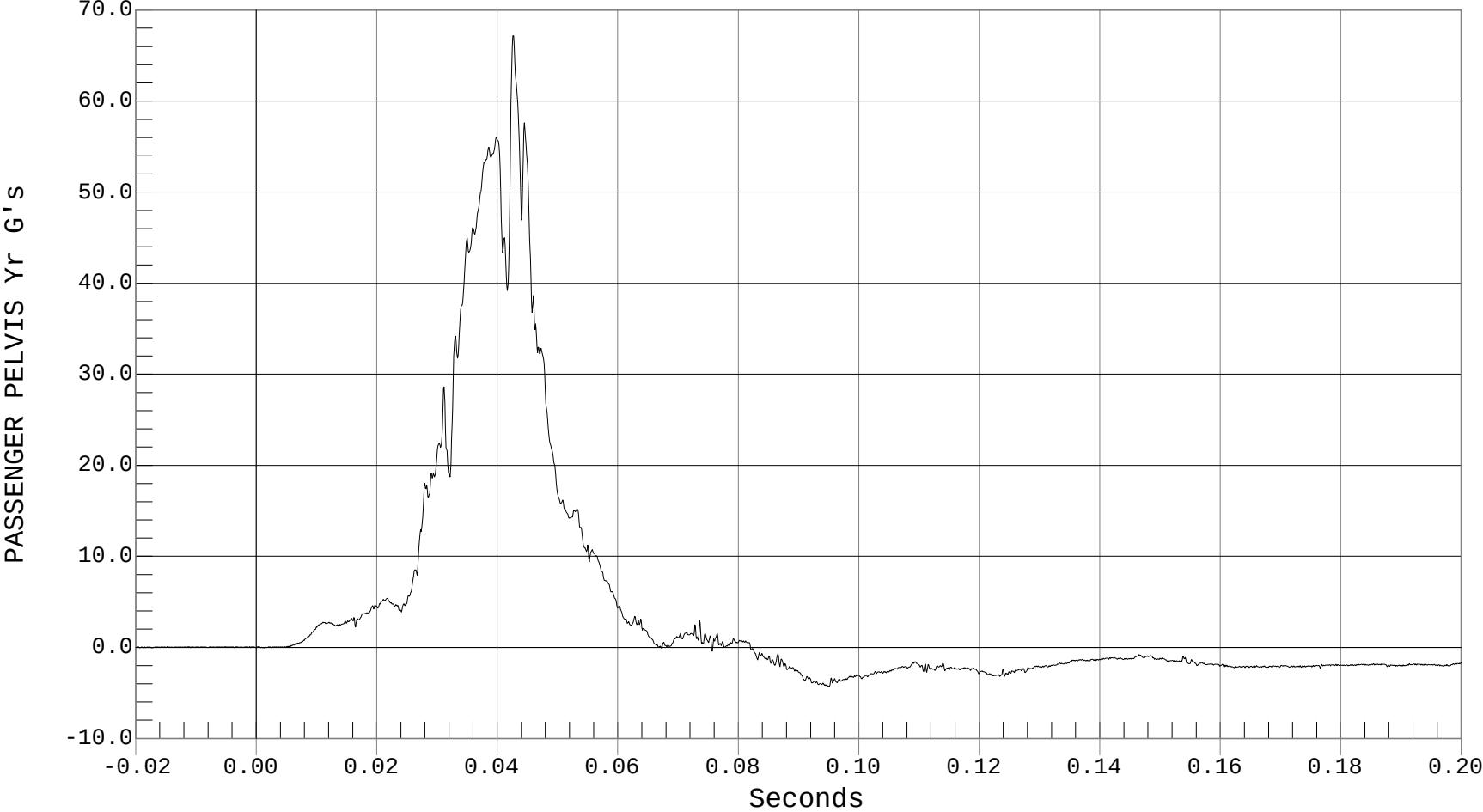
PASSENGER PELVIS REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 1000

— 1 PASSENGER PELVIS Yr, B00091AT.A48

Ymin = -4.33 G's @ 0.0951 Seconds, Ymax = 67.16 G's @ 0.0426 Seconds





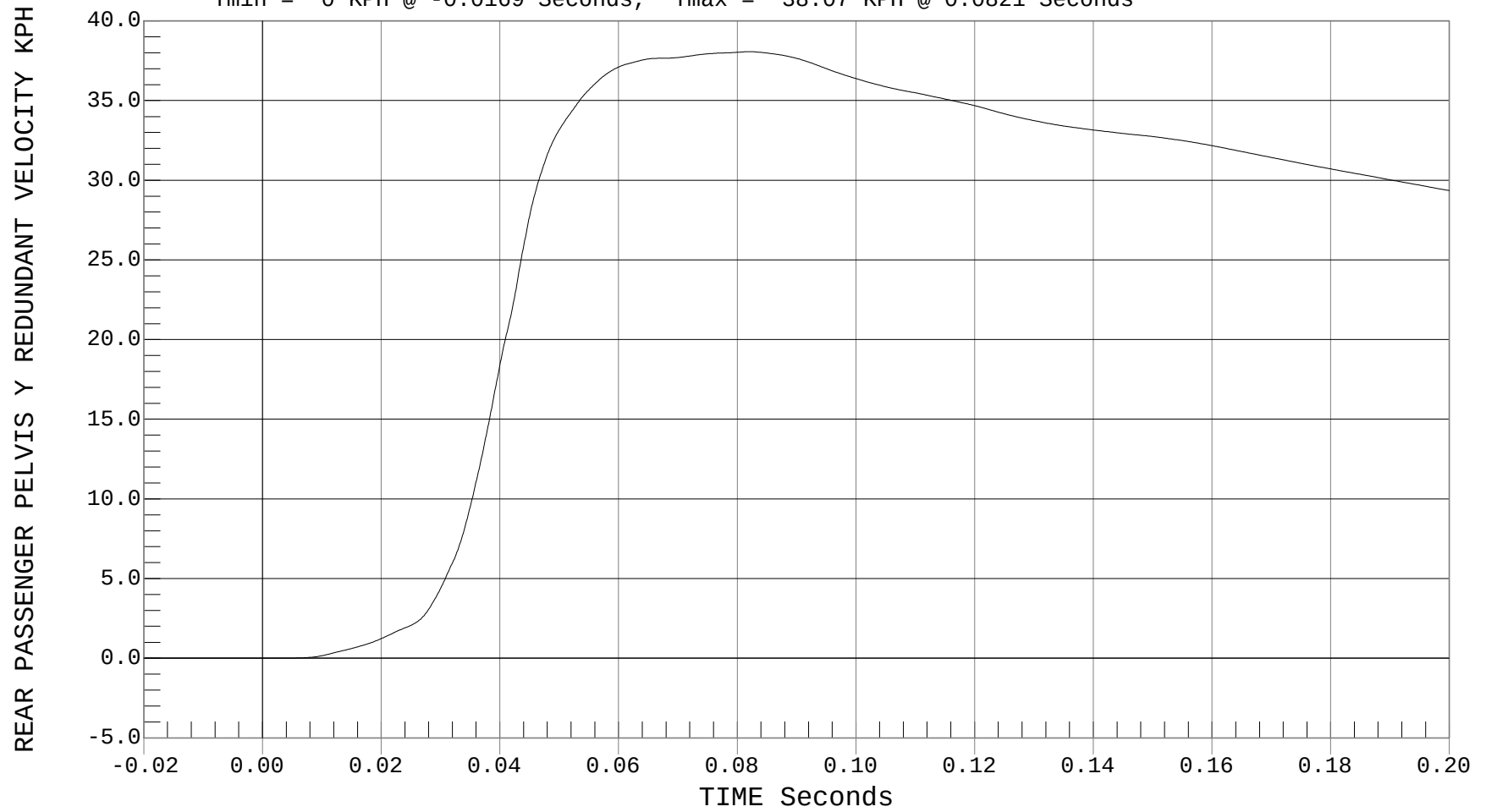
PASSENGER PELVIS REDUNDANT Y VELOCITY

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Filter Class: 180

— 1 REAR PASSENGER PELVIS Y REDUNDANT VELOCITY, B00091AI.V48

Ymin = 0 KPH @ -0.0169 Seconds, Ymax = 38.07 KPH @ 0.0821 Seconds





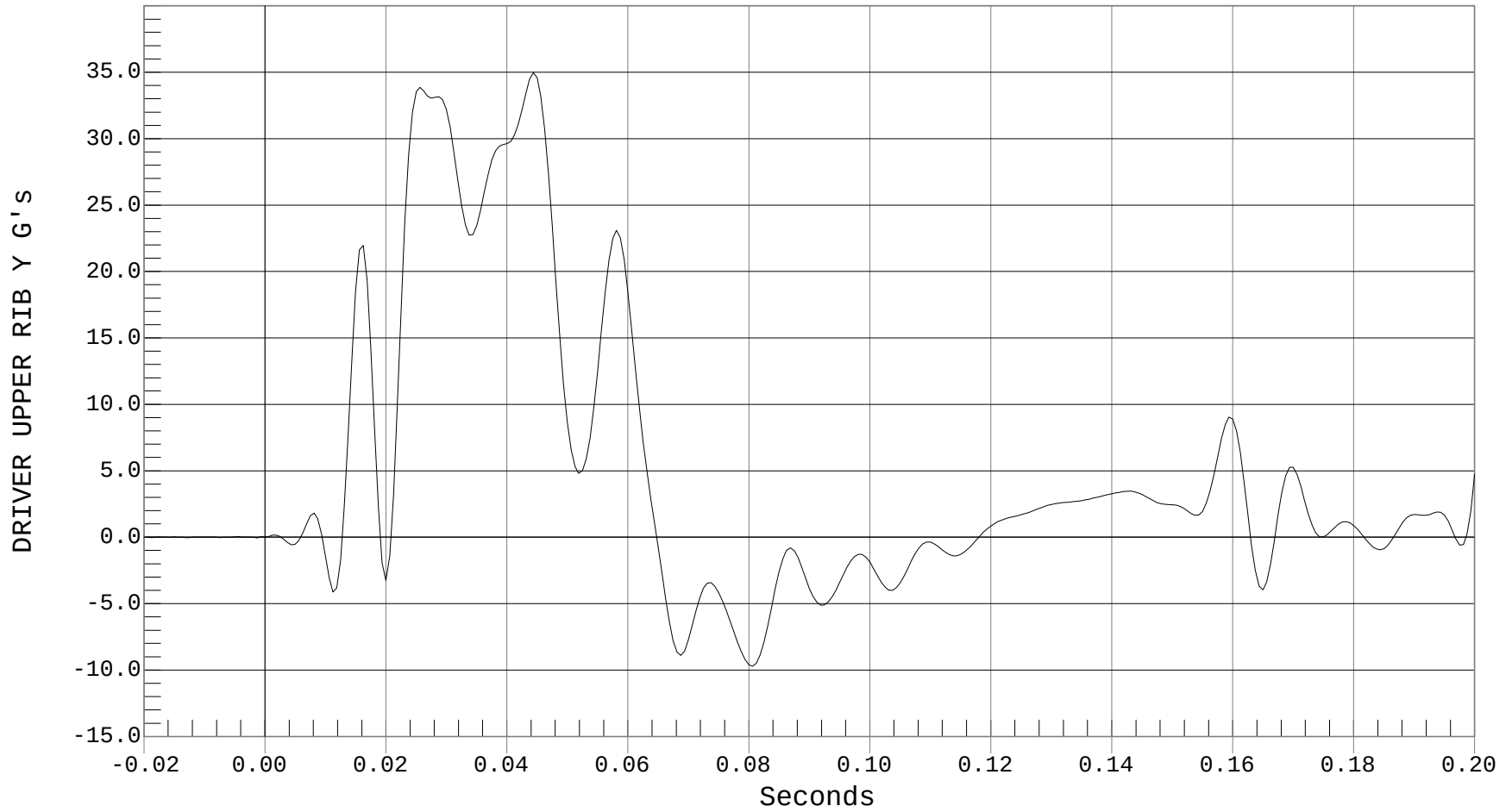
DRIVER UPPER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER UPPER RIB Y, B00091FI.R04

Ymin = -9.71 G's @ 0.0806 Seconds, Ymax = 34.96 G's @ 0.0444 Seconds





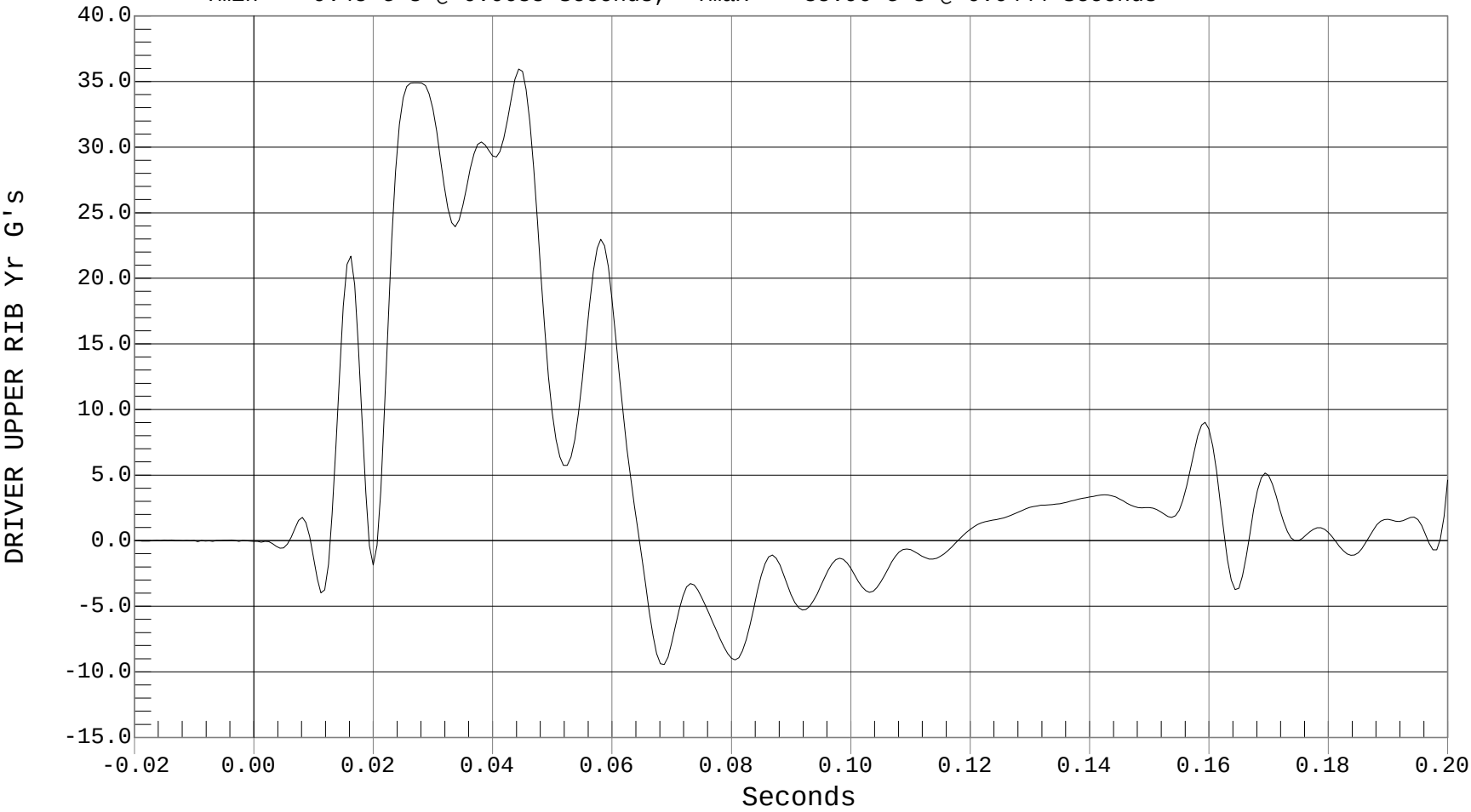
DRIVER UPPER RIB REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER UPPER RIB Yr, B00091FI.R41

Ymin = -9.45 G's @ 0.0688 Seconds, Ymax = 35.96 G's @ 0.0444 Seconds





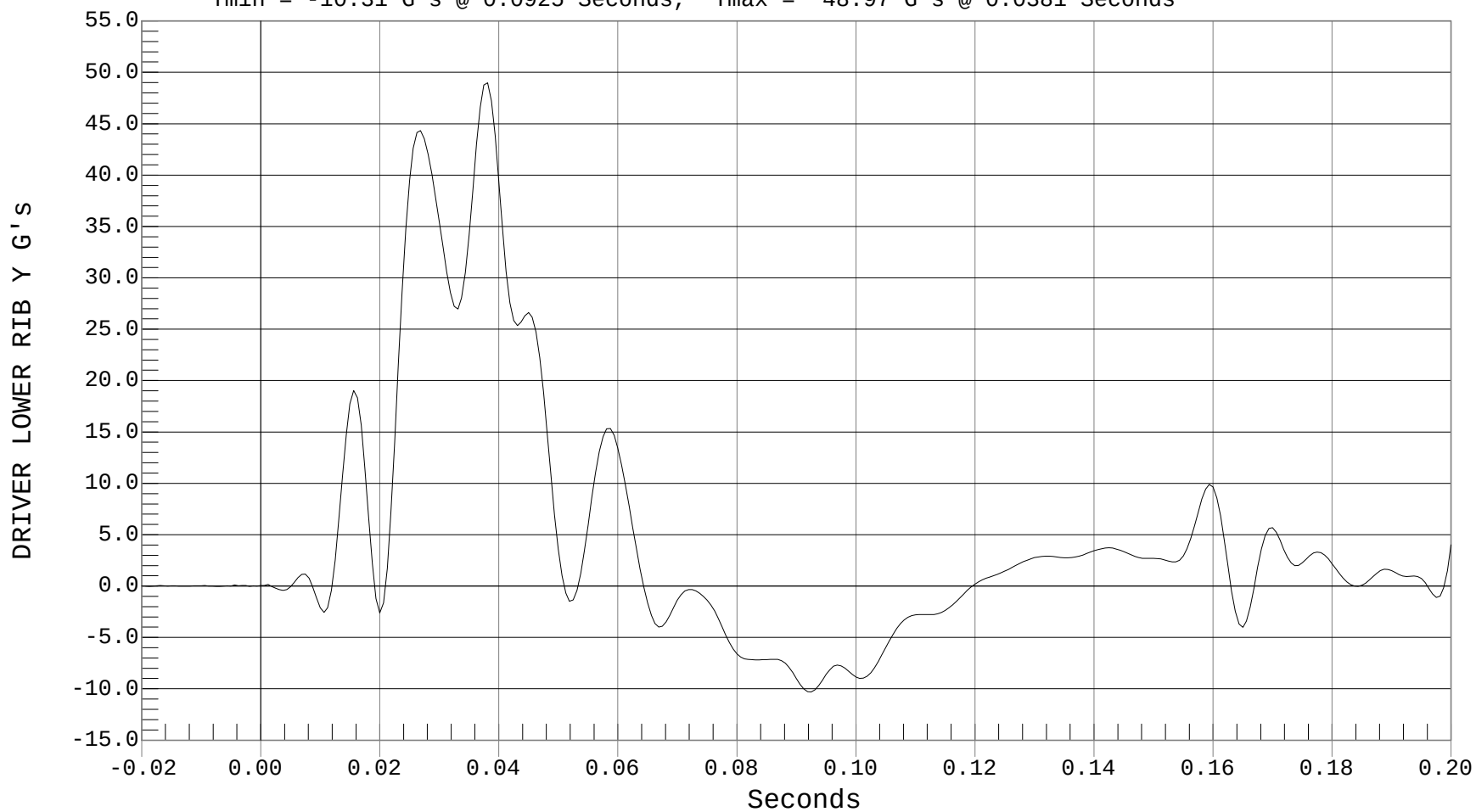
DRIVER LOWER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER LOWER RIB Y, B00091FI.R05

Ymin = -10.31 G's @ 0.0925 Seconds, Ymax = 48.97 G's @ 0.0381 Seconds





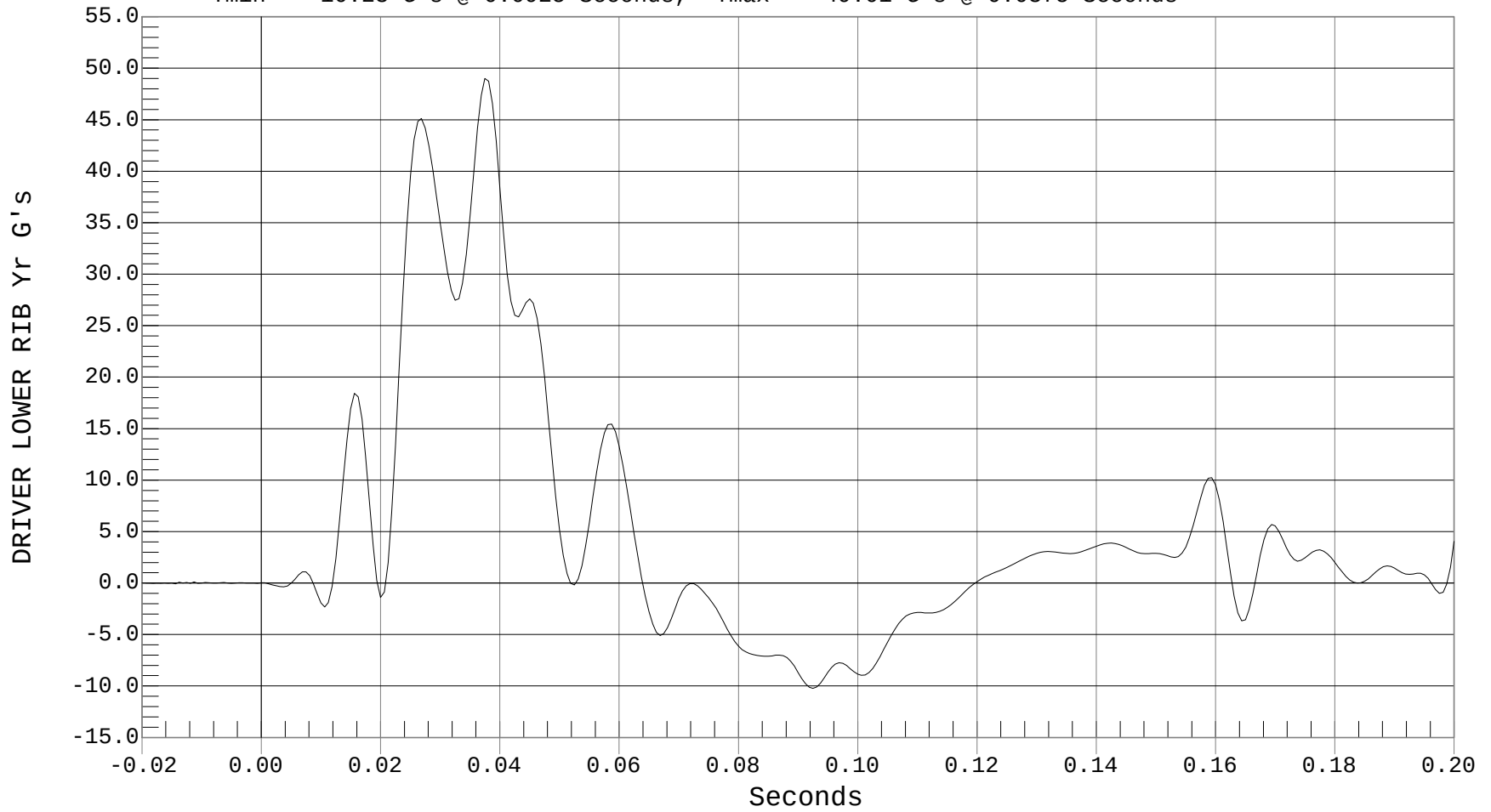
DRIVER LOWER RIB REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER LOWER RIB Yr, B00091FI.R42

Ymin = -10.23 G's @ 0.0925 Seconds, Ymax = 49.01 G's @ 0.0375 Seconds





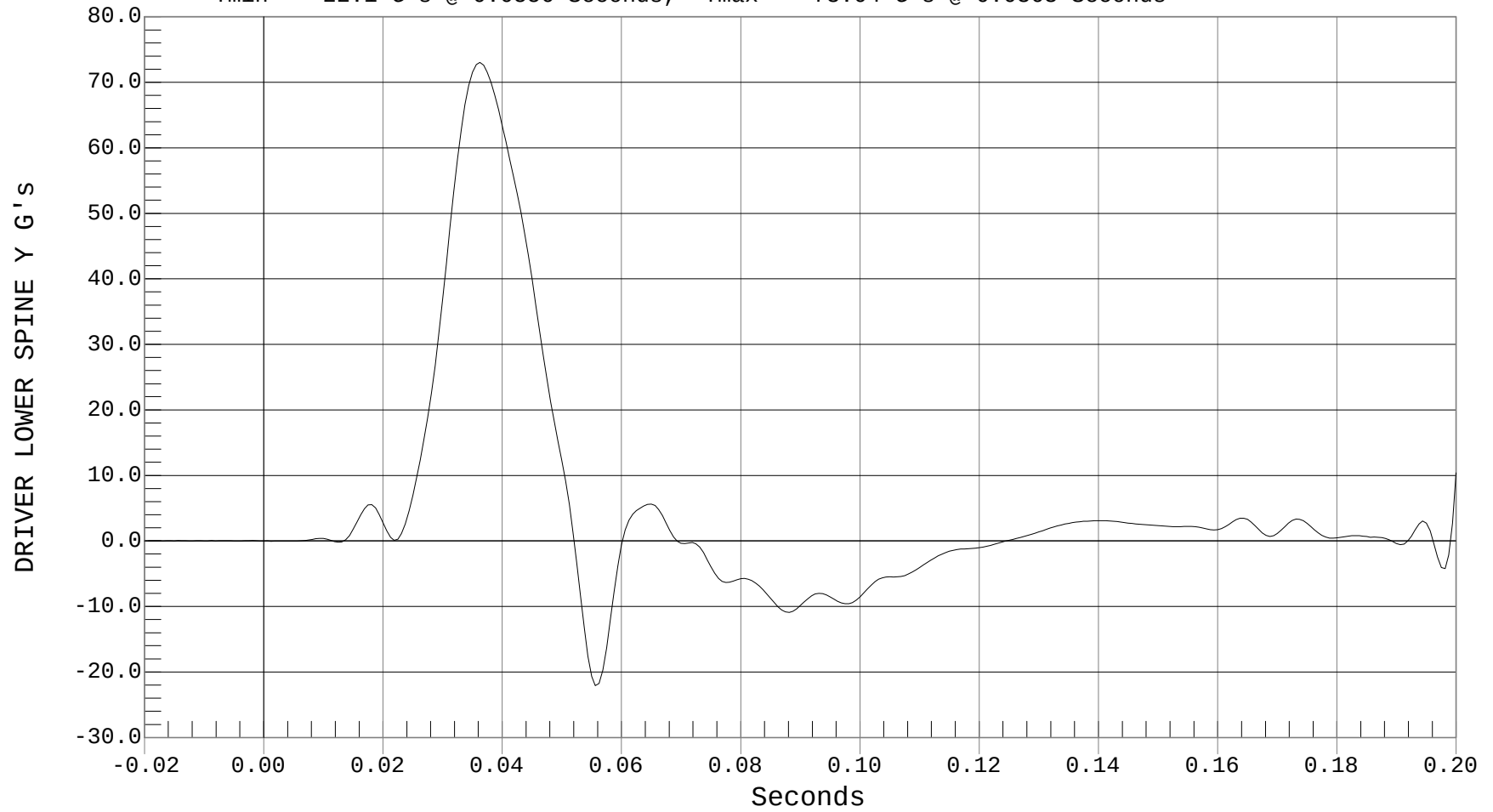
DRIVER LOWER SPINE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER LOWER SPINE Y, B00091FI.R06

Ymin = -22.1 G's @ 0.0556 Seconds, Ymax = 73.04 G's @ 0.0363 Seconds





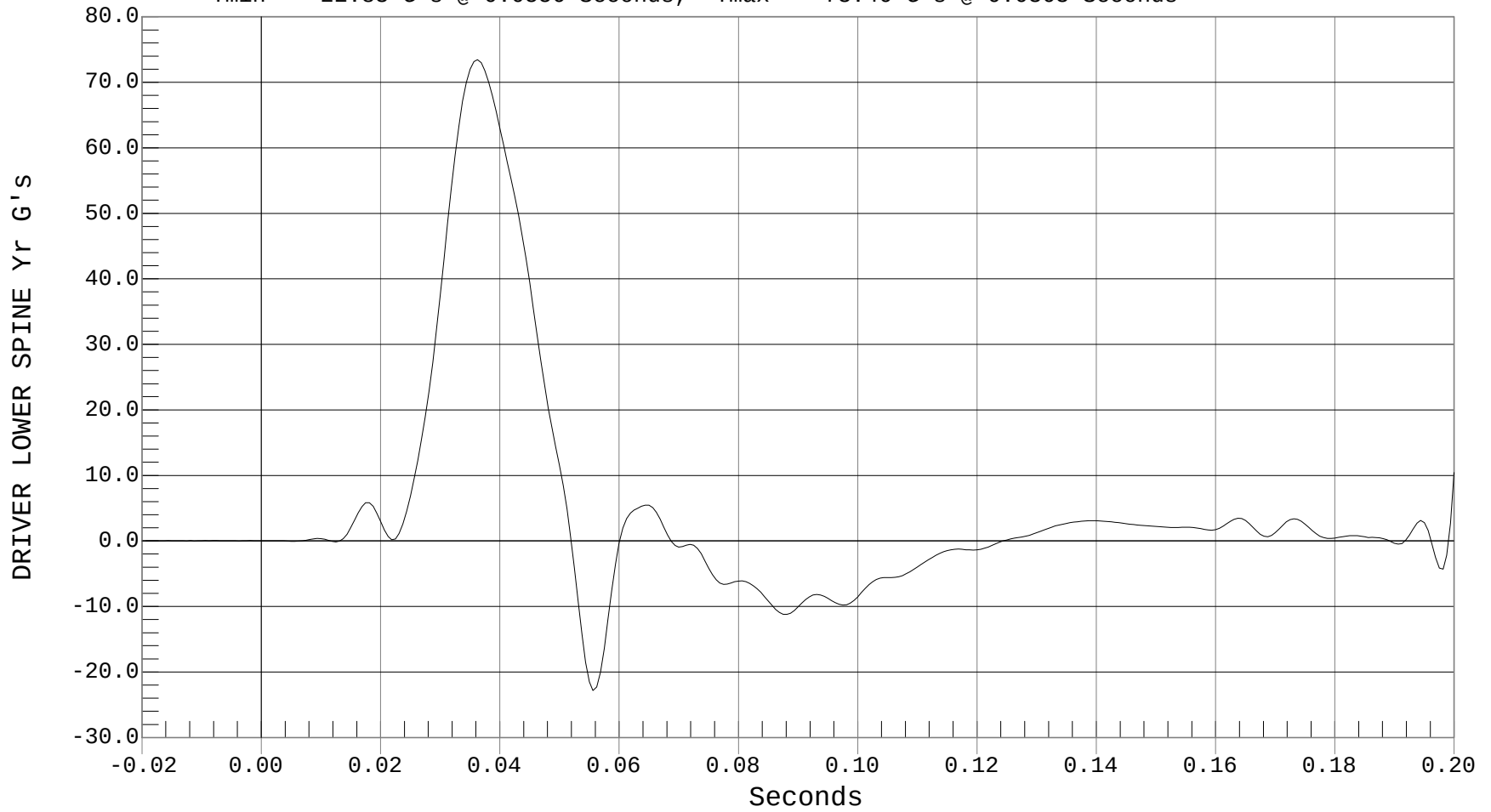
DRIVER LOWER SPINE REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER LOWER SPINE Yr, B00091FI.R43

Ymin = -22.83 G's @ 0.0556 Seconds, Ymax = 73.46 G's @ 0.0363 Seconds





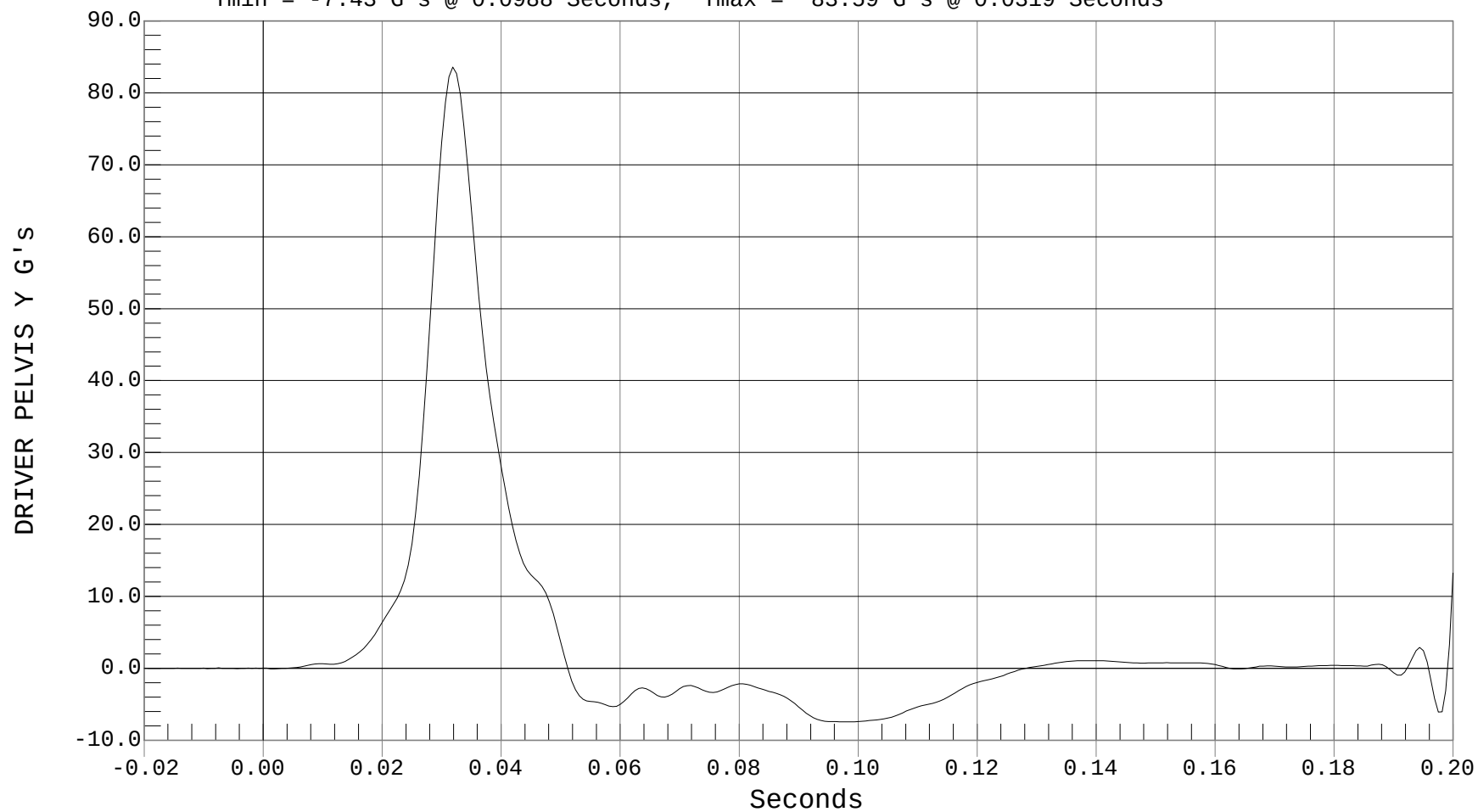
DRIVER PELVIS Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER PELVIS Y, B00091FI.R07

