

**NEW CAR ASSESSMENT PROGRAM
SIDE IMPACT TEST**

**HONDA OF AMERICA
2003 HONDA ACCORD LX
4 DOOR SEDAN**

NHTSA NUMBER: M35309

**Prepared By:
KARCO ENGINEERING, LLC
9270 HOLLY ROAD
ADELANTO, CALIFORNIA 92301**



9/19/03

FINAL REPORT

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Prepared by: _____
Mr. James E. Gorth, Project Engineer
KARCO Engineering, LLC

Date: September 25, 2003

Reviewed by: _____
Mr. Jerry L. Kratzke, Director of Operations
KARCO Engineering, LLC

Date: September 25, 2003

Approved by: _____
Mr. Frank D. Richardson, Program Manager
KARCO Engineering, LLC

Date: September 25, 2003

FINAL REPORT ACCEPTED BY:

Manager, Side Impact NCAP

Date of Acceptance

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16. Abstract A 55/28 km/h 90 deg. Moving Deformable Barrier Side Impact NCAP Test was conducted on the subject 2003 Honda Accord LX 4 Door Sedan in accordance with the specifications of the Office of Crash Worthiness Standards Test Procedures for the generation of consumer information on vehicle side crash protection. The test was conducted at KARCO Engineering, LLC laboratories in Adelanto, California, on September 19, 2003. The impact velocity of the Moving Deformable Barrier was 61.92 km/h, and the outside ambient temperature at the struck (driver's) side of the vehicle was 33.3 deg. C. The target vehicle's maximum post test static crush was 362 mm located at level 2. The test vehicle's occupant performance data is as follows:																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Measurement Description</th> <th style="width: 33%;">Driver SID/HIII</th> <th style="width: 33%;">Pass. SID/HIII</th> </tr> </thead> <tbody> <tr> <td>Left Upper Rib (LUR) G's</td> <td style="text-align: center;">57.1</td> <td style="text-align: center;">54.9</td> </tr> <tr> <td>Left Lower Rib (LLR) G's</td> <td style="text-align: center;">65.1</td> <td style="text-align: center;">63.6</td> </tr> <tr> <td>Lower Spine (T₁₂) G's</td> <td style="text-align: center;">68.9</td> <td style="text-align: center;">49.1</td> </tr> <tr> <td>Thoracic Trauma Index (TTI) G's</td> <td style="text-align: center;">67.0</td> <td style="text-align: center;">56.0</td> </tr> <tr> <td>Pelvis (PEV) G's</td> <td style="text-align: center;">70.7</td> <td style="text-align: center;">59.1</td> </tr> </tbody> </table>		Measurement Description	Driver SID/HIII	Pass. SID/HIII	Left Upper Rib (LUR) G's	57.1	54.9	Left Lower Rib (LLR) G's	65.1	63.6	Lower Spine (T ₁₂) G's	68.9	49.1	Thoracic Trauma Index (TTI) G's	67.0	56.0	Pelvis (PEV) G's	70.7	59.1		
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17. Key Words New Car Assessment Program (NCAP) Side Impact Moving Deformable Barrier (MDB) Side Impact Dummy (SID/HIII)																					
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TABLE OF CONTENTS

<u>Section</u>		<u>Page</u>
1	Purpose and Test Procedure	1
2	Summary of Side Impact Test	2
3	Occupant and Vehicle Information	4

<u>Data Sheet No.</u>		<u>Page</u>
1	General Test and Vehicle Parameter Data	5
2	Test Vehicle Summary of Results	10
3	Moving Deformable Barrier (MDB) Summary of Results	11
4	Post Test Observations	12
5	SID/HIII Injury Criteria and Sensor Data	13
6	Vehicle Pre-Test and Post-Test Measurements	15
7	SID/HIII Longitudinal Clearance Dimensions	16
8	SID/HIII Lateral Clearance Dimensions	17
9	Vehicle Side Measurements	18
10	Vehicle Exterior Crush Profiles	19
11	Vehicle Damage Profile Distances	21
12	Deformable Barrier Honeycomb Face Static Crush	22
13	Vehicle Accelerometer Locations and Data Summary	23
14	MDB Accelerometer Location and Data Summary	25
15	High Speed Camera Locations and Data	26
16	FMVSS 301 Fuel System Integrity Post Impact Data	27
17	FMVSS 301 Static Rollover Data Sheet	28

<u>Appendix</u>		
A	Photographs	A
B	SID/HIII, Vehicle, and MDB Response Data	B
C	SID/HIII Configuration and Performance Verification Data	C
D	Test Equipment List and Calibration Information	D

SECTION 1

PURPOSE and TEST PROCEDURE

1.1 PURPOSE

This Side Impact NCAP test was conducted as part of the FY' 2003 test program sponsored by the National Highway Traffic Safety Administration (NHTSA), under contract No. DTNH22-99-D-02041. The purpose of this test is to generate comparative side impact data on a 2003 Honda Accord Lx 4 Door Sedan manufactured by Honda of America.

1.2 TEST PROCEDURE

The side impact test was conducted in accordance with the current National Highway Traffic Safety Administration (NHTSA), Office of Crashworthiness Standards (OCS), laboratory test procedure NCAP Side Impact Testing, dated July 1997 and the corresponding KARCO Engineering Test Procedure KTP-214D, dated November 18, 1998. The procedures for receiving, inspection, testing, and reporting of test results are described in the test procedures and are not repeated in this report.

SECTION 2

SUMMARY OF SIDE IMPACT TEST

2.1 SUMMARY OF SIDE IMPACT NCAP TEST

A model year 2003 Honda Accord LX 4 Door Sedan was impacted on the left (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 61.92 km/h. The specified impact velocity range is from 61.1 to 62.7 km/h. The test (target) vehicle was stationary and positioned 63° to the line of forward motion. The weight of the vehicle as tested was 1595kg and the test weight of the MDB was 1361 kg. The test was conducted at KARCO Engineering, LLC in Adelanto, California, on September 19, 2003.

SUPPLEMENTAL RESTRAINT INFORMATION

Restraint Type	Left Front (Driver)		Left Rear (Passenger)	
	Installed	Operation	Installed	Operation
Front Airbag	Yes	Not Deployed	No	N/A
Side Torso Airbag	No	N/A	No	N/A
Head Airbag	No	N/A	No	N/A
Curtain Airbag	No	N/A	No	N/A

One (1) real-time motion picture camera and nine (9) high-speed motion picture cameras were used to document the impact event. The pre-test and post-test conditions were recorded by one (1) real-time motion picture camera. Camera locations and pertinent camera information is documented in the data sheets. Pre- and post-test photographs of the vehicle and SID/HIIs can be found in Appendix A. Two 50th percentile adult male Side Impact Dummy's, Hybrid III (SID/HIIs) were placed in the driver's and left rear passenger designated seating positions according to the test procedure. SID/HII instrumentation information can be found in Appendix C. Each SID/HII was instrumented with contact switches on the pelvis, thorax and six-axis neck load cells, and fourteen accelerometers in the following locations:

- Left Upper Rib (LUR) uni-axial accelerometer (Y-axis primary and redundant)
- Left Lower Rib (LLR) uni-axial accelerometer (Y-axis primary and redundant)
- Lower Thoracic Spine (T12) uni-axial accelerometer (Y-axis primary and redundant)
- Pelvic (PEV) section uni-axial accelerometer (Y-axis primary and redundant)
- Head Center of Gravity (CG) tri-axial accelerometers (X, Y, and Z axes primary and redundant)

The test vehicle was instrumented with twenty-five (25) structural accelerometers and the MDB was instrumented with five (5) accelerometers and one (1) contact switch on the right bumper to compare left side to right side bumper impact timing. All data channels were recorded with the fully self contained on-board Data Acquisition System (DAS). The data was digitally sampled at 10,000 samples per second and processed per Appendix V of the Test Procedure.

SECTION 2.....(CONTINUED)

2.2 GENERAL COMMENTS

The test vehicle sustained a maximum static crush of 362 mm at level 2, 1200mm rearward of the left vertical impact point. The driver SID/Hybrid III, Serial No. 274 and the passenger SID/Hybrid III, Serial No. 275 were calibrated just prior to this test. The SID/Hybrid III injury criteria is summarized as follows:

Measurement	Units	Driver	Passenger
Thoracic Trauma Index (TTI)	G's	67.0	56.0
Peak Pelvic G's (PEV)	G's	70.7	59.1

Tests summaries and post-test observations are presented in Section 3. The vehicle, camera, and occupant measurements are presented in Section 4. Appendix A contains the still photograph prints. Appendix B contains the driver and passenger SID/HIIIs, vehicle, and MDB response data traces. Appendix C contains the SID Configuration and performance verification data. Appendix D contains the test equipment information.

SECTION 3

OCCUPANT AND VEHICLE INFORMATION SHEETS

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

CONVERSION FACTORS USED IN THIS REPORT*

Quantity	Typical Application	Std Units	Metric Unit	Multiply By
Mass	Vehicle Weight	lb	kg	0.4536
Linear Velocity	Impact Velocity	mile/h	km/h	1.609
Length or Distance	Measurements	in	mm	25.4
Volume	Fuel Systems	gal	liter	3.785
Volume	Small Fluids	oz	mL	29.573
Pressure	Tire Pressures	lbf/in ²	kPa	7.0
Volume	Liquid	gal	liter	3.785
Temperature	General Use	°F	°C	$=(t_f - 32)/1.8$
Force	Dynamic Forces	lbf	N	4.448
Moment	Torque	lbf/ft	Nm	1.355

* Based on the Recommended Practice in SAE J916, May 85

DATA SHEET NO. 1

GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

TEST VEHICLE INFORMATION AND OPTIONS

NHTSA No.	M35309	Anti-Lock Brakes	Yes
Make	Honda	All Wheel Drive	No
Model	Accord LX	Power Steering	Yes
Body Style	4-Door	Driver Front Airbag	Yes
Vin No.	1HGCM55373A132500	Driver Side Torso Airbag	No
Color	Silver	Driver Side Head Airbag	No
Delivery Date	9/10/03	Driver Curtain Airbag	No
Odometer	78.0	Rear Pass. Airbag	No
Dealer	Valley Hi Toyota Honda	Rear Pass. Side Airbag	No
Transmission	5 Speed Manual	Rear Pass. Head Airbag	No
Final Drive	Front	Rear Pass. Curtain Airbag	No
Type/No. Cyl.	In-Line 4	Pre-Tensioners	No
Engine Disp. (L)	2.4	Load Limiters	No
Engine Placement	Transverse	Bucket Seats	Yes
Roof Rack	No	Air Cond.	Yes
Sunroof/T-Top	No	AM/Fm Cassette	Yes
Tinted Glass	Yes	Tilt Steering	Yes
Traction Control	No	Power Door Locks	Yes
Power Brakes	Yes	Power Windows	Yes
Front Disc	Yes	Power Seats	No
Rear Disc	No	Other	None

DATA FROM CERTIFICATION LABEL

Manufactured By	Honda of America	GVWR (kg)	1851
Date of Manufacture	07/03	GAWR Front (kg)	996
		GAWR Rear (kg)	889

VEHICLE SEATING AND CAPACITY WEIGHT INFORMATION

Measured Parameter	Front	Rear	Third	Total
Type of Seats	Bucket	Bench	None	
Number of Occupants	2	3		5
Capacity Weight (VCW) (kg)				385
Cargo Weight (RCLW) (kg)				45

DATA SHEET NO. 1.....(continued)

GENERAL TEST AND VEHICLE PARAMETER DATA

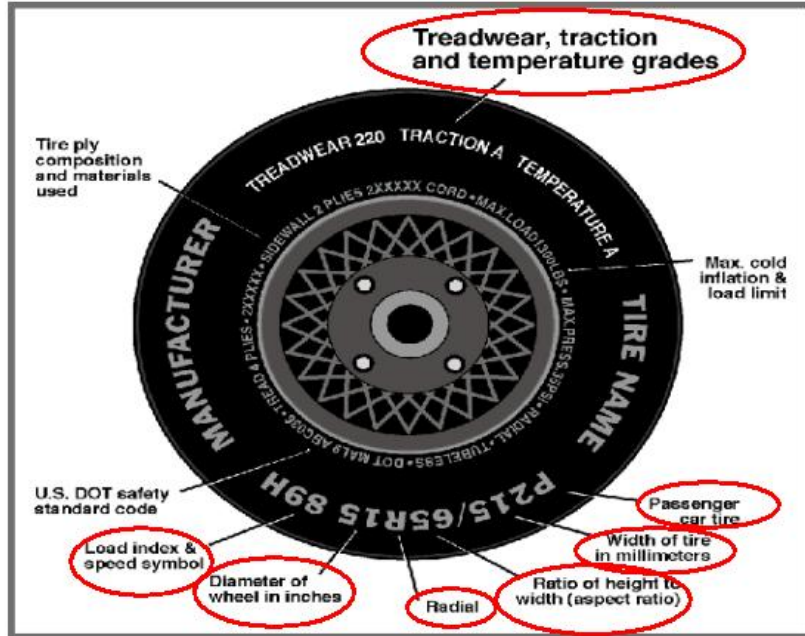
Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

Collect year, make, model, VIN, items circled in red, and tire manufacturer and tire name.



TIRE INFORMATION

Measured Parameter	Front	Rear
Max. Tire Pressure (kpg)	308	308
Cold Pressure (kpg)	210	200
Recommended Tire Size	P205/65R15	P205/65R15
Tire Size on Vehicle	P205/65R15	P205/65R15
Tire Manufacturer	Michelin	Michelin
Treadwear	440	440
Traction	A	A
Temperature Grades	A	A
Tire Plies Sidewall	2	2
Tire Plies Body	2	2
Load Index/Speed Symbol	92H	92H
Tire Material	Polyester/Steel	Polyester/Steel
DOT Safety Code Right	DOTM3PAHAYX2803	DOTM3PAHAYX2803
DOT Safety Code Left	DOTM3PAHAYX2803	DOTM3PAHAYX2803

DATA SHEET NO. 1.....(continued)**GENERAL TEST AND VEHICLE PARAMETER DATA**Test Vehicle: 2003 Honda Accord LX 4 Door SedanNHTSA No.: M35309Test Program: 55/28 km/h 90 Deg. Side Impact NCAPTest Date: 9/19/03**TEST VEHICLE WEIGHTS**

	Units	As Delivered Weights (UWV)			As Tested Weights (ATW)		
		Front Axle	Rear Axle	Total	Front Axle	Rear Axle	Total
Left	kg	412	279		468	366	
Right	kg	433	269		449	312	
Ratio	%	60.7	39.3		57.5	42.5	
Totals	kg	845	548	1393	917	678	1595

TARGET TEST WEIGHT CALCULATION

Measured Parameter	Units	Value
Total Delivered Weight (UWV)	kg	1393
Weight of 2 P572 ATD's	kg	162
Rated Cargo/Luggage Wt. (RCLW)	kg	45
Calculated Vehicle Target Wt. (TVTW)	kg	1600

TEST VEHICLE ATTITUDE AND CG

	Units	LF	RF	LR	RR	CG (aft of front axle)
As Delivered	mm	712	715	695	700	1079
As Tested	mm	699	714	666	682	1166
Fully Loaded	mm	698	714	662	678	

GENERAL TEST VEHICLE DATA

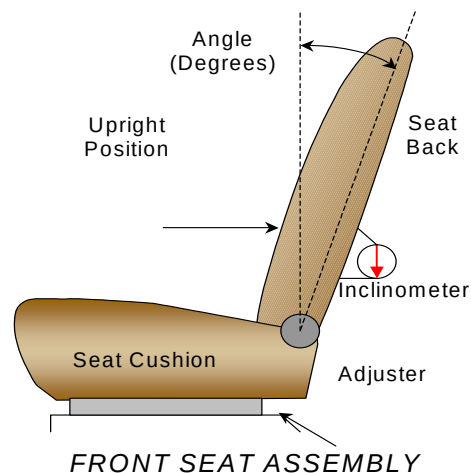
Measurement Description	Units	Value
Test Vehicle Wheel Base	mm	2744
Total Vehicle Length at Left Side	mm	3206
Total Vehicle Length at Centerline	mm	4817
Total Vehicle Length at Right Side	mm	3206
Weight of Ballast In Cargo Area	kg	0
Amount of Stoddard Solvent in Fuel Tank	Liters	59.8
1/3 of Usable Capacity	Liters	21.7

TEST VEHICLE VERTICAL IMPACT LINE DATA

Measurement Description	Units	Value
Test Vehicle Wheel Base	mm	2744
Target Impact Point Aft of Front Axle	mm	432
Actual Impact Point Aft of Front Axle	mm	420

DATA SHEET NO. 1.....(continued)**GENERAL TEST AND VEHICLE PARAMETER DATA**Test Vehicle: 2003 Honda Accord LX 4 Door SedanNHTSA No.: M35309Test Program: 55/28 km/h 90 Deg. Side Impact NCAPTest Date: 9/19/03**NOMINAL DESIGN RIDING POSITION**

The driver and passenger seat backs are positioned to the manufacturers designated angle. The procedure is as follows: A special application tool with pointed probes is inserted through the fabric to make contact with the rigid portion of the lower seat frame assembly, approximately 13 inches above the pivot point of the seat back. An inclinometer is placed against the flat surface of the tool and the seat back angle is measured directly from the dial face.

**SEAT BACK ANGLES**

	Deg.
Driver Seat Back Angle	8.0
Rear Seat Back Angle	23.0

SEAT FORE/AFT POSITIONS

The Drivers seat is adjustable. The fore/aft position is set to the middle.

SEAT FORE/AFT POSITIONING

	Total Fore/Aft Travel	Placed in Position #
Driver Seat	25	13
Rear Seat	0	0

SEAT BELT UPPER ANCHORAGE

Position number one (1) is the uppermost position.

SEAT BELT UPPER ANCHORAGE

	Total # of Positions	Placed in Position #
Driver Seat	4	Uppermost
Rear Seat	N/A	N/A

DATA SHEET NO. 1.....(continued)

GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

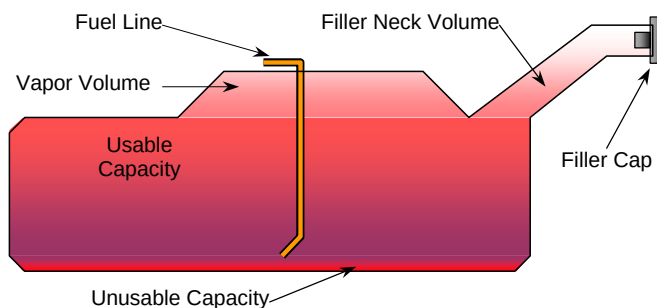
Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

FUEL TANK CAPACITY

	Liters
Usable Capacity of "Standard Tank"	65.1
Usable Capacity of "Optional" Tank	N/A
Usable Capacity used for FMVSS 301	59.9 to 61.2
Actual Amount of Solvent used	60.1
1/3 of Usable Capacity	N/A

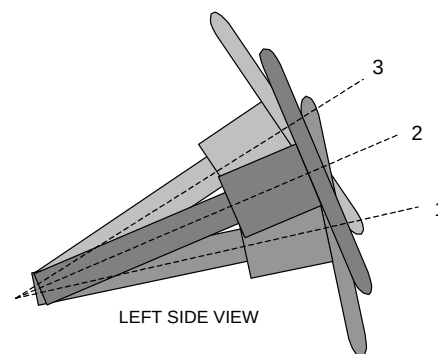
The test vehicle is equipped with an electric fuel pump. The fuel pump will operate for approximately three (3) seconds with the ignition in the "ON" position, after which the fuel pump automatically shuts off. The fuel filler door is located on the left rear fender.



VEHICLE FUEL TANK ASSEMBLY

STEERING COLUMN ADJUSTMENT

Steering wheel and column adjustments are made so that the steering wheel hub is at the geometric center of the locus it describes when moved through its full range of motion. An aluminum plate is placed across the rim of the steering wheel, an inclinometer is placed on the plate and the angle is measured.



STEERING COLUMN ASSEMBLY

STEERING COLUMN POSITIONS

	Degrees
Lowermost position No. 1	20.0
Geometric center position No. 2	23.0
Uppermost position No. 3	26.0

DATA SHEET NO. 2**TEST VEHICLE SUMMARY OF RESULTS**Test Vehicle: 2003 Honda Accord LX 4 Door SedanNHTSA No.: M35309Test Program: 55/28 km/h 90 Deg. Side Impact NCAPTest Date: 9/19/03**TEST VEHICLE WEIGHTS**

	Units	As Delivered Weights (UVW)			As Tested Weights (ATW)		
		Front Axle	Rear Axle	Total	Front Axle	Rear Axle	Total
Left	kg	412	279		468	366	
Right	kg	433	269		449	312	
Ratio	%	60.7	39.3		57.5	42.5	
Totals	kg	845	548	1393	917	678	1595

MAXIMUM EXTERIOR STATIC CRUSH

Level	Measured Parameter	Units	Maximum Crush	Above Ground
Level 1	Sill Top Height	mm	138	224
Level 2	Occupant H-Point	mm	362	516
Level 3	Mid Door	mm	343	601
Level 4	Window Sill	mm	339	876
Level 5	Window top	mm	131	1368
N/A	Maximum Penetration	mm	362	

INSTRUMENTATION

Driver SID/Hybrid III Accelerometers	20
Passenger SID/Hybrd III Accelerometers	20
Vehicle Sturcture Accelerometers	25
MDB Accelerometers	5
Total	70

CAMERA COVERAGE

High Speed, Vehicle On-Board	3
High Speed, Off-Board	4
High Speed, MDB On-Board	1
Real Time, Panning	1
Total	9

DATA SHEET NO. 3**MOVING DEFORMABLE BARRIER (MDB) SUMMARY OF RESULTS**Test Vehicle: 2003 Honda Accord LX 4 Door SedanNHTSA No.: M35309Test Program: 55/28 km/h 90 Deg. Side Impact NCAPTest Date: 9/19/03**MDB SPECIFICATIONS (mm)**

Measurement Description	Length
Overall Width of Framework Carriage	1252
Overall Length including Honeycomb Face	4115
Wheel Base of Framework Carriage	2590
C.G. location aft of Front Axle	1127

MDB WEIGHTS

	Units	Front Axle	Rear Axle	Total
Left	kg	384	308	
Right	kg	385	284	
Ratio	%	56.5	43.5	
Totals	kg	769	592	1361

SPEED AND IMPACT DATA

Measured Parameter	Units	Requirement	Value
Trap No. 1 Velocity (Primary)	km/h	61.1 to 62.7	61.92
Trap No. 2 Velocity (Redundant)	km/h	61.1 to 62.7	61.94
MDB CL to Target Vehicle CL	degrees	88.5 to 91.5	89.5

MAXIMUM STATIC CRUSH OF HONEYCOMB FACE (mm)

Vertical Location			From Centerline		Max. Crush
Row	Description	Height	Distance	Direction	
A	Center of Bumper	432	800	Right	218
B	Top of Bumper	533	800	Right	102
C	Mid Level	686	800	Left	86
D	Top of Stack	813	800	Left	141

MDB INSTRUMENTATION AND CAMERAS

Accelerometers	5
Contact Switches	2
High Speed Cameras	8

DATA SHEET NO. 4

POST TEST OBSERVATIONS

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

TEST DUMMY INFORMATION AND CONTACT POINTS

Description	Front Seat SID/HIII	Rear Seat SID/HIII
Dummy Type / Serial No.	P572F, SID / No. 274	P572F, SID / No. 275
Head Contact	Door Panel/Window	C-Pillar
Upper Torso Contact	Panel	Panel
Lower Torso Contact	Panel	Panel
Left Knee Contact	Panel/Knee	Panel/Knee
Right Knee Contact	Knee	Knee

POST TEST DOOR OPENING AND SEAT TRACK INFORMATION

Description	Front	Rear
Left Side Door Opening	Remained closed/latched, inoperable	Remained closed/latched, inoperable
Right Side Door Opening	Remained closed/ latched, operable	Remained closed/ latched, operable
Seat Movement	None	None
Seat Back Failure	None	None

POST TEST STRUCTURAL OBSERVATIONS

Critical Areas of Performance	Observations and Conclusions
Pillar Performance	Pillars pushed inward with no apparent failure
Sill Separation	No apparent visible failure
Windshield Damage	Glazing cracks on struck side only
Window Damage	Both struck side windows broke
Other Notable Effects	No other significant items to note

SUPPLEMENTAL RESTRAINT SYSTEM INFORMATION

Restraint Type	Left Front (Driver) Occupant Location 01		Left Rear (Passenger) Occupant Location 04	
	Installed	Operation	Installed	Operation
Front Airbag	Yes	No	No	No
Side Airbag	No	N/A	No	N/A
Head Airbag	No	N/A	No	N/A
Curtain Airbag	No	N/A	No	N/A
Seat Belt Pretensioner	No	N/A	No	N/A
Seat Belt Load Limiter	No	N/A	No	N/A

MDB LEFT EDGE IMPACT POINT DATA

Measured Parameter	Units	Requirement	Value
Horizontal Offset	mm	+/- 50	12 left
Vertical Offset	mm	+/- 20	12 below

DATA SHEET NO. 5
HIII/SID INJURY CRITERIA AND SENSOR DATA

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h Side Impact NCAP

Test Date: 9/19/03

THORAX AND PELVIS PEAK ACCELERATIONS, PRIMARY (FIR 100 Filtered)

Location	Axis	Units	Driver				Passenger			
			Max	Time	Min	Time	Max	Time	Min	Time
Upper Rib (LUR)	Y	G's	57.1	30.6	-28.7	71.9	54.9	40.6	-3.2	121.9
Lower Rib (LLR)	Y	G's	65.1	31.3	-24.4	69.4	63.6	40.6	-3.6	183.8
Lower Spine (T ₁₂)	Y	G's	68.9	34.4	-21.0	62.5	49.1	47.5	-15.1	71.3
Pelvis (PEV)	Y	G's	70.7	28.8	-18.7	47.5	59.1	35.6	-5.3	78.8

THORACIC TRAUMA INDEX (TTI) AND PELVIC ACCELERATION, PRIMARY (FIR 100 Filtered)

Location	Driver				Passenger			
	LLR	T ₁₂	TTI(g)	PEV(g)	LLR	T ₁₂	TTI(g)	PEV(g)
Primary Rib, Spine, and Pelvis	65.084	68.931	67	71	63.609	49.107	56	59

THORAX AND PELVIS PEAK ACCELERATIONS, REDUNDANT (FIR 100 Filtered)

Location	Axis	Units	Driver				Passenger			
			Max	Time	Min	Time	Max	Time	Min	Time
Upper Rib (LUR)	Y	G's	56.1	30.6	-28.8	71.3	55.2	40.6	-3.0	186.9
Lower Rib (LLR)	Y	G's	64.8	31.9	-25.4	69.4	63.7	40.6	-3.5	183.8
Lower Spine (T ₁₂)	Y	G's	69.2	34.4	-21.2	62.5	49.0	47.5	-15.5	70.6
Pelvis (PEV)	Y	G's	70.7	28.1	-18.9	47.5	59.1	35.6	-5.4	78.8

THORACIC TRAUMA INDEX (TTI) AND PELVIC ACCELERATION, REDUNDANT (FIR 100 Filtered)

Location	Driver				Passenger			
	LLR	T ₁₂	TTI(g)	PEV(g)	LLR	T ₁₂	TTI(g)	PEV(g)
Redundant Rib, Spine, and Pelvis	64.827	69.207	67	71	63.720	48.990	56	59

Positive Acceleration Polarities:

- Longitudinal (X) = Forward
- Lateral (Y) = Right
- Vertical (Z) = Down

DATA SHEET NO. 5...(continued)
IIII/SID INJURY CRITERIA AND SENSOR DATA

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h Side Impact NCAP

Test Date: 9/19/03

HEAD PRIMARY PEAK ACCELERATIONS (SAE CLASS 1000 Filtered)

Location	Axis	Units	Driver				Passenger			
			Max	Time	Min	Time	Max	Time	Min	Time
Head CG	X	G's	10.9	185.3	-35.9	79.5	6.8	188.4	-15.7	49.6
Head CG	Y	G's	60.9	77.2	-8.6	35.0	91.7	54.3	-6.1	43.1
Head CG	Z	G's	74.4	55.4	-3.0	42.0	19.6	49.7	-40.8	60.9
Head CG Resultant	N/A	G's	79.2	54.8			93.7	49.7		

HEAD PRIMARY INJURY CRITERIA (SAE CLASS 1000 Filtered)

Location	Driver				Passenger			
	HIC	T ¹	T ²	Avg G	HIC	T ¹	T ²	Avg G
Head CG	881.9	47.9	83.8	57.0	514.5	48.5	61.5	68.8

HEAD REDUNDANT PEAK ACCELERATIONS (SAE CLASS 1000 Filtered)

Location	Axis	Units	Driver				Passenger			
			Max	Time	Min	Time	Max	Time	Min	Time
Head CG	X	G's	11.3	182.5	-35.8	79.4	7.7	189.3	-15.7	49.6
Head CG	Y	G's	61.5	77.0	-8.2	33.7	93.3	54.3	-6.8	43.8
Head CG	Z	G's	74.8	55.2	-2.8	41.4	18.5	49.3	-40.8	58.8
Head CG Resultant	N/A	G's	80.7	55.2			93.9	54.3		

HEAD REDUNDANT INJURY CRITERIA (SAE CLASS 1000 Filtered)

Location	Driver				Passenger			
	HIC	T ¹	T ²	Avg G	HIC	T ¹	T ²	Avg G
Head CG	890.0	47.6	83.5	57.2	511.8	48.5	61.5	68.7

UPPER NECK PEAK FORCES AND MOMENTS

Location	Axis	Units	Driver				Passenger			
			Max	Time	Min	Time	Max	Time	Min	Time
Neck Force	X	Newtons	154.4	178.8	-957.5	73.6	650.1	62.4	-111.7	114.2
Neck Force	Y	Newtons	969.8	80.6	-367.5	34.2	141.9	151.2	-707.8	62.2
Neck Force	Z	Newtons	3370.1	55.5	-110.9	8.0	526.8	39.6	-1775.4	59.6
Neck Force Resultant	N/A	Newtons	3452.6	55.5			1986.8	60.8		
Neck Moment	X	N•m	91.4	73.0	-88.0	45.7	11.3	159.7	-108.0	54.3
Neck Moment	Y	N•m	26.7	80.6	-34.1	50.5	12.6	123.4	-47.6	68.6
Neck Moment	Z	N•m	26.6	74.8	-13.8	44.6	16.0	90.6	-14.8	58.1
Neck Moment Res.	N/A	N•m	95.4	73.0			109.3	54.3		

DATA SHEET NO. 6

VEHICLE PRE-TEST AND POST-TEST MEASUREMENTS

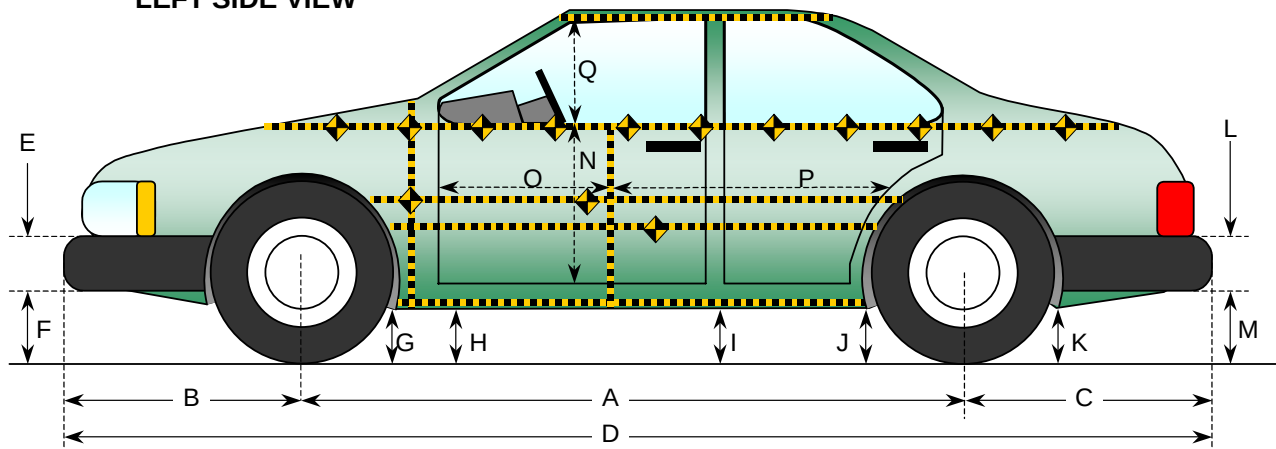
Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

LEFT SIDE VIEW



VEHICLE PRE AND POST TEST MEASUREMENT INFORMATION

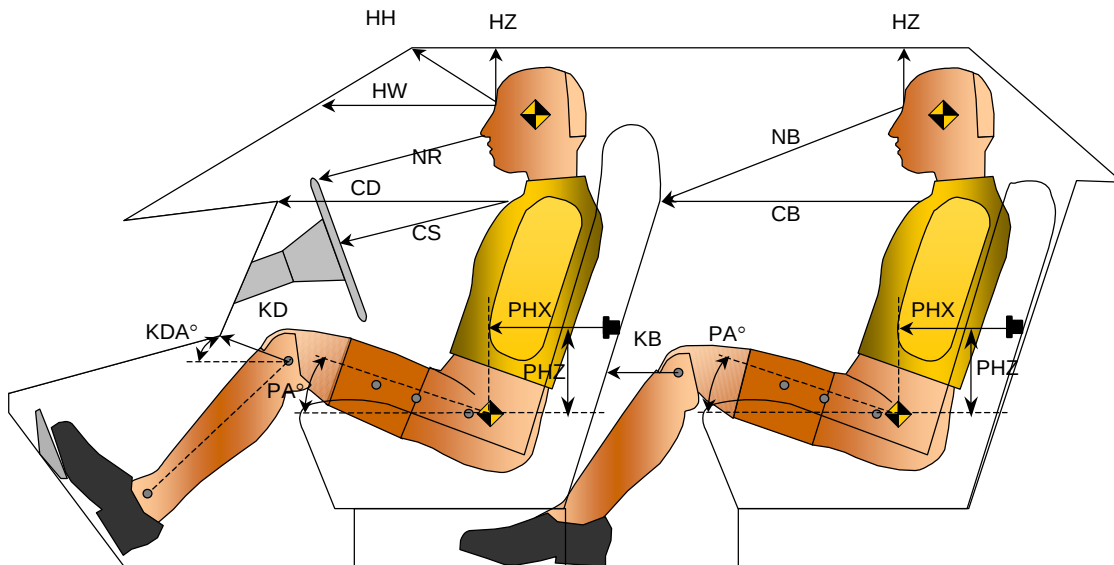
Code	Measurement Description	Pre-Test	Post-Test	Difference
A	Wheelbase	2744	2710	-34
B	Front Axle to FSOV	993	1002	9
C	Rear Axle to RSOV	1086	1100	14
D	Total Length at Centerline	4817	4802	-15
E	Front Bumper Thickness	387	387	0
F	Front Bumper Bottom to Ground	198	229	31
G	Sill Height at Front Wheel Well	178	199	21
H	Sill Height at Front Door Leading Edge	180	216	36
I	Sill Height at "B" Pillar	180	239	59
J1	Sill Height at Rear Wheel Well	181	196	15
J2	Pinch Weld Height at Rear Wheel Well	175	188	13
K	Sill Height aft of Rear Wheel Well	236	281	45
L	Rear Bumper Thickness	282	282	0
M	Rear Bumper Bottom to Ground	284	246	-38
N	Sill Height to Window Bottom Sill	656	539	-117
O	Front Door Leading Edge to Impact CL	840	760	-80
P	Rear Door Trailing Edge to Impact CL	1470	1024	-446
Q	Front Window Opening	415	395	-20
R	Right Side Length	3206	3310	104
S	Left Side Length	3206	3160	-46
T	Vehicle Width at "B" Post	1804	1560	-244

DATA SHEET NO. 7

SID/HIII LONGITUDINAL CLEARANCE DIMENSIONS

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan
 Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

NHTSA No.: M35309
 Test Date: 9/19/03



LONGITUDINAL CLEARANCE DIMENSION INFORMATION

Driver Code	Pass. Code	Measurement Description	Driver		Passenger	
			Length(mm)	Angle	Length(mm)	Angle
HH		Head to Header	398	15		
HW		Head to Windshield	645	0		
HZ	HZ	Head to Roof	198		193	90
NR	NB	Nose to Rim/Nose to Seatback	436	16	682	17
CD	CB	Chest to Dash or Seatback	520	9	612	2
CS		Chest to Steering Wheel	293	0		
KDL	KBL	Left Knee to Dash or Seatback	170	2	250	16
KDR	KBR	Right Knee to Dash or Seatback	150		255	
PA	PA	Pelvic Angle		24		25
PHX	PHX	H-Point to Striker (X-Axis)	235		360	
PHZ	PHZ	H-Point to Striker (Z-Axis)	128		323	

DATA SHEET NO. 8

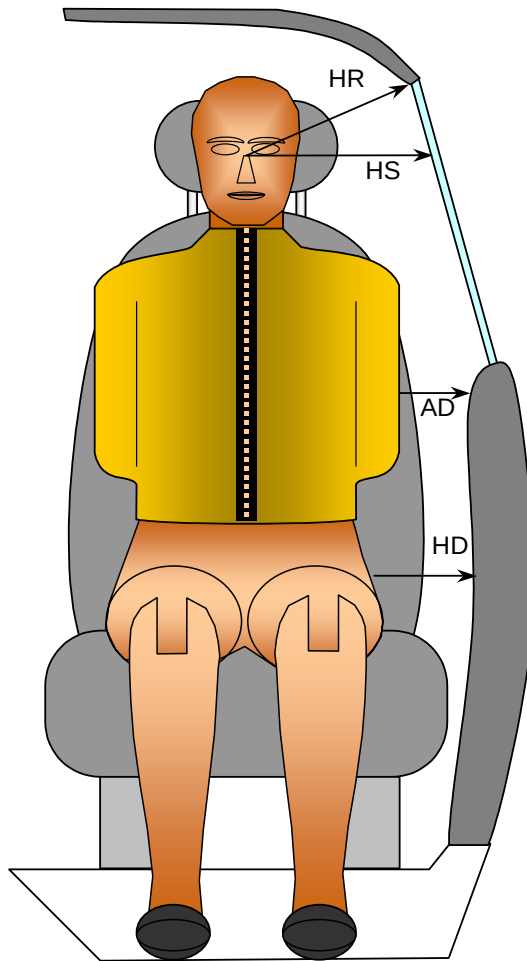
SID/HII LATERAL CLEARANCE DIMENSIONS

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03



FRONT VIEW OF DUMMY

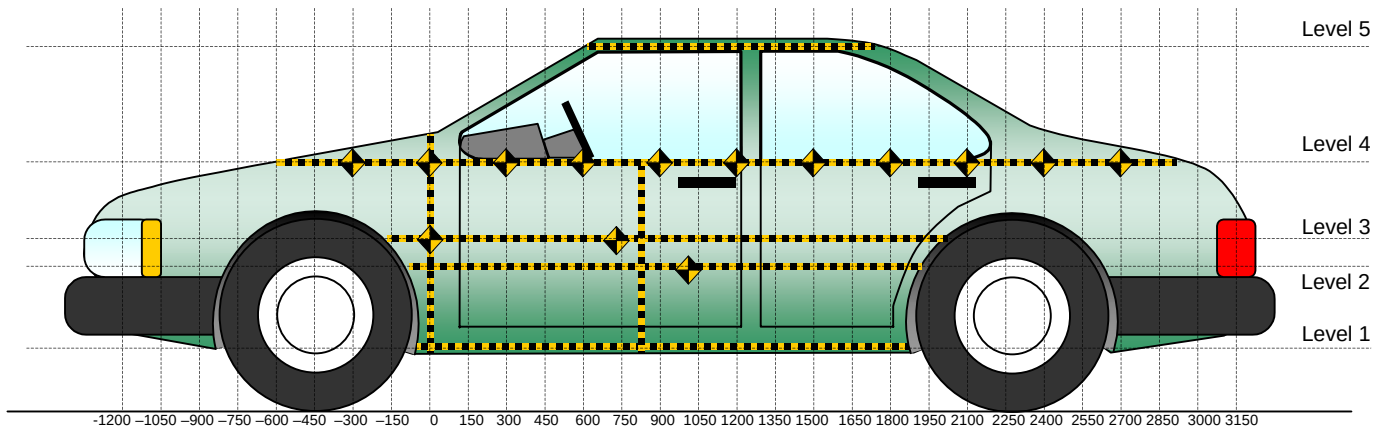
LATERAL CLEARANCE DIMENSION INFORMATION

Code	Measurement Description	Units	Driver	Passenger
HR	Head to Side Header	mm	245	260
HS	Head to Side Window	mm	230	328
AD	Arm to Door	mm	125	95
HD	H-Point to Door	mm	152	140

DATA SHEET NO. 9
VEHICLE SIDE MEASUREMENTS

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan
 Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

NHTSA No.: M35309
 Test Date: 9/19/03



All Measurements Shown in mm

LEFT SIDE VIEW

Measurements are taken with vehicle in the as tested condition.

Measurements taken 900mm right of impact reference.

All measurements below in mm.

Level	Measurement Description	Height Above Ground
1	Sill Top	224
2	Occupant H-Point	516
3	Mid Door	601
4	Window Sill	876
5	Window Top	1368

DATA SHEET NO. 10

VEHICLE EXTERIOR CRUSH PROFILES

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

	Pre-Test					Post-Test					Difference				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
-900															
-750															
-600															
-450															
-300															
-150		597	591	686			647	632	724			50	41	38	
0	632	601	596	678		689	838	643	731		57	237	47	53	
150	646	604	595	672		742	908	817	739		96	304	222	67	
300	647	603	593	657		741	922	866	806		94	319	273	149	
450	646	601	589	654		754	929	876	869		108	328	287	215	
600	647	600	586	645		761	934	889	894		114	334	303	249	
750	645	601	586	641	907	774	938	884	902	981	129	337	298	261	74
900	646	601	586	638	897	780	948	886	910	1010	134	347	300	272	113
1050	646	602	586	635	887	784	941	896	916	1013	138	339	310	281	126
1200	649	604	586	632	882	784	966	905	912	1013	135	362	319	280	131
1350	649	608	588	631	886	774	953	918	950	1006	125	345	330	319	120
1500	646	610	590	632	881	754	920	930	971	996	108	310	340	339	115
1650	651	611	591	633	883	733	871	934	934	985	82	260	343	301	102
1800	654	611	591	634	886	726	783	911	907	971	72	172	320	273	85
1950	654	612	591	637	889	723	782	759	824	966	69	170	168	187	77
2100				639	890				746	958				107	68
2250				642					689					47	
2400				648					721					73	
2550															
2700															
2850															
3000															

Measurements are taken from fixed reference 1000mm from vehicle CL.

DATA SHEET NO. 10.....(CONTINUED)

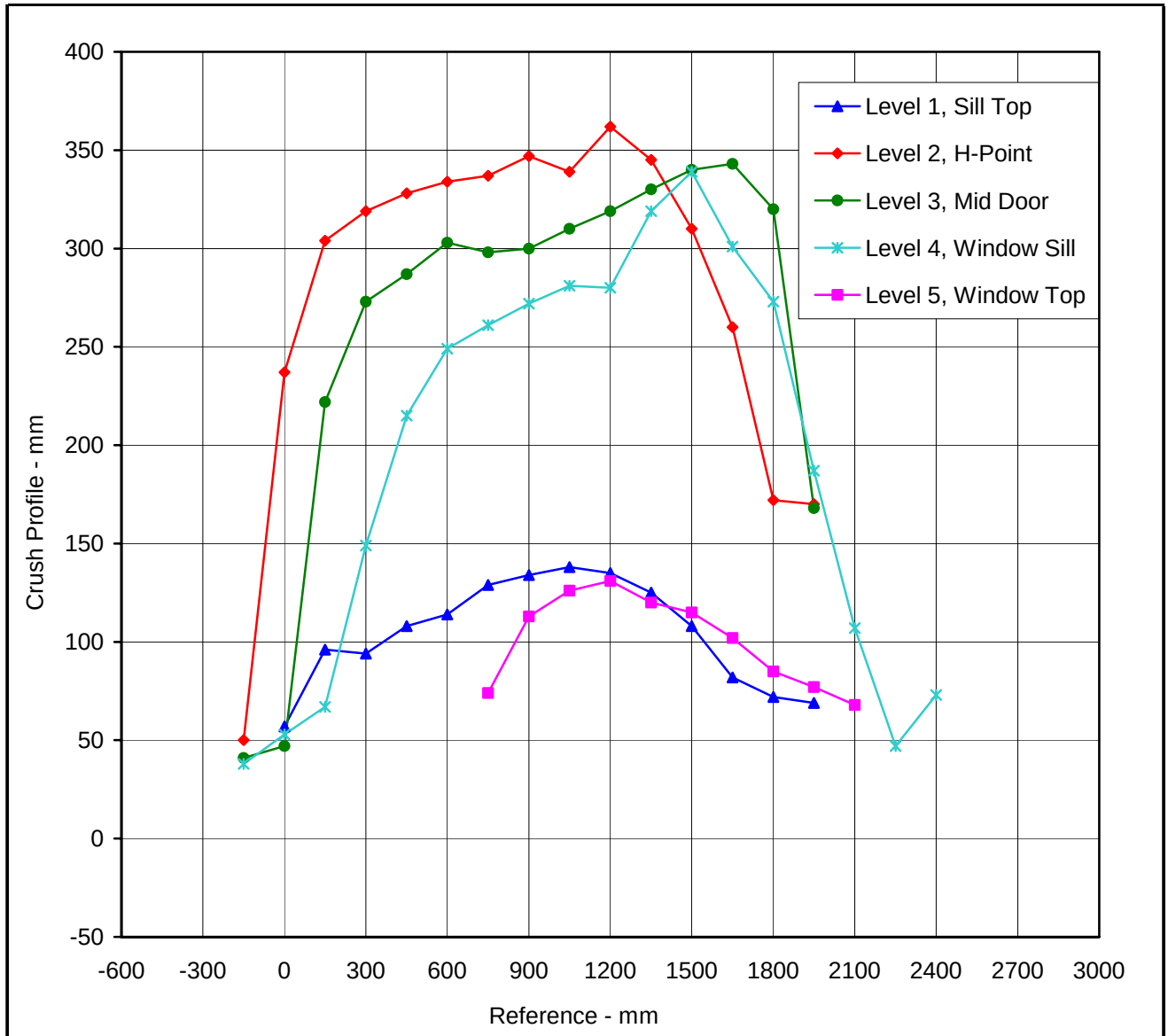
VEHICLE EXTERIOR CRUSH PROFILES

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03



	Units	Level 1	Level 2	Level 3	Level 4	Level 5
Maximum Crush	mm	138	362	343	339	131
Distance from Impact	mm	1050	1200	1650	1500	1200

DATA SHEET NO. 11

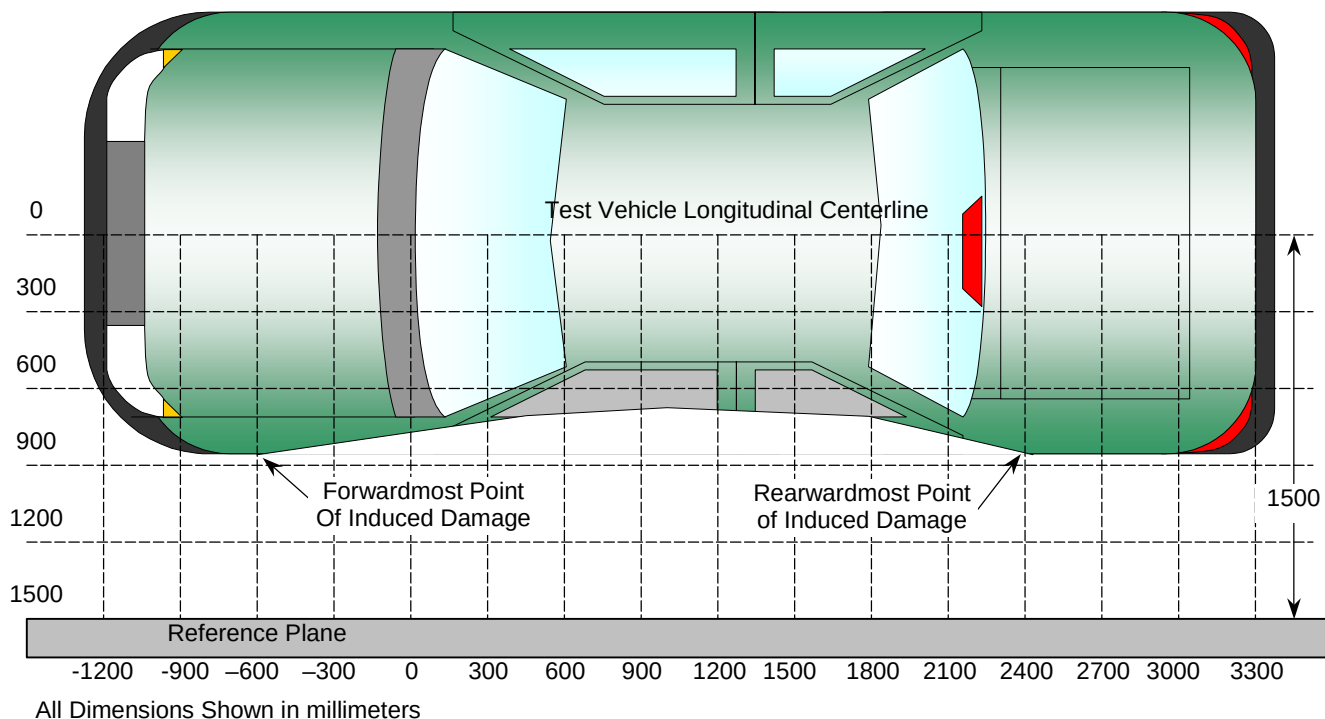
VEHICLE DAMAGE PROFILE DISTANCES

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03



TOP VIEW

DAMAGE PROFILE DISTANCES

DPD	Distance From Impact Point in mm	Level	Pre-Test (mm)	Post-Test (mm)	Max. Static Crush (mm)
1	-150	2	597	647	50
2	450	2	601	929	328
3	1050	2	602	941	339
4	1500	3	590	930	340
5	1950	4	637	824	187
6	2400	4	648	721	73

DATA SHEET NO. 12

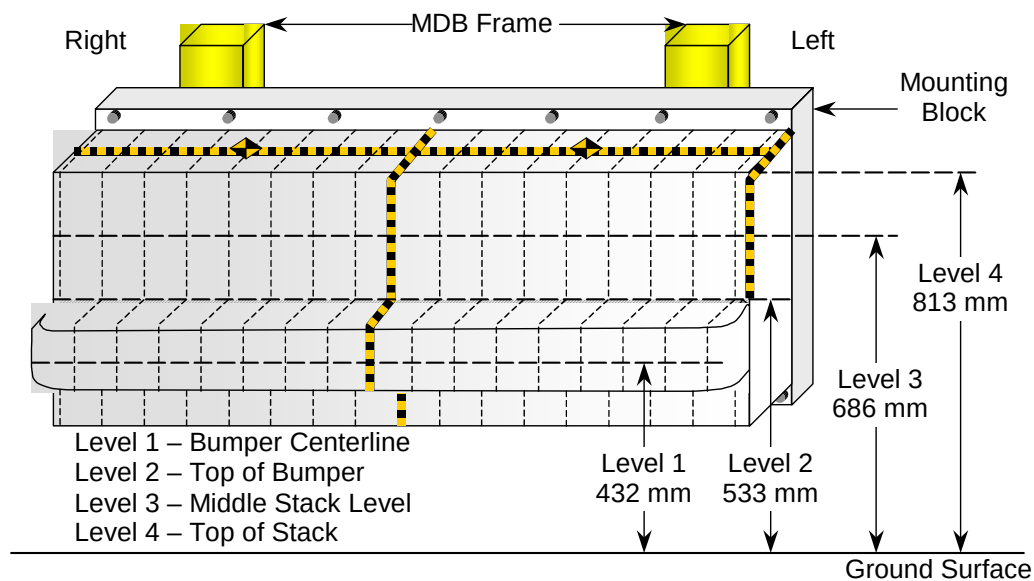
DEFORMABLE BARRIER HONEYCOMB FACE STATIC CRUSH

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03



DEFORMABLE BARRIER STATIC CRUSH

Stack Level	Distance Right of Center								C/L	Distance Left of Center							
	800	700	600	500	400	300	200	100		0	100	200	300	400	500	600	700
1	218	188	160	139	128	122	116	115	115	111	111	110	108	111	119	130	148
2	102	82	62	51	46	43	41	32	33	40	40	40	40	41	44	53	68
3	40	15	4	1	1	18	28	12	9	6	6	9	14	20	33	61	86
4	53	21	-7	-12	-12	8	36	21	8	4	5	6	9	20	54	100	141

All Dimensions in mm

DATA SHEET NO. 13

VEHICLE ACCELEROMETER LOCATION AND DATA SUMMARY

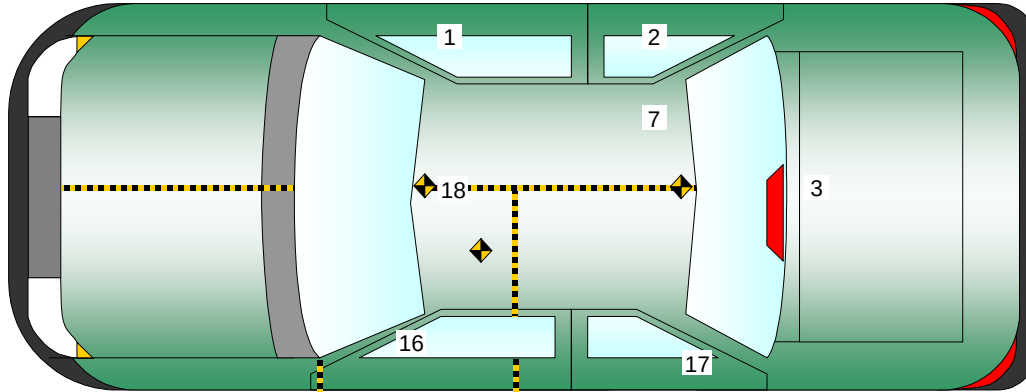
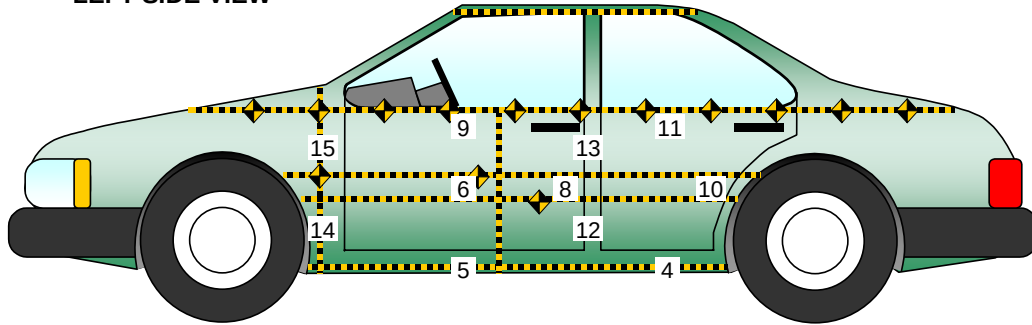
Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

LEFT SIDE VIEW



No.	Location
1	Right Sill at Front Seat
2	Right Sill at Rear Seat
3	Rear Floorpan Above Axle
4	Left Sill at Rear Door
5	Left Sill at Front Door
6	Left Front Door Centerline
7	Right Rear Occupant Compartment
8	Left Front Door Mid-Rear
9	Left Front Door Upper Centerline

No.	Location
10	Left Rear Door Mid-Rear
11	Left Rear Door Upper Centerline
12	Left Lower B-Post
13	Left Middle B-Post
14	Left Lower A-Post
15	Left Middle A-Post
16	Front Seat Track
17	Rear Seat Track or Structure
18	Vehicle CG

DATA SHEET NO. 13
VEHICLE ACCELEROMETER LOCATION AND DATA SUMMARY

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h Side Impact NCAP

Test Date: 9/19/03

VEHICLE ACCELEROMETER PEAK DATA AND PRE-TEST LOCATIONS

Loc. No.	Accelerometer Location	Measurements (mm)			Peak Values (G's)				
		X	Y	Z	Axis	Max	Time	Min	Time
1	Right Sill at Front Seat	2825	675	355	X	4.1	66.0	-5.9	16.3
					Y	20.9	7.6	-1.9	148.4
					Z	5.3	49.1	-5.7	15.6
					RES	21.0	7.6		
2	Right Sill at Rear Seat	1825	745	355	X	3.4	65.8	-7.1	16.1
					Y	18.8	8.3	-2.6	84.7
					Z	7.3	33.9	-6.7	12.5
					RES	19.6	18.6		
3	Rear Floorpan Above Axle	820	0	340	X	4.2	64.8	-4.2	21.5
					Y	23.0	24.4	-1.7	106.6
					Z	5.5	44.0	-5.9	17.6
					RES	23.3	24.4		
4	Left Sill at Rear Door	1890	-680	86	Y	51.3	14.2	-33.7	17.9
5	Left Sill at Front Door	2570	-680	86	Y	33.3	7.5	-20.0	20.3
6	Front Door Centerline	2695	-770	590	Y	195.4	5.9	-65.7	11.8
7	Rt. Rear Occ. Compartment	2180	425	290	Y	22.3	7.9	-2.4	84.5
8	Front Door Mid-Rear	2650	-760	695	Y	143.6	5.0	-44.9	31.4
9	Front Door Upper Centerline	2695	-775	860	Y	182.9	15.9	-89.1	25.6
10	Rear Door Mid-Rear	1720	-780	640	Y	113.0	9.9	-69.0	26.0
11	Rear Door Upper Centerline	1750	-770	910	Y	143.5	16.3	-85.9	30.2
12	B-Post Lower	2200	-760	490	Y	102.1	4.9	-37.6	32.2
13	B-Post Middle	2200	-755	840	Y	132.6	4.5	-24.5	31.8
14	A-Post Lower	3300	-805	480	Y	139.4	3.8	-31.5	14.4
15	A-Post Middle	3300	-805	720	Y	59.2	3.4	-11.0	20.8
16	Front Seat Track	2700	-560	340	Y	48.1	18.0	-17.9	22.1
17	Rear Seat Structure				Y				
18	Vehicle CG	3090	240	200	X	2.1	65.9	-3.9	17.2
					Y	17.9	7.8	-2.0	147.7
					Z	10.7	20.0	-5.9	26.4
					RES	20.2	20.0		

1.) Not installed

DATA SHEET NO. 14

MDB ACCELEROMETER LOCATION AND DATA SUMMARY

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h Side Impact NCAP

Test Date: 9/19/03

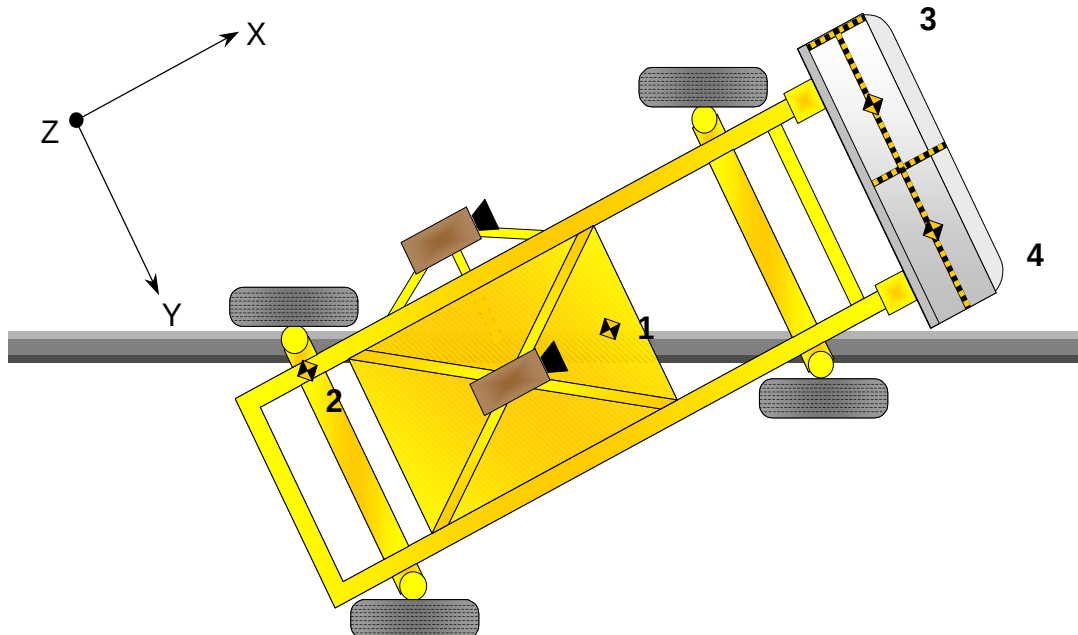
MDB ACCELEROMETER PEAK DATA AND LOCATIONS

Loc. No.	Accelerometer Location	Measurements (mm)			Peak Values (G's)				
		X	Y	Z	Axis	Max	Time	Min	Time
1	MDB CG	-1195	0	430	X	1.5	112.0	-18.3	38.0
					Y	1.7	81.7	-5.5	31.6
					Z	10.3	155.0	-13.7	144.5
					RES	21.1	34.6		
2	MDB Rear	-2642	-593	608	X	2.1	104.5	-20.2	36.5
					Y	2.6	159.6	-4.2	24.9

Reference Points X - MDB Front Axle Y - MDB Centerline Z - Ground Plane

MDB BUMPER CONTACT SWITCH DATA

Loc. No.	Contact Switch Location	Units	Peak and 50% Crossing Point			
			Max	Time	50%	Time
3	MDB Left Bumper (T=0)	% F.S	100.0	0.0	50.0	0.0
4	MDB Right Bumper	% F.S.	103.5	6.2	50.0	-0.5



DATA SHEET NO. 15

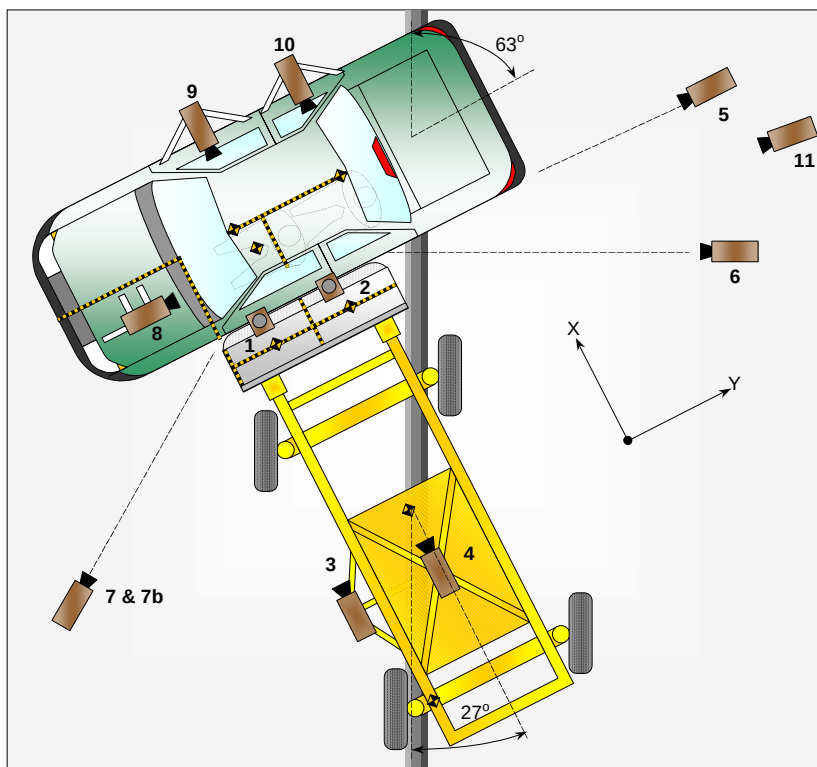
HIGH SPEED CAMERA LOCATIONS AND DATA

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03



No.	Camera View	Location (mm)			Angle (deg.)	Lens (mm)	Film Speed (fps)
		X	Y	Z			
1	Overhead Overall	2438	609	5486	80	6	DNR
2	Overhead Close-up	1676	-1067	5486	90	35	1010
3	Impact Point	0	-2134	1143	7	13	DNR
4	Side Overall	838	-3912	1829	11	13	No time
5	Rear	15545	228	1371	1	35-80	980
6	Left Rear	16459	-7188	939	1	80	No time
7	Left Front	-4775	-266	1443	7	13	DNR
7B	Left Front	-5080	-3531	1524	7	17	No time
8	Driver Front	-381	483	1397	11	19	860
9	Driver Side	762	1727	919	7	6	1010
10	Rear Passenger	1524	1727	919	7	6	1040
11	Real Time	22860	3658	1727	5	17-70	24

X = Barrier Face Y = Monorail Centerline Z = Ground DNR = Did Not Run

DATA SHEET NO. 16

FMVSS 301 FUEL SYSTEM INTEGRITY POST IMPACT DATA

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan NHTSA No.: M35309
Test Program: 55/28 km/h 90 Deg. Side Impact NCAP Test Date: 9/19/03

Test Time: 12:20 PM Temperature: 33.3 Deg. C.

Stoddard Solvent Spillage Measurements

- A. From impact until vehicle motion ceases: 0.0 oz.
(Maximum Allowable = 1 ounce)
- B. For the 5 minute period after motion ceases: 0.0 oz.
(Maximum Allowable = 5 ounces)
- C. For the following 25 minutes: 0.0 oz.
(Maximum Allowable = 1 oz./minute)
- D. Spillage Details: No leakage occurred

DATA SHEET NO. 17

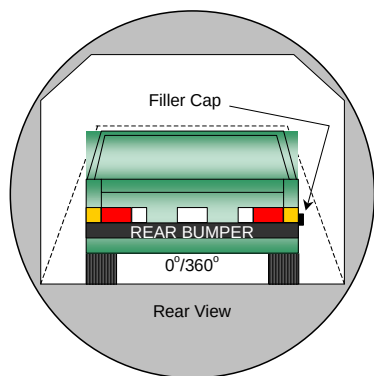
FMVSS 301 STATIC ROLLOVER DATA SHEET

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

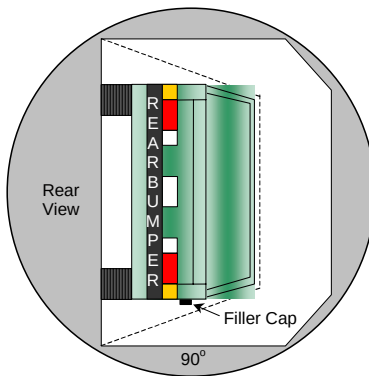
NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

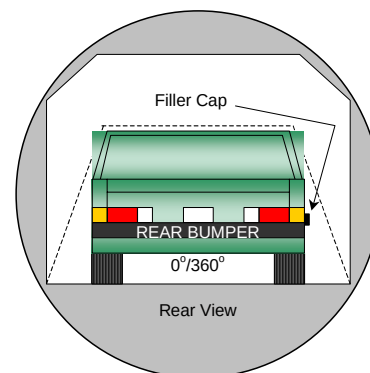
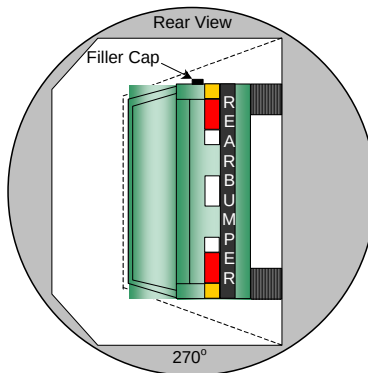
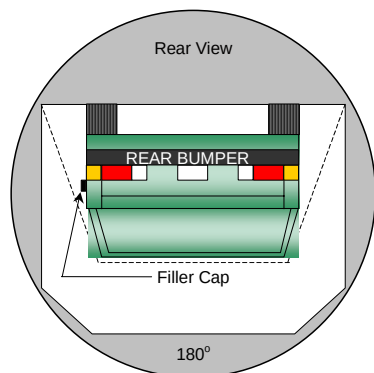
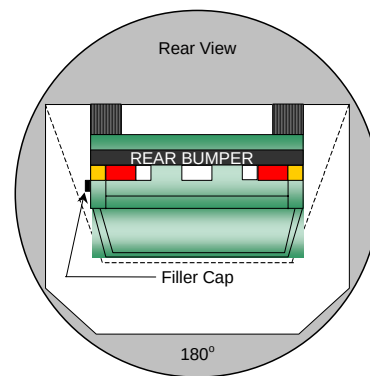
Test Date: 9/19/03



0° TO 90°



90° TO 180°



1. The specified fixture rollover rate for each 90° of rotation is 60 to 120 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.

DATA SHEET NO. 17.....(CONTINUED)

FMVSS 301 STATIC ROLLOVER DATA SHEET

Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

NHTSA No.: M35309

Test Program: 55/28 km/h 90 Deg. Side Impact NCAP

Test Date: 9/19/03

SOLVENT COLLECTION TIME TABLE IN SECONDS

Test Phase	Rotation Time	Hold Time	Total Time
0° to 90°	84	300	384
90° to 180°	77	300	377
180° to 270°	78	300	378
270° to 360°	79	300	379

FMVSS 301 SPILLAGE TABLE REQUIREMENT (oz.)