Ymin = -7.43 G's @ 0.0988 Seconds, Ymax = 83.59 G's @ 0.0319 Seconds





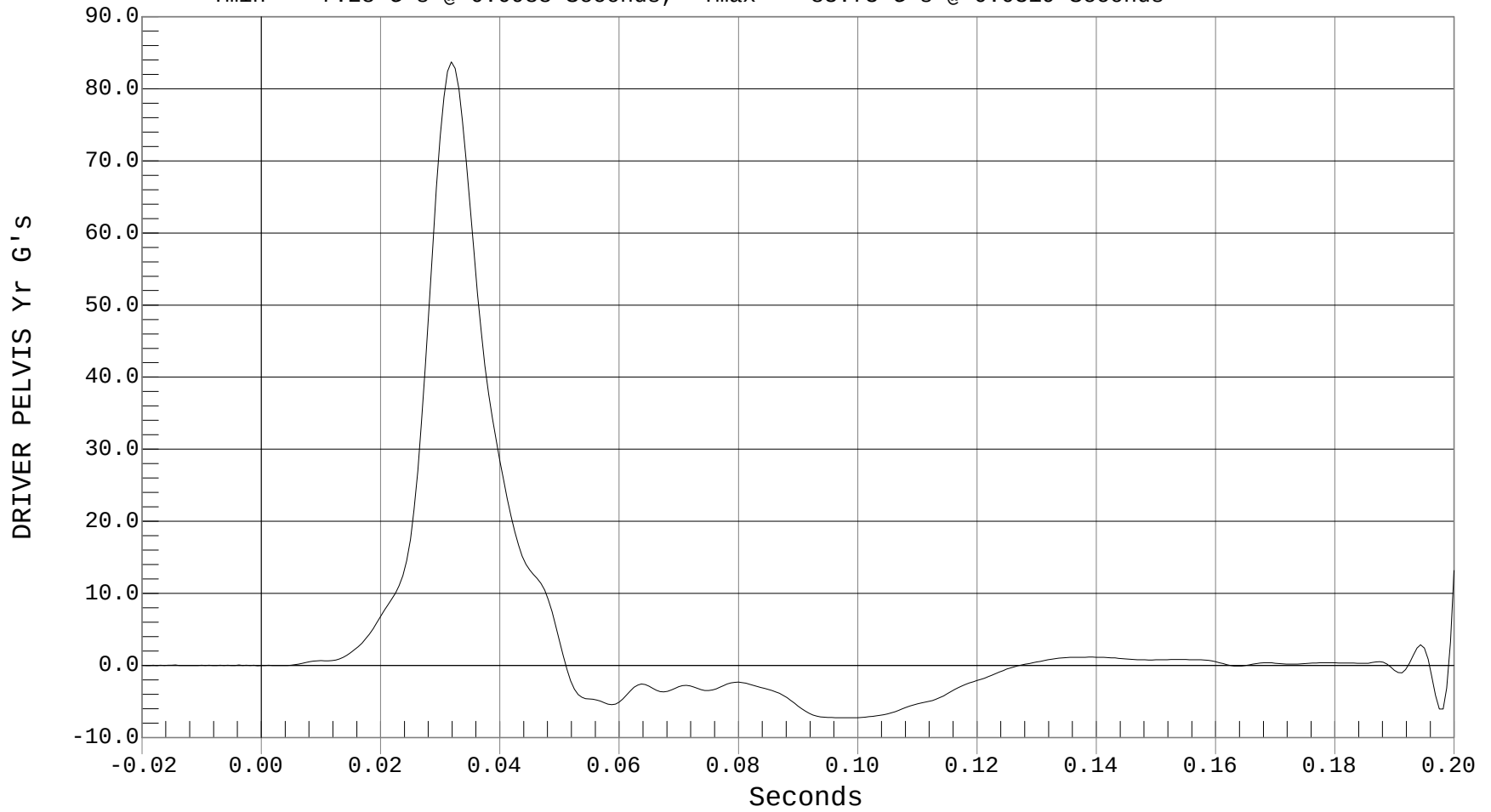
DRIVER PELVIS REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 DRIVER PELVIS Yr, B00091FI.R44

Ymin = -7.28 G's @ 0.0988 Seconds, Ymax = 83.73 G's @ 0.0319 Seconds





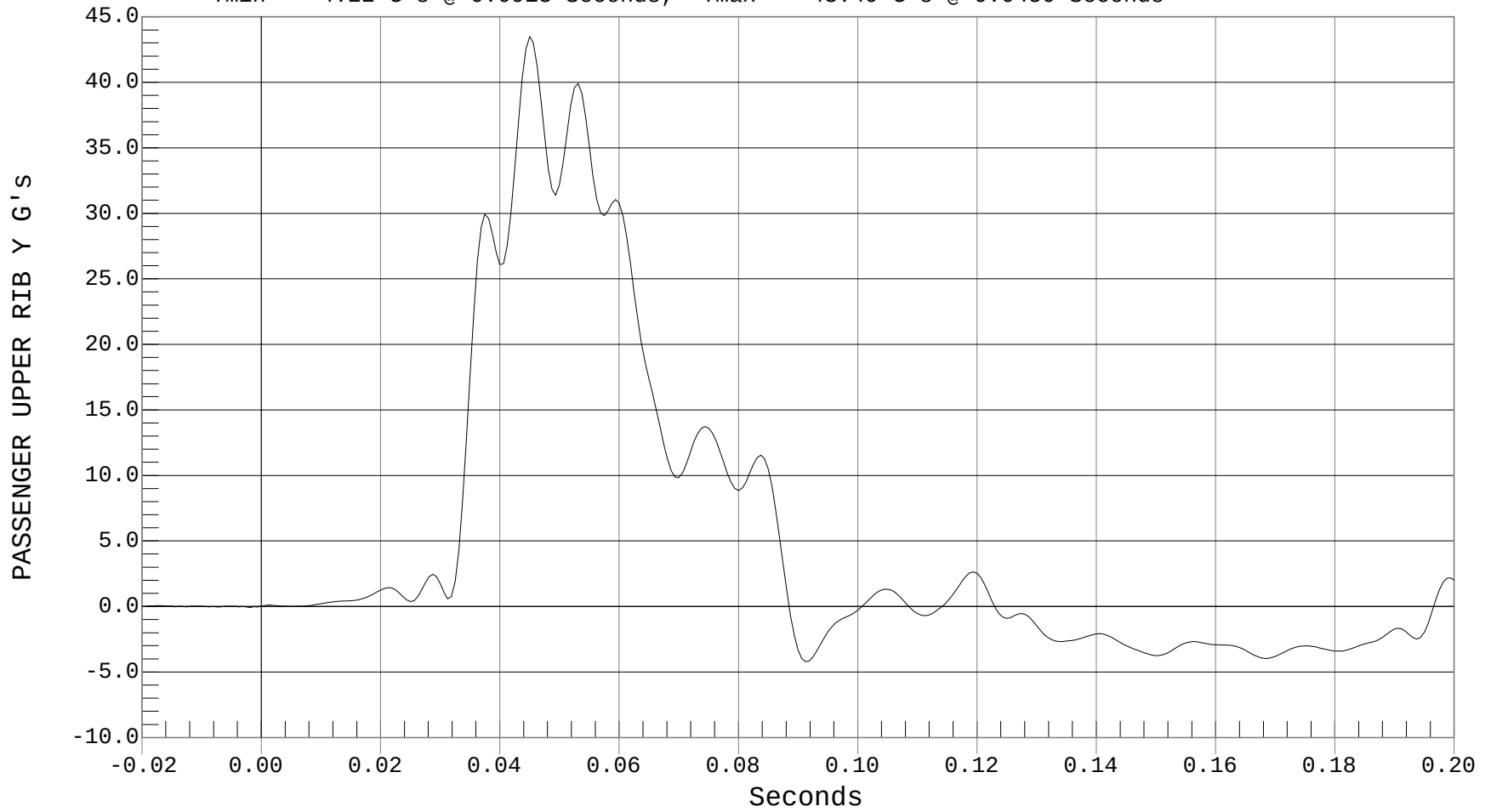
REAR PASSENGER UPPER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER UPPER RIB Y, B00091FI.R11

Ymin = -4.22 G's @ 0.0913 Seconds, Ymax = 43.49 G's @ 0.0450 Seconds





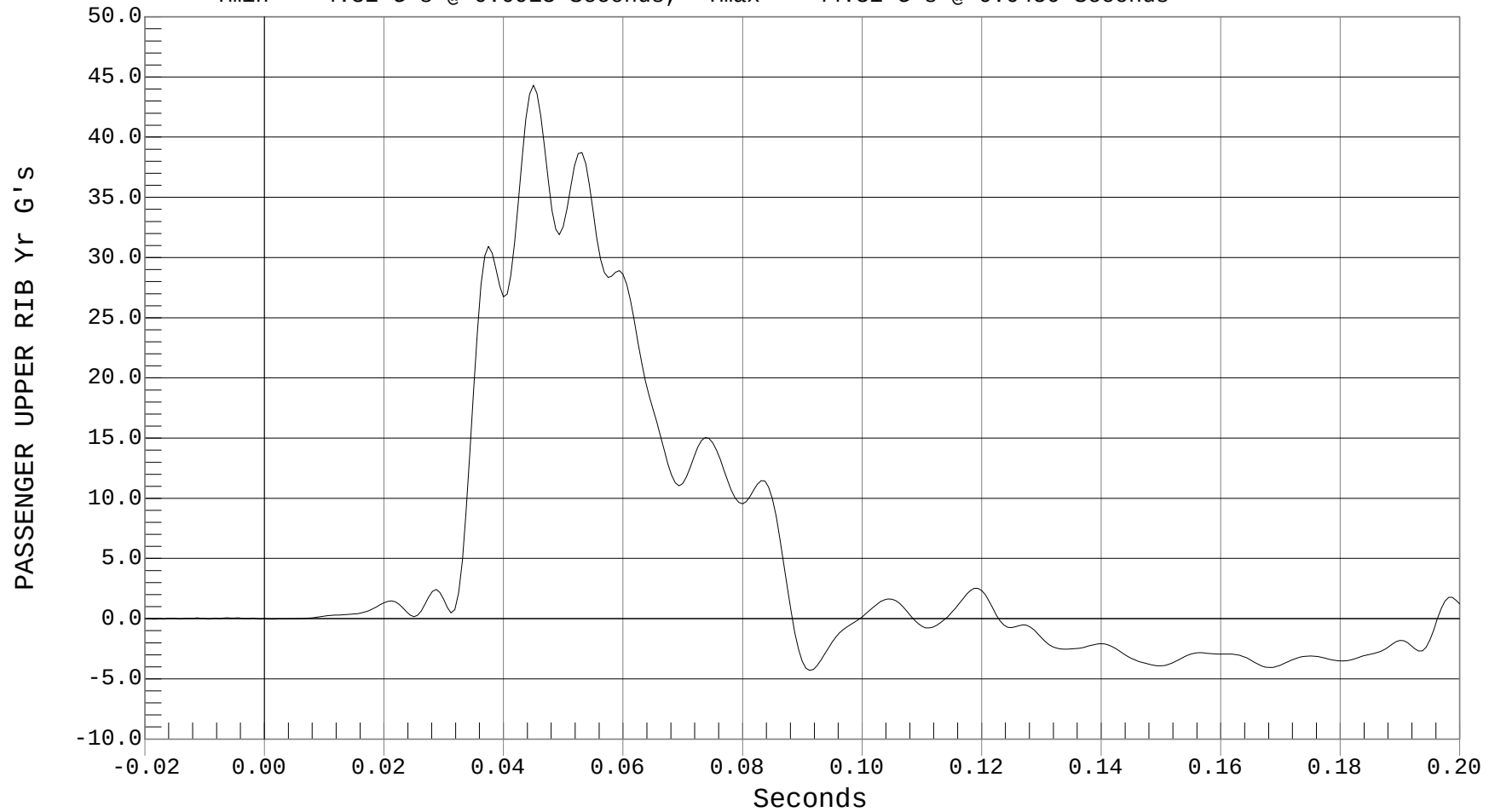
REAR PASSENGER UPPER RIB REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER UPPER RIB Yr, B00091FI.R45

Ymin = -4.31 G's @ 0.0913 Seconds, Ymax = 44.31 G's @ 0.0450 Seconds





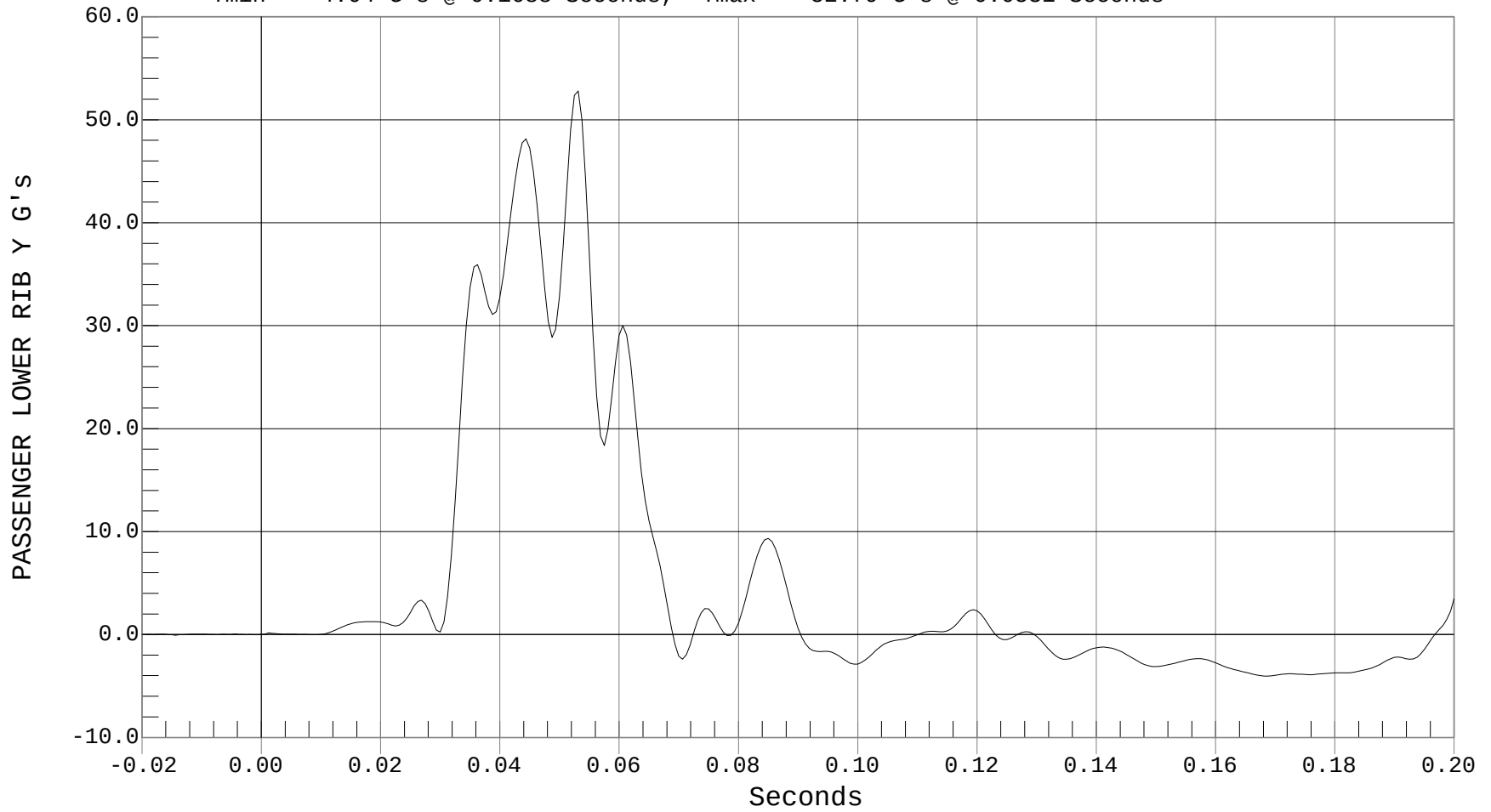
REAR PASSENGER LOWER RIB Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER LOWER RIB Y, B00091FI.R12

Ymin = -4.04 G's @ 0.1688 Seconds, Ymax = 52.79 G's @ 0.0531 Seconds





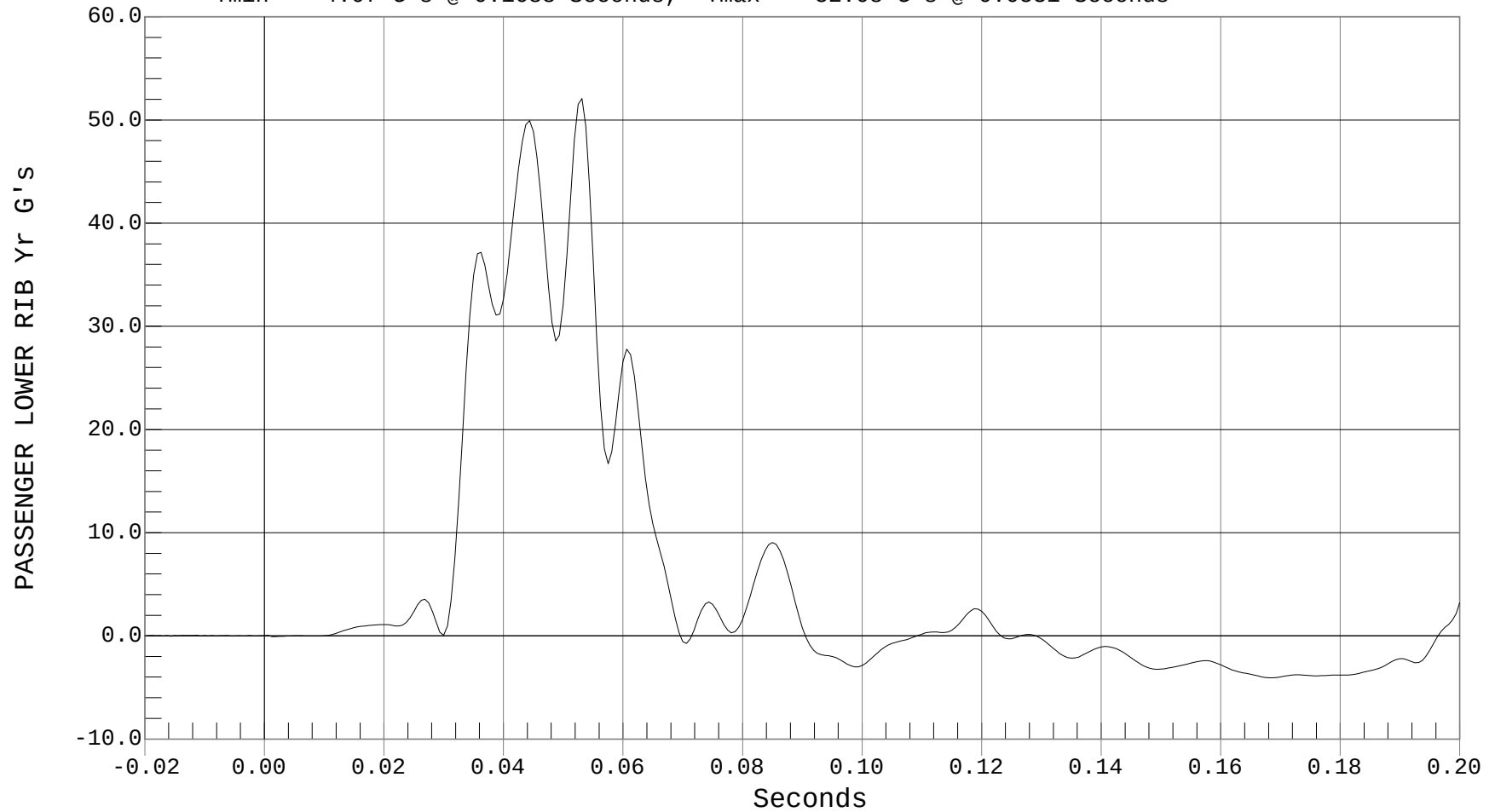
REAR PASSENGER LOWER RIB REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER LOWER RIB Yr, B00091FI.R46

Ymin = -4.07 G's @ 0.1688 Seconds, Ymax = 52.08 G's @ 0.0531 Seconds





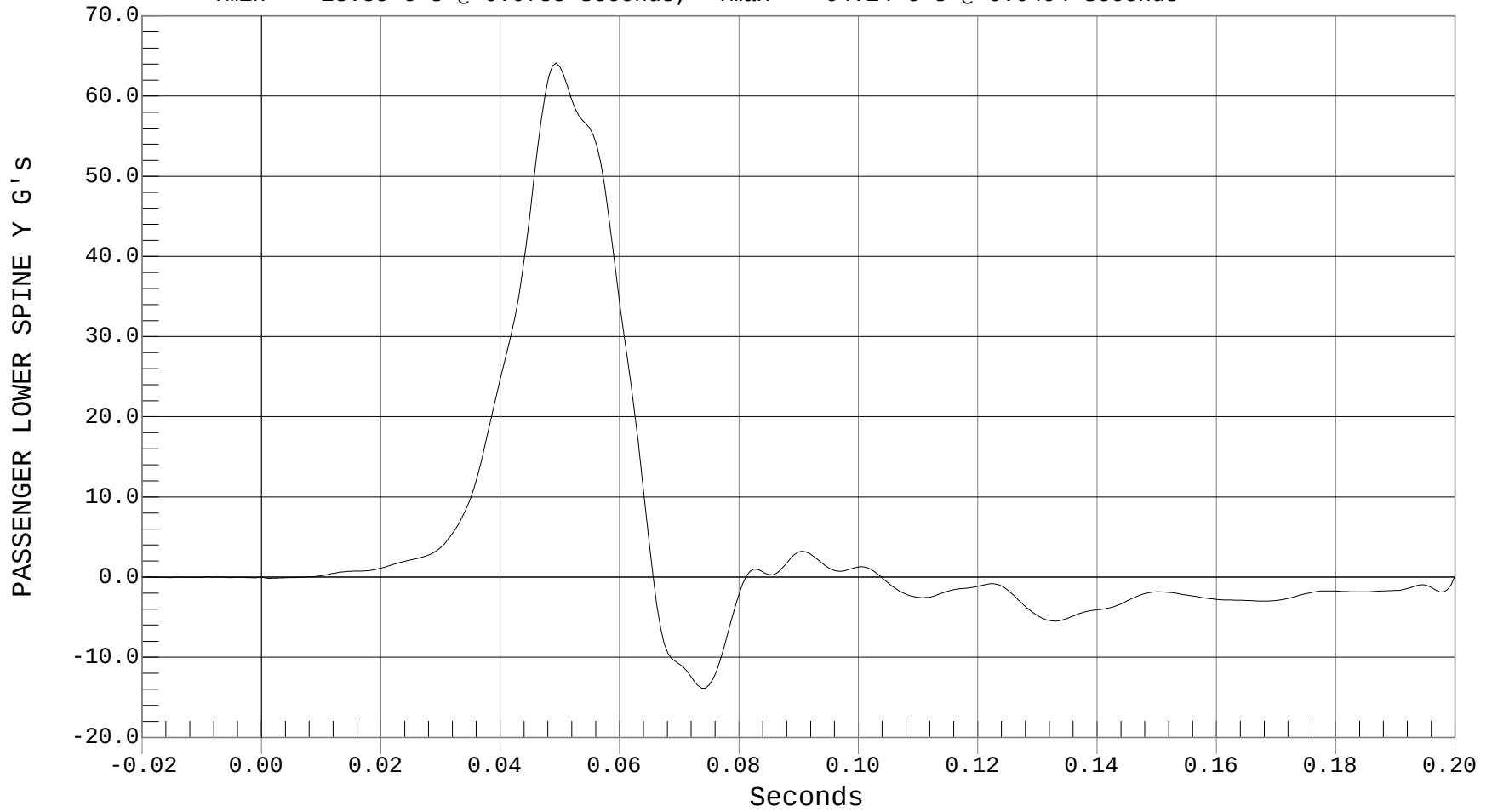
REAR PASSENGER LOWER SPINE Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER LOWER SPINE Y, B00091FI.R13

Ymin = -13.85 G's @ 0.0738 Seconds, Ymax = 64.14 G's @ 0.0494 Seconds





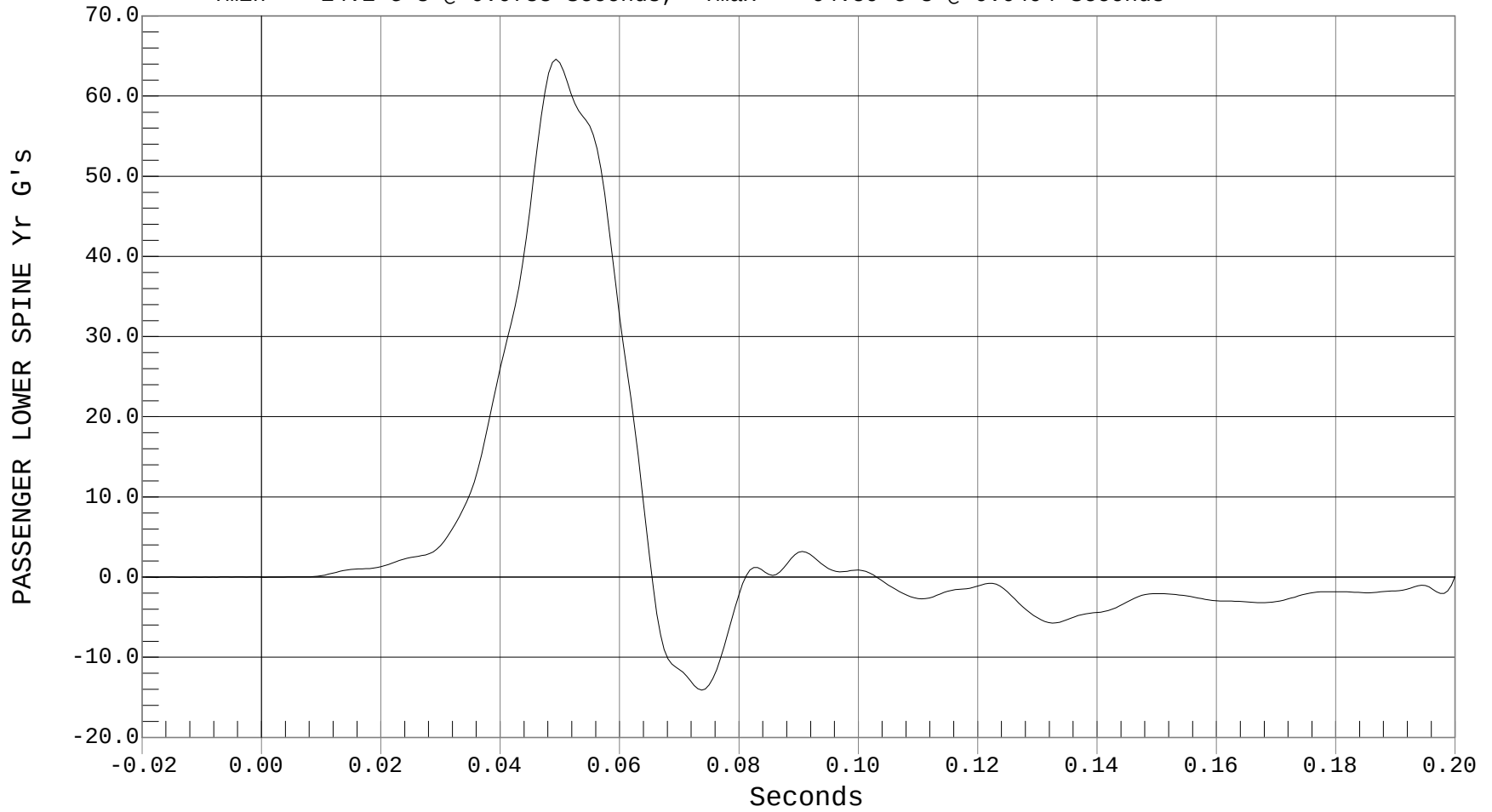
REAR PASSENGER LOWER SPINE REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER LOWER SPINE Yr, B00091FI.R47

Ymin = -14.1 G's @ 0.0738 Seconds, Ymax = 64.59 G's @ 0.0494 Seconds





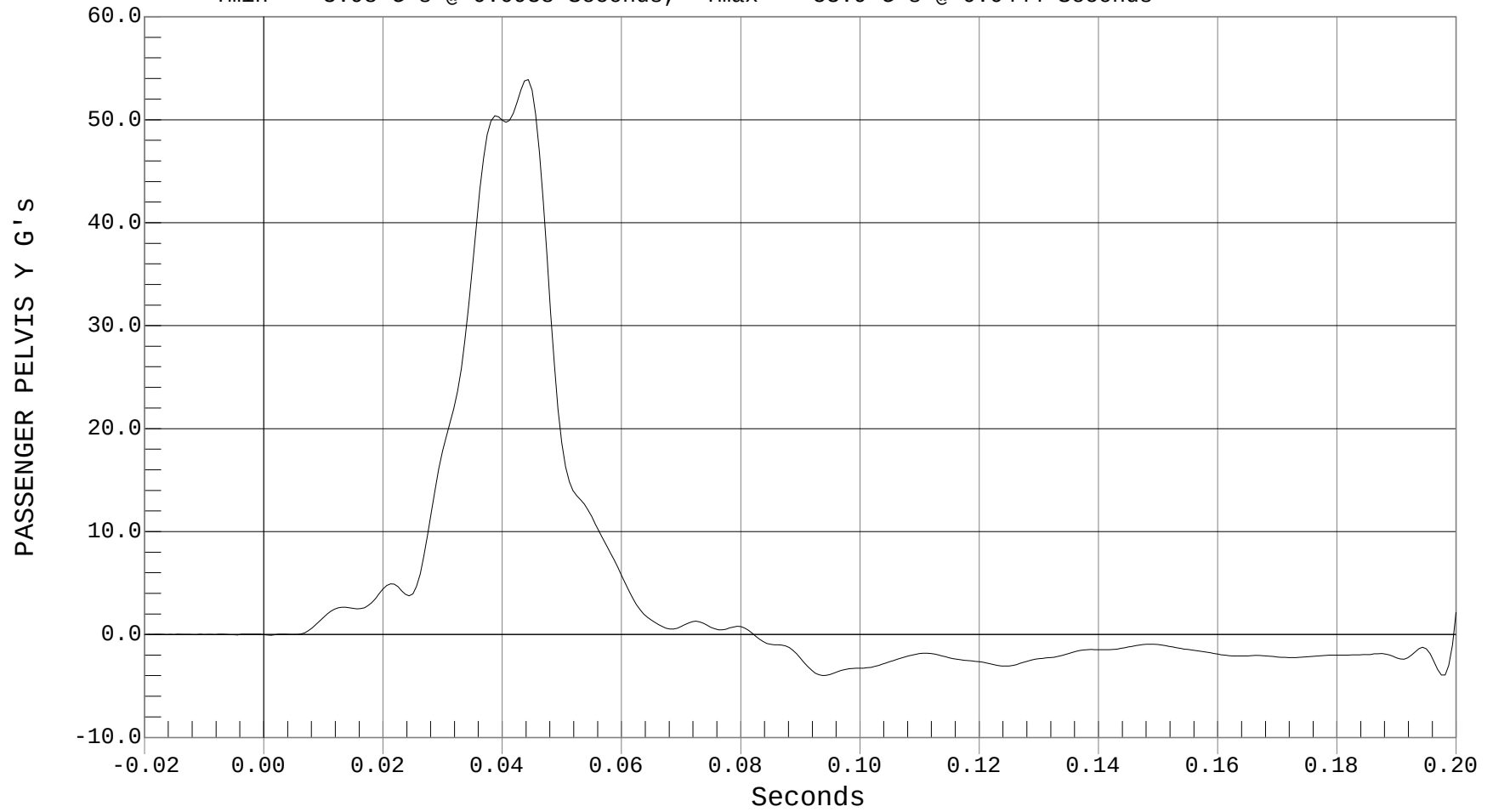
REAR PASSENGER PELVIS Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER PELVIS Y, B00091FI.R14

Ymin = -3.98 G's @ 0.0938 Seconds, Ymax = 53.9 G's @ 0.0444 Seconds





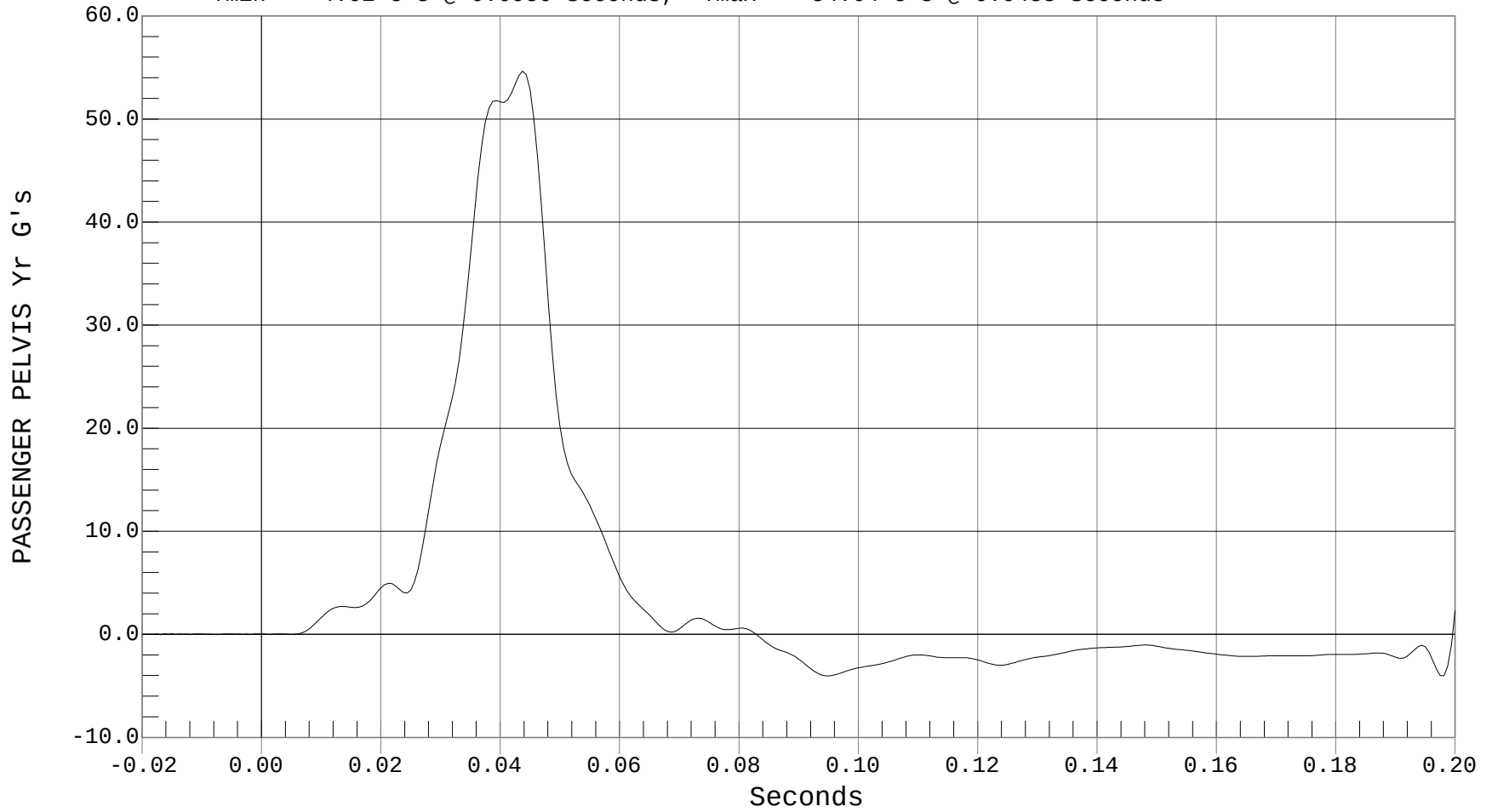
REAR PASSENGER PELVIS REDUNDANT Y ACCELERATION

Test Desc.: 38 MPH SIDE NCAP IMPACT
Component: 2001 HONDA ACCORD 2 DOOR
Other Info:

Test Date: 10-31-00
Speed: 38.2 MPH, 61.5 KPH
Fir Filtered

— 1 PASSENGER PELVIS Yr, B00091FI.R48

Ymin = -4.02 G's @ 0.0950 Seconds, Ymax = 54.64 G's @ 0.0438 Seconds



APPENDIX C
SID CONFIGURATION AND PERFORMANCE VERIFICATION

CERTIFICATION DATA

Dummy Serial Number: 271

Calibration Test Results Summary

Dummy Serial Number: 271

Pre-Test Calibration

External Dimensions:	The dummy passed all external dimension requirements.
Head Drop Test:	The head passed all drop test requirements.
Neck Pendulum Test:	The neck passed all pendulum test requirements.
Thorax Impact Test:	The thorax passed all impact test requirements.
Pelvic Impact Test:	The pelvis passed all impact test requirements.
Abdominal Compression Test:	The abdomen passed all compression test requirements.
Lumbar Flexion Test:	The lumbar passed all flexion test requirements.

SIDE IMPACT DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

Dummy Serial Number: 271
Date of Verification: 10/25/00
Test Number: D00130

DESCRIPTION	SPECIFICATION	TEST RESULTS
SH-Seated Height (mm)	889 – 909	900
RH-Rib Height (mm)	501 – 521	516
HP-Hip Pivot Height (mm)	99 ref.	99
RD-Rib From Back Line (mm)	229 - 241	234
KV-Knee Pivot From Back Line (mm)	511 – 526	518
SW-Knee Pivot to Floor (mm)	490 – 505	493
HW – Hip Width (mm)	356 – 391	377

Technician: _____

Approved By: _____

MGA RESEARCH CORPORATION

HEAD DROP TEST

SIDE IMPACT DUMMY (SID)

Date: 10/25/00

Dummy Serial Number: 271

Test Number: D001301

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 - 25.5	21.0°
Relative Humidity (%)	10 - 70	54%
Peak Resultant Acceleration	210 - 260 g's	247
Peak Lateral Acceleration	< 10 g's	-9
Time Above 100 g.	0.9 - 1.5 msec.	1.2

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____

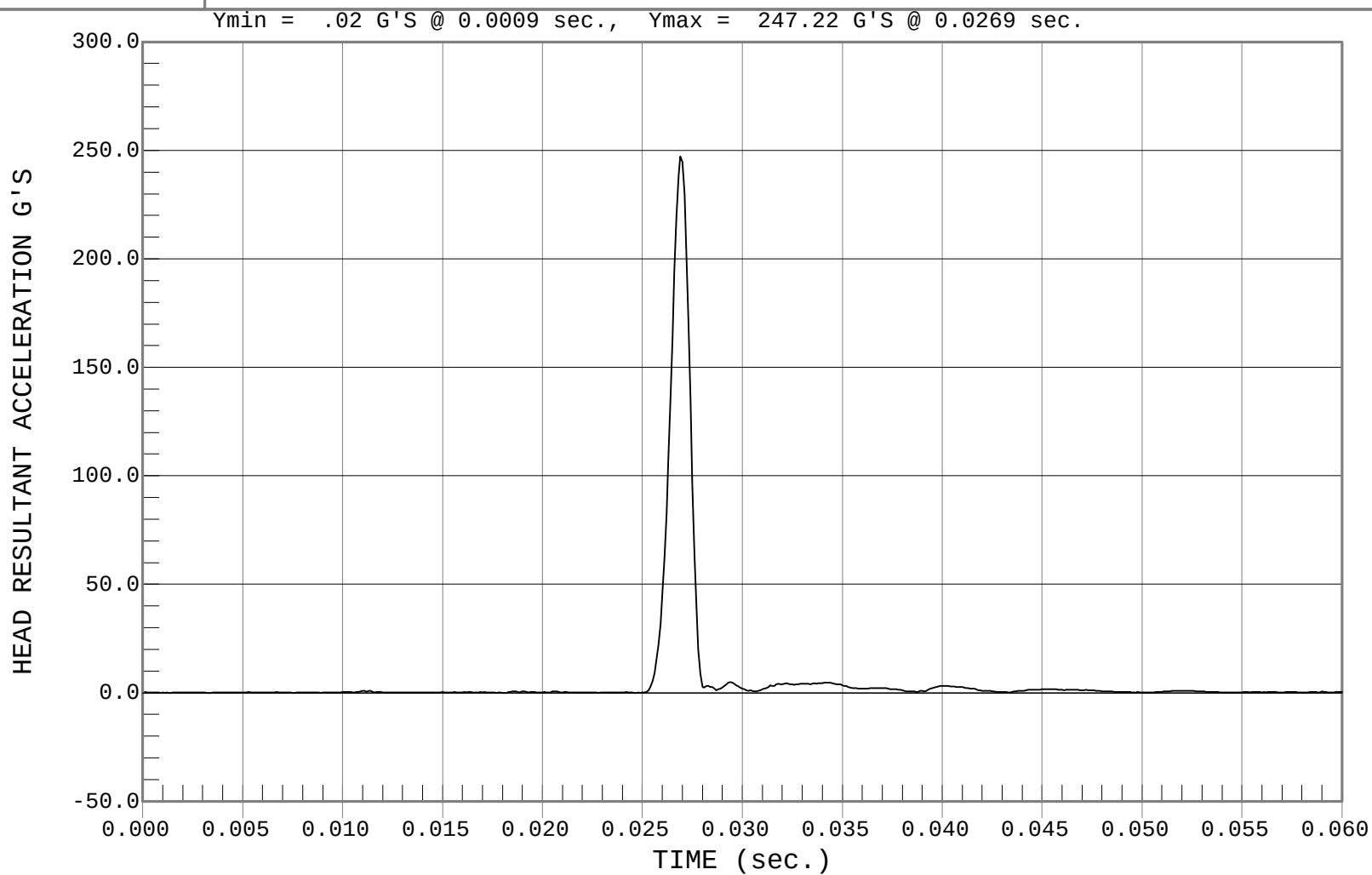


PEAK RESULTANT ACCELERATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy # 271

Test Date: 10-25-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

— 1 HEAD RESULTANT ACCELERATION, D00301av.a01





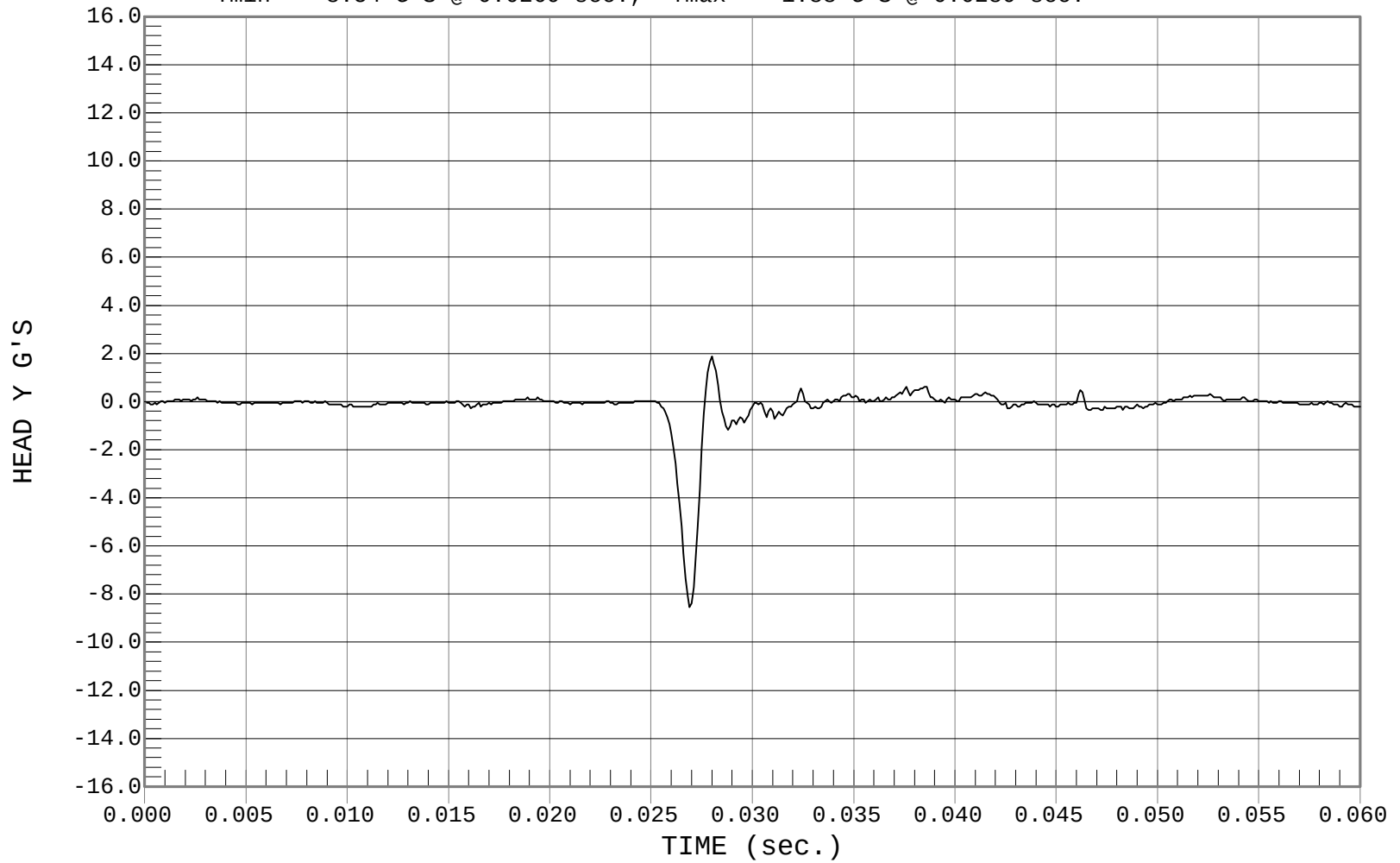
PEAK LATERAL ACCELARATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy # 271

Test Date: 10-25-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 HEAD Y, D00301AR.A02

Ymin = -8.54 G'S @ 0.0269 sec., Ymax = 1.88 G'S @ 0.0280 sec.



MGA RESEARCH CORPORATION
THORACIC SHOCK ABSORBER TEST
SIDE IMPACT DUMMY (SID)

Date: 10/24/00
 Dummy Serial Number: 271
 Test Number: D001306/7/8

TEST PARAMETER		SPECIFICATION	TEST RESULTS
Temperature (°C)		18.9 – 25.5	21.0°
Relative Humidity (%)		10 – 70	47%
Velocity 3.05 m/s	Force (N)	836 – 1125	924
	Displacement (mm)	30 – 35	34
Velocity 4.27 m/s	Force (N)	1730 – 2099	1765
	Displacement (mm)	32 – 37	37
Velocity 6.1 m/s	Force (N)	3741 – 4448	4319
	Displacement (mm)	33 – 40	38

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



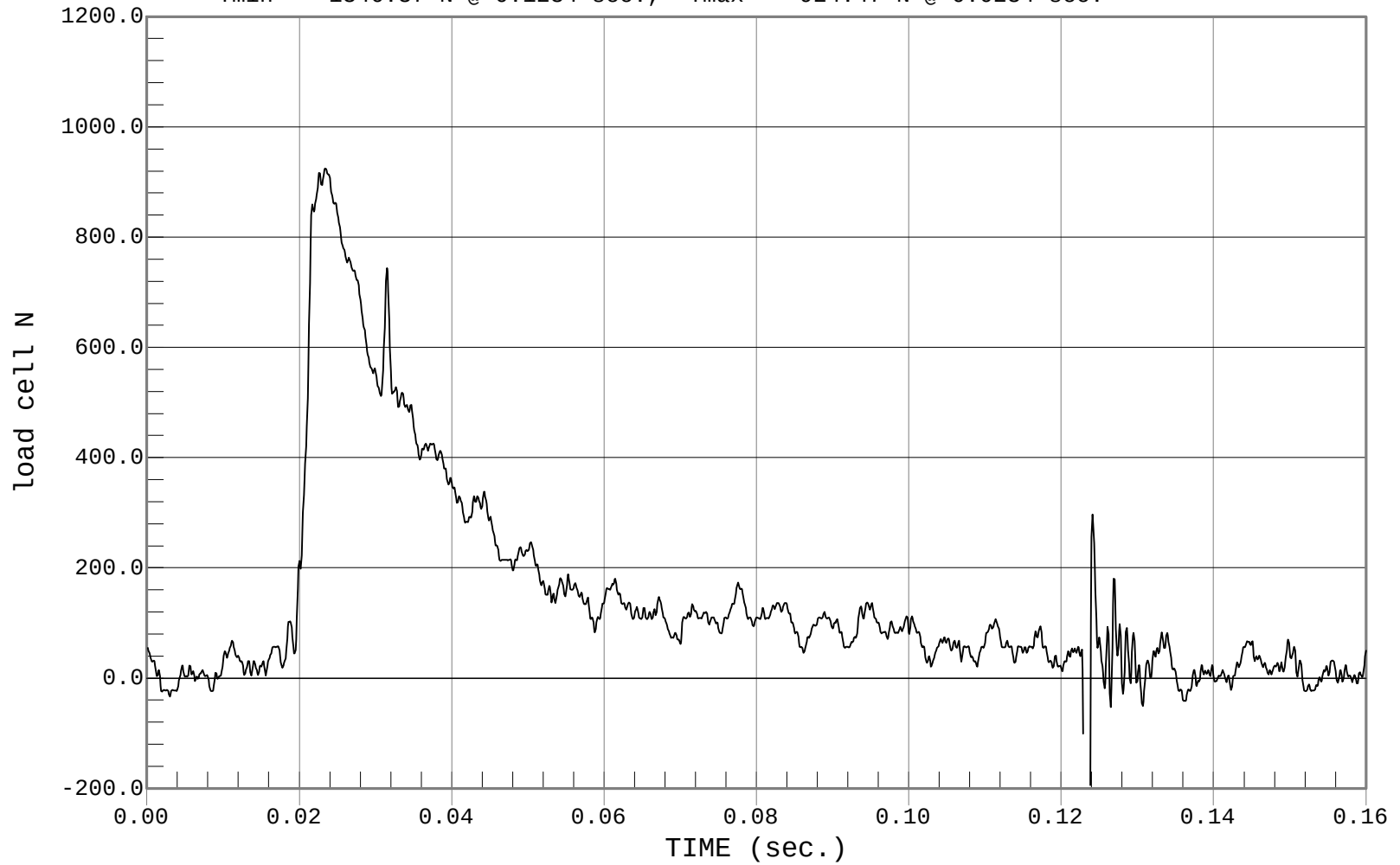
PEAK FORCE

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 271

Test Date: 10-24-00
Speed: 10.00 FT/SEC, 3.05 M/SEC

1 load cell, D00306ff.f04

Ymin = -1346.37 N @ 0.1234 sec., Ymax = 924.47 N @ 0.0234 sec.



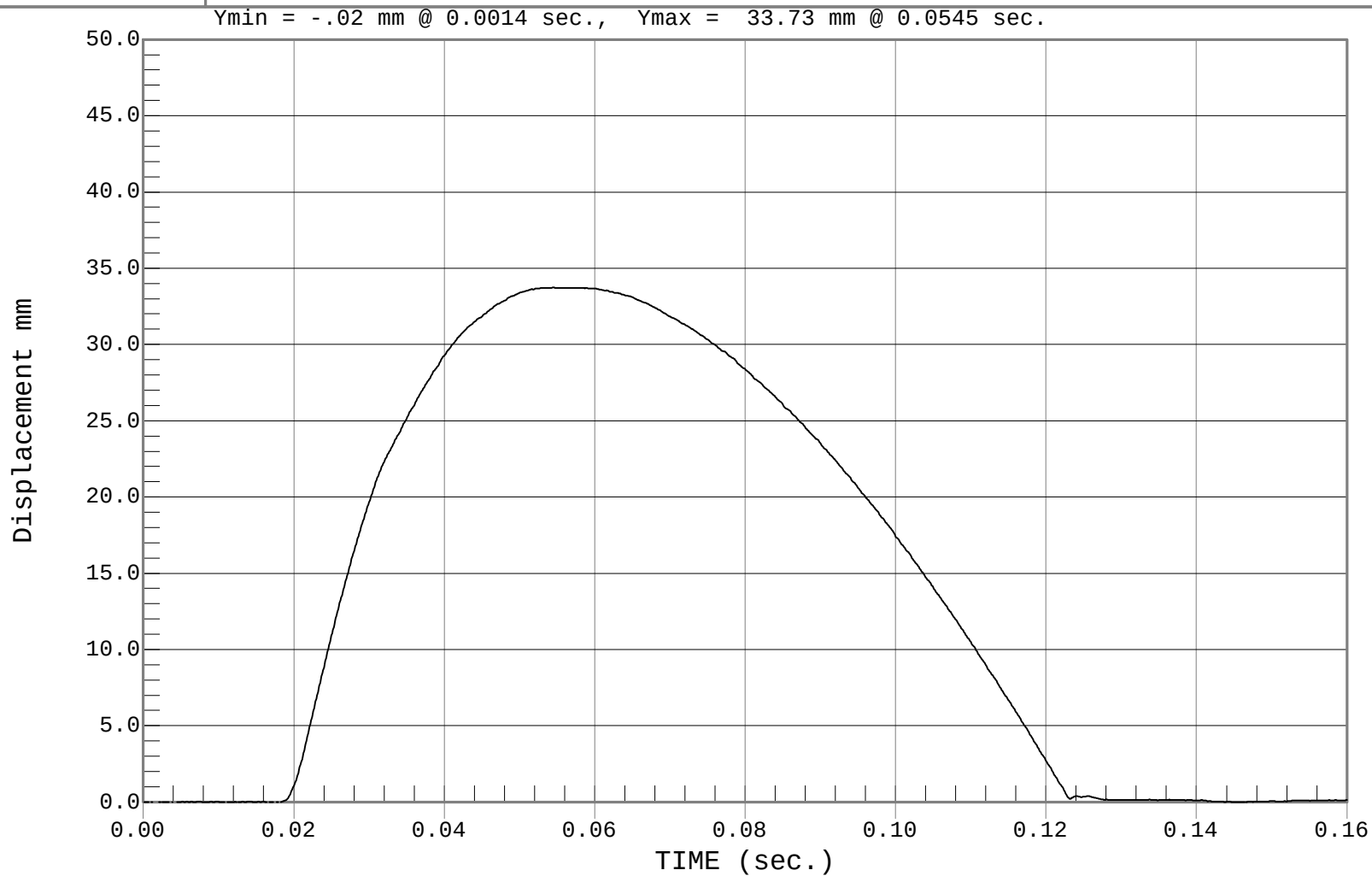


PEAK DISPLACEMENT

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 271

Test Date: 10-24-00
Speed: 10.00 FT/SEC, 3.05 M/SEC

— 1 Displacement, D00306DF.D05





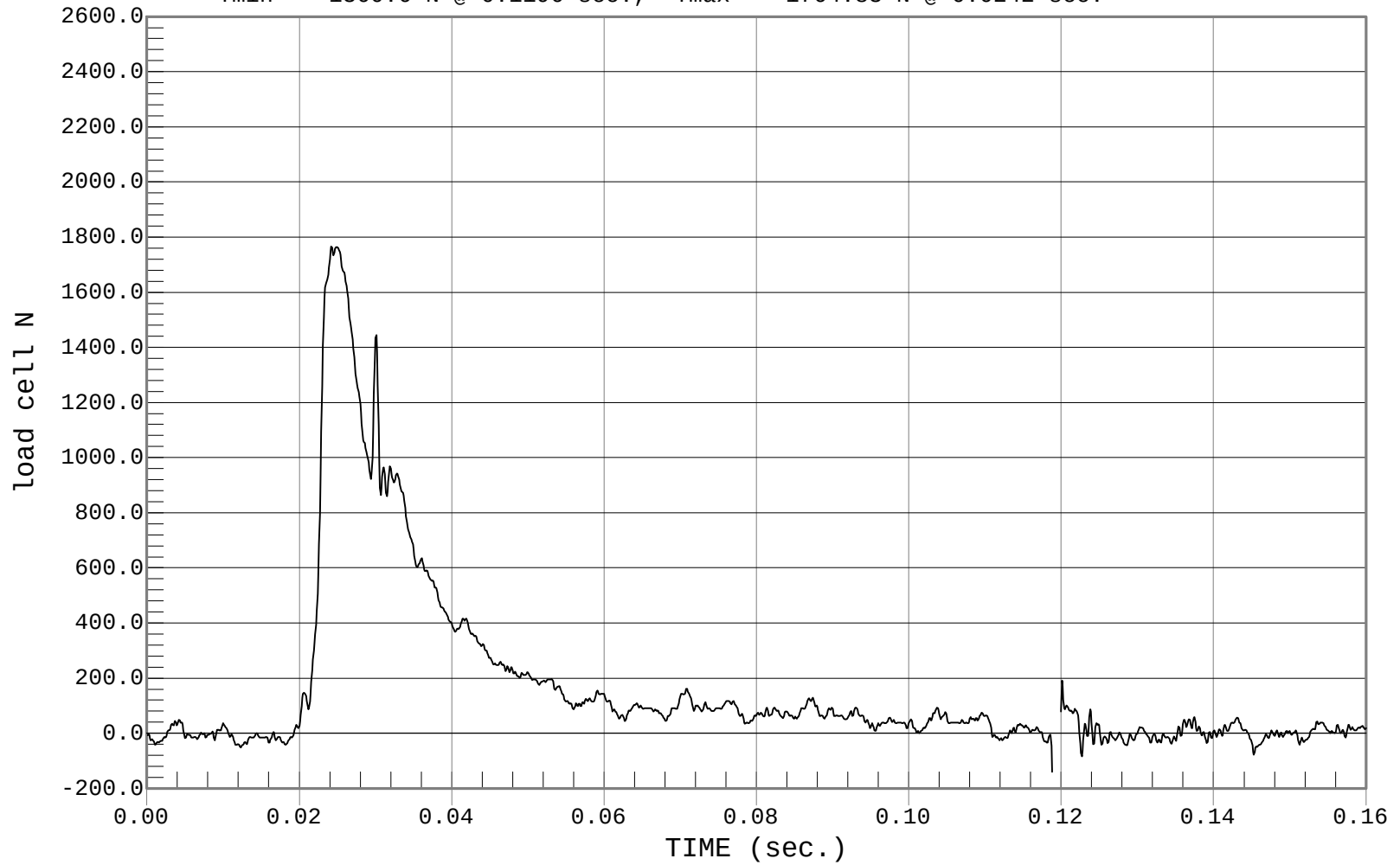
PEAK FORCE

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 271

Test Date: 10-24-00
Speed: 14.00 FT/SEC, 4.27 M/SEC

1 load cell, D00307ff.f04

Ymin = -1360.6 N @ 0.1196 sec., Ymax = 1764.83 N @ 0.0242 sec.





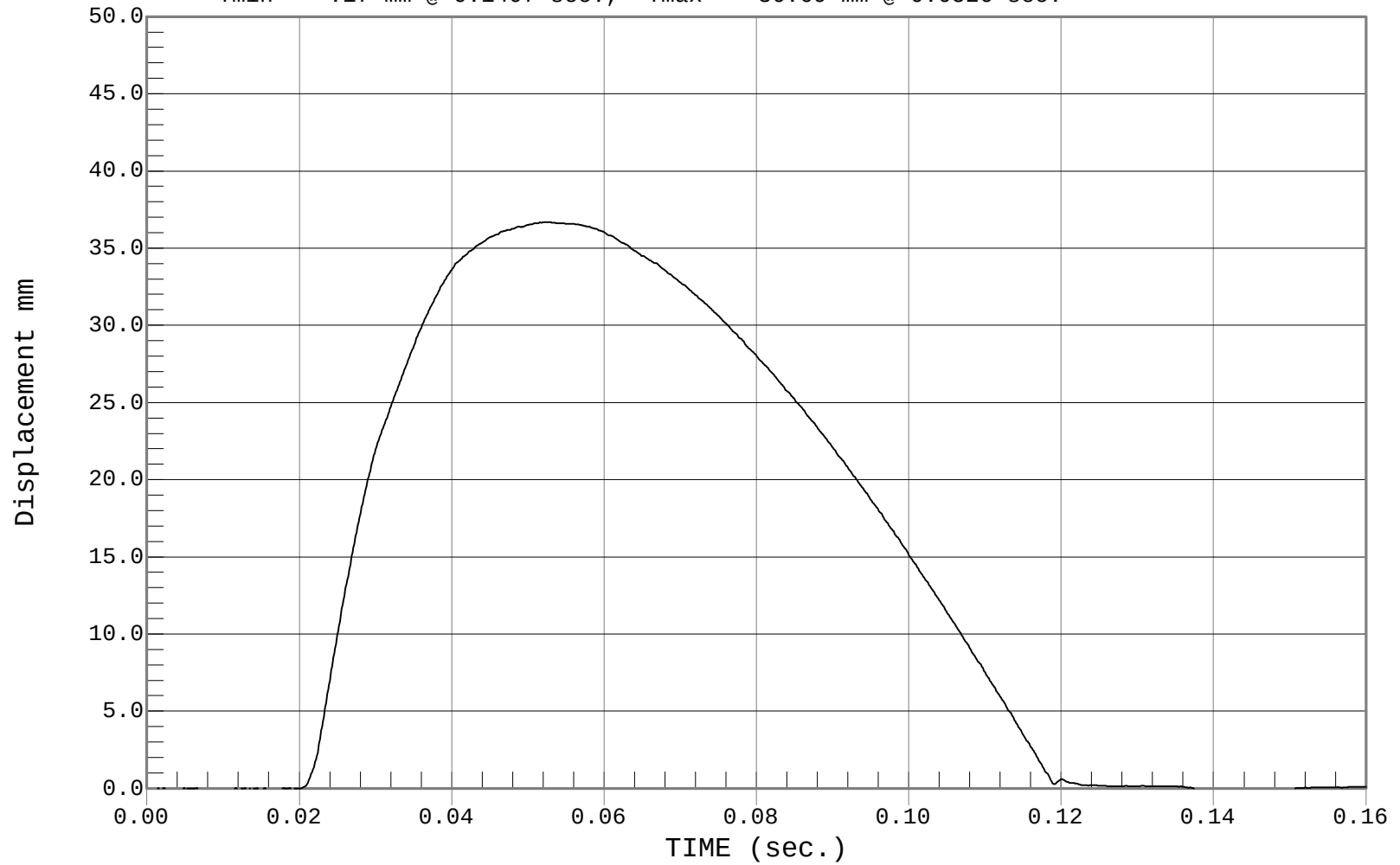
PEAK DISPLACEMENT

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 271

Test Date: 10-24-00
Speed: 14.00 FT/SEC, 4.27 M/SEC

1 Displacement, D00307DF.D05

Ymin = -.17 mm @ 0.1407 sec., Ymax = 36.69 mm @ 0.0526 sec.





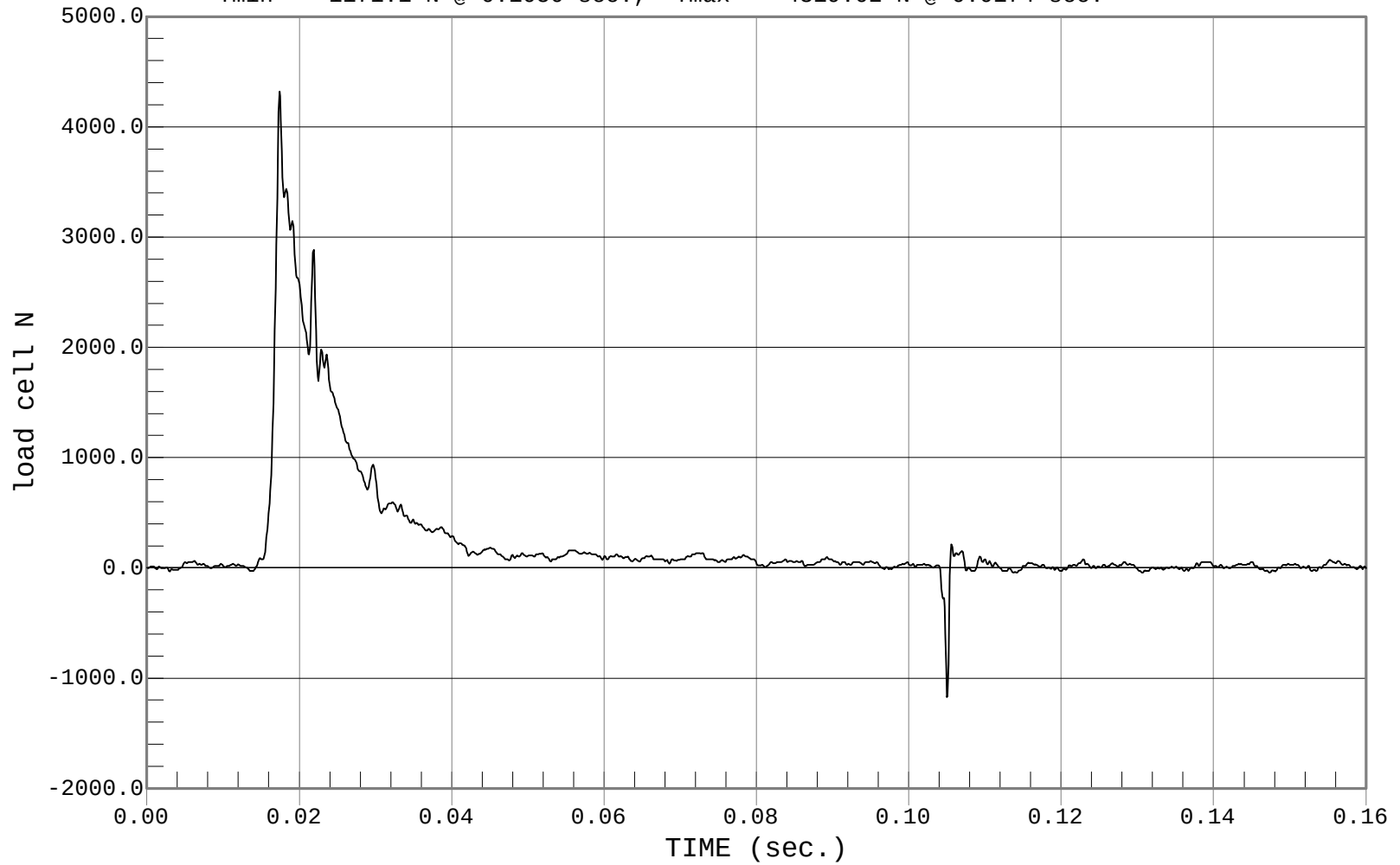
PEAK FORCE

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 271

Test Date: 10-24-00
Speed: 20.00 FT/SEC, 6.10 M/SEC

1 load cell, D00308ff.f04

Ymin = -1171.1 N @ 0.1050 sec., Ymax = 4319.02 N @ 0.0174 sec.