First 5 Minutes	5.0
Sixth Minute	1.0
Seventh Minute	1.0
Eighth Minute	1.0

Test Phase	First 5 Minutes	Sixth Minute	Seventh Minute	Eighth Minute
0° to 90°	0	0	0	0
90° to 180°	0	0	0	0
180° to 270°	0	0	0	0
270° to 360°	0	0	0	0

SOLVENT SPILLAGE LOCATION TABLE

Test Phase	Spillage Location
0° to 90°	None
90° to 180°	None
180° to 270°	None
270° to 360°	None

APPENDIX A
PHOTOGRAPHS

LIST OF PHOTOGRAPHS

Figure		Page
A-1	Left Front as Received	A-1
A-2	Right Rear as Received	A-2
A-3	Vehicle Certification Label	A-3
A-4	Vehicle Tire Label	A-4
A-5	Front View, Pre-test	A-5
A-6	Front View, Post-Test	A-6
A-7	Left Front $\frac{3}{4}$ View, Pre-Test	A-7
A-8	Left Front $\frac{3}{4}$ View, Post -Test	A-8
A-9	Left (Impacted) Side View, Pre-Test	A-9
A-10	Left (Impacted) Side View, Post-Test	A-10
A-11	Left Rear $\frac{3}{4}$ View, Pre-Test	A-11
A-12	Left Rear $\frac{3}{4}$ View, Post Test	A-12
A-13	Rear View, Pre-Test	A-13
A-14	Rear View, Post-Test	A-14
A-15	Overhead Overall View, Pre-Test	A-15
A-16	Overhead Overall View, Post-Test	A-16
A-17	Overhead Close-up View, Pre-Test	A-17
A-18	Overhead Close-up View, Post-Test	A-18
A-19	Impact Point Target Set-up, Pre-Test	A-19
A-20	Impact Point Target Set-up, Post-Test	A-20
A-21	Front $\frac{3}{4}$ View of Left Side Doors, Pre-Test	A-21
A-22	Front $\frac{3}{4}$ View of Left Side Doors, Post-Test	A-22
A-23	Rear $\frac{3}{4}$ View of Left Side Doors, Pre-Test	A-23
A-24	Rear $\frac{3}{4}$ View of Left Side Doors, Post-Test	A-24
A-25	Left Front Door Closed, Pre-Test	A-25
A-26	Left Front Door Closed, Post-Test	A-26
A-27	Left Rear Door Closed, Pre-Test	A-27
A-28	Left Rear Door Closed, Post-Test	A-28
A-29	Driver Dummy Left Side with Door Open, Pre-Test	A-29
A-30	Driver Dummy Left Side, Pre-Test	A-30
A-31	Driver Dummy Left Side, Post-Test	A-31
A-32	Driver Dummy Clearance, Pre-Test	A-32
A-33	Driver Dummy Clearance, Post-Test	A-33
A-34	Driver Dummy Inside View, Pre-Test	A-34
A-35	Driver Dummy Inside View, Post-Test	A-35
A-36	Driver Door Inside View, Pre-Test	A-36

LIST OF PHOTOGRAPHS, ...(Continued)

<u>Figure</u>		<u>Page</u>
A-37	Driver Dummy Contact Points Inside View, Post-Test	A-37
A-38	Passenger Dummy Left Side with Door Open, Pre-Test	A-38
A-39	Passenger Dummy Left Side, Pre-Test	A-39
A-40	Passenger Dummy Left Side, Post-Test	A-40
A-41	Passenger Dummy Clearance, Pre-Test	A-41
A-42	Passenger Dummy Clearance, Post-Test	A-42
A-43	Passenger Dummy Inside View, Pre-Test	A-43
A-44	Passenger Dummy Inside View, Post-Test	A-44
A-45	Passenger Dummy Inside View, Pre-Test	A-45
A-46	Passenger Dummy Contact Points Inside View, Post-Test	A-46
A-47	Front View of Deformable Barrier, Pre-Test	A-47
A-48	Front View of Deformable Barrier, Post-Test	A-48
A-49	Top View of Deformable Barrier, Pre-Test	A-49
A-50	Top View of Deformable Barrier, Post-Test	A-50
A-51	Right Side View of Deformable Barrier, Pre-Test	A-51
A-52	Right Side View of Deformable Barrier, Post-Test	A-52
A-53	Left Side View of Deformable Barrier, Pre-Test	A-53
A-54	Left Side View of Deformable Barrier, Post-Test	A-54
A-55	Vehicle On Rollover Device, Driver Side View	A-55
A-56	Vehicle On Rollover Device, Top View	A-56
A-57	Vehicle On Rollover Device, Passenger Side View	A-57
A-58	Vehicle On Rollover Device, Bottom View	A-58
A-59	Vehicle On Rollover Device, Bottom View Closeup	A-59
A-60	Vehicle During Impact	A-60



Figure A-1: Left Front, as Received



Figure A-2: Right Rear, as Received

MFD. BY HONDA OF AMERICA MFG., INC. 7/03

GVWR 4080LBS GAWR F 2195LBS R 1960LBS

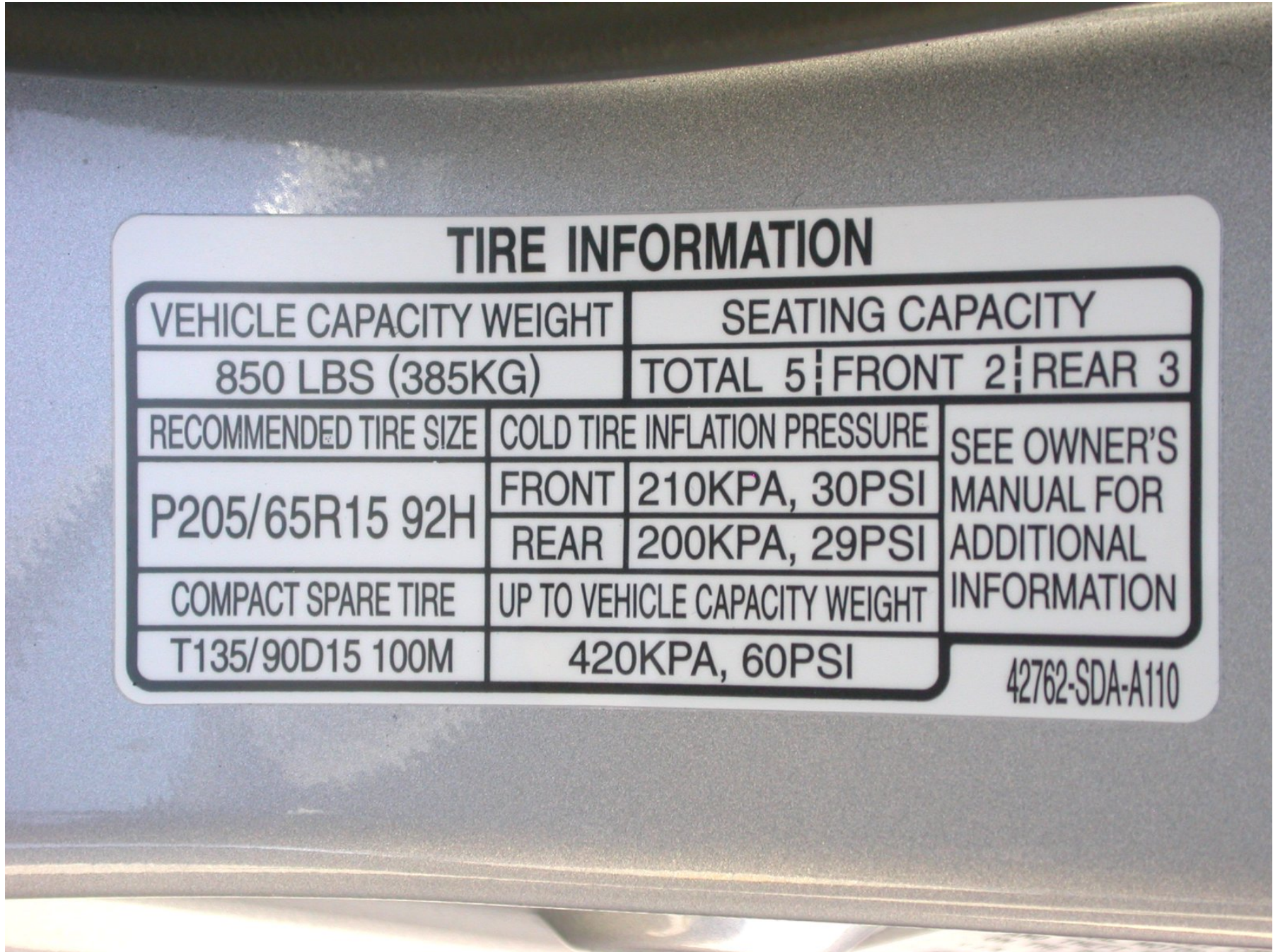
THIS VEHICLE CONFORMS TO ALL APPLICABLE
FEDERAL MOTOR VEHICLE SAFETY, BUMPER,
AND THEFT PREVENTION STANDARDS IN EFFECT
ON THE DATE OF MANUFACTURE SHOWN ABOVE:

V.I.N. 1HGCM55373A132500



PASSENGER CAR

Figure A-3: Vehicle Certification Label



TIRE INFORMATION

VEHICLE CAPACITY WEIGHT

850 LBS (385KG)

SEATING CAPACITY

TOTAL 5 | FRONT 2 | REAR 3

RECOMMENDED TIRE SIZE

P205/65R15 92H

COMPACT SPARE TIRE

T135/90D15 100M

COLD TIRE INFLATION PRESSURE

FRONT

REAR

UP TO VEHICLE CAPACITY WEIGHT

420KPA, 60PSI

210KPA, 30PSI

200KPA, 29PSI

SEE OWNER'S
MANUAL FOR
ADDITIONAL
INFORMATION

42762-SDA-A110

Figure A-4: Vehicle Tire Label



Figure A-5: Front View, Pre-Test



Figure A-6: Front View, Post-Test



Figure A-7: Left Front $\frac{3}{4}$ View, Pre-Test



Figure A-8: Left Front ¾ View, Post-Test



Figure A-9: Left (Impacted) Side View, Pre-Test



Figure A-10: Left (Impacted) Side View, Post-Test



Figure A-11: Left Rear $\frac{3}{4}$ View, Pre-Test



Figure A-12: Left Rear $\frac{3}{4}$ View, Post-Test



Figure A-13: Rear View, Pre-Test



Figure A-14: Rear View, Post-Test



Figure A-15: Overhead Overall View, Pre-Test



Figure A-16: Overhead Overall View, Post-Test

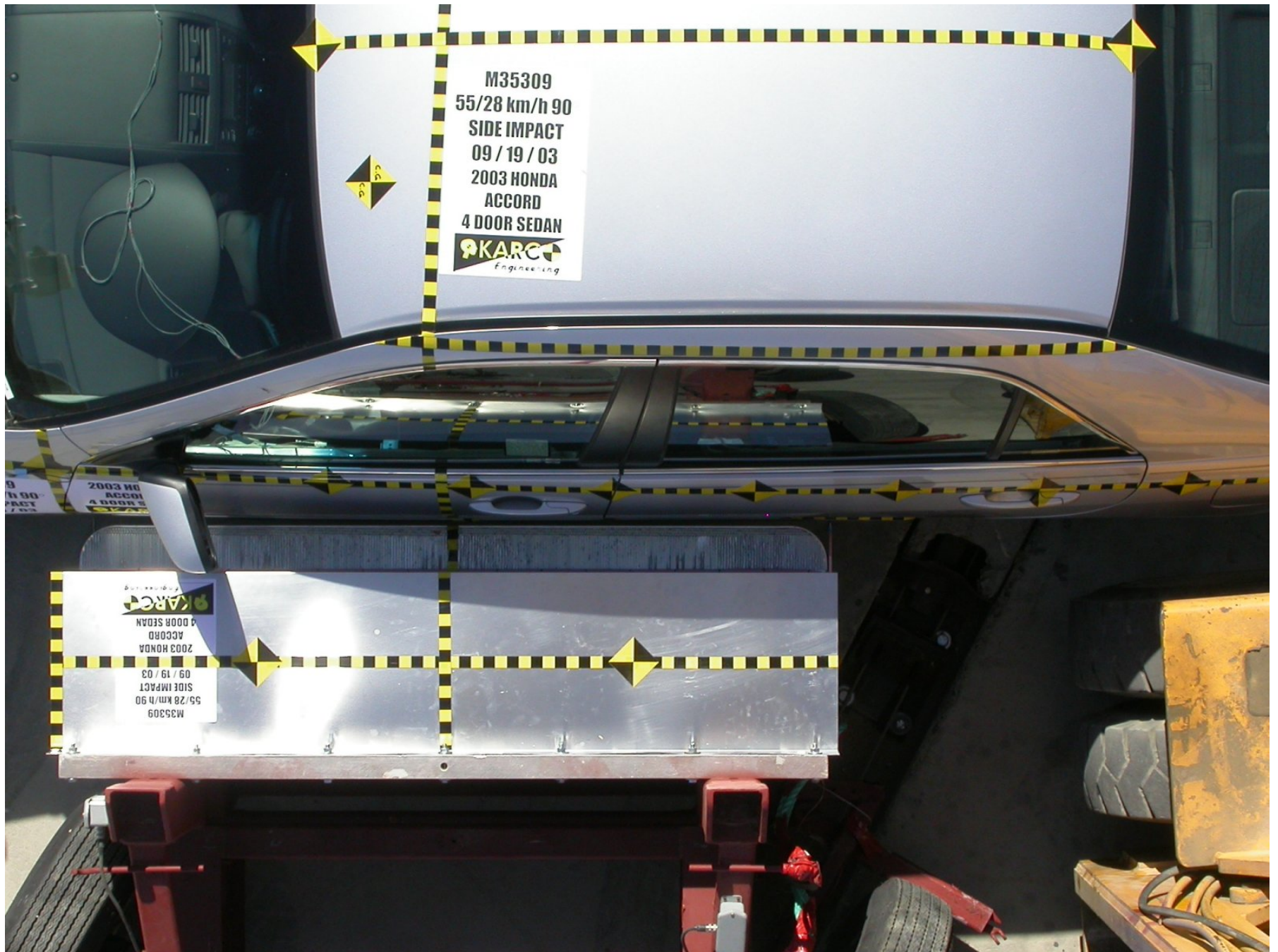


Figure A-17: Overhead Close-up View, Pre-Test



Figure A-18: Overhead Close-up View, Post-Test



Figure A-19: Impact Point Target Set-up, Pre-Test



Figure A-20: Impact Point Target, Post-Test



Figure A-21: Front $\frac{3}{4}$ View of Left Side Doors, Pre-Test



Figure A-22: Front $\frac{3}{4}$ View of Left Side Doors, Post-Test



Figure A-23: Rear $\frac{3}{4}$ View of Left Side Doors, Pre-Test



Figure A-24: Rear ¾ View of Left Side Doors, Post-Test



Figure A-25: Left Front Door Closed, Pre-Test



Figure A-26: Left Front Door Closed, Post-Test



Figure A-27: Left Rear Door Closed, Pre-Test



Figure A-28: Left Rear Door Closed, Post-Test



Figure A-29: Driver Dummy Left Side with Door Open, Pre-Test



Figure A-30: Driver Dummy Left Side, Pre-test



Figure A-31: Driver Dummy Left Side, Post-Test



Figure A-32: Driver Dummy Clearance, Pre-Test

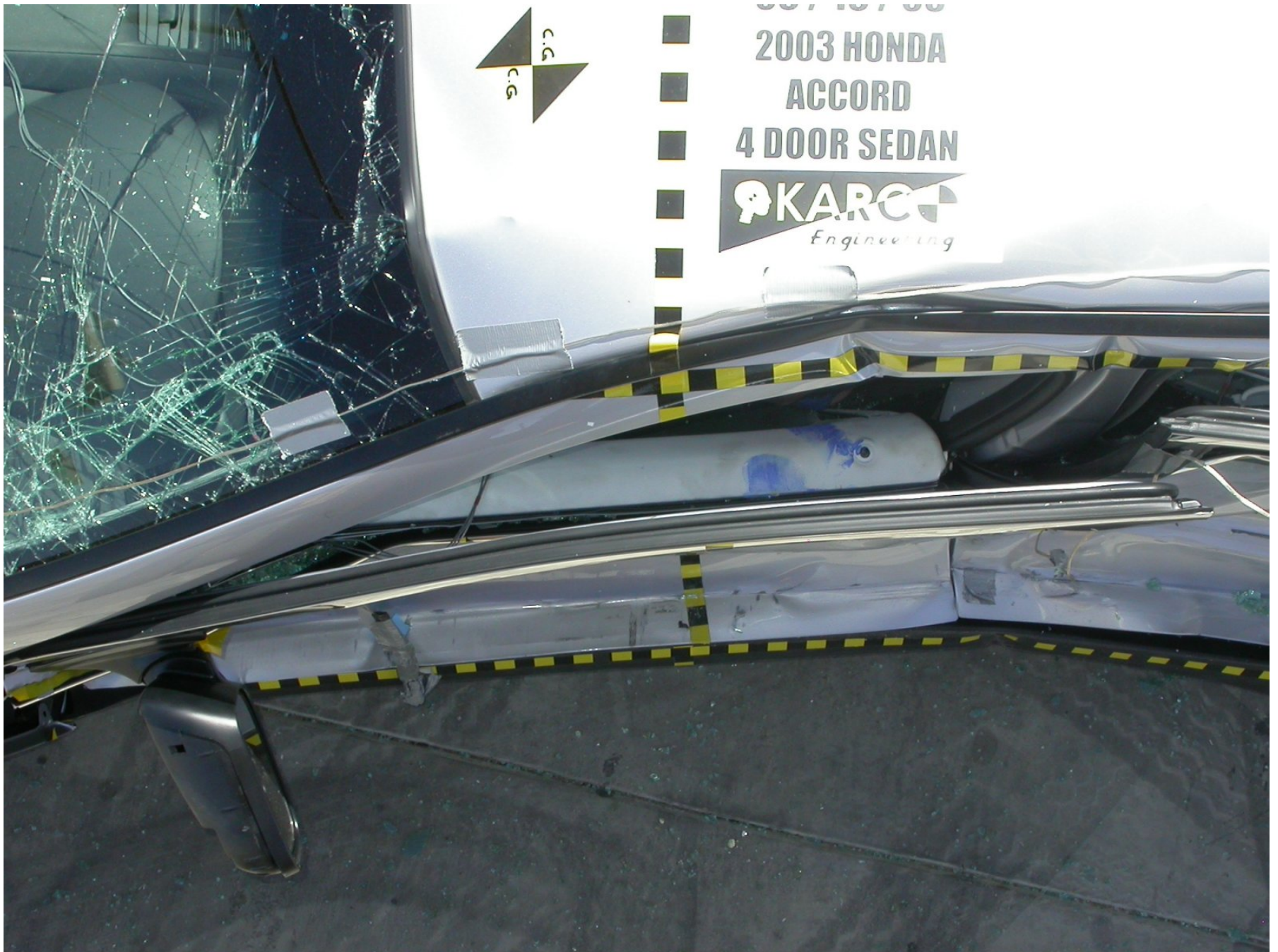


Figure A-33: Driver Dummy Clearance, Post-Test



Figure A-34: Driver Dummy Inside View, Pre-Test



Figure A-35: Driver Dummy Inside View, Post-Test



Figure A-36: Driver Door Inside View, Pre-Test



Figure A-37: Driver Dummy Contact Points Inside View, Post-Test (Vehicle Moved)



Figure A-38: Passenger Dummy Left Side with Door Open, Pre-Test



Figure A-39: Passenger Dummy Left Side, Pre-Test



Figure A-40: Passenger Dummy Left Side, Post-Test



Figure A-41: Passenger Dummy Clearance, Pre-Test



Figure A-42: Passenger Dummy Clearance, Post-Test



Figure A-43: Passenger Dummy Inside View, Pre-Test



Figure A-44: Passenger Dummy Inside View, Post-Test



Figure A-45: Passenger Door Inside View, Pre-Test



Figure A-46: Passenger Dummy Contact Points Inside View, Post-Test (Vehicle Moved)



Figure A-47: Front View of Deformable Barrier, Pre-Test



Figure A-48: Front View of Deformable Barrier, Post-Test

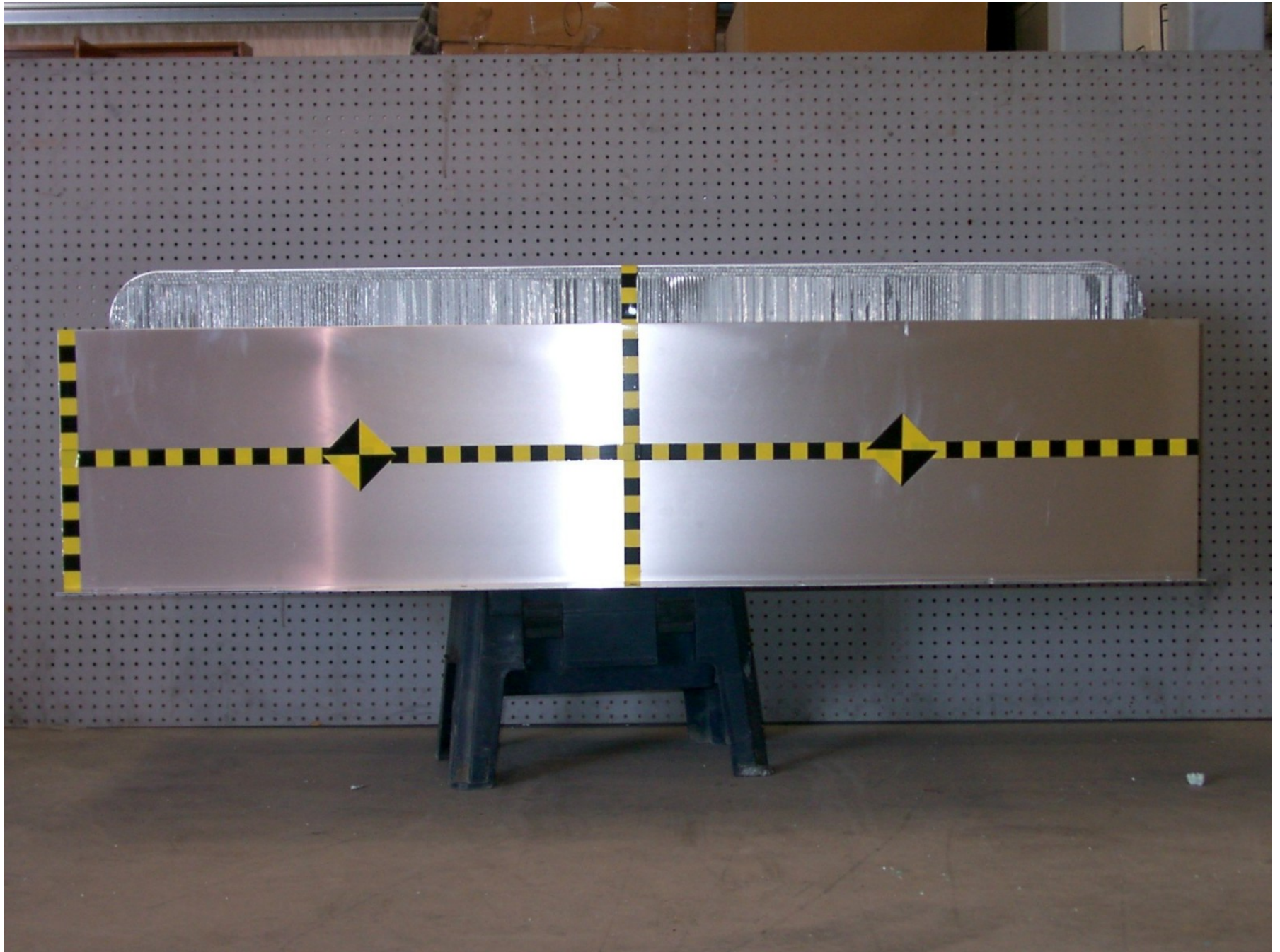


Figure A-49: Top View of Deformable Barrier, Pre-Test



Figure A-50: Top View of Deformable Barrier, Post-Test



Figure A-51: Right Side View of Deformable Barrier, Pre-Test



Figure A-52: Right Side View of Deformable Barrier, Post-Test



Figure A-53: Left Side View of Deformable Barrier, Pre-Test



Figure A-54: Left Side View of Deformable Barrier, Post-Test



Figure A-55: Vehicle on Rollover Device, Driver Side View



Figure A-56: Vehicle on Rollover Device, Top View



Figure A-57: Vehicle on Rollover Device, Passenger Side View



Figure A-58: Vehicle on Rollover Device, Bottom View

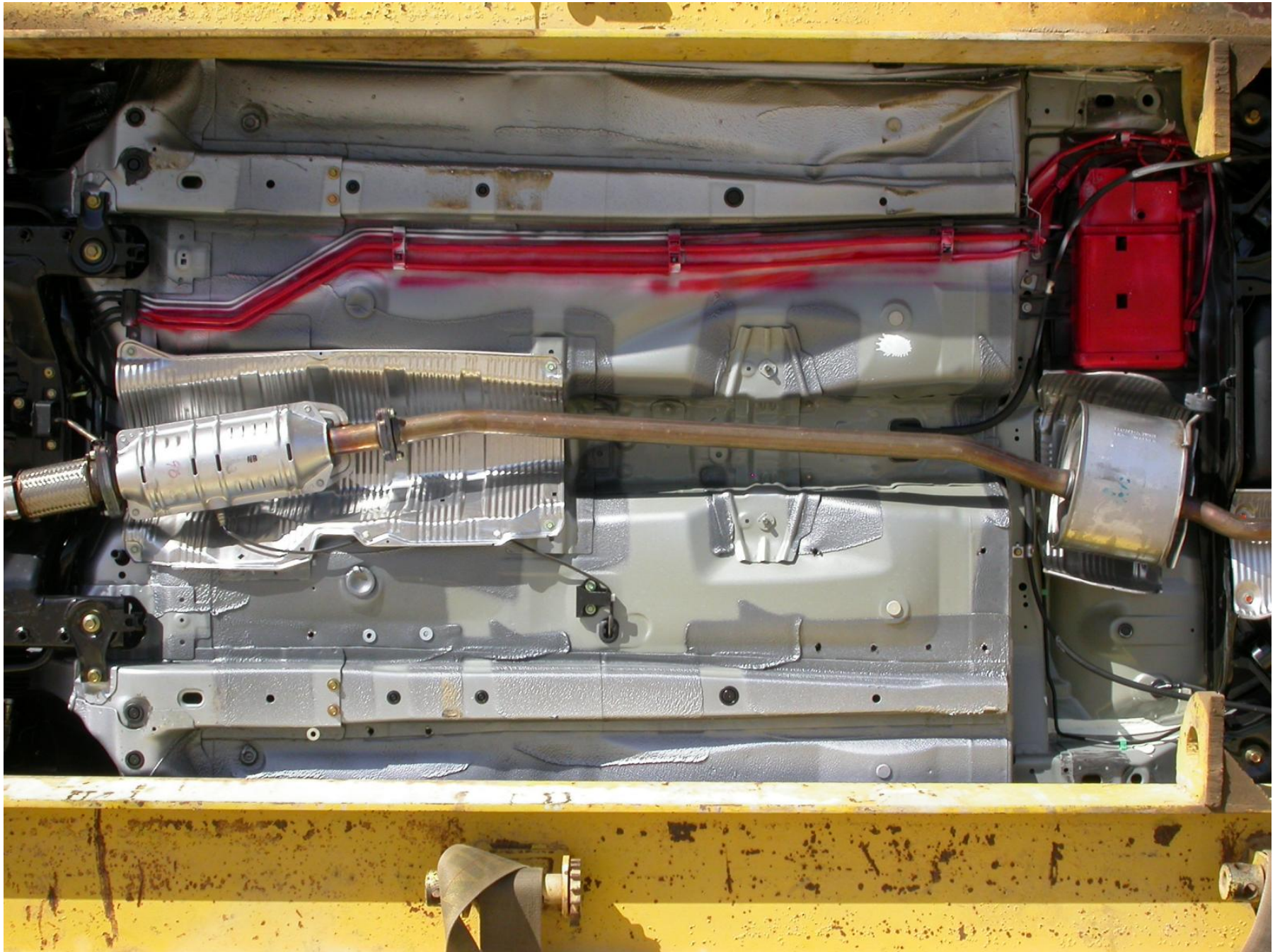


Figure A-59: Vehicle on Rollover Device, Bottom View Closeup



Figure A-60: Vehicle During Impact

APPENDIX B
SID/HIII, VEHICLE AND MDB RESPONSE DATA

LIST OF DATA PLOTS

<u>Data Plot</u>	<u>Page</u>
B-1 Driver Head Primary X	B-1
B-2 Driver Head Primary X Velocity	B-2
B-3 Driver Head Primary Y	B-3
B-4 Driver Head Primary Y Velocity	B-4
B-5 Driver Head Primary Z	B-5
B-6 Driver Head Primary Z Velocity	B-6
B-7 Driver Head Resultant Primary	B-7
B-8 Driver Head Redundant X	B-8
B-9 Driver Head Redundant X Velocity	B-9
B-10 Driver Head Redundant Y	B-10
B-11 Driver Head Redundant Y Velocity	B-11
B-12 Driver Head Redundant Z	B-12
B-13 Driver Head Redundant Z Velocity	B-13
B-14 Driver Head Resultant Redundant	B-14
B-15 Driver Neck Force X	B-15
B-16 Driver Neck Force Y	B-16
B-17 Driver Neck Force Z	B-17
B-18 Driver Neck Force Resultant	B-18
B-19 Driver Neck Moment X	B-19
B-20 Driver Neck Moment Y	B-20
B-21 Driver Neck Moment Z	B-21
B-22 Driver Neck Moment Resultant	B-22
B-23 Driver Upper Rib Primary Y	B-23
B-24 Driver Upper Rib Primary Y Velocity	B-24
B-25 Driver Lower Rib Primary Y	B-25
B-26 Driver Lower Rib Primary Y Velocity	B-26
B-27 Driver Lower Spine primary Y	B-27
B-28 Driver Lower Spine Primary Y Velocity	B-28
B-29 Driver Pelvis Primary Y	B-29
B-30 Driver Pelvis Primary Y Velocity	B-30
B-31 Driver Upper Rib Redundant Y	B-31
B-32 Driver Upper Rib Redundant Y Velocity	B-32
B-33 Driver Lower Rib Redundant Y	B-33

LIST OF DATA PLOTS...(Continued)

<u>Data Plot</u>	<u>Page</u>
B-34 Driver Lower Rib Redundant Y Velocity	B-34
B-35 Driver Lower Spine Redundant Y	B-35
B-36 Driver Lower Spine Redundant Y Velocity	B-36
B-37 Driver Pelvis Redundant Y	B-37
B-38 Driver Pelvis Redundant Y Velocity	B-38
B-39 Driver Thorax Contact	B-39
B-40 Driver Pelvis Contact	B-40
B-41 Passenger Head Primary X	B-41
B-42 Passenger Head Primary X Velocity	B-42
B-43 Passenger Head Primary Y	B-43
B-44 Passenger Head Primary Y Velocity	B-44
B-45 Passenger Head Primary Z	B-45
B-46 Passenger Head Primary Z Velocity	B-46
B-47 Passenger Head Resultant Primary	B-47
B-48 Passenger Head Redundant X	B-48
B-49 Passenger Head Redundant X Velocity	B-49
B-50 Passenger Head Redundant Y	B-50
B-51 Passenger Head Redundant Y Velocity	B-51
B-52 Passenger Head Redundant Z	B-52
B-53 Passenger Head Redundant Z Velocity	B-53
B-54 Passenger Head Resultant Redundant	B-54
B-55 Passenger Neck Force X	B-55
B-56 Passenger Neck Force Resultant	B-56
B-57 Passenger Neck Force Z	B-57
B-58 Passenger Neck Force Resultant	B-58
B-59 Passenger Neck Moment X	B-59
B-60 Passenger Neck Moment Y	B-60
B-61 Passenger Neck Moment Z	B-61
B-62 Passenger Neck Moment Resultant	B-62
B-63 Passenger Upper Rib Primary Y	B-63
B-64 Passenger Upper Rib Primary Y Velocity	B-64
B-65 Passenger Lower Rib Primary Y	B-65
B-66 Passenger Lower Rib Primary Y Velocity	B-66
B-67 Passenger Lower Spine Primary Y	B-67
B-68 Passenger Lower Spine Primary Y Velocity	B-68
B-69 Passenger Pelvis Primary Y	B-69

LIST OF DATA PLOTS...(Continued)

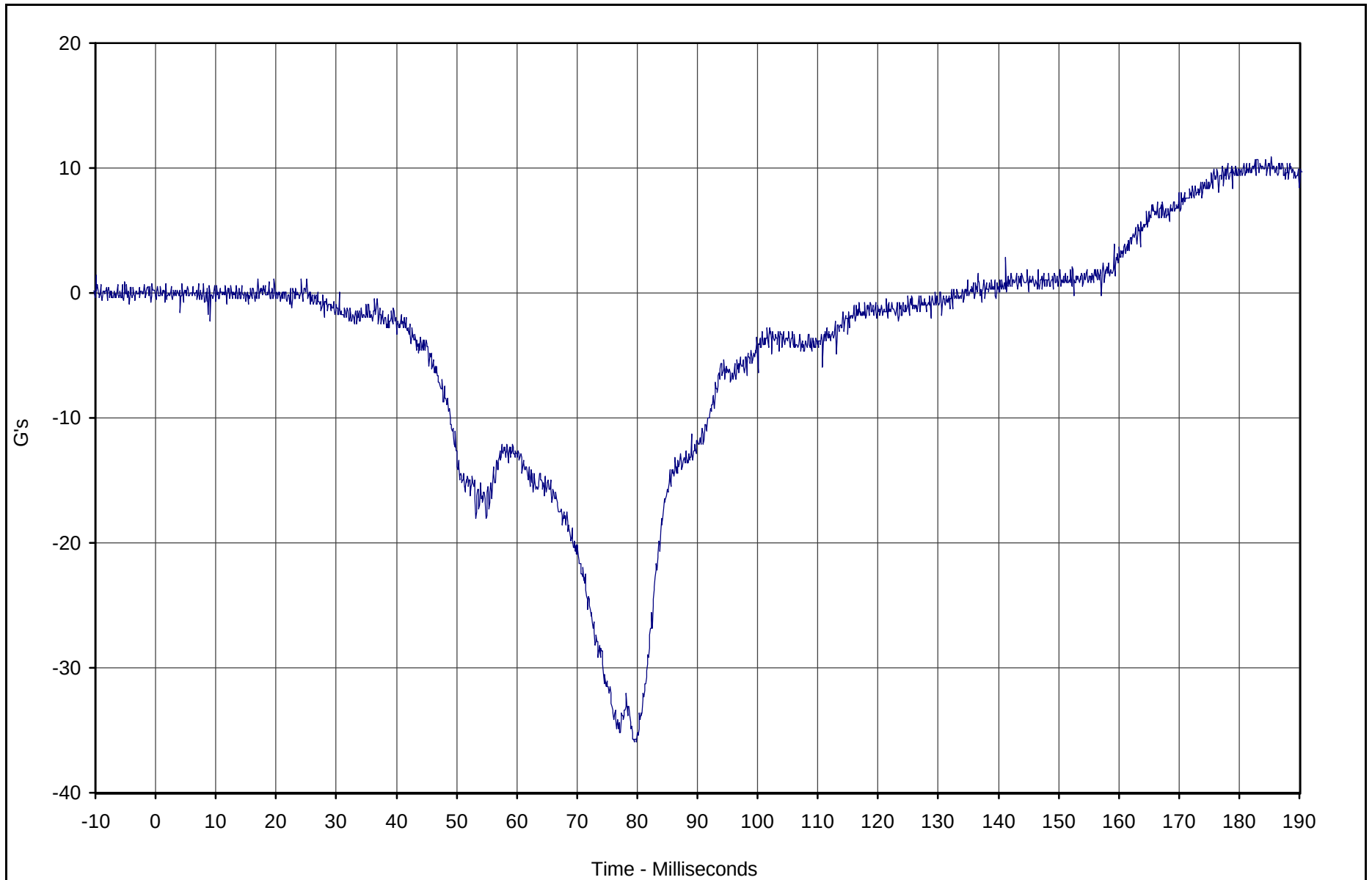
<u>Data Plot</u>		<u>Page</u>
B-70	Passenger Pelvis Primary Y Velocity	B-70
B-71	Passenger Upper Rib Redundant Y	B-71
B-72	Passenger Upper Rib Redundant Y Velocity	B-72
B-73	Passenger Lower Rib Redundant Y	B-73
B-74	Passenger Lower Rib Redundant Y Velocity	B-74
B-75	Passenger Lower Spine Redundant Y	B-75
B-76	Passenger Lower Spine Redundant Y Velocity	B-76
B-77	Passenger Pelvis Redundant Y	B-77
B-78	Passenger Pelvis Redundant Y Velocity	B-78
B-79	Passenger Thorax Contact	B-79
B-80	Passenger Pelvic Contact	B-80
B-81	Right Sill Front Seat X	B-81
B-82	Right Sill Front Seat X Velocity	B-82
B-83	Right Sill Front Seat Y	B-83
B-84	Right Sill Front Seat Y Velocity	B-84
B-85	Right Sill Front Seat Z	B-85
B-86	Right Sill Front Seat Z Velocity	B-86
B-87	Right Sill Front Seat Resultant	B-87
B-88	Right Sill Rear Seat X	B-88
B-89	Right Sill Rear Seat X Velocity	B-89
B-90	Right Sill Rear Seat Y	B-90
B-91	Right Sill Rear Seat Y Velocity	B-91
B-92	Right Sill Rear Seat Z	B-92
B-93	Right Sill Rear Seat Z Velocity	B-93
B-94	Right Sill Rear Seat Resultant	B-94
B-95	Rear Floor Above Axle X	B-95
B-96	Rear Floor Above Axle X Velocity	B-96
B-97	Rear Floor Above Axle Y	B-97
B-98	Rear Floor Above Axle Y Velocity	B-98
B-99	Rear Floor Above Axle Z	B-99
B-100	Rear Floor Above Axle Z Velocity	B-100
B-101	Rear Floor Above Axle Resultant	B-101
B-102	Left Sill Rear Seat Y	B-102
B-103	Left Sill Rear Door Y Velocity	B-103
B-104	Left Sill Front Seat Y	B-104
B-105	Left Sill Front Door Y Velocity	B-105

LIST OF DATA PLOTS...(Continued)

<u>Data Plot</u>	<u>Page</u>
B-106 Left Front Door C/L Y	B-106
B-107 Left Front Door C/L Y Velocity	B-107
B-108 Right Rear Occupant Compartment Y	B-108
B-109 Right Rear Occupant Compartment Y Velocity	B-109
B-110 Left Front Door Mid Rear Y	B-110
B-111 Left Front Door Mid Rear Y Velocity	B-111
B-112 Left Front Door upper C/L Y	B-112
B-113 Left Front Door Upper C/L Y Velocity	B-113
B-114 Left Rear Door Mid Rear Y	B-114
B-115 Left Rear Door Mid Rear Y Velocity	B-115
B-116 Left Rear Door Upper C/L Y	B-116
B-117 Left Rear Door Upper C/L Y Velocity	B-117
B-118 B-Post Lower Y	B-118
B-119 B-Post Lower Y Velocity	B-119
B-120 B-Post Middle Y	B-120
B-121 B-Post Middle Y Velocity	B-121
B-122 A-Post Lower Y	B-122
B-123 A-Post Lower Y Velocity	B-123
B-124 A-Post Middle Y	B-124
B-125 A-Post Middle Y Velocity	B-125
B-126 Left Front Seat Track Y	B-126
B-127 Left Front Seat Track Y Velocity	B-127
B-128 Rear Seat Structure Y	B-128
B-129 Rear Seat structure Y Velocity	B-129
B-130 Vehicle CG X	B-130
B-131 Vehicle CG X Velocity	B-131
B-132 Vehicle CG Y	B-132
B-133 Vehicle CG Y Velocity	B-133
B-134 Vehicle CG Z	B-134
B-135 Vehicle CG Z Velocity	B-135
B-136 Vehicle CG Resultant	B-136
B-137 MDB CG X	B-137
B-138 MDB CG X Velocity	B-138
B-139 MDB CG Y	B-139
B-140 MDB CG Y Velocity	B-140
B-141 MDB CG Z	B-141

LIST OF DATA PLOTS...(Continued)

Data Plot		Page
B-142	MDB CG Z Velocity	B-142
B-143	CG Resultant	B-143
B-144	MDB Rear X	B-144
B-145	MDB Rear X Velocity	B-145
B-146	MDB Rear Y	B-146
B-147	MDB Rear Y Velocity	B-147
B-148	MDB Right Bumper Contact	B-148
B-149	Driver Upper Rib Primary Y	B-149
B-150	Driver Lower Rib Primary Y	B-150
B-151	Driver Lower Spine Primary Y	B-151
B-152	Driver Pelvis Primary Y	B-152
B-153	Driver Upper Rib Redundant Y	B-153
B-154	Driver Lower Rib Redundant y	B-154
B-155	Driver Lower Spine Redundant Y	B-155
B-156	Driver Pelvis Redundant Y	B-156
B-157	Passenger Upper Rib Primary Y	B-157
B-158	Passenger Lower Rib Primary Y	B-158
B-159	Passenger Lower Spine Primary Y	B-159
B-160	Passenger Pelvis Primary Y	B-160
B-161	Passenger Upper Rib Redundant Y	B-161
B-162	Passenger Lower Rib Redundant Y	B-162
B-163	Passenger Lower Spine Redundant Y	B-163
B-164	Passenger Pelvis Redundant Y	B-164



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Primary X	001	FIL	G's	10.9	185.3	-35.9	79.5	1000

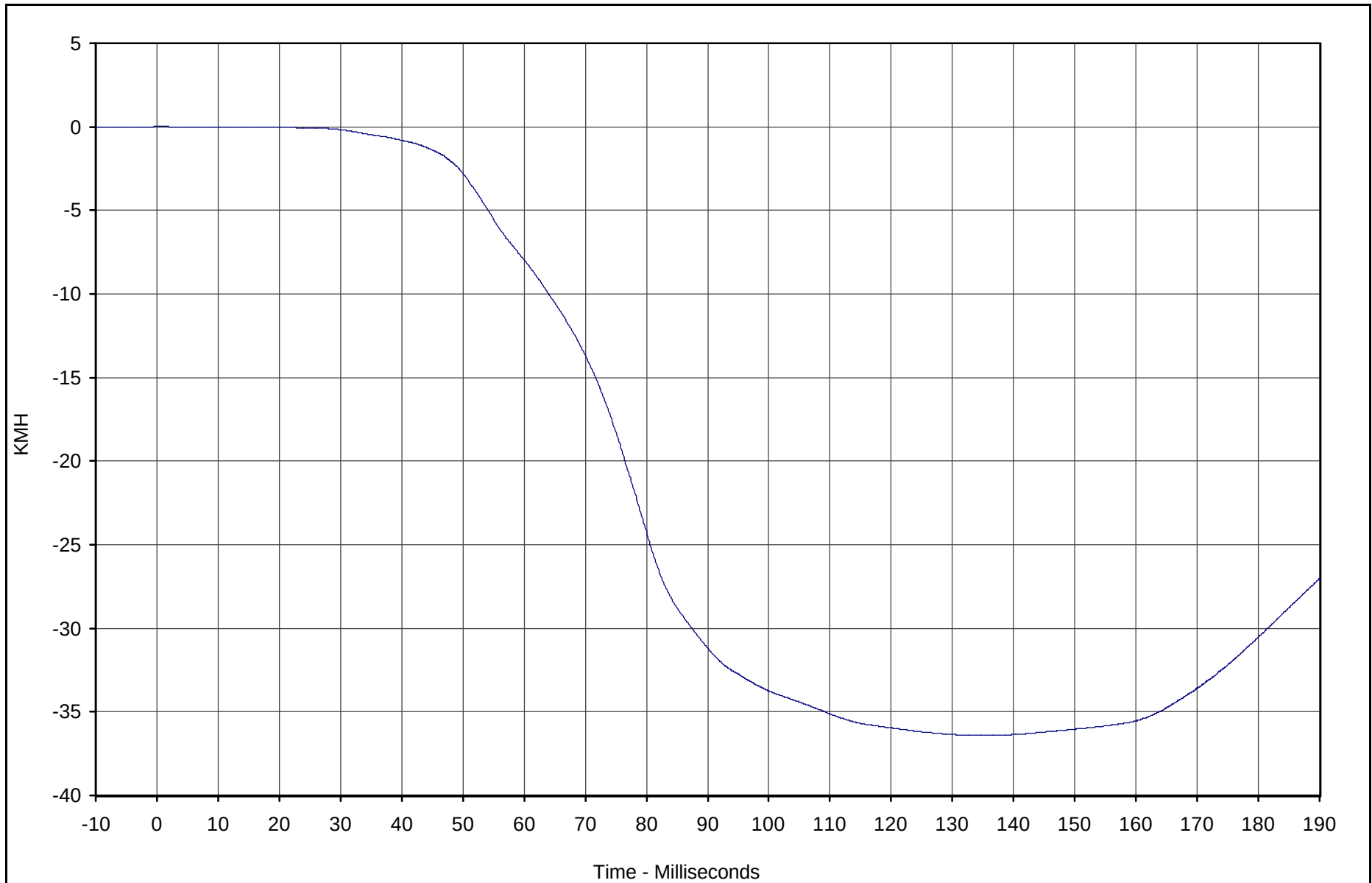


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Primary X Velocity	001	IN1	KMH	0.0	0.4	-36.4	134.5	180

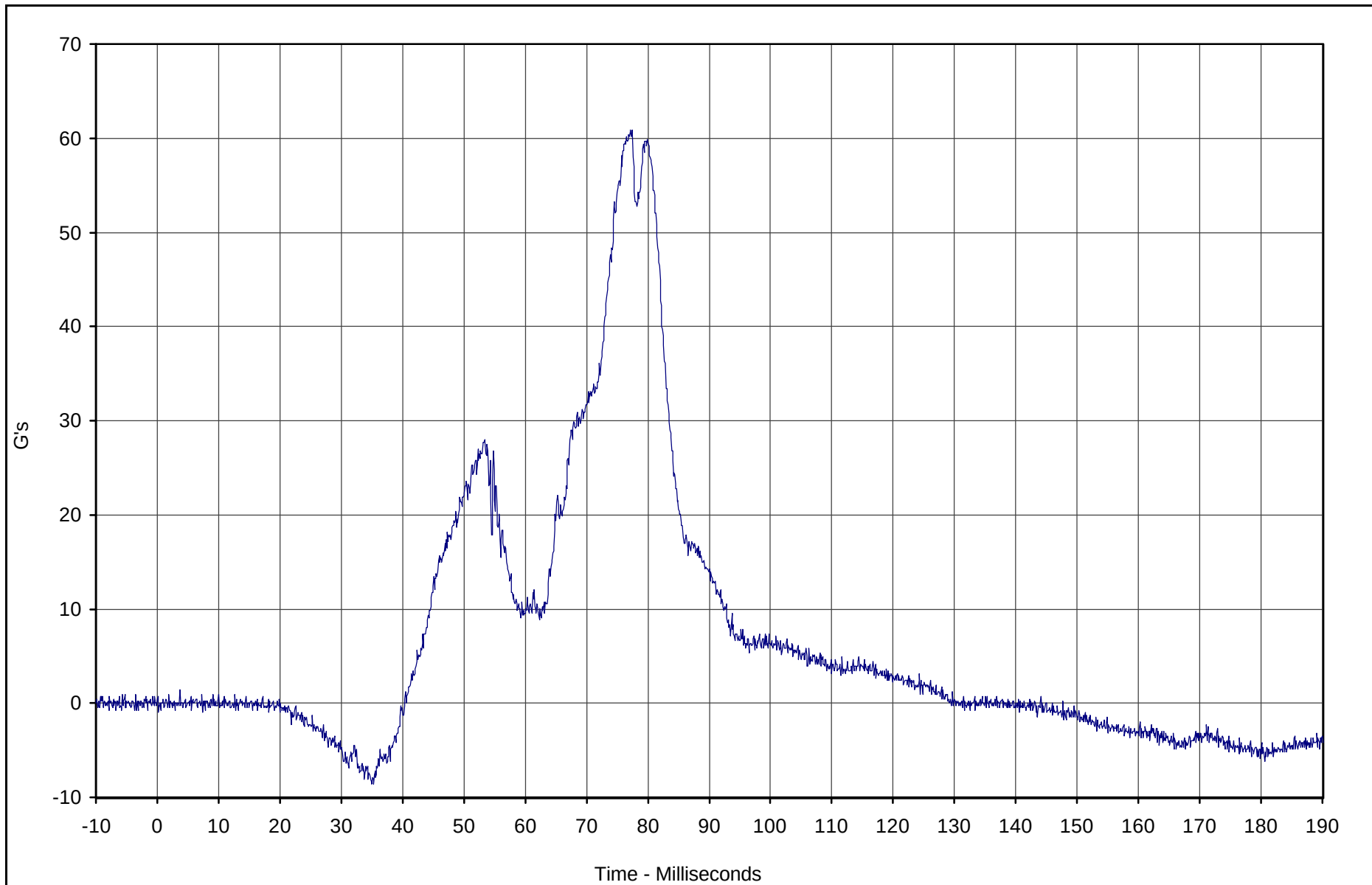


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Primary Y	002	FIL	G's	60.9	77.2	-8.6	35.0	1000

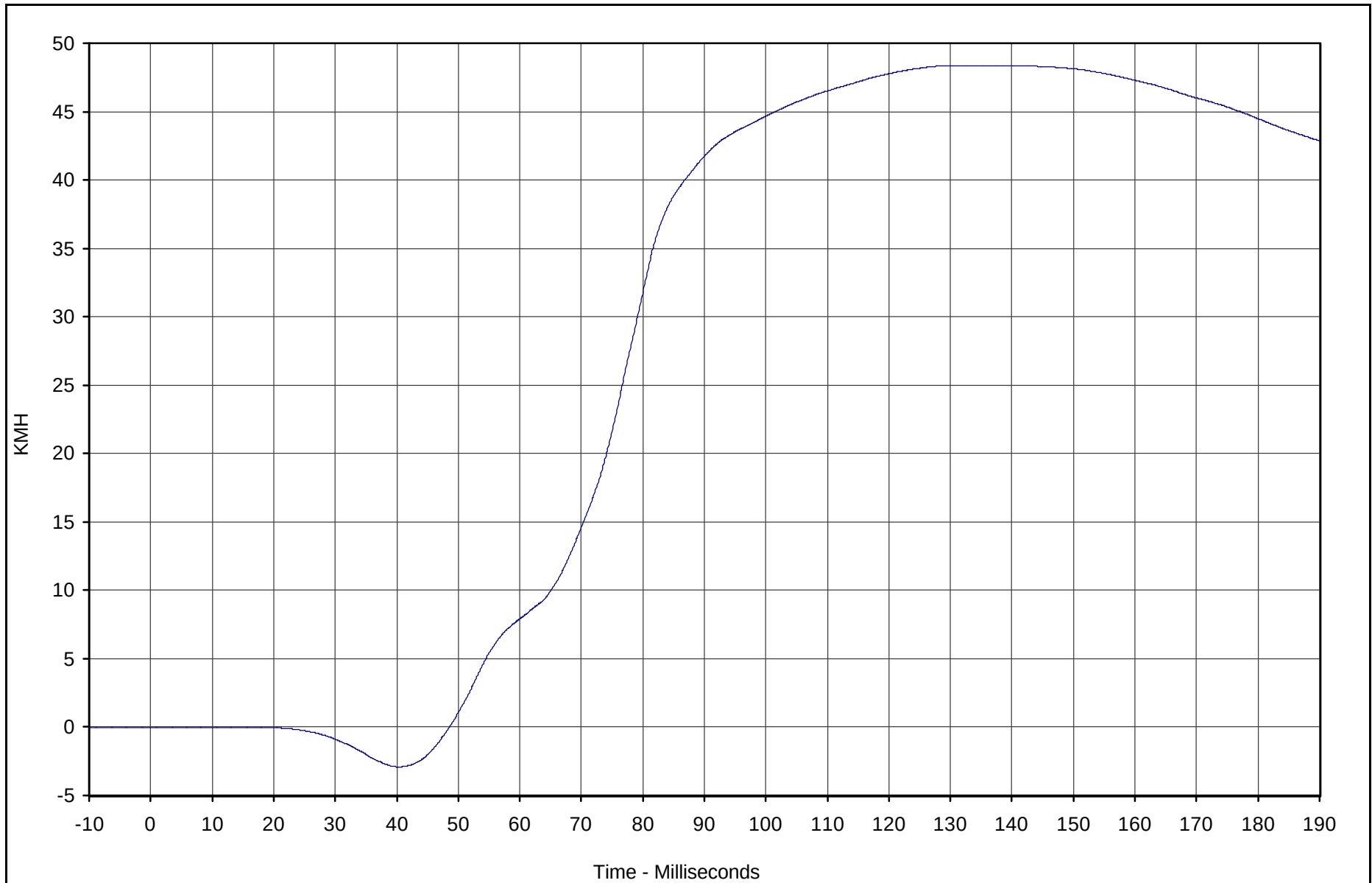


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Primary Y Velocity	002	IN1	KMH	48.4	130.8	-2.9	40.4	180

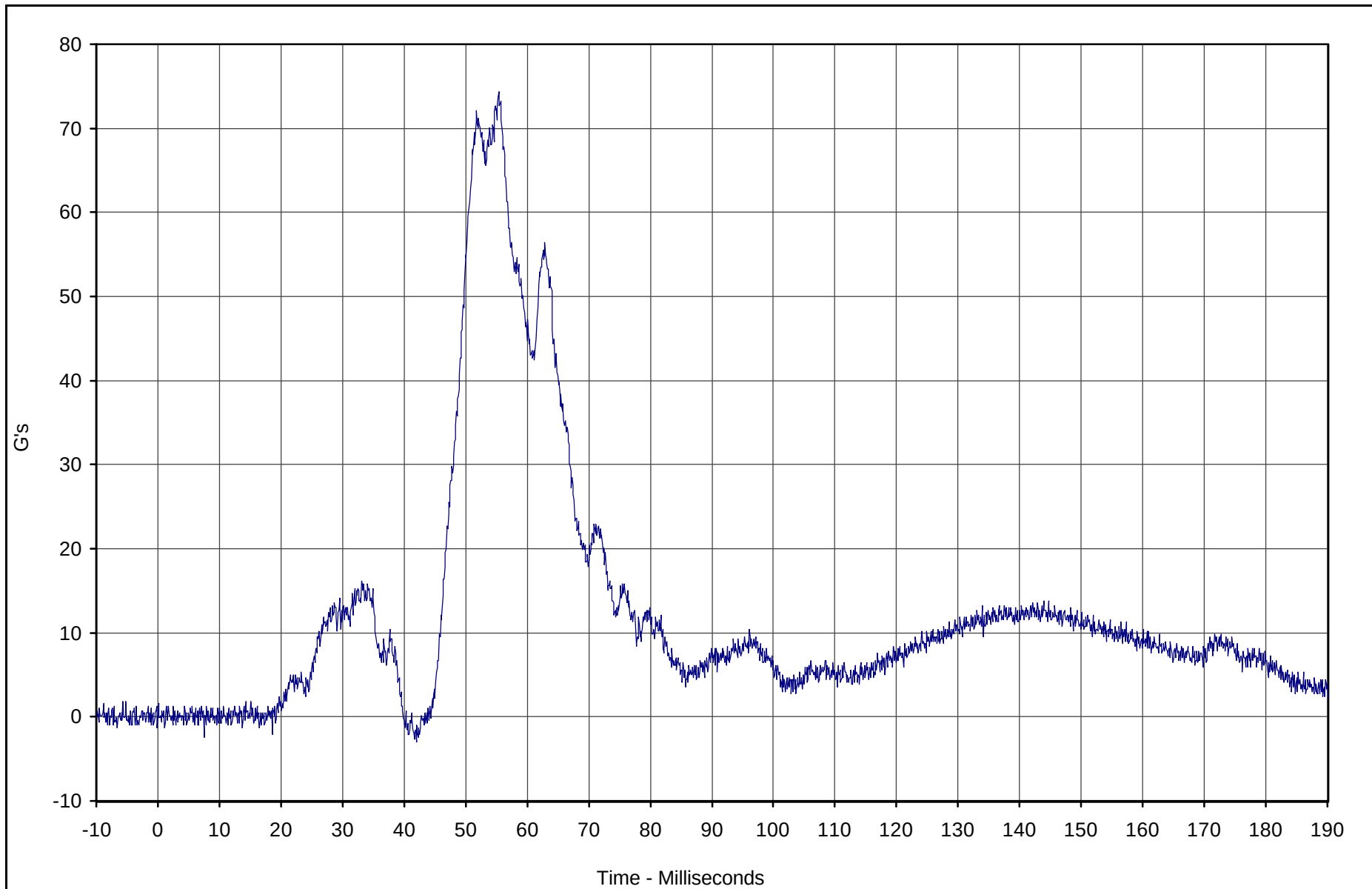


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Primary Z	003	FIL	G's	74.4	55.4	-3.0	42.0	1000

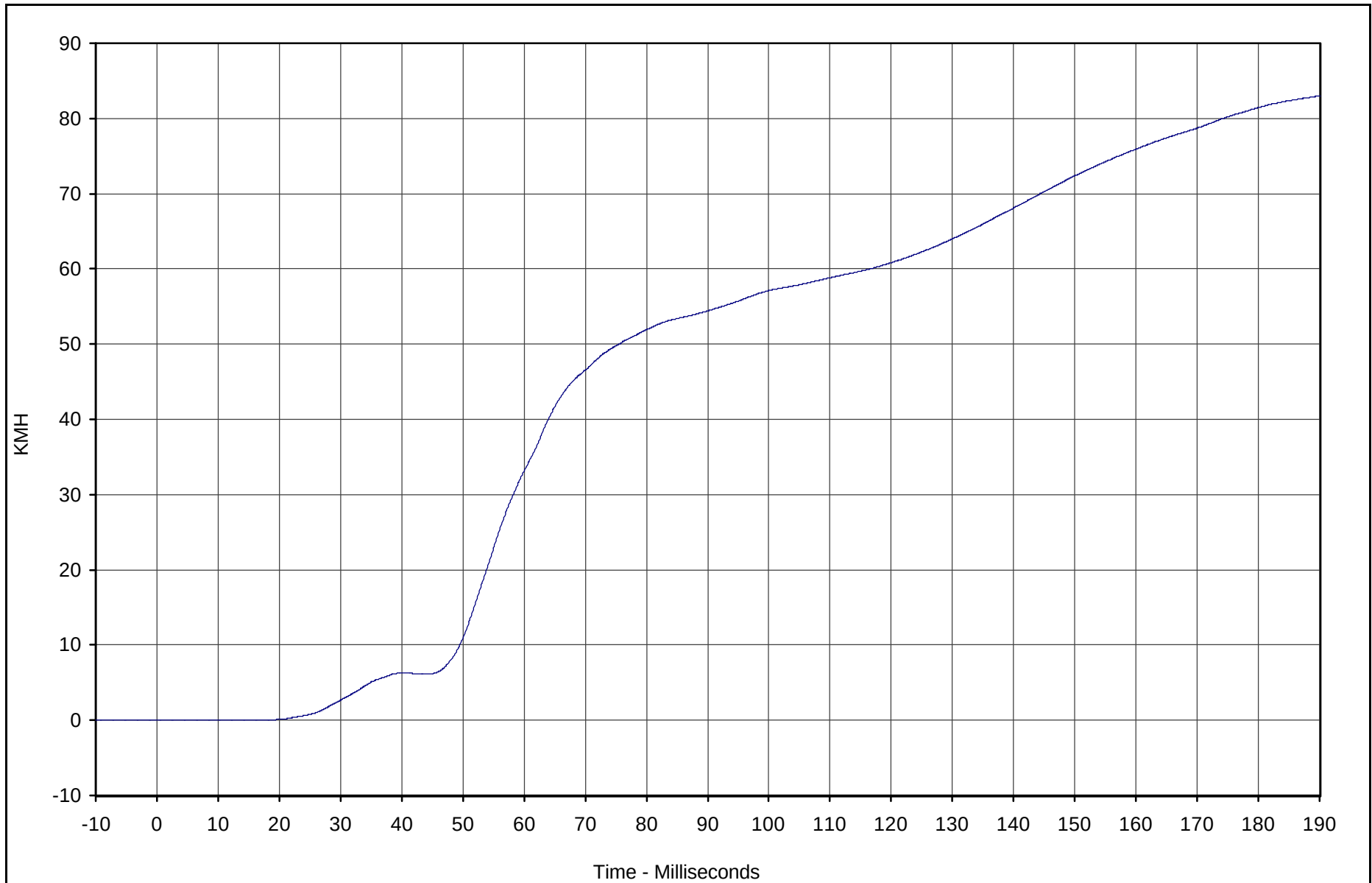


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Primary Z Velocity	003	IN1	KMH	83.0	189.9	0.0	0.0	180

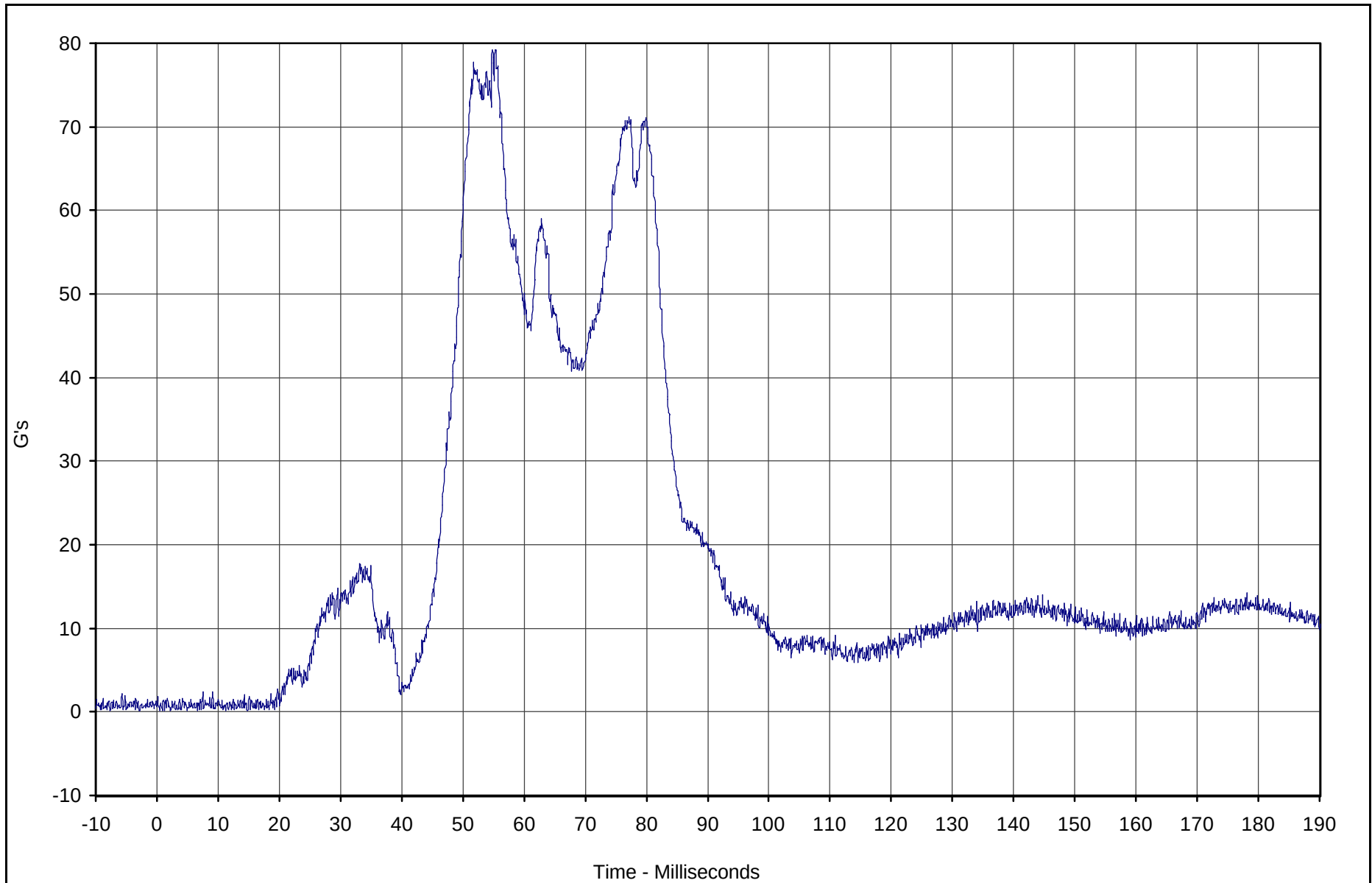


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Resultant Primary	001	RES	G's	79.2	54.8	0.1	0.4	1000

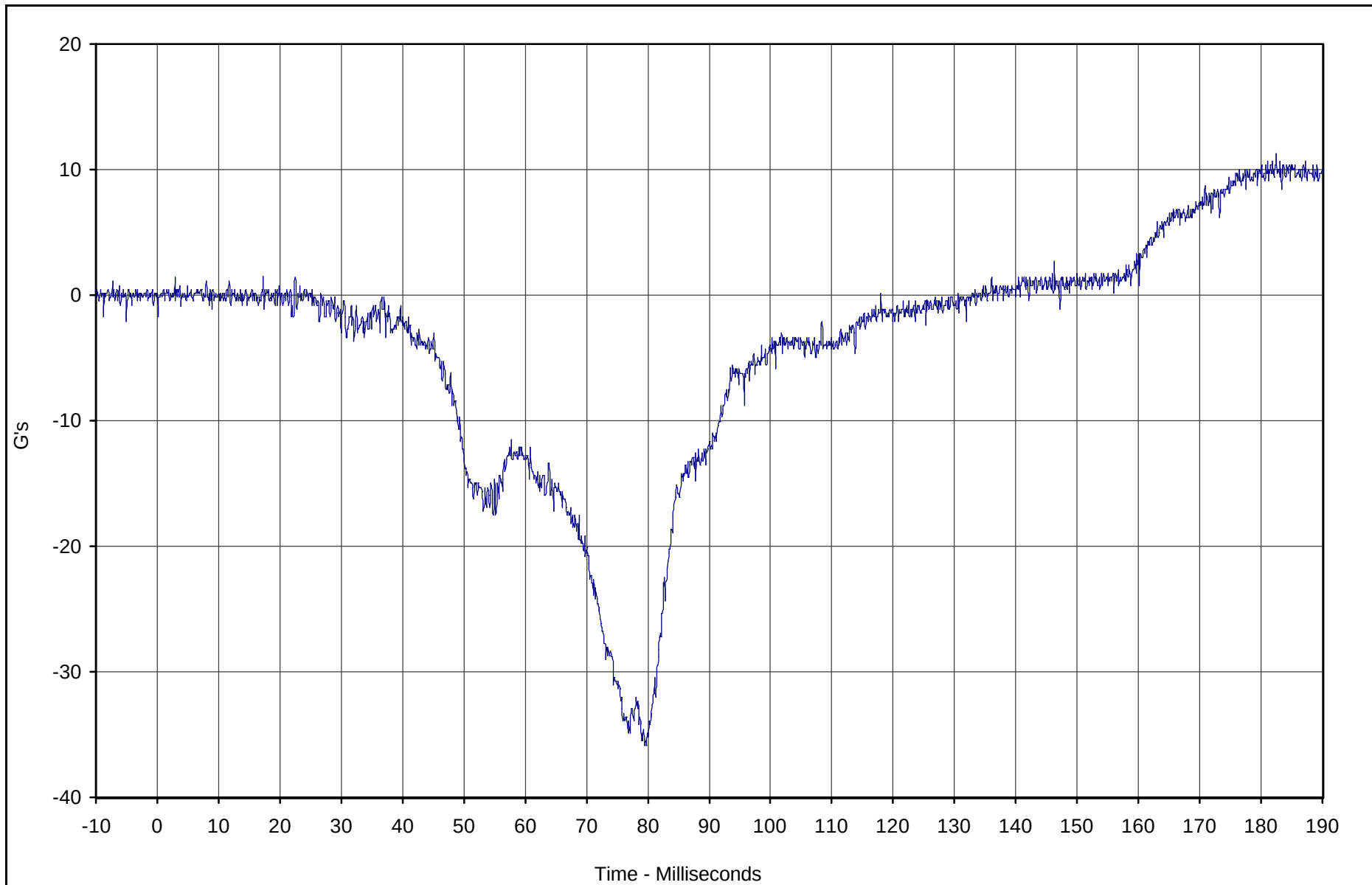


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Redundant X	004	FIL	G's	11.3	182.5	-35.8	79.4	1000

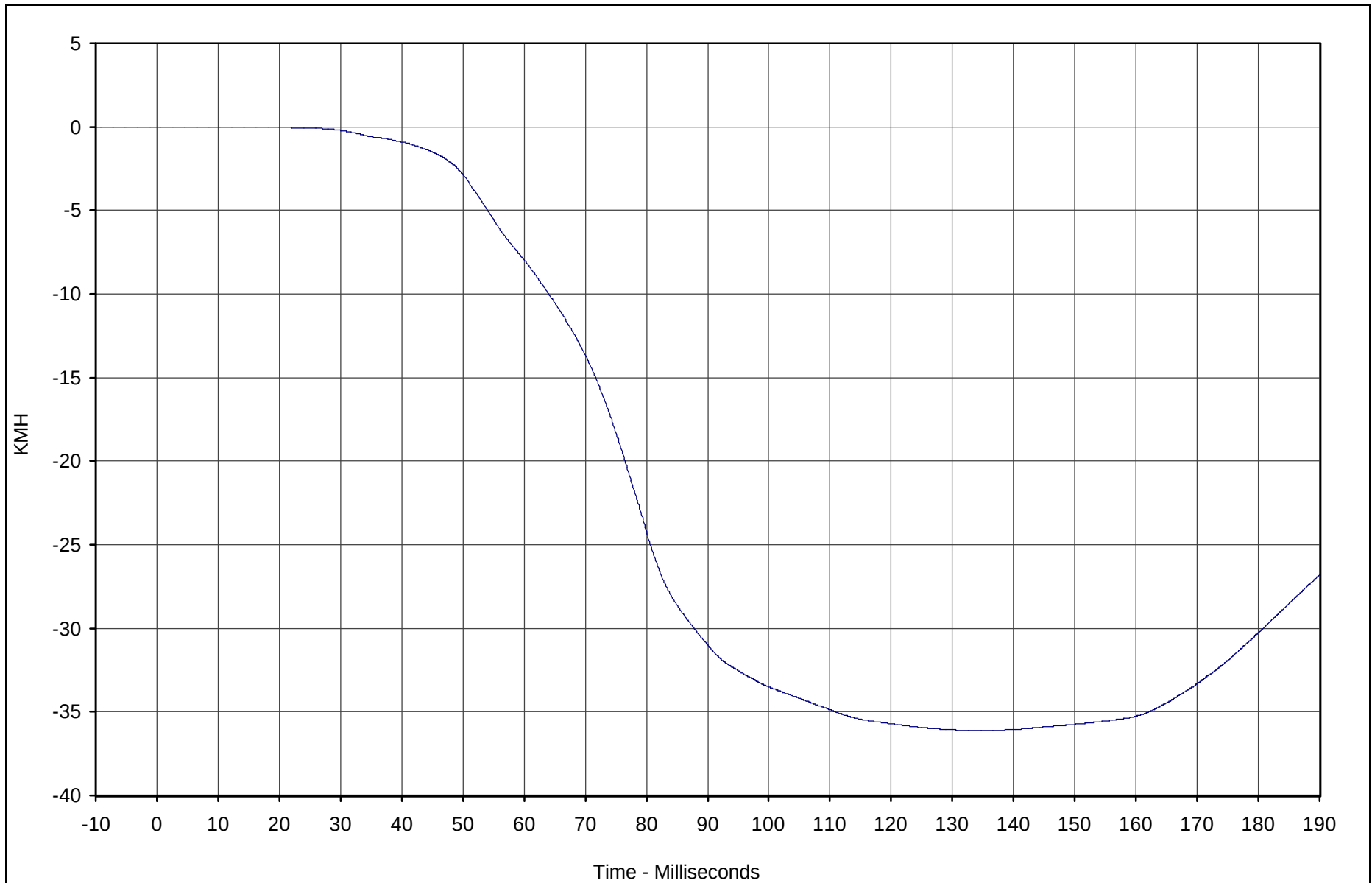


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Redundant X Velocity	004	IN1	KMH	0.0	8.0	-36.1	134.1	180

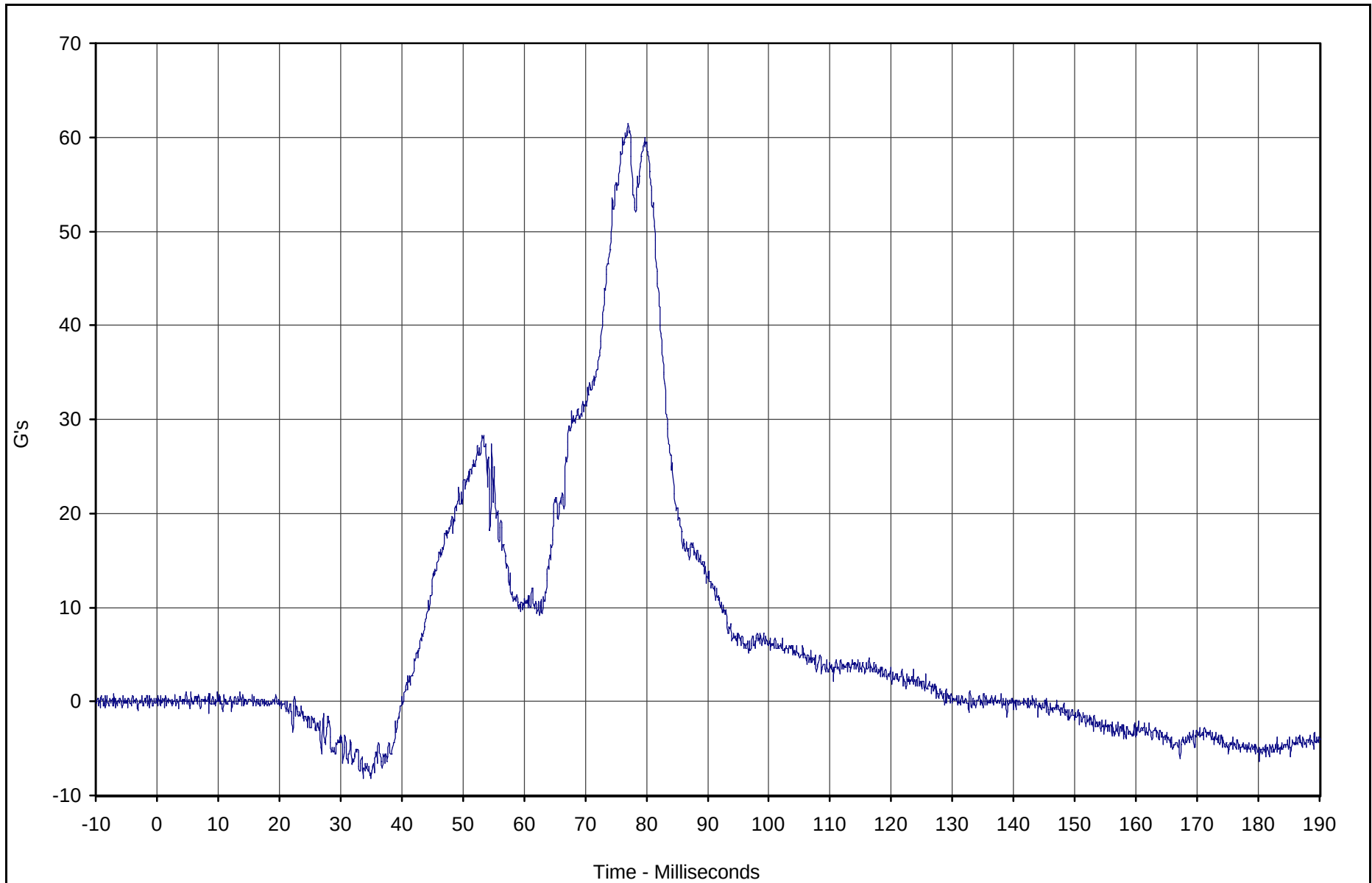


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Redundant Y	005	FIL	G's	61.5	77.0	-8.2	33.7	1000

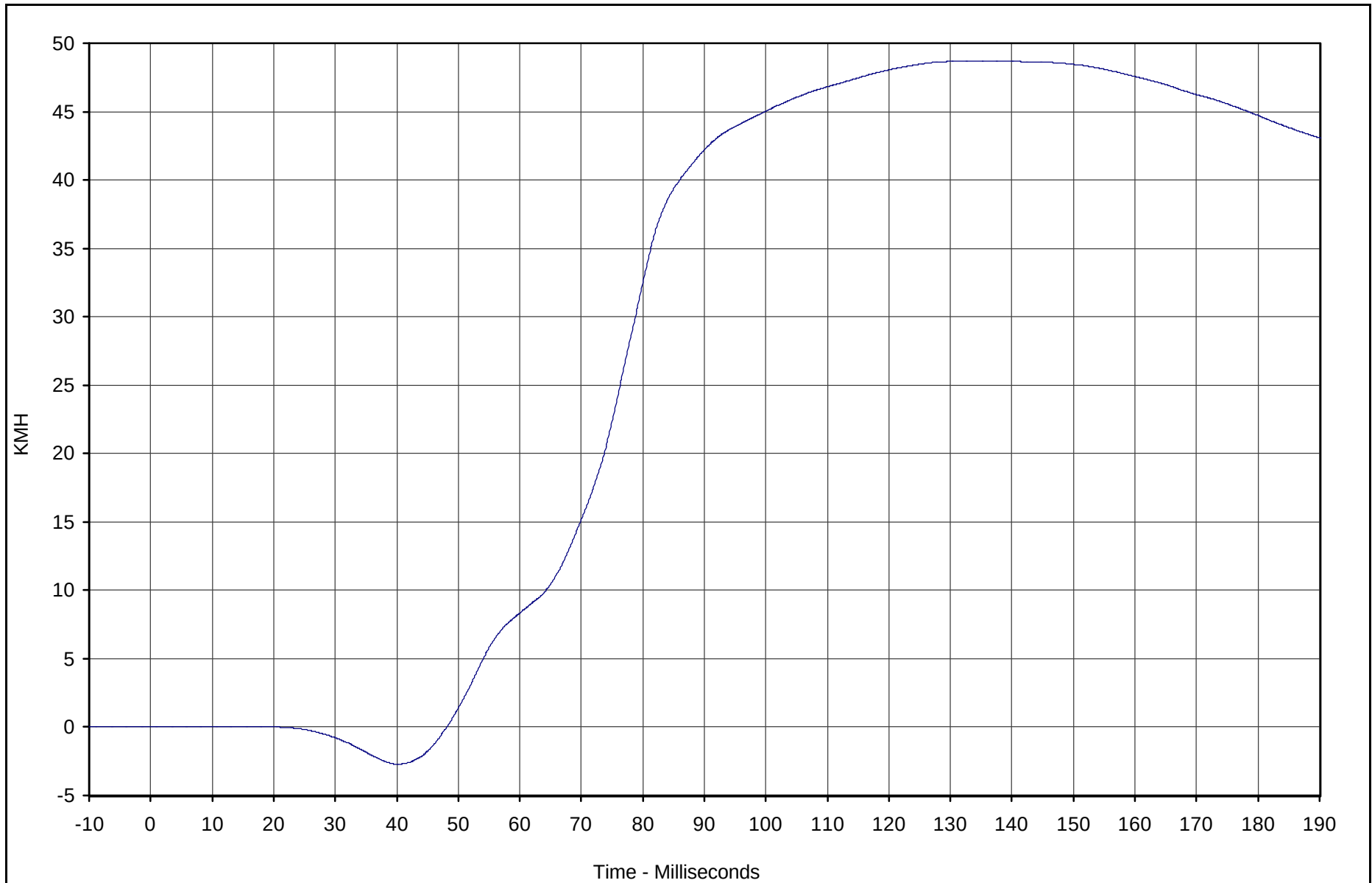


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Redundant Y Velocity	005	IN1	KMH	48.7	137.9	-2.7	40.1	180

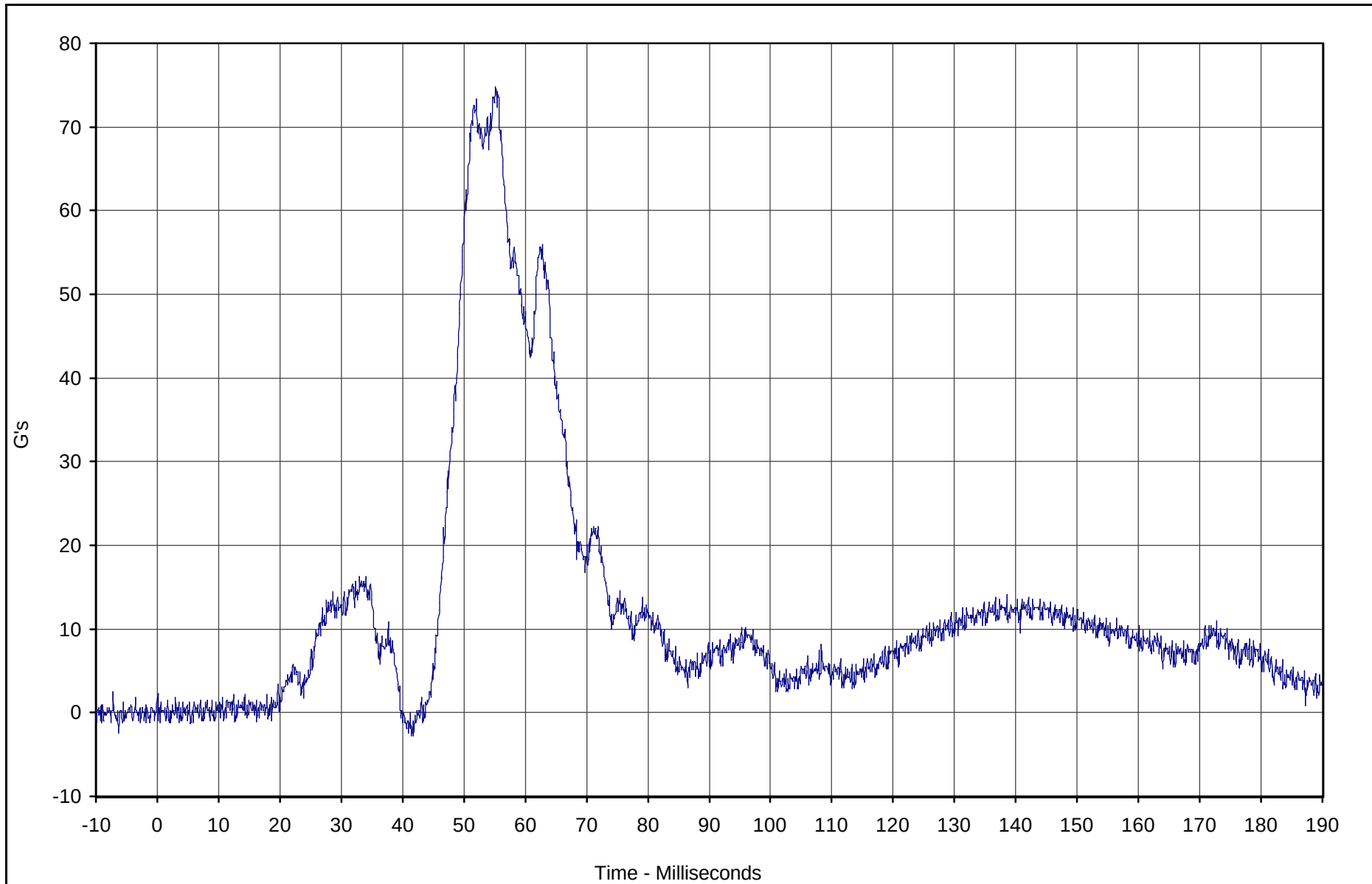


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Redundant Z	006	FIL	G's	74.8	55.2	-2.8	41.4	1000

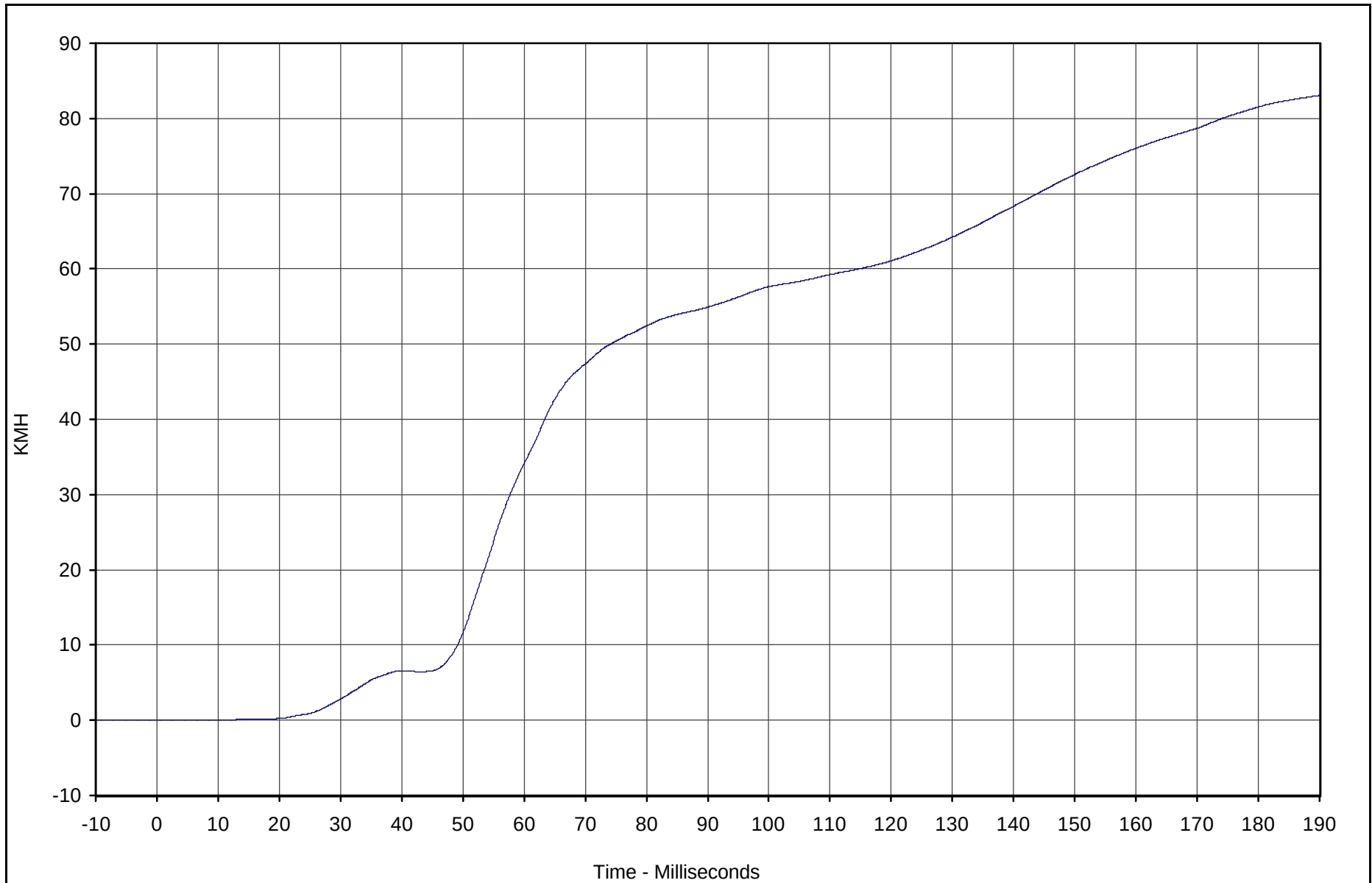


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Redundant Z Velocity	006	IN1	KMH	83.0	189.9	0.0	0.0	180

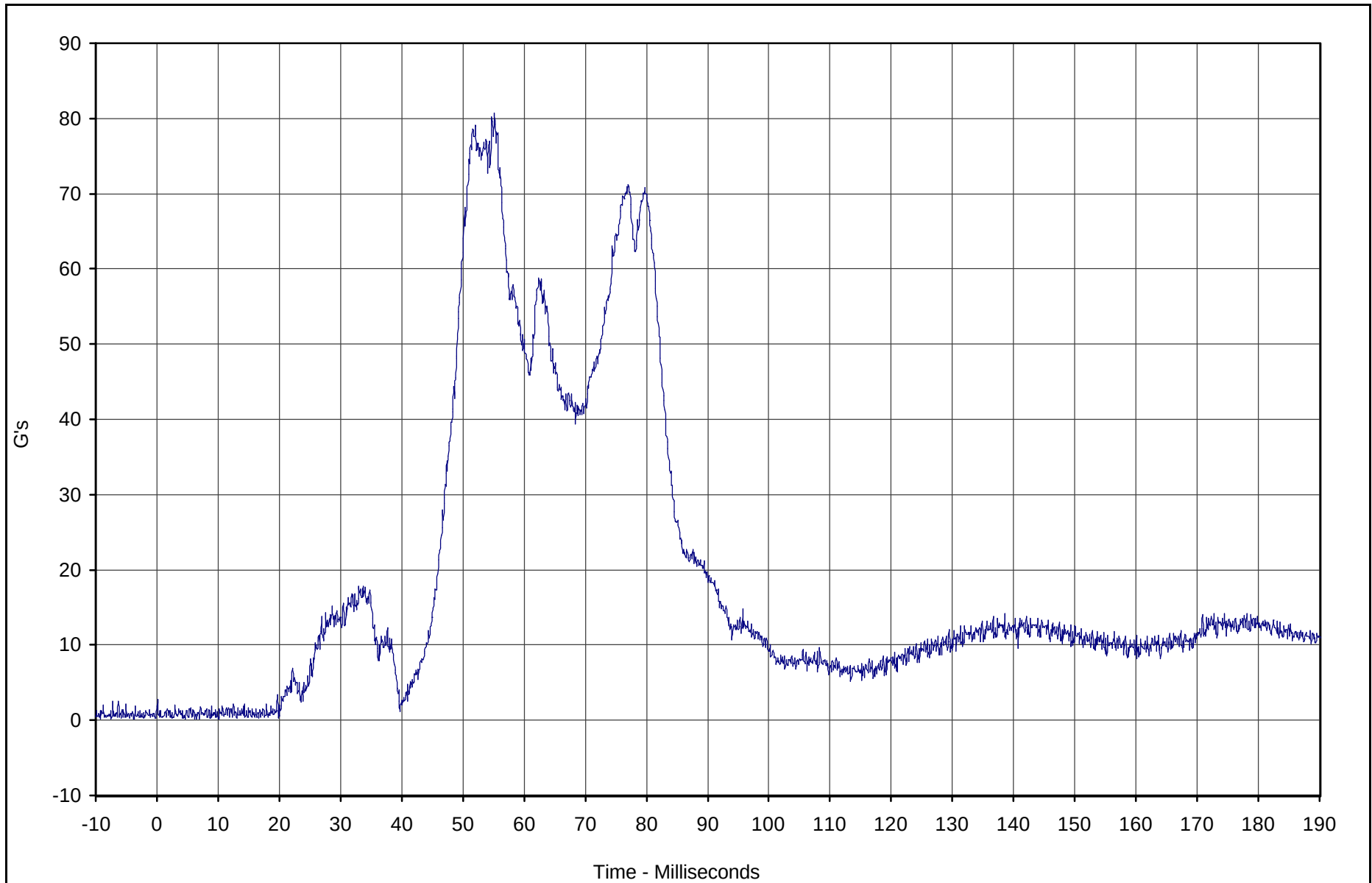


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Resultant Redundant	004	RES	G's	80.7	55.2	0.2	6.2	1000

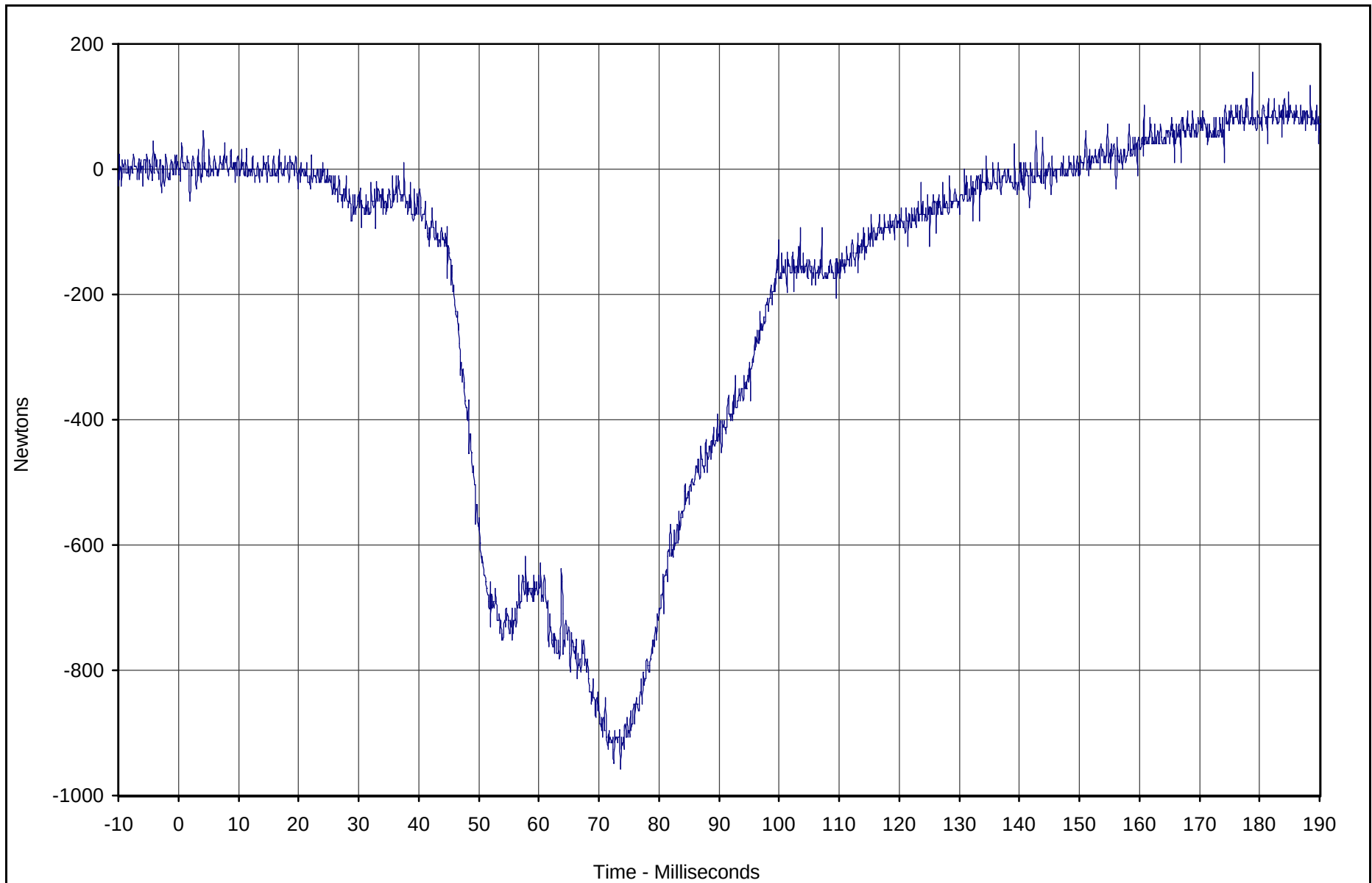


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Force X	007	FIL	Newtons	154.4	178.8	-957.5	73.6	1000

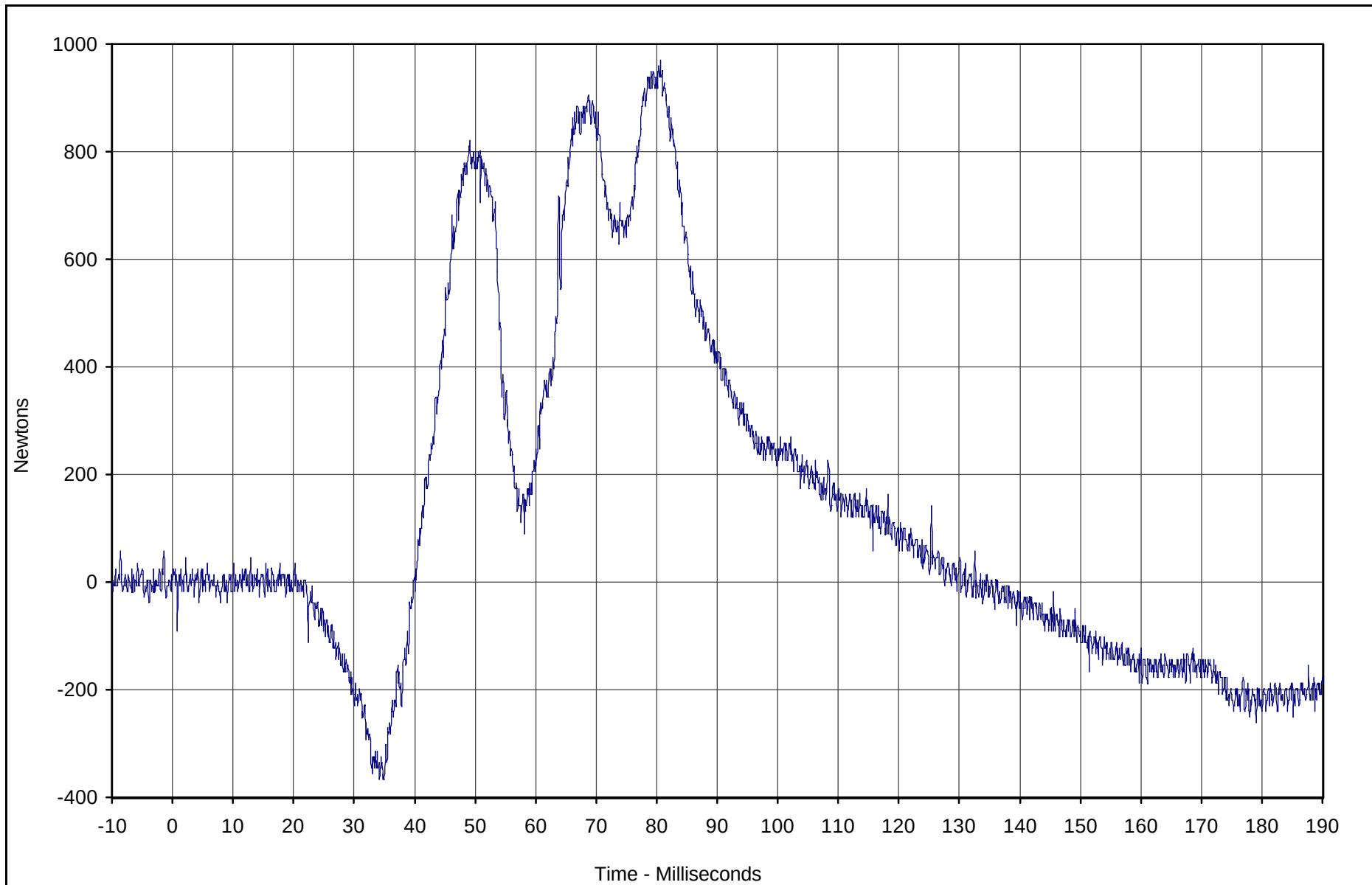


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Force Y	008	FIL	Newtons	969.8	80.6	-367.5	34.2	1000

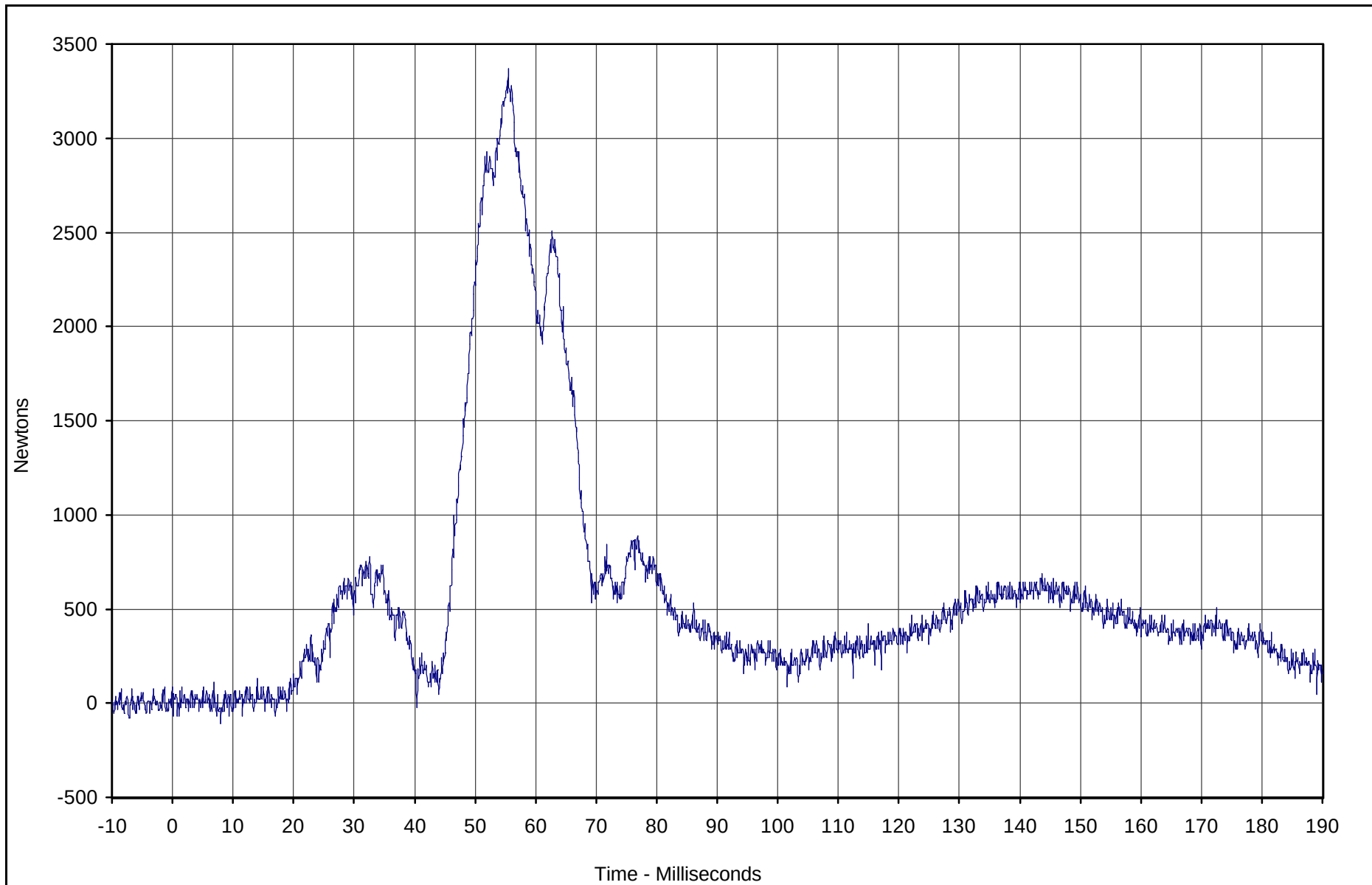


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Force Z	009	FIL	Newtons	3370.1	55.5	-110.9	8.0	1000

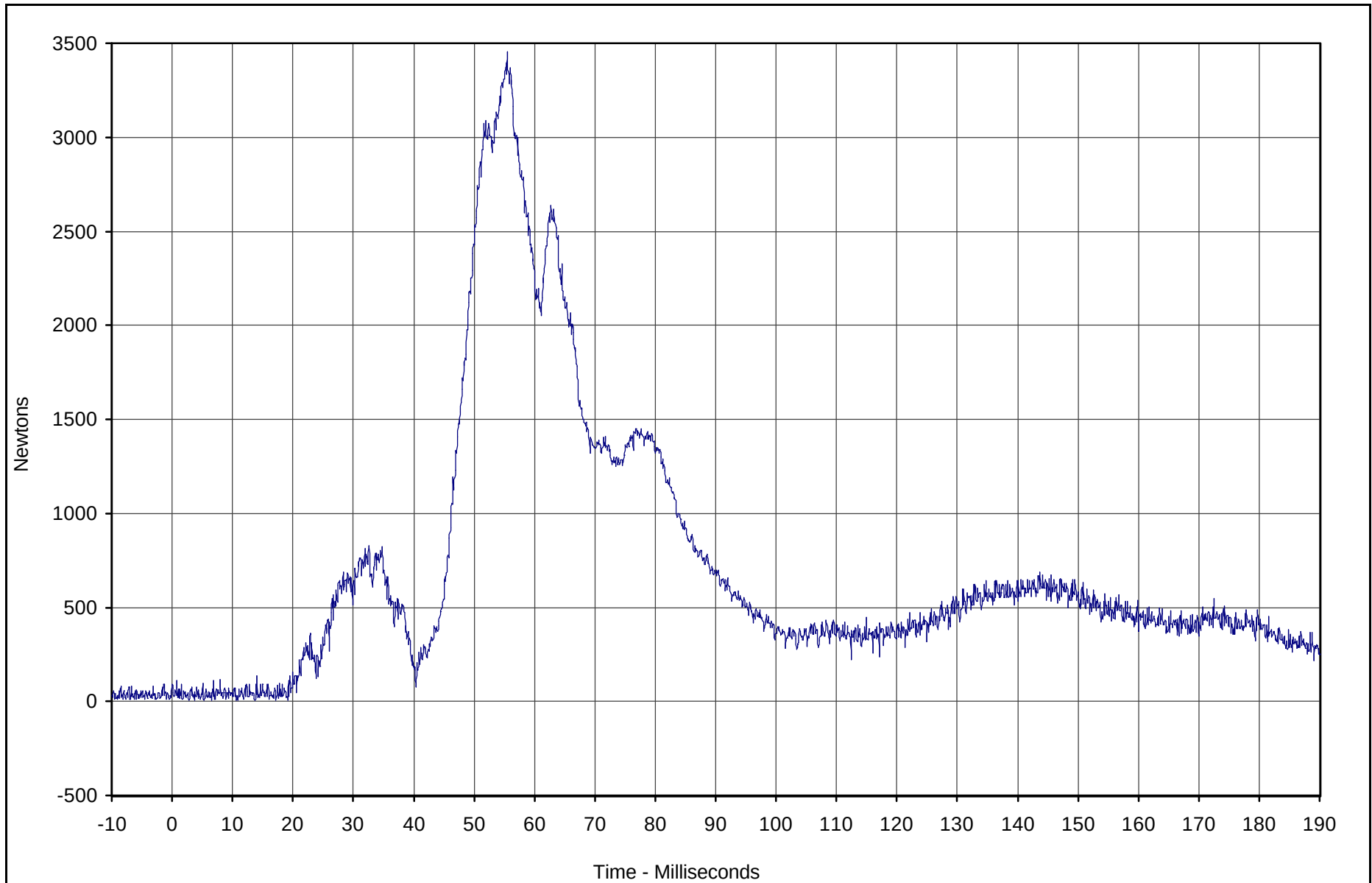


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Force Resultant	007	RES	Newtons	3452.6	55.5	4.0	2.8	1000

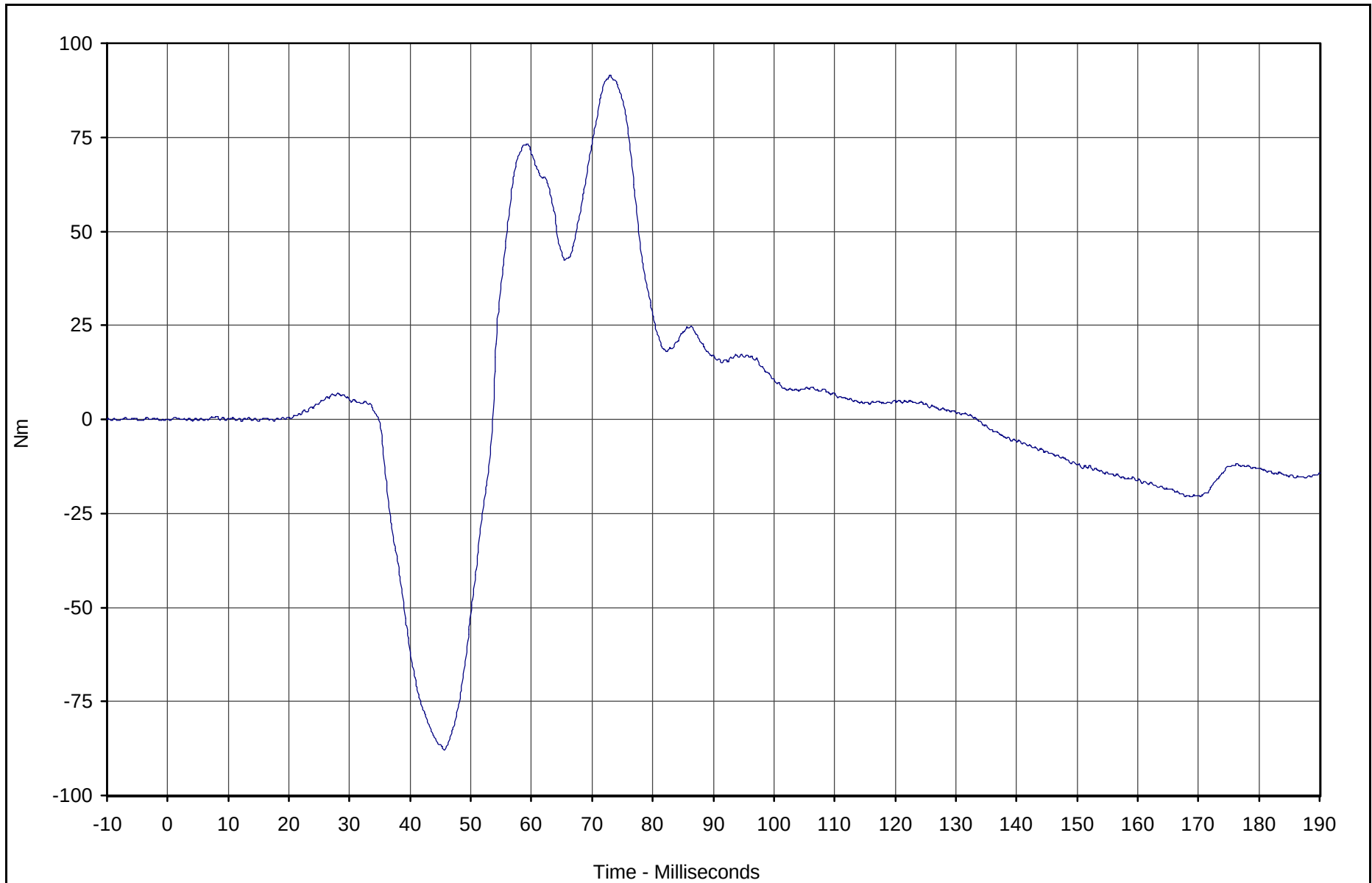


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Moment X	010	FIL	Nm	91.4	73.0	-88.0	45.7	600

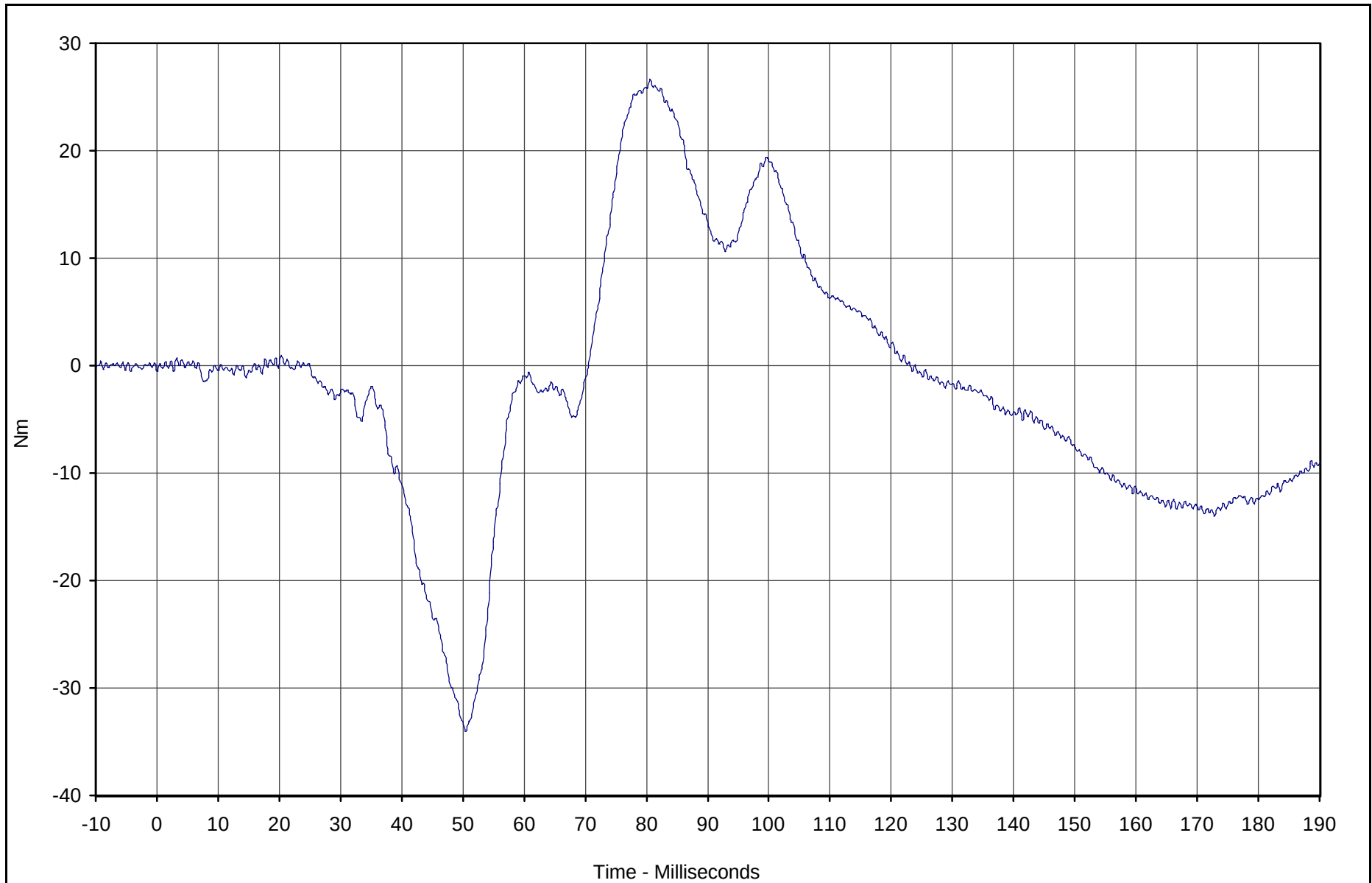


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Moment Y	011	FIL	Nm	26.7	80.6	-34.1	50.5	600

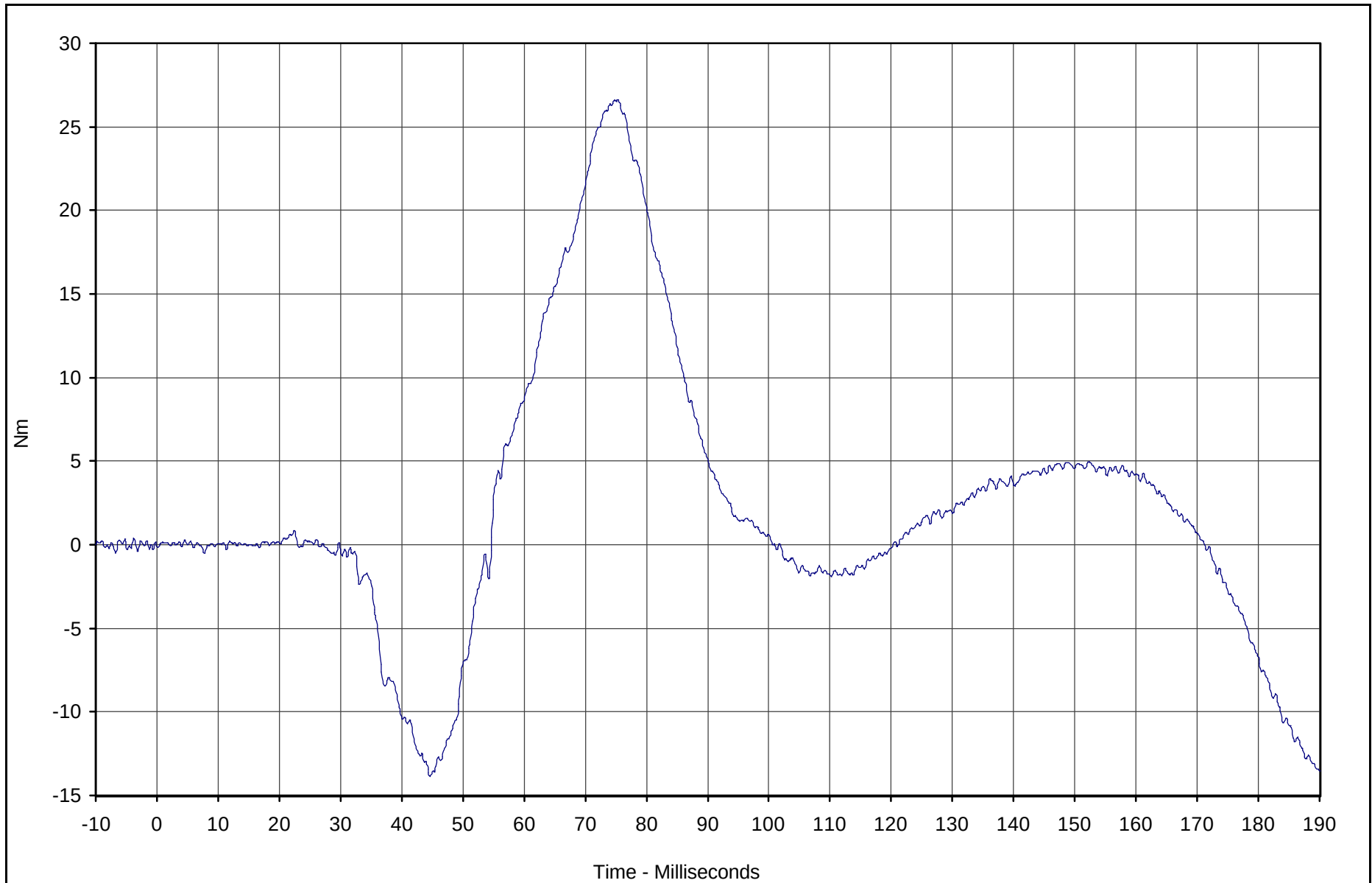


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Moment Z	012	FIL	Nm	26.6	74.8	-13.8	44.6	600

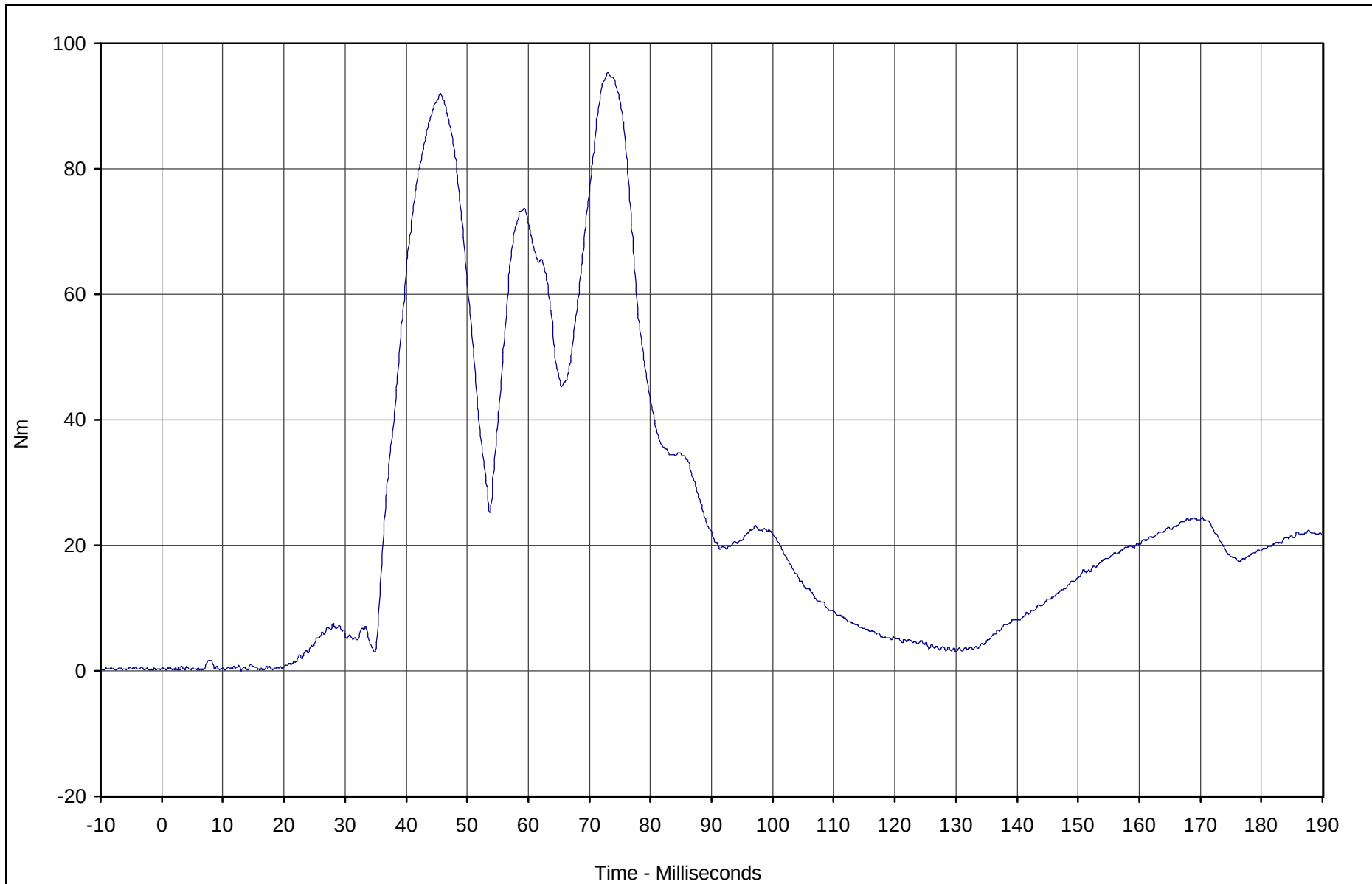


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Neck Moment Resultant	010	RES	Nm	95.4	73.0	0.1	13.0	600

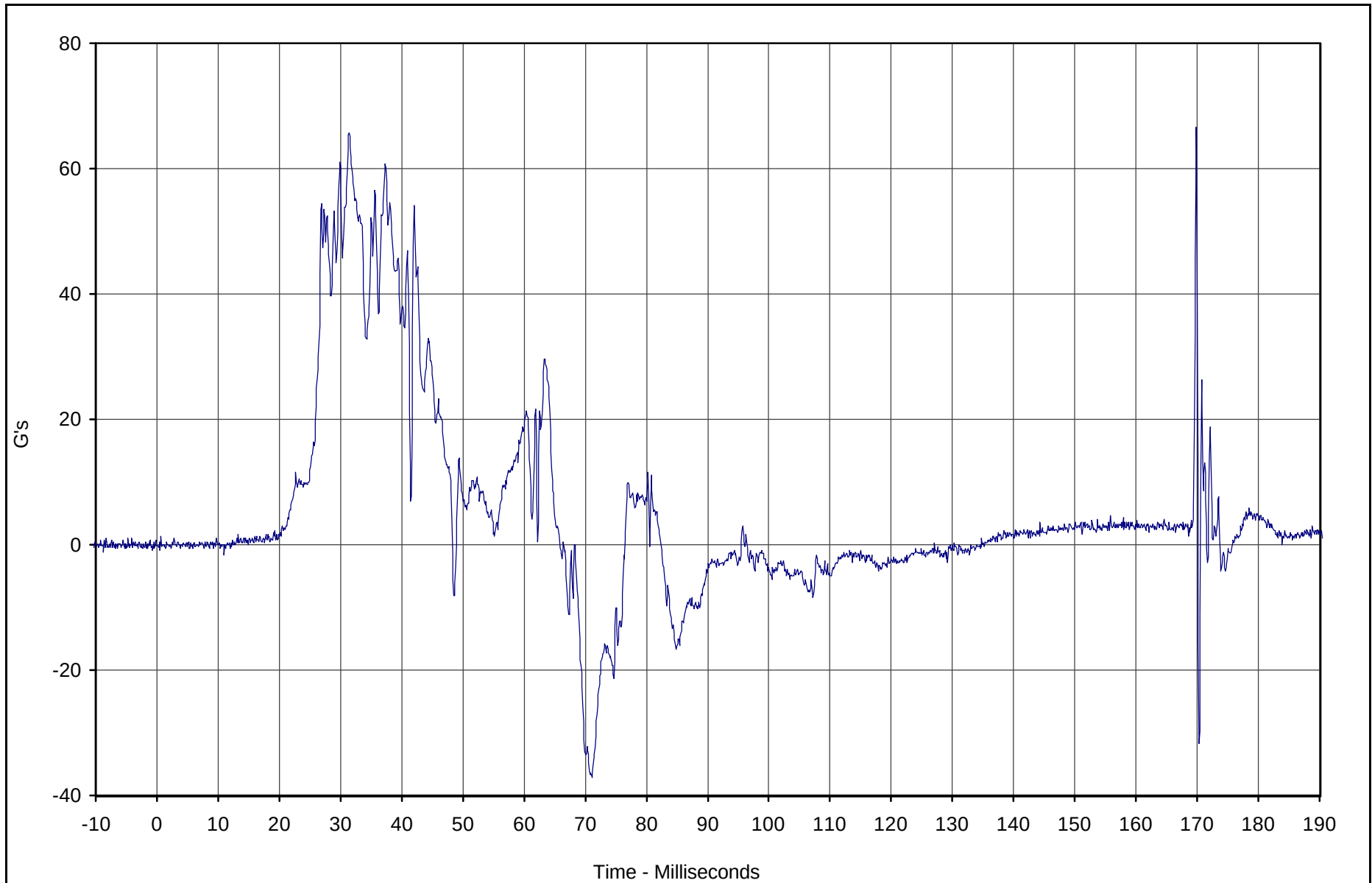


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Rib Primary Y	013	FIL	G's	66.6	169.9	-37.2	71.1	1000

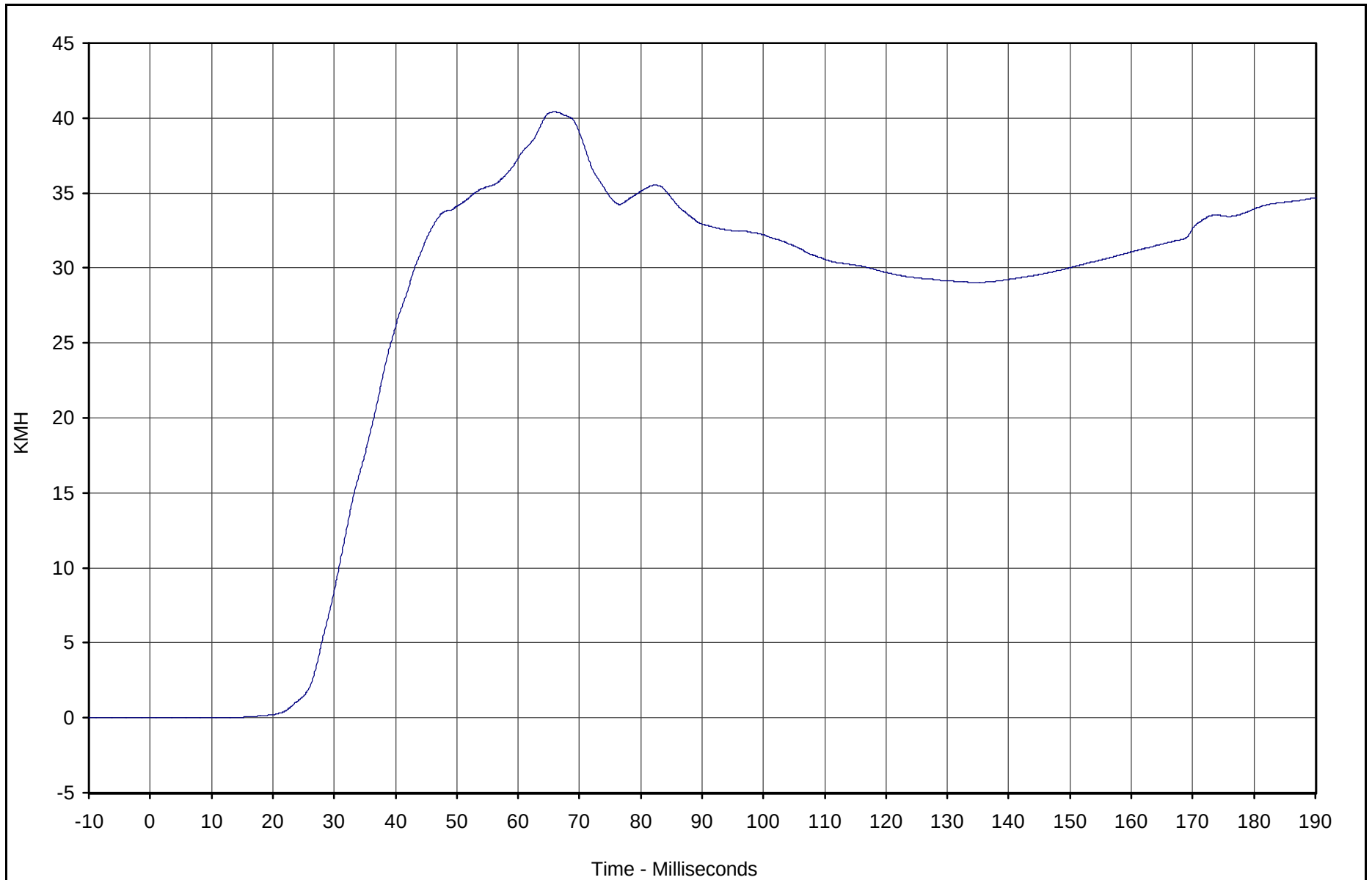


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Rib Primary Y Velocity	013	IN1	KMH	40.4	65.9	0.0	12.0	180

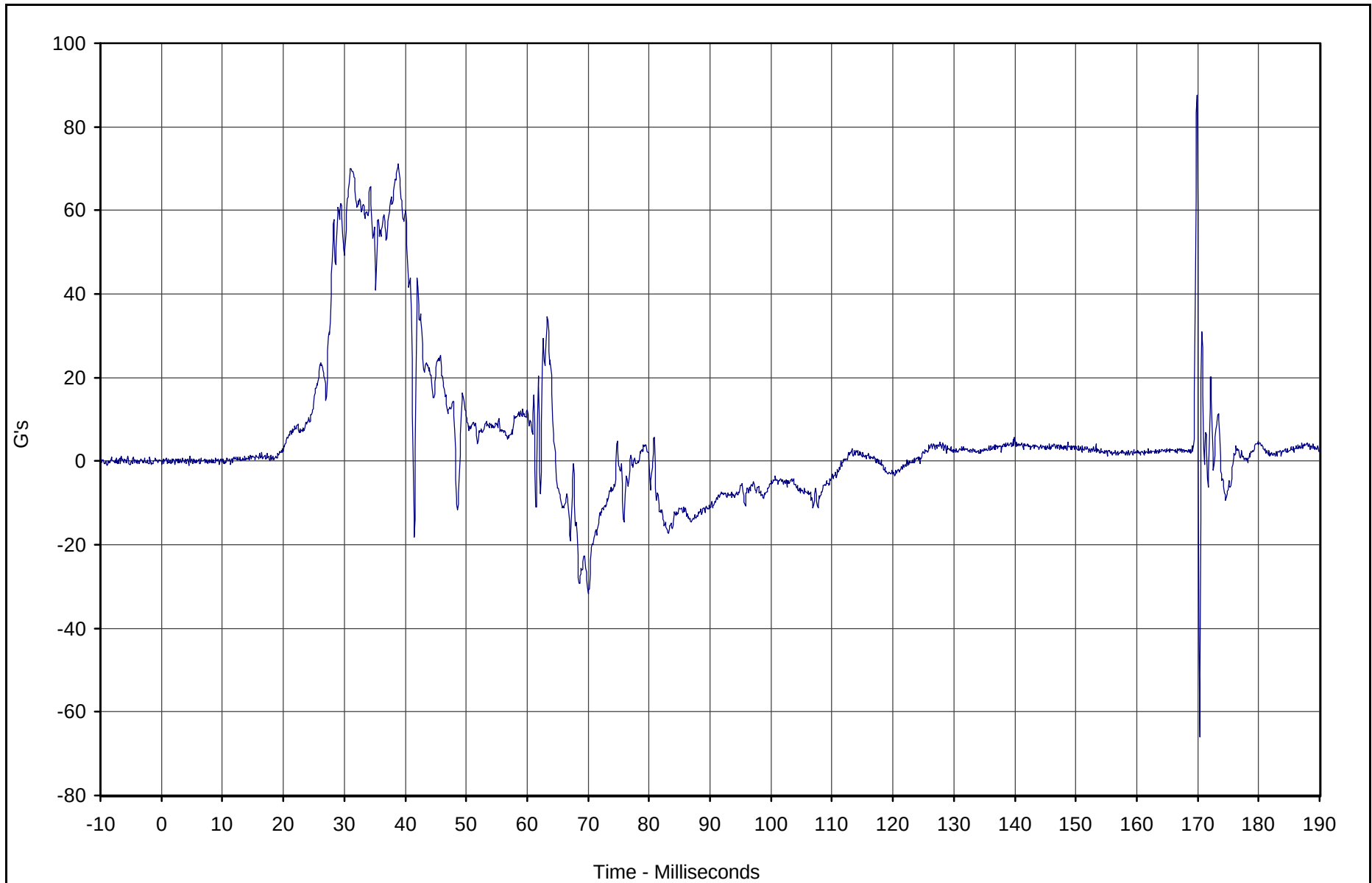


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Rib Primary Y	014	FIL	G's	87.6	169.9	-66.0	170.3	1000

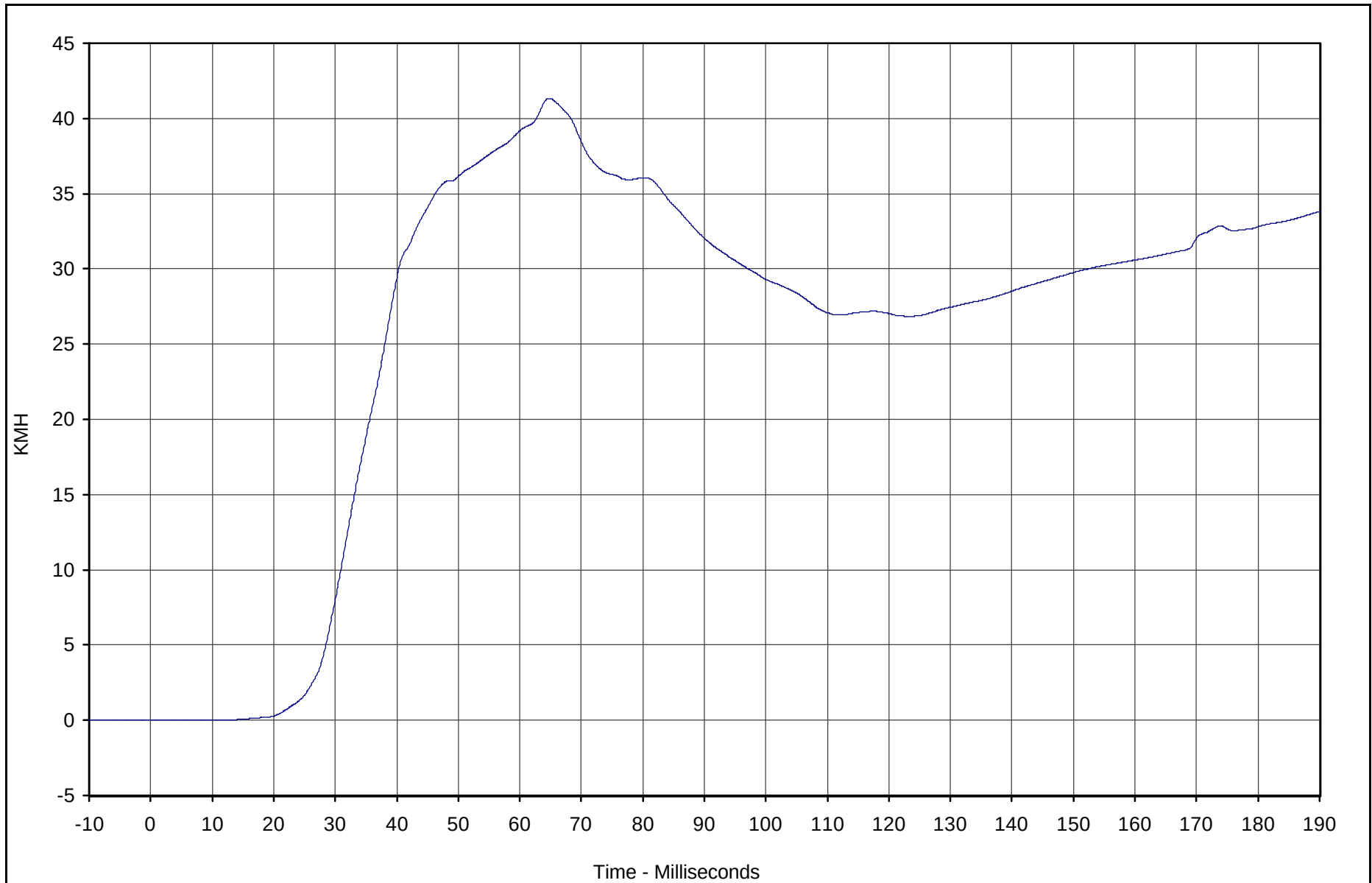


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Rib Primary Y Velocity	014	IN1	KMH	41.3	64.8	0.0	1.7	180

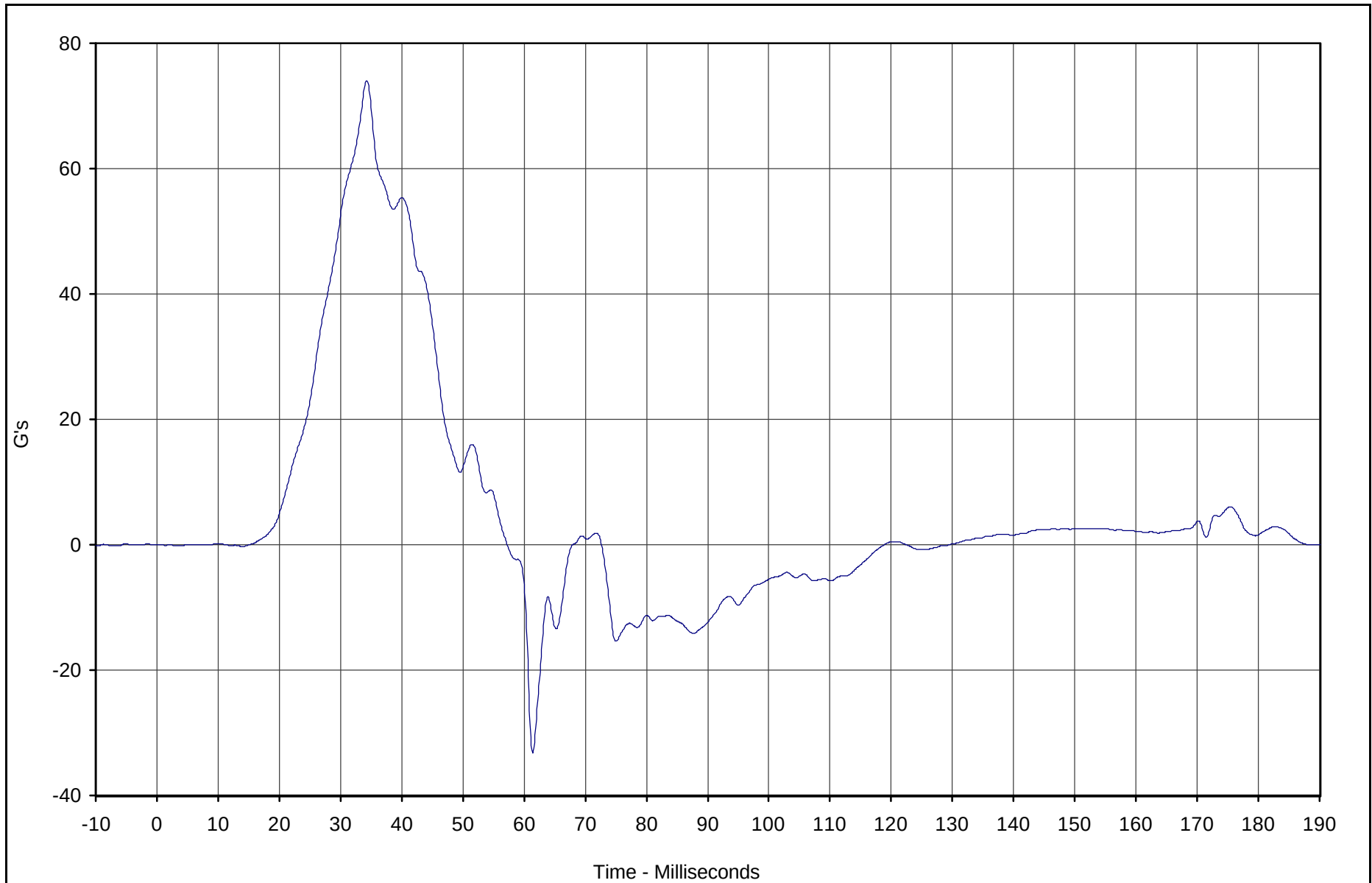


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Spine Primary Y	015	FIL	G's	74.0	34.3	-33.2	61.4	180