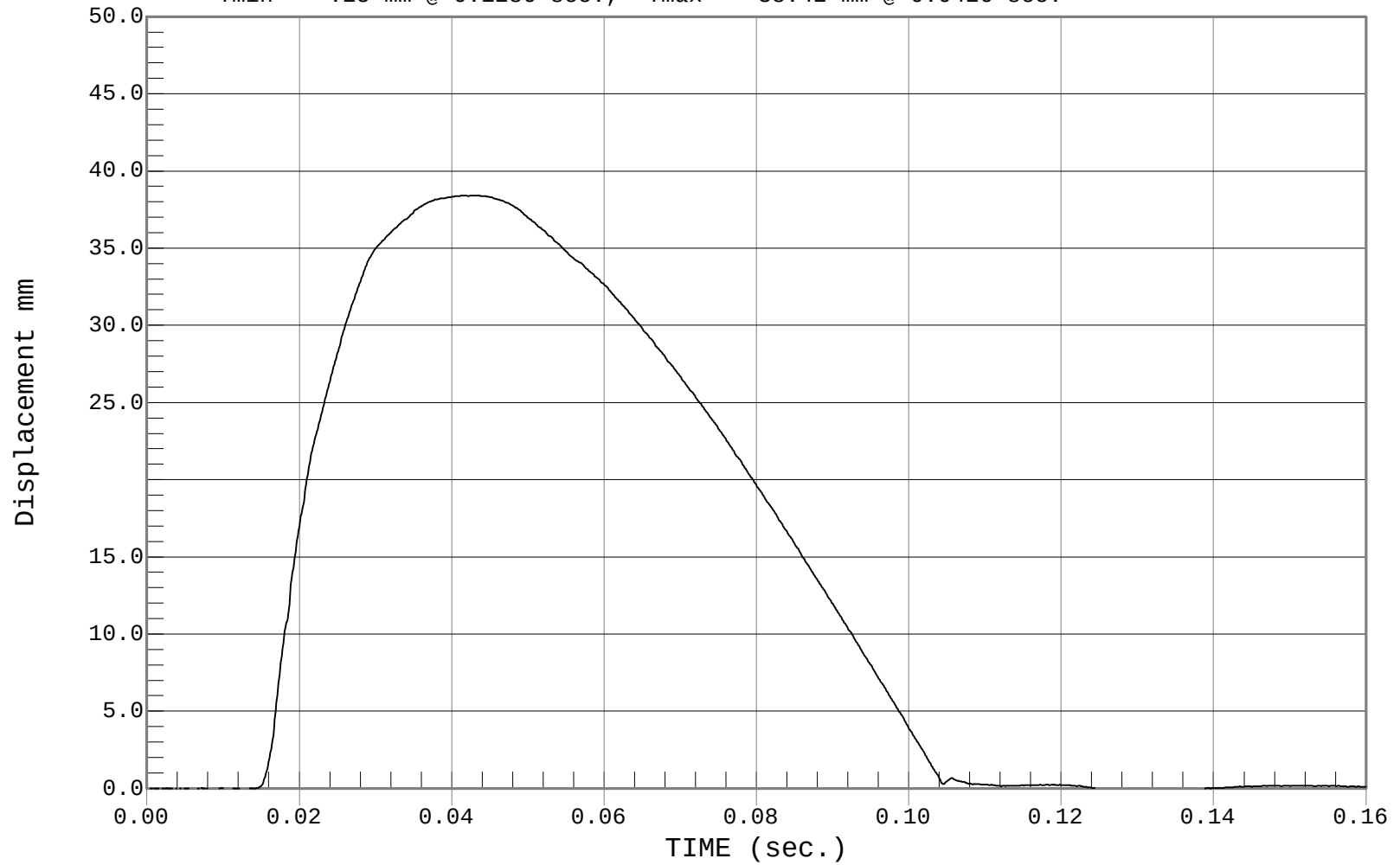
PEAK DISPLACEMENT

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 271

Test Date: 10-24-00
Speed: 20.00 FT/SEC, 6.10 M/SEC

1 Displacement, D00308DF.D05

Ymin = -.25 mm @ 0.1286 sec., Ymax = 38.42 mm @ 0.0426 sec.



MGA RESEARCH CORPORATION
THORAX IMPACT TEST
SIDE IMPACT DUMMY (SID)

Date: 10/25/00

Dummy Serial Number: 271

Test Number: D001302

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	54%
Probe Speed (m/s)	4.27 – 4.33	4.31
Upper Rib (g's)	37 – 46	41
Lower Rib (g's)	37 – 46	41
Lower Spine (g's)	15 - 22	20

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



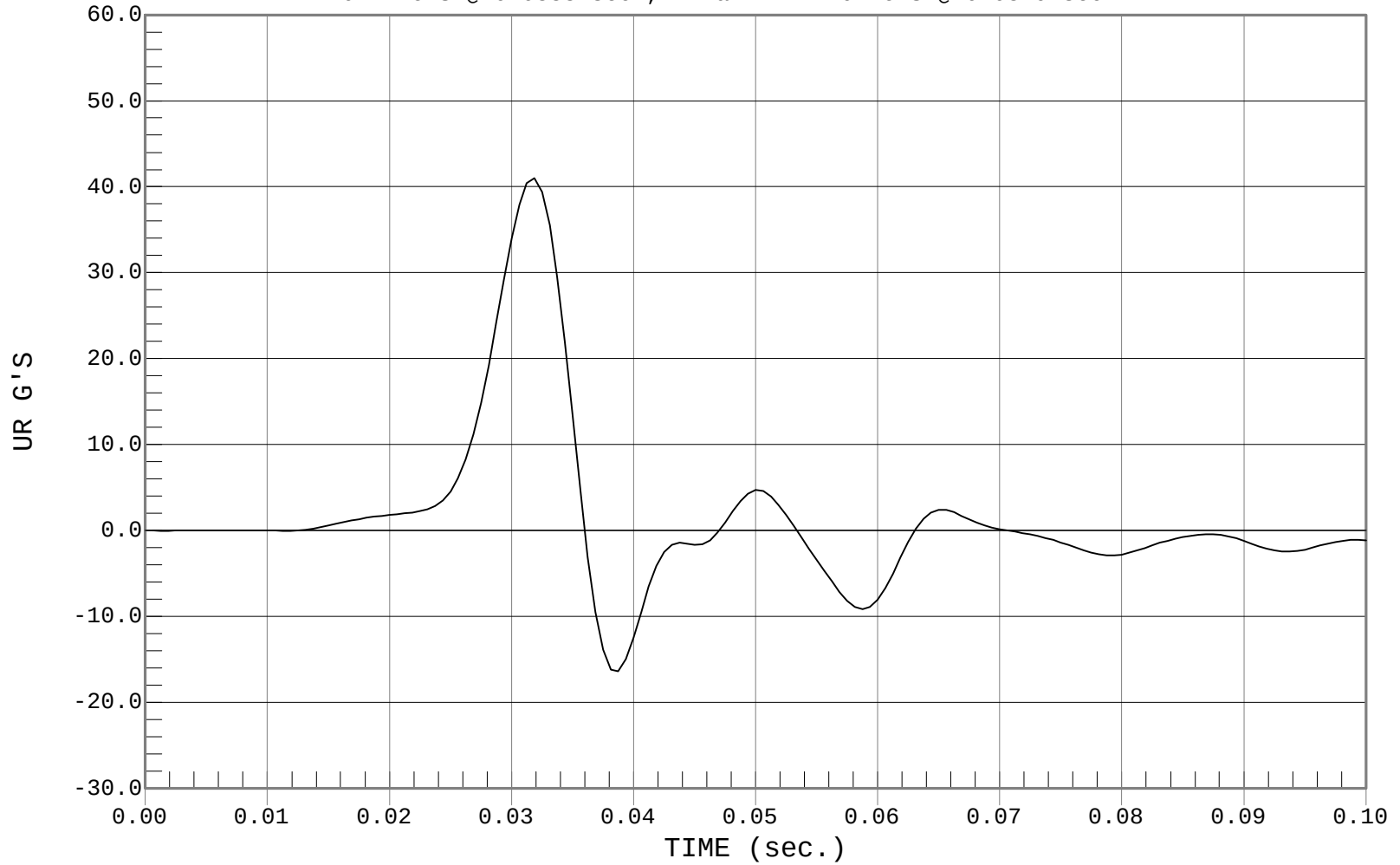
UPPER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #271

Test Date: 10-25-00
Speed: 14.13 FT/SEC, 4.31 M/SEC

1 UR, D00302FI.R08

Ymin = -16.41 G'S @ 0.0388 sec., Ymax = 41.01 G'S @ 0.0319 sec.





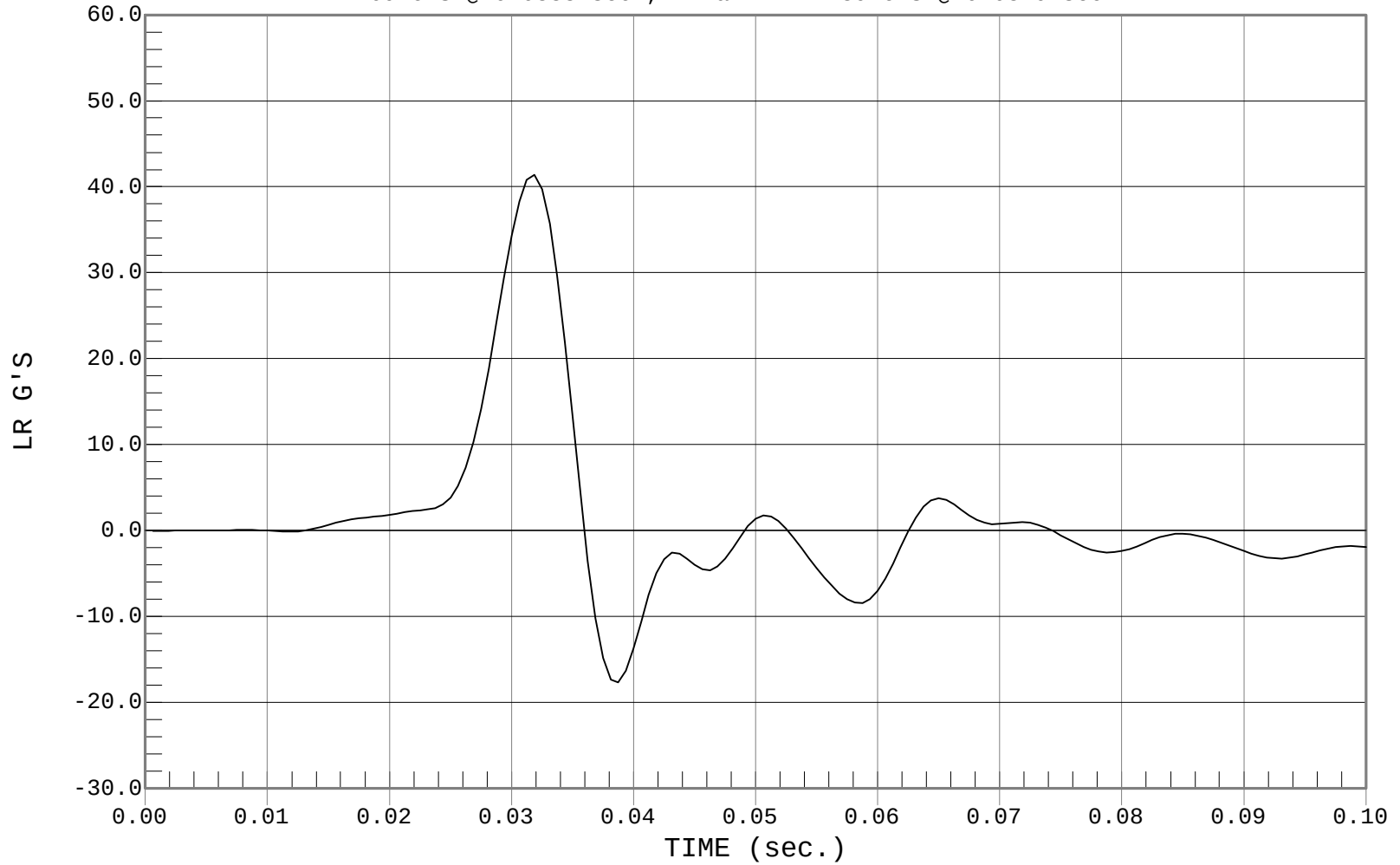
LOWER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #271

Test Date: 10-25-00
Speed: 14.13 FT/SEC, 4.31 M/SEC

1 LR, D00302FI.R09

Ymin = -17.69 G'S @ 0.0388 sec., Ymax = 41.39 G'S @ 0.0319 sec.





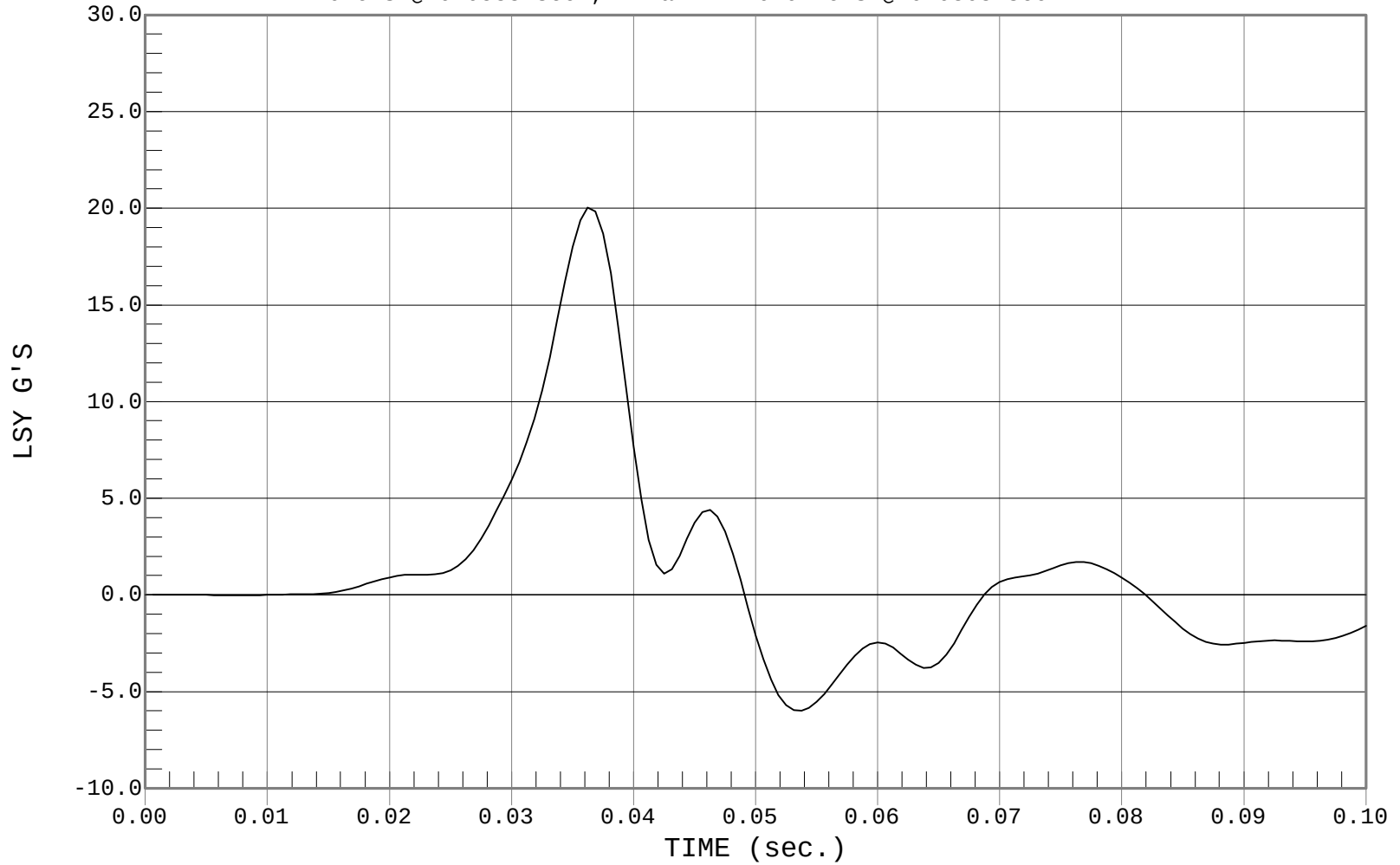
LOWER SPINE ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #271

Test Date: 10-25-00
Speed: 14.13 FT/SEC, 4.31 M/SEC

1 LSY, D00302FI.R10

Ymin = -6 G'S @ 0.0538 sec., Ymax = 20.04 G'S @ 0.0363 sec.



MGA RESEARCH CORPORATION
PELVIS IMPACT TEST
SIDE IMPACT DUMMY (SID)

Date: 10/25/00

Dummy Serial Number: 271

Test Number: D001303

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	54%
Probe Speed (m/s)	4.27 – 4.33	4.30
Pelvis Acceleration (g's)	40 – 60	41

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



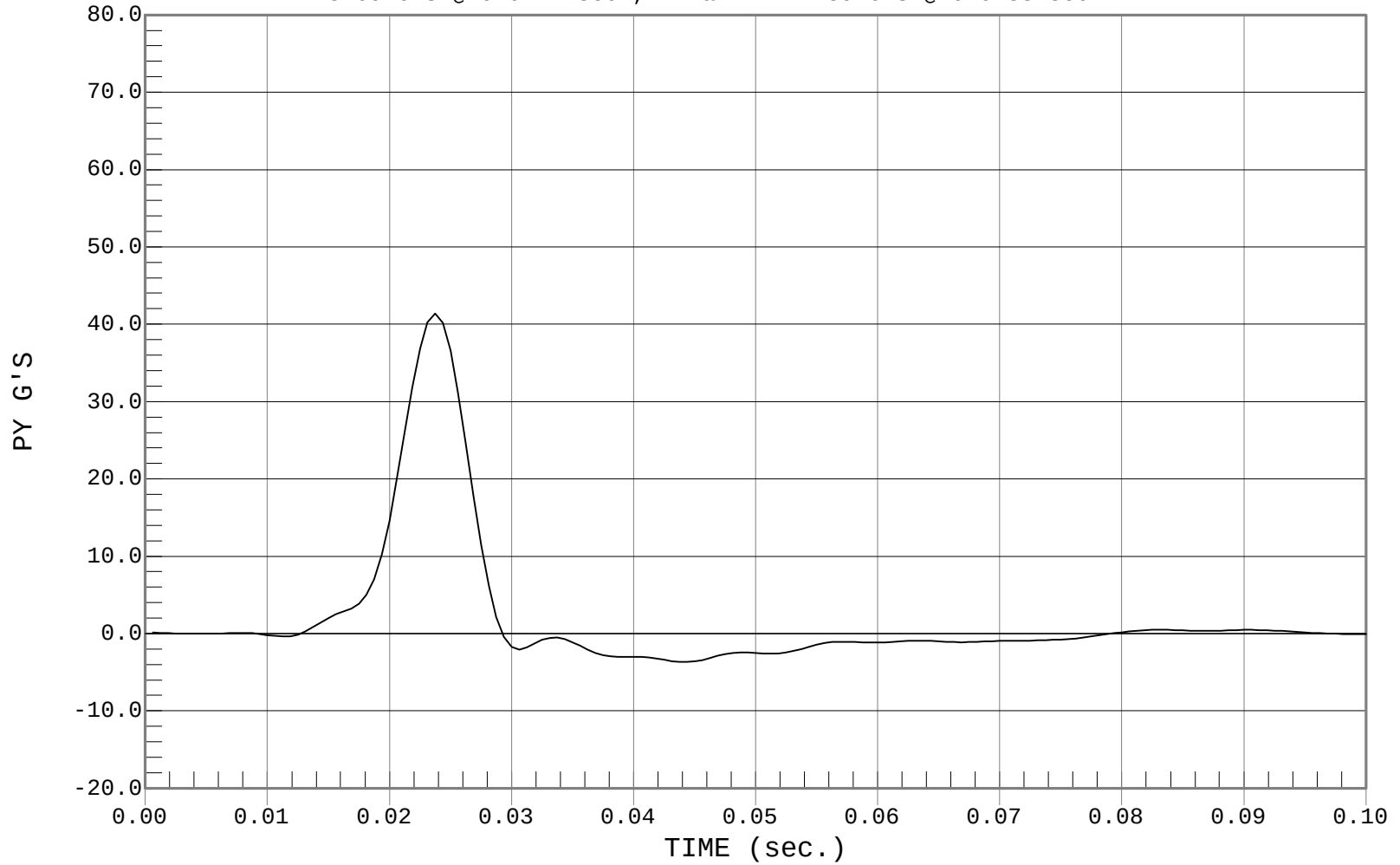
PELVIS ACCELERATION

Test Desc.: Dummy Calibration - Pelvis Impact
Component: Dummy #271

Test Date: 10-25-00
Speed: 14.11 FT/SEC, 4.30 M/SEC

1 PY, D00303FI.R11

Ymin = -3.69 G'S @ 0.0444 sec., Ymax = 41.39 G'S @ 0.0238 sec.



MGA RESEARCH CORPORATION
ABDOMINAL COMPRESSION TEST (PRELOAD = 10 LBS)
SIDE IMPACT DUMMY (SID)

Date: 10/23/00

Dummy Serial Number: 271

Test Number: D001304

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	49%
Force @ 12.7 mm	104 – 162	150
Force @ 19 mm	163 – 222	210
Force @ 25.4 mm	222 – 280	273
Force @ 33 mm	325 - 391	364

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



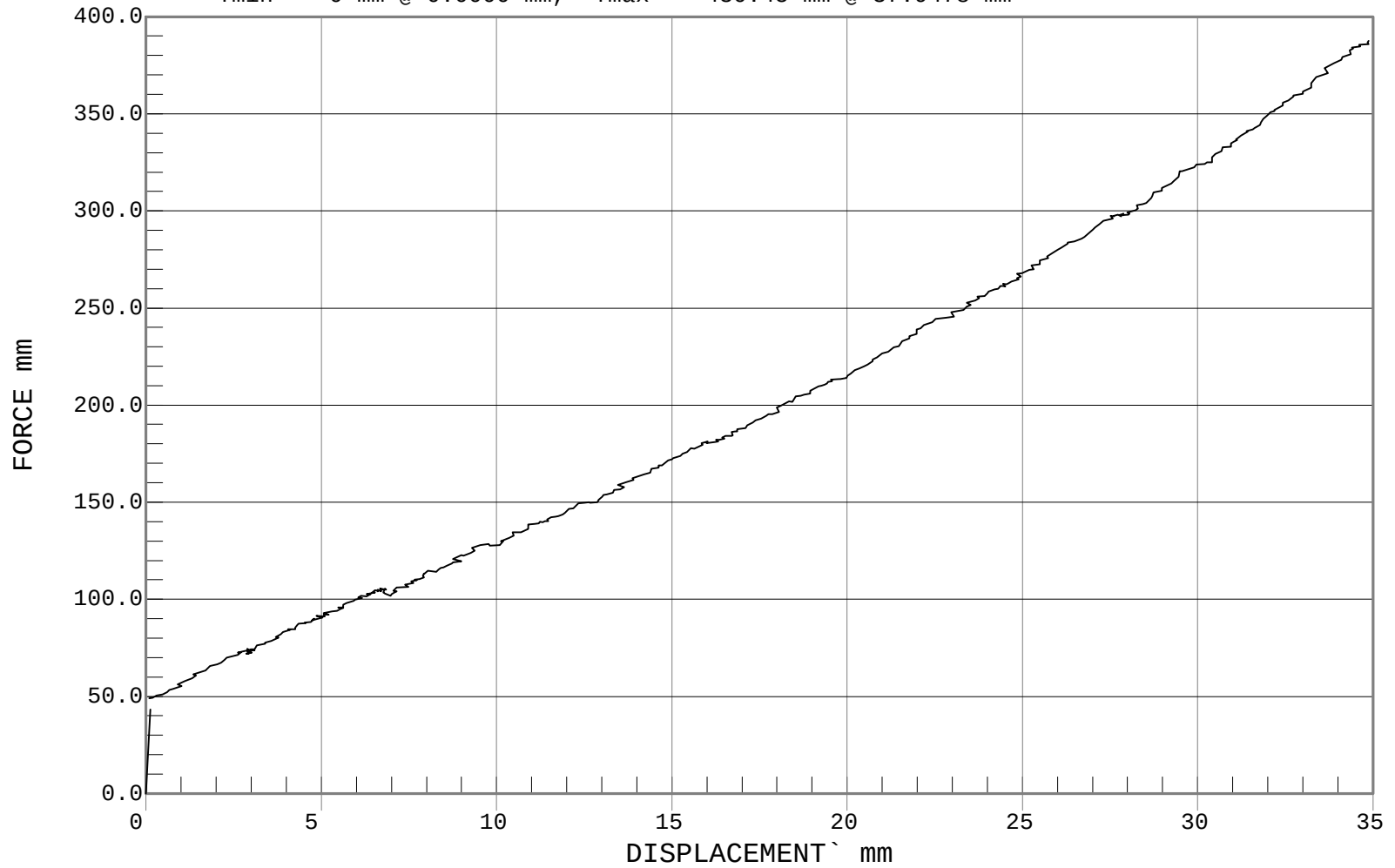
ABDOMEN COMPRESSION

Test Desc.: DUMMY CALIBRATION - ABDOMEN COMPRESSION
Component: DUMMY # 271

Test Date: 10-23-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00304FC.F16

Ymin = 0 mm @ 0.0000 mm, Ymax = 430.45 mm @ 37.9478 mm



MGA RESEARCH CORPORATION

LUMBAR FLEXION TEST

SIDE IMPACT DUMMY (SID)

Date: 10/23/00

Dummy Serial Number: 271

Test Number: D001305

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	49%
Force @ 0°	0 – 26.7	0
Force @ 20°	97.9 – 151.2	121.7
Force @ 30°	151.2 – 204.6	185.9
Force @ 40°	204.6 – 258.0	238.0
Return Angle	12° maximum	5°

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



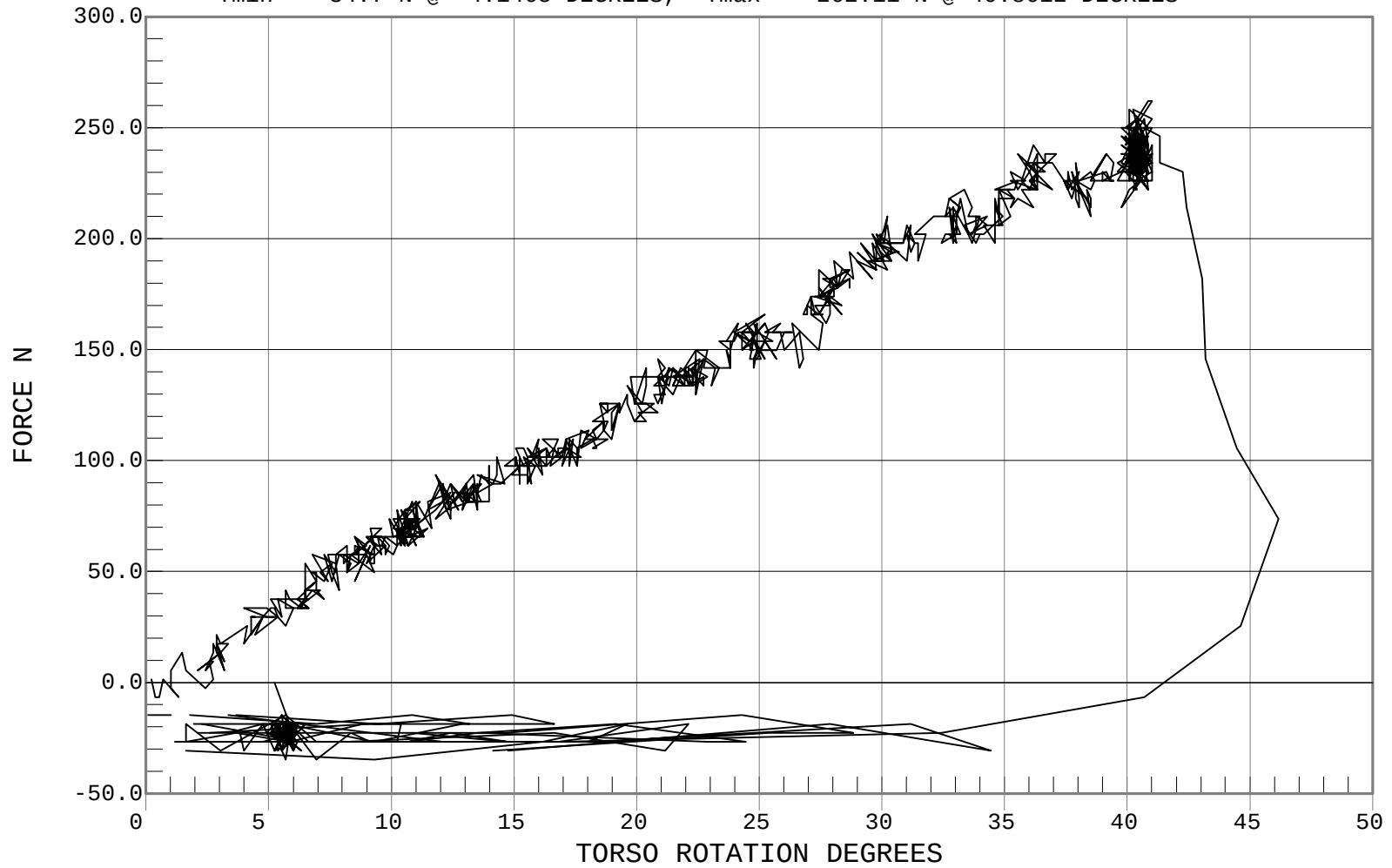
LUMBAR FLEXION

Test Desc.: DUMMY CALIBRATION - LUMBAR FLEXION
Component: DUMMY # 271

Test Date: 10-23-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00305FC.F14

Ymin = -34.7 N @ -4.1465 DEGREES, Ymax = 262.11 N @ 40.8612 DEGREES



DUMMY INSPECTION CHECKLIST

Type: Side Impact Dummy

Dummy Serial Number: 271

Inspected By: Tim Michnay

Date: 10/25/00

<u>Part</u>	<u>Items Checked</u>	<u>Comments</u>
Skin	visual inspection	OK
Head	visual, ballast, accelerometer mount	OK
Neck	visual	OK
Spine box	visual, ballast, weldment, accelerometer mount	OK
Rib cage	visual, measure	OK
Sternum	visual	OK
Lumbar spine	visual	OK
Abdomen	visual	OK
Pelvis	visual, palpate, accelerometer mount	OK
Upper legs	visual	OK
Knees	visual	OK
Lower legs	visual, range of motion	OK
Ankles	visual, range of motion	OK
Feet	visual, range of motion	OK
Joints	1 to 2 g range	OK
Other		

Notes (include component/problem/action/reason):

CERTIFICATION DATA

Dummy Serial Number: 272

Calibration Test Results Summary

Dummy Serial Number: 272

Pre-Test Calibration

External Dimensions:	The dummy passed all external dimension requirements.
Head Drop Test:	The head passed all drop test requirements.
Thorax Impact Test:	The thorax passed all impact test requirements.
Pelvic Impact Test:	The pelvis passed all impact test requirements.
Abdominal Compression Test:	The abdomen passed all compression test requirements.
Lumbar Flexion Test:	The lumbar passed all flexion test requirements.

SIDE IMPACT DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

Dummy Serial Number: 272
Date of Verification: 10/26/00
Test Number: D00131

DESCRIPTION	SPECIFICATION	TEST RESULTS
SH-Seated Height (mm)	889 – 909	898
RH-Rib Height (mm)	501 – 521	515
HP-Hip Pivot Height (mm)	99 ref.	99
RD-Rib From Back Line (mm)	229 - 241	234
KV-Knee Pivot From Back Line (mm)	511 – 526	523
SW-Knee Pivot to Floor (mm)	490 – 505	493
HW – Hip Width (mm)	356 – 391	375

Technician: _____

Approved By: _____

MGA RESEARCH CORPORATION

HEAD DROP TEST

SIDE IMPACT DUMMY (SID)

Date: 10/24/00

Dummy Serial Number: 272

Test Number: D001311

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 - 25.5	21.0°
Relative Humidity (%)	10 - 70	48%
Peak Resultant Acceleration	210 - 260 g's	244
Peak Lateral Acceleration	< 10 g's	2
Time Above 100 g.	0.9 - 1.5 msec.	1.2

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



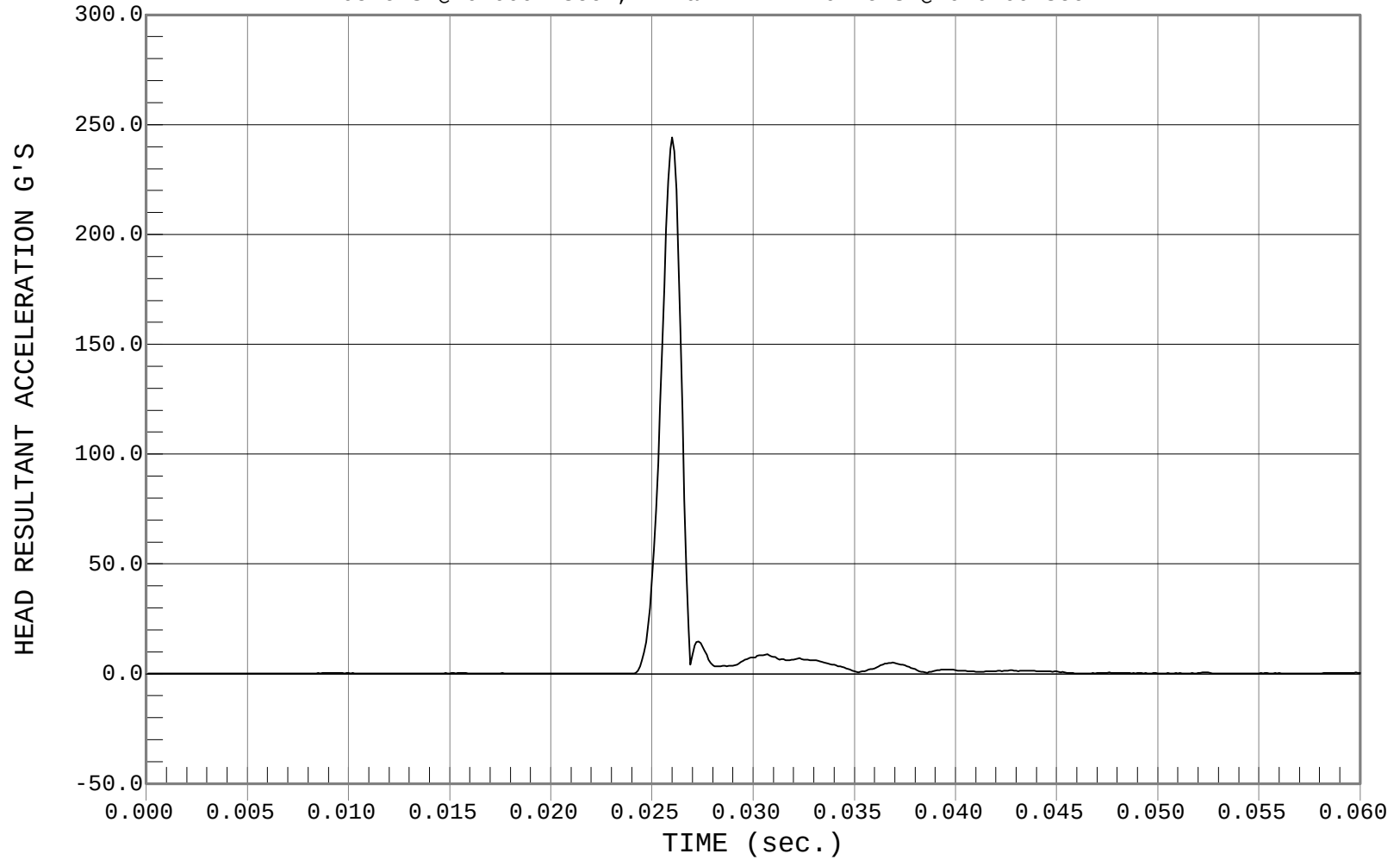
PEAK RESULTANT ACCELERATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy # 272

Test Date: 10-24-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 HEAD RESULTANT ACCELERATION, D00311av.a01

Ymin = .05 G'S @ 0.0004 sec., Ymax = 244.07 G'S @ 0.0260 sec.