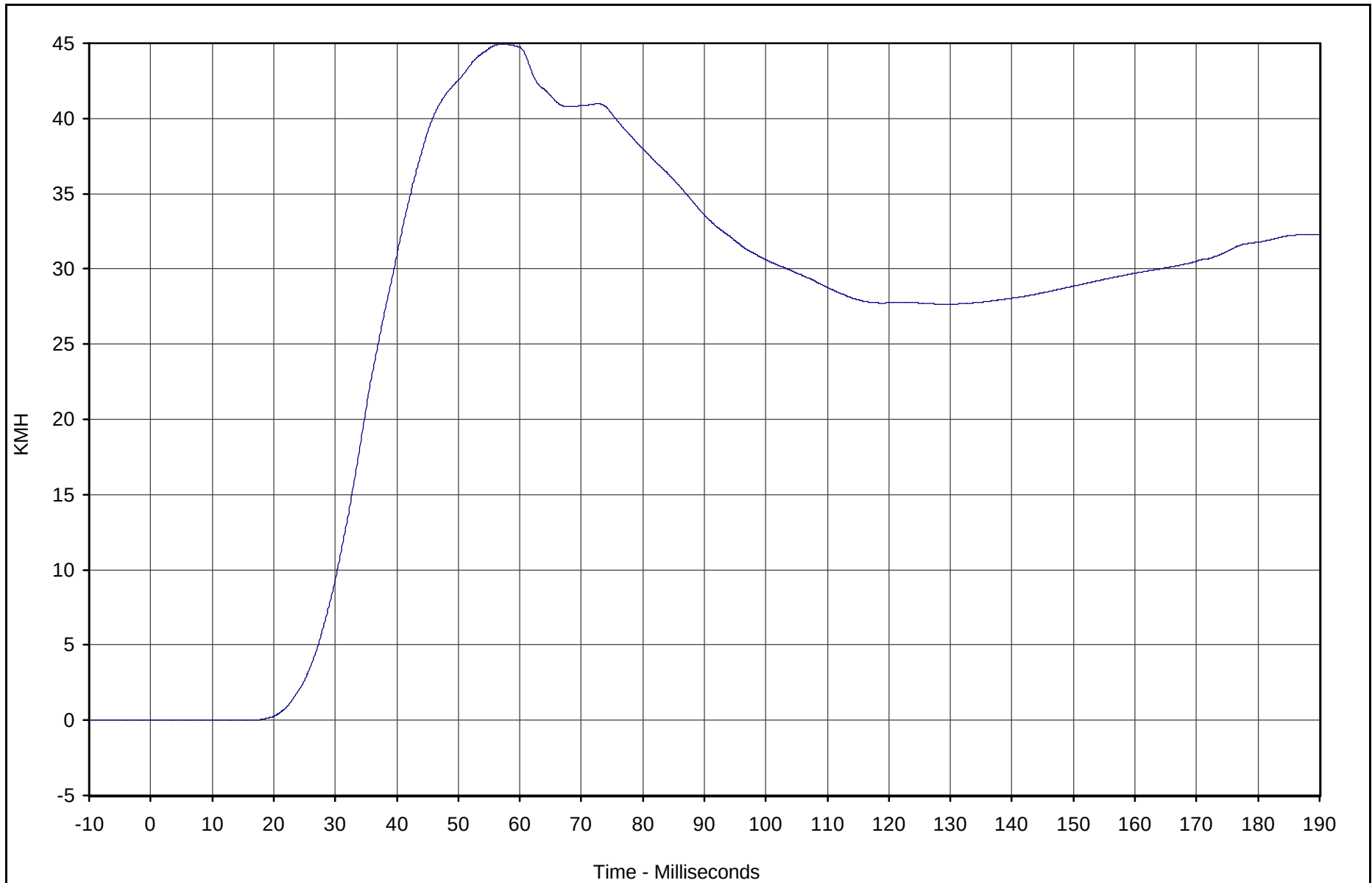


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Spine Primary Y Velocity	015	IN1	KMH	44.9	57.3	0.0	15.1	180

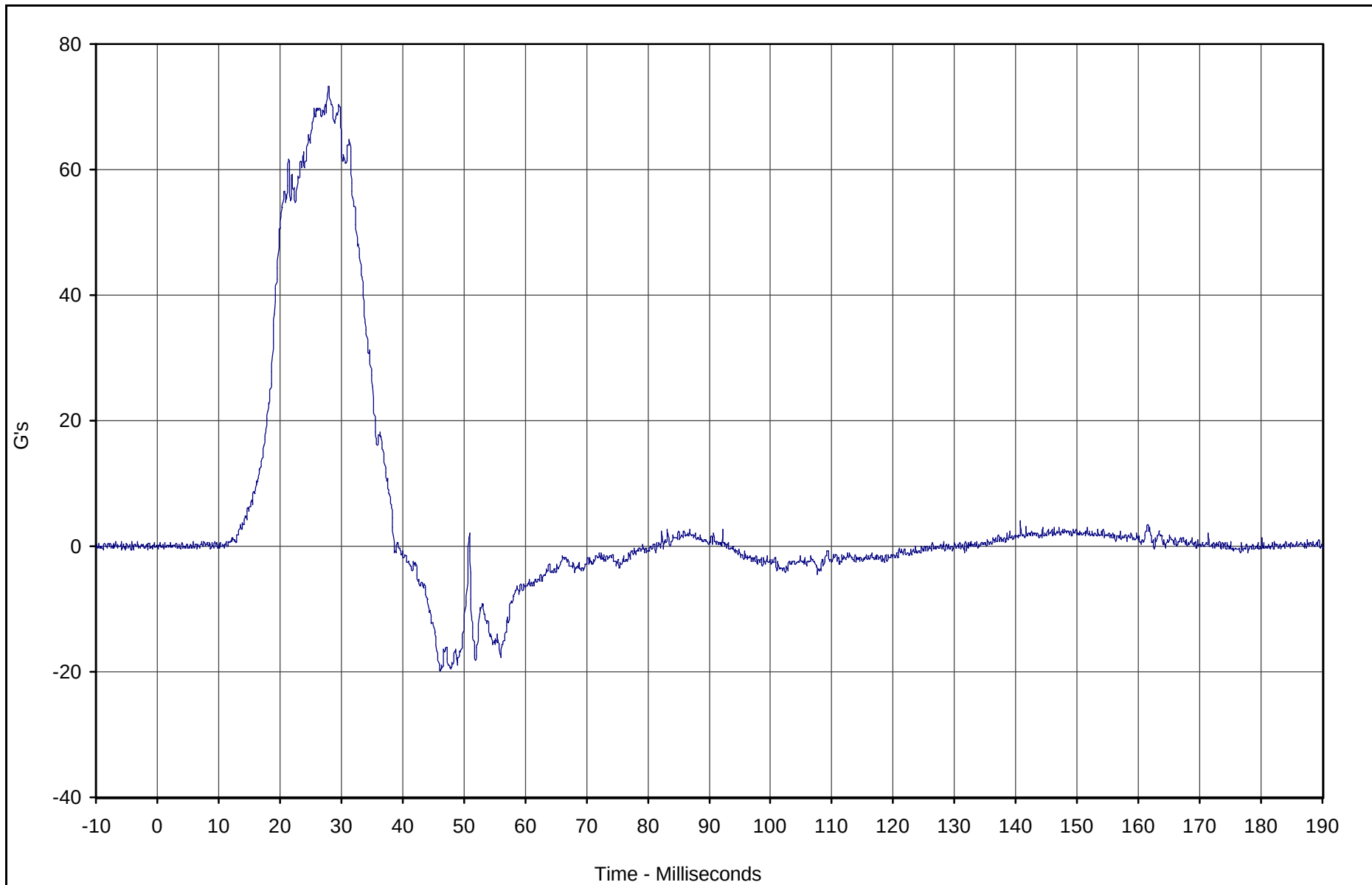


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Pelvis Primary Y	016	FIL	G's	73.2	27.8	-19.8	46.2	1000

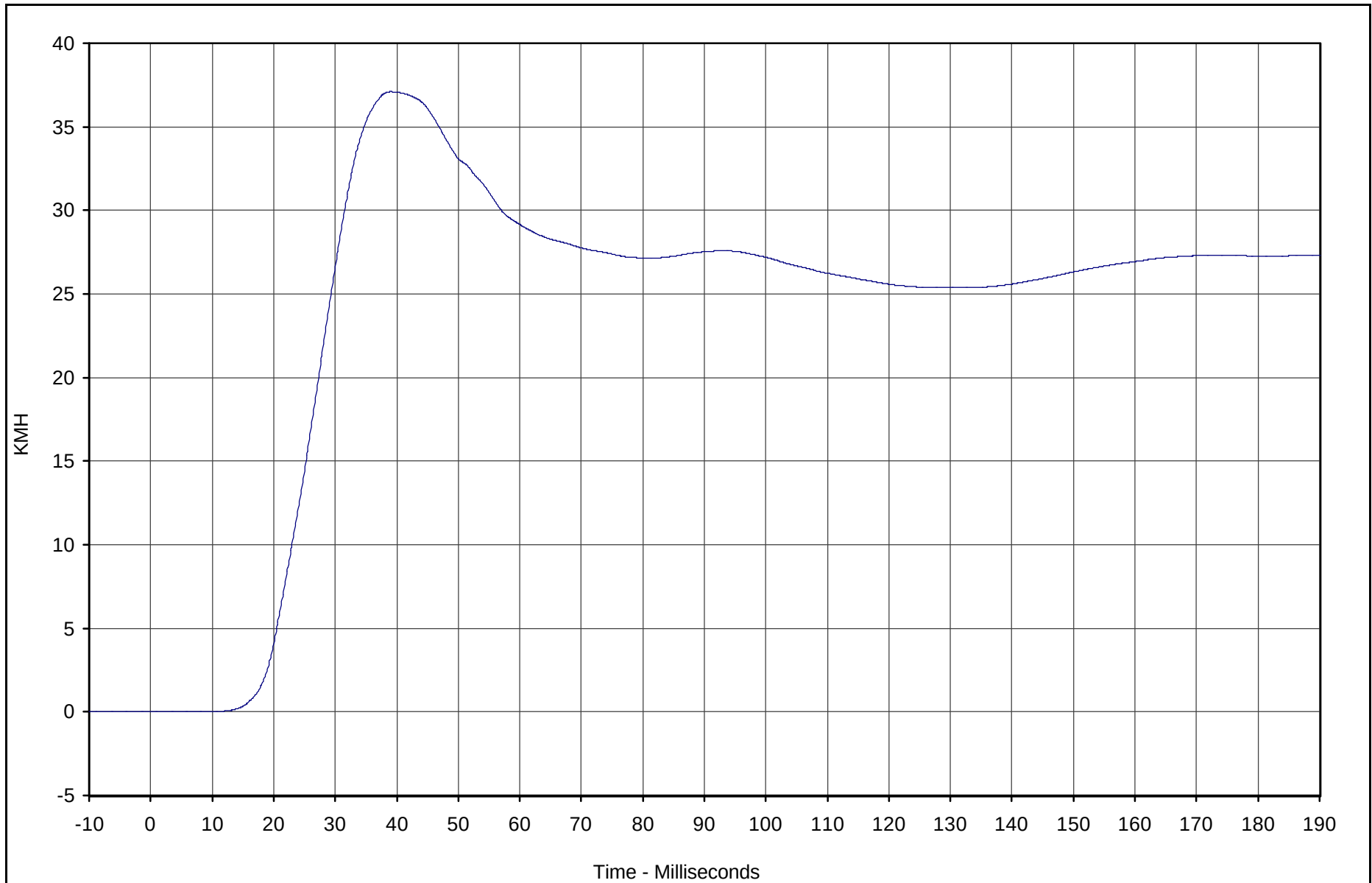


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Pelvis Primary Y Velocity	016	IN1	KMH	37.1	39.1	0.0	0.0	180

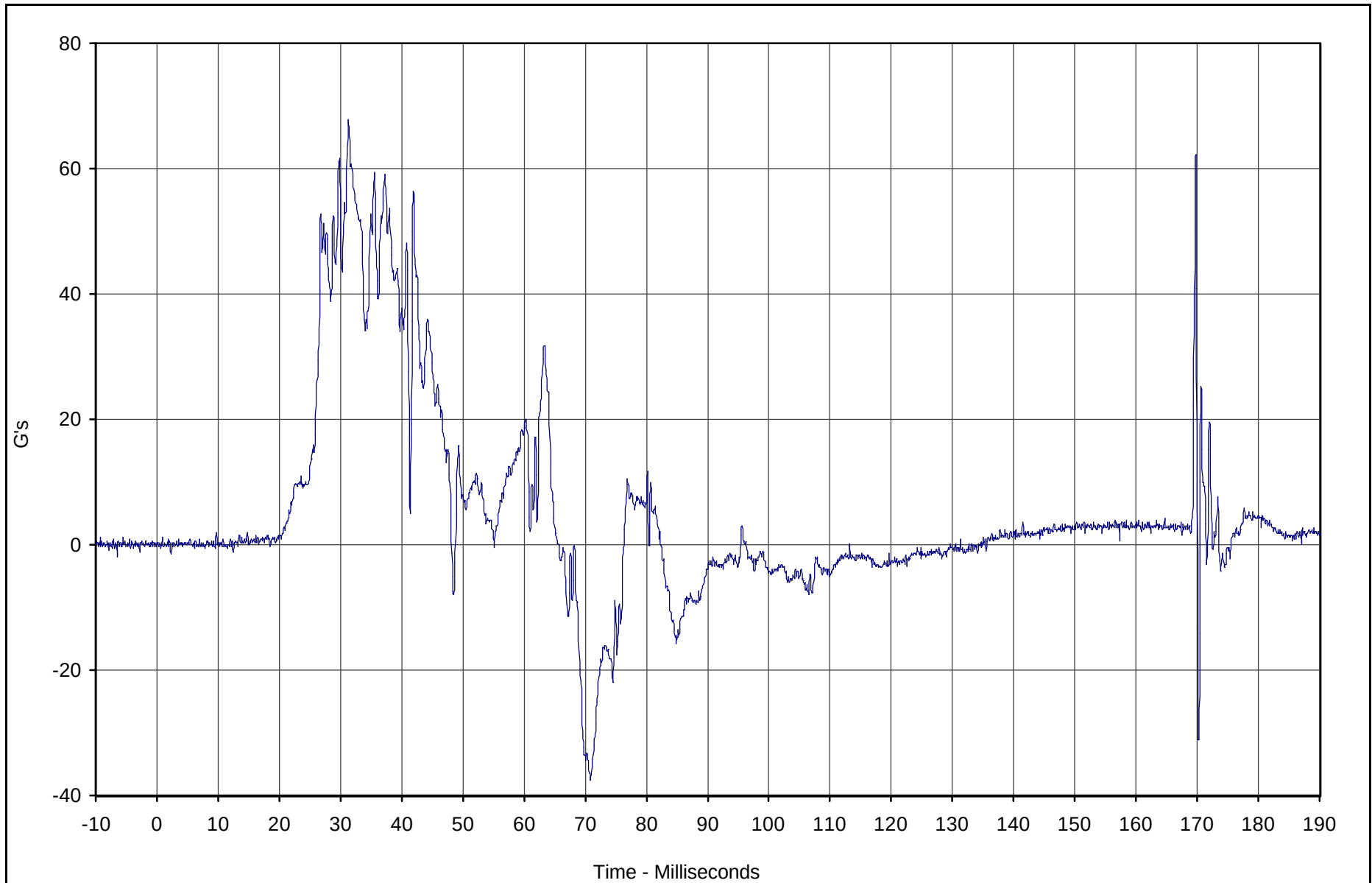


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Rib Redundant Y	017	FIL	G's	67.8	31.3	-37.6	70.9	1000

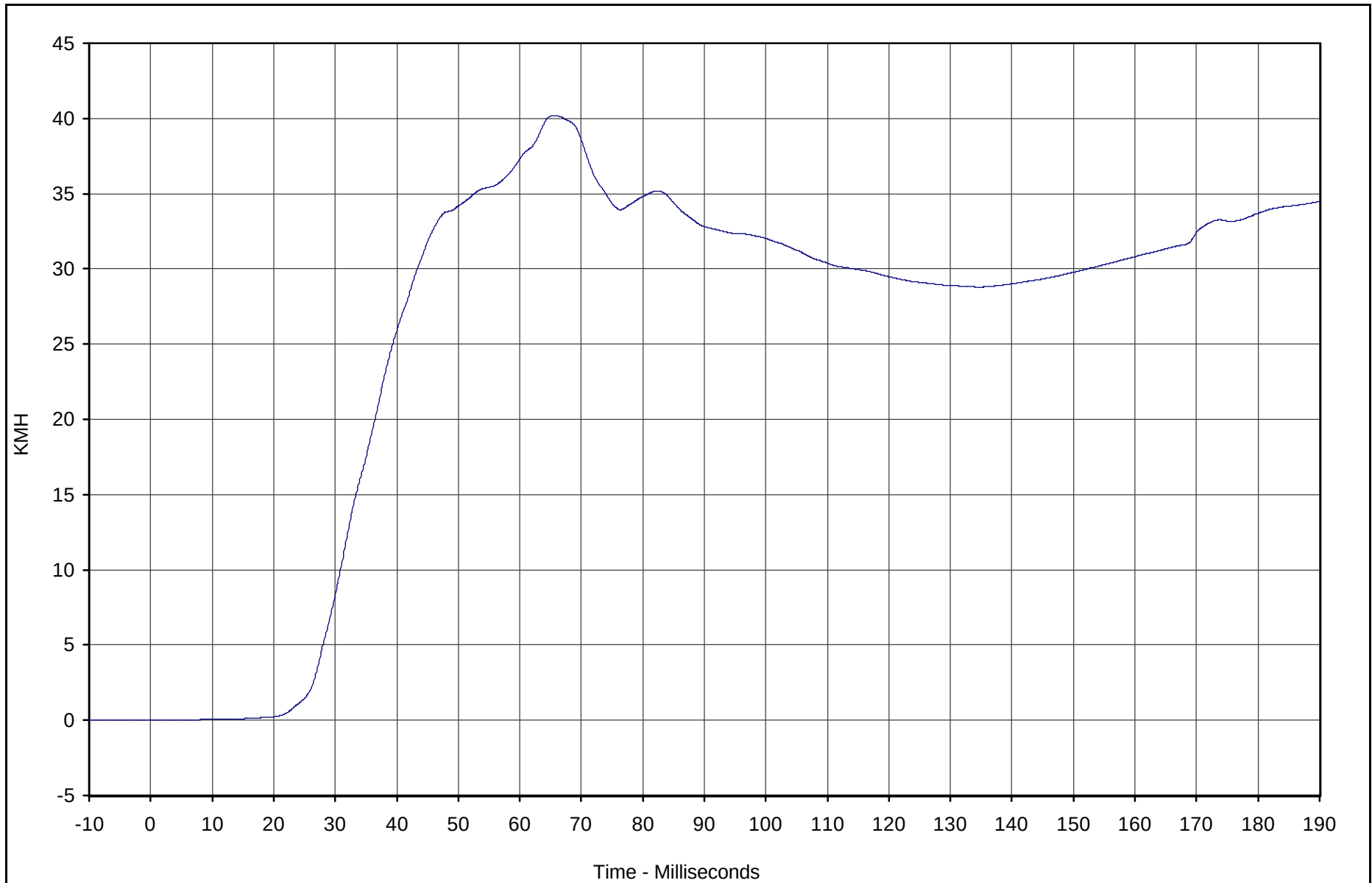


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Rib Redundant Y Velocity	017	IN1	KMH	40.2	65.5	0.0	0.0	180

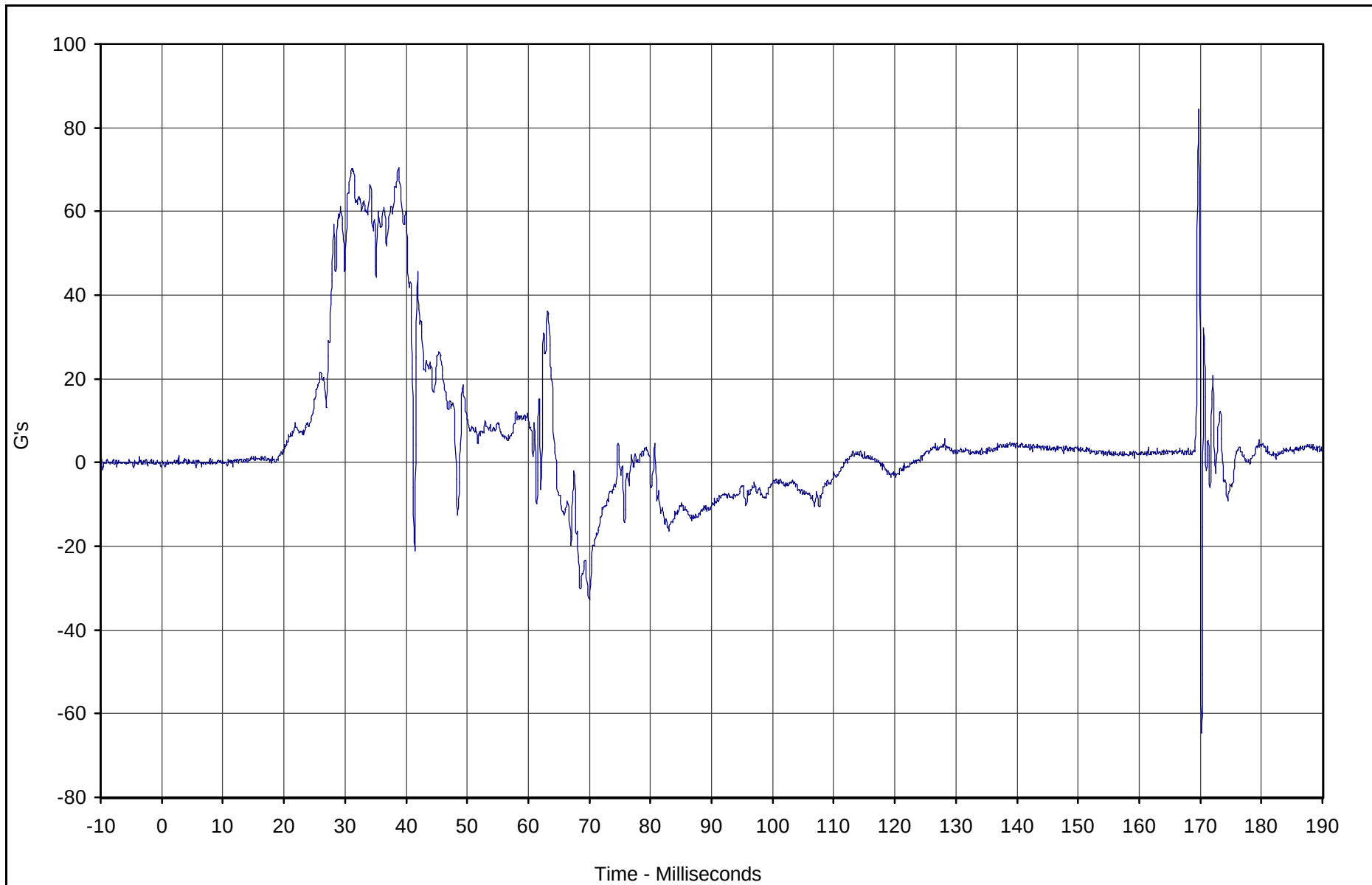


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Rib Redundant Y	018	FIL	G's	84.4	169.7	-64.6	170.2	1000

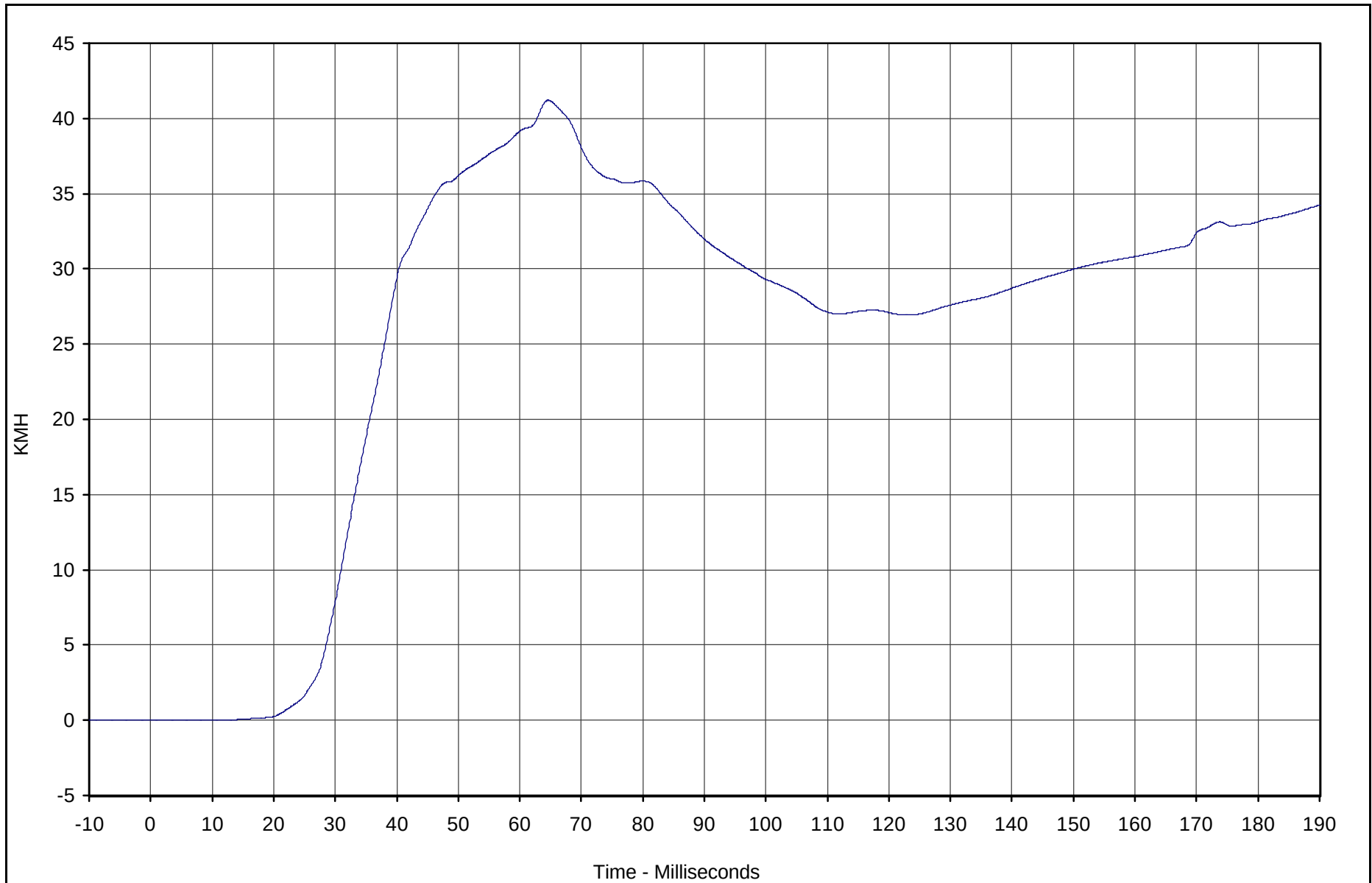


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Rib Redundant Y Velocity	018	IN1	KMH	41.2	64.6	0.0	1.8	180

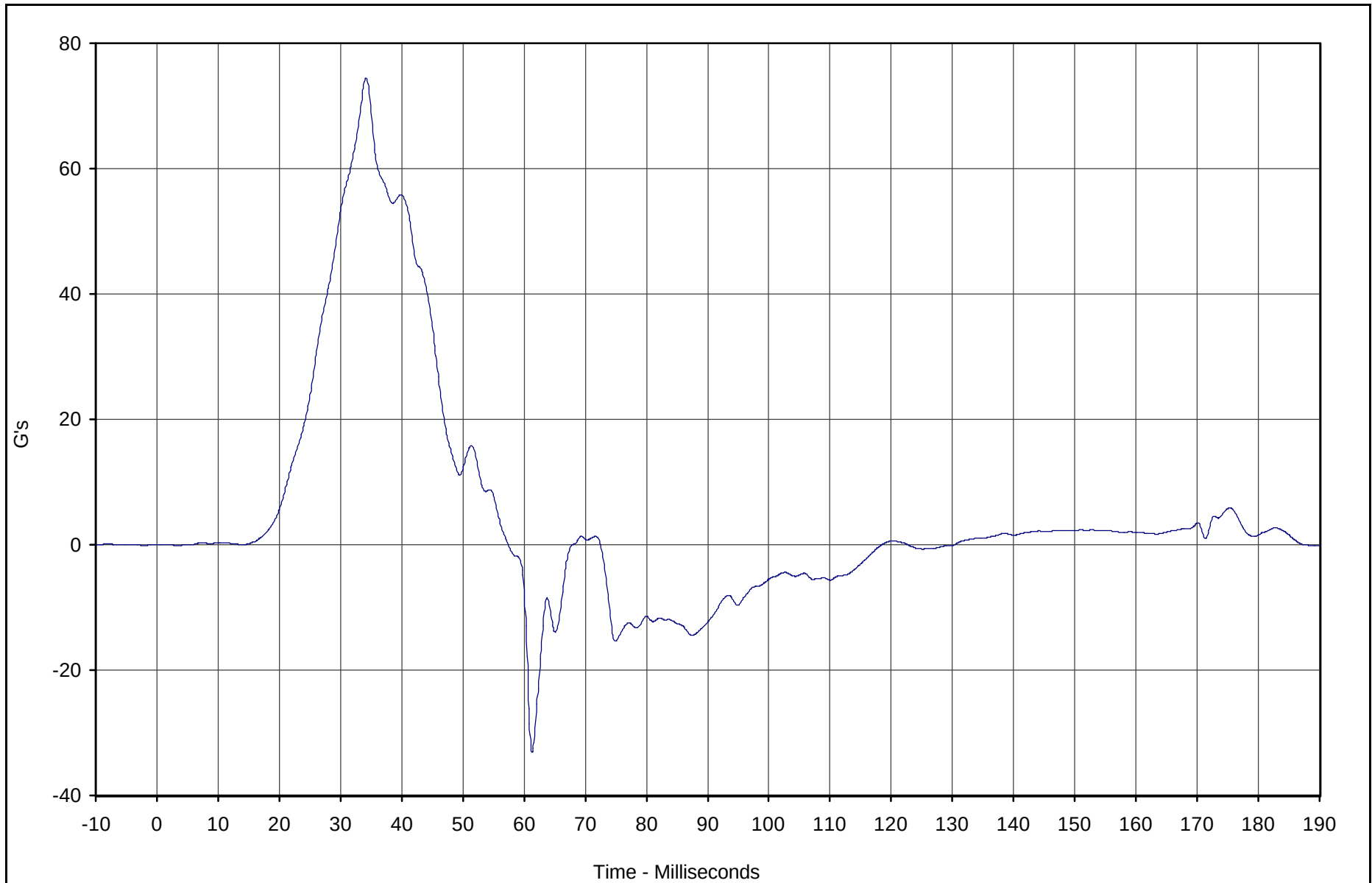


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Spine Redundant Y	019	FIL	G's	74.5	34.2	-33.1	61.3	180

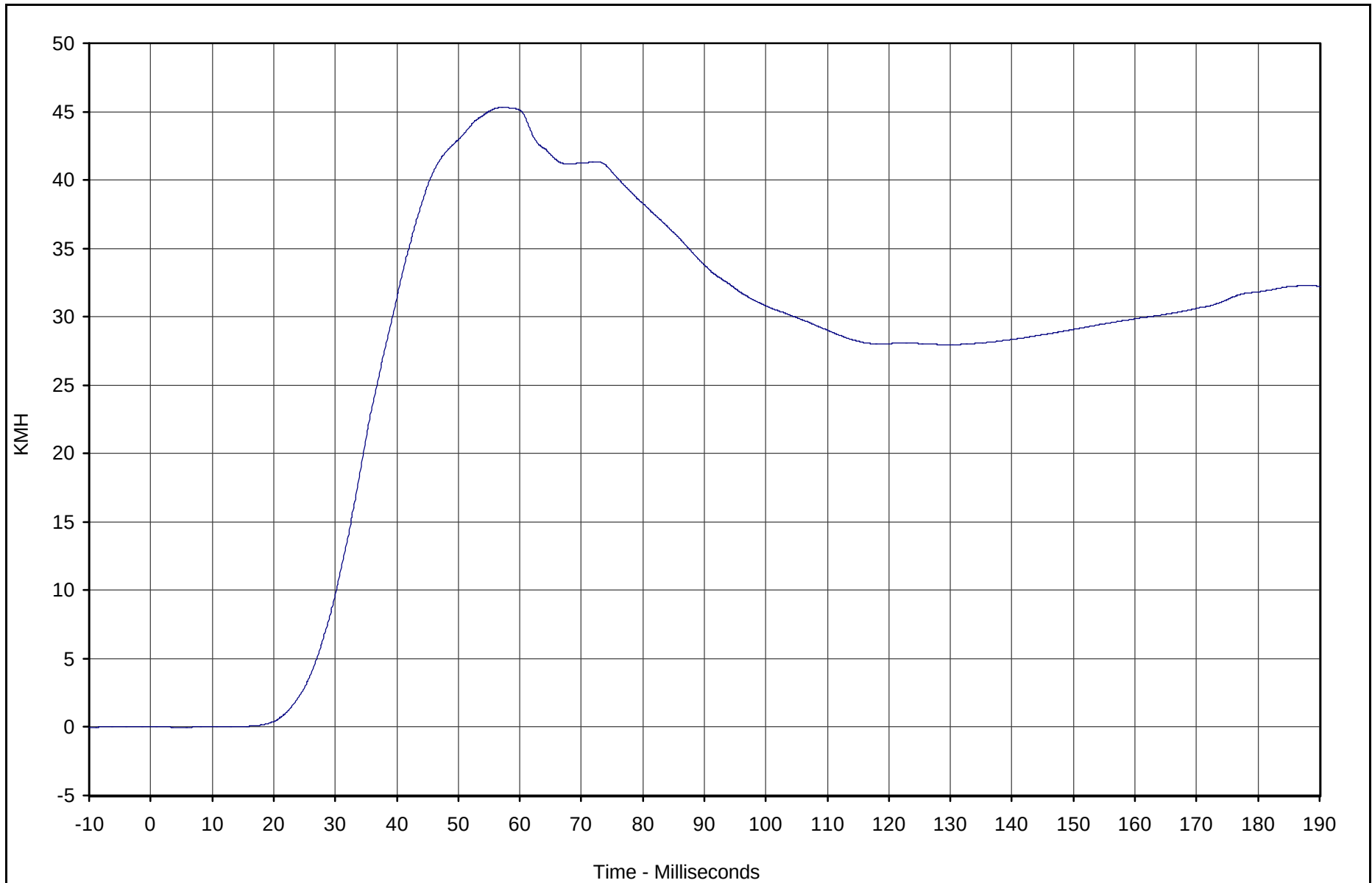


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Spine Redundant Y Velocity	019	IN1	KMH	45.3	57.4	0.0	5.4	180

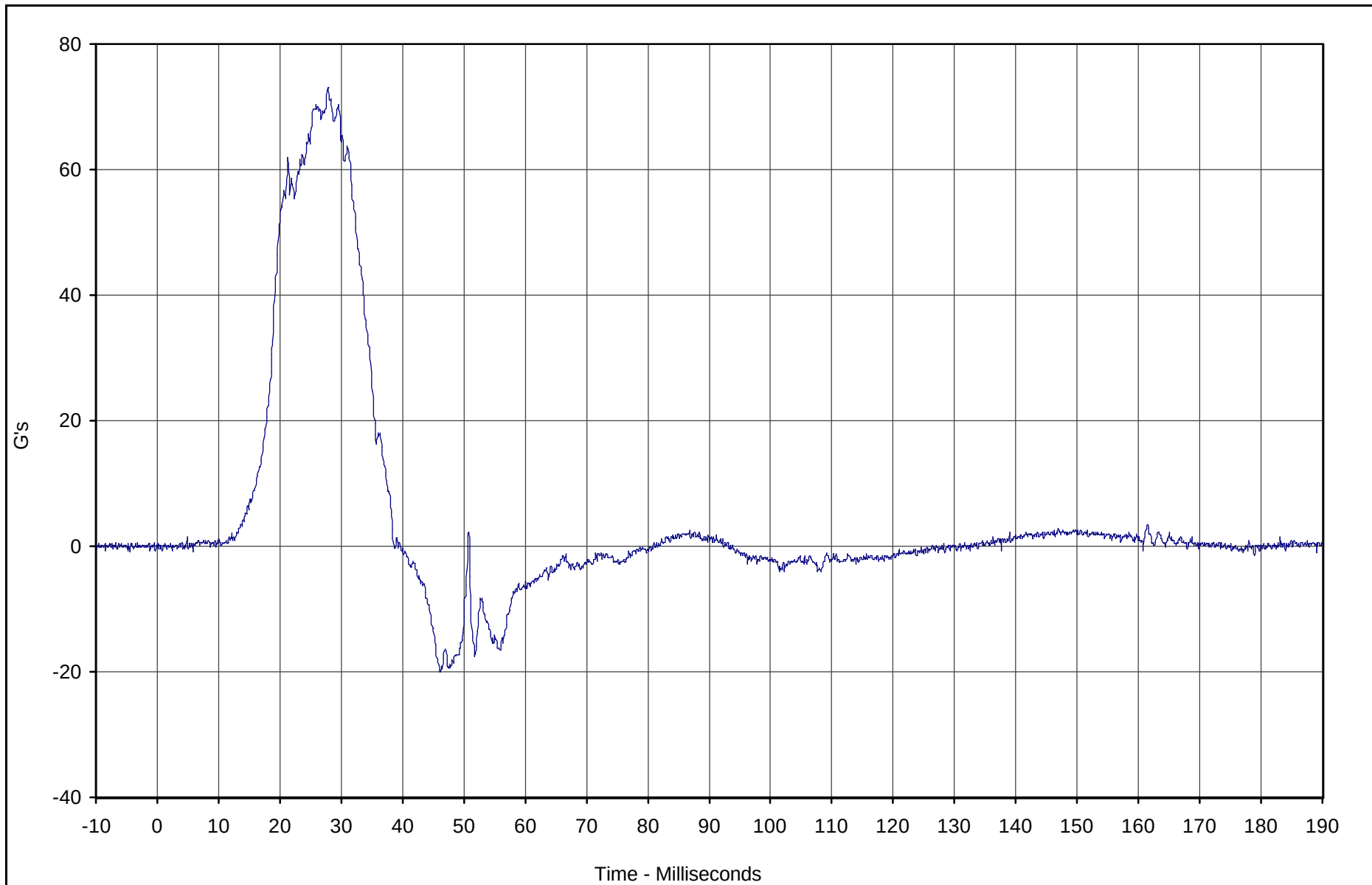


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Pelvis Redundant Y	020	FIL	G's	73.1	27.8	-20.0	46.1	1000

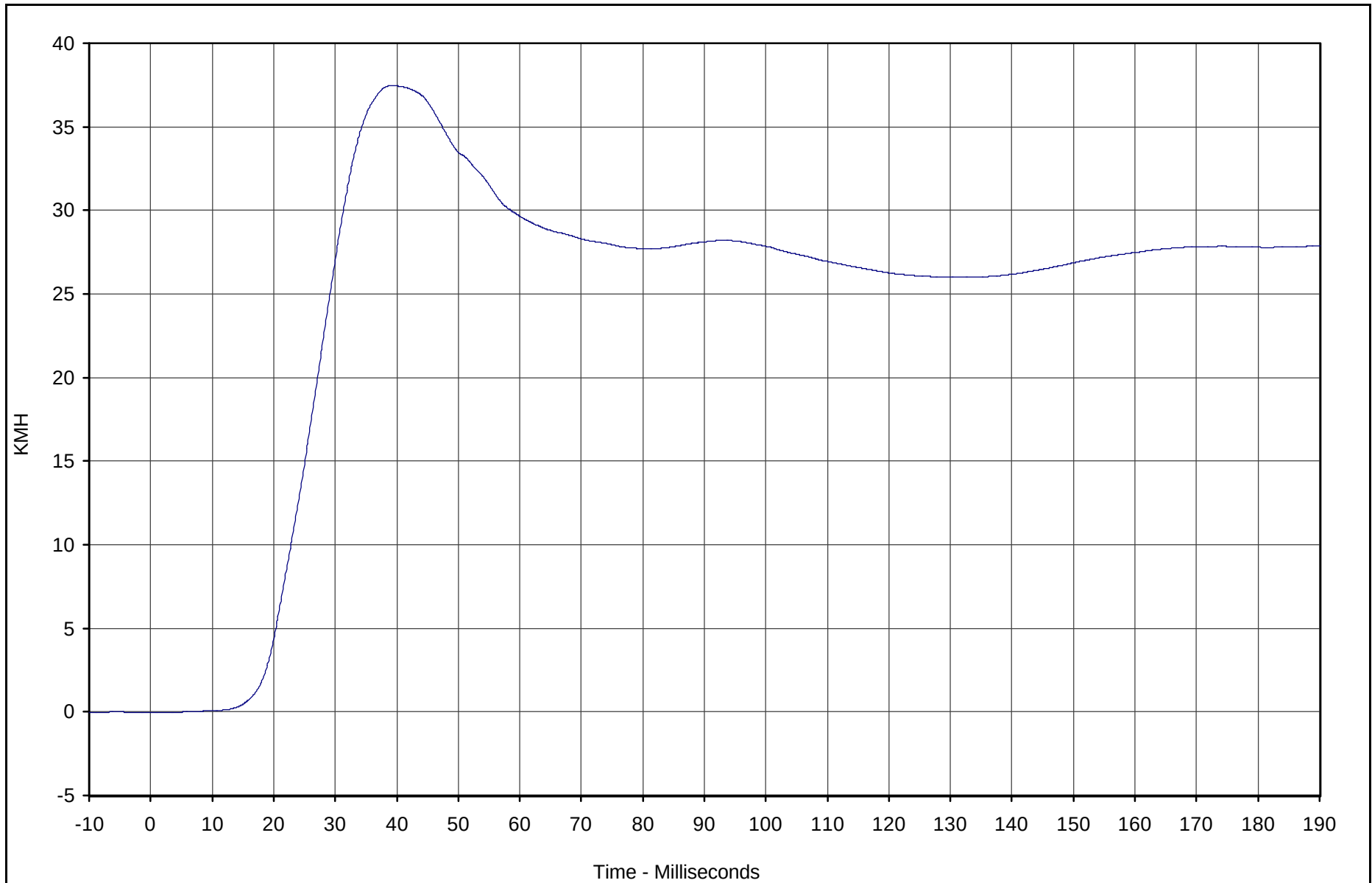


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Pelvis Redundant Y Velocity	020	IN1	KMH	37.5	39.3	0.0	3.2	180

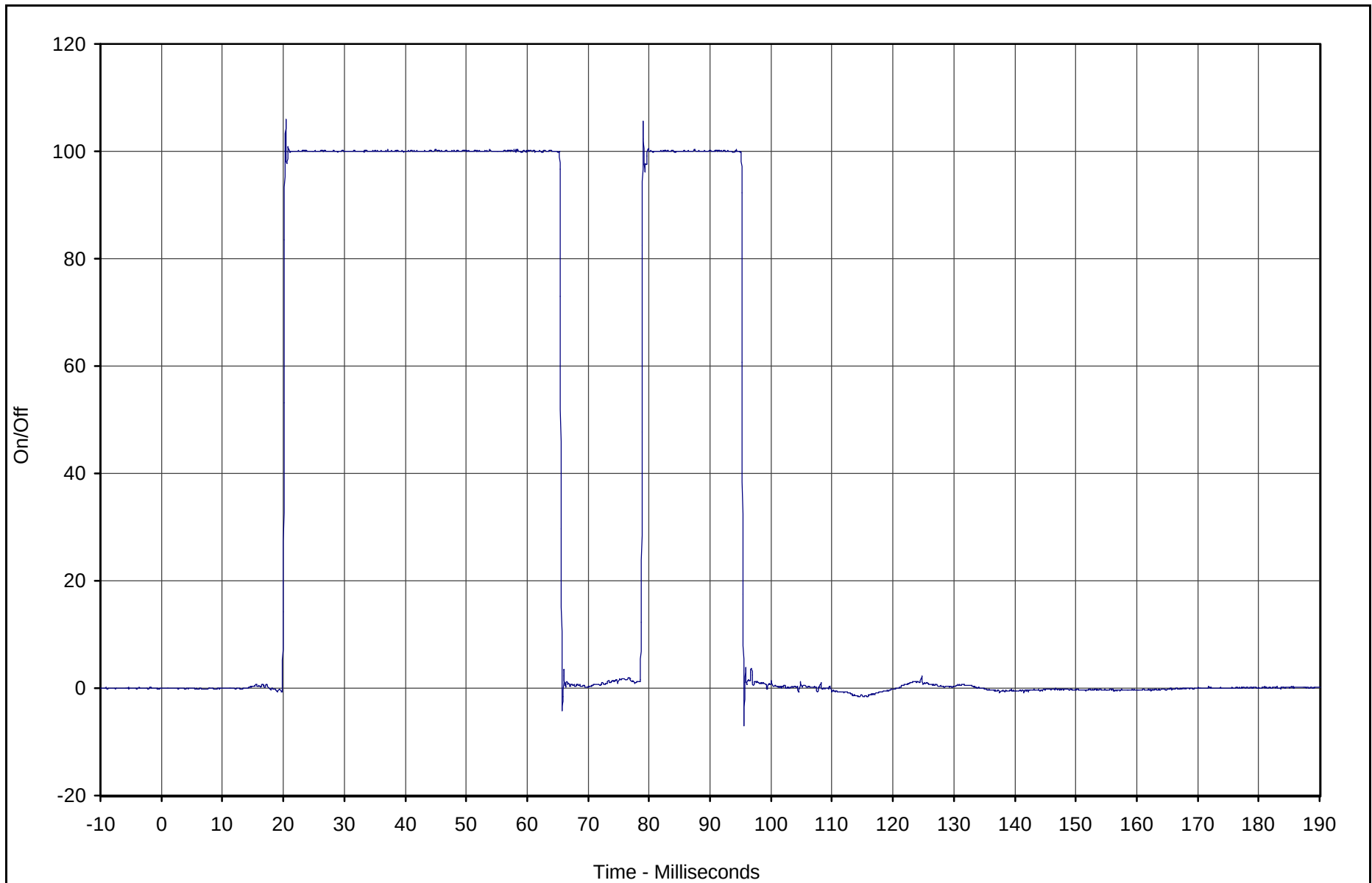


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Cross %	Time	SAE Class
Driver Thorax Contact	021	FIL	On/Off	105.9	20.4	50.0	20.1	1000

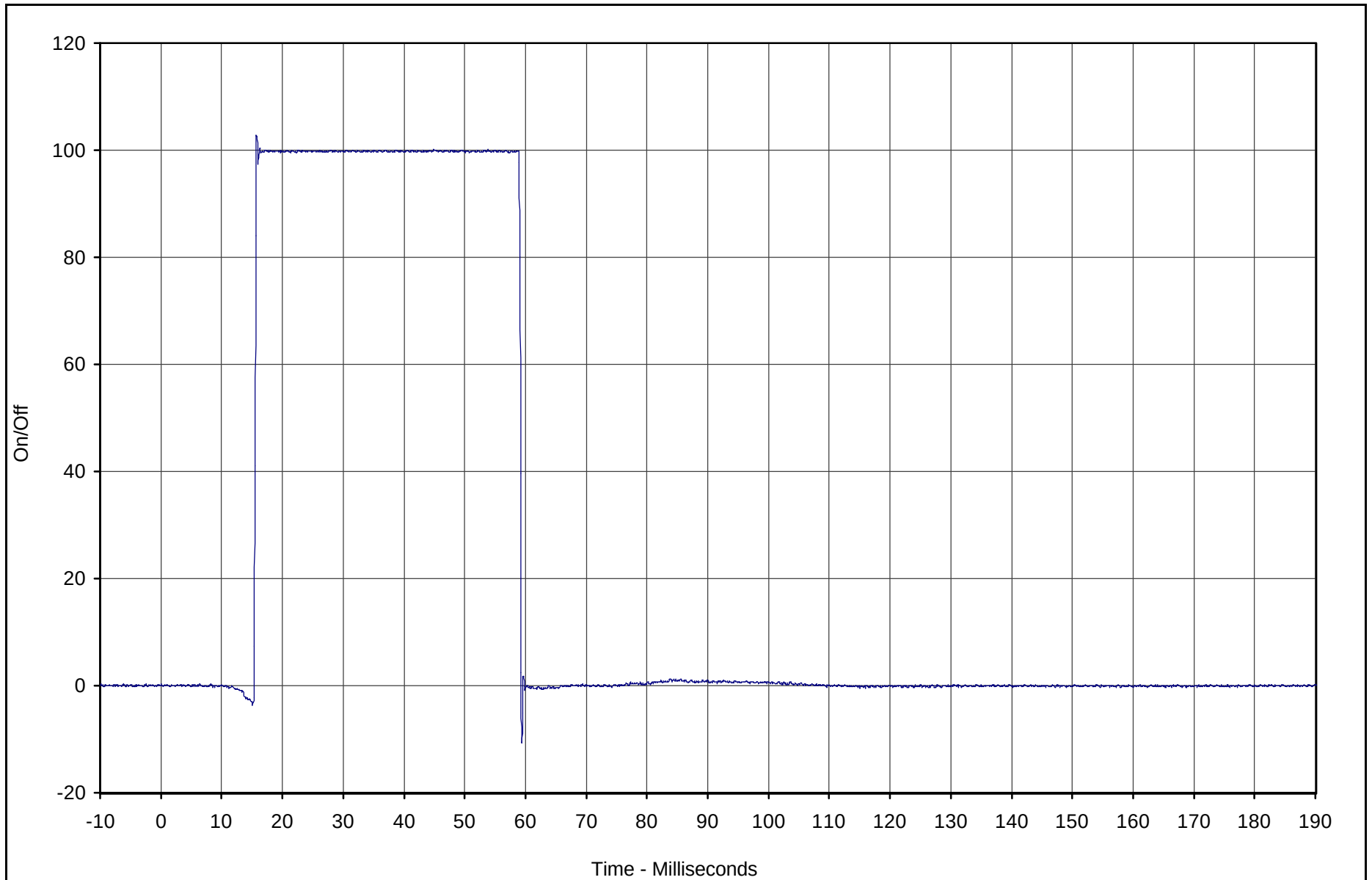


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Cross %	Time	SAE Class
Driver Pelvis Contact	022	FIL	On/Off	102.9	15.7	50.0	15.6	1000

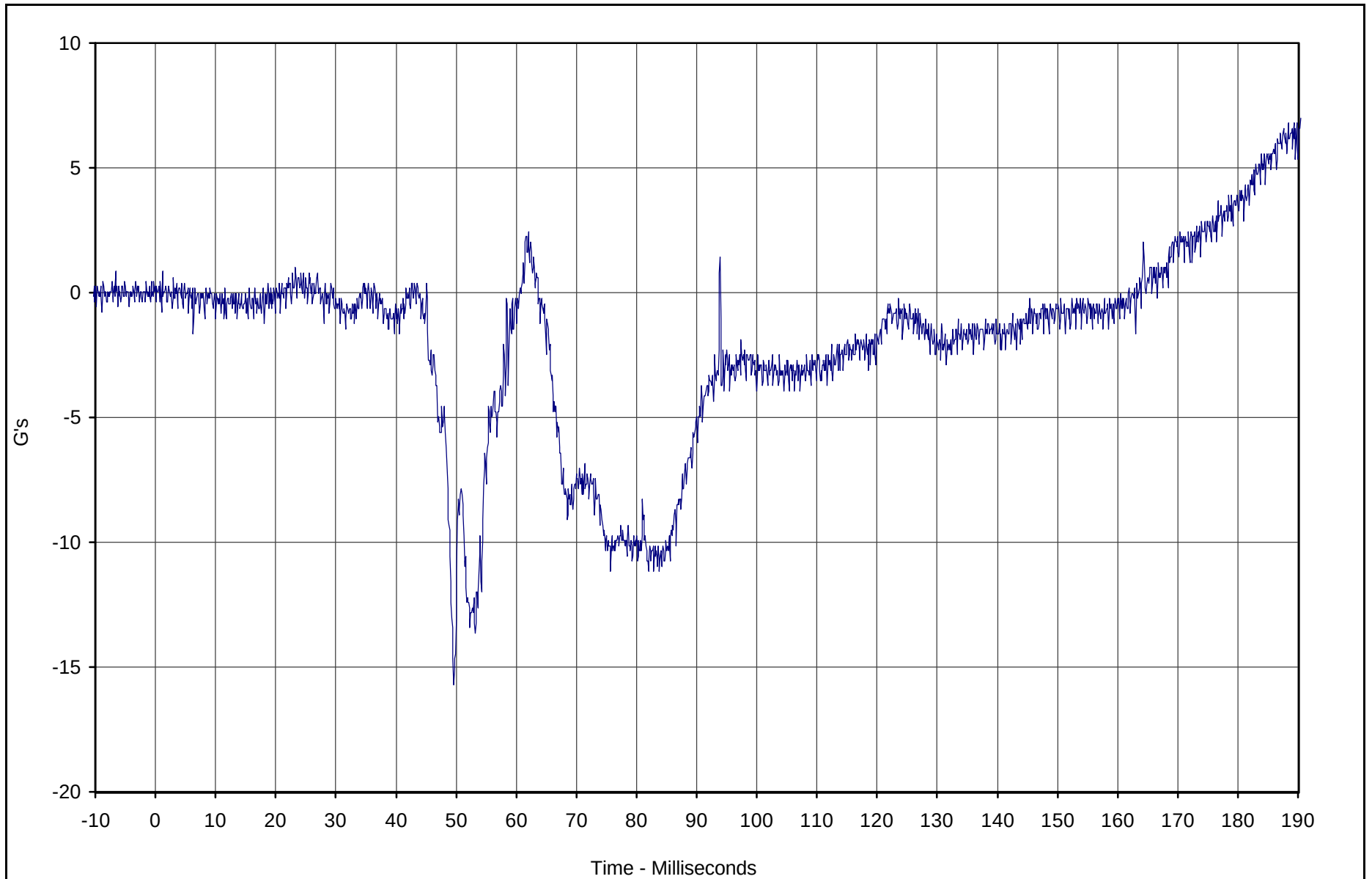


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Primary X	023	FIL	G's	6.8	188.4	-15.7	49.6	1000

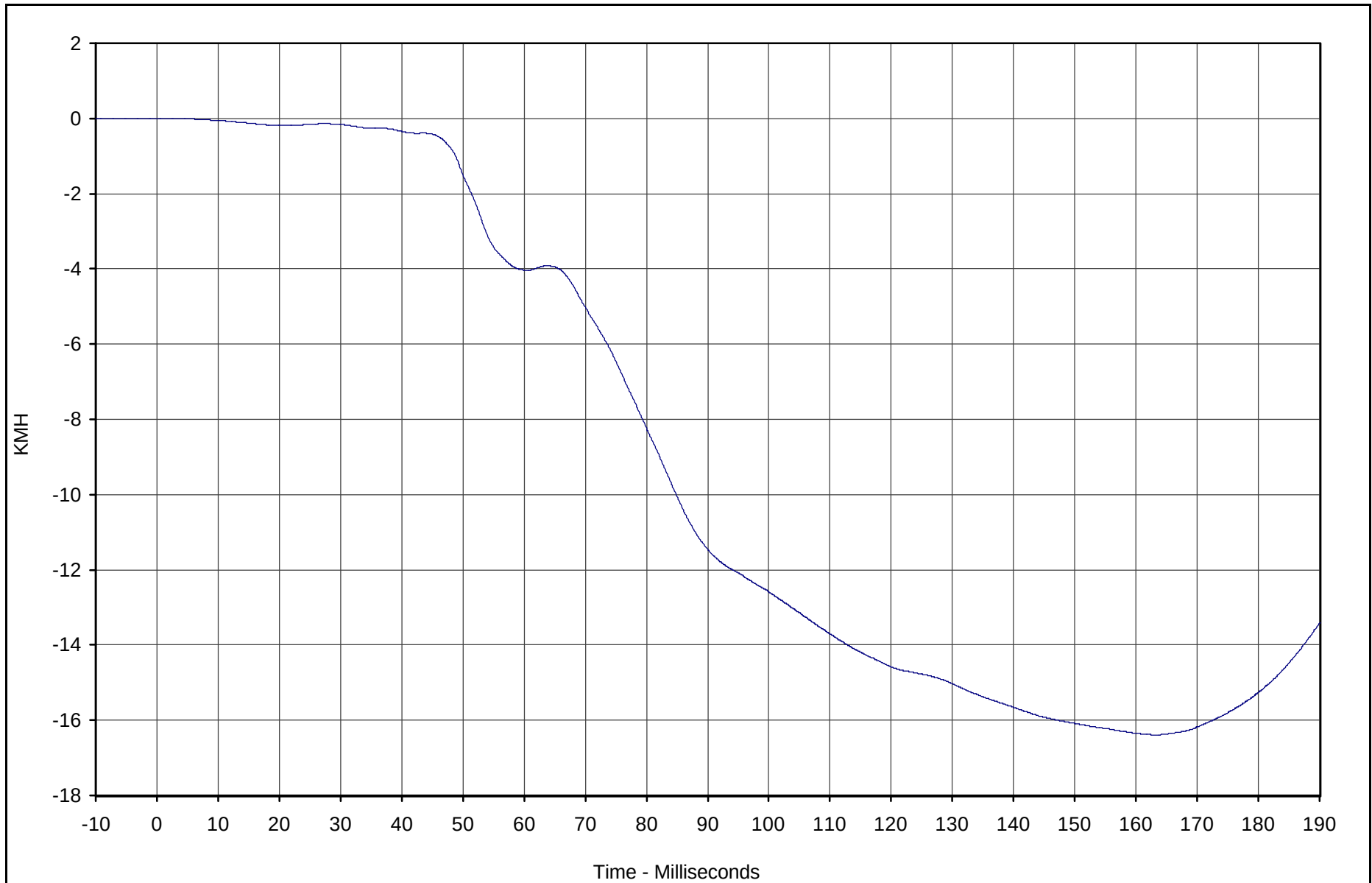


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Primary X Velocity	023	IN1	KMH	0.0	1.9	-16.4	163.3	180

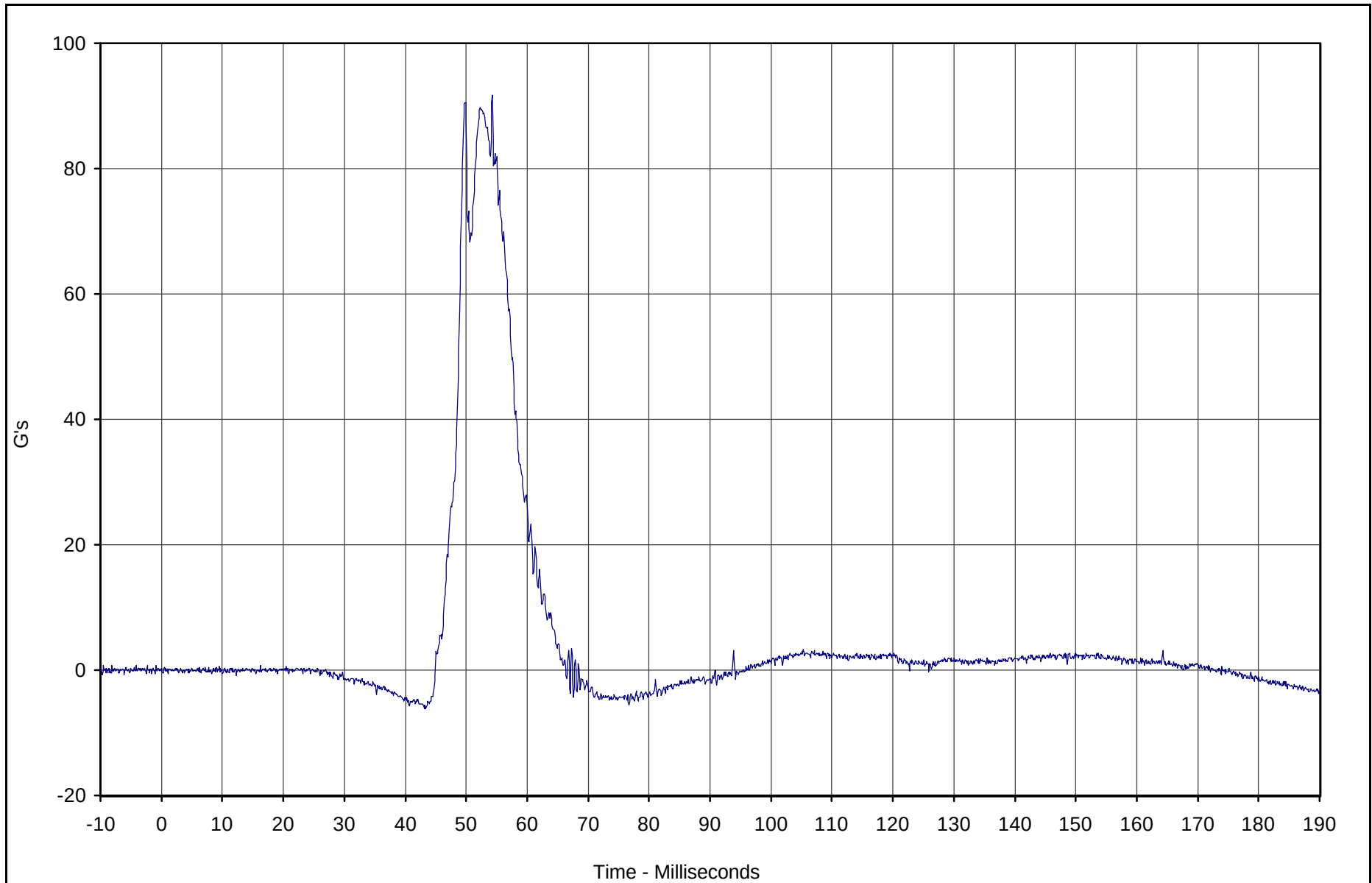


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Primary Y	024	FIL	G's	91.7	54.3	-6.1	43.1	1000

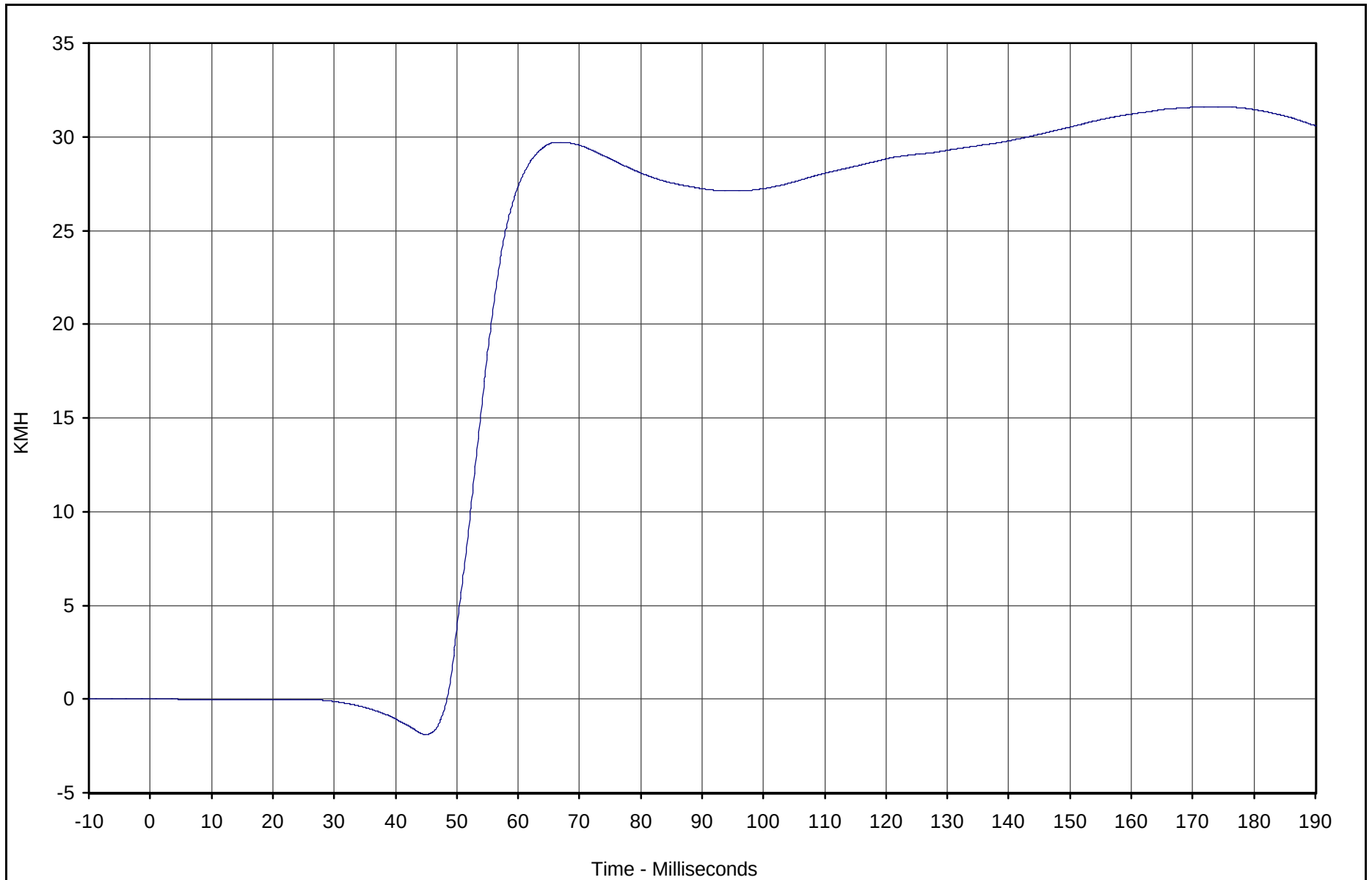


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Primary Y Velocity	024	IN1	KMH	31.6	172.8	-1.9	45.0	180

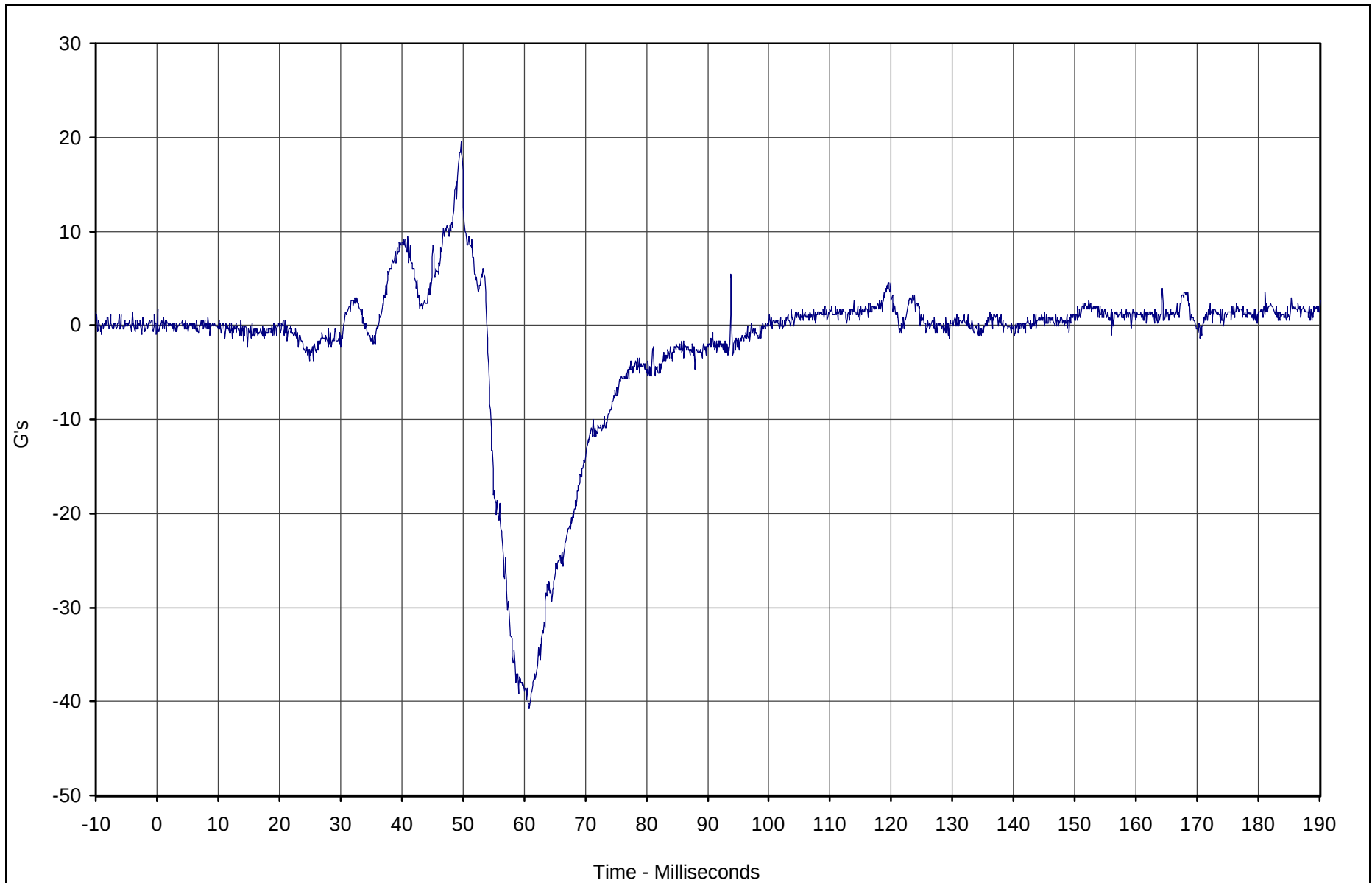


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Primary Z	025	FIL	G's	19.6	49.7	-40.8	60.9	1000

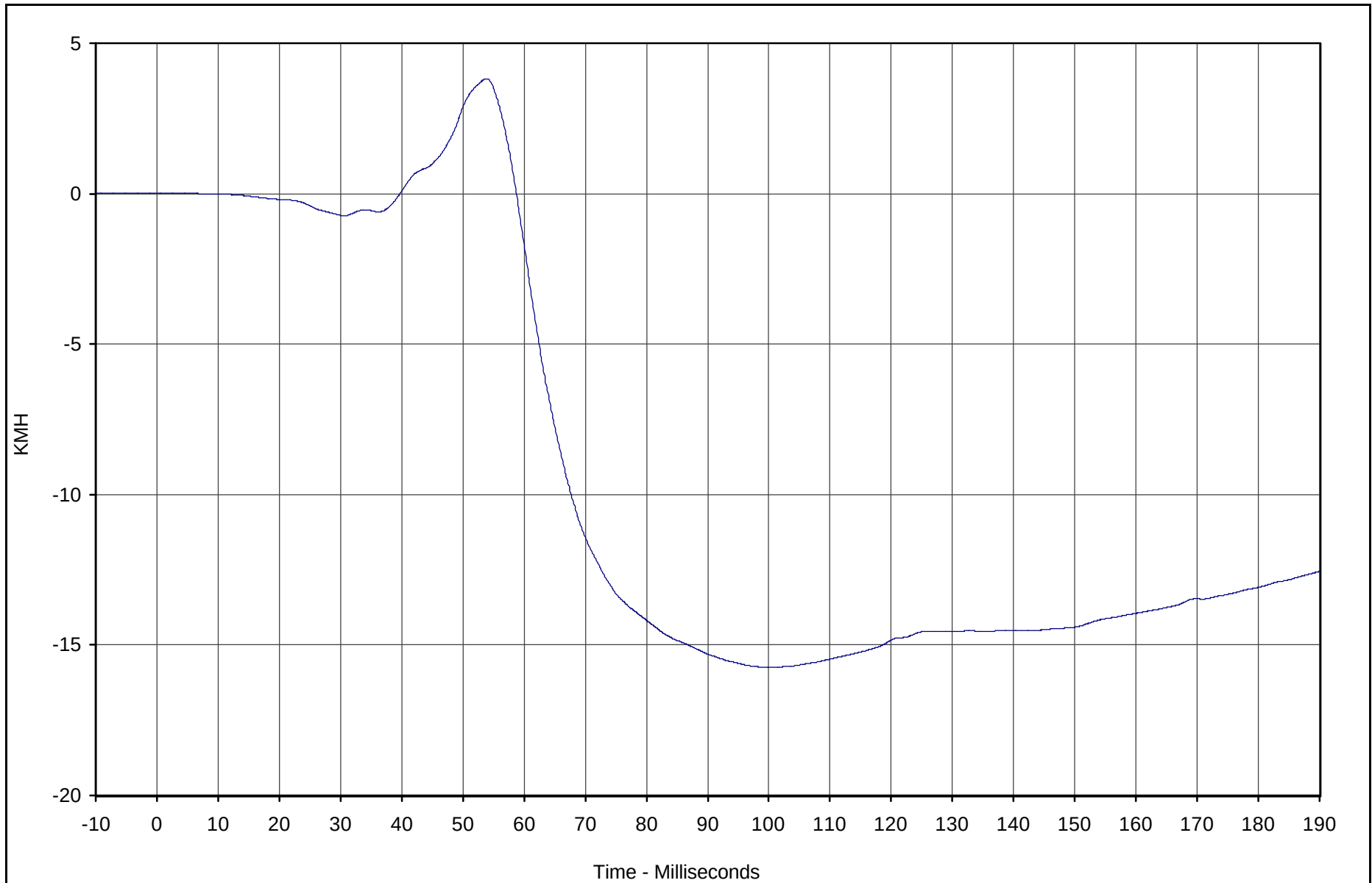


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Primary Z Velocity	025	IN1	KMH	3.8	53.8	-15.7	99.6	180

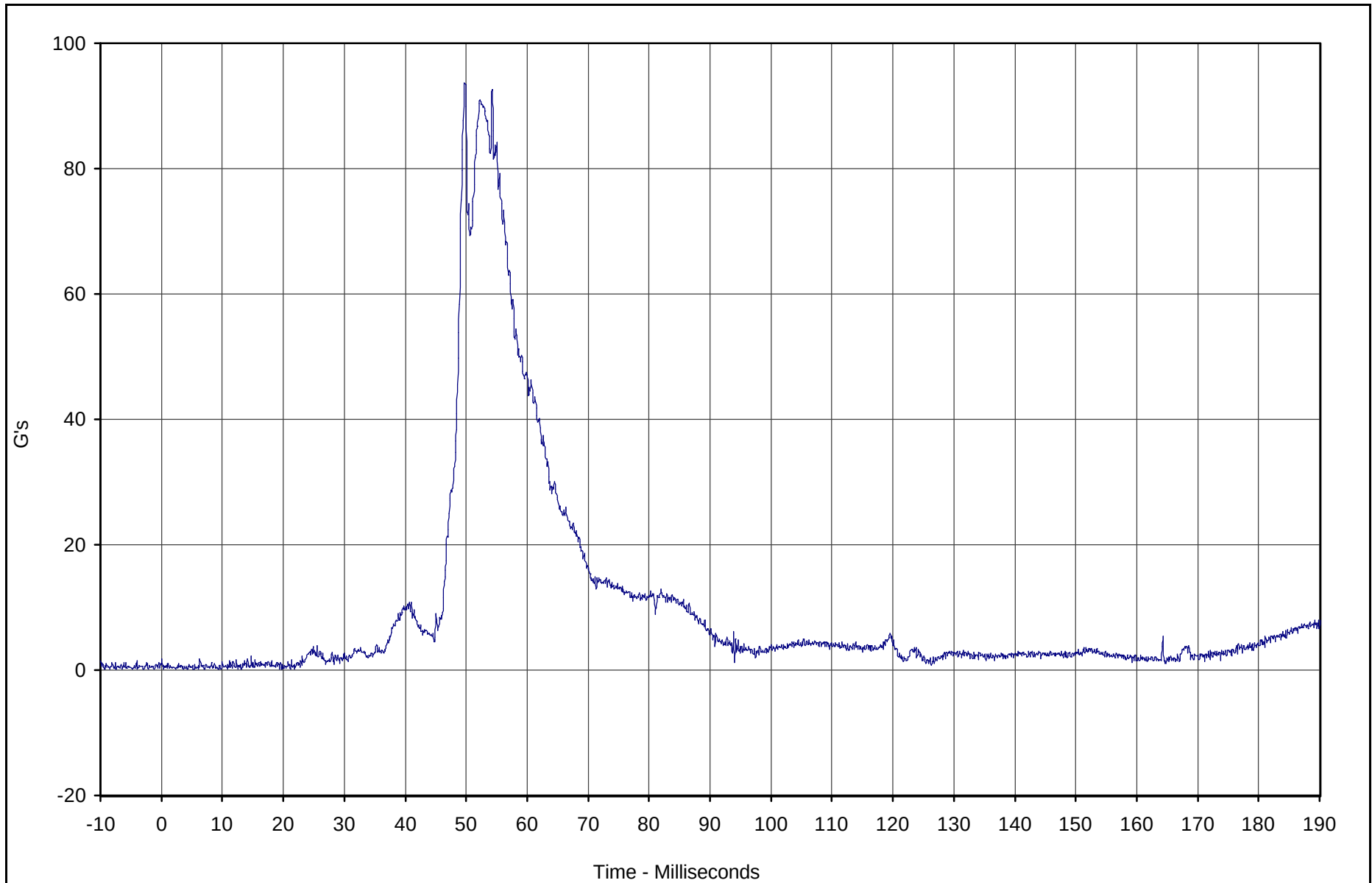


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Resultant Primary	023	RES	G's	93.7	49.7	0.1	4.2	1000

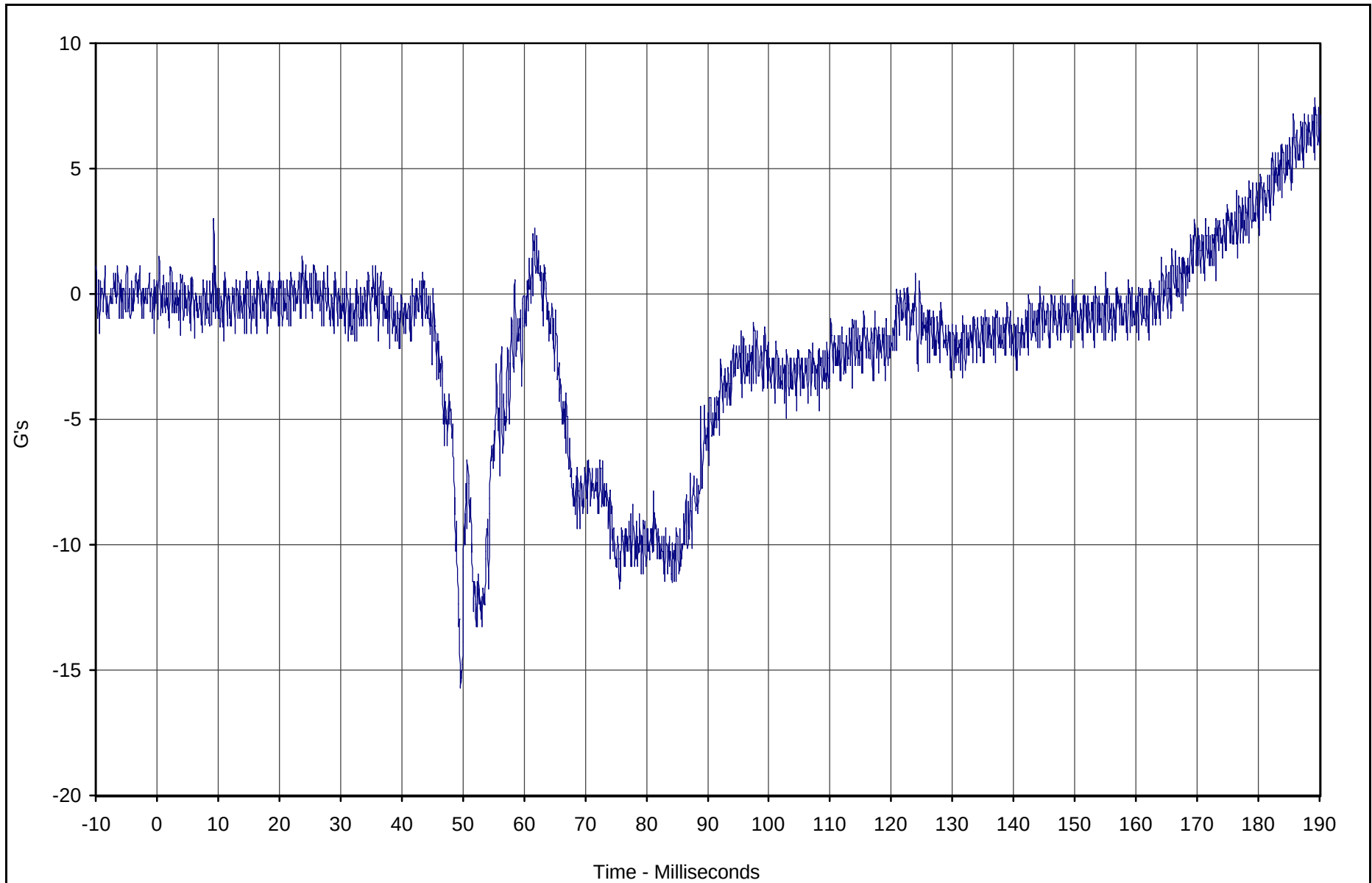


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Redundant X	026	FIL	G's	7.7	189.3	-15.7	49.6	1000

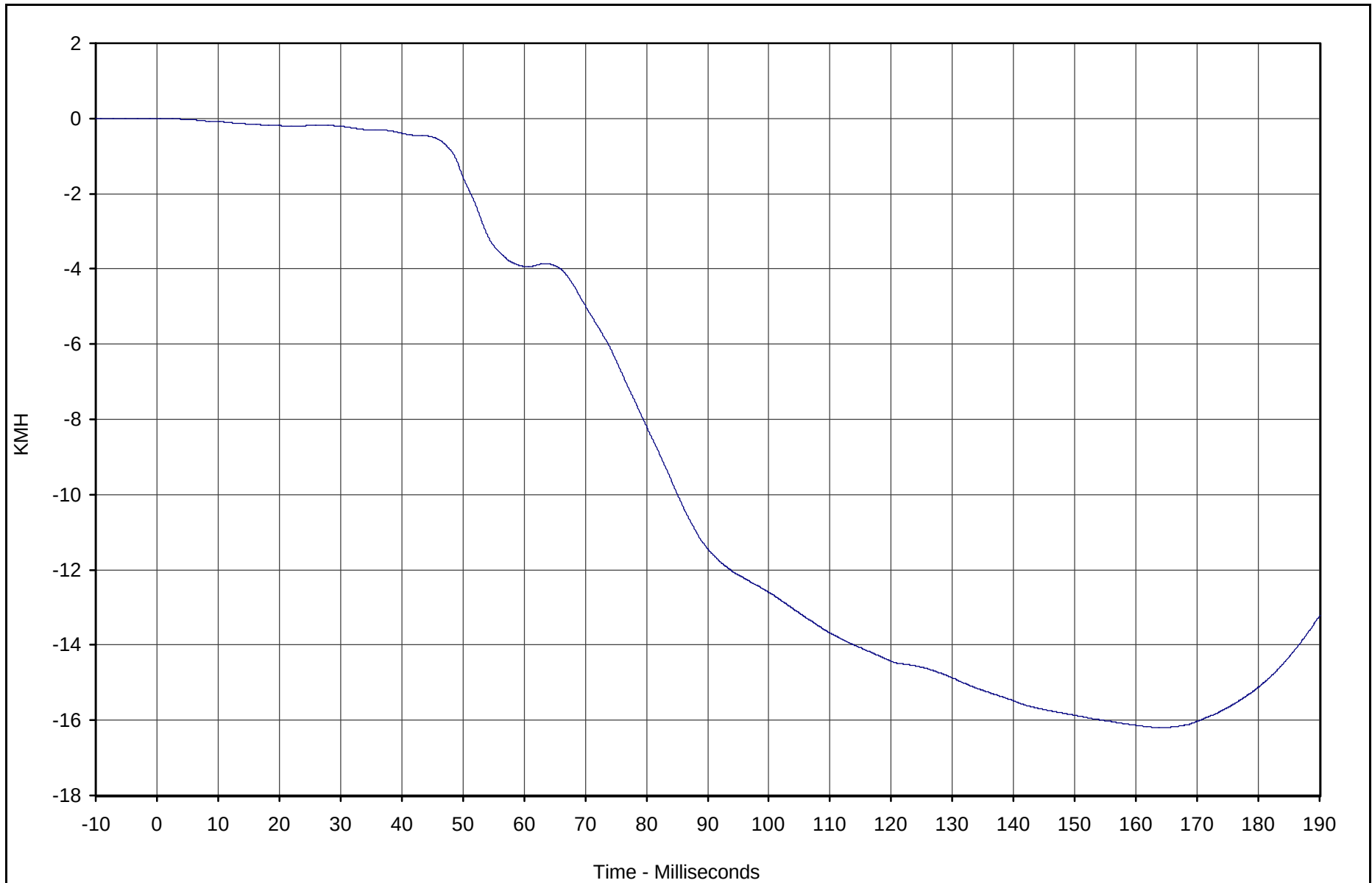


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Redundant X Velocity	026	IN1	KMH	0.0	0.6	-16.2	164.0	180

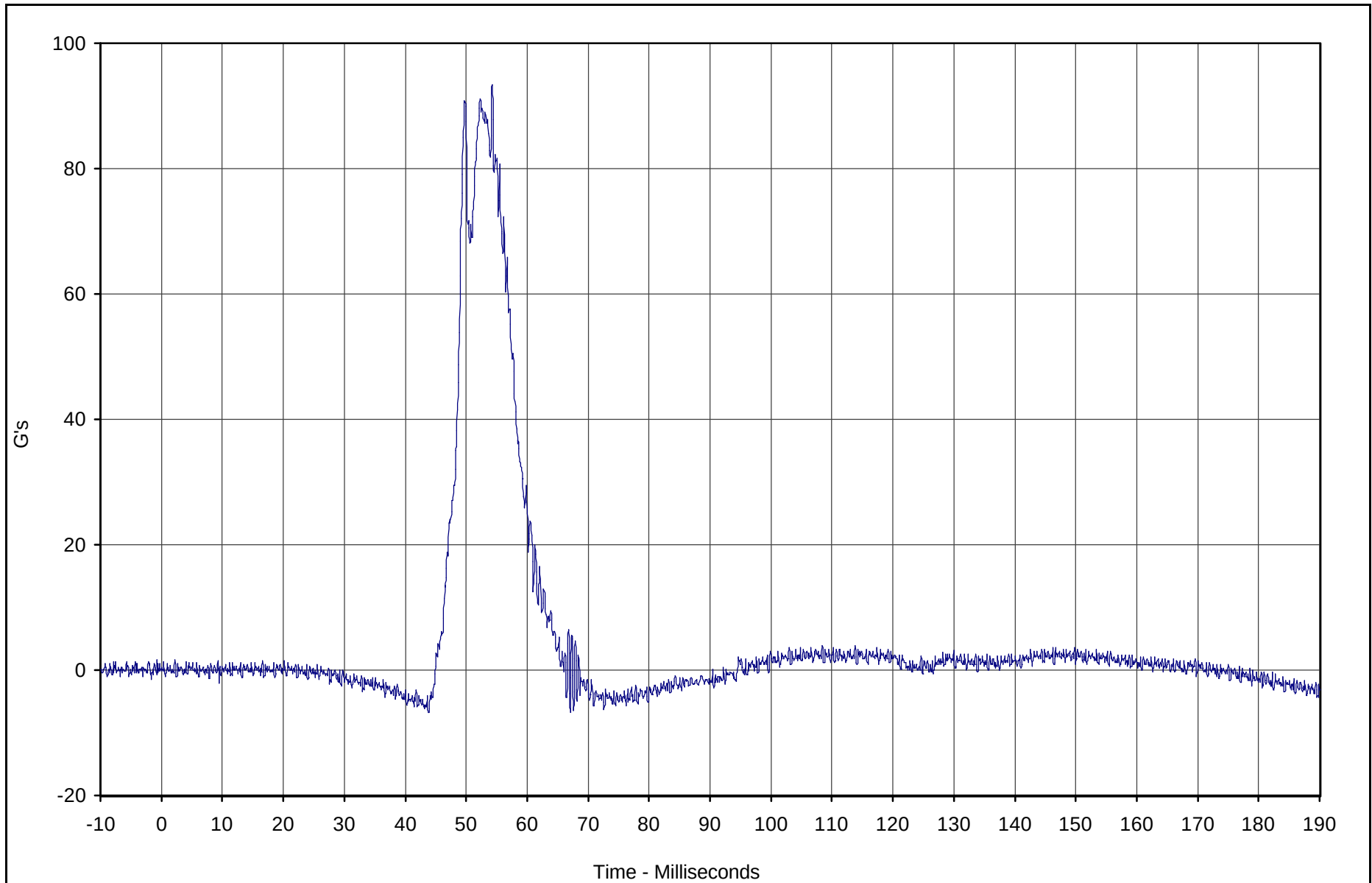


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Redundant Y	027	FIL	G's	93.3	54.3	-6.8	43.8	1000

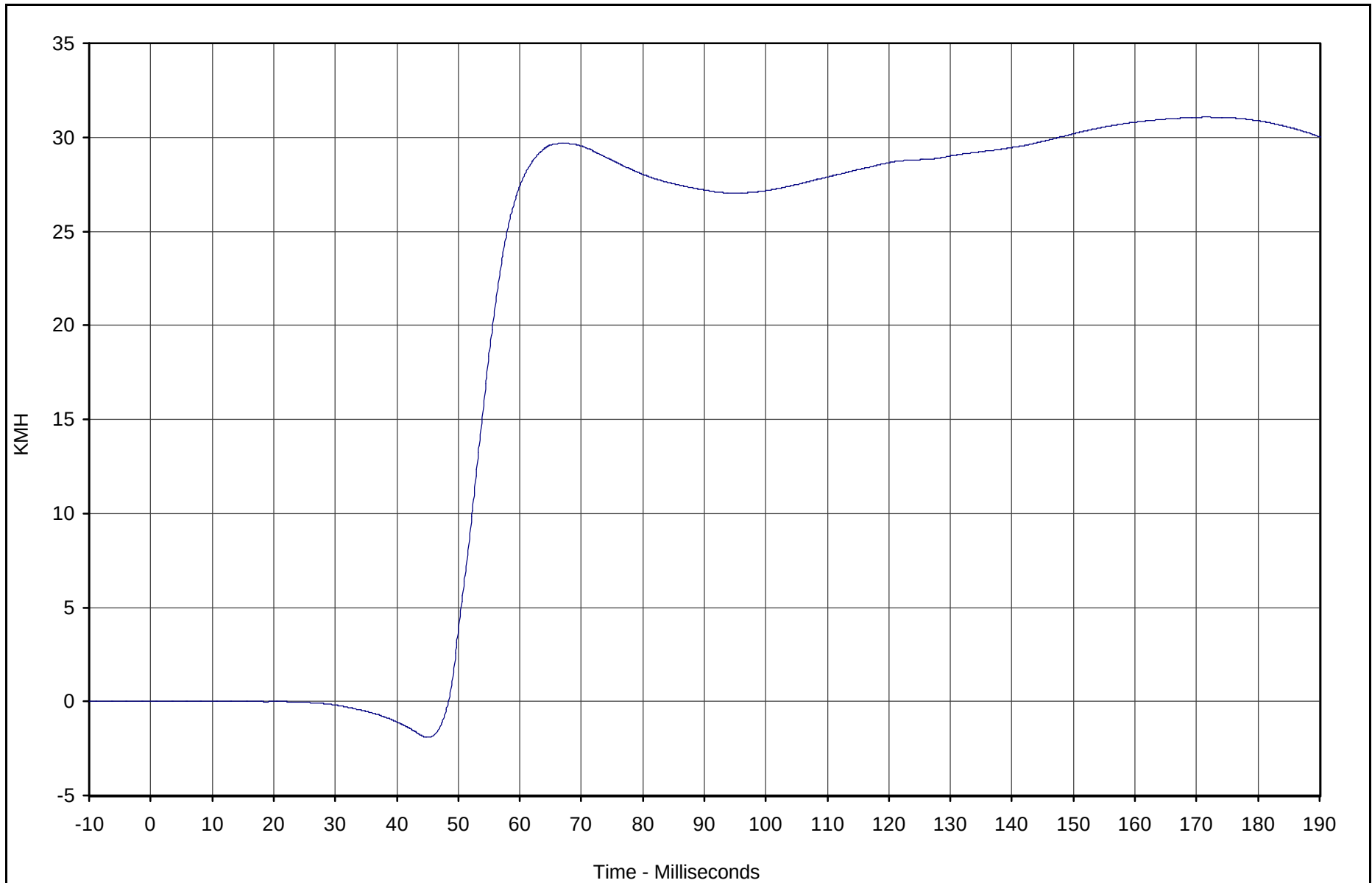


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Redundant Y Velocity	027	IN1	KMH	31.1	171.5	-1.9	45.0	180

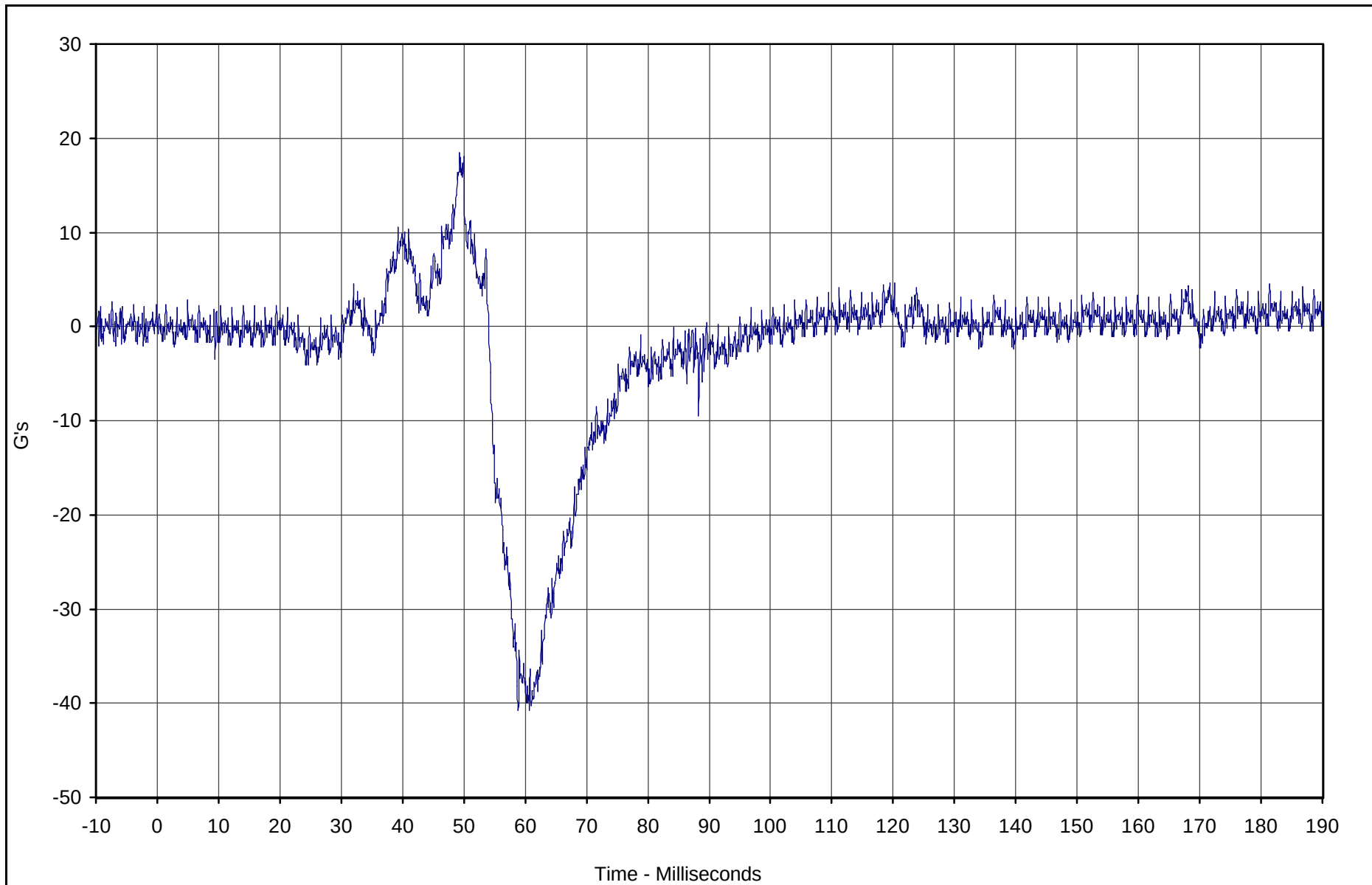


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Redundant Z	028	FIL	G's	18.5	49.3	-40.8	58.8	1000

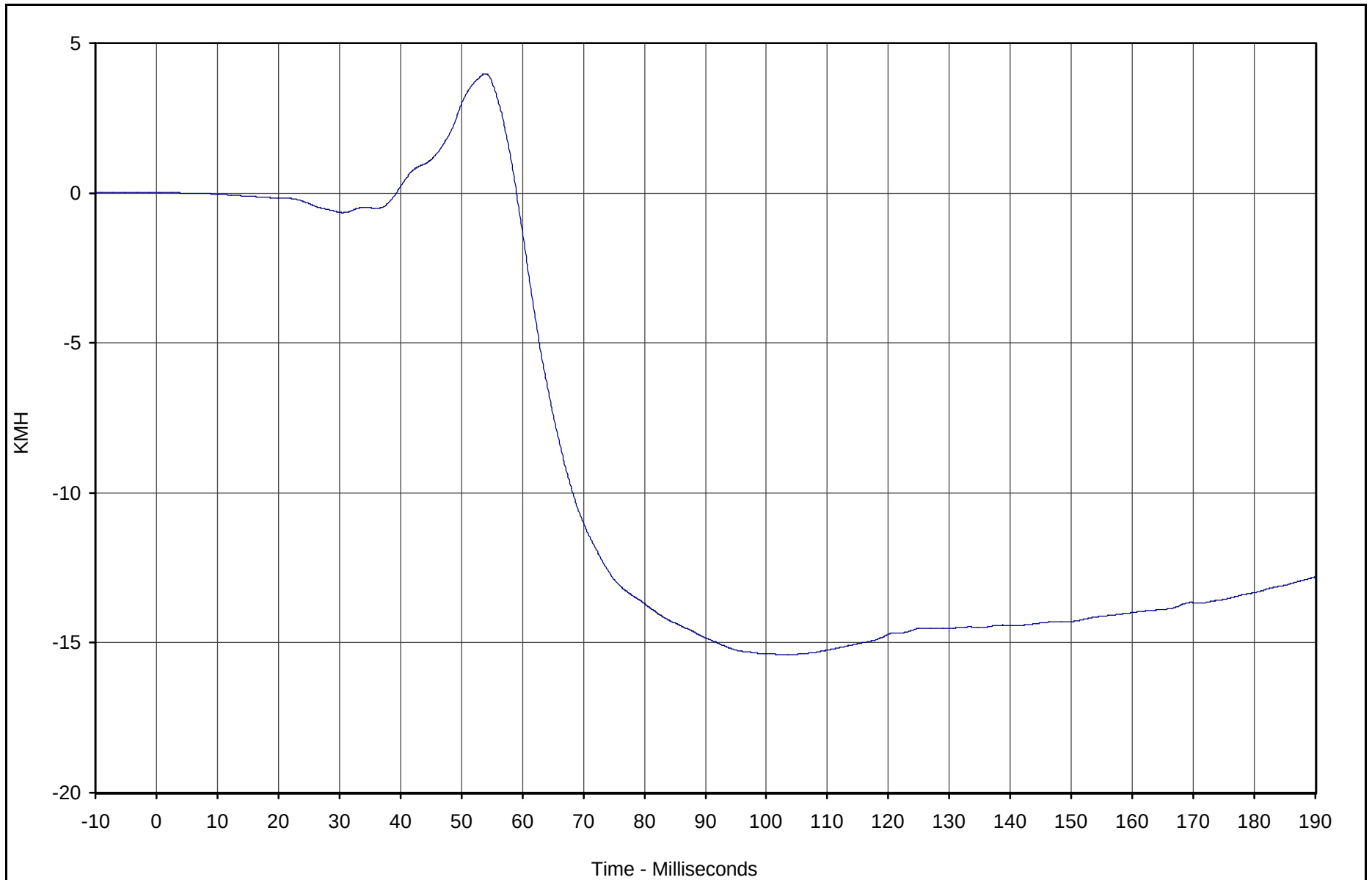


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Redundant Z Velocity	028	IN1	KMH	4.0	53.9	-15.4	103.7	180

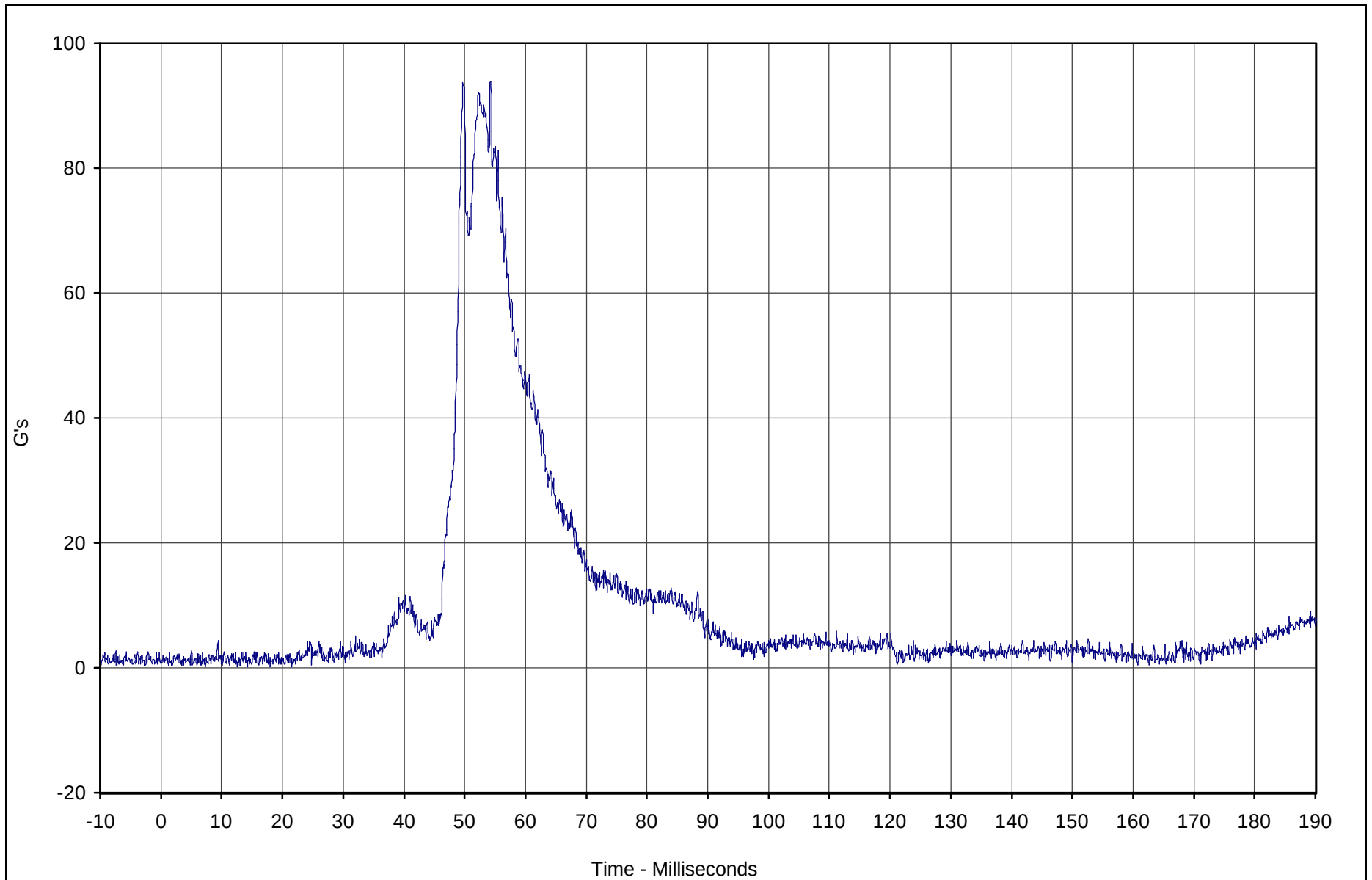


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Head Resultant Redundant	026	RES	G's	93.9	54.3	0.1	12.5	1000

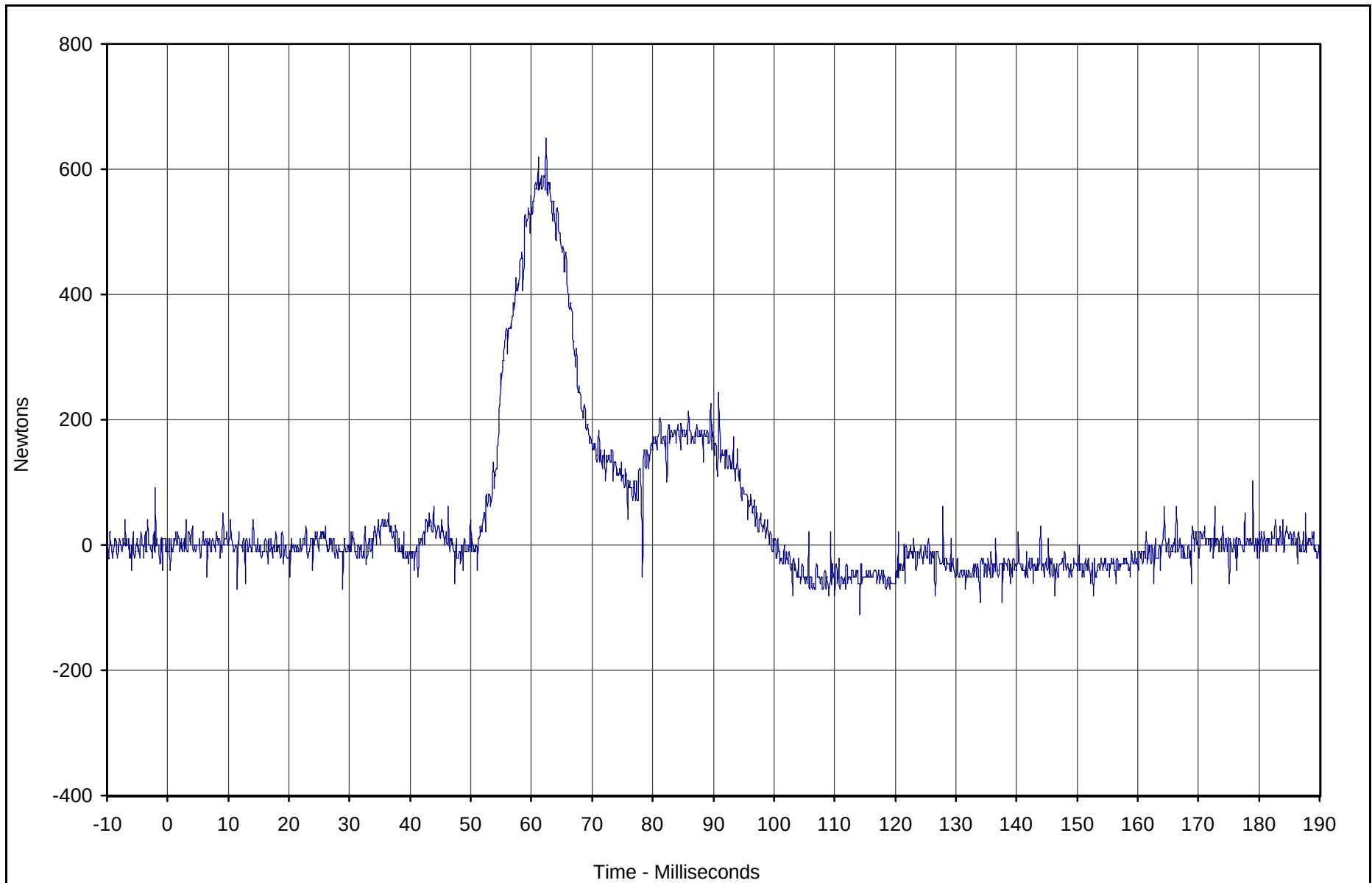


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Force X	029	FIL	Newtons	650.1	62.4	-111.7	114.2	1000

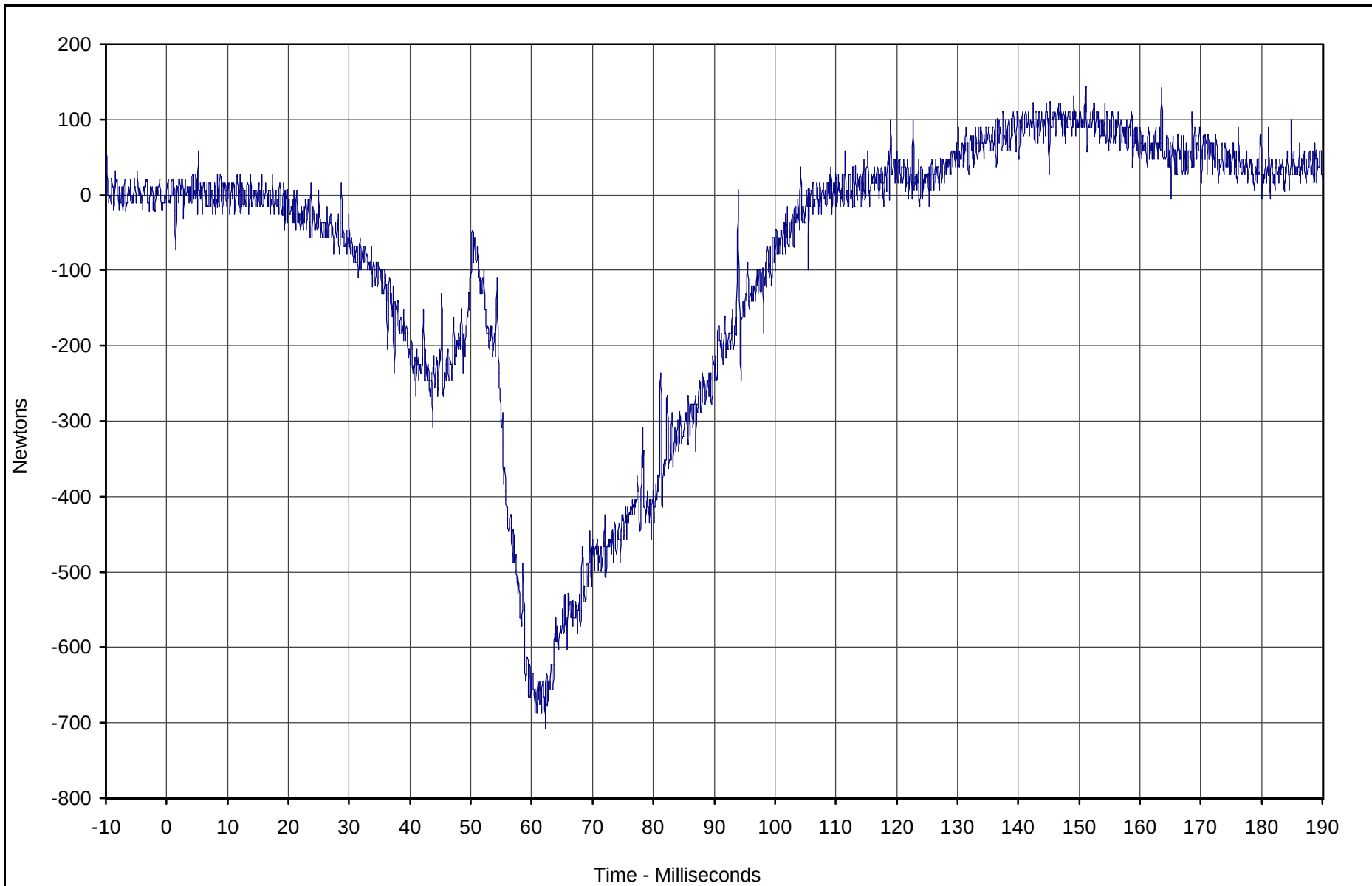


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Force Y	030	FIL	Newtons	141.9	151.2	-707.8	62.2	1000

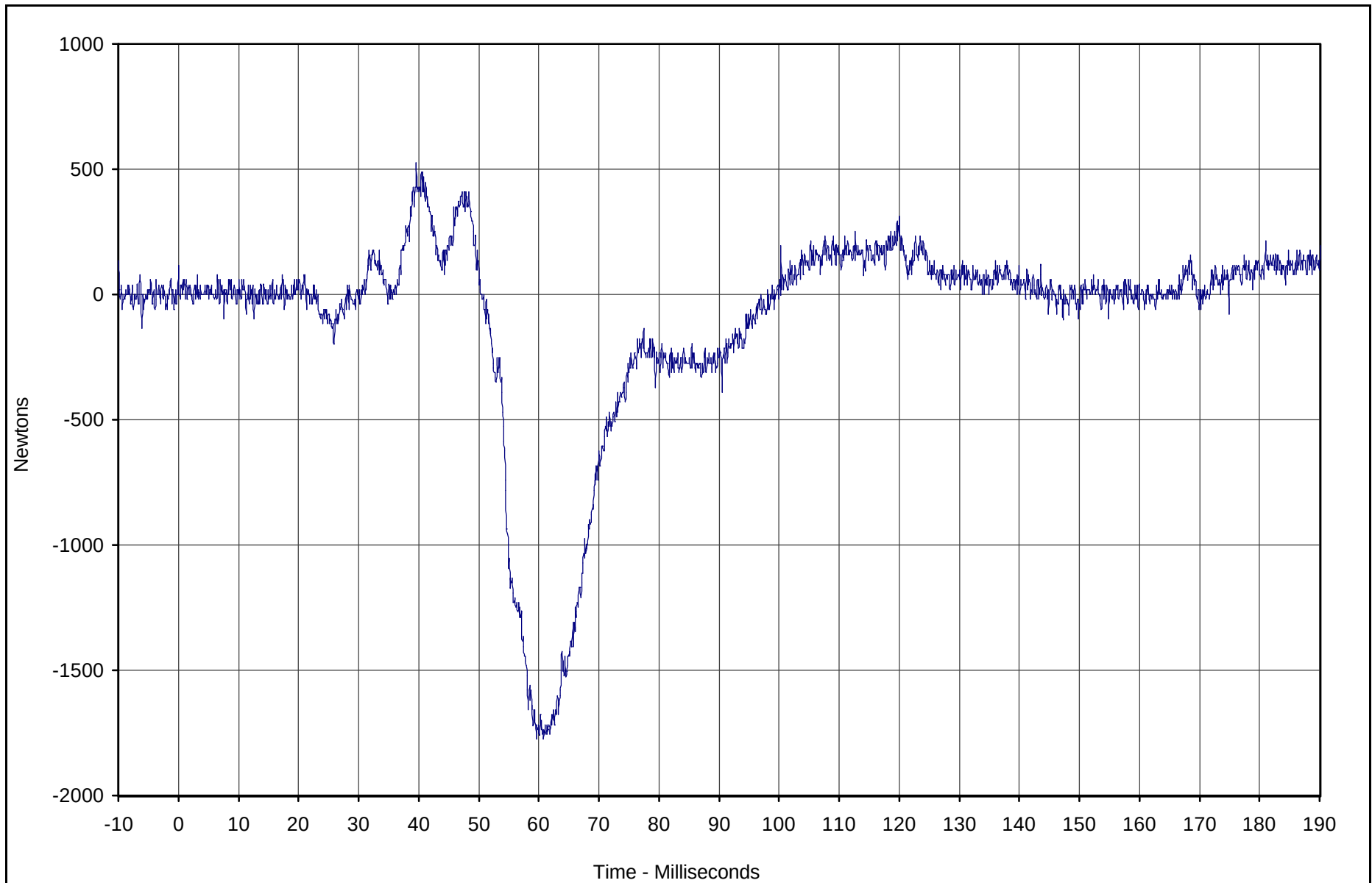


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Force Z	031	FIL	Newtons	526.8	39.6	-1775.4	59.6	1000

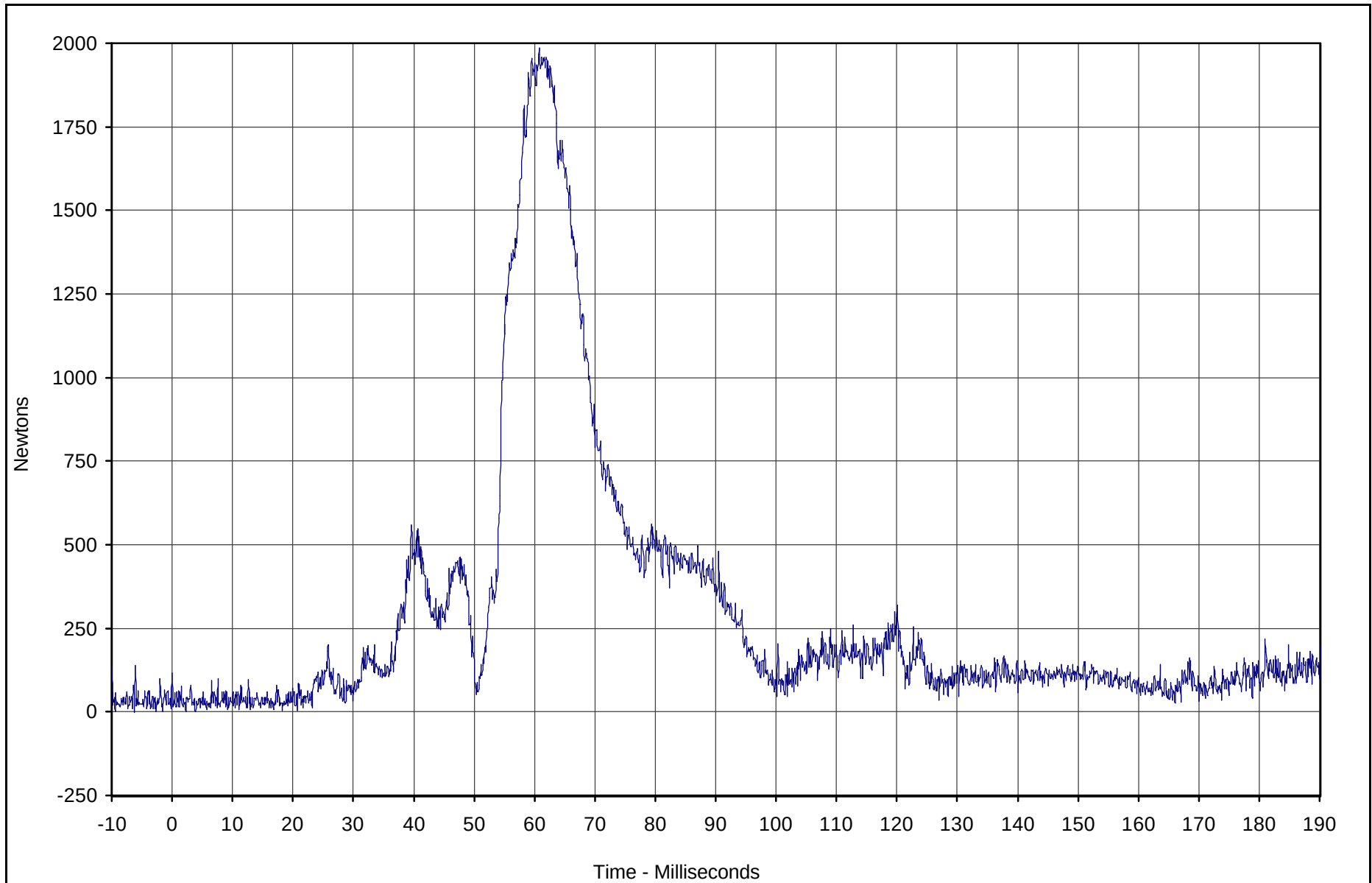


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Force Resultant	029	RES	Newtons	1986.8	60.8	0.0	2.3	1000

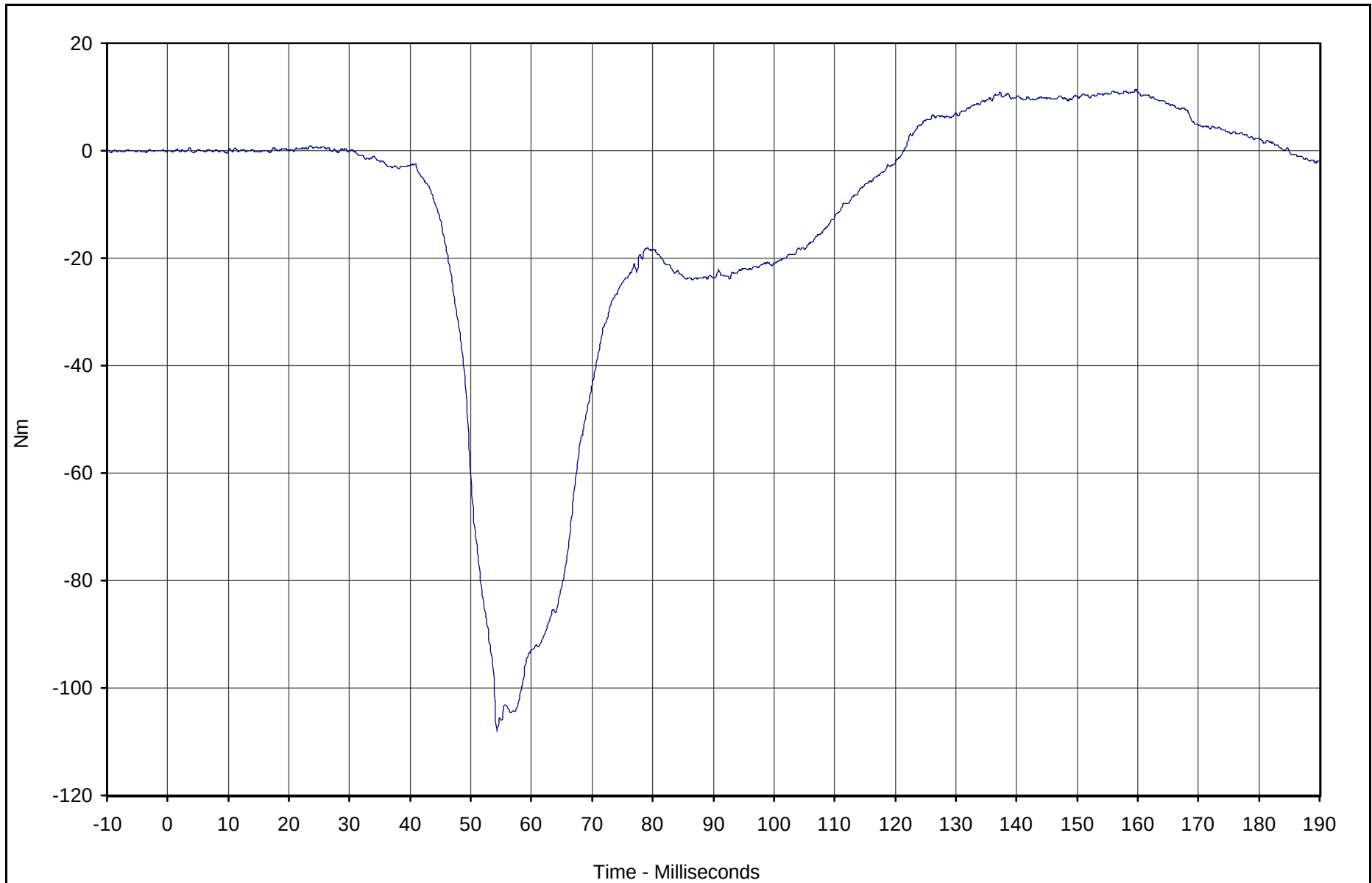


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Moment X	032	FIL	Nm	11.3	159.7	-108.0	54.3	600

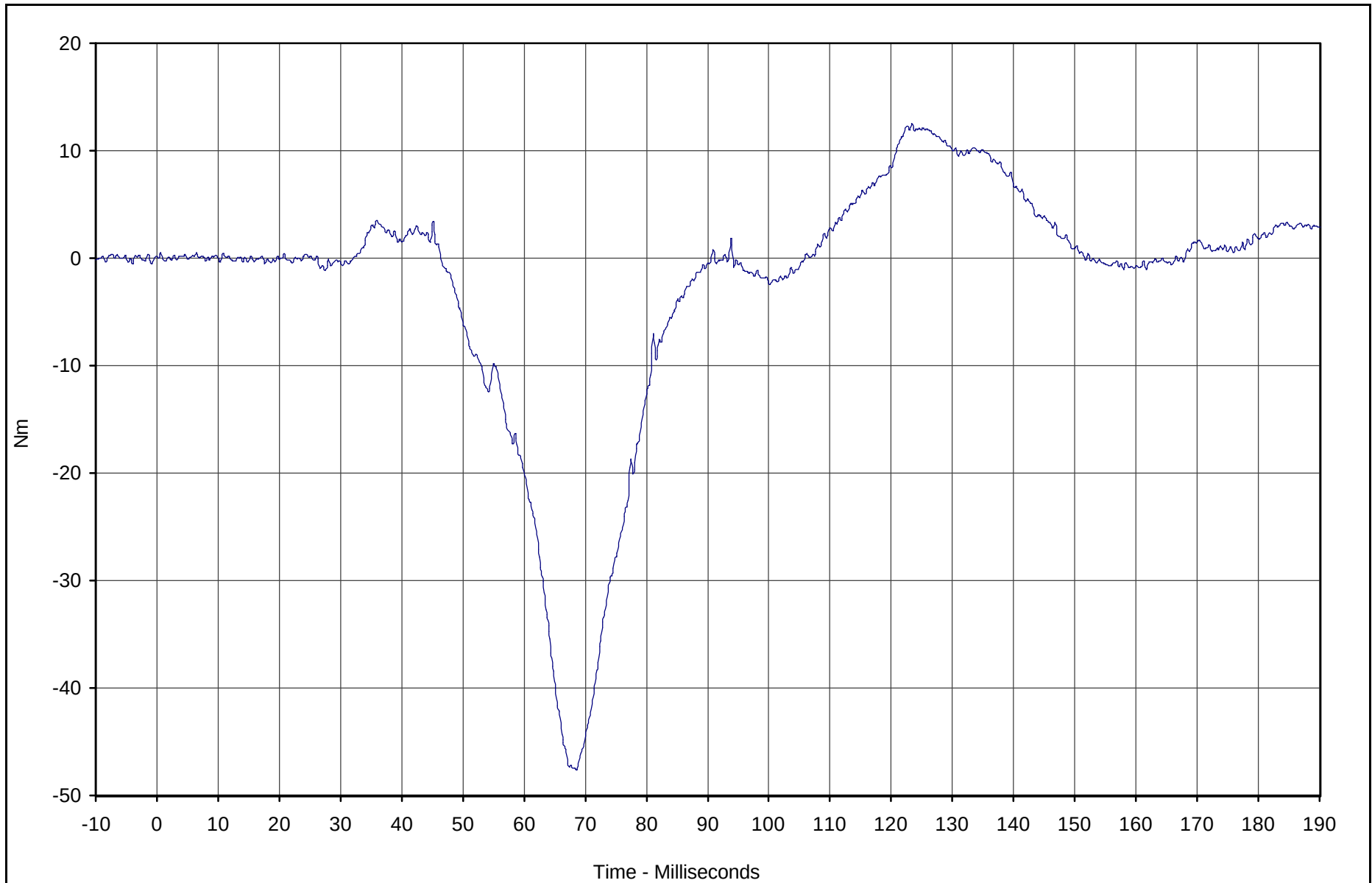


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Moment Y	033	FIL	Nm	12.6	123.4	-47.6	68.6	600

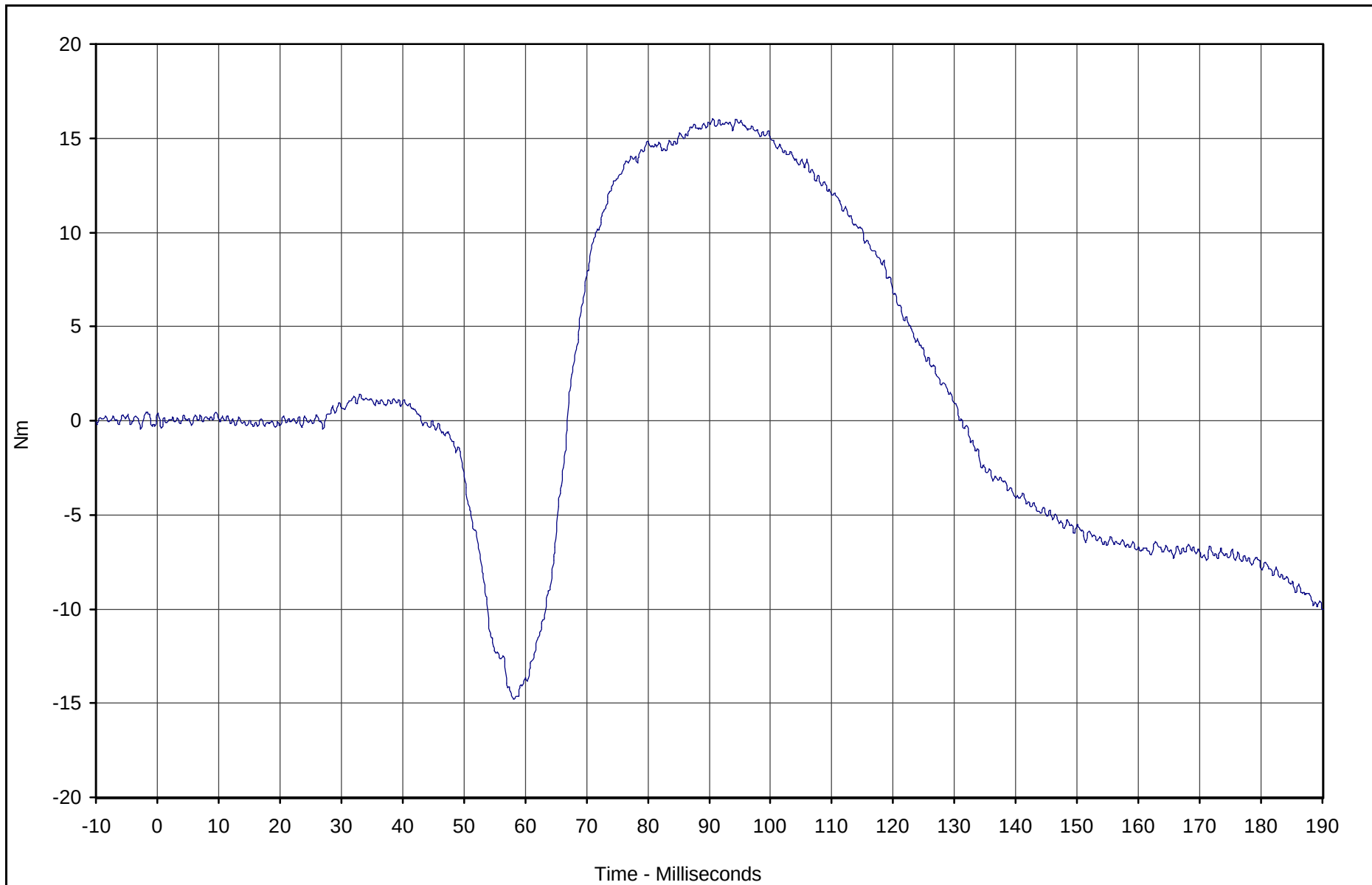


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Moment Z	034	FIL	Nm	16.0	90.6	-14.8	58.1	600

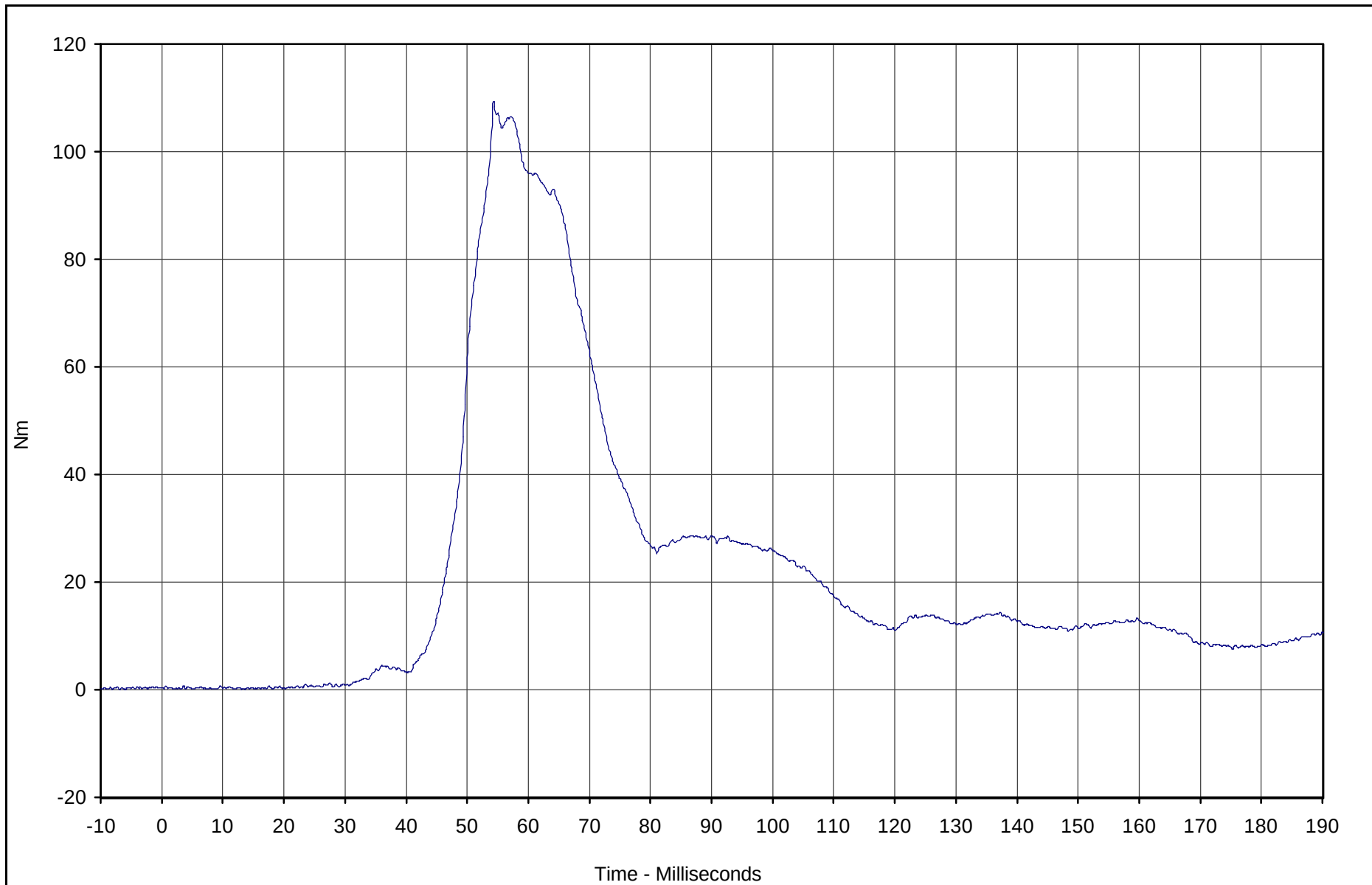


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Neck Moment Resultant	032	RES	Nm	109.3	54.3	0.1	13.6	600

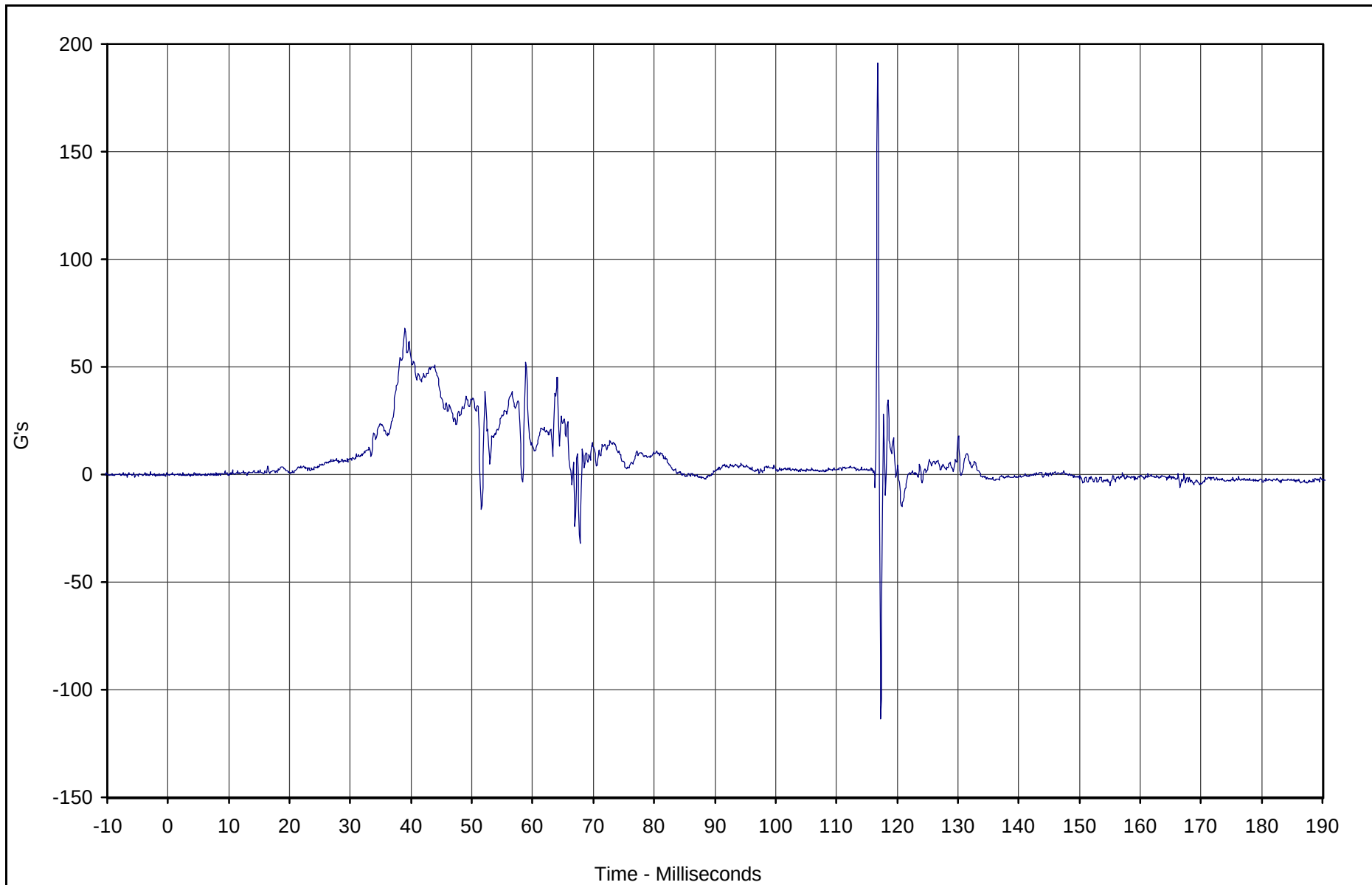


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Upper Rib Primary Y	035	FIL	G's	191.2	116.8	-113.7	117.3	1000