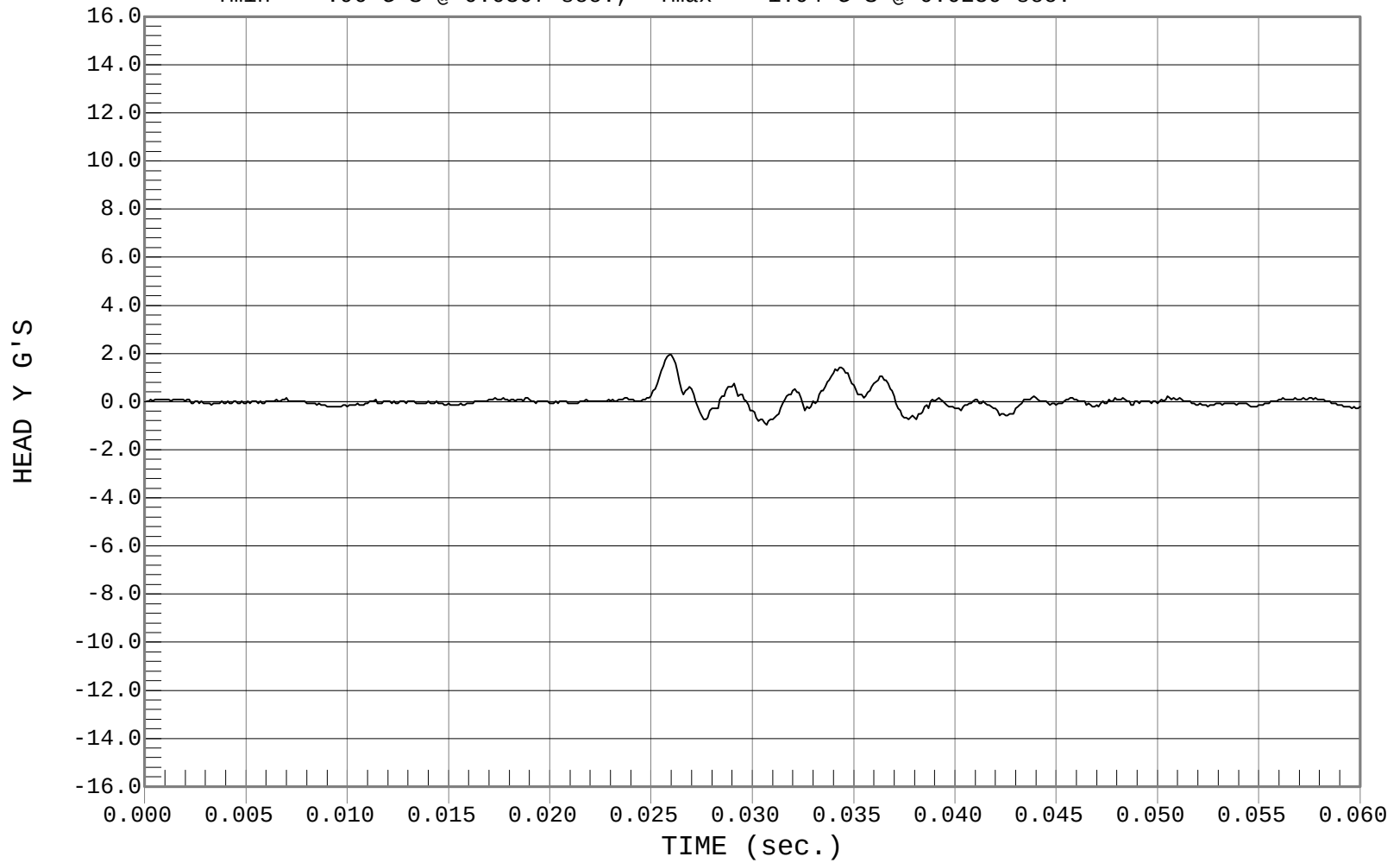
PEAK LATERAL ACCELARATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy # 272

Test Date: 10-24-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 HEAD Y, D00311AR.A02

Ymin = -.96 G'S @ 0.0307 sec., Ymax = 1.94 G'S @ 0.0259 sec.



MGA RESEARCH CORPORATION
THORACIC SHOCK ABSORBER TEST
SIDE IMPACT DUMMY (SID)

Date: 10/24/00
Dummy Serial Number: 272
Test Number: D001316/7/8

TEST PARAMETER		SPECIFICATION	TEST RESULTS
Temperature (°C)		18.9 – 25.5	21.0
Relative Humidity (%)		10 – 70	47%
Velocity 3.05 m/s	Force (N)	836 – 1125	871
	Displacement (mm)	30 – 35	35
Velocity 4.27 m/s	Force (N)	1730 – 2099	1752
	Displacement (mm)	32 – 37	37
Velocity 6.1 m/s	Force (N)	3741 – 4448	4434
	Displacement (mm)	33 – 40	39

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



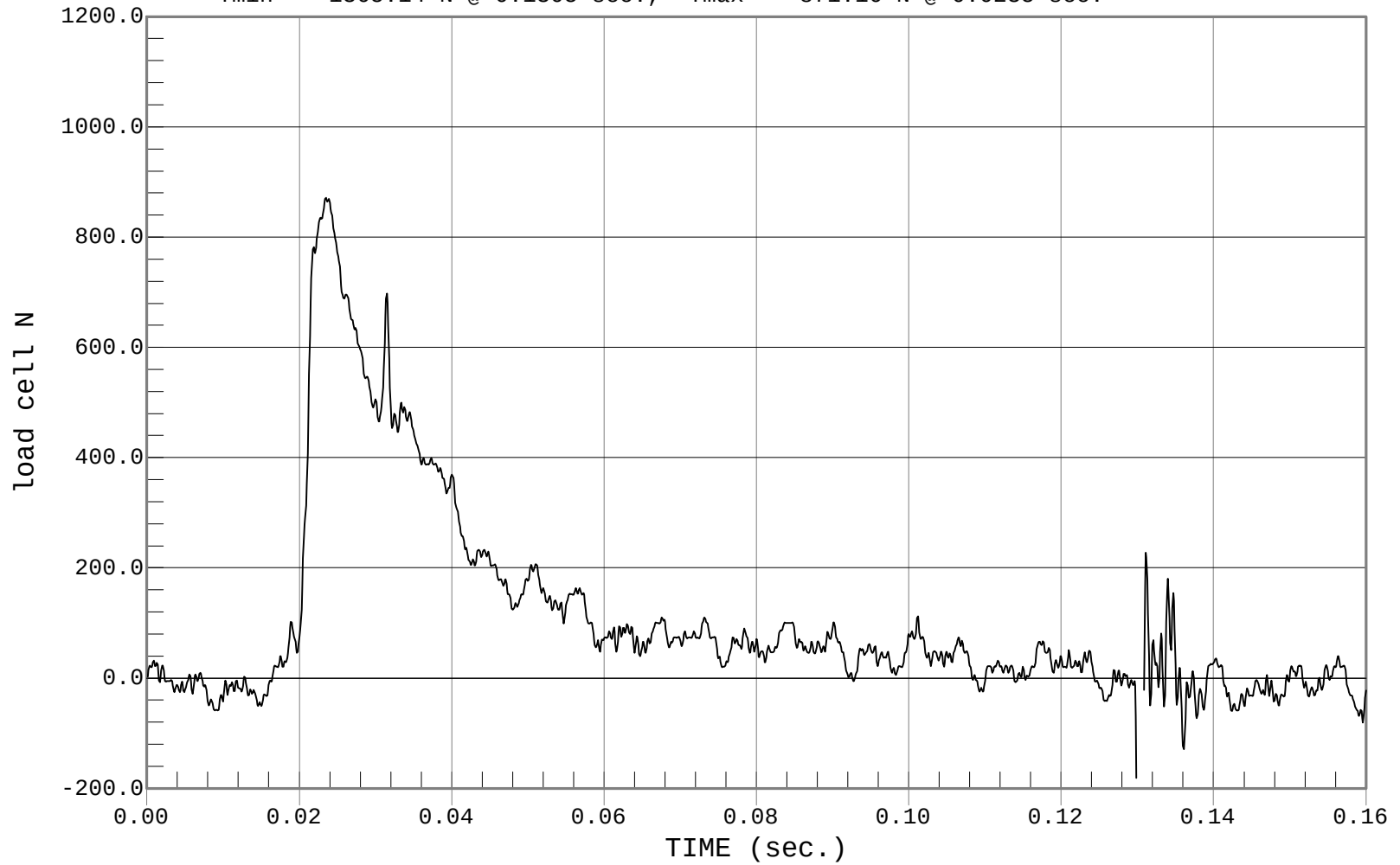
PEAK FORCE

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 272

Test Date: 10-24-00
Speed: 10.00 FT/SEC, 3.05 M/SEC

1 load cell, D00316ff.f04

Ymin = -1365.14 N @ 0.1305 sec., Ymax = 871.16 N @ 0.0235 sec.





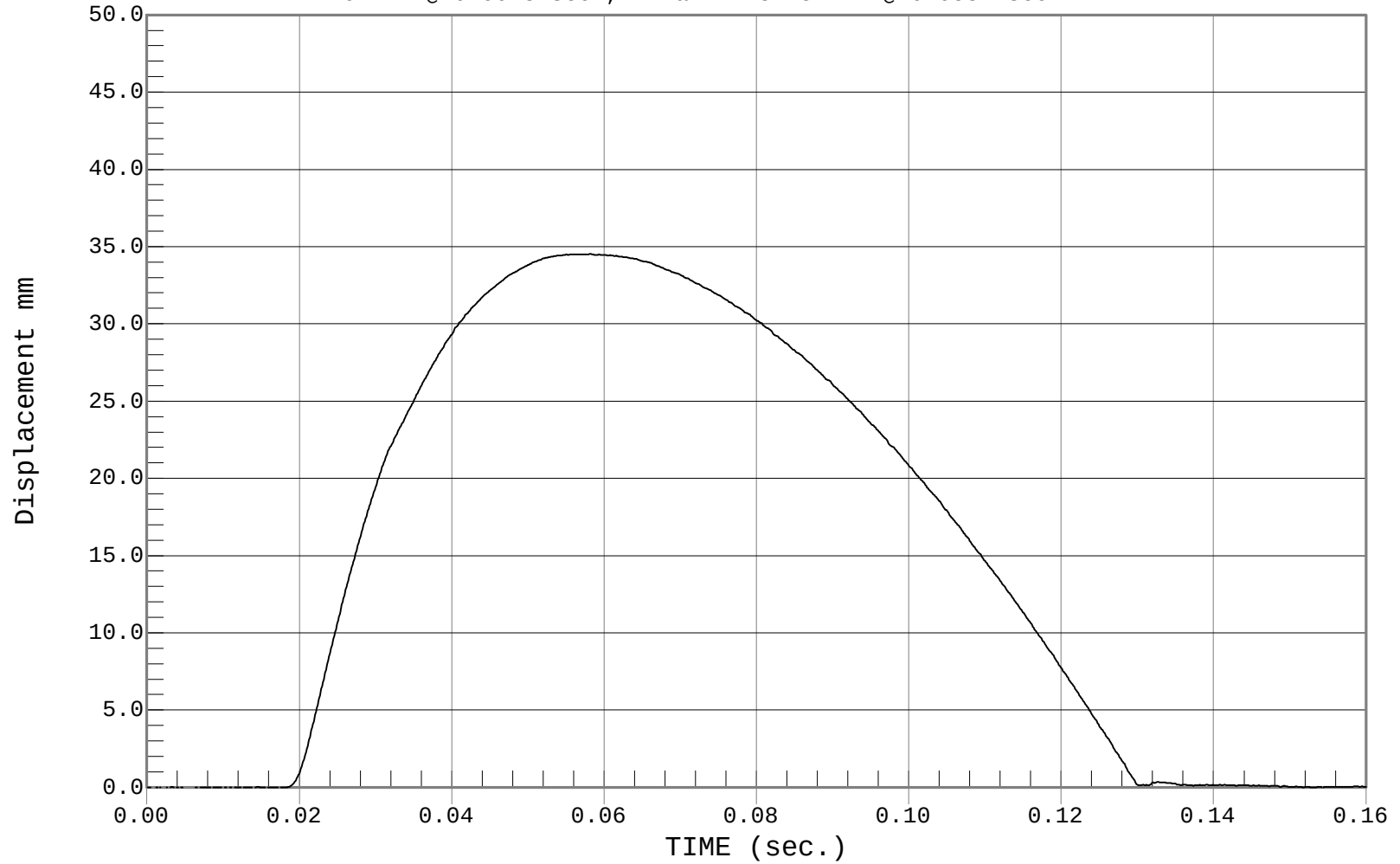
PEAK DISPLACEMENT

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 272

Test Date: 10-24-00
Speed: 10.00 FT/SEC, 3.05 M/SEC

1 Displacement, D00316DF.D05

Ymin = -.02 mm @ 0.0023 sec., Ymax = 34.52 mm @ 0.0582 sec.





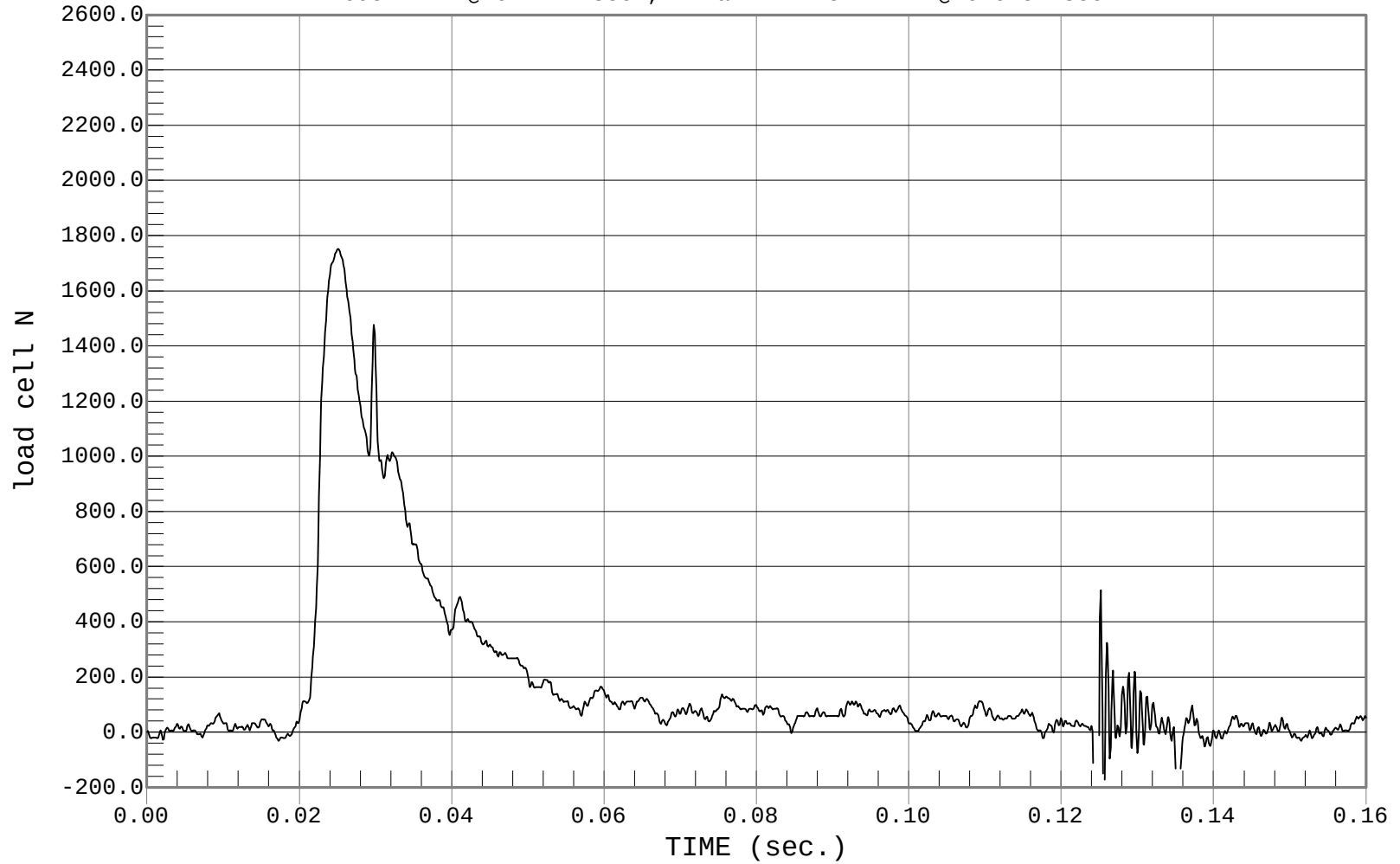
PEAK FORCE

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 272

Test Date: 10-24-00
Speed: 14.00 FT/SEC, 4.27 M/SEC

1 load cell, D00317ff.f04

Ymin = -1695.14 N @ 0.1247 sec., Ymax = 1752.11 N @ 0.0251 sec.



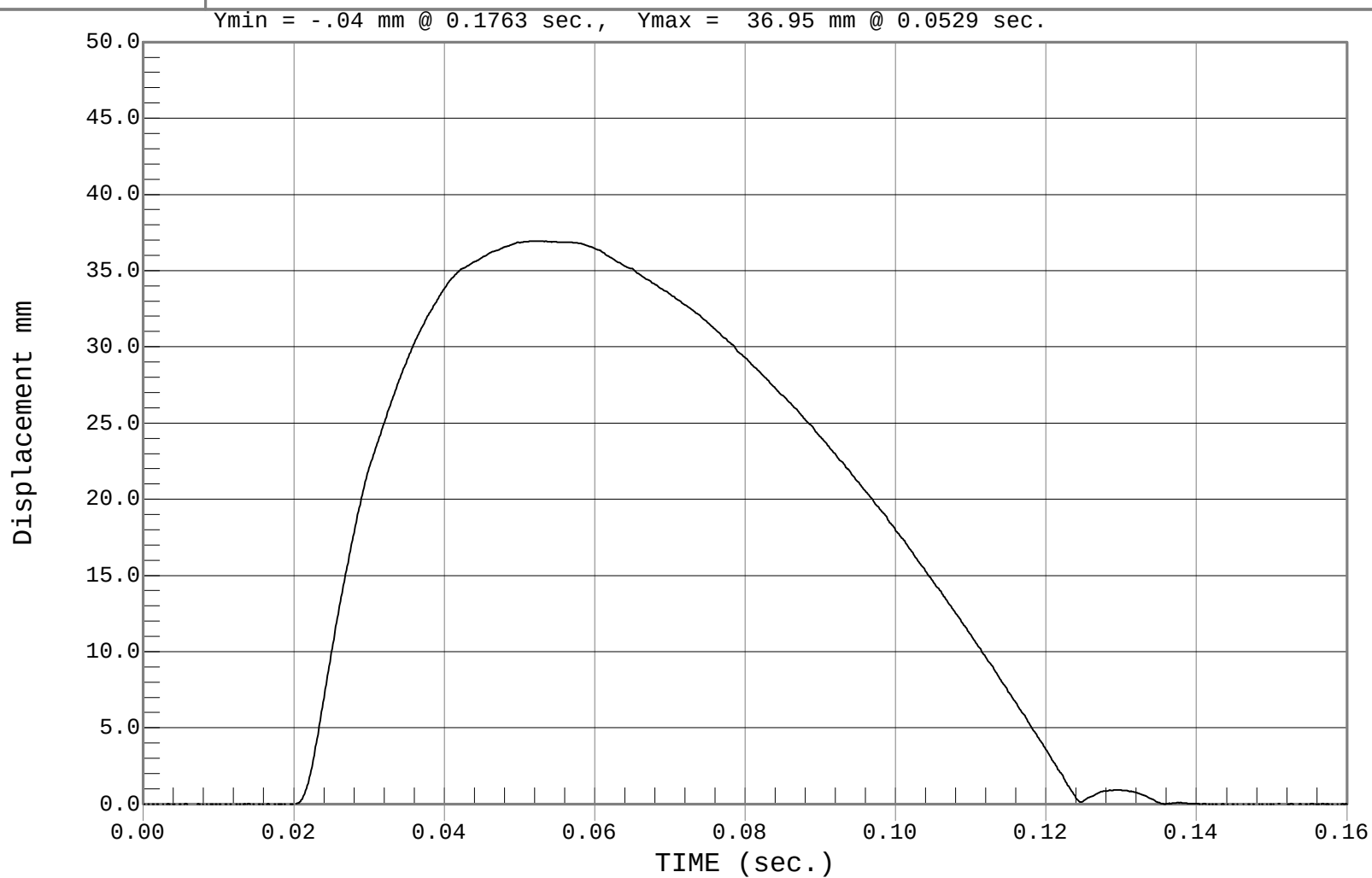


PEAK DISPLACEMENT

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 272

Test Date: 10-24-00
Speed: 14.00 FT/SEC, 4.27 M/SEC

— 1 Displacement, D00317DF.D05





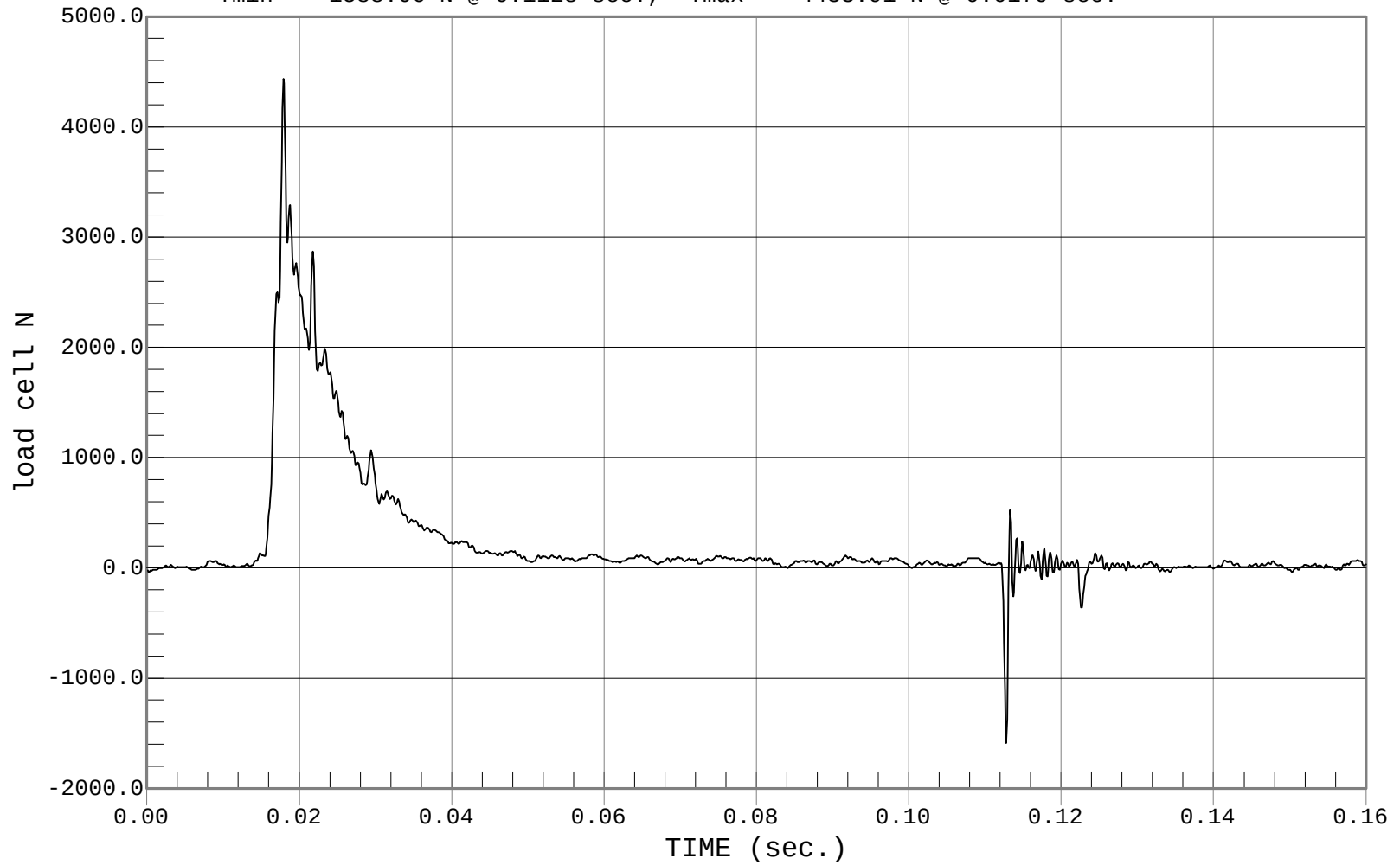
PEAK FORCE

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 272

Test Date: 10-24-00
Speed: 20.00 FT/SEC, 6.10 M/SEC

1 load cell, D00318ff.f04

Ymin = -1588.06 N @ 0.1128 sec., Ymax = 4433.91 N @ 0.0179 sec.



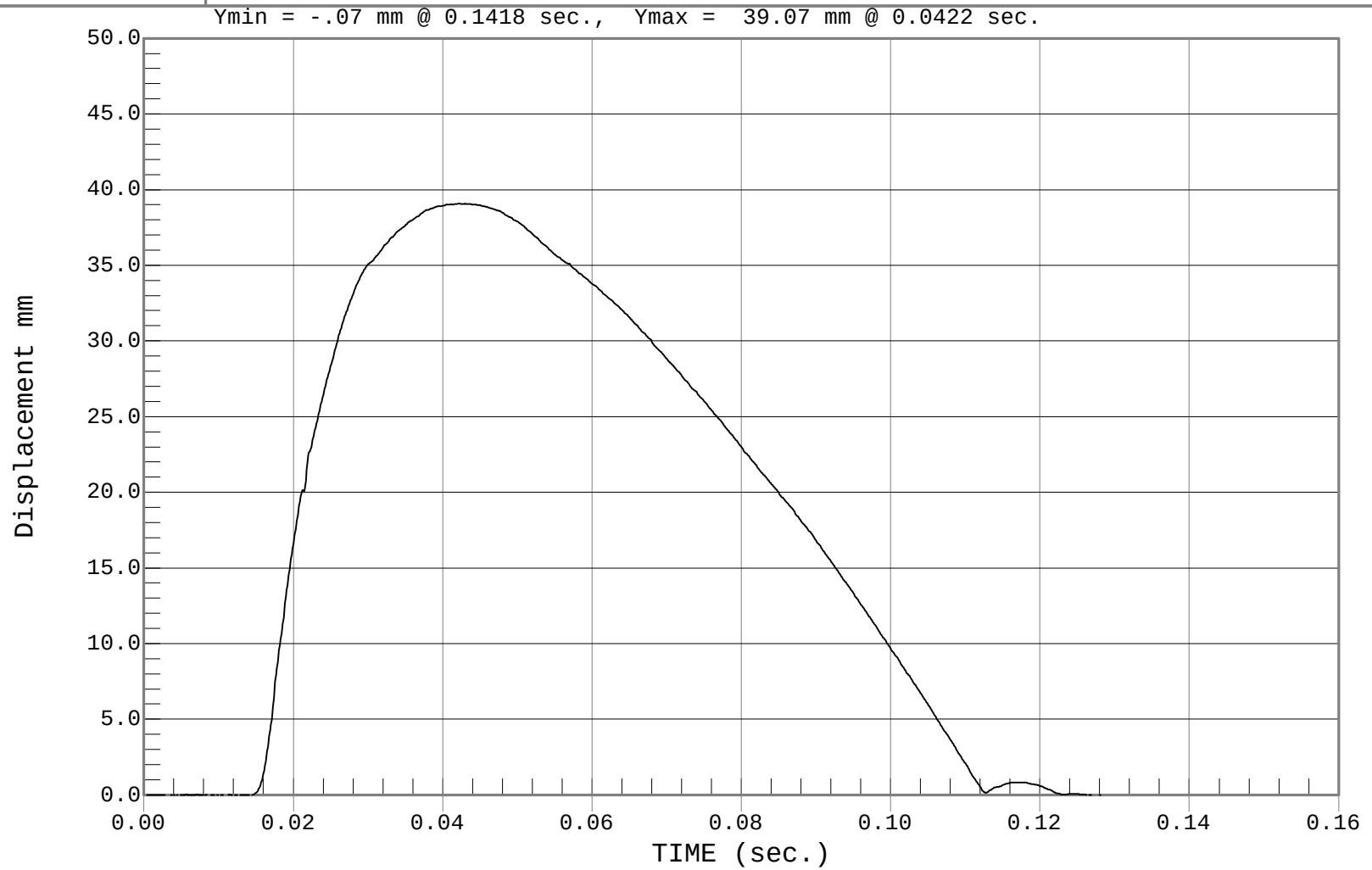


PEAK DISPLACEMENT

Test Desc.: Dummy Calibration - Dampener Impact
Component: Dummy # 272

Test Date: 10-24-00
Speed: 20.00 FT/SEC, 6.10 M/SEC

— 1 Displacement, D00318DF.D05



MGA RESEARCH CORPORATION
THORAX IMPACT TEST
SIDE IMPACT DUMMY (SID)

Date: 10/26/00

Dummy Serial Number: 272

Test Number: D001312

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	50%
Probe Speed (m/s)	4.27 – 4.33	4.3
Upper Rib (g's)	37 – 46	40
Lower Rib (g's)	37 – 46	40
Lower Spine (g's)	15 - 22	20

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



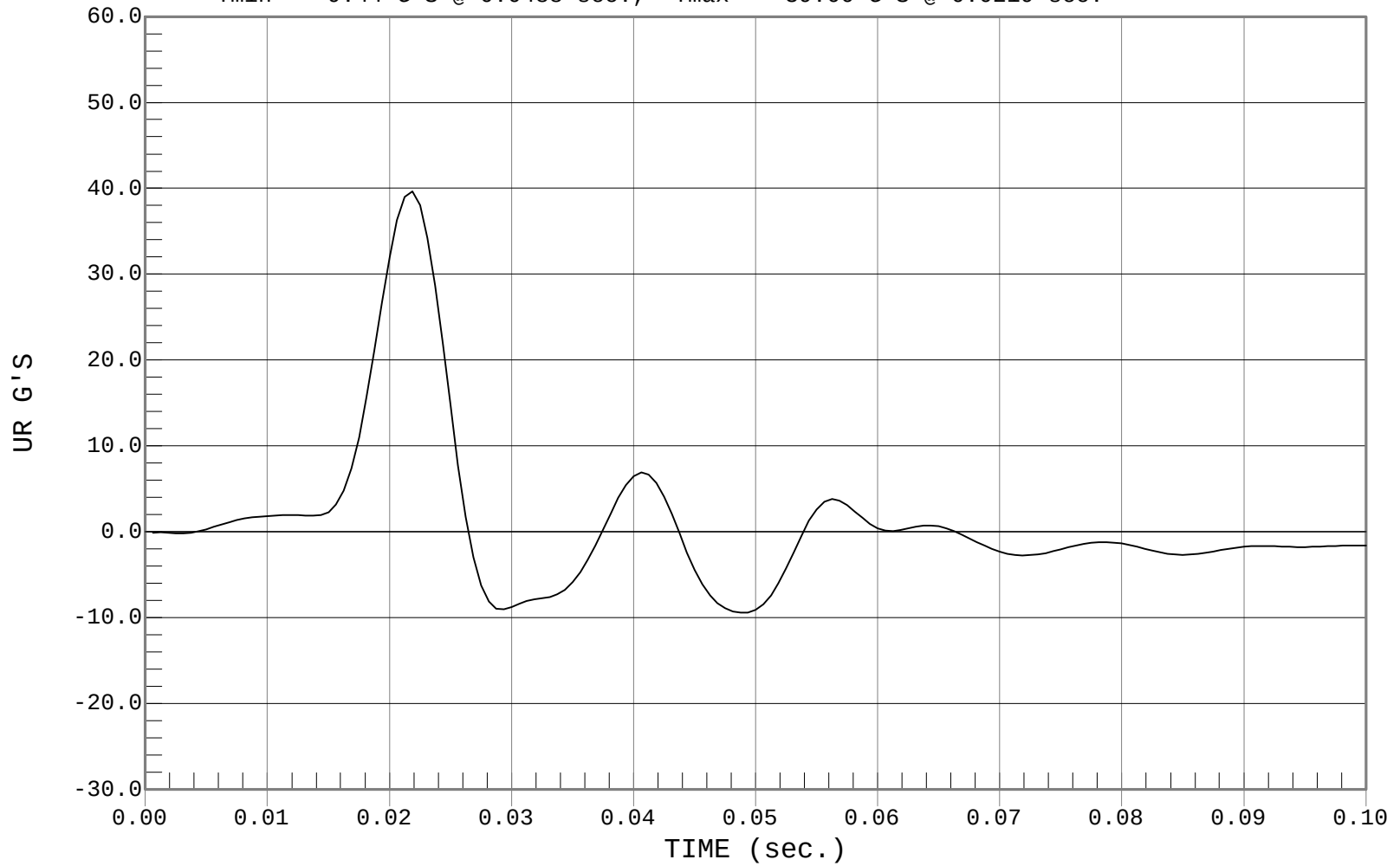
UPPER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #272

Test Date: 10-26-00
Speed: 14.11 FT/SEC, 4.30 M/SEC

1 UR, D00312FI.R08

Ymin = -9.44 G'S @ 0.0488 sec., Ymax = 39.66 G'S @ 0.0219 sec.





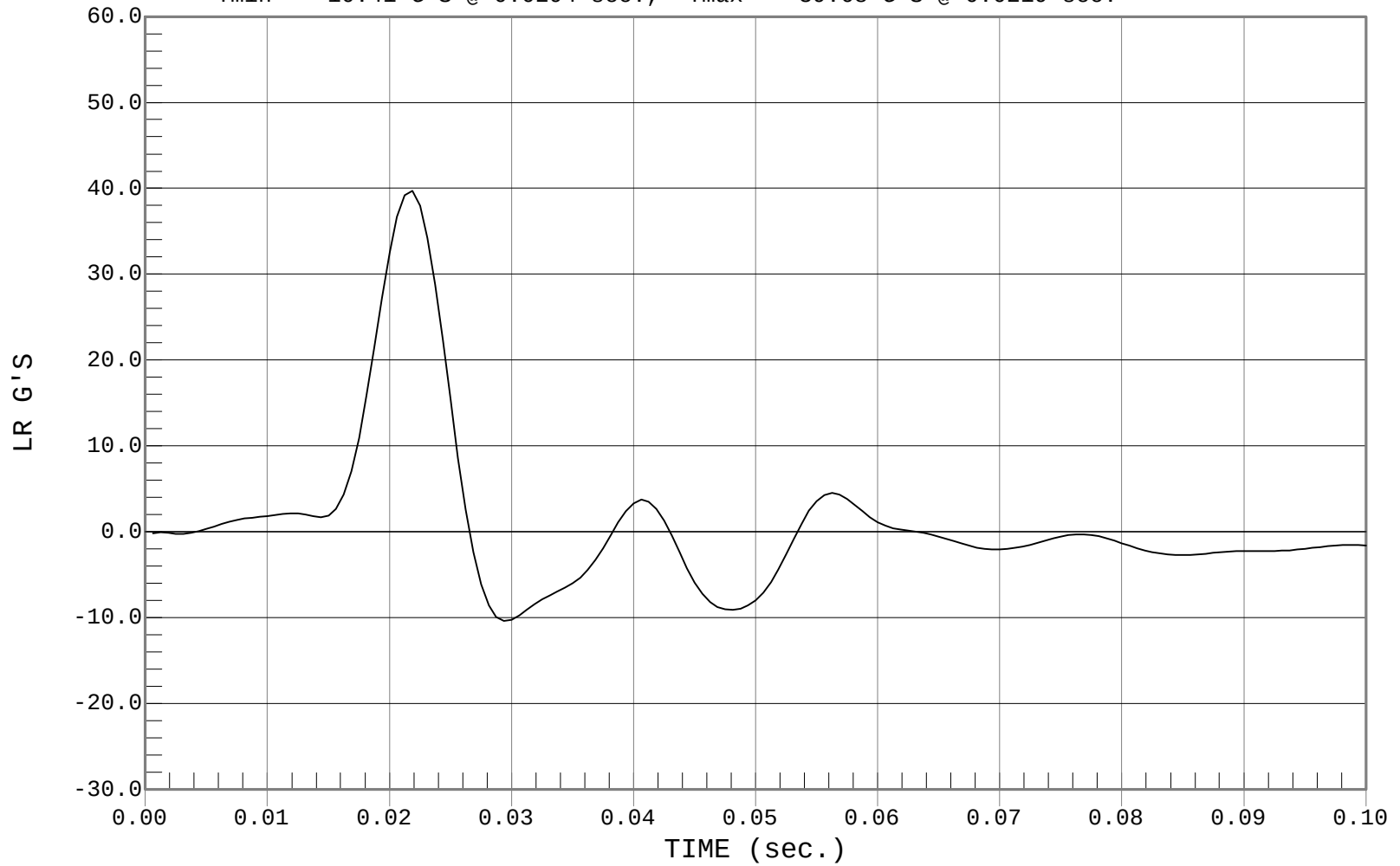
LOWER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #272

Test Date: 10-26-00
Speed: 14.11 FT/SEC, 4.30 M/SEC

1 LR, D00312FI.R09

Ymin = -10.41 G'S @ 0.0294 sec., Ymax = 39.68 G'S @ 0.0219 sec.





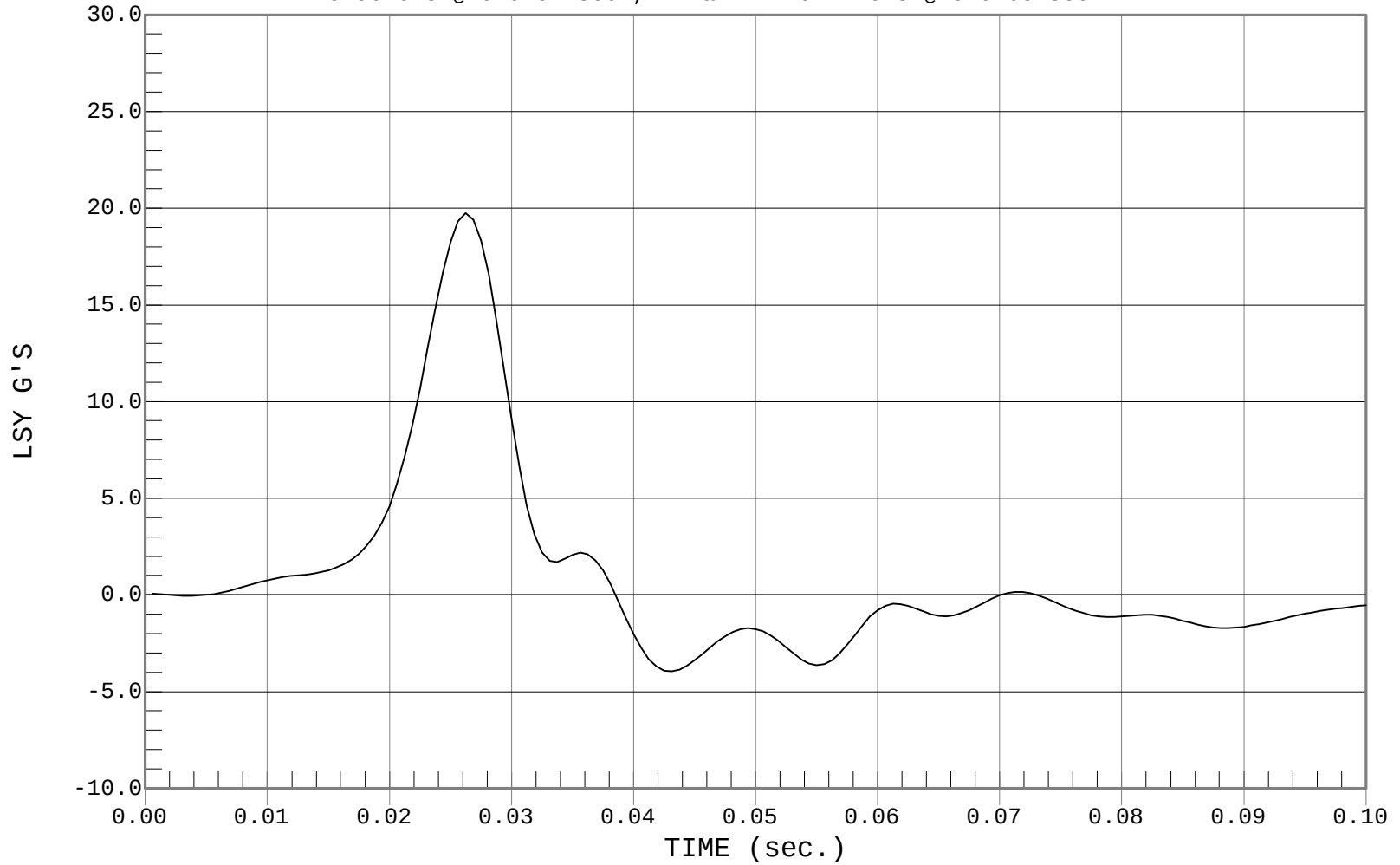
LOWER SPINE ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #272

Test Date: 10-26-00
Speed: 14.11 FT/SEC, 4.30 M/SEC

1 LSY, D00312FI.R10

Ymin = -3.96 G'S @ 0.0431 sec., Ymax = 19.74 G'S @ 0.0263 sec.



MGA RESEARCH CORPORATION
PELVIS IMPACT TEST
SIDE IMPACT DUMMY (SID)

Date: 10/26/00

Dummy Serial Number: 272

Test Number: D001313

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	50%
Probe Speed (m/s)	4.27 – 4.33	4.3
Pelvis Acceleration (g's)	40 – 60	42

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



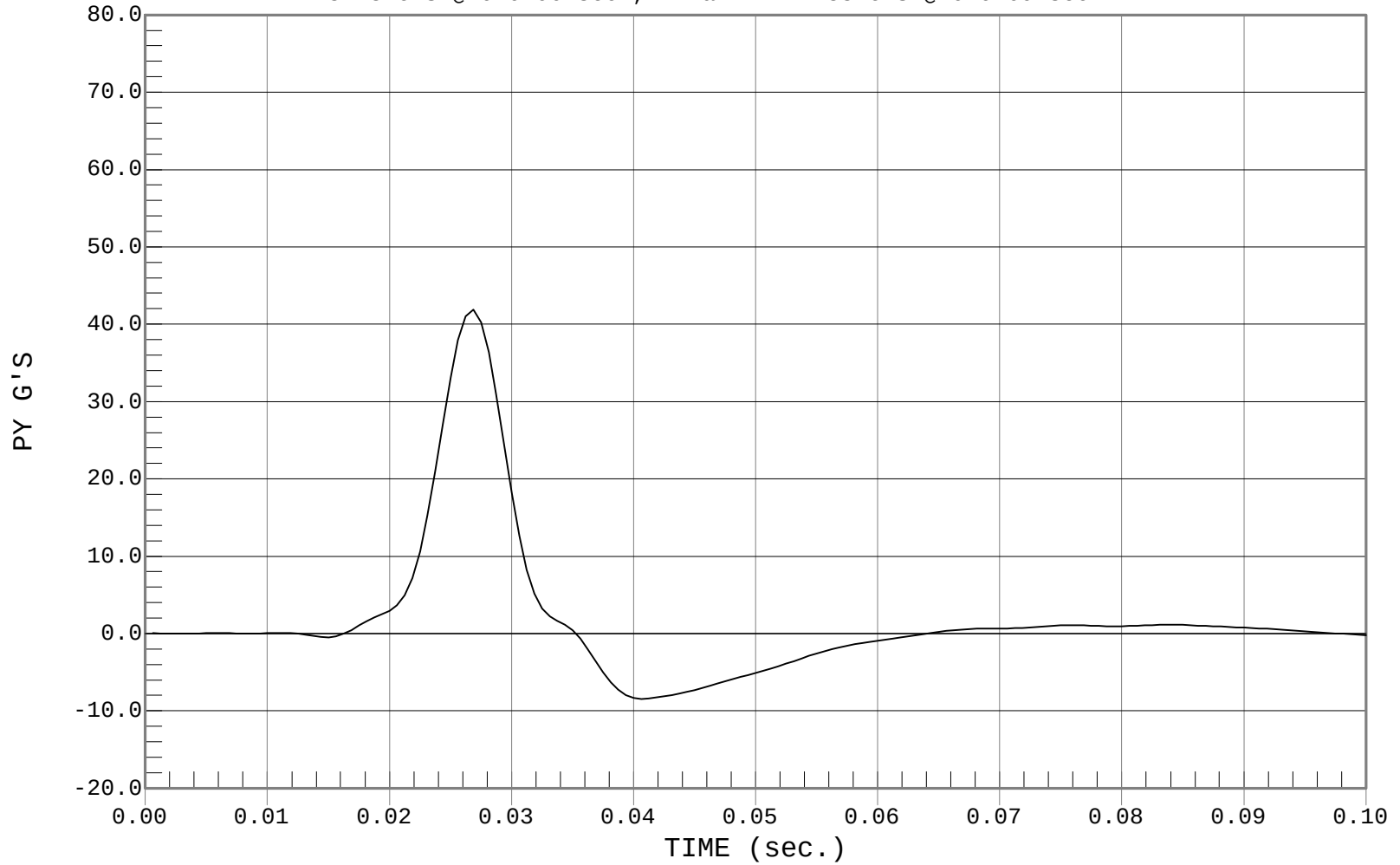
PELVIS ACCELERATION

Test Desc.: Dummy Calibration - Pelvis Impact
Component: Dummy #272

Test Date: 10-26-00
Speed: 14.12 FT/SEC, 4.30 M/SEC

1 PY, D00313FI.R11

Ymin = -8.43 G'S @ 0.0406 sec., Ymax = 41.88 G'S @ 0.0269 sec.



MGA RESEARCH CORPORATION
ABDOMINAL COMPRESSION TEST (PRELOAD = 10 LBS)
SIDE IMPACT DUMMY (SID)

Date: 10/23/00

Dummy Serial Number: 272

Test Number: D001314

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	49%
Force @ 12.7 mm	104 – 162	132
Force @ 19 mm	163 – 222	183
Force @ 25.4 mm	222 – 280	249
Force @ 33 mm	325 - 391	343

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



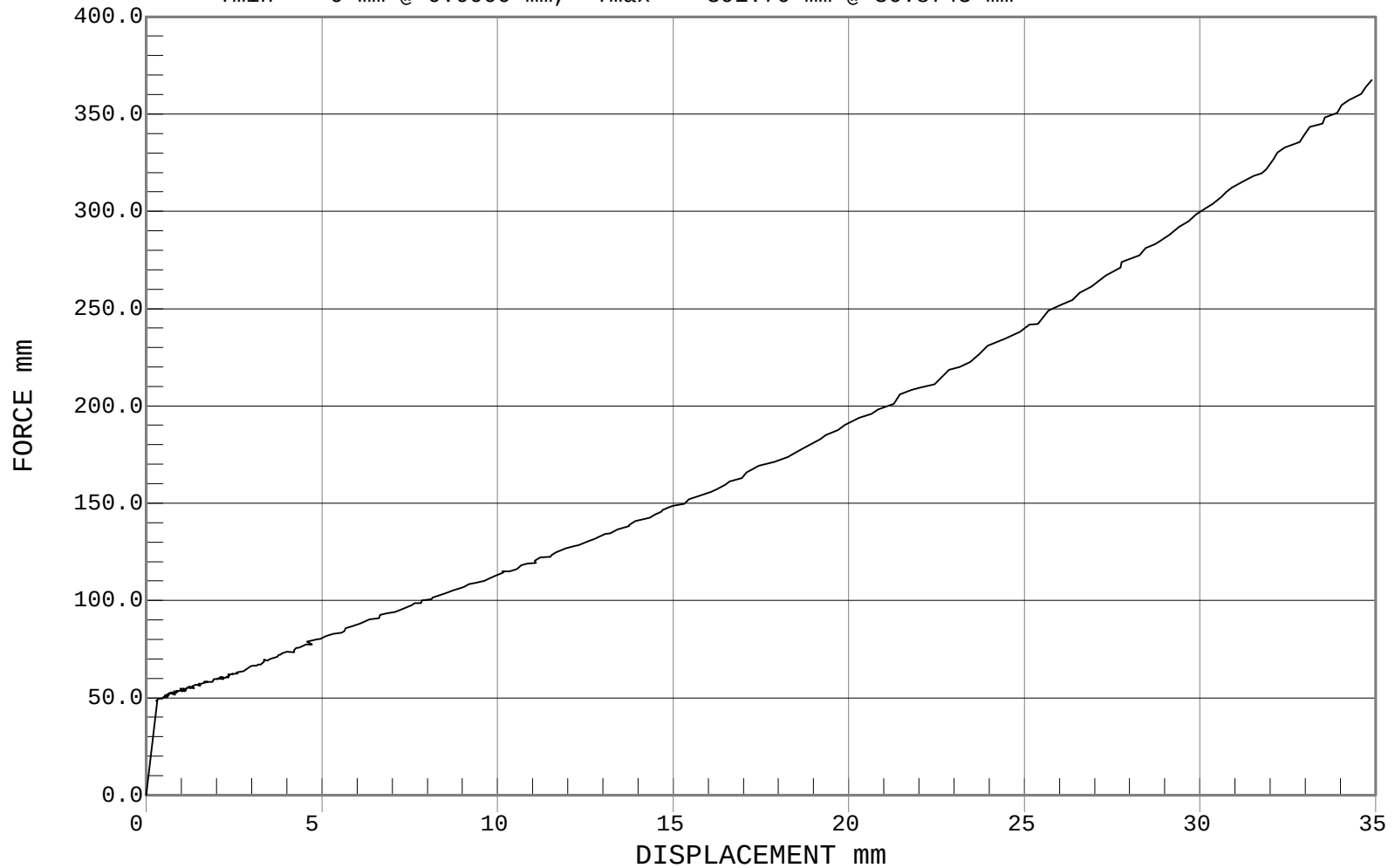
ABDOMEN COMPRESSION

Test Desc.: DUMMY CALIBRATION - ABDOMEN COMPRESSION
Component: DUMMY # 272

Test Date: 10-23-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00314FC.F16

Ymin = 0 mm @ 0.0000 mm, Ymax = 391.76 mm @ 36.8743 mm



MGA RESEARCH CORPORATION
LUMBAR FLEXION TEST
SIDE IMPACT DUMMY (SID)

Date: 10/23/00

Dummy Serial Number: 272

Test Number: D01315

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	49%
Force @ 0°	0 – 26.7	0
Force @ 20°	97.9 – 151.2	126.4
Force @ 30°	151.2 – 204.6	182.6
Force @ 40°	204.6 – 258.0	242.7
Return Angle	12° maximum	2°

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



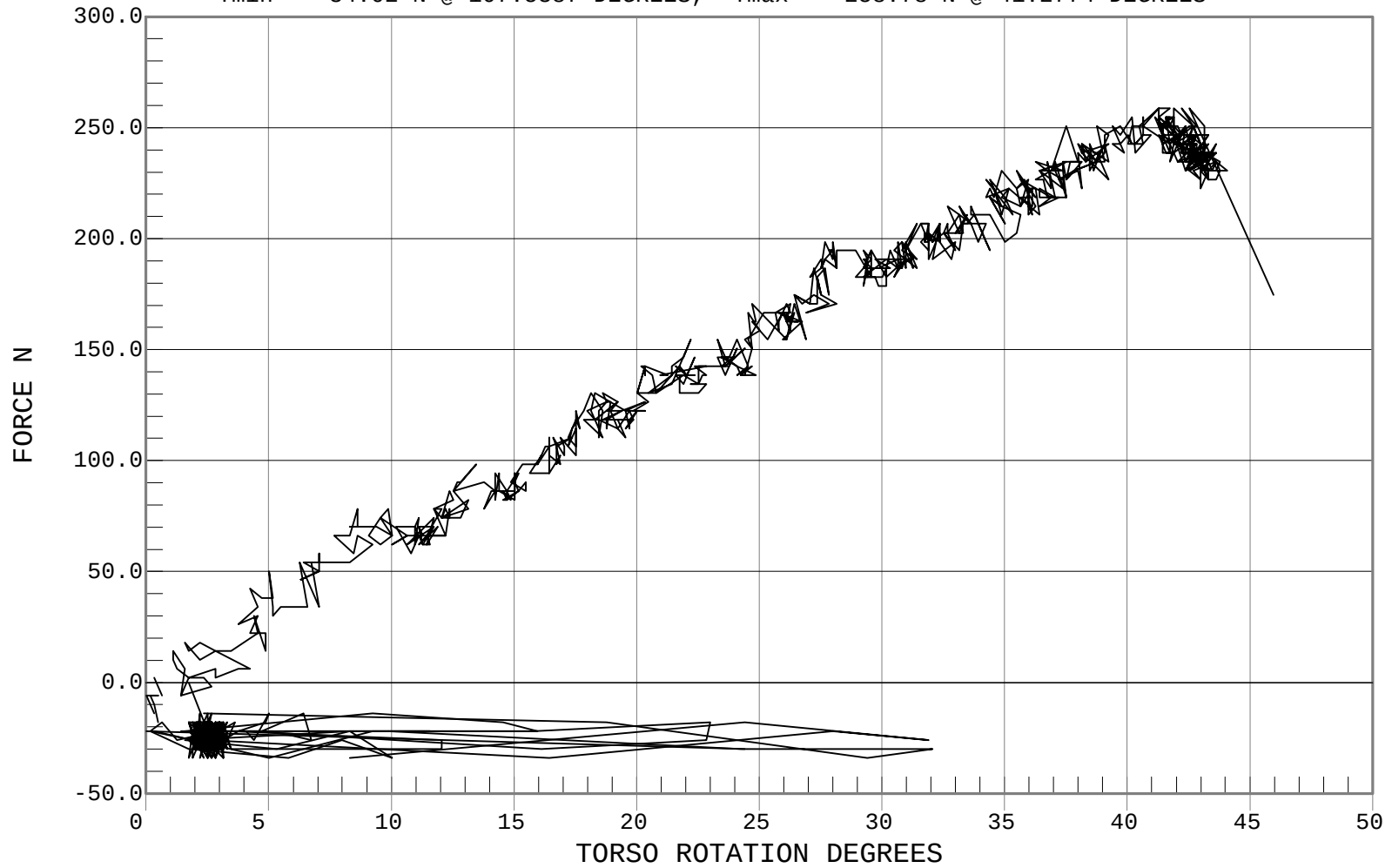
LUMBAR FLEXION

Test Desc.: DUMMY CALIBRATION - LUMBAR FLEXION
Component: DUMMY # 272

Test Date: 10-23-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00315FC.F14

Ymin = -34.02 N @ 107.5387 DEGREES, Ymax = 258.78 N @ 41.2774 DEGREES



DUMMY INSPECTION CHECKLIST

Type: Side Impact Dummy

Dummy Serial Number: 272

Inspected By: Tim Michnay

Date: 10/26/00

<u>Part</u>	<u>Items Checked</u>	<u>Comments</u>
Skin	visual inspection	OK
Head	visual, ballast, accelerometer mount	OK
Neck	visual	OK
Spine box	visual, ballast, weldment, accelerometer mount	OK
Rib cage	visual, measure	OK
Sternum	visual	OK
Lumbar spine	visual	OK
Abdomen	visual	OK
Pelvis	visual, palpate, accelerometer mount	OK
Upper legs	visual	OK
Knees	visual	OK
Lower legs	visual, range of motion	OK
Ankles	visual, range of motion	OK
Feet	visual, range of motion	OK
Joints	1 to 2 g range	OK
Other		

Notes (include component/problem/action/reason):

CERTIFICATION DATA

Dummy Serial Number: 271

Calibration Test Results Summary

Dummy Serial Number: 271

Post-Test Calibration

External Dimensions:	The dummy passed all external dimension requirements.
Head Drop Test:	The head passed all drop test requirements.
Thorax Impact Test:	The thorax passed all impact test requirements.
Pelvic Impact Test:	The pelvis passed all impact test requirements.
Abdominal Compression Test:	The abdomen passed all compression test requirements.
Lumbar Flexion Test:	The lumbar passed all flexion test requirements.

SIDE IMPACT DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

Dummy Serial Number: 271
 Date of Verification: 11/1/00
 Test Number: D00134

DESCRIPTION	SPECIFICATION	TEST RESULTS
SH-Seated Height (mm)	889 – 909	900
RH-Rib Height (mm)	501 – 521	516
HP-Hip Pivot Height (mm)	99 ref.	99
RD-Rib From Back Line (mm)	229 - 241	234
KV-Knee Pivot From Back Line (mm)	511 – 526	518
SW-Knee Pivot to Floor (mm)	490 – 505	493
HW – Hip Width (mm)	356 – 391	377

Technician: _____

Approved By: _____

MGA RESEARCH CORPORATION

HEAD DROP TEST

SIDE IMPACT DUMMY (SID)

Date: 11/1/00

Dummy Serial Number: 271

Test Number: D001341

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 - 25.5	21.0°
Relative Humidity (%)	10 - 70	37%
Peak Resultant Acceleration	210 - 260 g's	244
Peak Lateral Acceleration	< 10 g's	-8
Time Above 100 g.	0.9 - 1.5 msec.	1.2

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



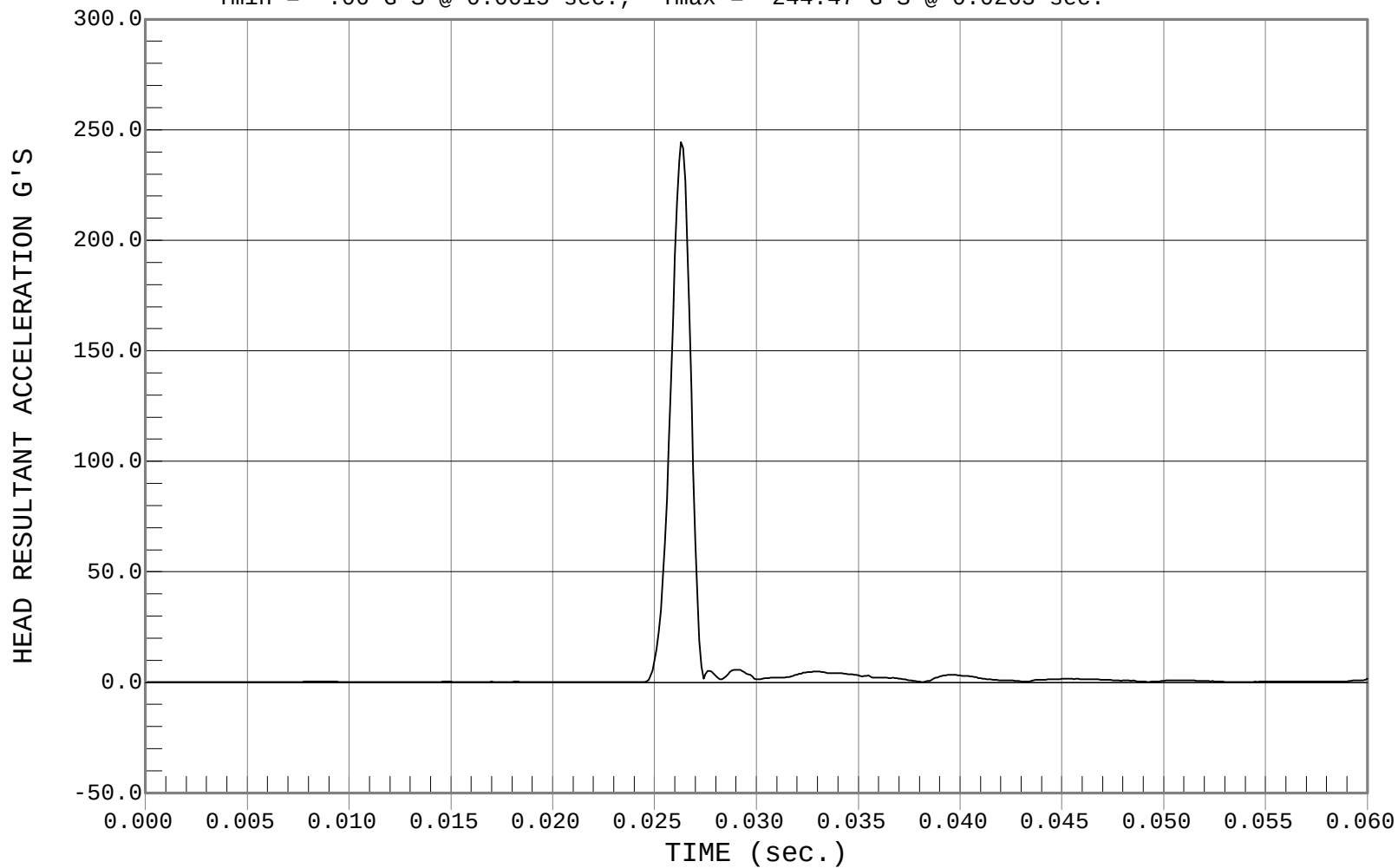
PEAK RESULTANT ACCELERATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy #271

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

— 1 HEAD RESULTANT ACCELERATION, D00341av.a01

Ymin = .06 G'S @ 0.0015 sec., Ymax = 244.47 G'S @ 0.0263 sec.





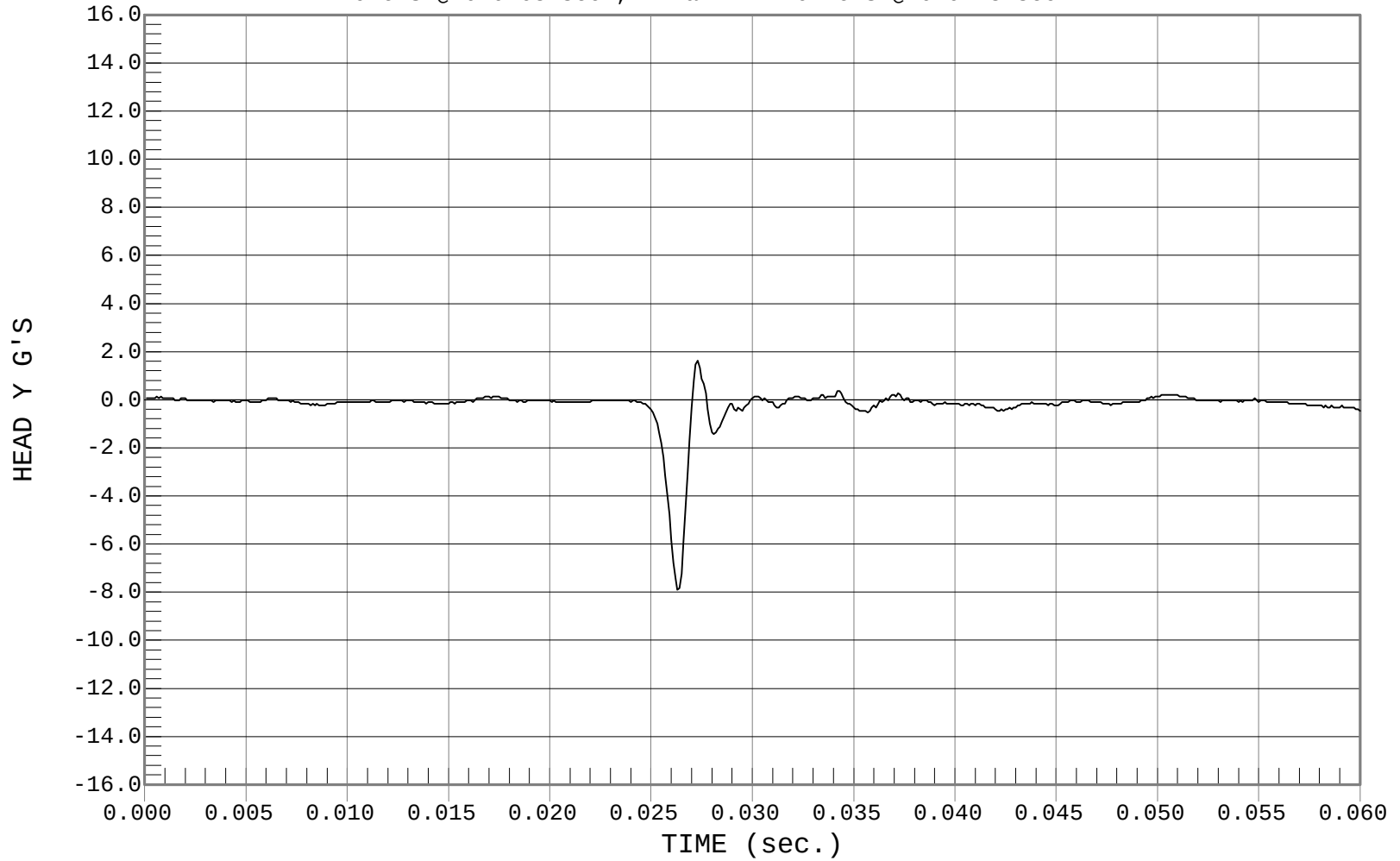
PEAK LATERAL ACCELARATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy #271

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 HEAD Y, D00341AR.A02

Ymin = -7.9 G'S @ 0.0263 sec., Ymax = 1.61 G'S @ 0.0273 sec.



MGA RESEARCH CORPORATION

THORAX IMPACT TEST

SIDE IMPACT DUMMY (SID)

Date: 11/1/00

Dummy Serial Number: 271

Test Number: D001342

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	37%
Probe Speed (m/s)	4.27 – 4.33	4.32
Upper Rib (g's)	37 – 46	42
Lower Rib (g's)	37 – 46	41
Lower Spine (g's)	15 - 22	20

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



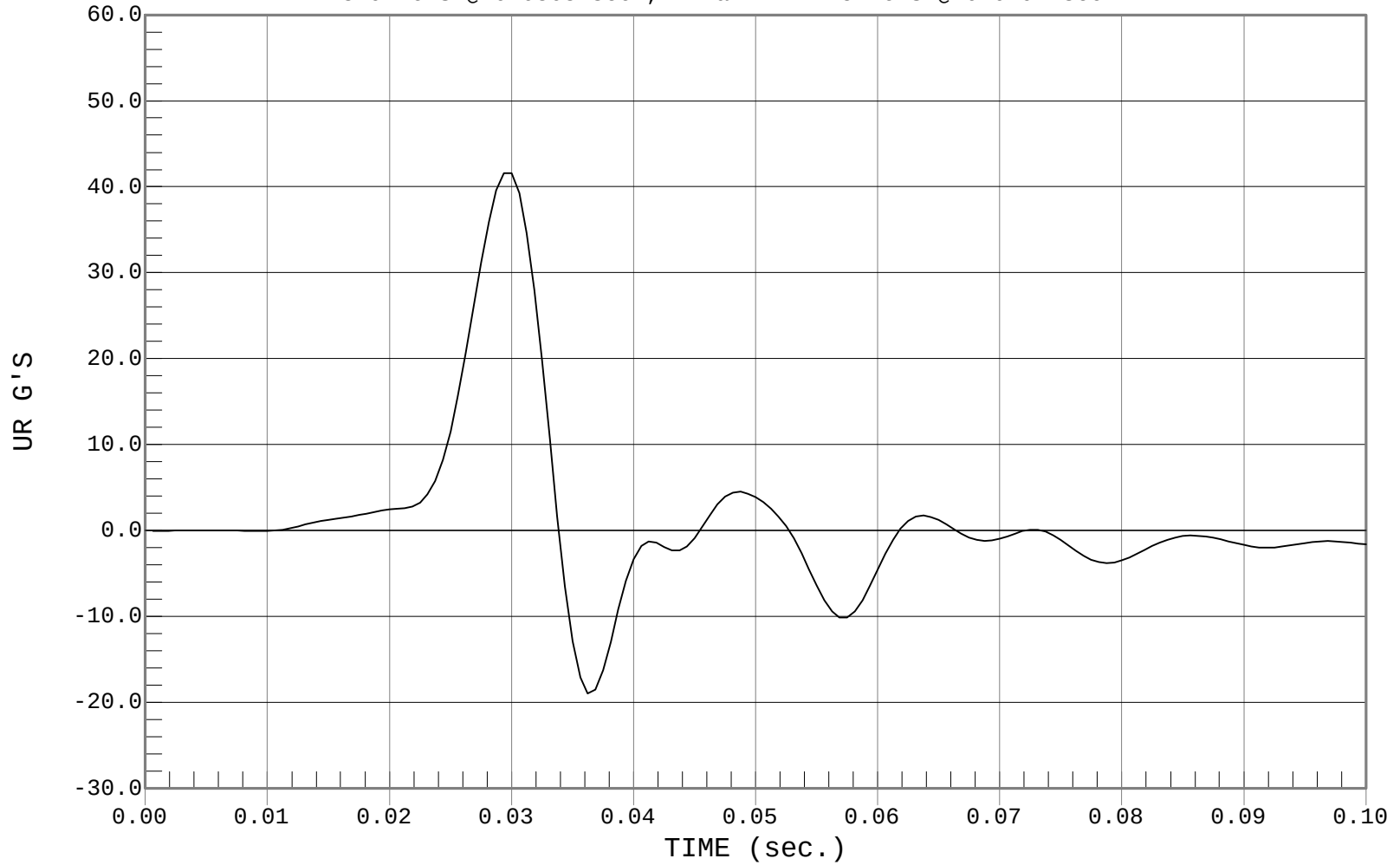
UPPER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #271

Test Date: 11-01-00
Speed: 14.18 FT/SEC, 4.32 M/SEC

1 UR, D00342FI.R08

Ymin = -18.94 G'S @ 0.0363 sec., Ymax = 41.57 G'S @ 0.0294 sec.