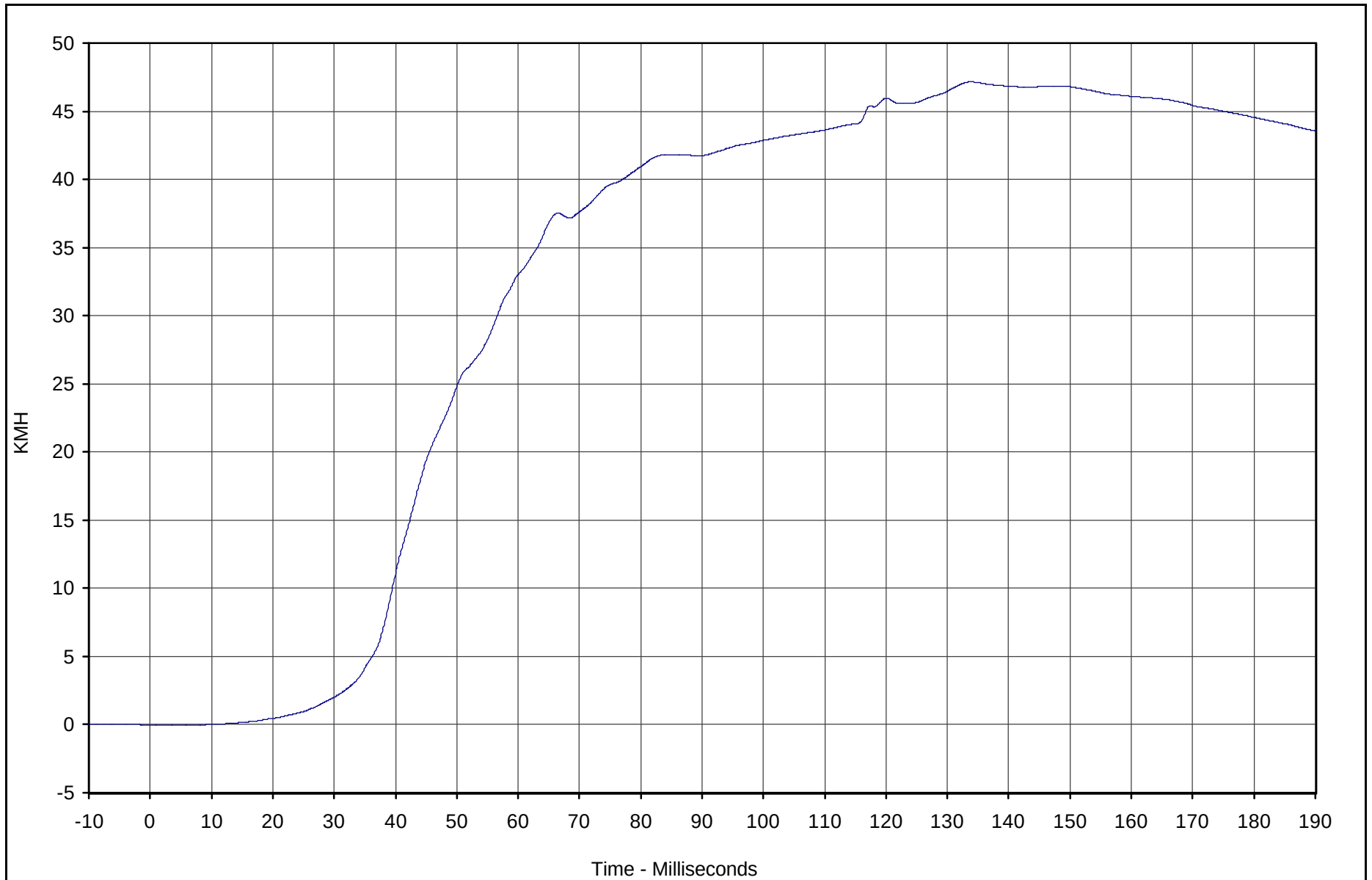


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Upper Rib Primary Y Velocity	035	IN1	KMH	47.2	133.9	0.0	6.4	180

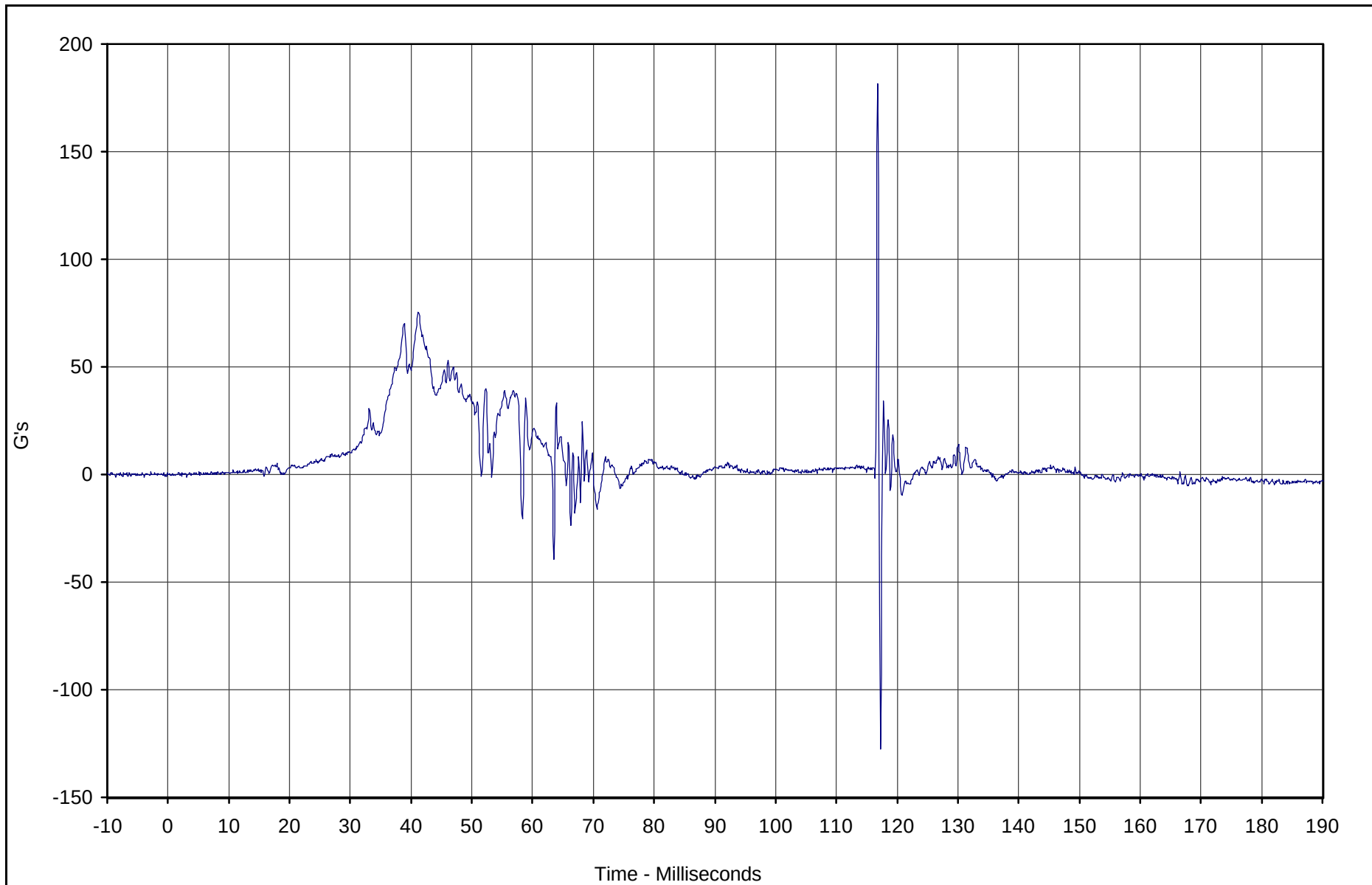


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Rib Primary Y	036	FIL	G's	181.6	116.8	-127.5	117.3	1000

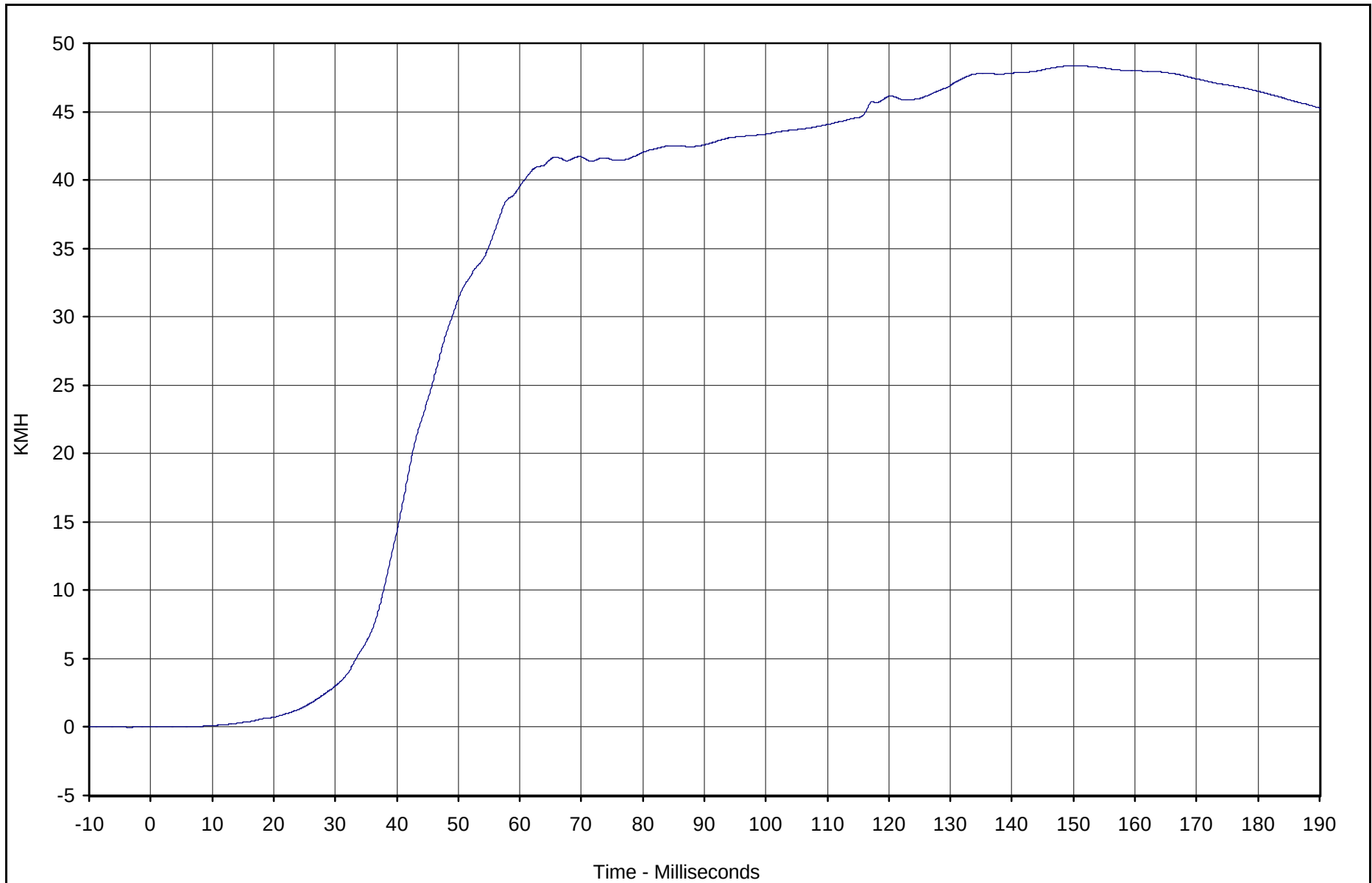


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Rib Primary Y Velocity	036	IN1	KMH	48.4	150.4	0.0	1.3	180

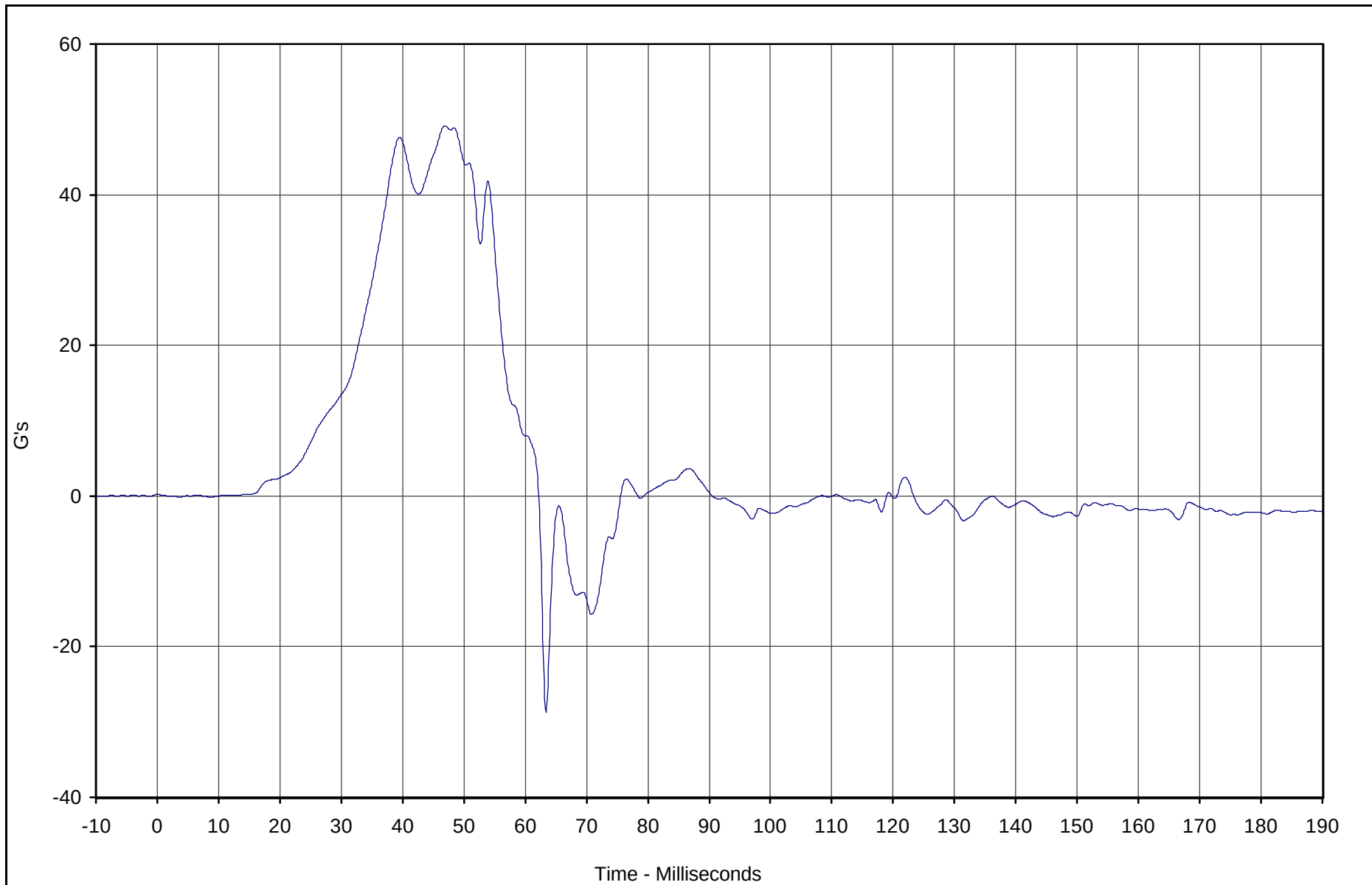


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Spine Primary Y	037	FIL	G's	49.1	46.9	-28.7	63.4	180

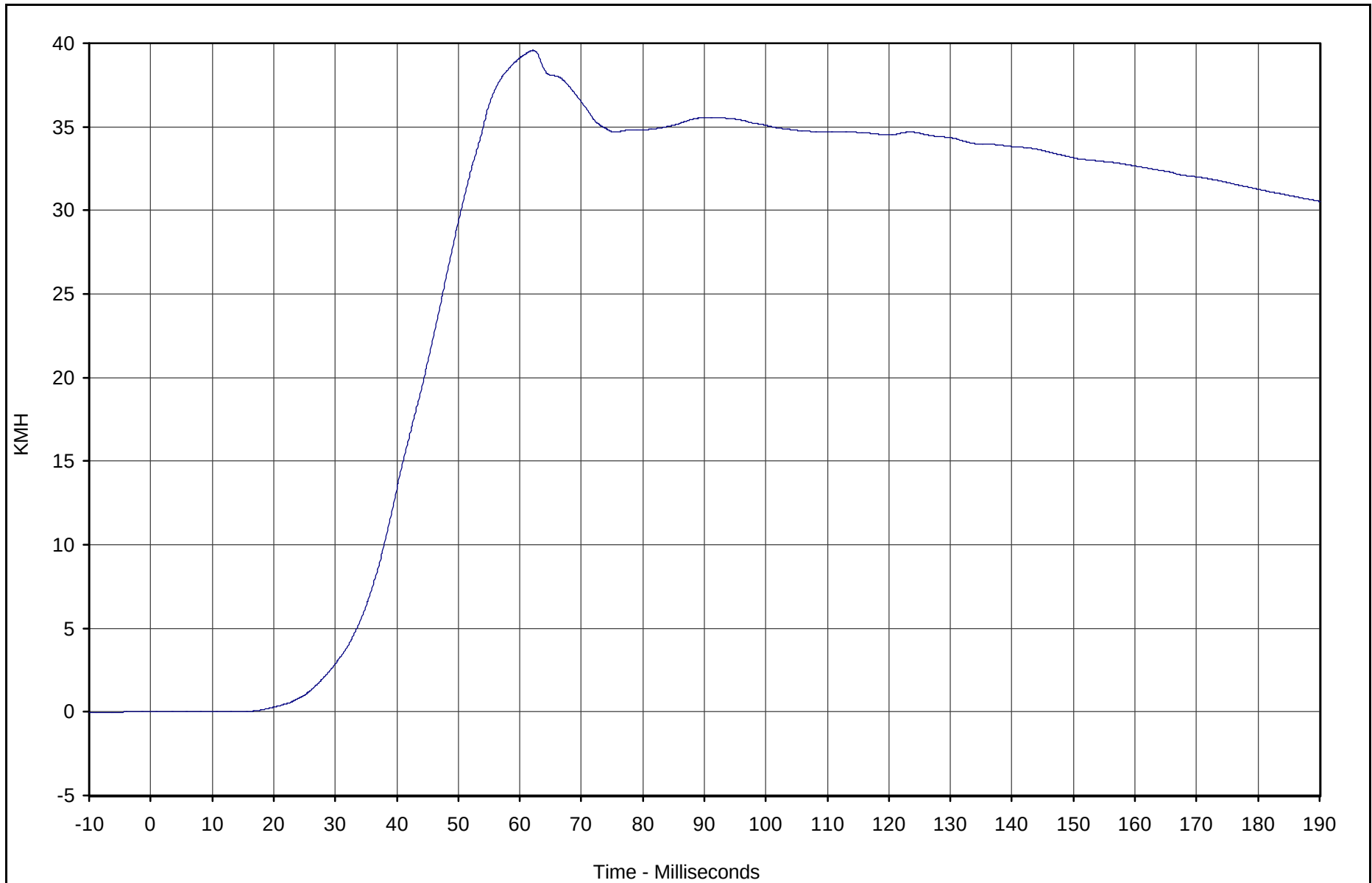


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Spine Primary Y Velocity	037	IN1	KMH	39.6	62.2	0.0	0.0	180

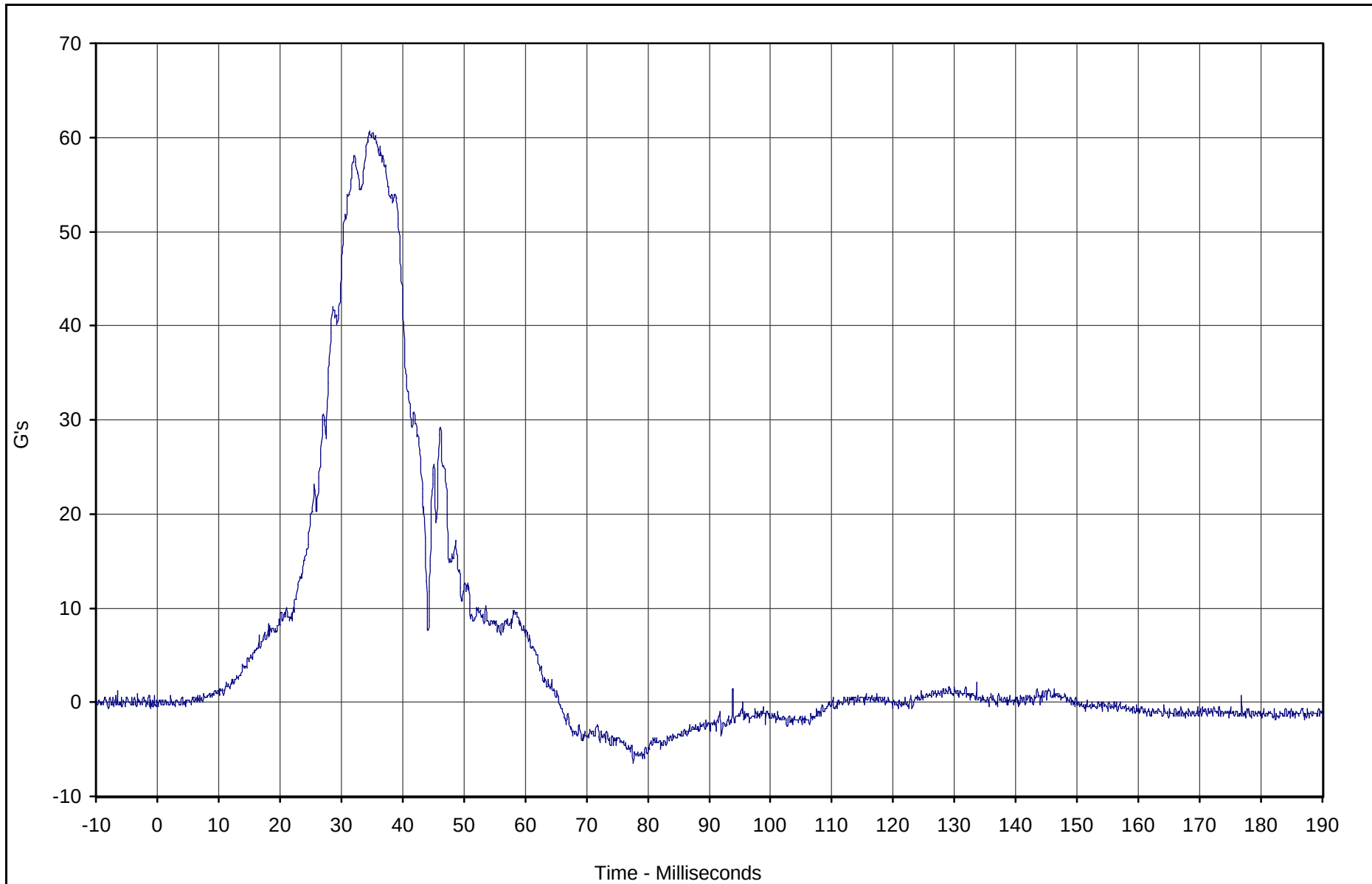


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Pelvis Primary Y	038	FIL	G's	60.7	34.6	-6.5	77.6	1000

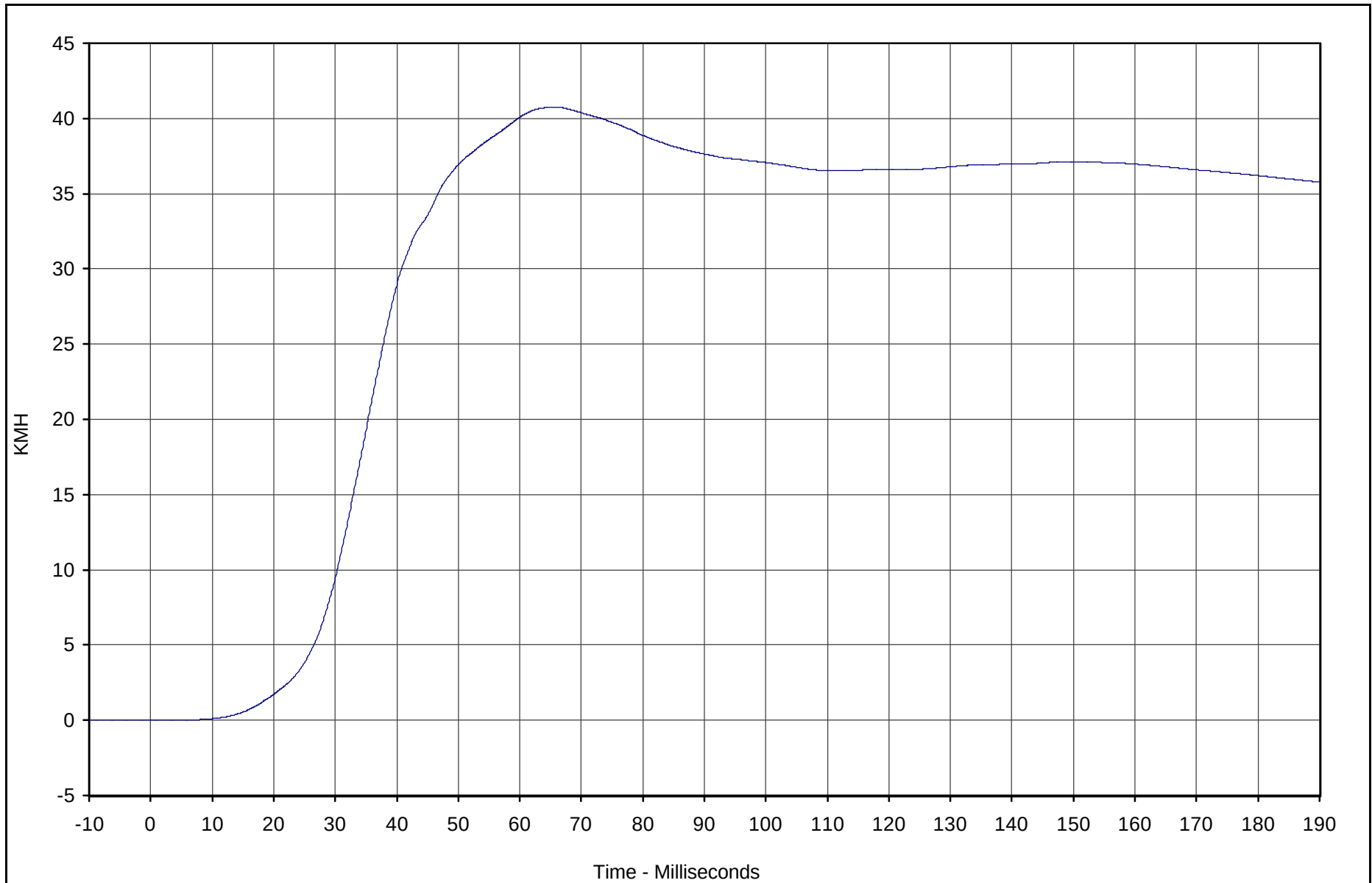


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Pelvis Primary Y Velocity	038	IN1	KMH	40.8	65.6	0.0	3.9	180

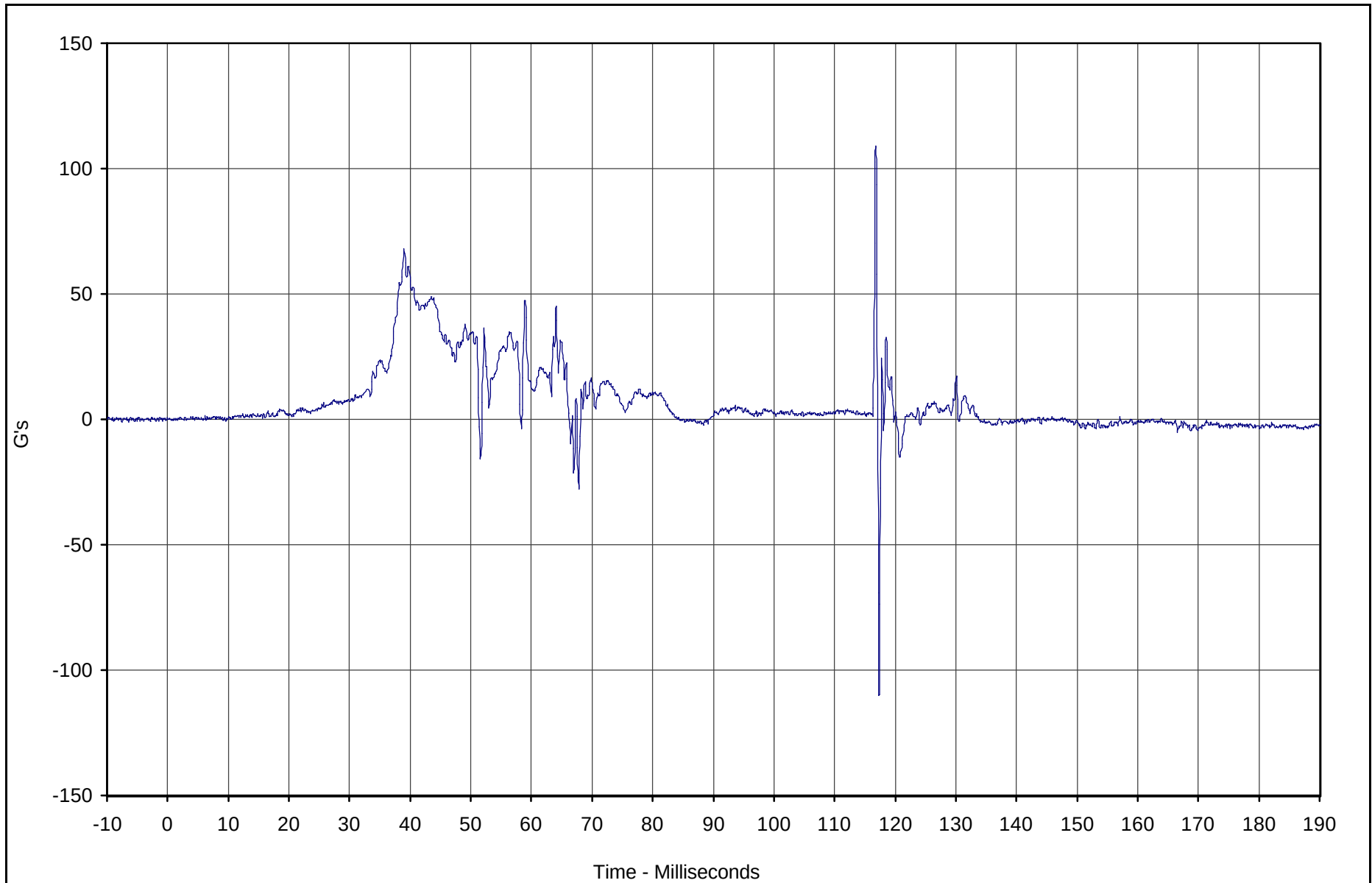


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Upper Rib Redundant Y	039	FIL	G's	109.0	116.8	-110.2	117.3	1000

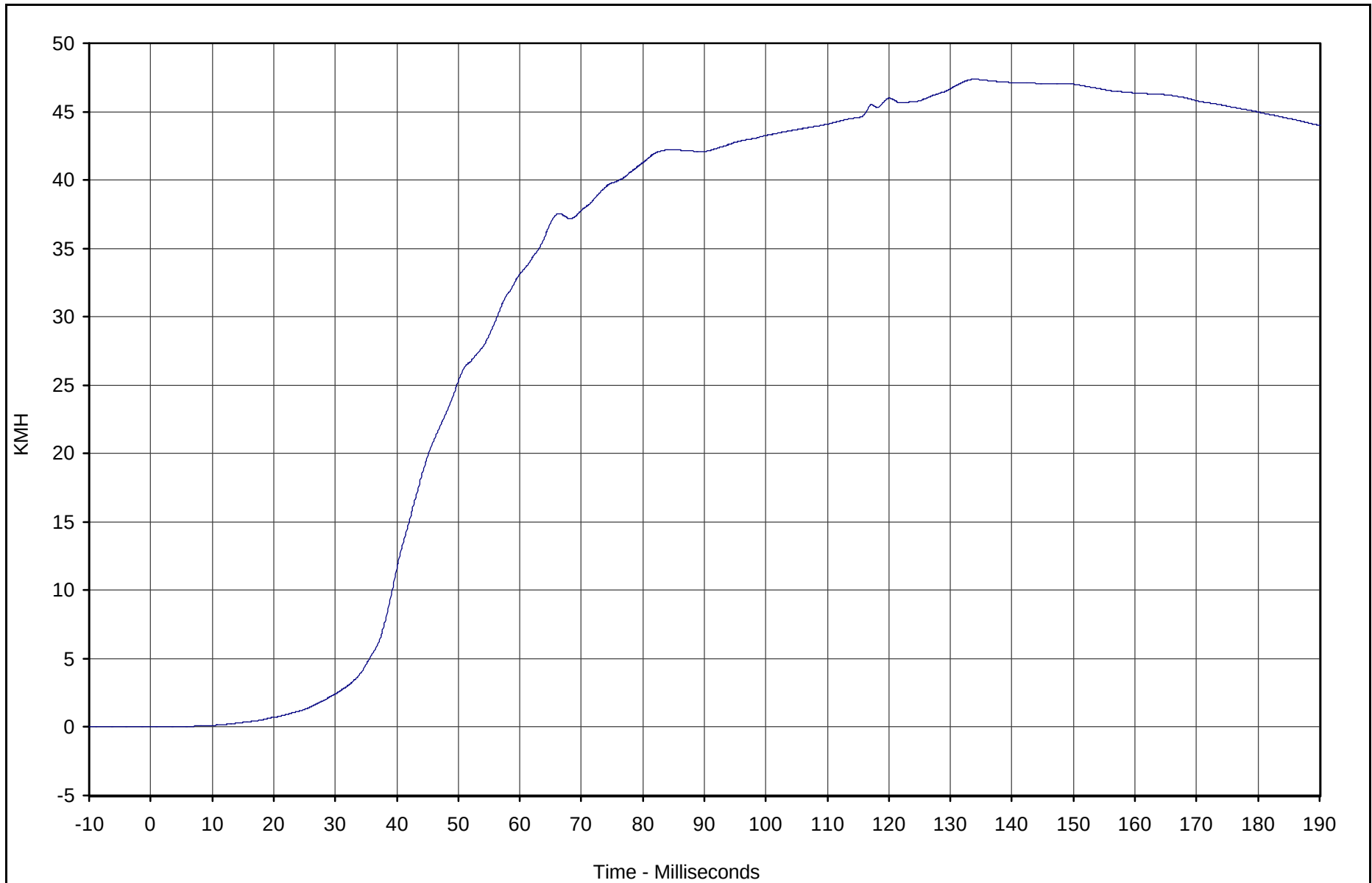


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Upper Rib Redundant Y Velocity	039	IN1	KMH	47.4	134.0	0.0	0.0	180

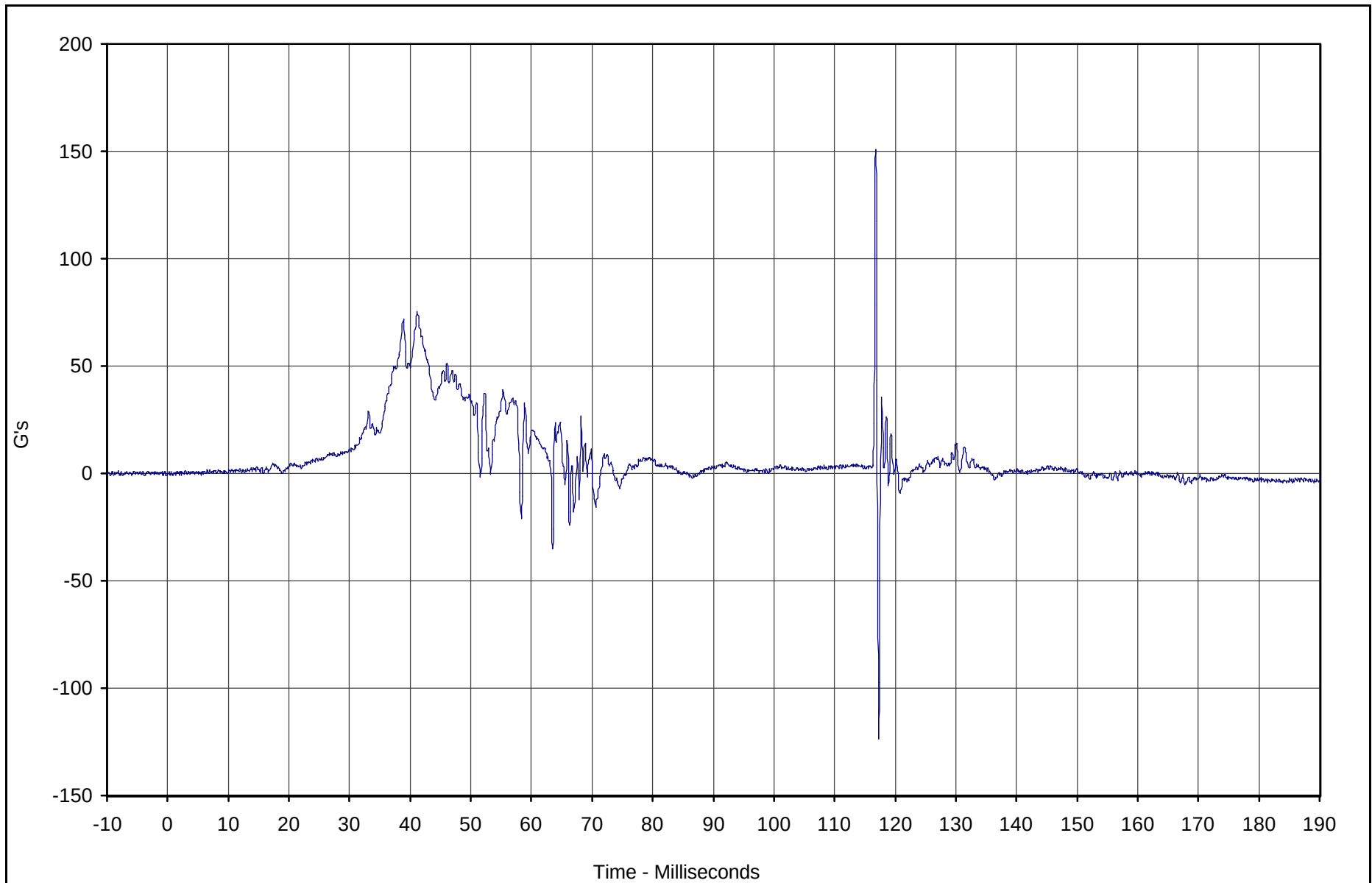


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Rib Redundant Y	040	FIL	G's	150.7	116.8	-123.5	117.3	1000

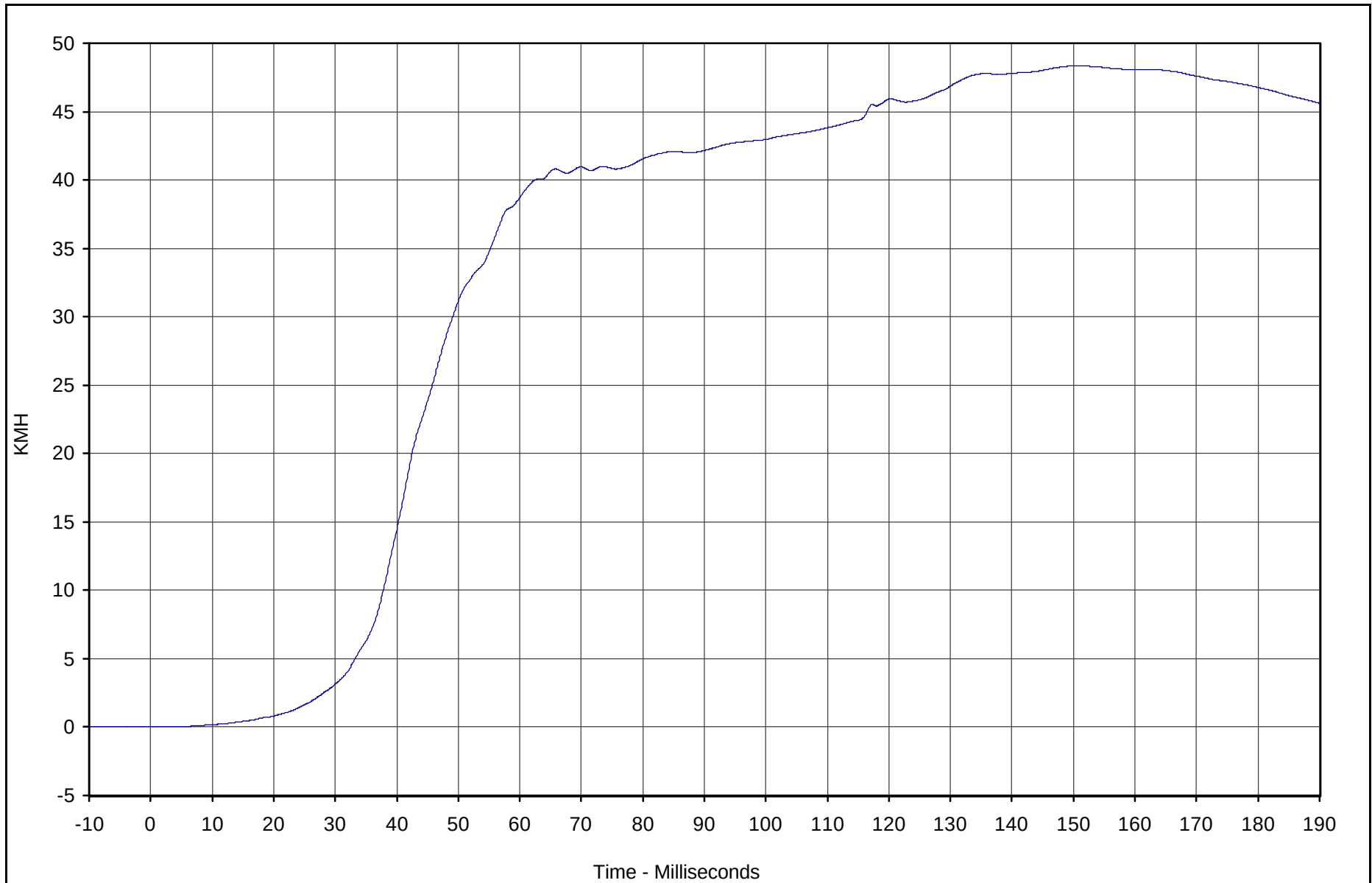


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Rib Redundant Y Velocity	040	IN1	KMH	48.4	150.8	0.0	1.2	180

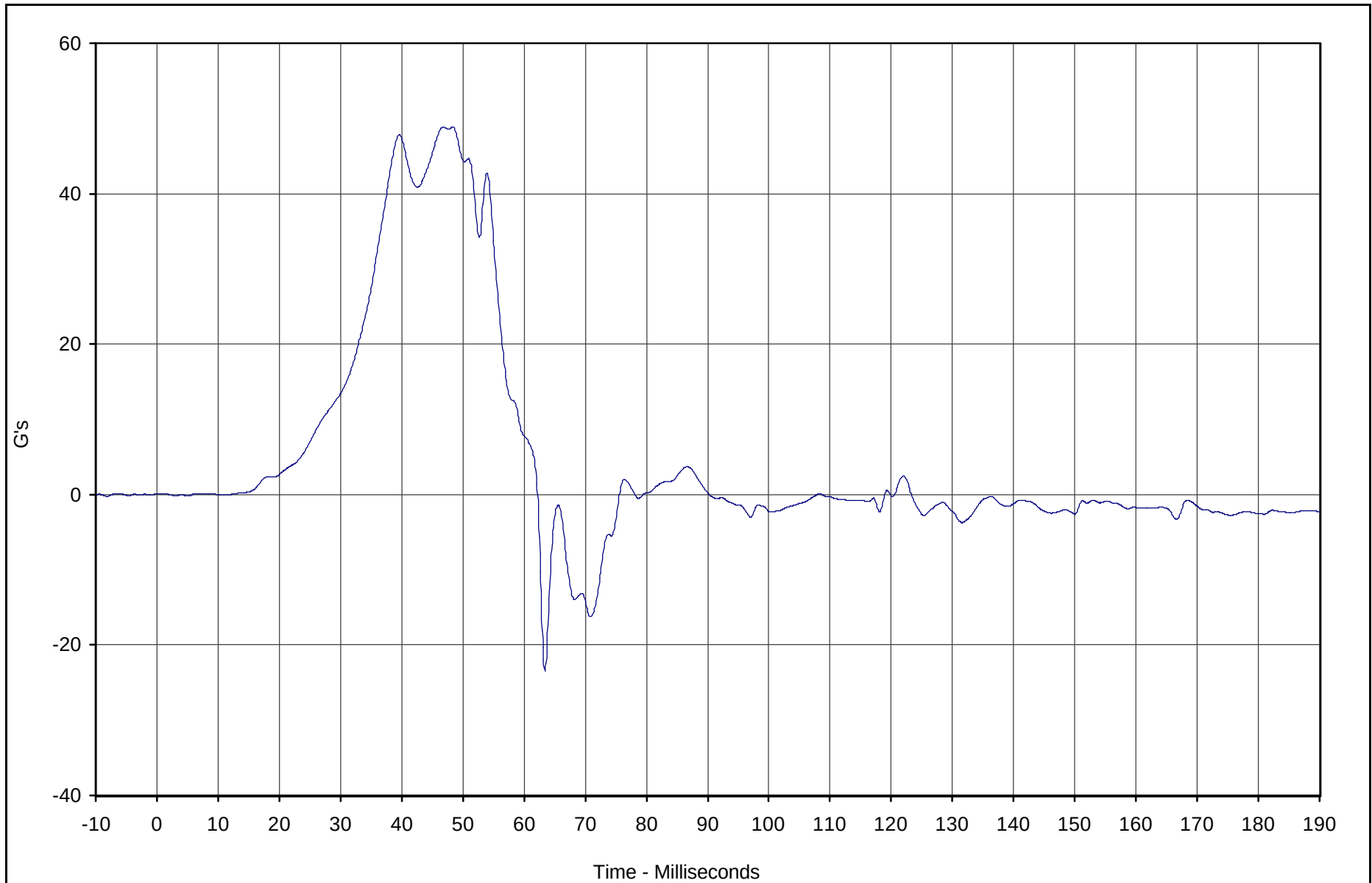


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Spine Redundant Y	041	FIL	G's	48.9	48.3	-23.4	63.4	180

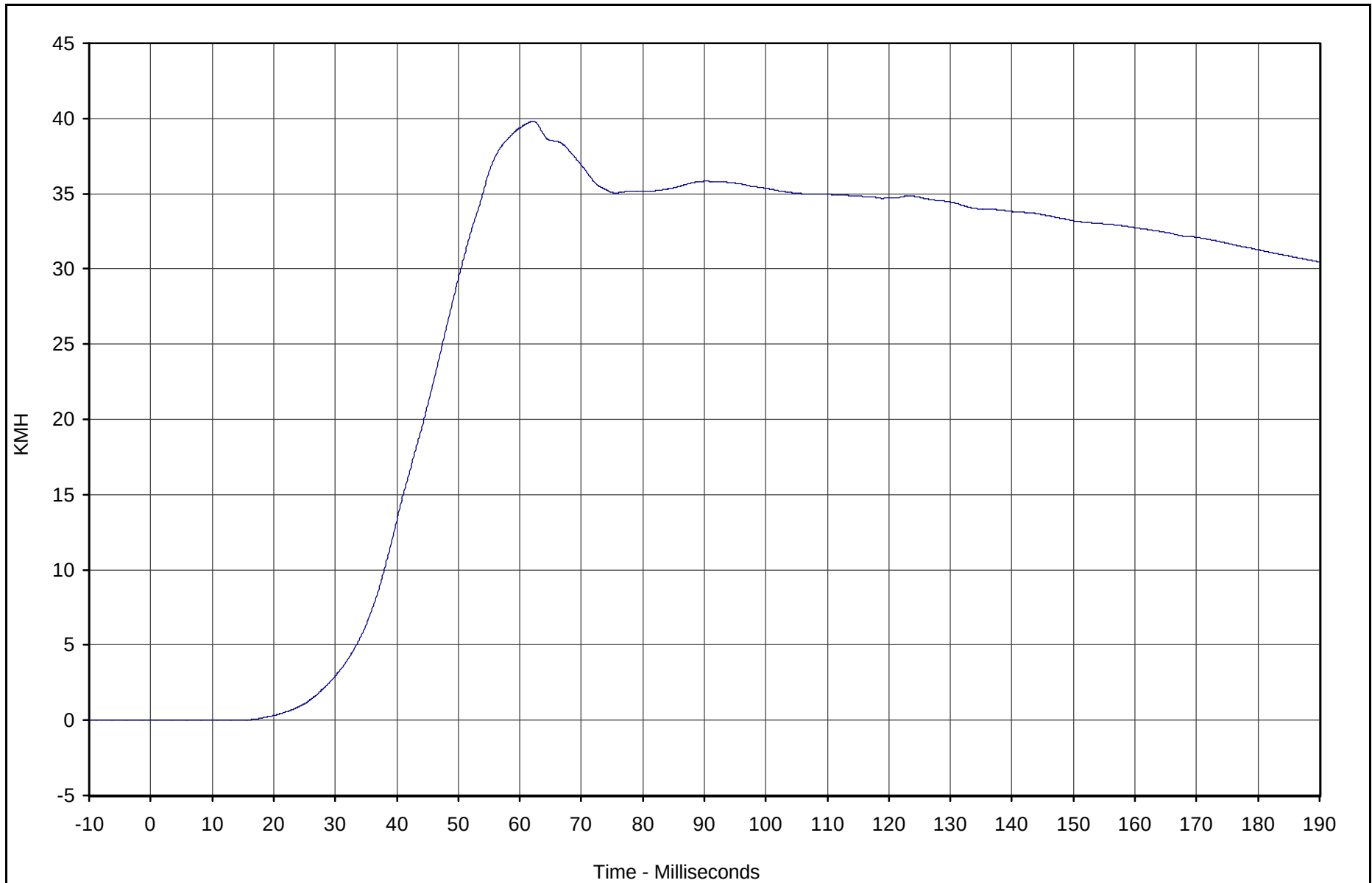


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Spine Redundant Y Velocity	041	IN1	KMH	39.8	62.2	0.0	5.8	180

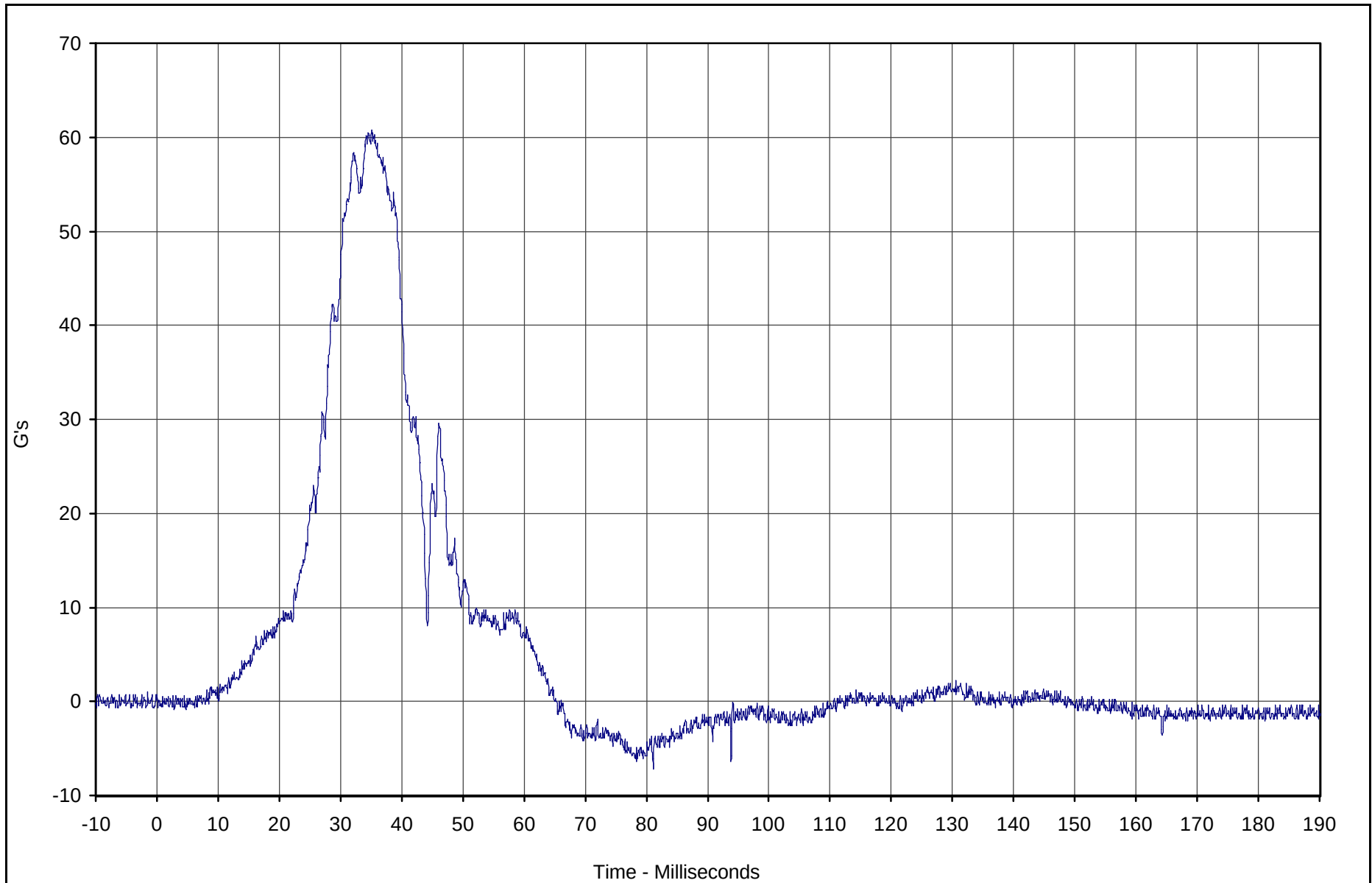


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Pelvis Redundant Y	042	FIL	G's	60.7	35.1	-7.2	81.1	1000

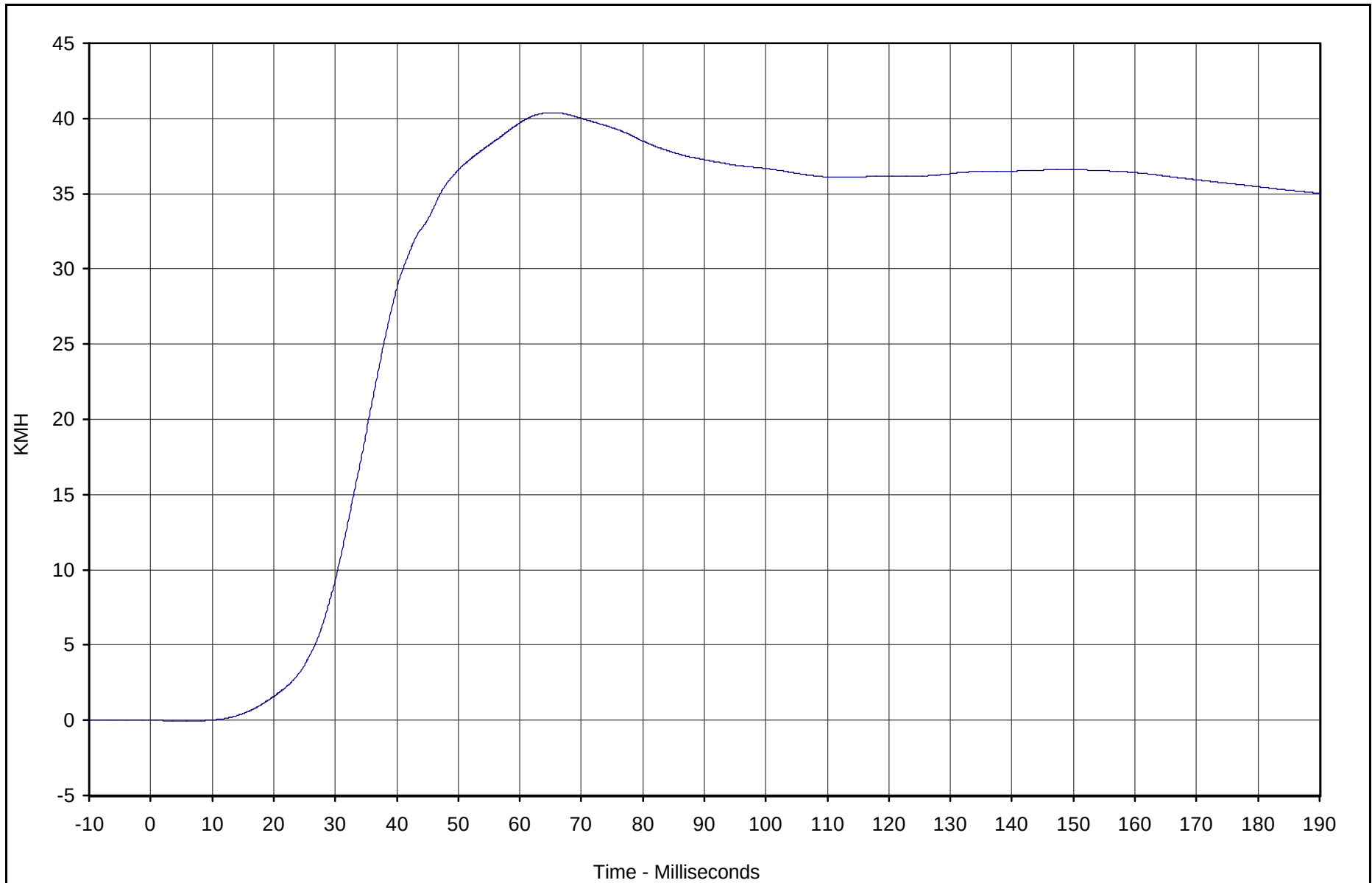


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Pelvis Redundant Y Velocity	042	IN1	KMH	40.4	65.3	0.0	6.6	180

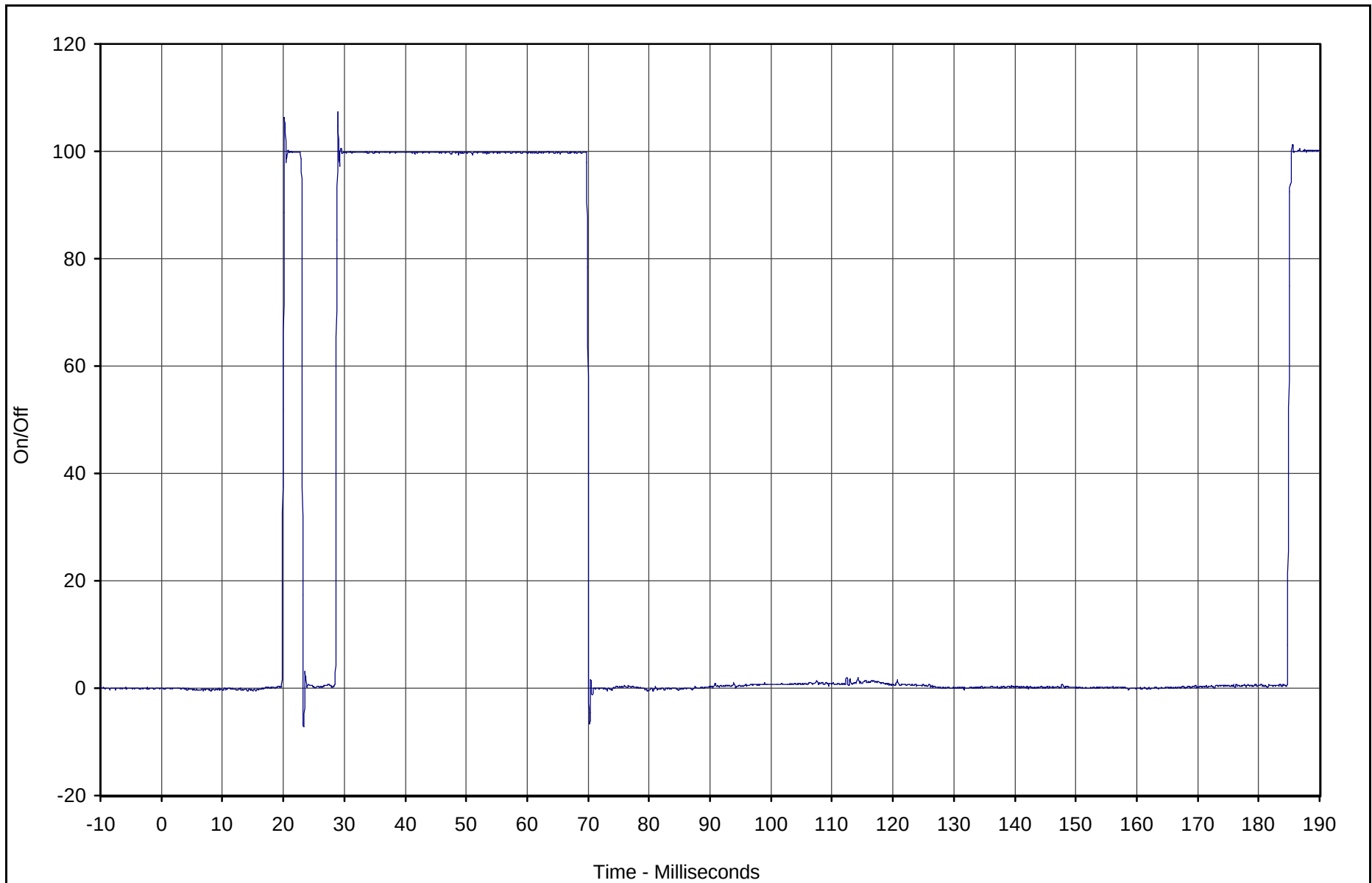


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Cross %	Time	SAE Class
Pass. Thorax Contact	043	FIL	On/Off	107.3	29.0	50.0	28.8	1000

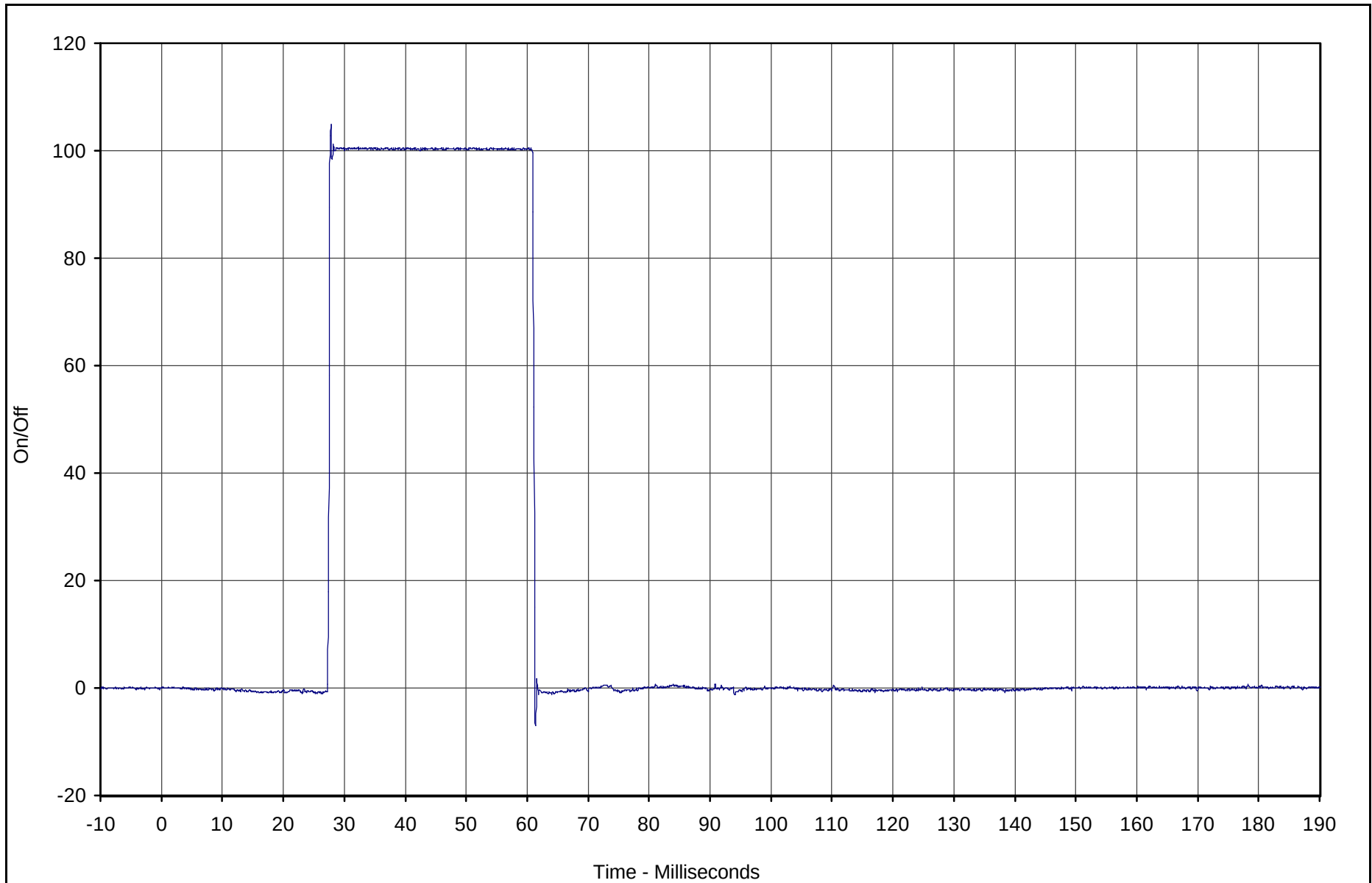


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Cross %	Time	SAE Class
Pass. Pelvis Contact	044	FIL	On/Off	104.9	27.8	50.0	27.5	1000

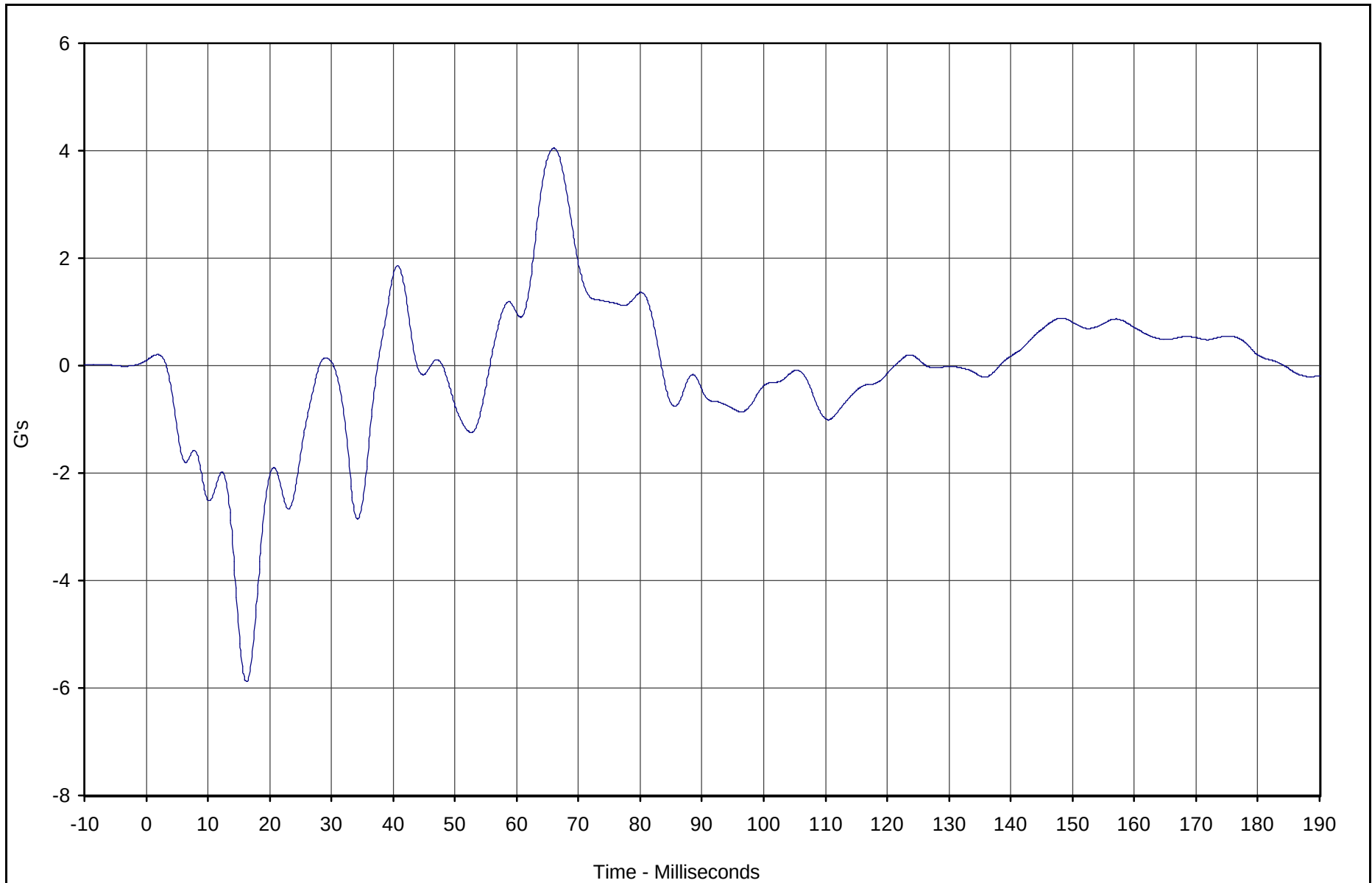


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat X	045	FIL	G's	4.1	66.0	-5.9	16.3	60