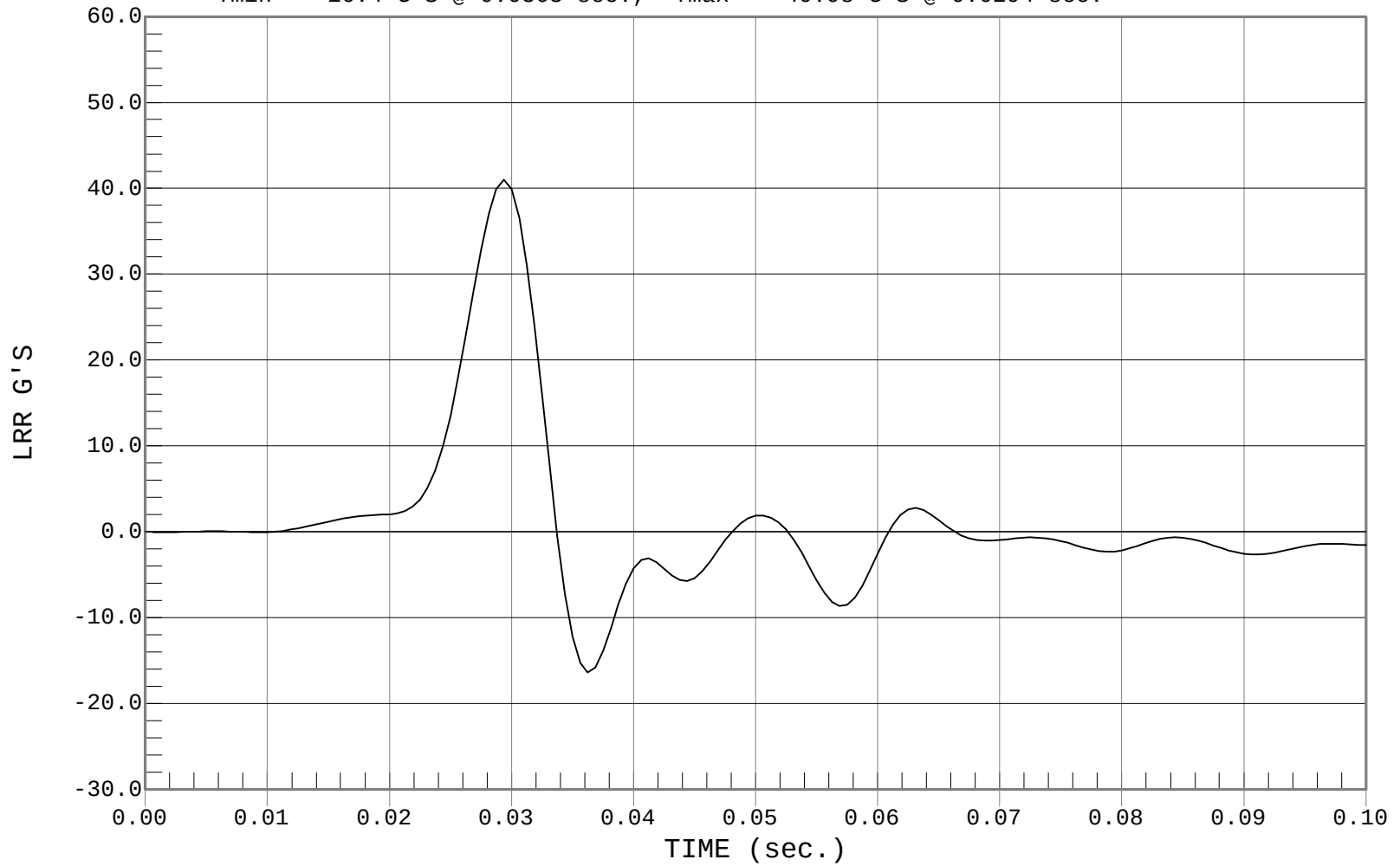
LOWER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #271

Test Date: 11-01-00
Speed: 14.18 FT/SEC, 4.32 M/SEC

1 LRR, D00342FI.R09

Ymin = -16.4 G'S @ 0.0363 sec., Ymax = 40.98 G'S @ 0.0294 sec.





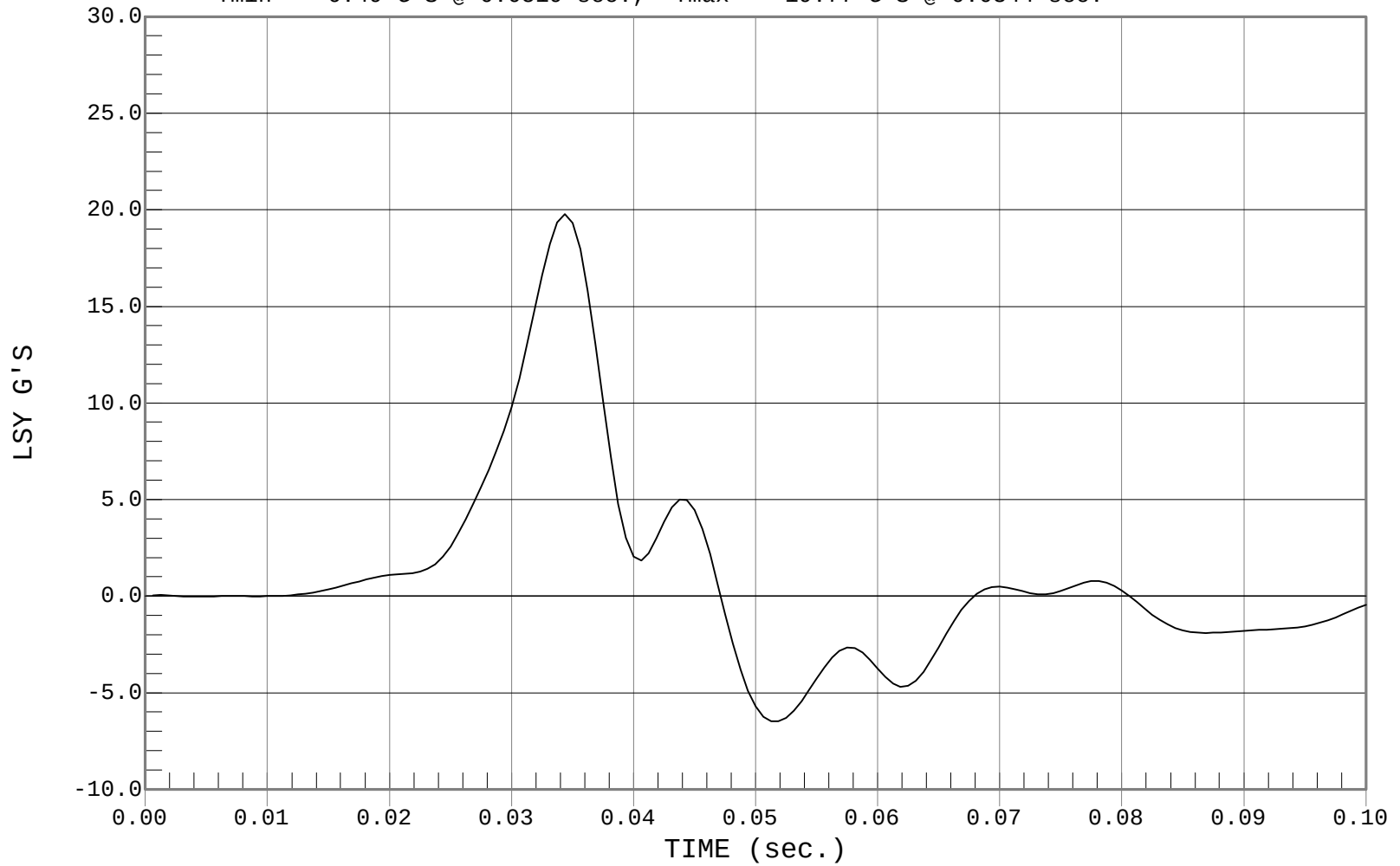
LOWER SPINE ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #271

Test Date: 11-01-00
Speed: 14.18 FT/SEC, 4.32 M/SEC

1 LSY, D00342FI.R10

Ymin = -6.49 G'S @ 0.0519 sec., Ymax = 19.77 G'S @ 0.0344 sec.



MGA RESEARCH CORPORATION
PELVIS IMPACT TEST
SIDE IMPACT DUMMY (SID)

Date: 11/1/00
Dummy Serial Number: 271
Test Number: D001343

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	37%
Probe Speed (m/s)	4.27 – 4.33	4.31
Pelvis Acceleration (g's)	40 – 60	50

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



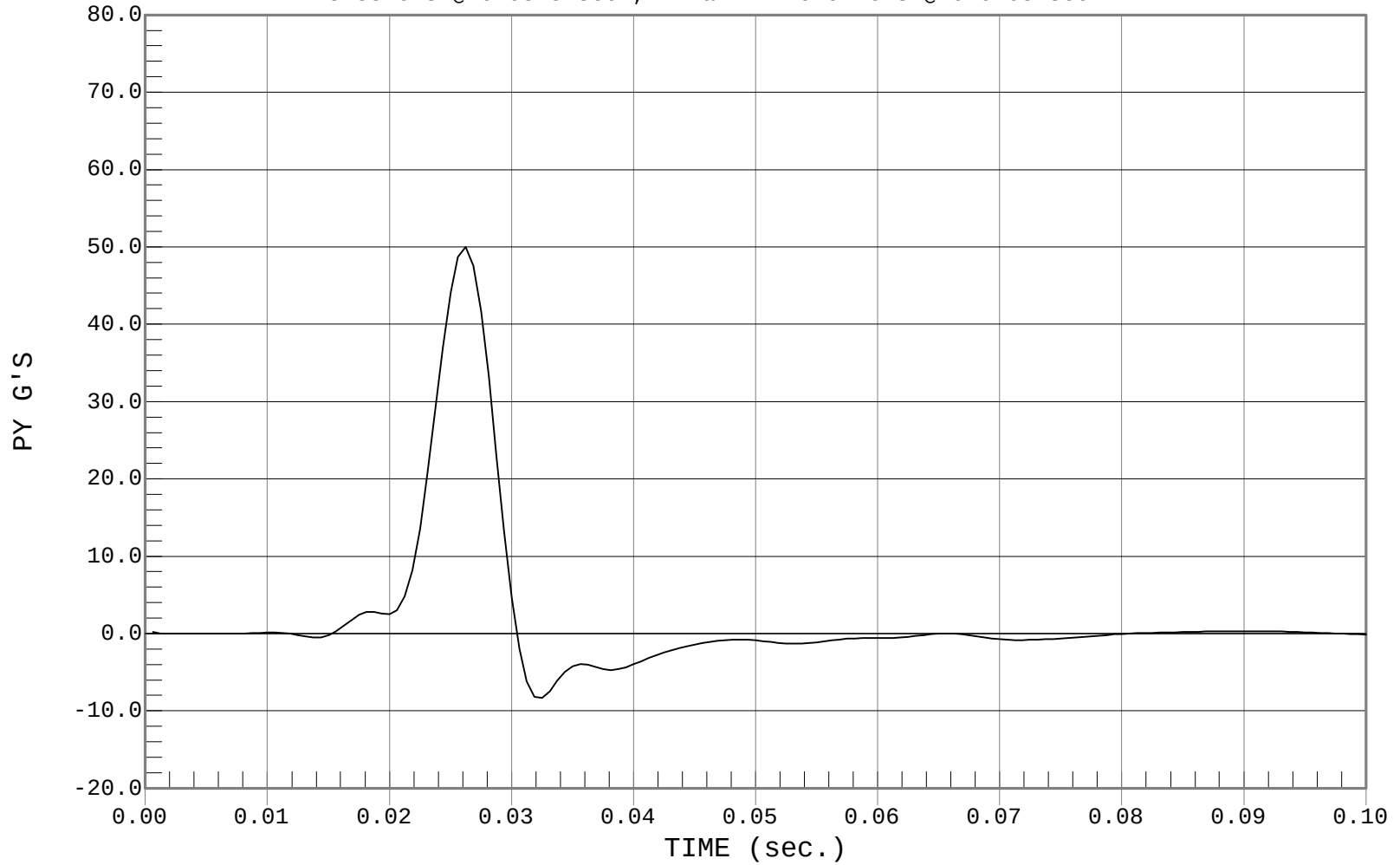
PELVIS ACCELERATION

Test Desc.: Dummy Calibration - Pelvis Impact
Component: Dummy #271

Test Date: 11-01-00
Speed: 14.15 FT/SEC, 4.31 M/SEC

1 PY, D00343FI.R11

Ymin = -8.33 G'S @ 0.0325 sec., Ymax = 49.97 G'S @ 0.0263 sec.



MGA RESEARCH CORPORATION
ABDOMINAL COMPRESSION TEST (PRELOAD = 10 LBS)
SIDE IMPACT DUMMY (SID)

Date: 11/1/00
Dummy Serial Number: 271
Test Number: D001344

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	41%
Force @ 12.7 mm	104 – 162	158
Force @ 19 mm	163 – 222	215
Force @ 25.4 mm	222 – 280	277
Force @ 33 mm	325 - 391	378

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



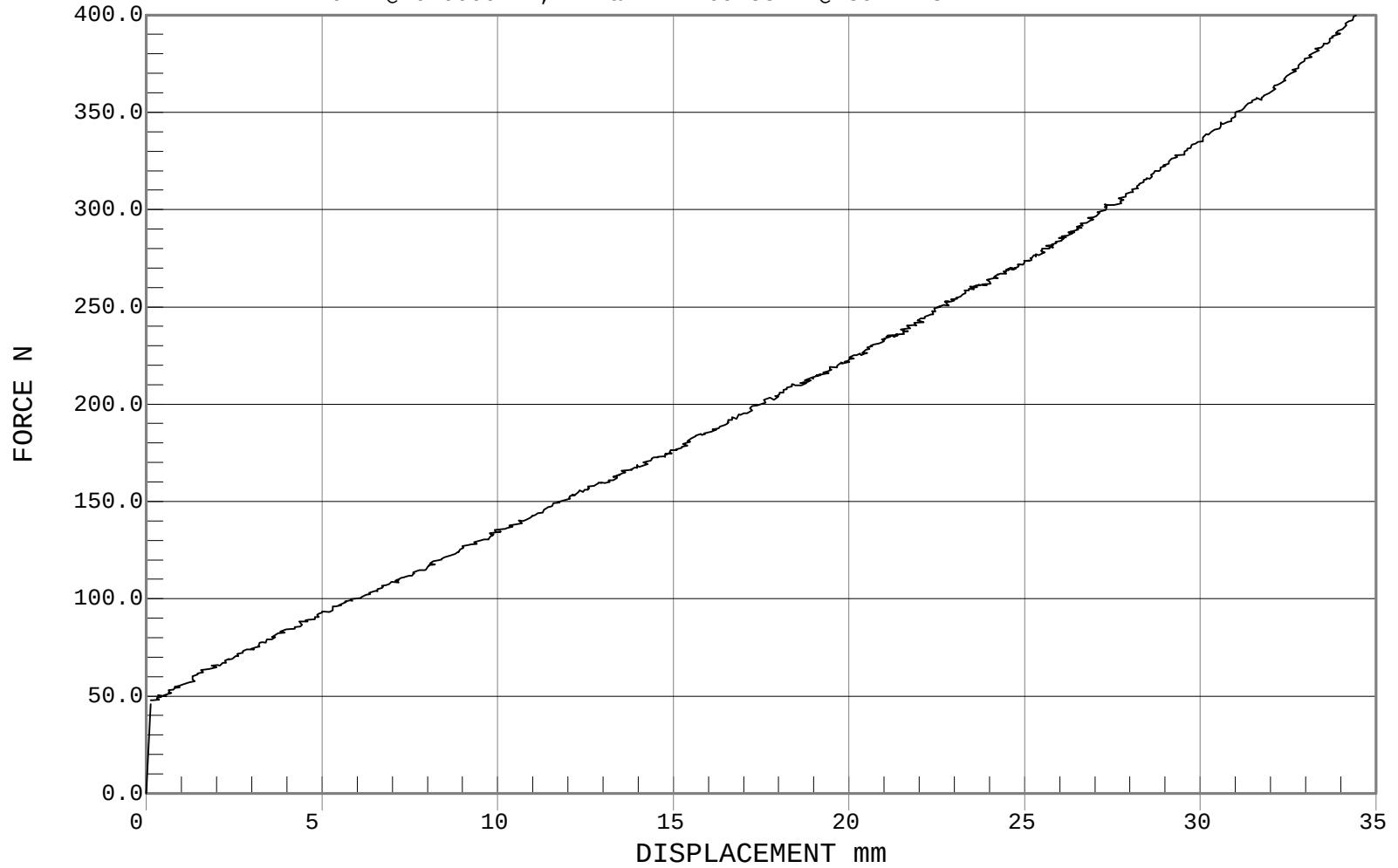
ABDOMEN COMPRESSION

Test Desc.: DUMMY CALIBRATION - ABDOMEN COMPRESSION
Component: DUMMY # 271

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00344FC.F16

Ymin = 0 N @ 0.0000 mm, Ymax = 469.53 N @ 39.1418 mm



MGA RESEARCH CORPORATION

LUMBAR FLEXION TEST

SIDE IMPACT DUMMY (SID)

Date: 11/1/00

Dummy Serial Number: 271

Test Number: D01345

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	37%
Force @ 0°	0 – 26.7	0
Force @ 20°	97.9 – 151.2	121.4
Force @ 30°	151.2 – 204.6	197.5
Force @ 40°	204.6 – 258.0	249.7
Return Angle	12° maximum	1°

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



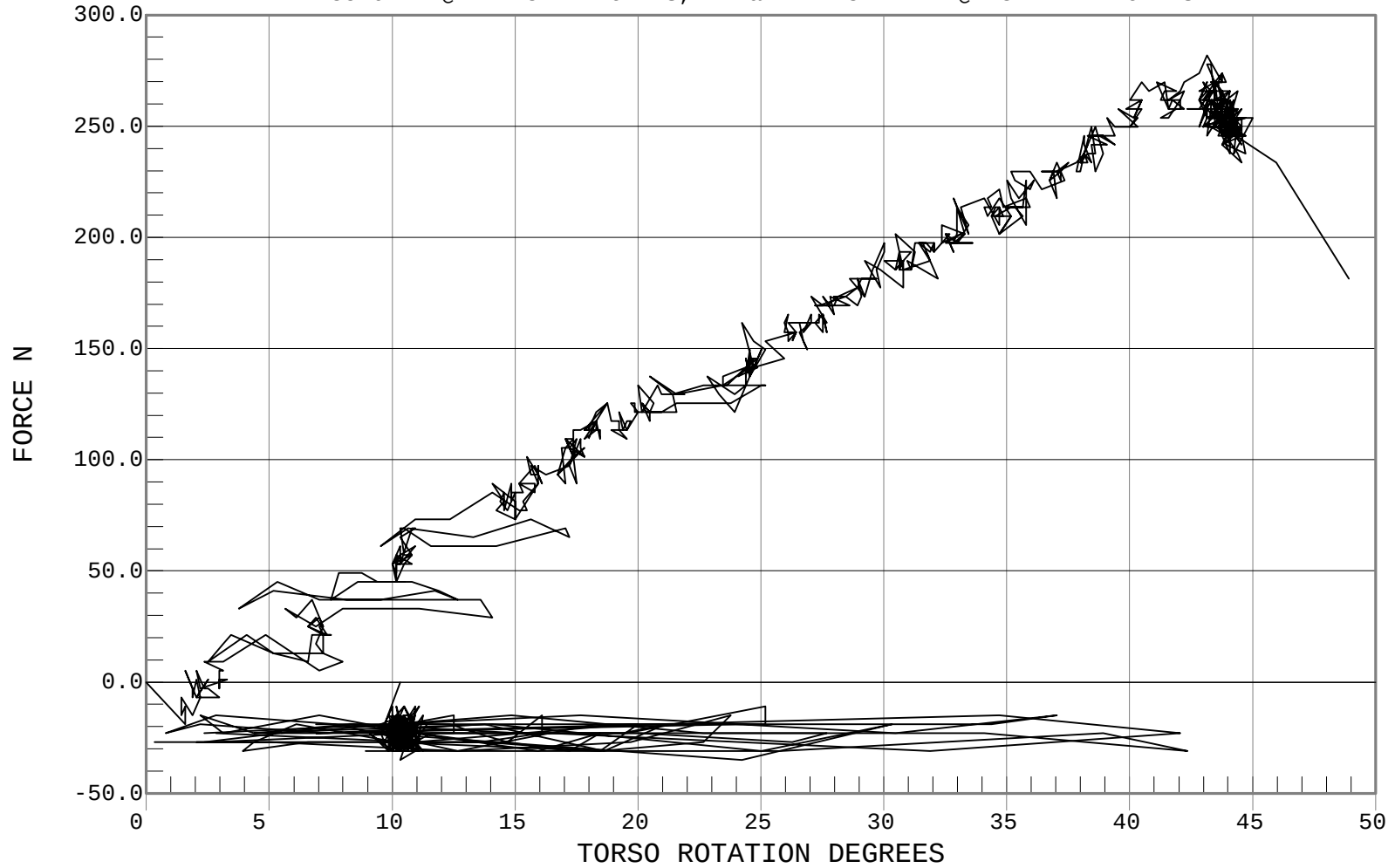
LUMBAR FLEXION

Test Desc.: DUMMY CALIBRATION - LUMBAR FLEXION
Component: DUMMY # 271

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00345FC.F14

Ymin = -35.02 N @ 24.2322 DEGREES, Ymax = 281.74 N @ 43.1417 DEGREES



DUMMY INSPECTION CHECKLIST

Type: Side Impact Dummy

Dummy Serial Number: 271

Inspected By: Tim Michnay

Date: 11/1/00

<u>Part</u>	<u>Items Checked</u>	<u>Comments</u>
Skin	visual inspection	OK
Head	visual, ballast, accelerometer mount	OK
Neck	visual	OK
Spine box	visual, ballast, weldment, accelerometer mount	OK
Rib cage	visual, measure	OK
Sternum	visual	OK
Lumbar spine	visual	OK
Abdomen	visual	OK
Pelvis	visual, palpate, accelerometer mount	OK
Upper legs	visual	OK
Knees	visual	OK
Lower legs	visual, range of motion	OK
Ankles	visual, range of motion	OK
Feet	visual, range of motion	OK
Joints	1 to 2 g range	OK
Other		

Notes (include component/problem/action/reason):

CERTIFICATION DATA

Dummy Serial Number: 272

Calibration Test Results Summary

Dummy Serial Number: 272

Post Test Calibration

External Dimensions:	The dummy passed all external dimension requirements.
Head Drop Test:	The head passed all drop test requirements.
Thorax Impact Test:	The thorax passed all impact test requirements.
Pelvic Impact Test:	The pelvis passed all impact test requirements.
Abdominal Compression Test:	The abdomen passed all compression test requirements.
Lumbar Flexion Test:	The lumbar passed all flexion test requirements.

SIDE IMPACT DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

Dummy Serial Number: 272
 Date of Verification: 11/1/00
 Test Number: D0135

DESCRIPTION	SPECIFICATION	TEST RESULTS
SH-Seated Height (mm)	889 – 909	898
RH-Rib Height (mm)	501 – 521	515
HP-Hip Pivot Height (mm)	99 ref.	99
RD-Rib From Back Line (mm)	229 - 241	234
KV-Knee Pivot From Back Line (mm)	511 – 526	523
SW-Knee Pivot to Floor (mm)	490 – 505	493
HW – Hip Width (mm)	356 – 391	375

Technician: _____

Approved By: _____

MGA RESEARCH CORPORATION

HEAD DROP TEST

SIDE IMPACT DUMMY (SID)

Date: 11/1/00

Dummy Serial Number: 272

Test Number: D001351

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 - 25.5	21.0°
Relative Humidity (%)	10 - 70	37%
Peak Resultant Acceleration	210 - 260 g's	245
Peak Lateral Acceleration	< 10 g's	-2
Time Above 100 g.	0.9 - 1.5 msec.	1.2

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____

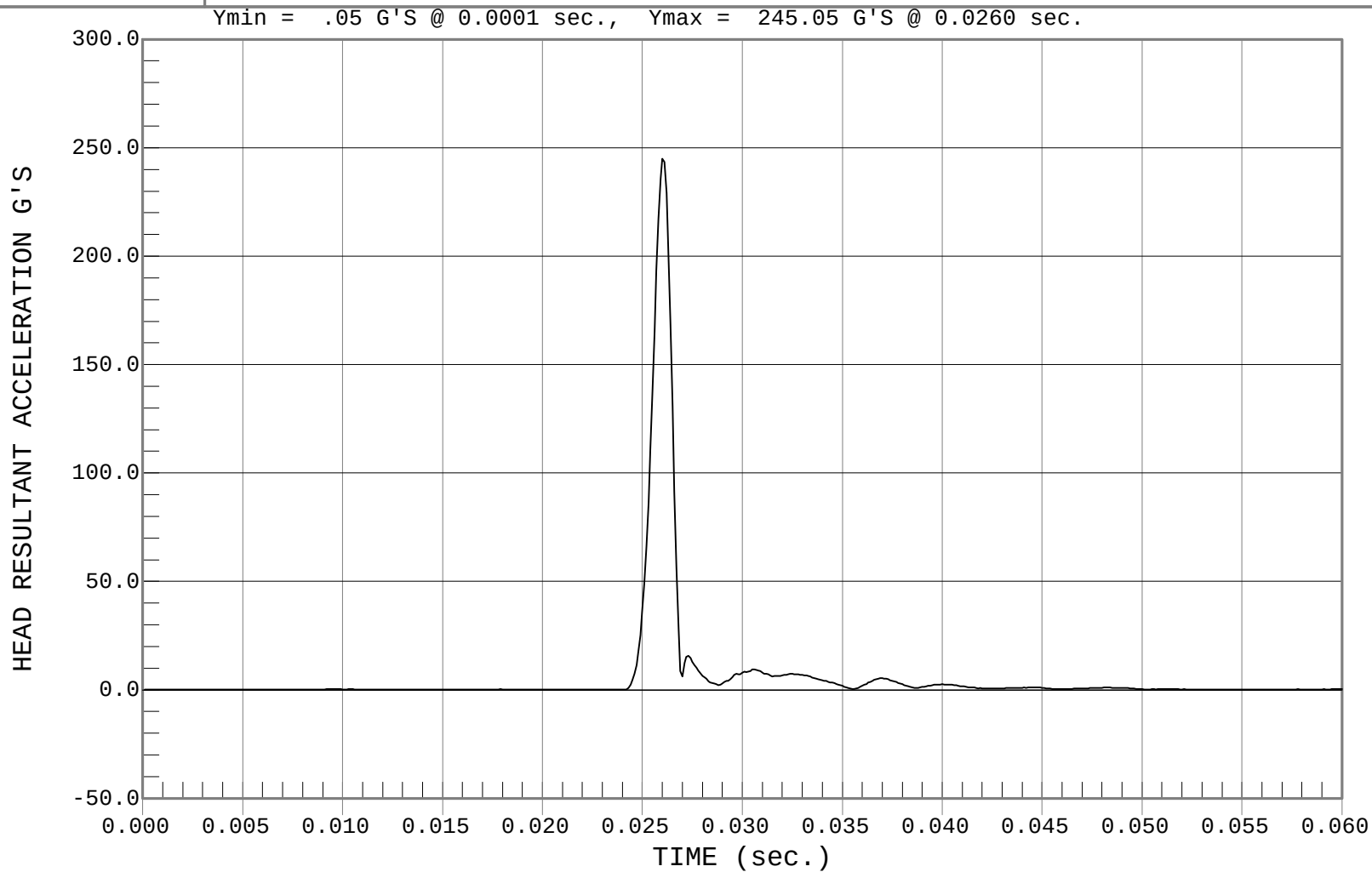


PEAK RESULTANT ACCELERATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy #272

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

— 1 HEAD RESULTANT ACCELERATION, D00351av.a01





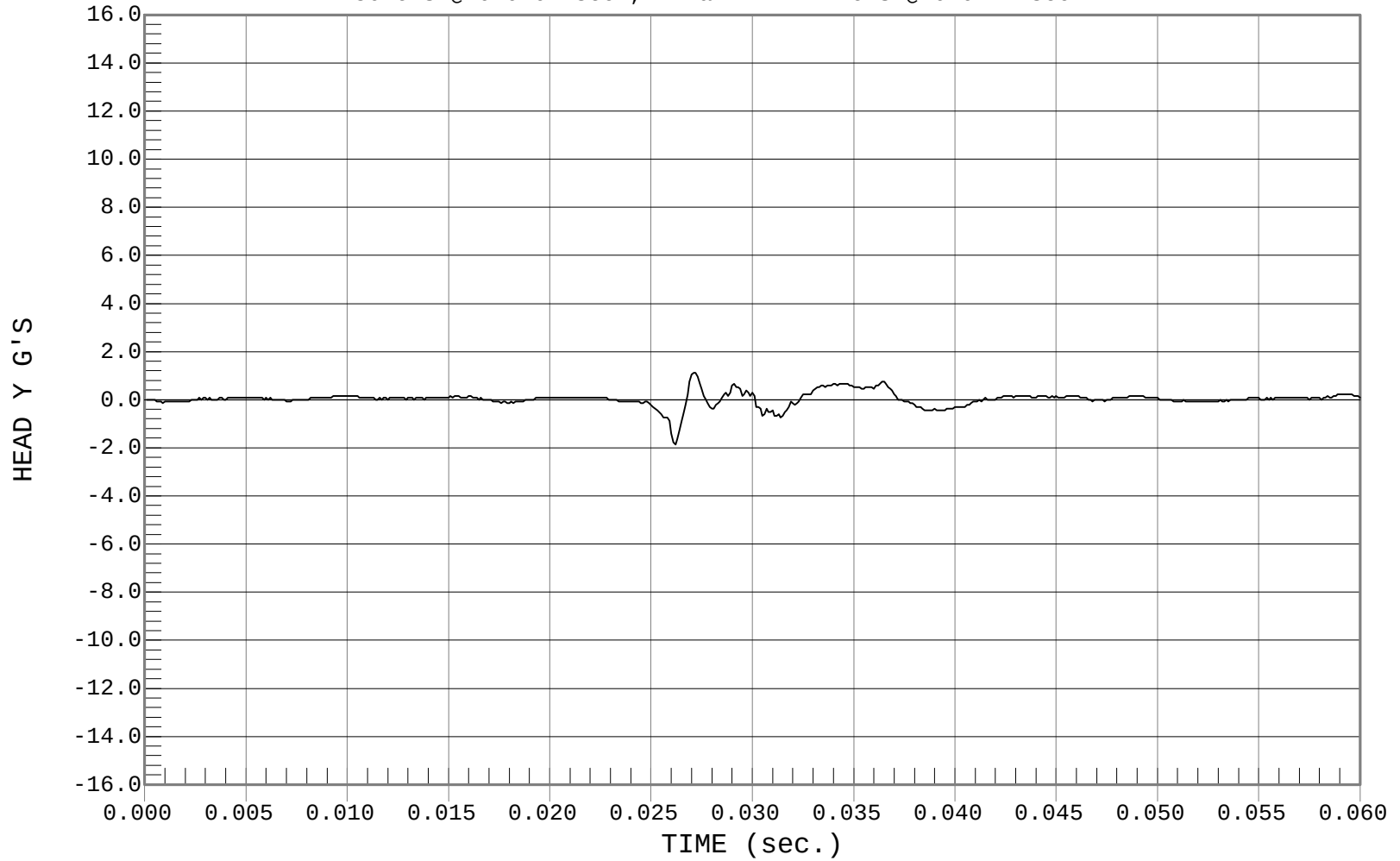
PEAK LATERAL ACCELARATION

Test Desc.: Dummy Calibration - Head Drop
Component: Dummy #272

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 HEAD Y, D00351AR.A02

Ymin = -1.86 G'S @ 0.0262 sec., Ymax = 1.12 G'S @ 0.0271 sec.



MGA RESEARCH CORPORATION
THORAX IMPACT TEST
SIDE IMPACT DUMMY (SID)

Date: 11/1/00
Dummy Serial Number: 272
Test Number: D001352

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	37%
Probe Speed (m/s)	4.27 – 4.33	4.33
Upper Rib (g's)	37 – 46	41
Lower Rib (g's)	37 – 46	39
Lower Spine (g's)	15 - 22	20

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



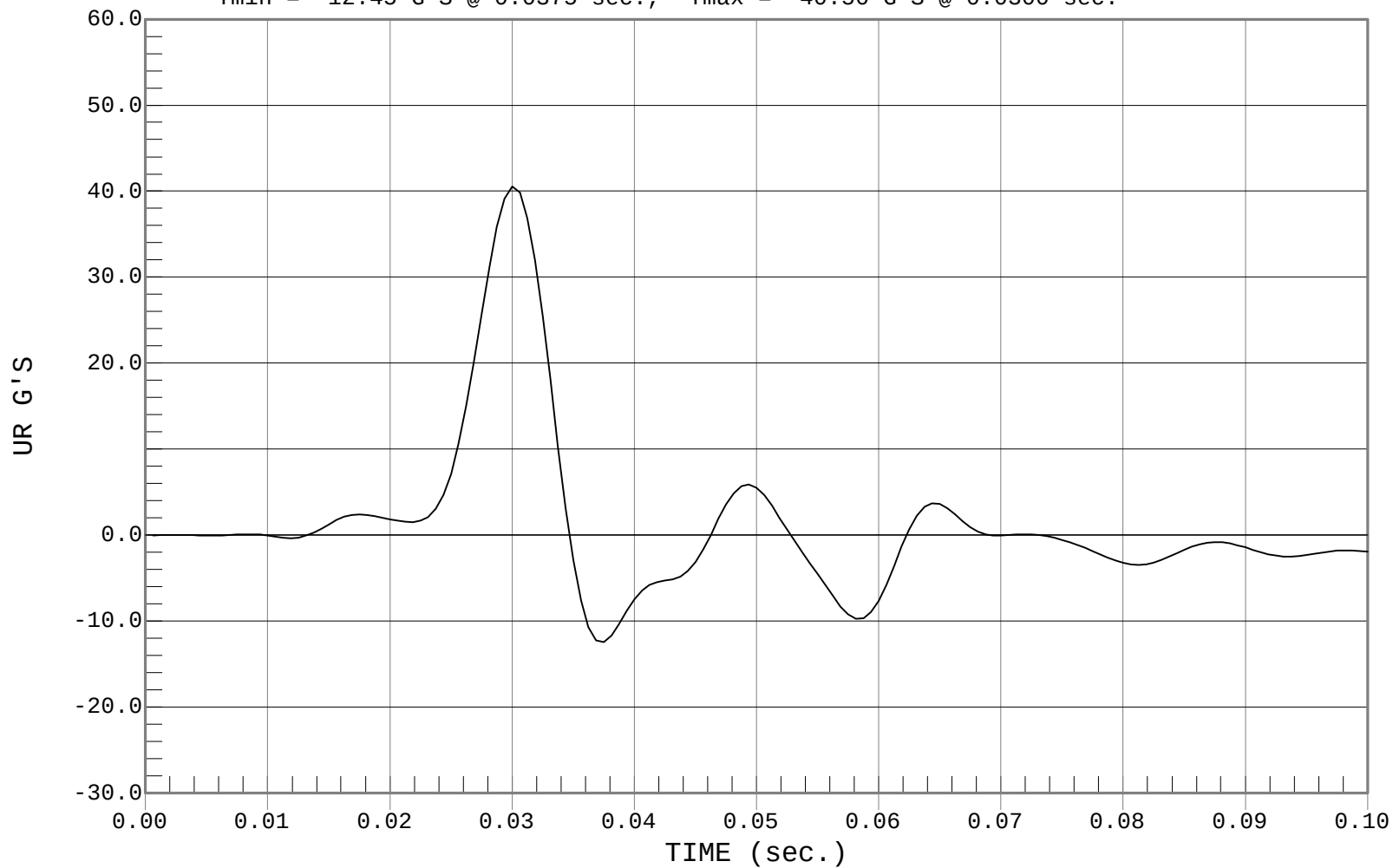
UPPER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #272

Test Date: 11-01-00
Speed: 14.19 FT/SEC, 4.33 M/SEC

1 UR, D00352FI.R08

Ymin = -12.45 G'S @ 0.0375 sec., Ymax = 40.56 G'S @ 0.0300 sec.





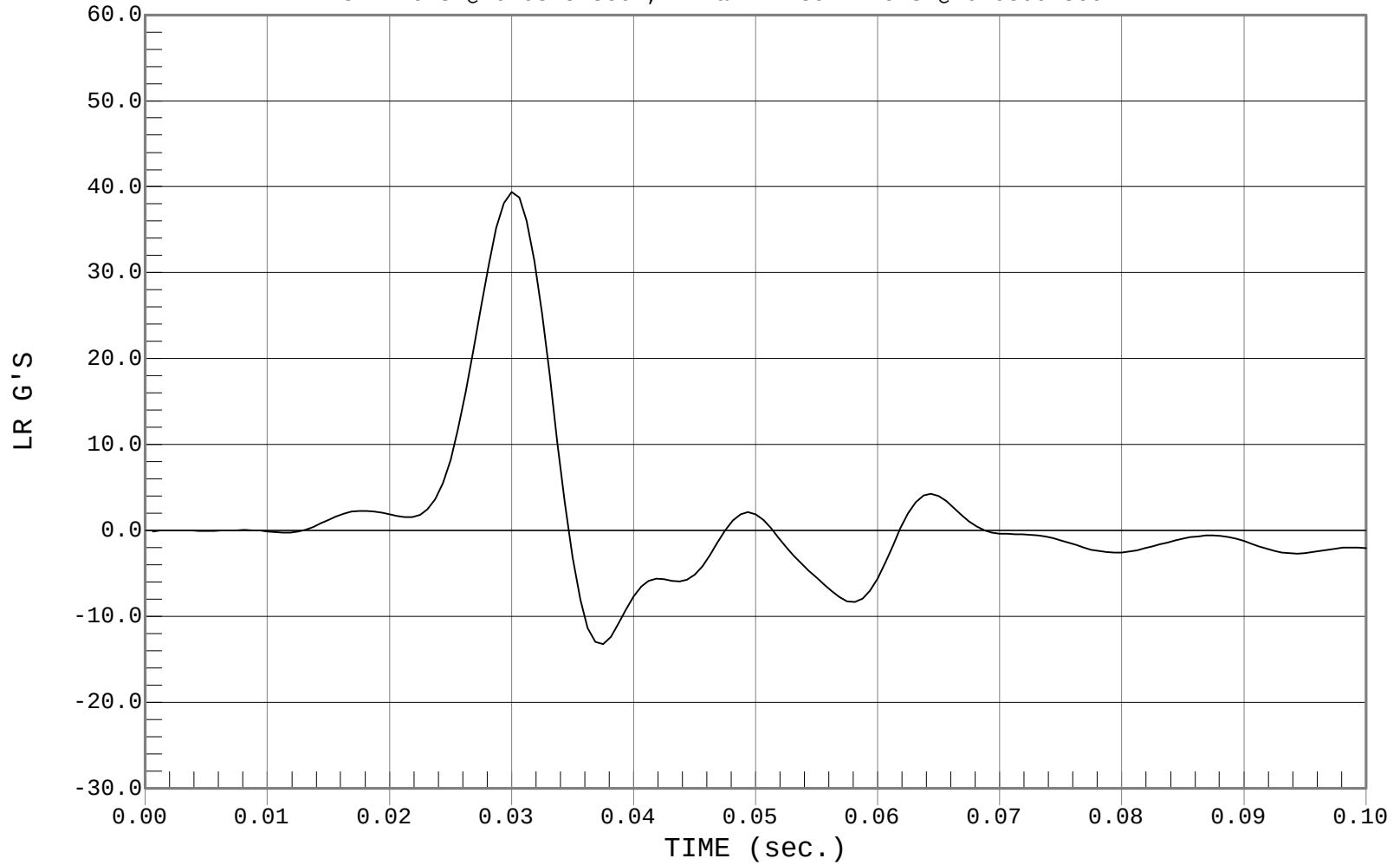
LOWER RIB ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #272

Test Date: 11-01-00
Speed: 14.19 FT/SEC, 4.33 M/SEC

1 LR, D00352FI.R09

Ymin = -13.24 G'S @ 0.0375 sec., Ymax = 39.41 G'S @ 0.0300 sec.





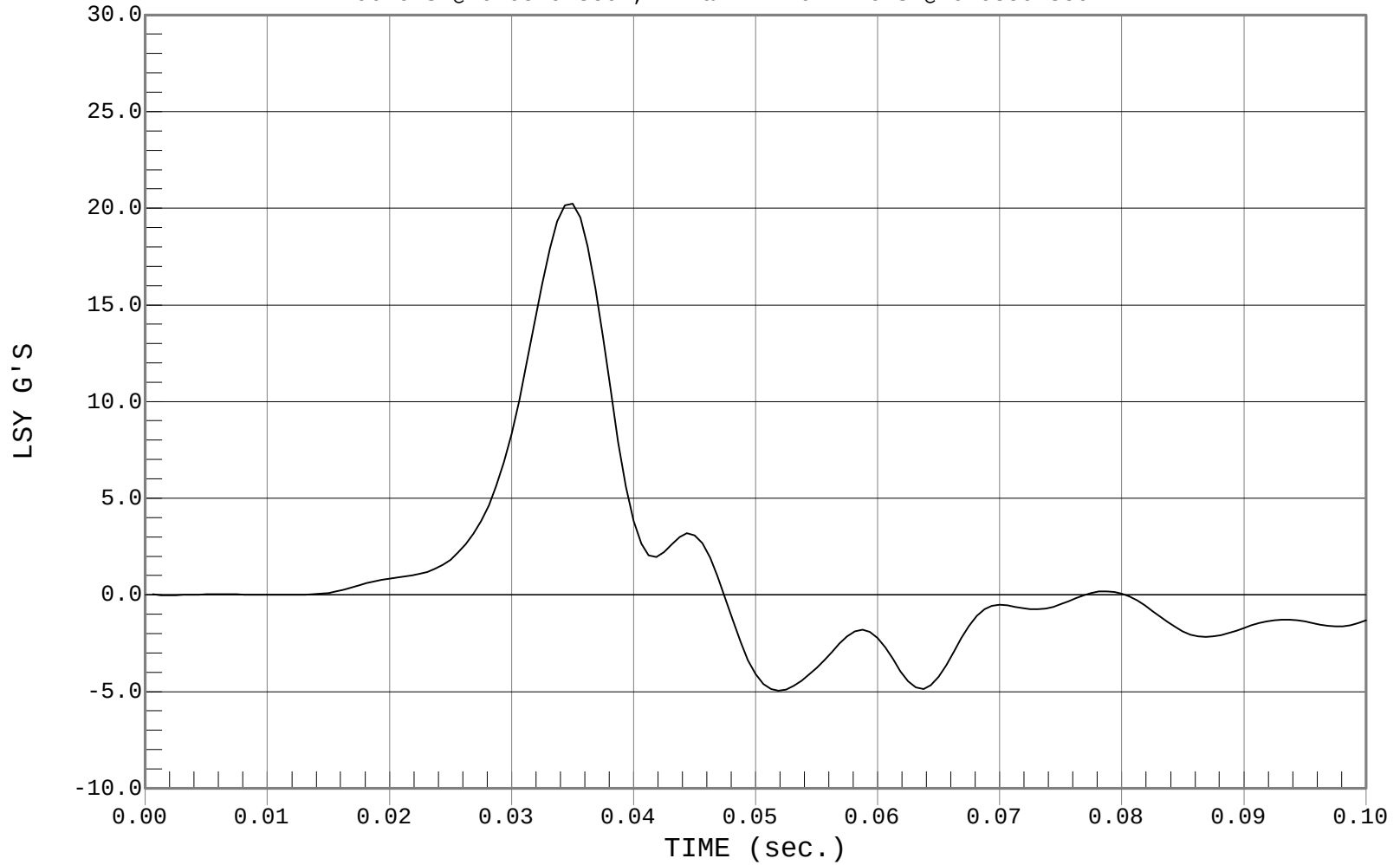
LOWER SPINE ACCELERATION

Test Desc.: Dummy Calibration - Thorax Impact
Component: Dummy #272

Test Date: 11-01-00
Speed: 14.19 FT/SEC, 4.33 M/SEC

1 LSY, D00352FI.R10

Ymin = -4.96 G'S @ 0.0519 sec., Ymax = 20.24 G'S @ 0.0350 sec.



MGA RESEARCH CORPORATION

PELVIS IMPACT TEST

SIDE IMPACT DUMMY (SID)

Date: 11/1/00

Dummy Serial Number: 272

Test Number: D001353

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	37%
Probe Speed (m/s)	4.27 – 4.33	4.31
Pelvis Acceleration (g's)	40 – 60	49

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



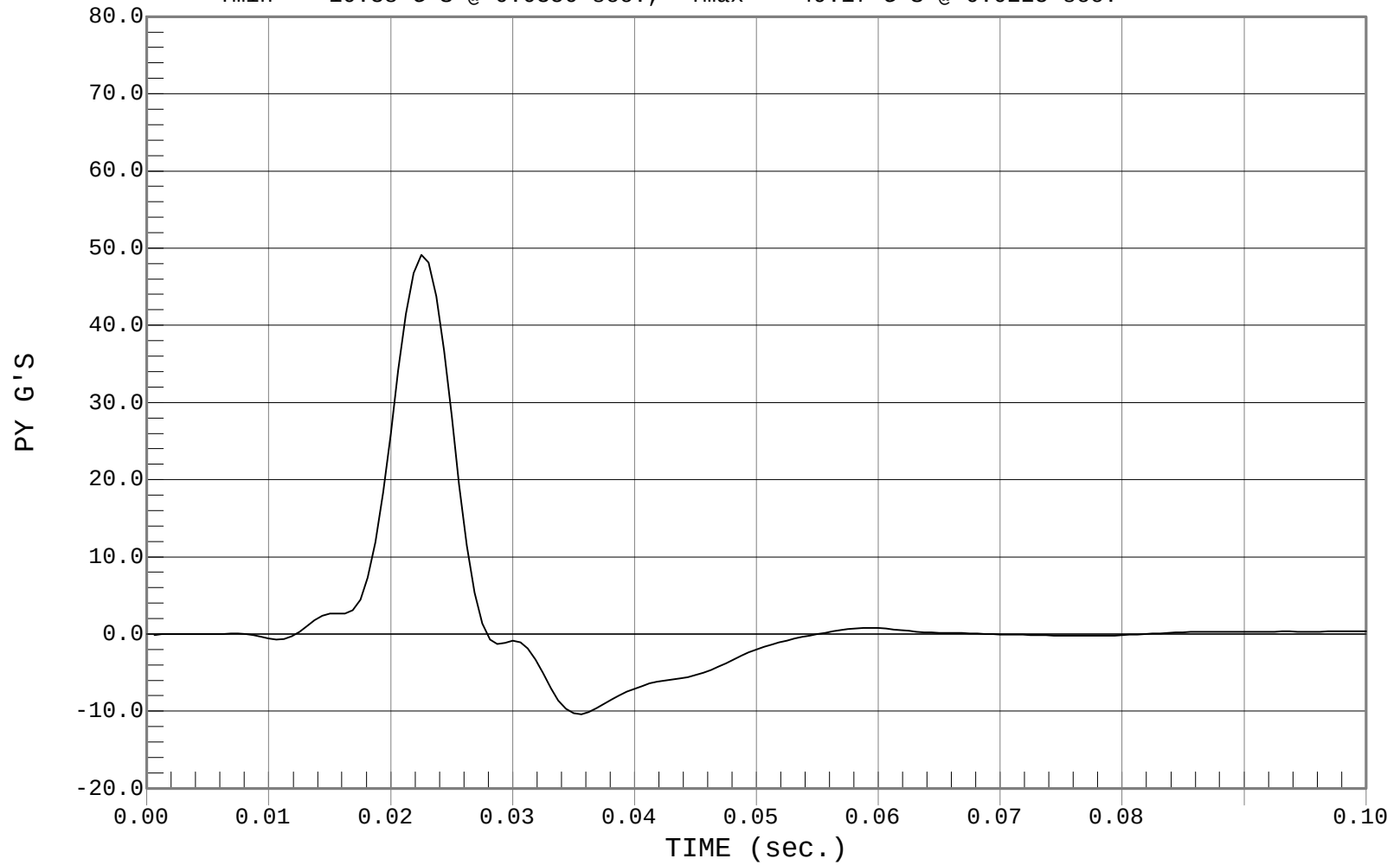
PELVIS ACCELERATION

Test Desc.: Dummy Calibration - Pelvis Impact
Component: Dummy #272

Test Date: 11-01-00
Speed: 14.15 FT/SEC, 4.31 M/SEC

1 PY, D00353FI.R11

Ymin = -10.38 G'S @ 0.0356 sec., Ymax = 49.17 G'S @ 0.0225 sec.



MGA RESEARCH CORPORATION
ABDOMINAL COMPRESSION TEST (PRELOAD = 10 LBS)
SIDE IMPACT DUMMY (SID)

Date: 11/1/00
Dummy Serial Number: 272
Test Number: D001354

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	41%
Force @ 12.7 mm	104 – 162	142
Force @ 19 mm	163 – 222	198
Force @ 25.4 mm	222 – 280	261
Force @ 33 mm	325 - 391	367

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



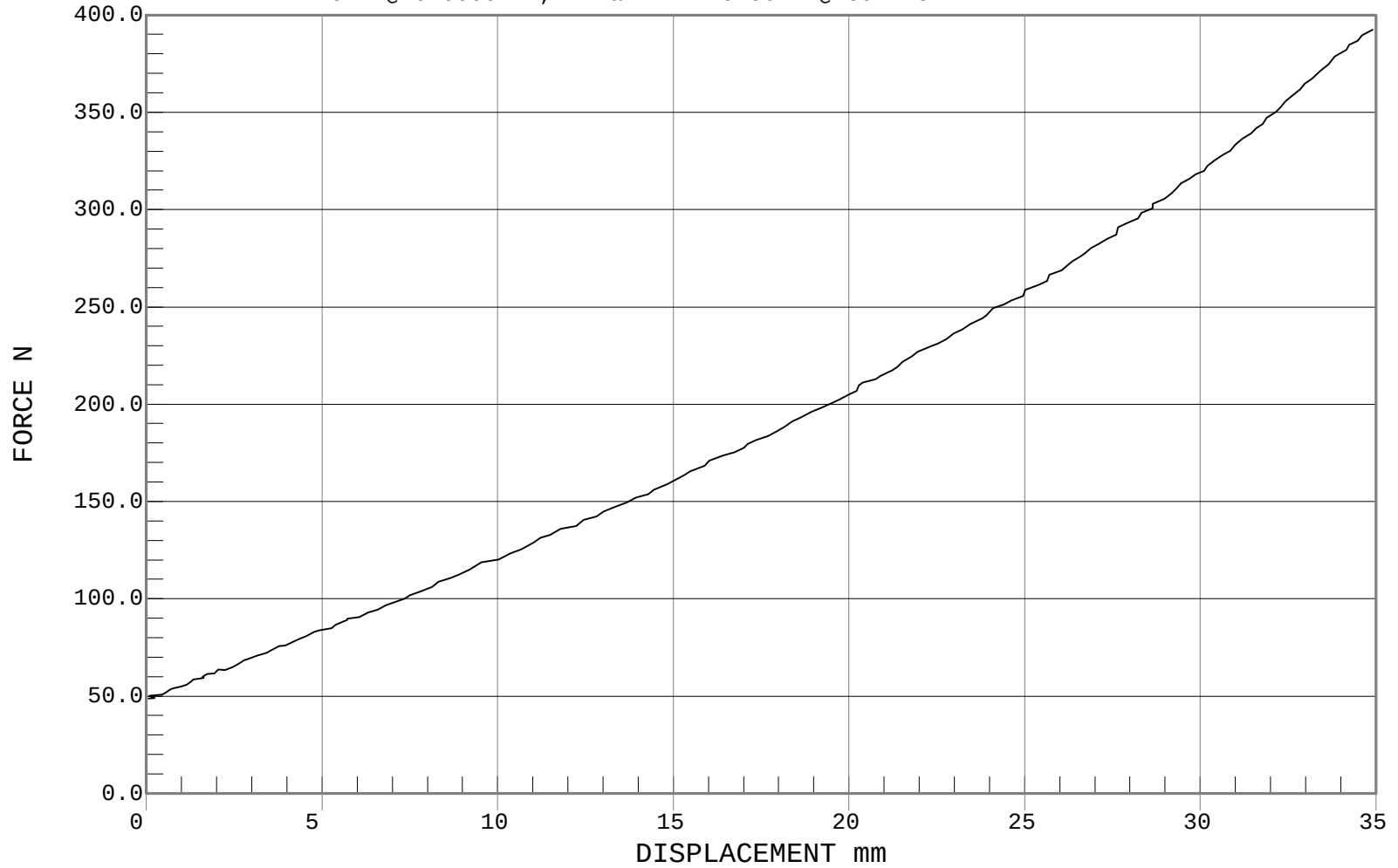
ABDOMEN COMPRESSION

Test Desc.: DUMMY CALIBRATION - ABDOMEN COMPRESSION
Component: DUMMY # 272

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00354FC.F16

Ymin = 0 N @ 0.0000 mm, Ymax = 473.36 N @ 39.2484 mm



MGA RESEARCH CORPORATION

LUMBAR FLEXION TEST

SIDE IMPACT DUMMY (SID)

Date: 11/1/00

Dummy Serial Number: 272

Test Number: D001355

TEST PARAMETER	SPECIFICATION	TEST RESULTS
Temperature (°C)	18.9 – 25.5	21.0°
Relative Humidity (%)	10 – 70	37%
Force @ 0°	0 – 26.7	0
Force @ 20°	97.9 – 151.2	109.7
Force @ 30°	151.2 – 204.6	161.8
Force @ 40°	204.6 – 258.0	258.0
Return Angle	12° maximum	2°

TEST MEETS SPECIFICATIONS

Technician: _____

Approved By: _____



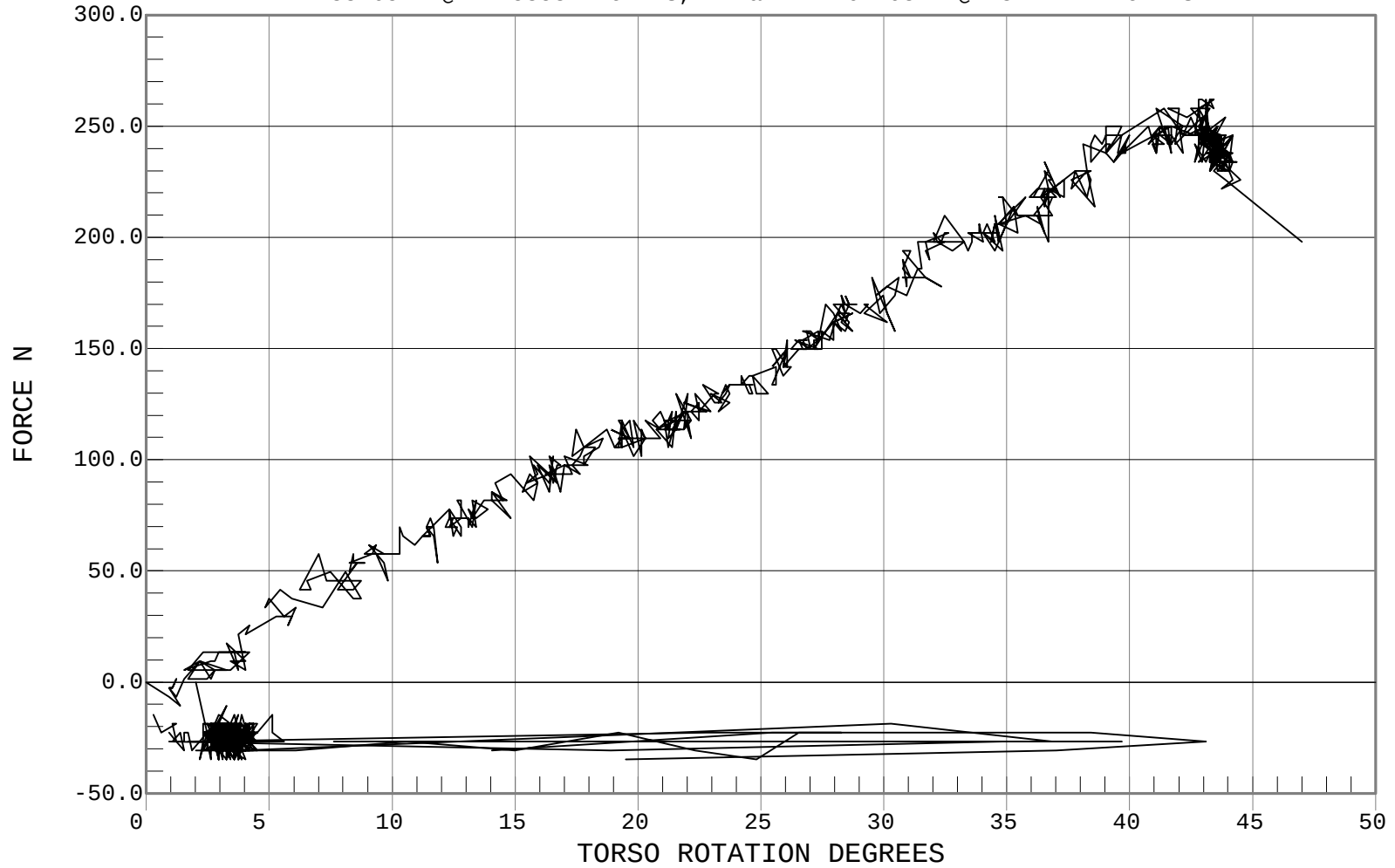
LUMBAR FLEXION

Test Desc.: DUMMY CALIBRATION - LUMBAR FLEXION
Component: DUMMY # 272

Test Date: 11-01-00
Speed: 0.00 FT/SEC, 0.00 M/SEC

1 FORCE, D00355FC.F14

Ymin = -38.65 N @ -1.5853 DEGREES, Ymax = 262.03 N @ 43.4224 DEGREES



DUMMY INSPECTION CHECKLIST

Type: Side Impact Dummy

Dummy Serial Number: 272

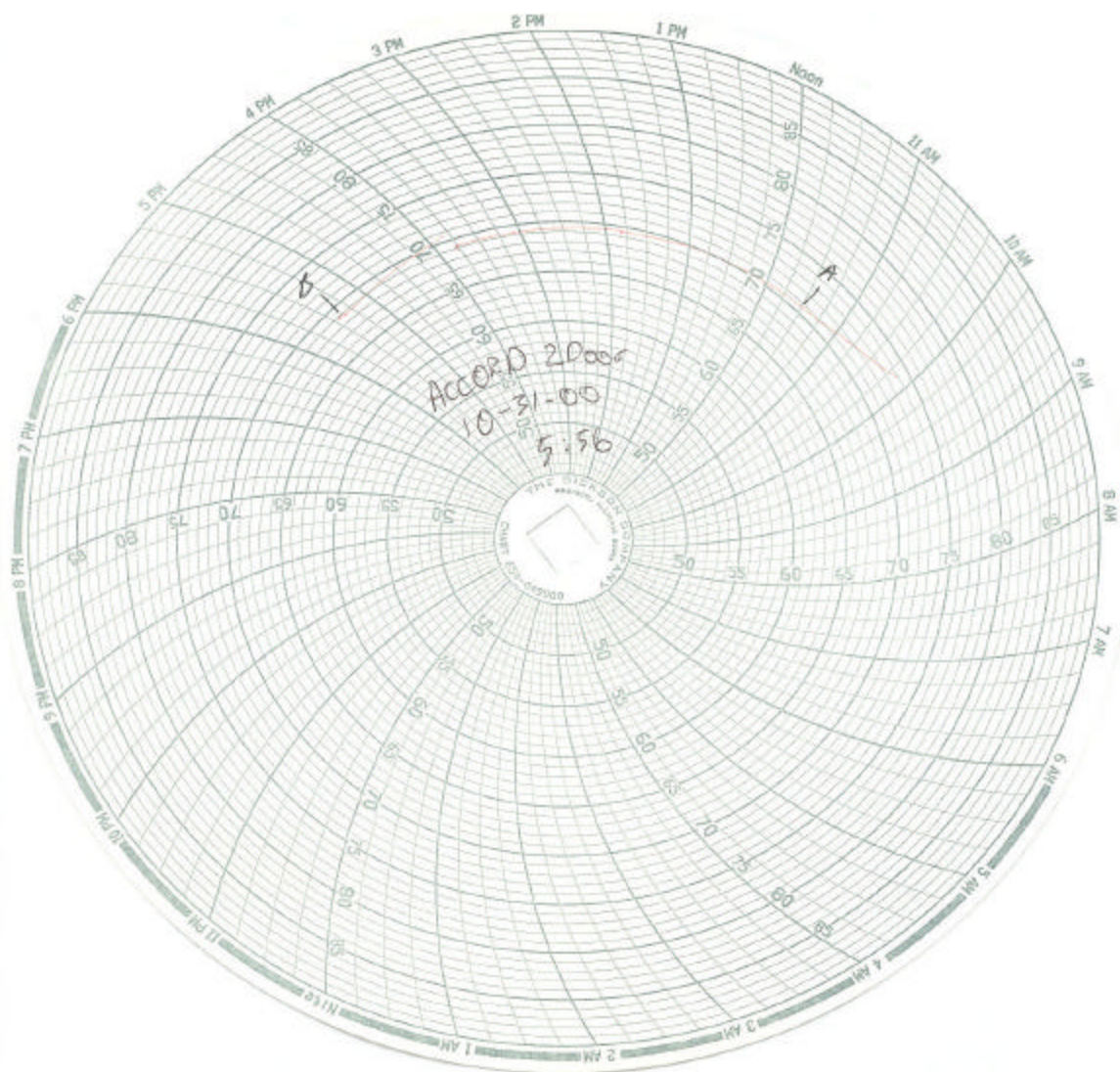
Inspected By: Tim Michnay

Date: 11/1/00

<u>Part</u>	<u>Items Checked</u>	<u>Comments</u>
Skin	visual inspection	OK
Head	visual, ballast, accelerometer mount	OK
Neck	visual	OK
Spine box	visual, ballast, weldment, accelerometer mount	OK
Rib cage	visual, measure	OK
Sternum	visual	OK
Lumbar spine	visual	OK
Abdomen	visual	OK
Pelvis	visual, palpate, accelerometer mount	OK
Upper legs	visual	OK
Knees	visual	OK
Lower legs	visual, range of motion	OK
Ankles	visual, range of motion	OK
Feet	visual, range of motion	OK
Joints	1 to 2 g range	OK
Other		

Notes (include component/problem/action/reason):

VEHICLE AND DUMMY TEMPERATURE



A = Dummies installed in vehicle at 11:30 a.m.

B = Test conducted at 5:55 p.m.

APPENDIX D
TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

DUMMY AND VEHICLE CALIBRATION DATA
INSTRUMENTS FOR DRIVER DUMMY NO. 271

	DRIVER		
	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Upper Rib Y	AHR15	Endevco	9/19/00
Lower Rib Y	AGTB5	Endevco	9/19/00
Lower Spine Y	AJ9P7	Endevco	10/3/00
Pelvis Y	J13884	Endevco	9/19/00
Upper Rib Redundant Y	AHW95	Endevco	9/19/00
Lower Rib Redundant Y	AGTM2	Endevco	9/19/00
Lower Spine Redundant Y	AJ462	Endevco	10/3/00
Pelvis Redundant Y	J14027	Endevco	9/19/00
Head Center of Gravity X	J14896	Endevco	7/7/00
Head Center of Gravity Y	J14771	Endevco	7/7/00
Head Center of Gravity Z	J14774	Endevco	7/7/00

DUMMY AND VEHICLE CALIBRATION DATA
INSTRUMENTS FOR PASSENGER DUMMY NO. 272

	LEFT REAR PASSENGER		
	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Upper Rib Y	AP2D8	Endevco	8/24/00
Lower Rib Y	AH0N9	Endevco	10/3/00
Lower Spine Y	J10431	Endevco	8/29/00
Pelvis Y	J11166	Endevco	9/19/00
Upper Rib Redundant Y	AP2A4	Endevco	8/24/00
Lower Rib Redundant Y	AHT20	Endevco	10/3/00
Lower Spine Redundant Y	AN9E3	Endevco	8/29/00
Pelvis Redundant Y	J11630	Endevco	9/19/00
Head Center of Gravity X	J19173	Endevco	10/3/00
Head Center of Gravity Y	AP0F6	Endevco	10/3/00
Head Center of Gravity Z	J13656	Endevco	10/3/00

VEHICLE INSTRUMENT CALIBRATION

	VEHICLE ACCELEROMETERS		
	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Moving Barrier CG X	E10-F10	Entran	9/12/00
Moving Barrier CG Y	D05-R08	Entran	9/12/00
Moving Barrier CG Z	K16X06	Entran	9/12/00
Moving Barrier Rear Axle X	K19-A15	Entran	7/11/00
Moving Barrier Rear Axle Y	G13-F10	Entran	8/14/00
Left Mid A-Post Y	G01-J14	Entran	7/11/00
Left Lower A-Post Y	G13-F07	Entran	8/15/00
Left Mid B-Post Y	F11-G08	Entran	10/2/00
Left Lower B-Post Y	G01-J18	Entran	8/10/00
Rear Floorpan Above Axle X	G13-F02	Entran	8/14/00
Rear Floorpan Above Axle Y	G13-F15	Entran	8/14/00
Rear Floorpan Above Axle Z	G13-F12	Entran	8/14/00
Driver Seat Track Y	G01-J12	Entran	9/12/00
Right Side Sill at Front Seat X	C14-Z07	Entran	8/15/00
Right Side Sill at Front Seat Y	D06-A03	Entran	8/15/00
Right Side Sill at Front Seat Z	C05-Z13	Entran	8/15/00
Right Side Sill at Rear Seat X	I18-G02	Entran	8/10/00
Right Side Sill at Rear Seat Y	J13-F22	Entran	5/18/00
Right Side Sill at Rear Seat Z	F12-G09	Entran	8/18/00

VEHICLE INSTRUMENT CALIBRATION

	VEHICLE ACCELEROMETERS		
	SERIAL NO	MANUFACTURER	CALIBRATION DATE
Left Side Sill at Front Seat Y	K16-X08	Entran	7/11/00
Left Side Sill at Rear Seat Y	F18-G13	Entran	1/20/00
Right Rear Occupant Compartment Y	C18-G12	Entran	8/8/00
Vehicle CG X	F20-G11	Entran	9/14/00
Vehicle CG Y	G01-J05	Entran	9/14/00
Vehicle CG Z	F11-G09	Entran	9/14/00
Left Front Door on Centerline	E23-R06	Entran	6/2/00
Midrear of Left Front Door	F11-G02	Entran	6/2/00
Left Front Door Upper Centerline	F11-G07	Entran	6/2/00
Midrear of Left Rear Door	K16-X10	Entran	9/12/00
Left Rear Door Upper Centerline	E10-F05	Entran	9/14/00

Note: All Endevco accelerometers are Model No. 7264-2000
All Entran accelerometers are Model No. EGE-72