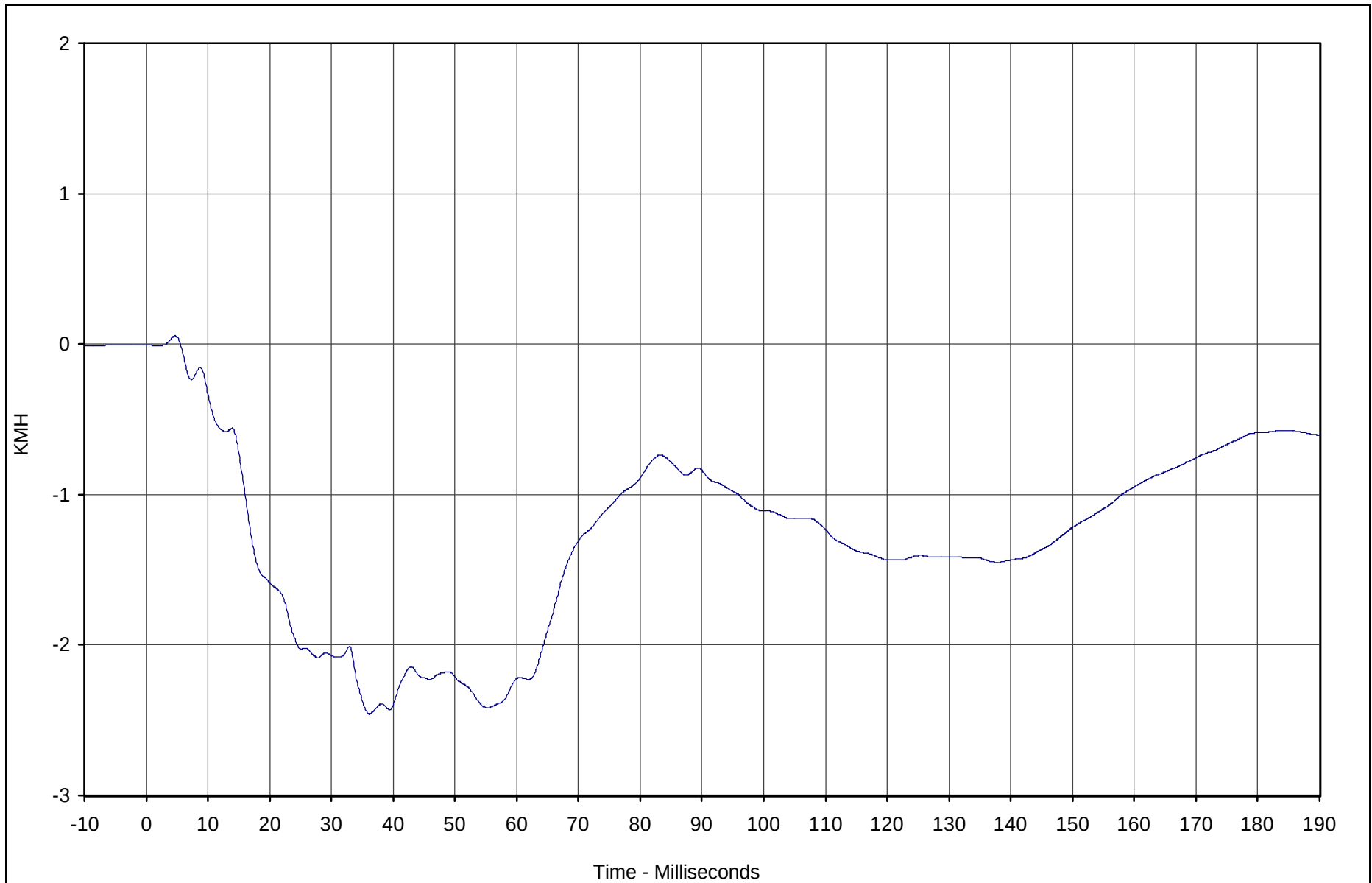


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat X Velocity	045	IN1	KMH	0.1	4.7	-2.5	36.2	180

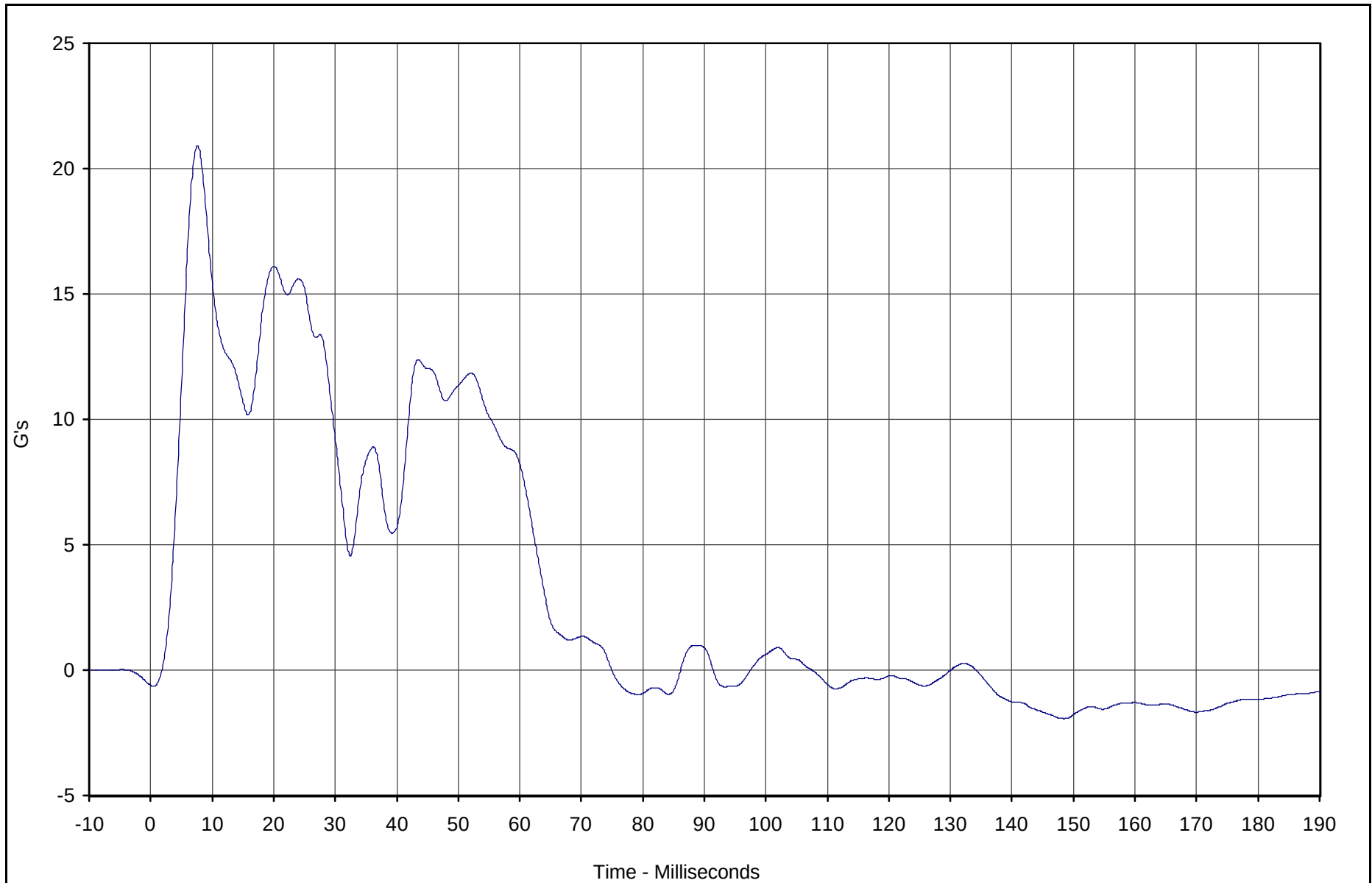


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat Y	046	FIL	G's	20.9	7.6	-1.9	148.4	60

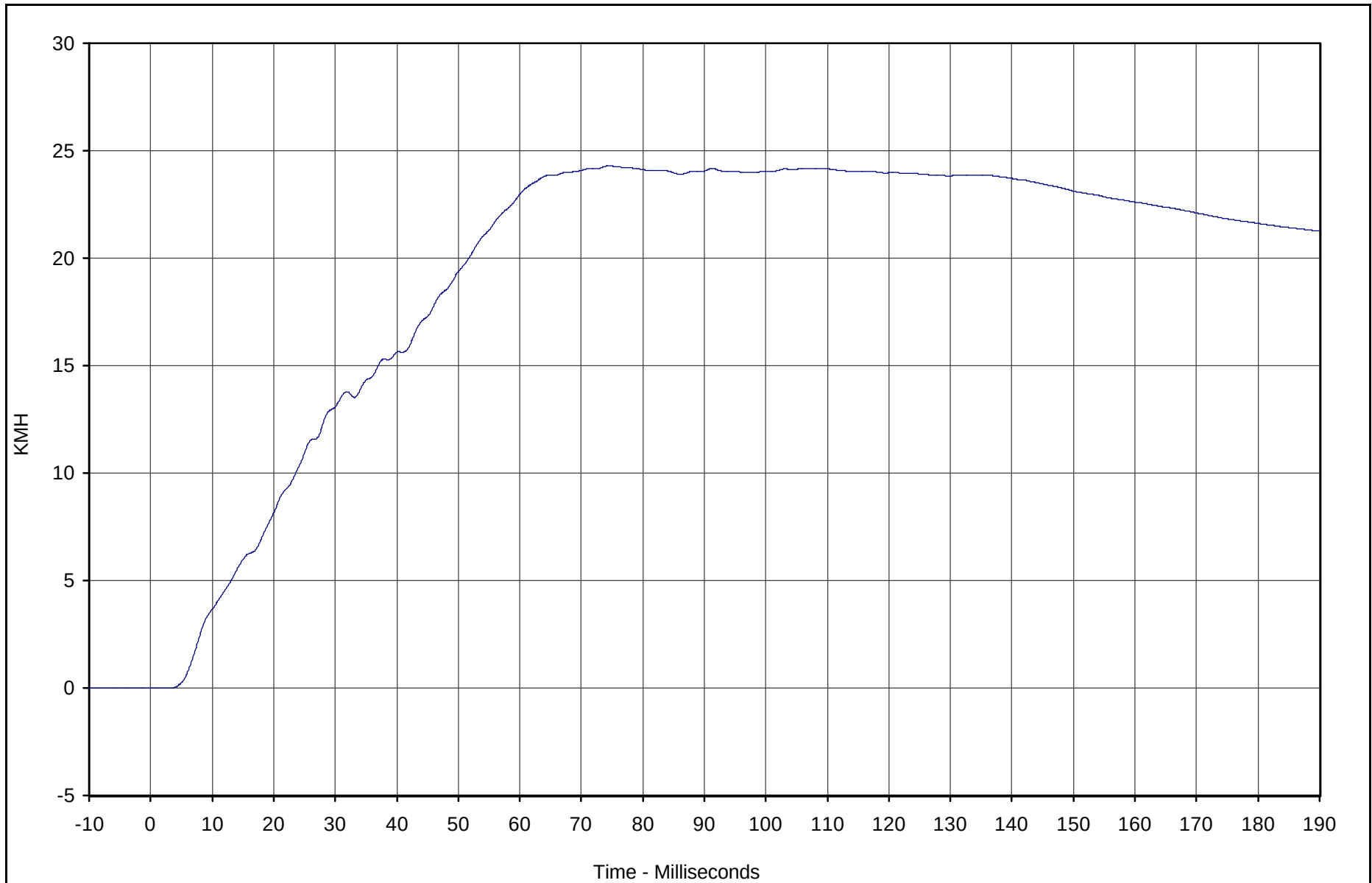


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat Y Velocity	046	IN1	KMH	24.3	74.5	0.0	2.7	180

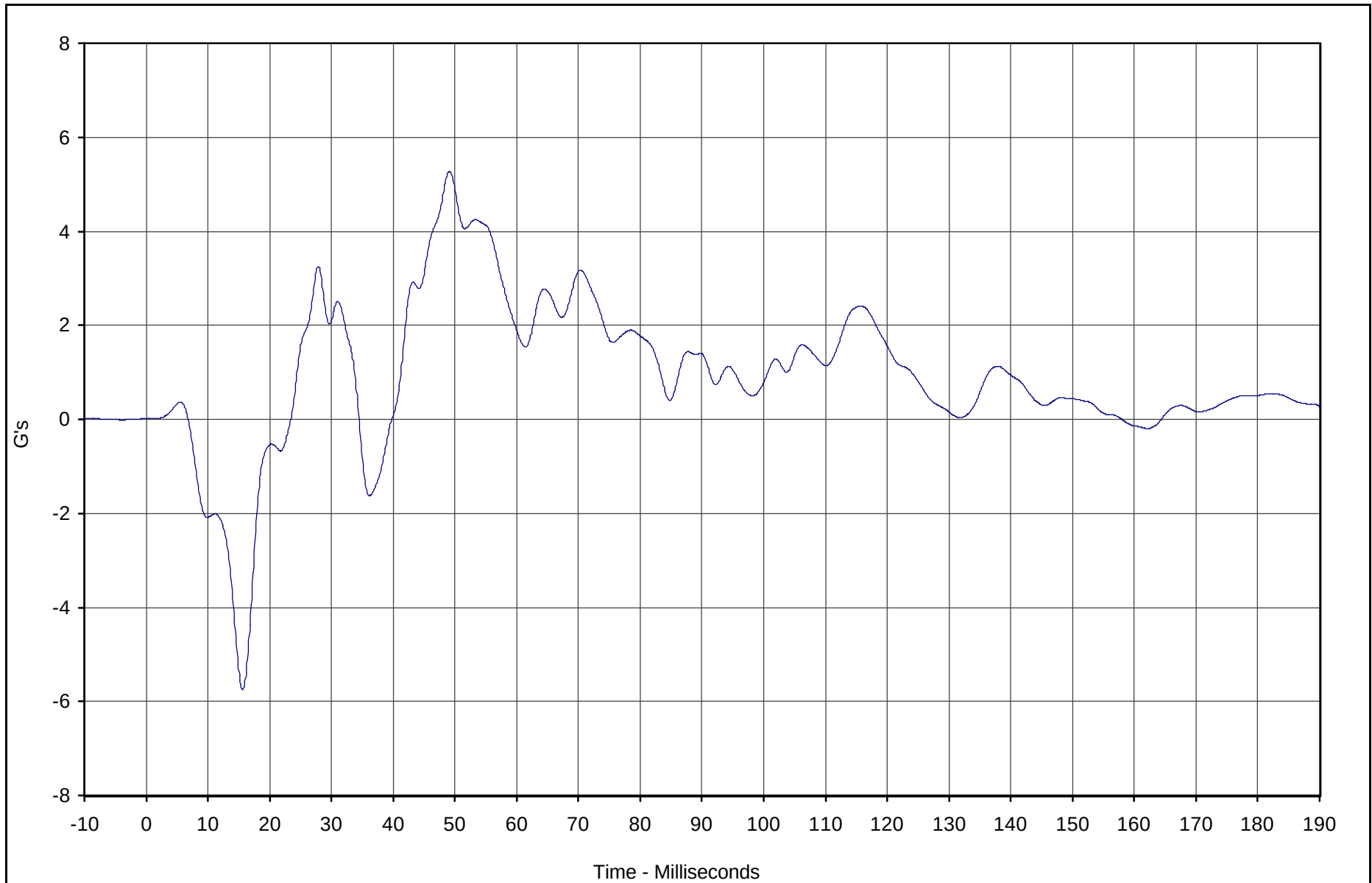


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat Z	047	FIL	G's	5.3	49.1	-5.7	15.6	60

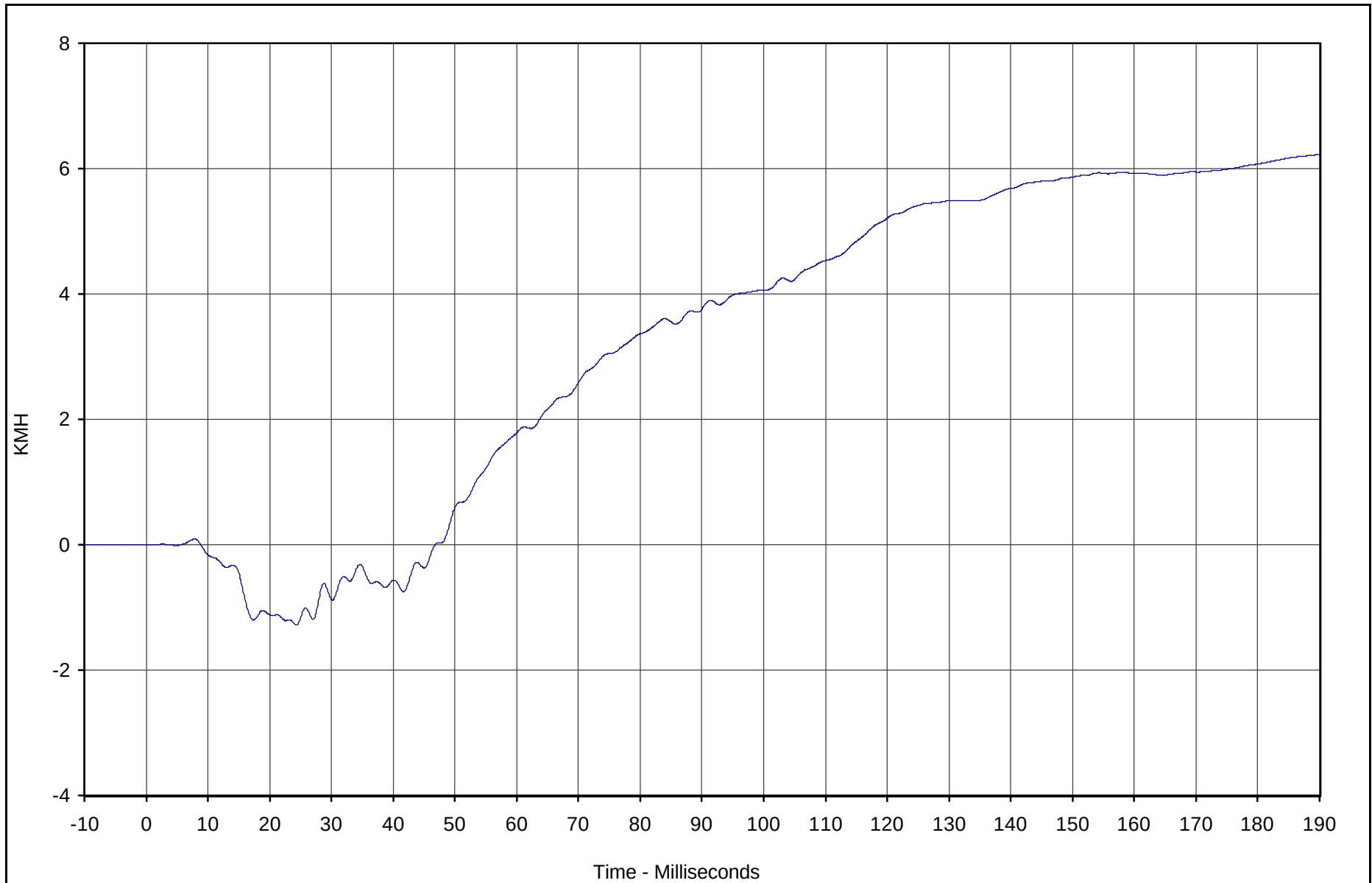


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat Z Velocity	047	IN1	KMH	6.2	189.9	-1.3	24.3	180

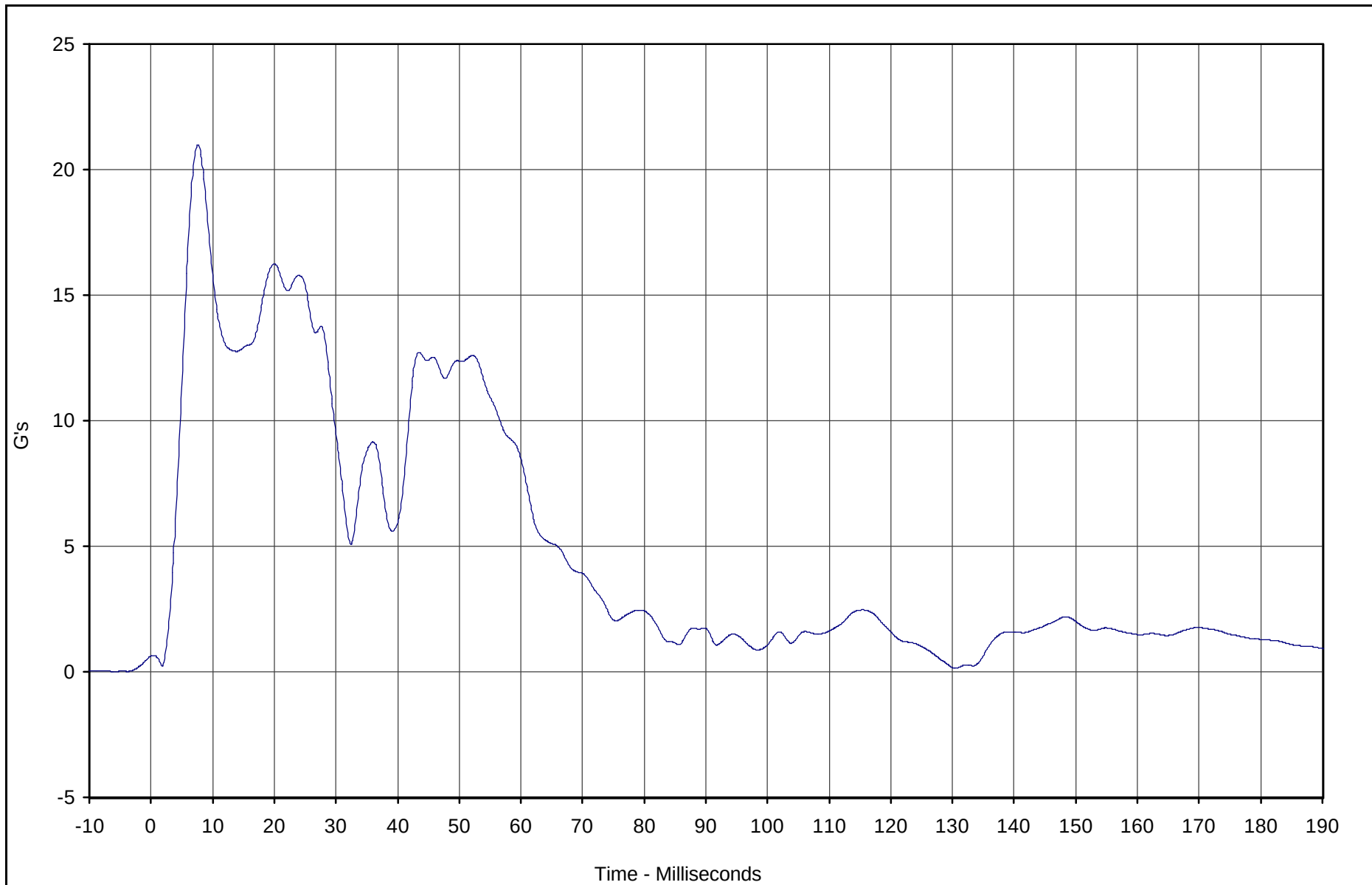


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Front Seat Resultant	045	RES	G's	21.0	7.6	0.1	130.4	60

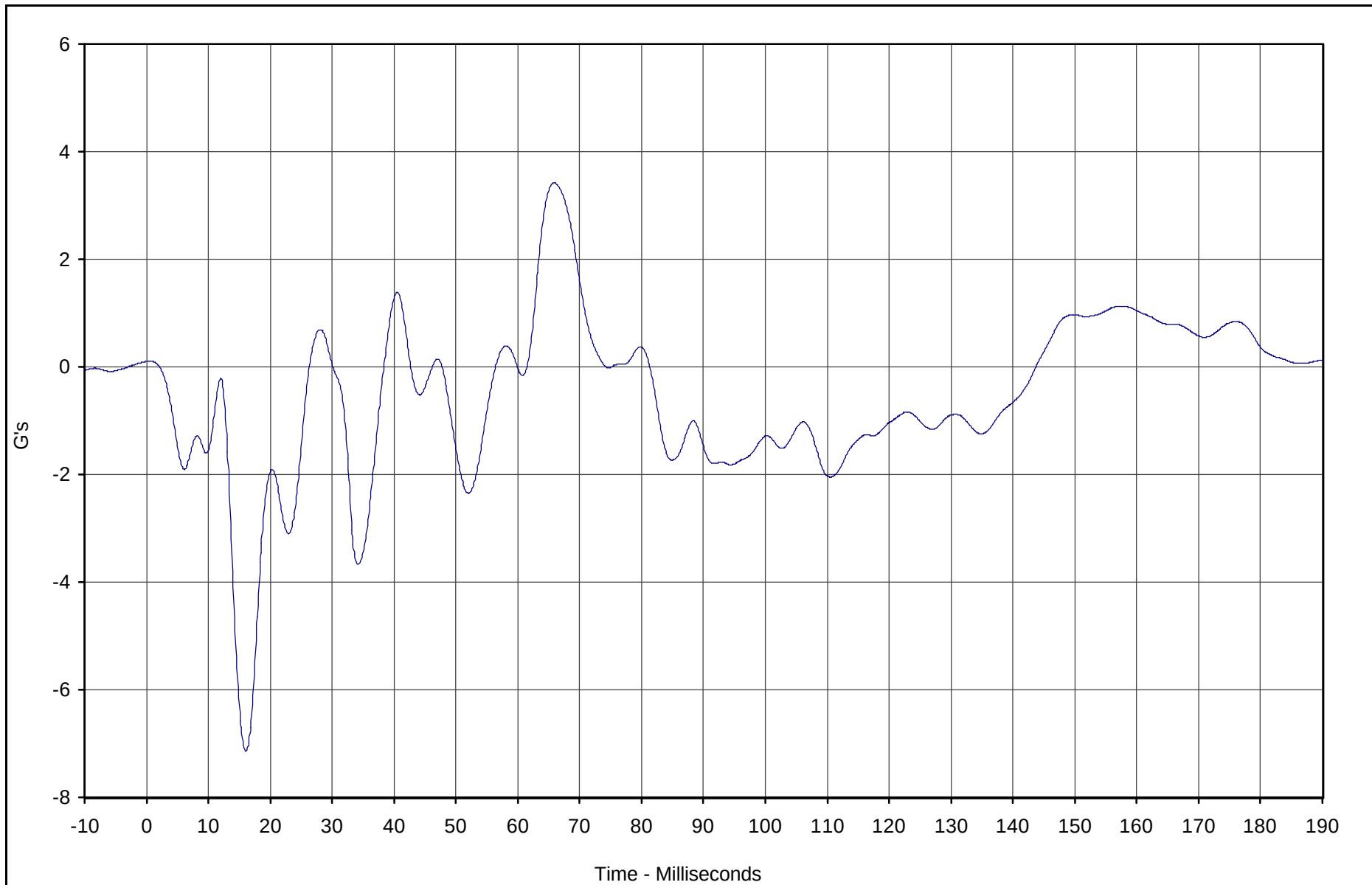


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat X	048	FIL	G's	3.4	65.8	-7.1	16.1	60

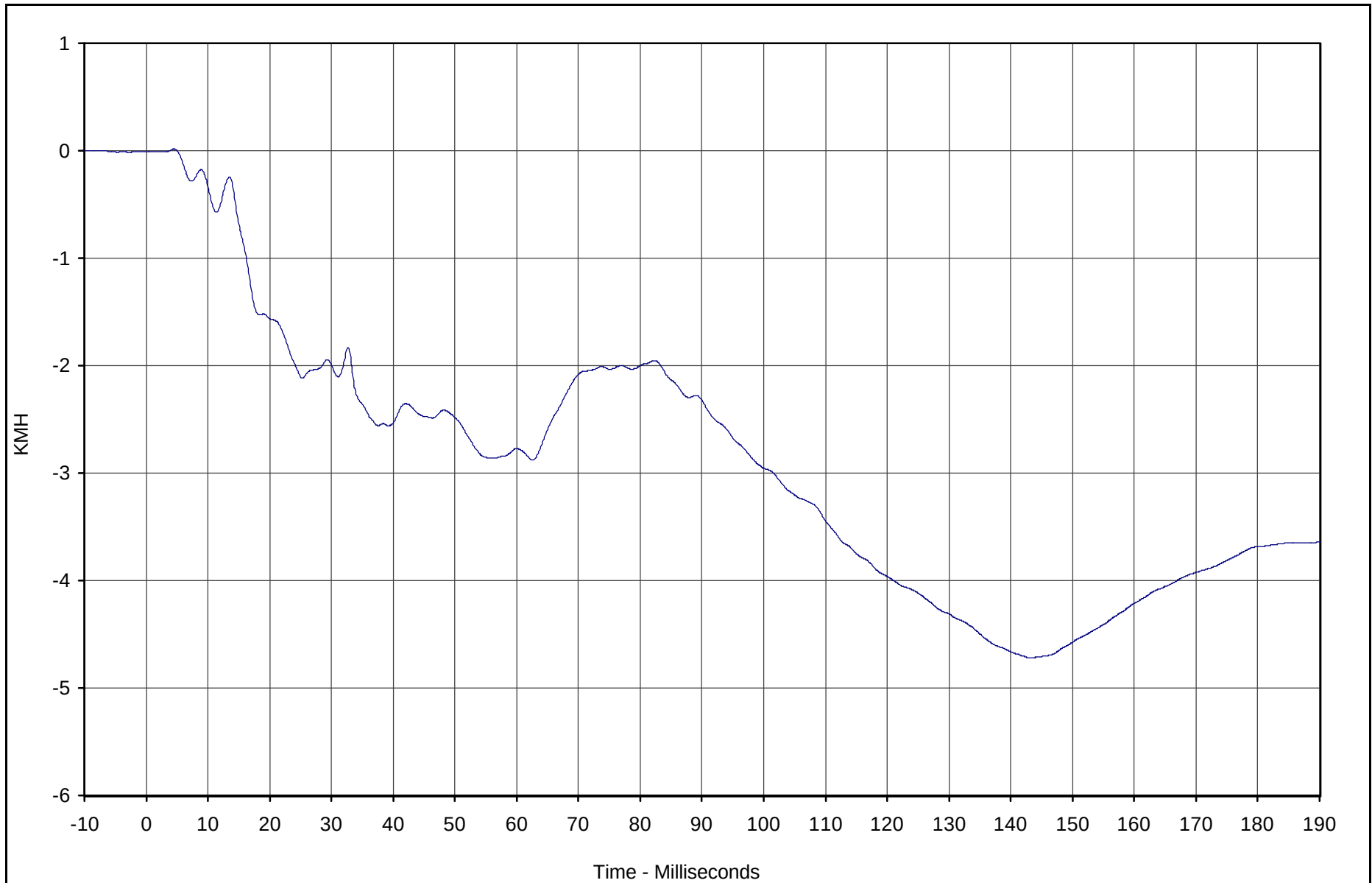


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat X Velocity	048	IN1	KMH	0.0	4.5	-4.7	143.2	180

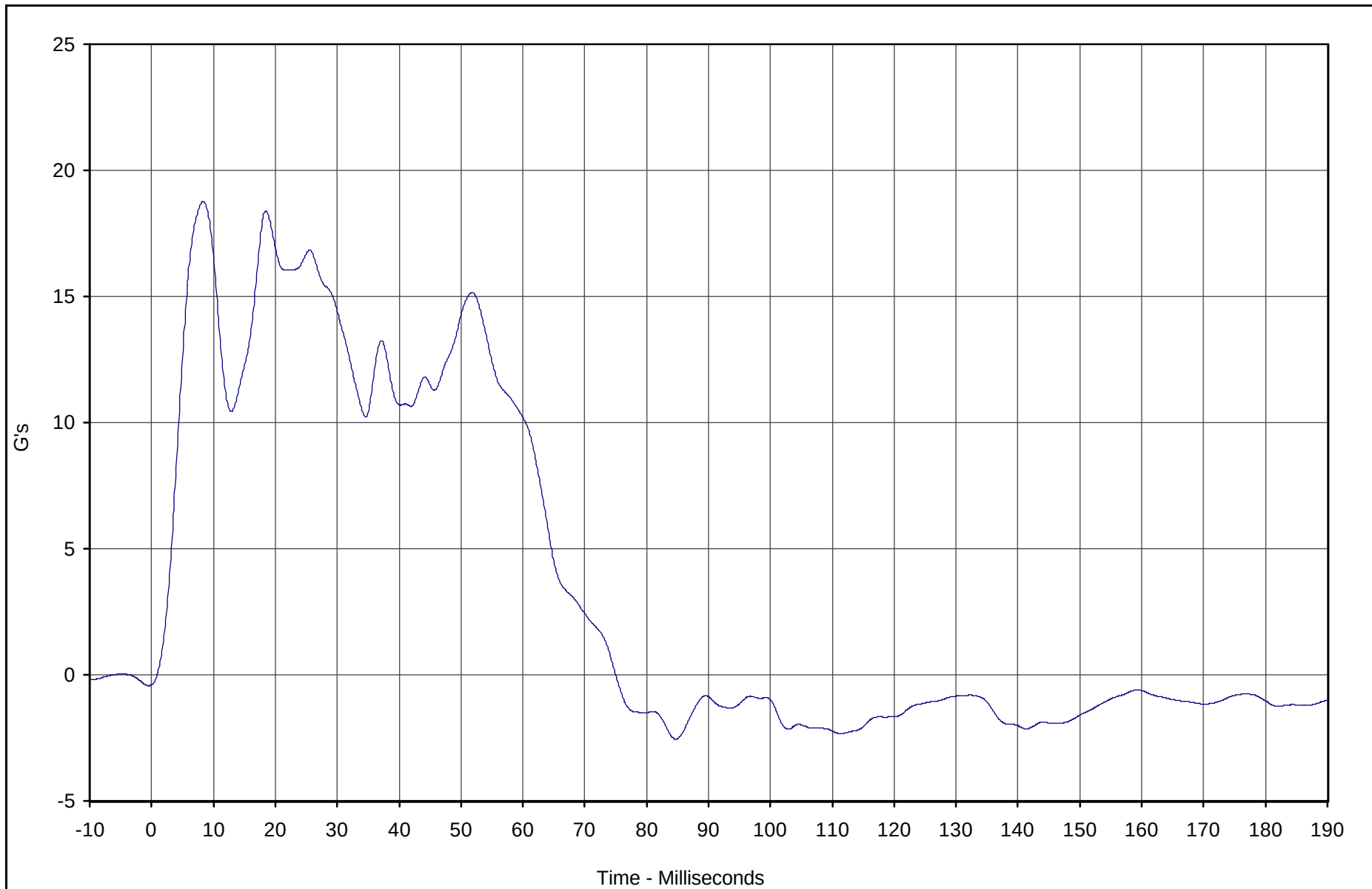


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat Y	049	FIL	G's	18.8	8.3	-2.6	84.7	60

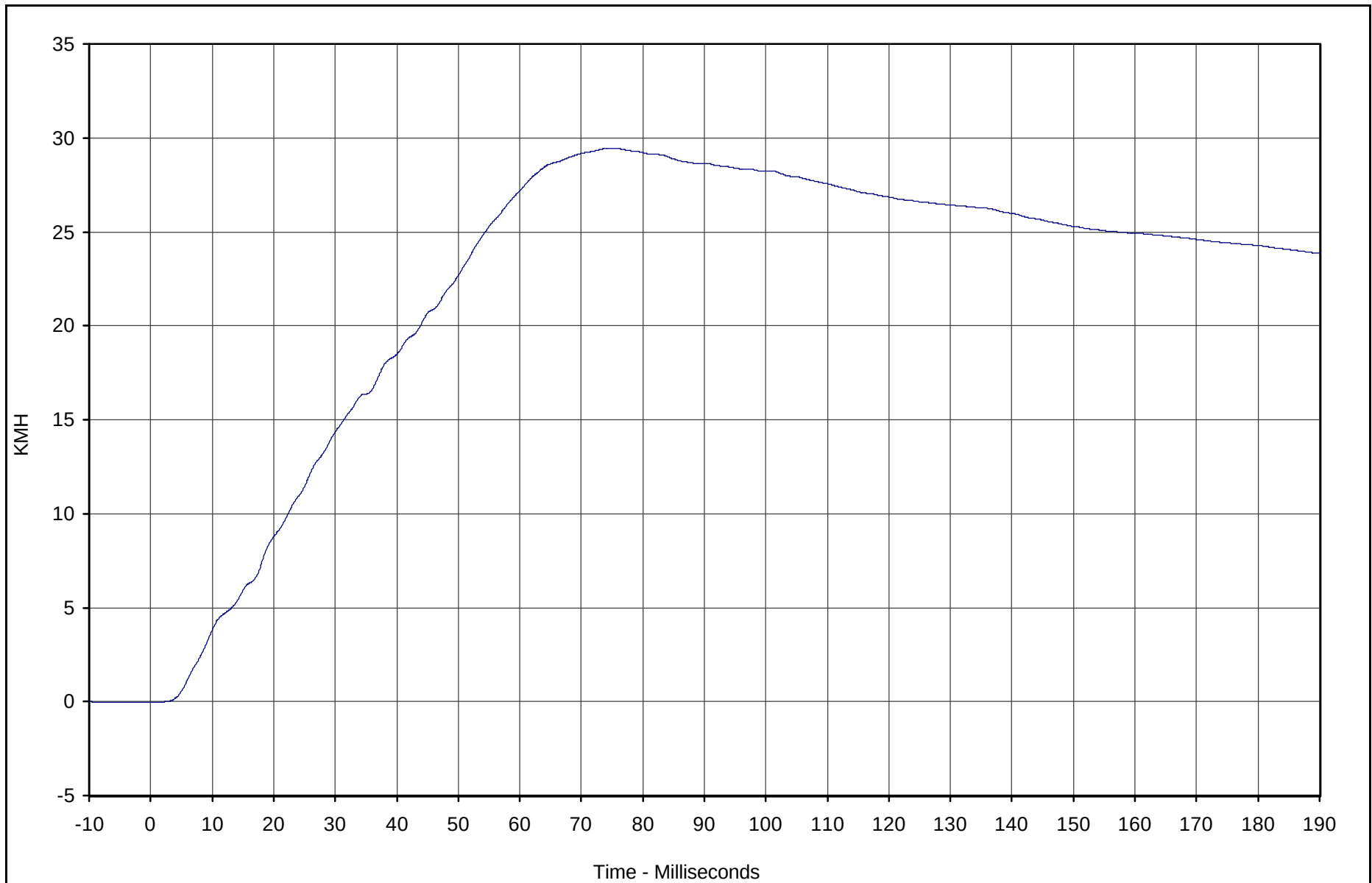


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat Y Velocity	049	IN1	KMH	29.5	75.1	0.0	1.8	180

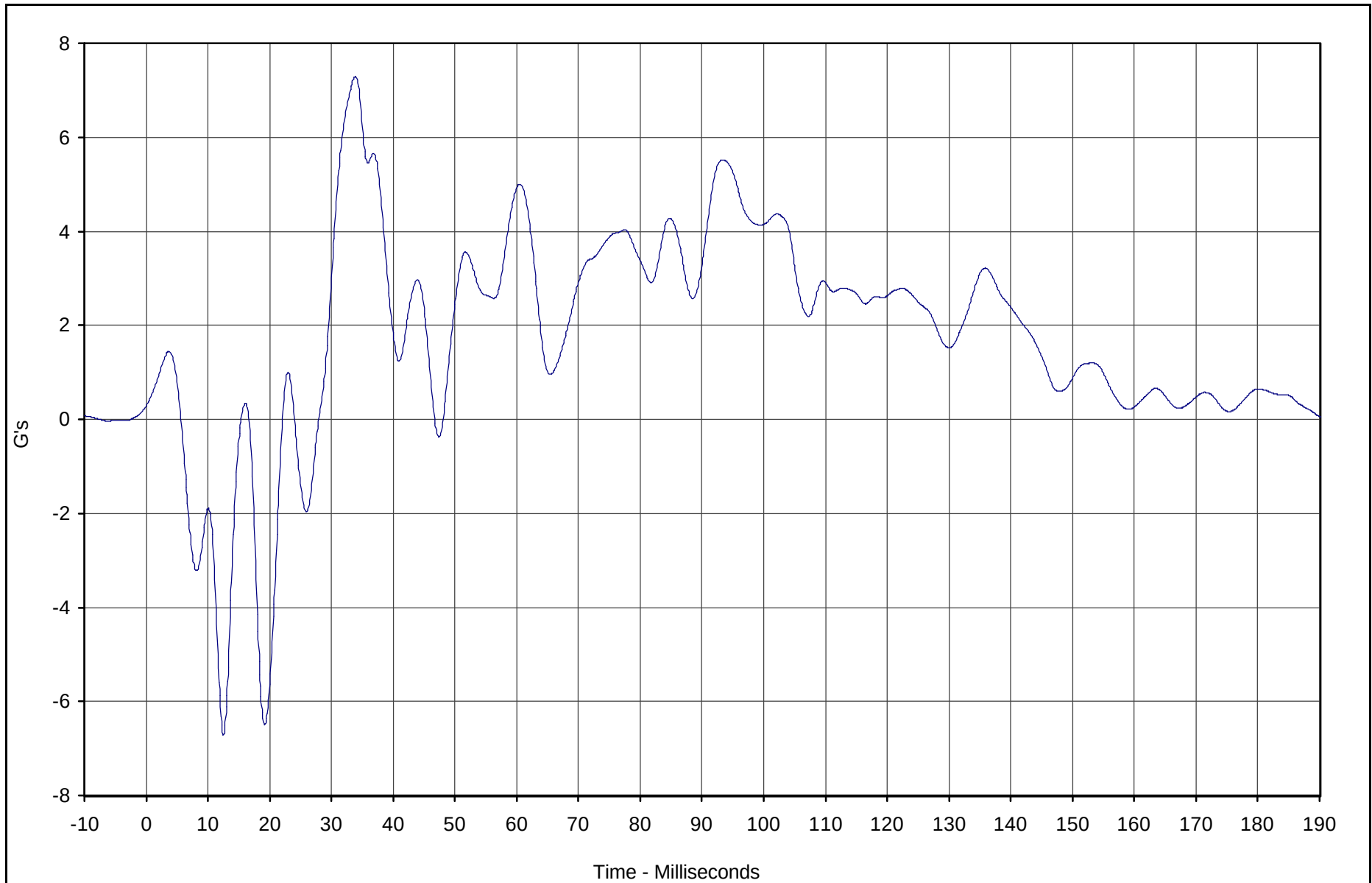


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat Z	050	FIL	G's	7.3	33.9	-6.7	12.5	60

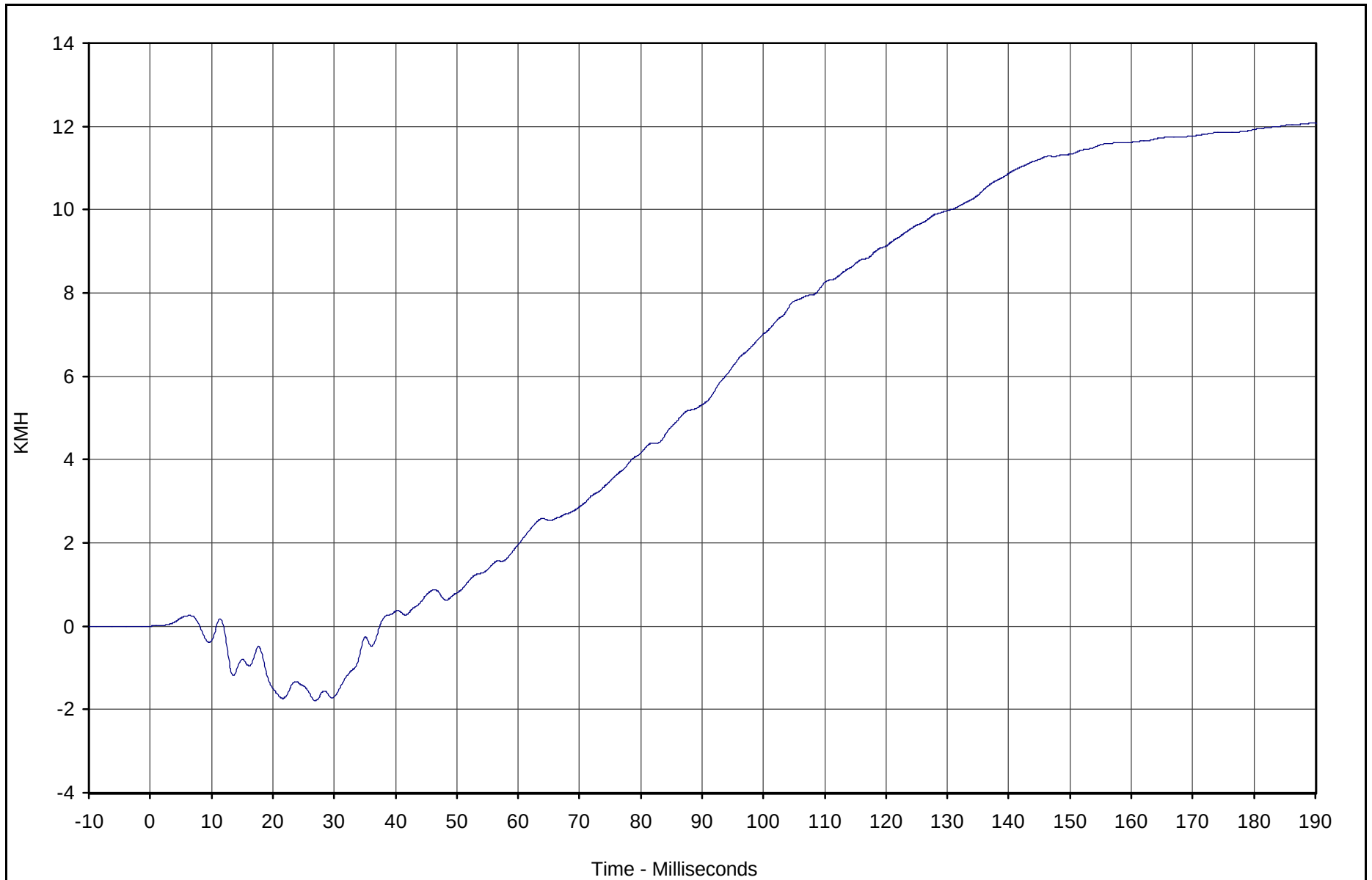


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat Z Velocity	050	IN1	KMH	12.1	189.5	-1.8	26.9	180

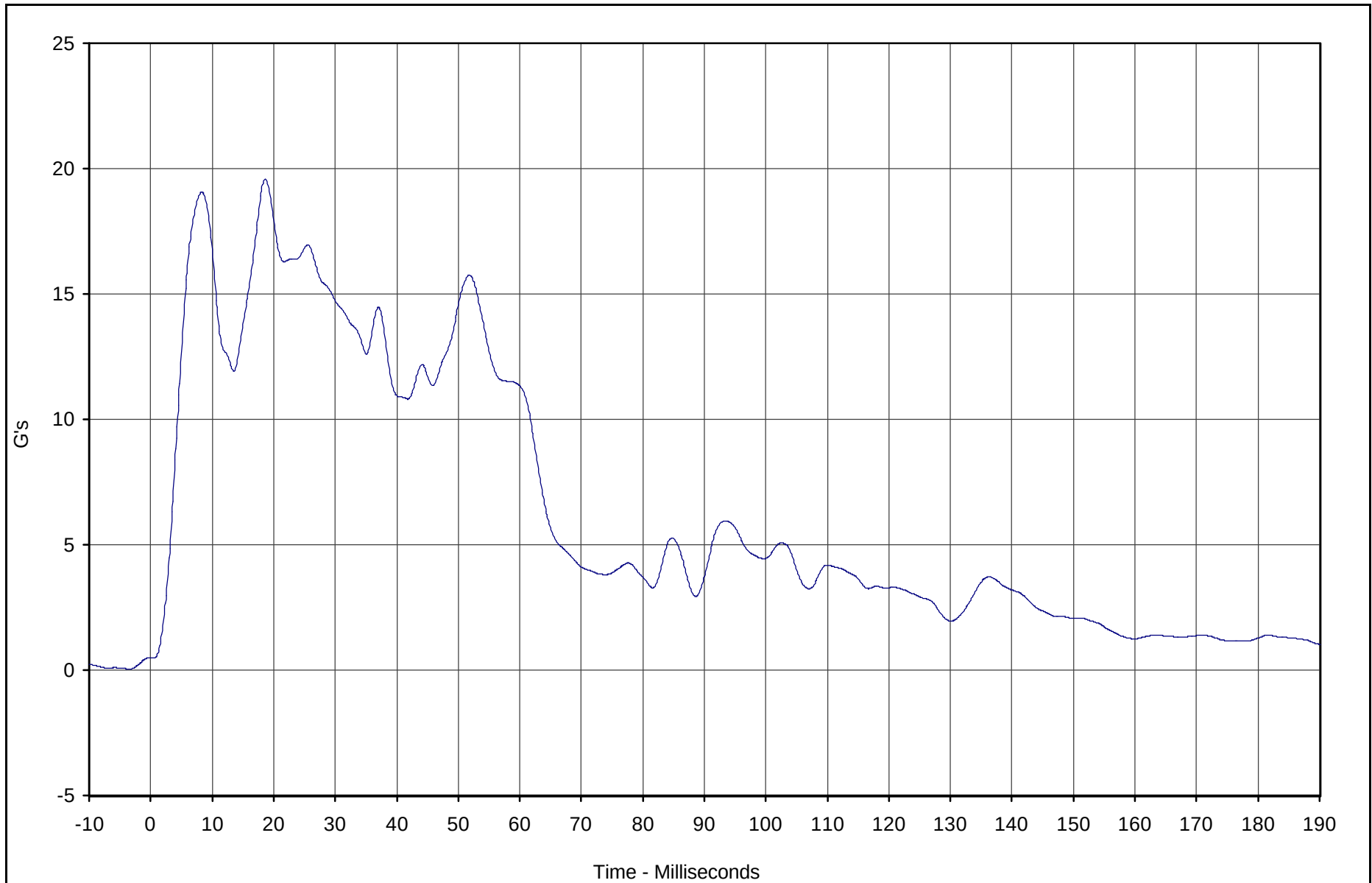


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Sill Rear Seat Resultant	048	RES	G's	19.6	18.6	0.5	0.5	60

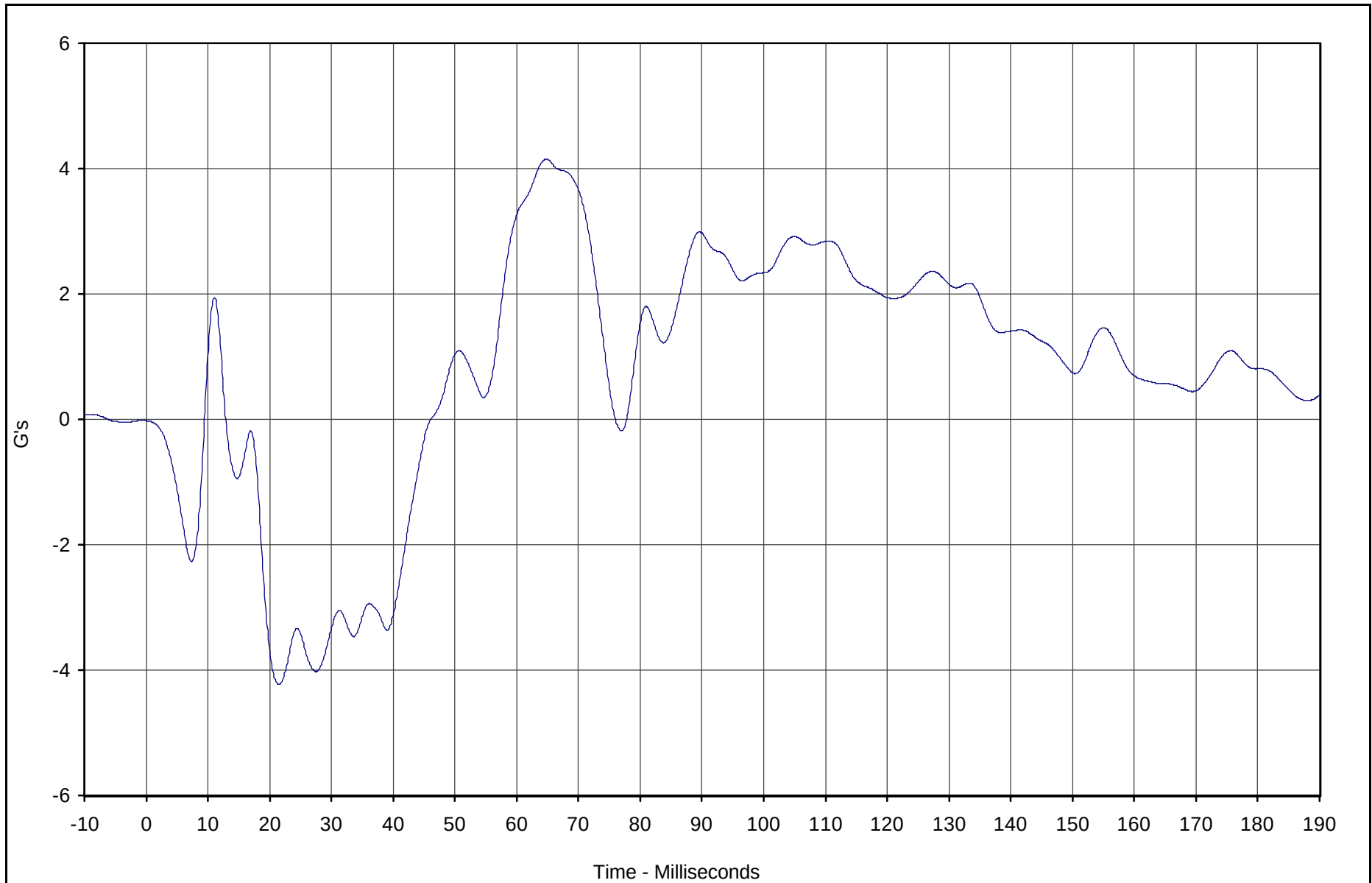


Test Vehicle: Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle X	051	FIL	G's	4.2	64.8	-4.2	21.5	60

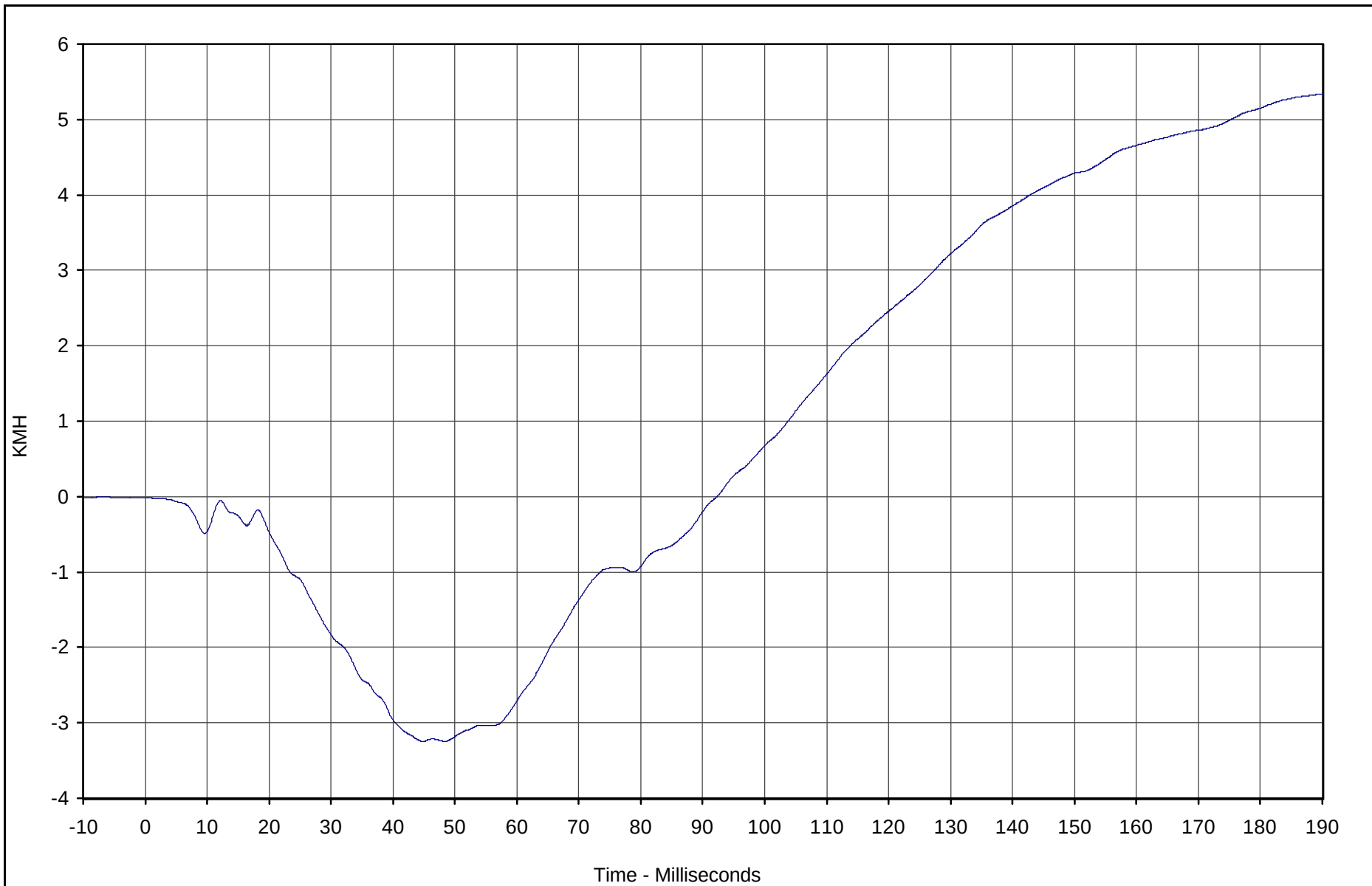


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle X Velocity	051	IN1	KMH	5.3	189.9	-3.3	44.8	180

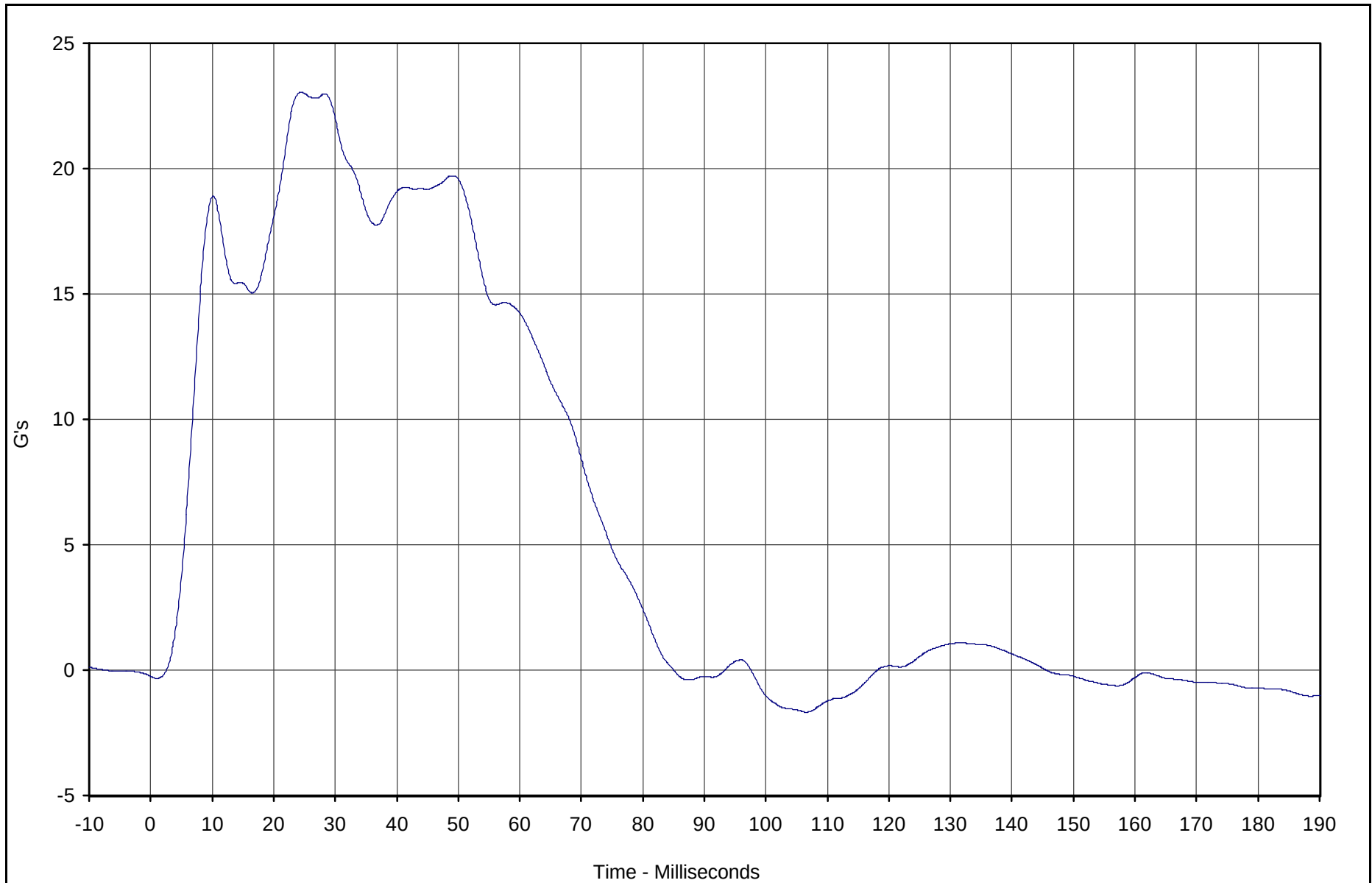


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle Y	052	FIL	G's	23.0	24.4	-1.7	106.6	60

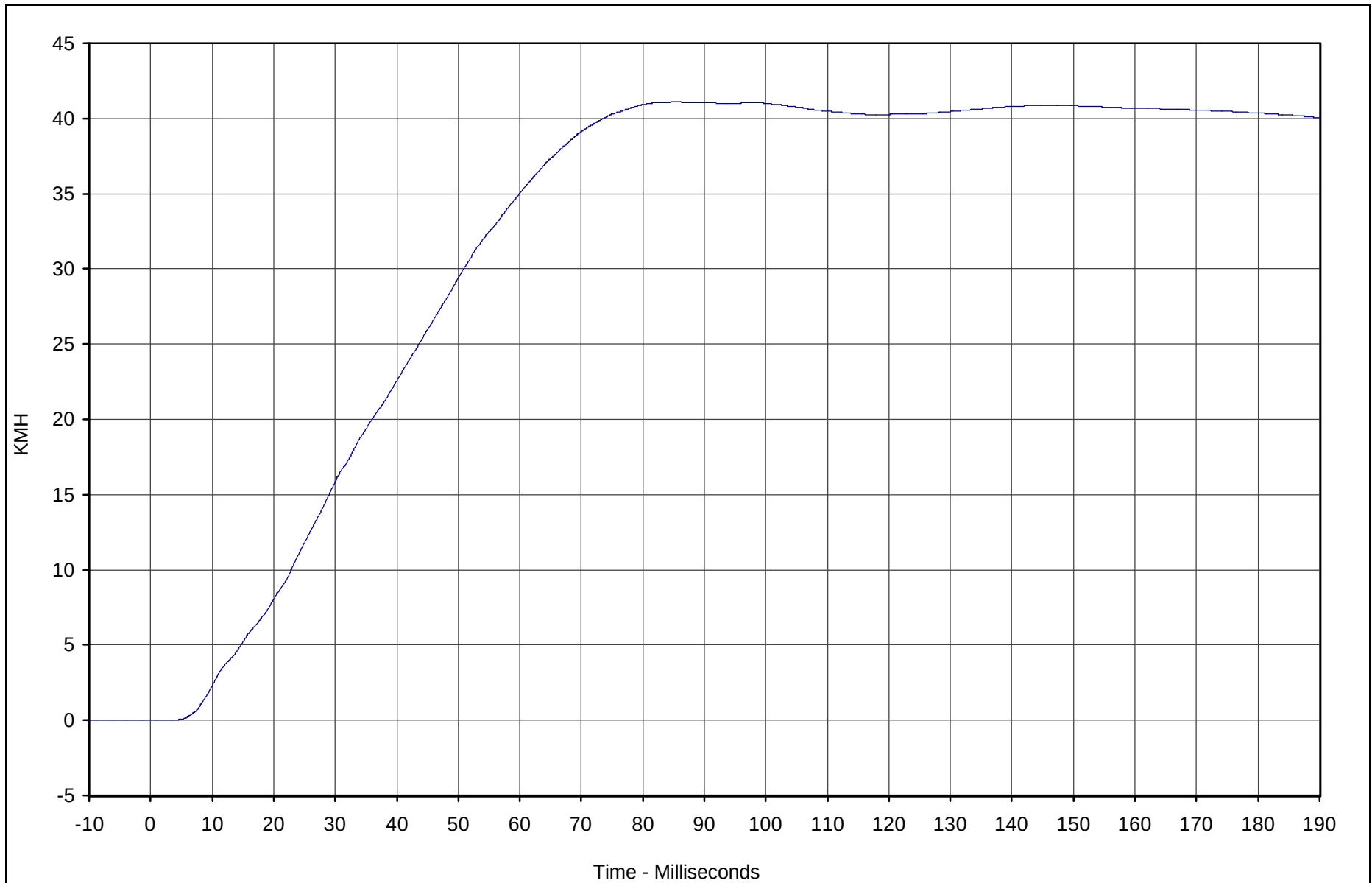


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle Y Velocity	052	IN1	KMH	41.1	85.4	0.0	1.7	180

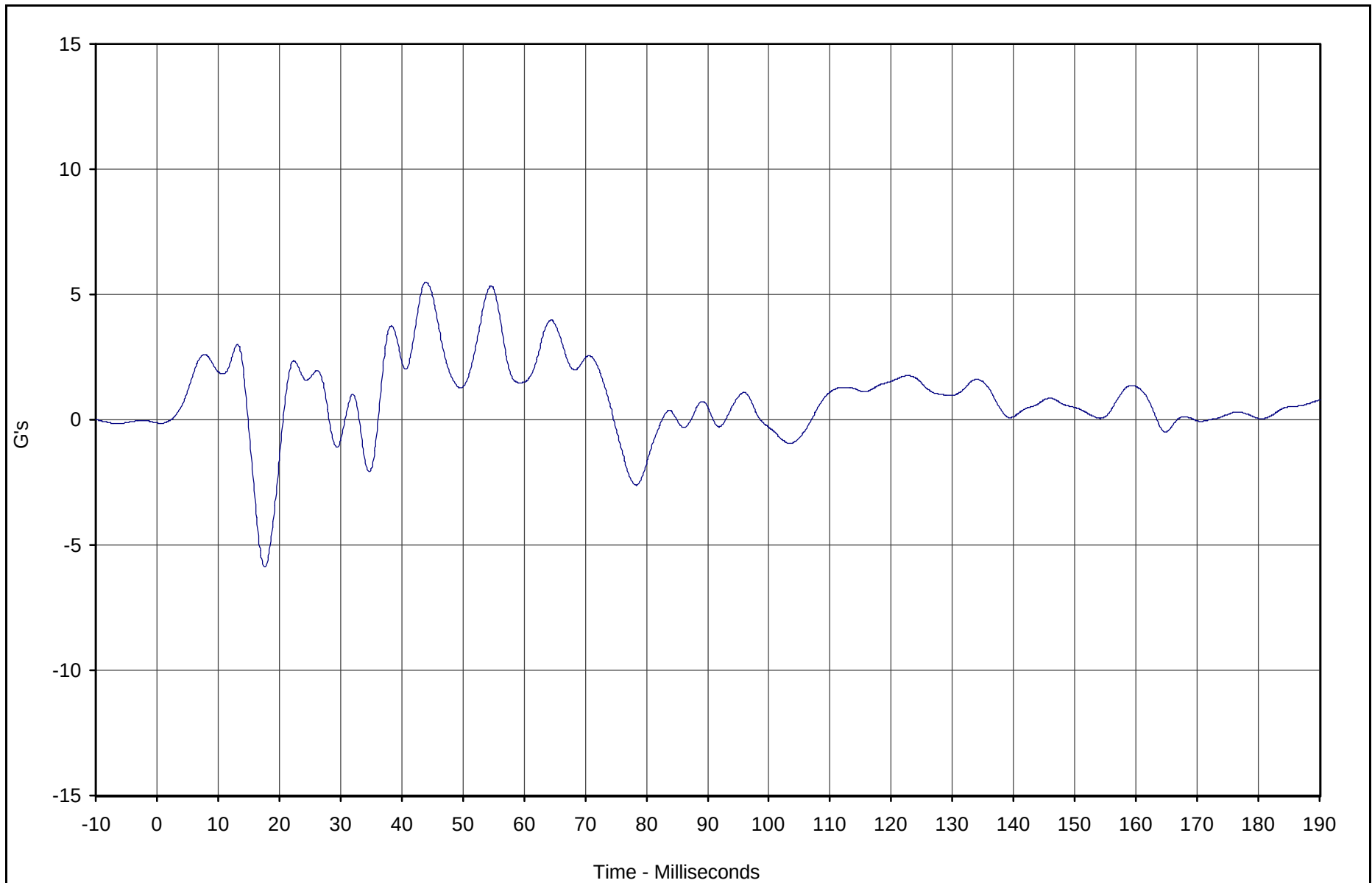


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle Z	053	FIL	G's	5.5	44.0	-5.9	17.6	60

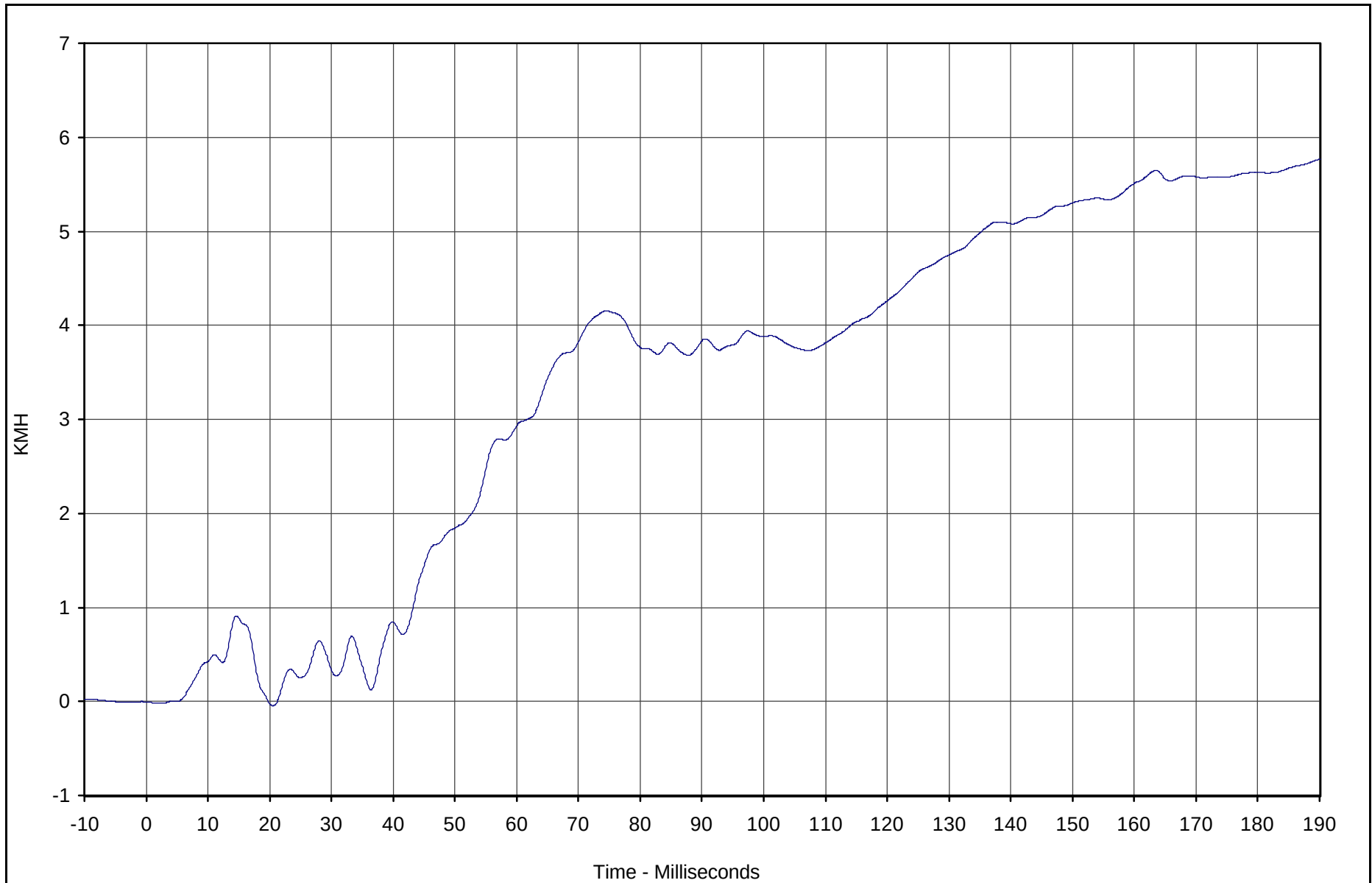


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle Z Velocity	053	IN1	KMH	5.8	189.9	0.0	20.5	180

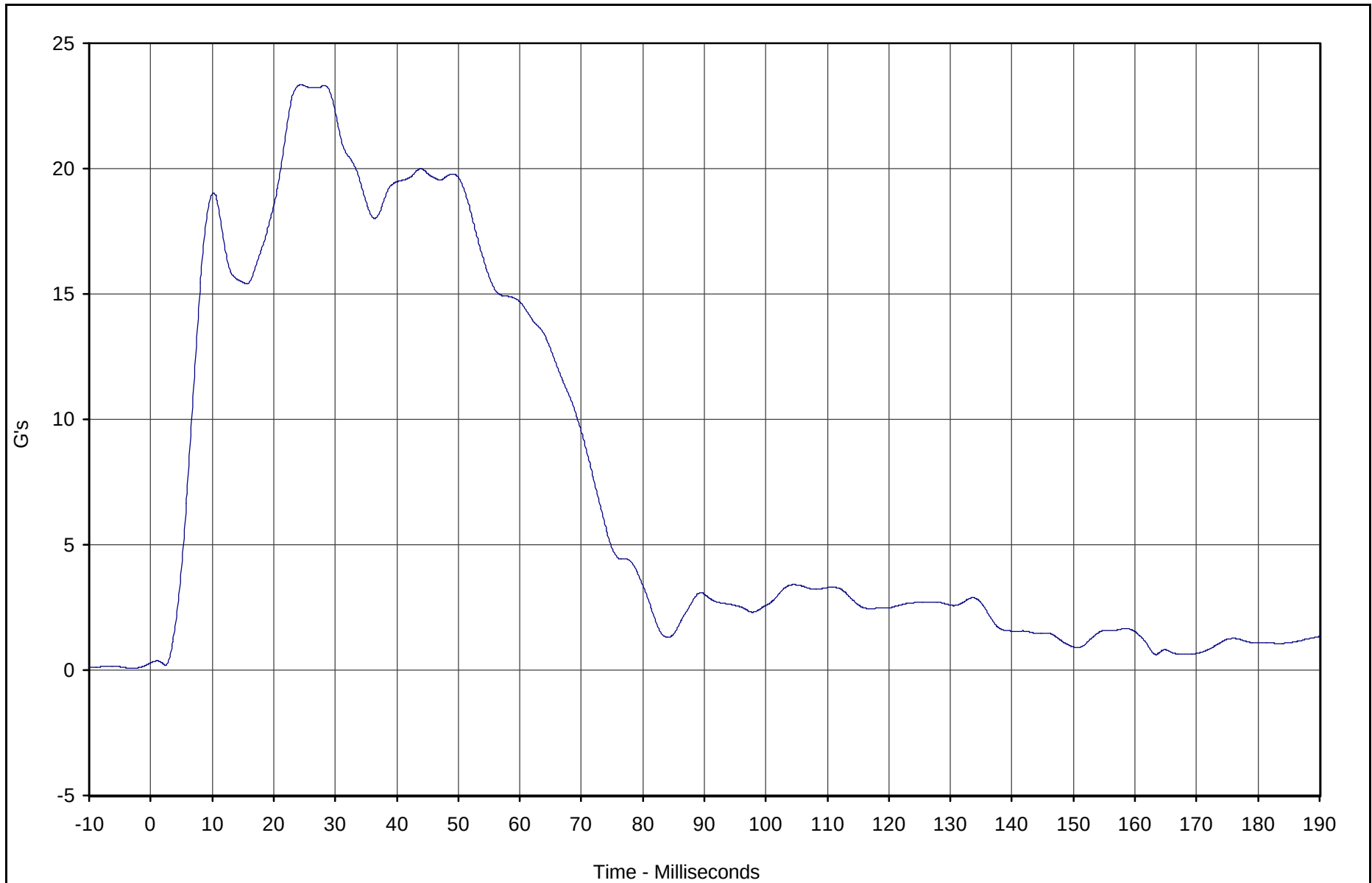


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Floor Above Axle Resultant	051	RES	G's	23.3	24.4	0.2	2.4	60

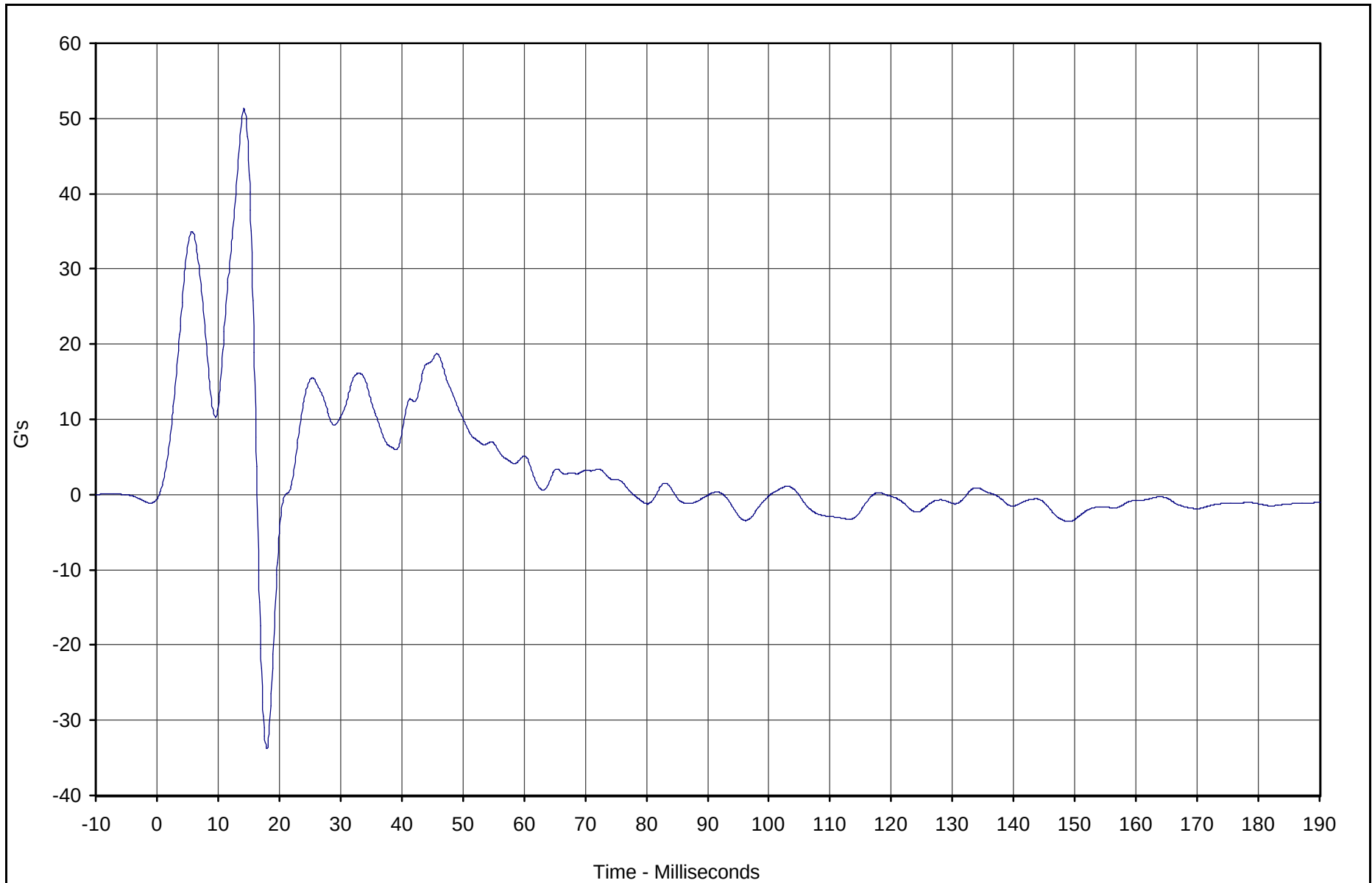


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Sill Rear Seat Y	054	FIL	G's	51.3	14.2	-33.7	17.9	60

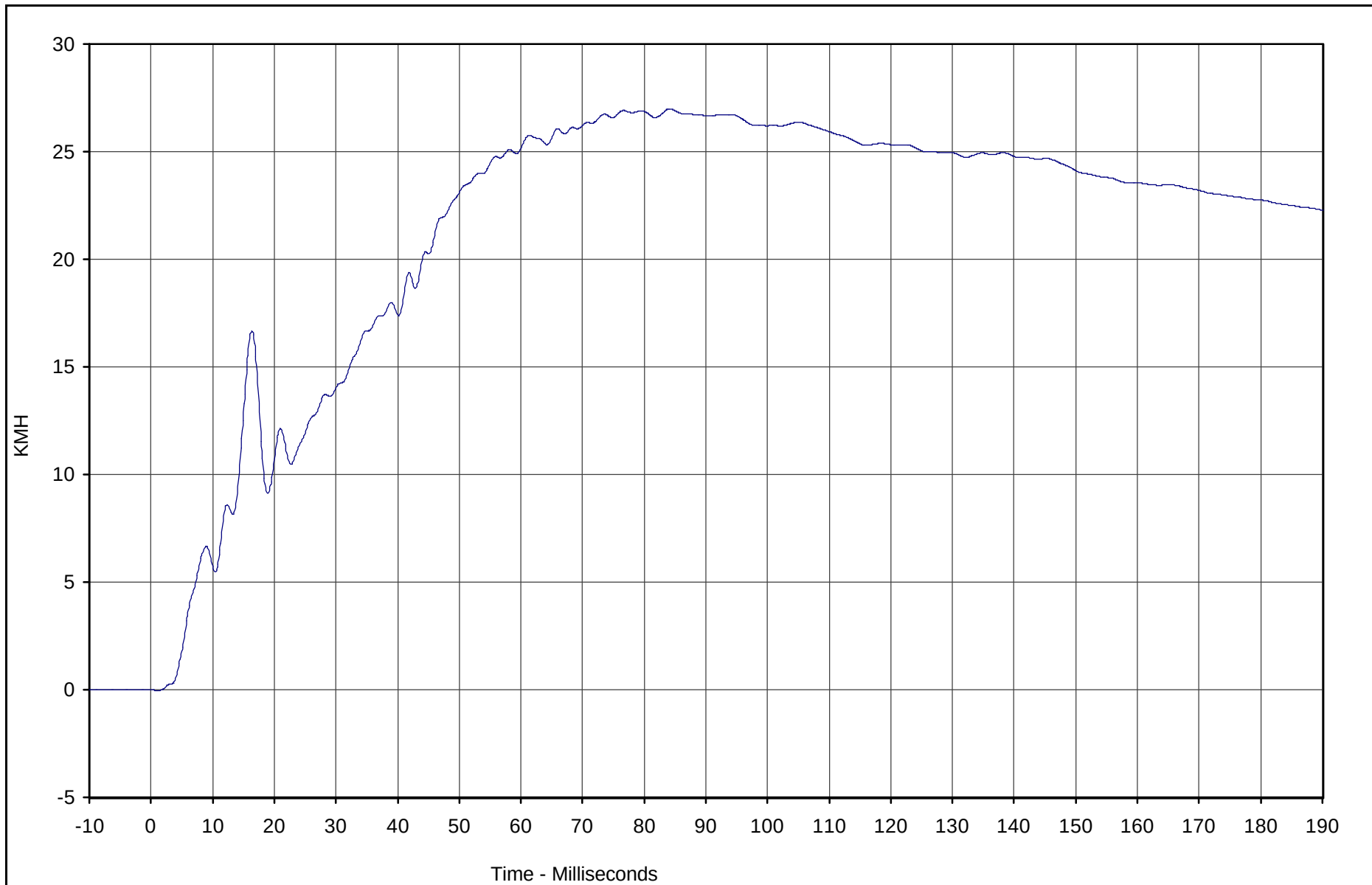


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Sill Rear Door Y Velocity	054	IN1	KMH	27.0	84.1	0.0	1.1	180

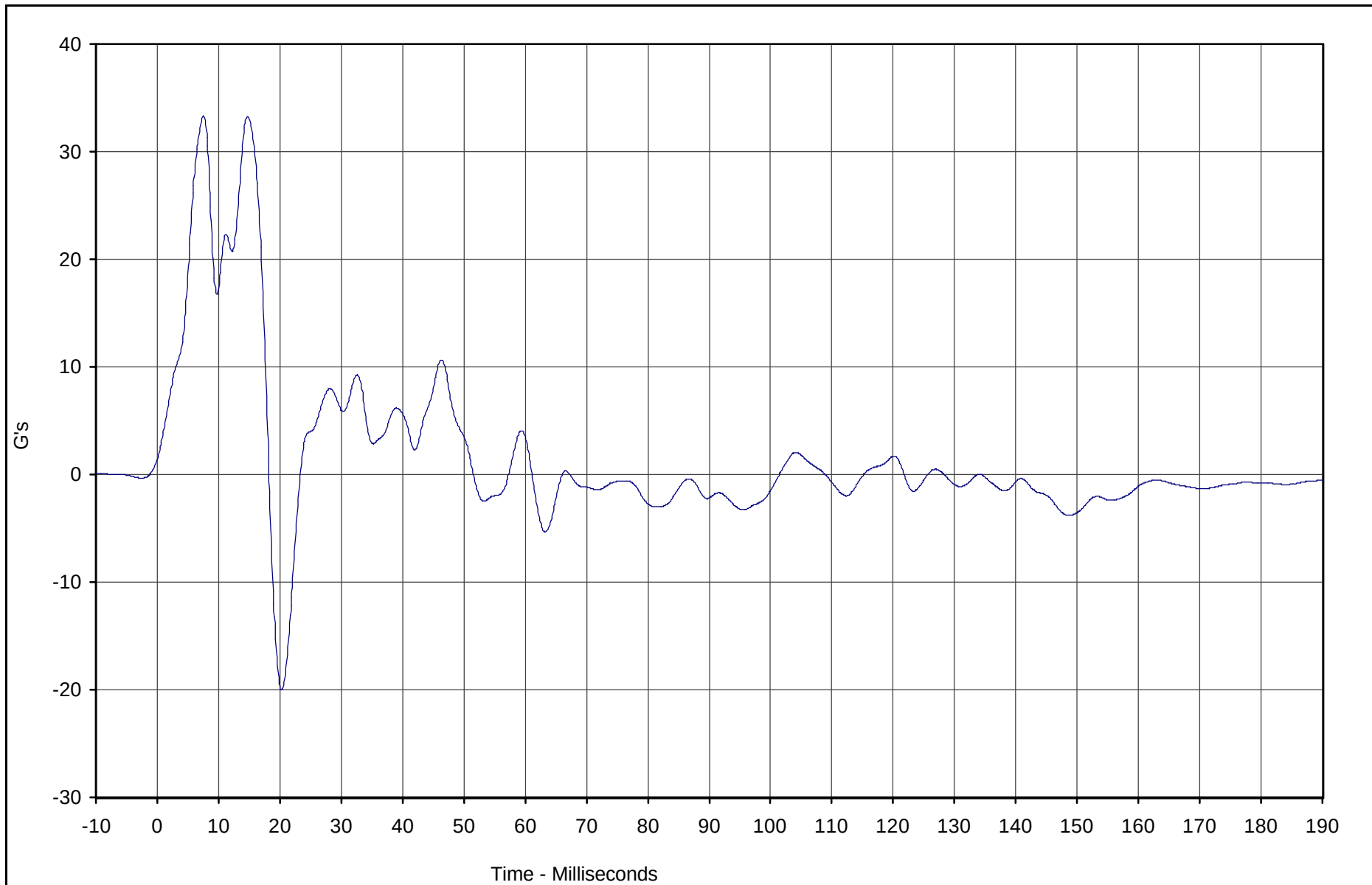


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Sill Front Seat Y	055	FIL	G's	33.3	7.5	-20.0	20.3	60

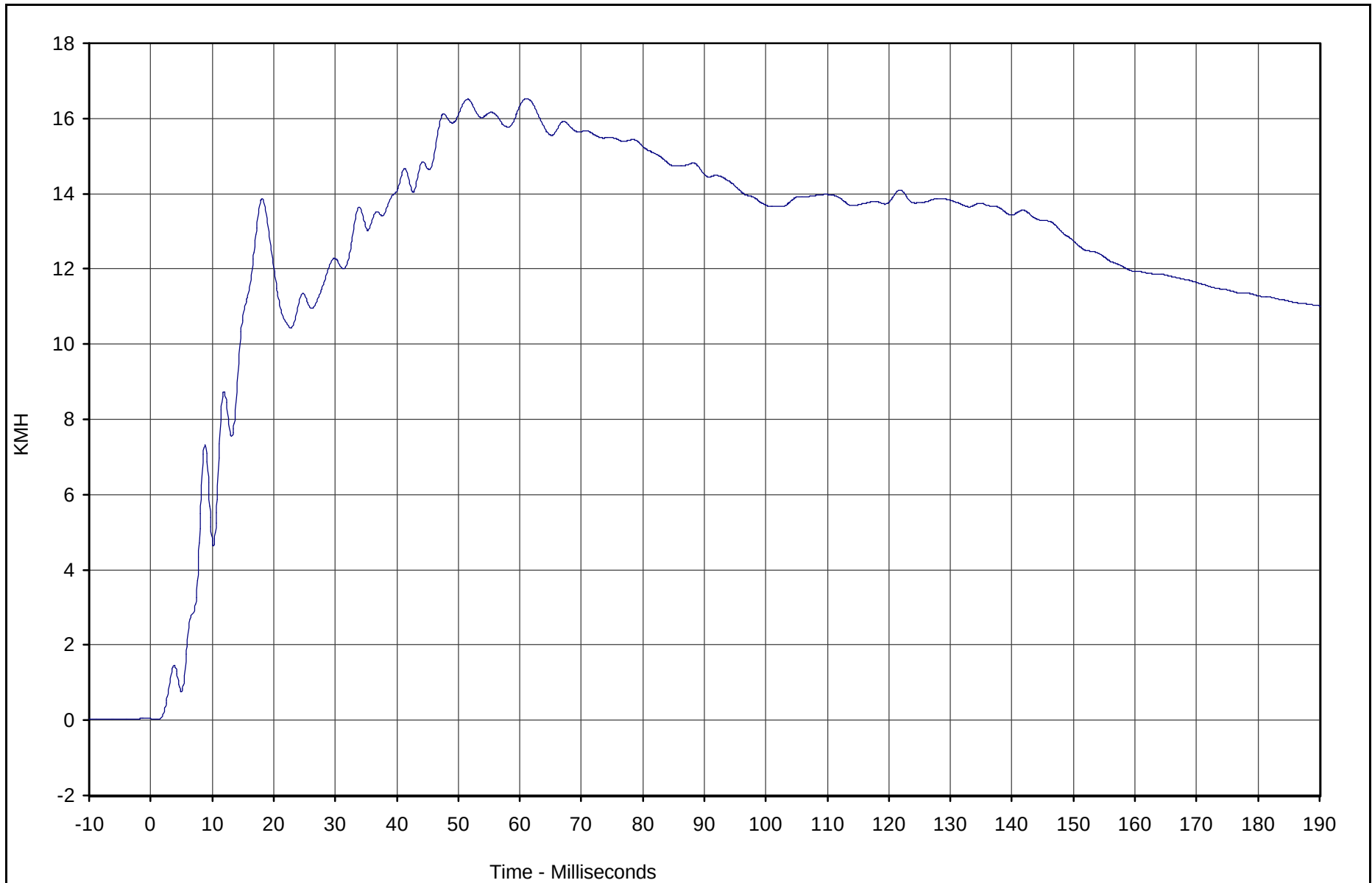


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Sill Front Door Y Velocity	055	IN1	KMH	16.5	61.1	0.0	1.1	180

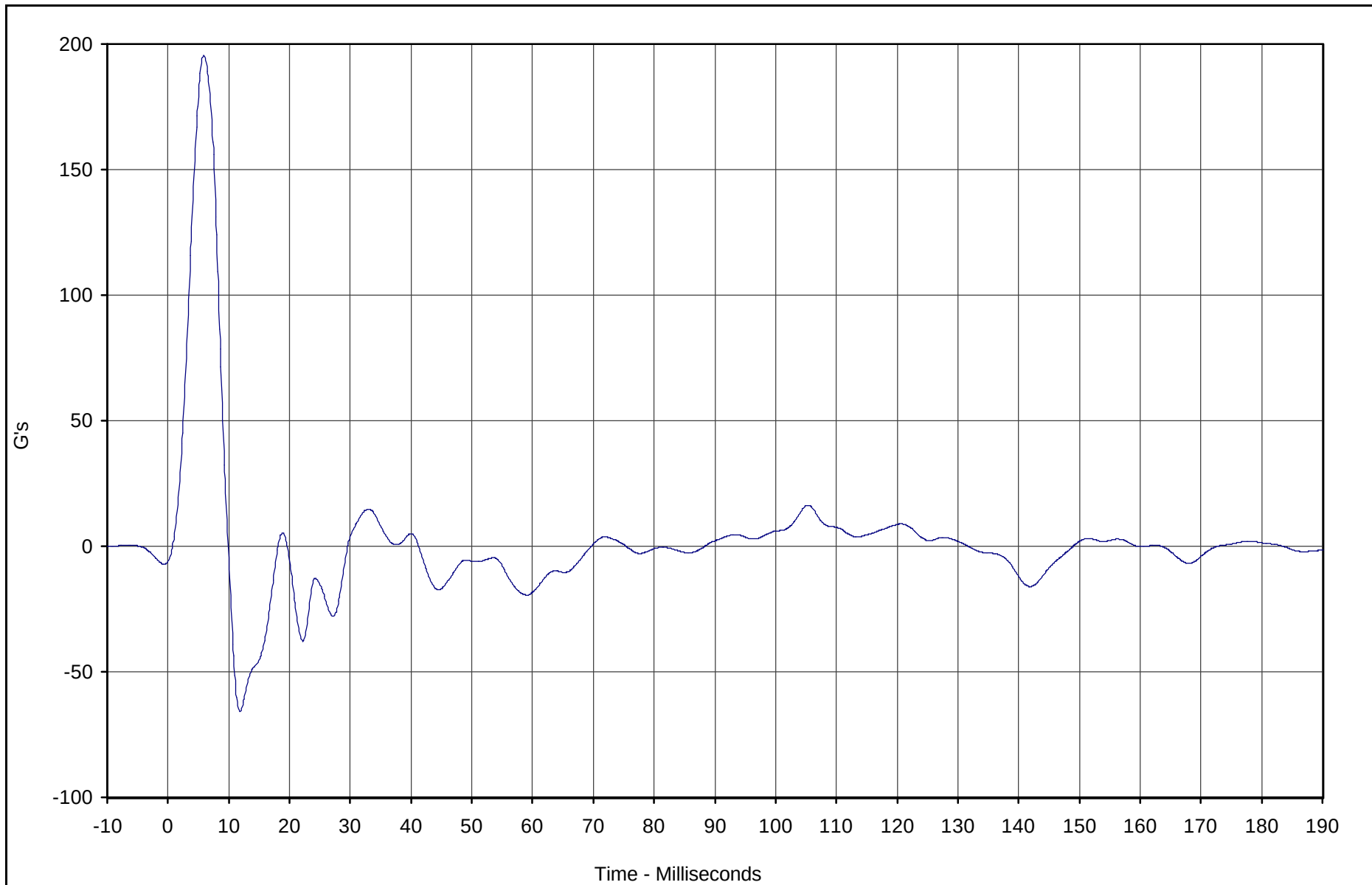


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Door CL Y	056	FIL	G's	195.4	5.9	-65.7	11.8	60

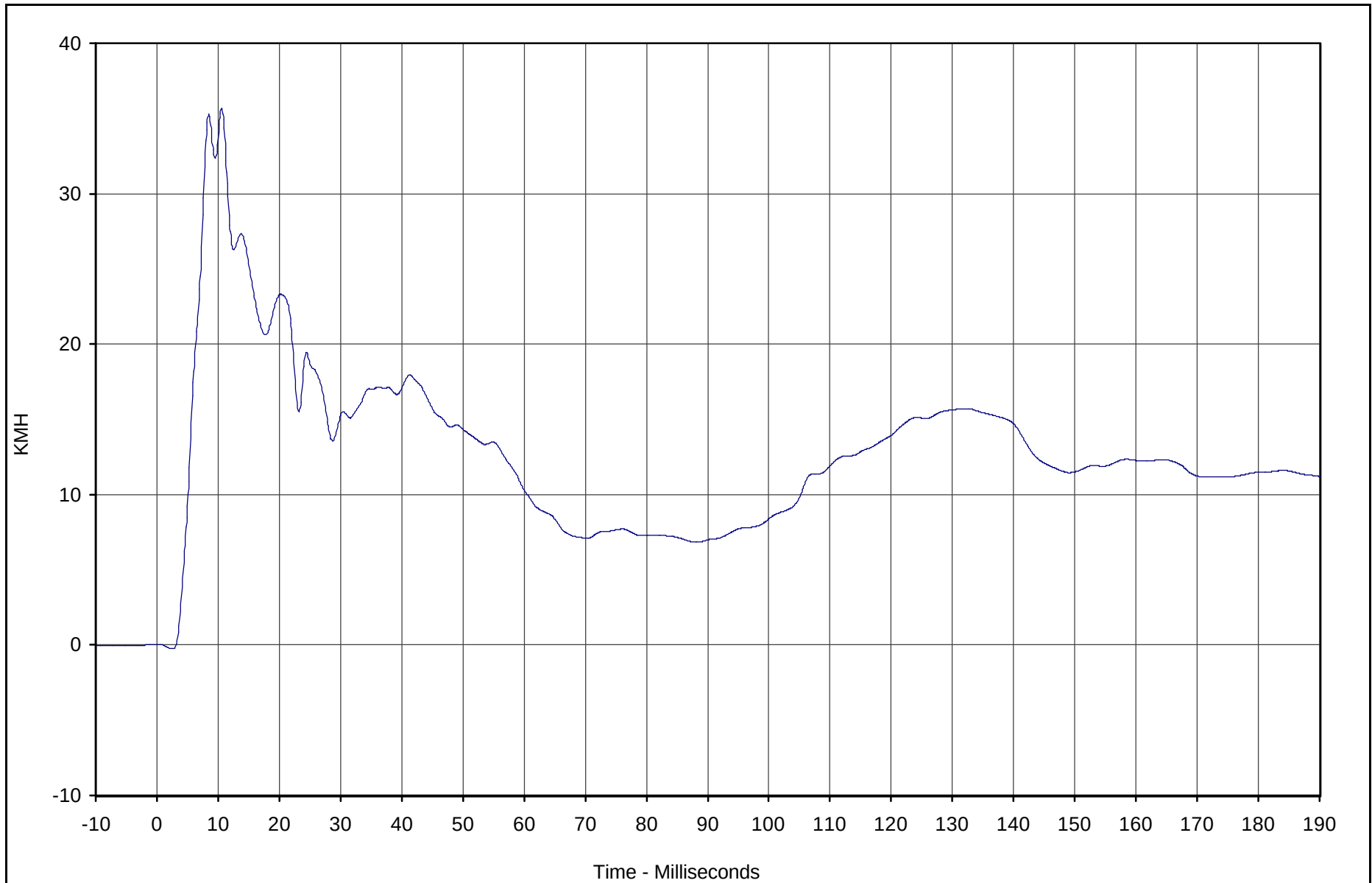


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Door CL Y Velocity	056	IN1	KMH	35.7	10.6	-0.2	2.7	180

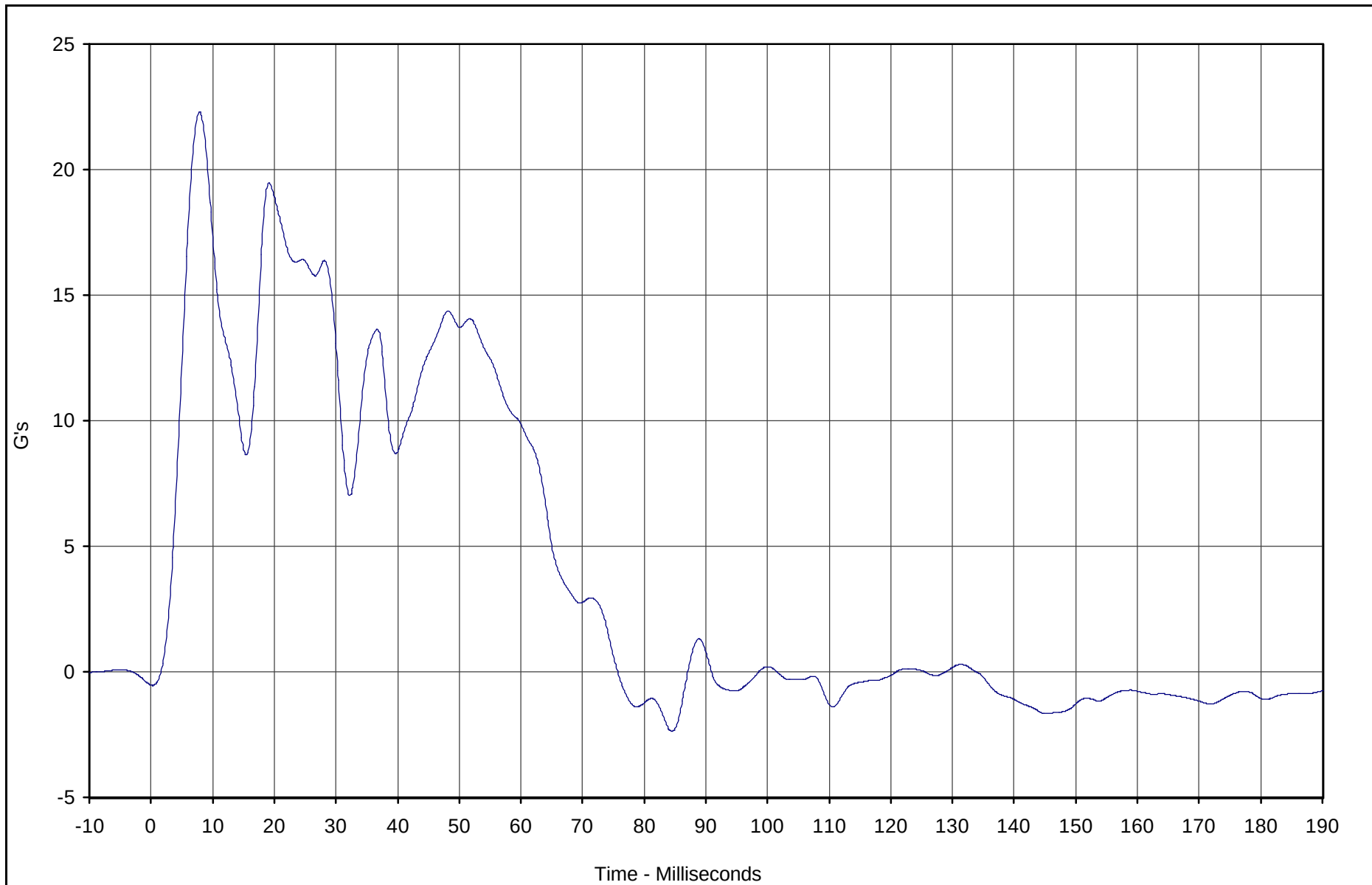


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Rear Occ. Comp. Y	057	FIL	G's	22.3	7.9	-2.4	84.5	60

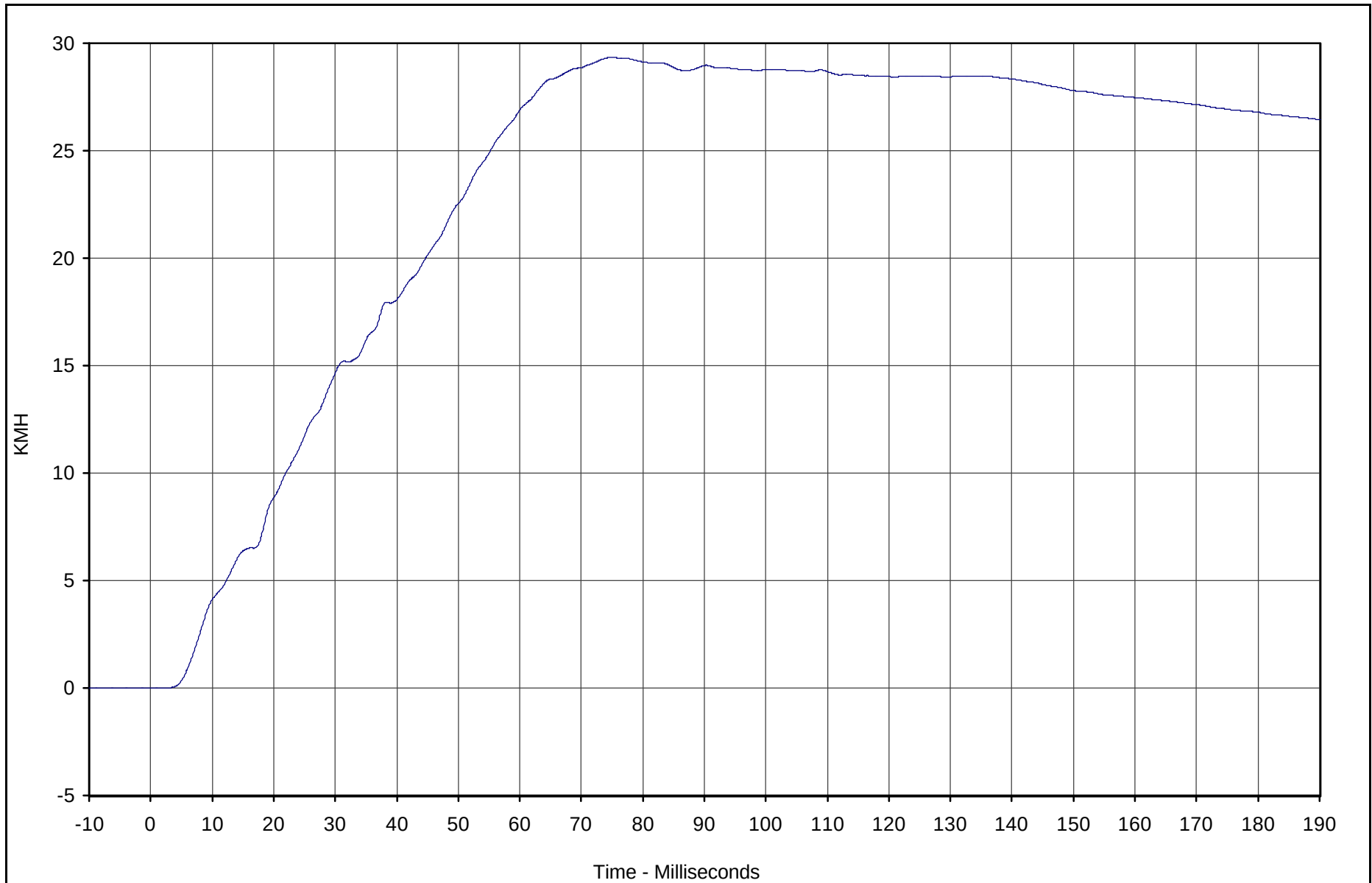


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Right Rear Occ. Comp. Y Velocity	057	IN1	KMH	29.3	74.9	0.0	0.0	180

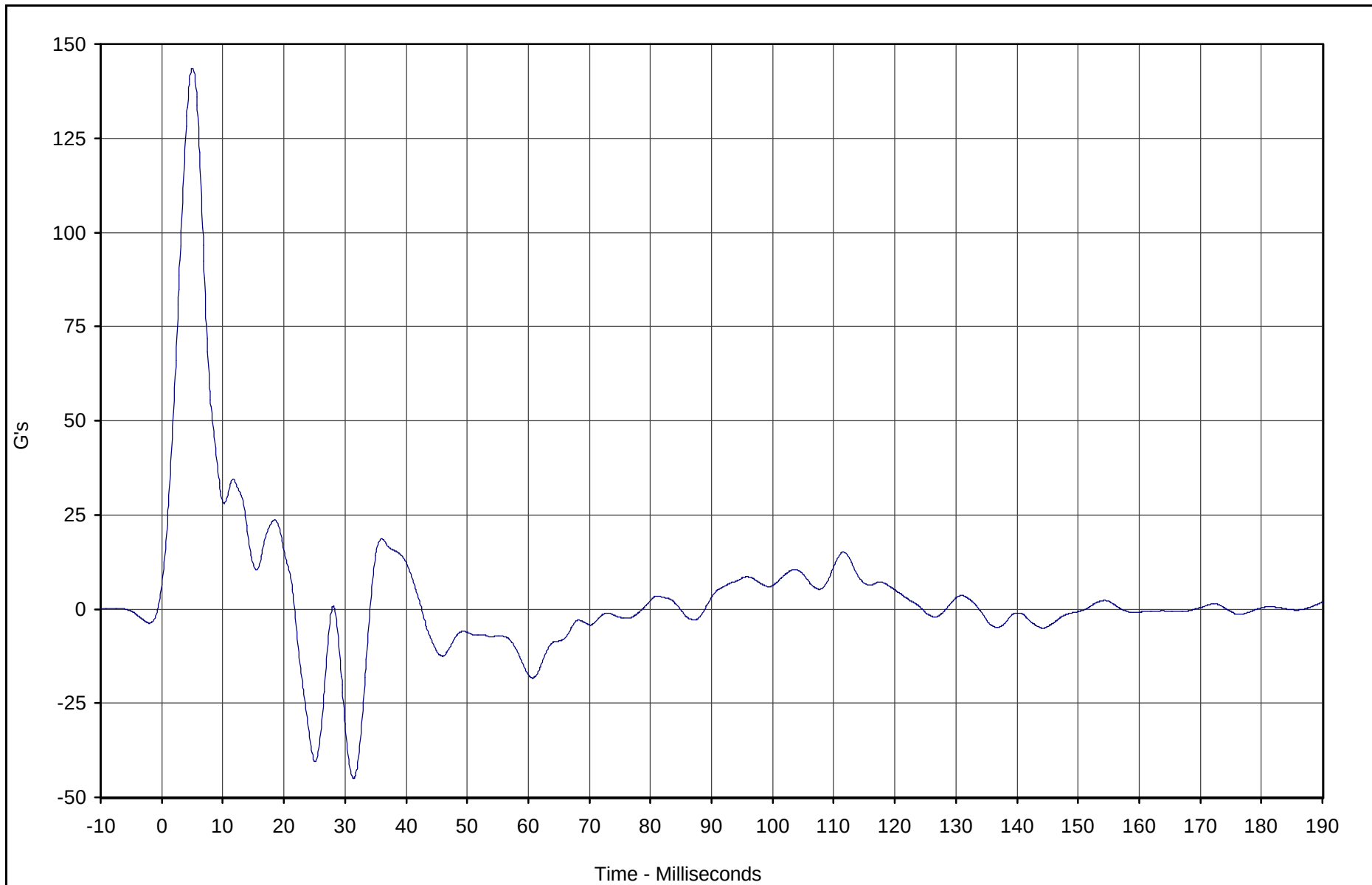


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Door Mid Rear Y	058	FIL	G's	143.6	5.0	-44.9	31.4	60

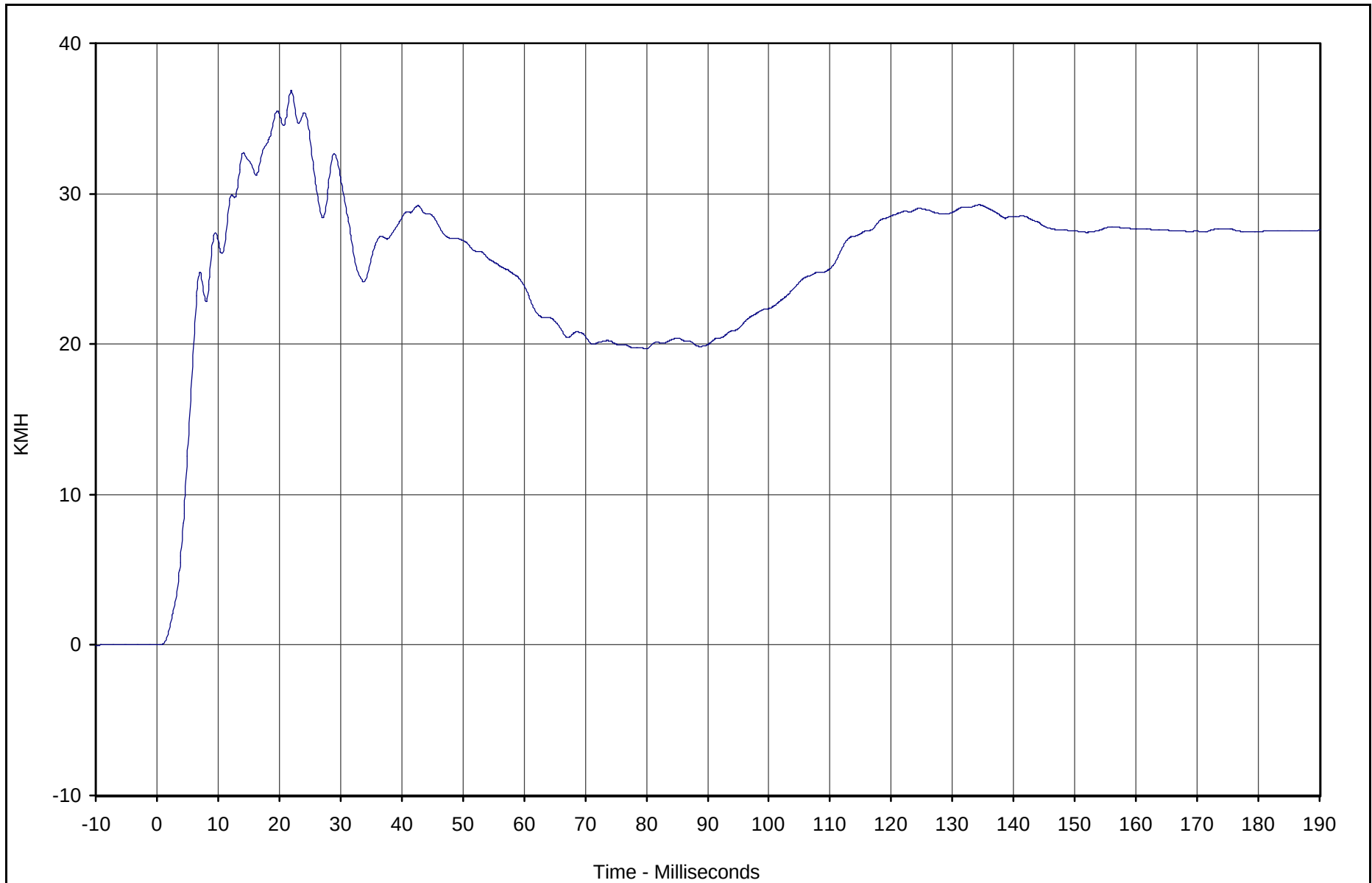


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Door Mid Rear Y Vel.	058	IN1	KMH	36.9	22.0	0.0	0.6	180

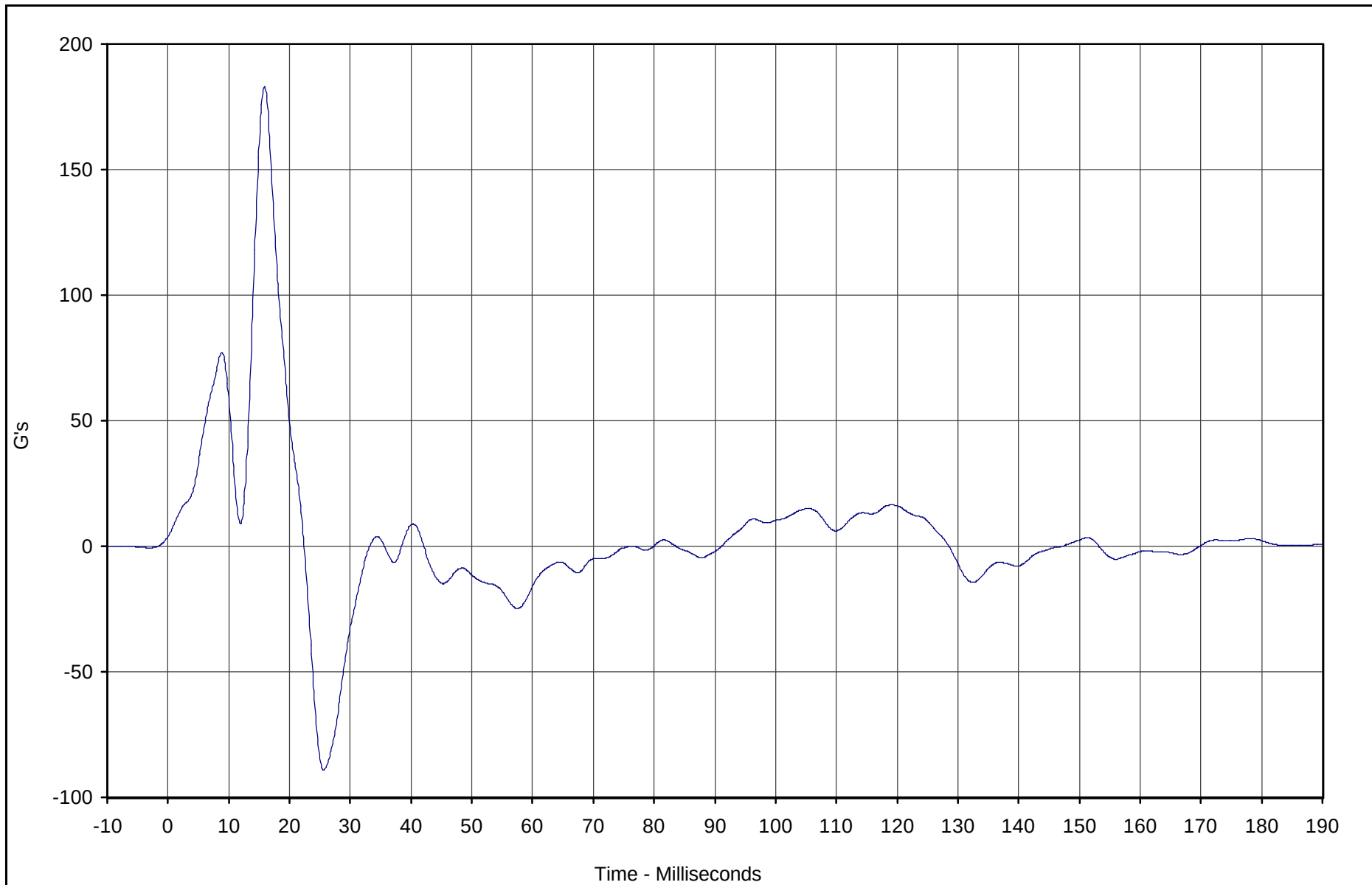


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Door Upper CL Y	059	FIL	G's	182.9	15.9	-89.1	25.6	60

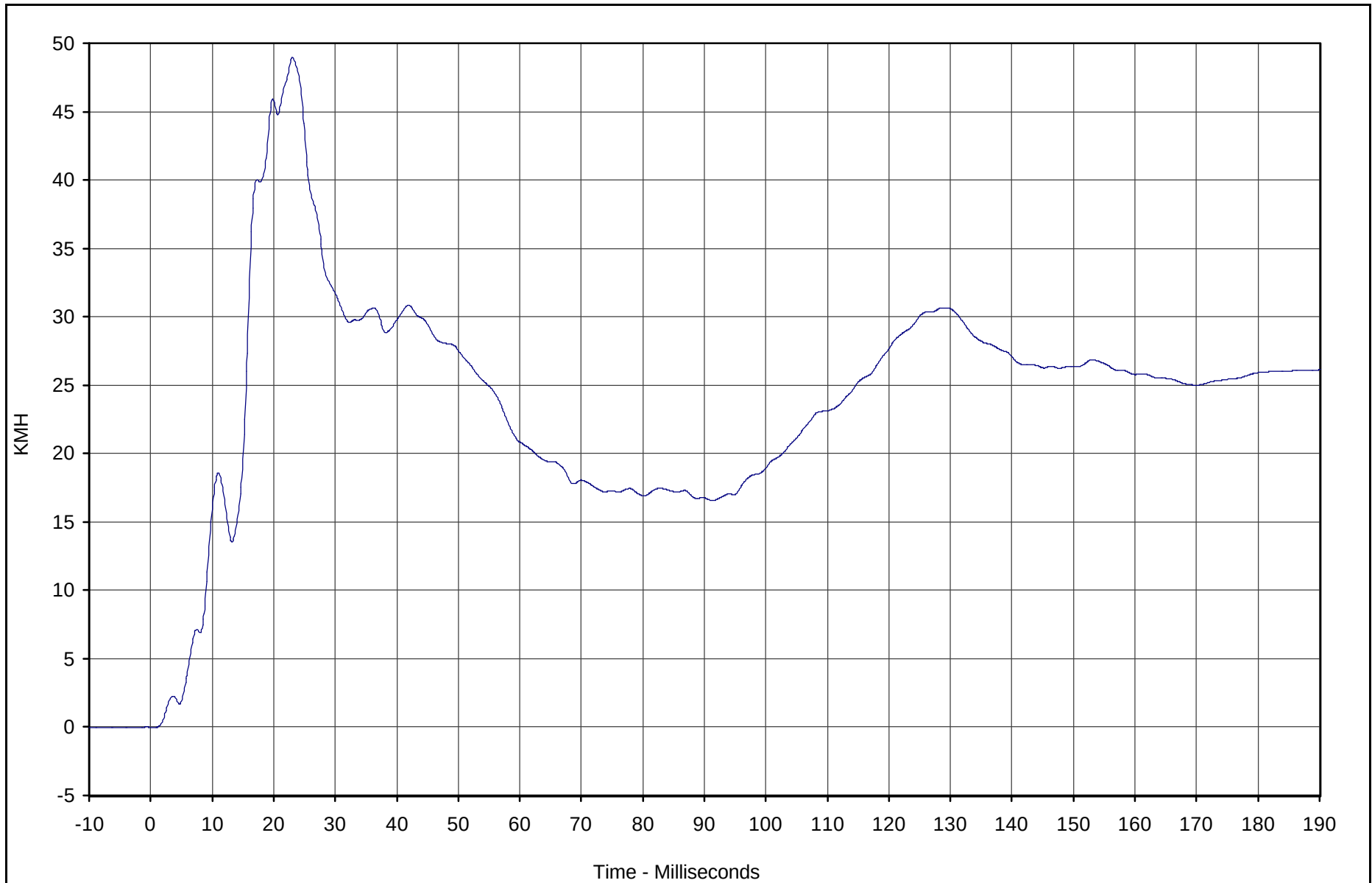


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Door Upper CL Y Vel.	059	IN1	KMH	49.0	23.1	0.0	0.7	180

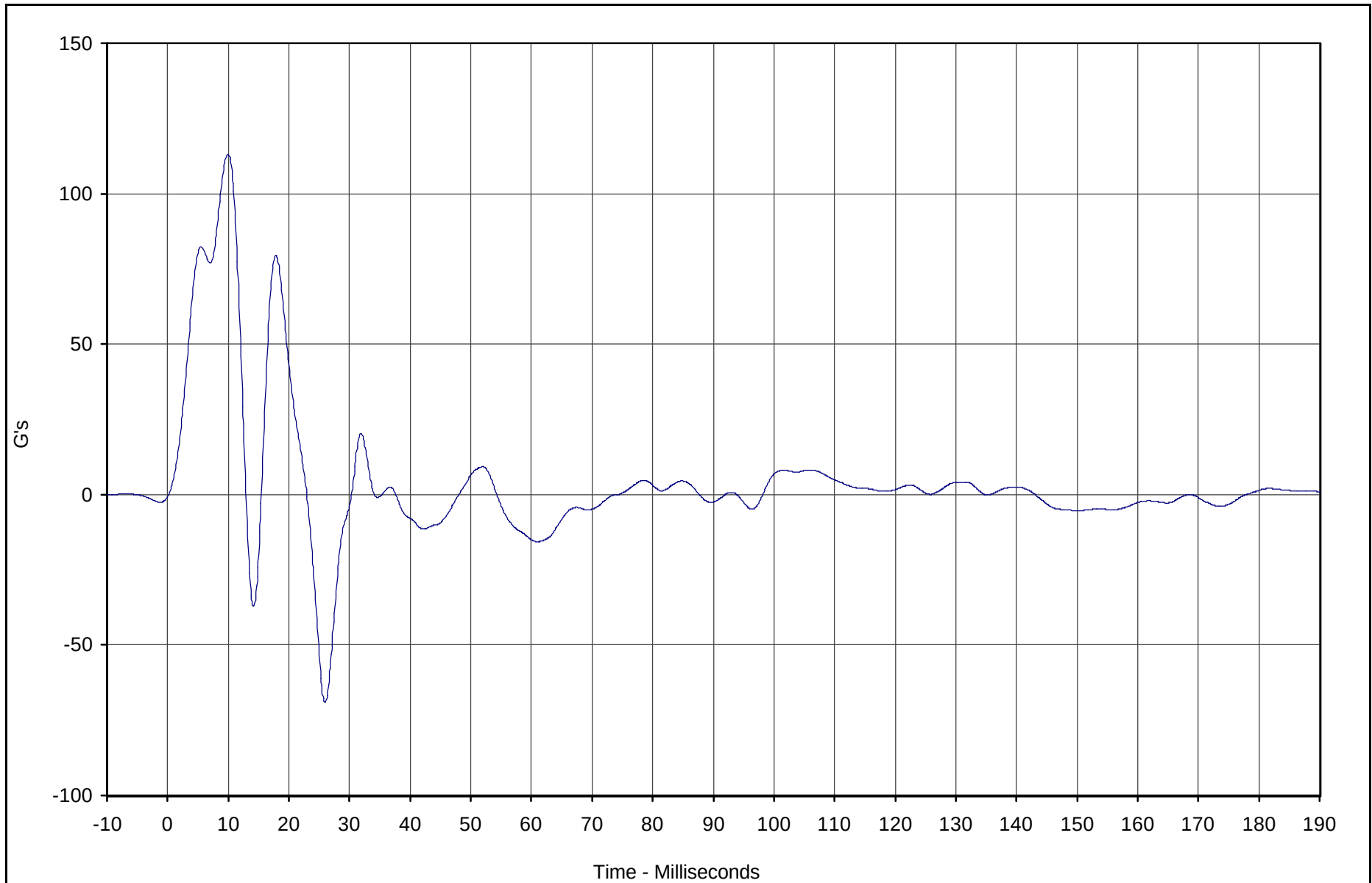


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Rear Door Mid Rear Y	060	FIL	G's	113.0	9.9	-69.0	26.0	60

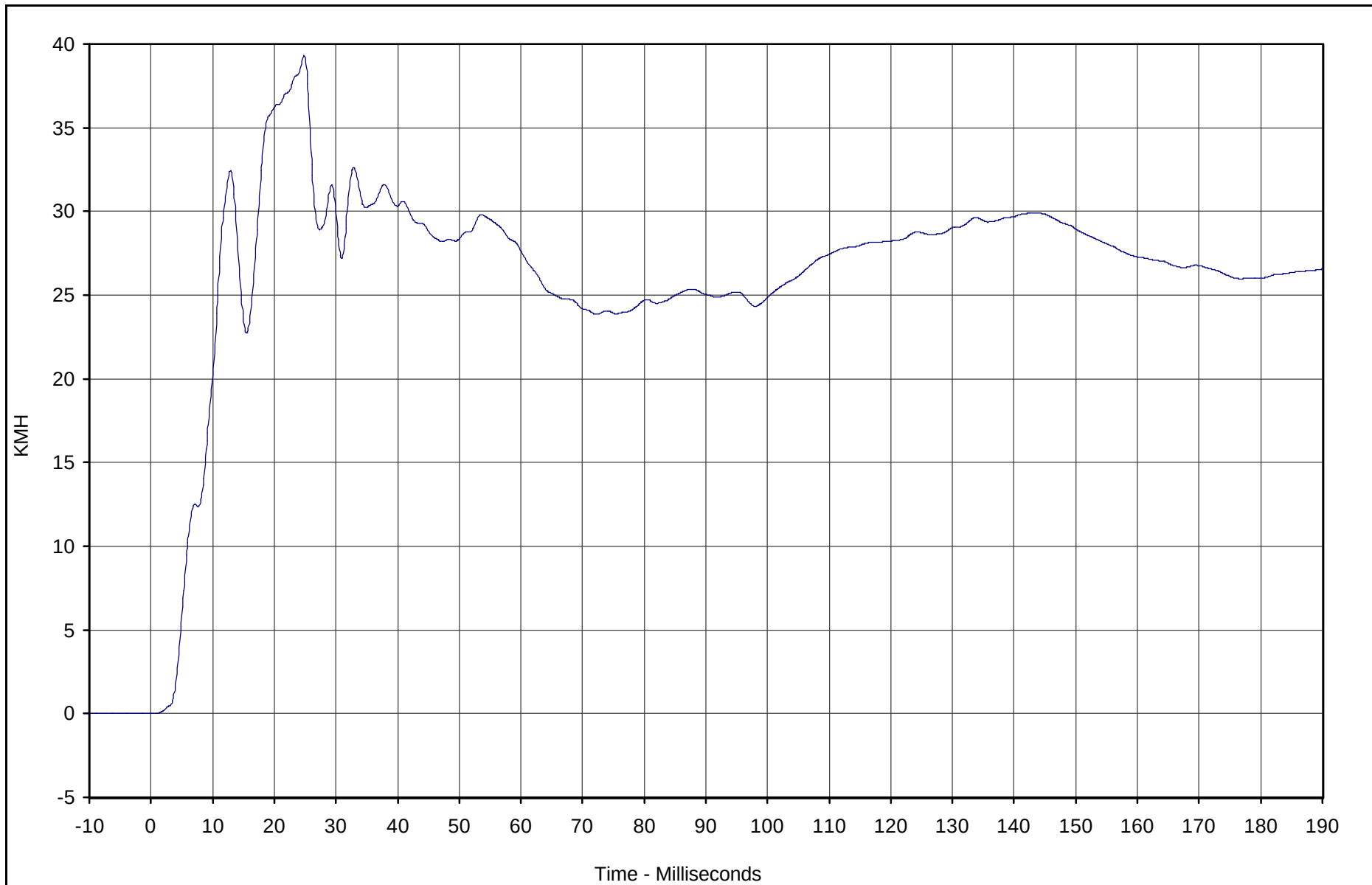


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Rear Door Mid Rear Y Vel.	060	IN1	KMH	39.3	24.8	0.0	0.0	180

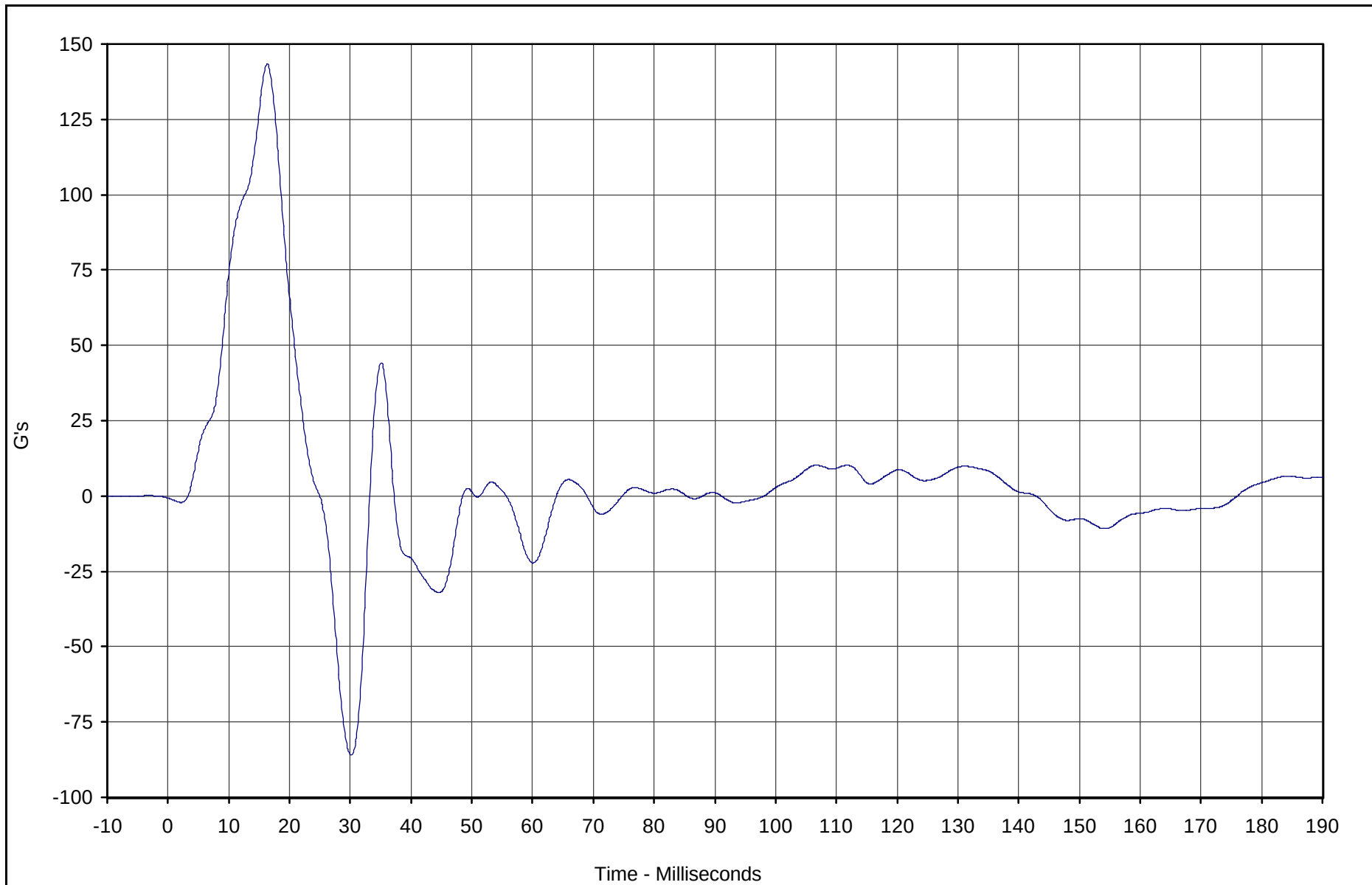


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Rear Door Upper CL Y	061	FIL	G's	143.5	16.3	-85.9	30.2	60

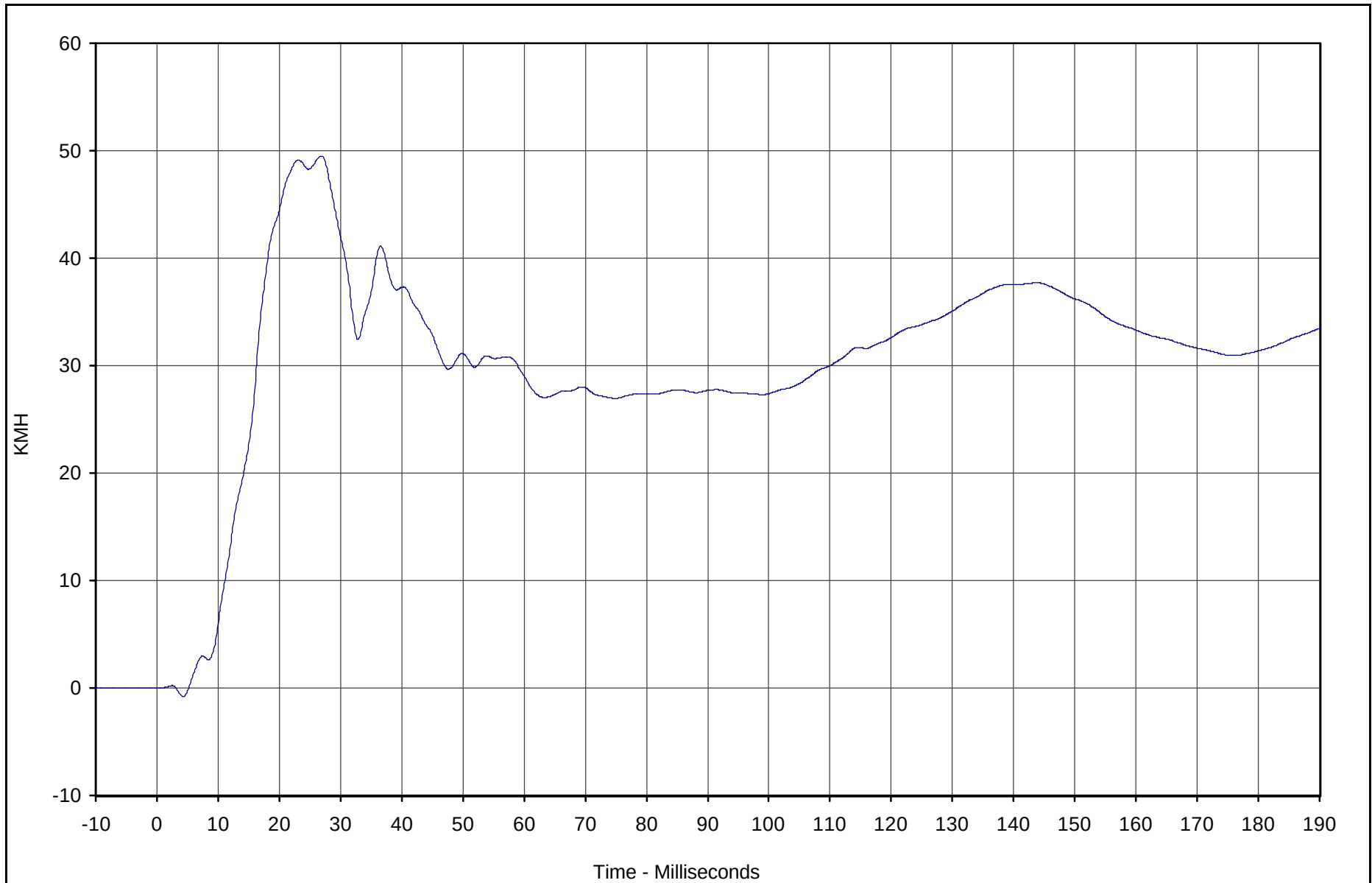


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Rear Door Upper CL Y Vel.	061	IN1	KMH	49.5	26.9	-0.8	4.3	180

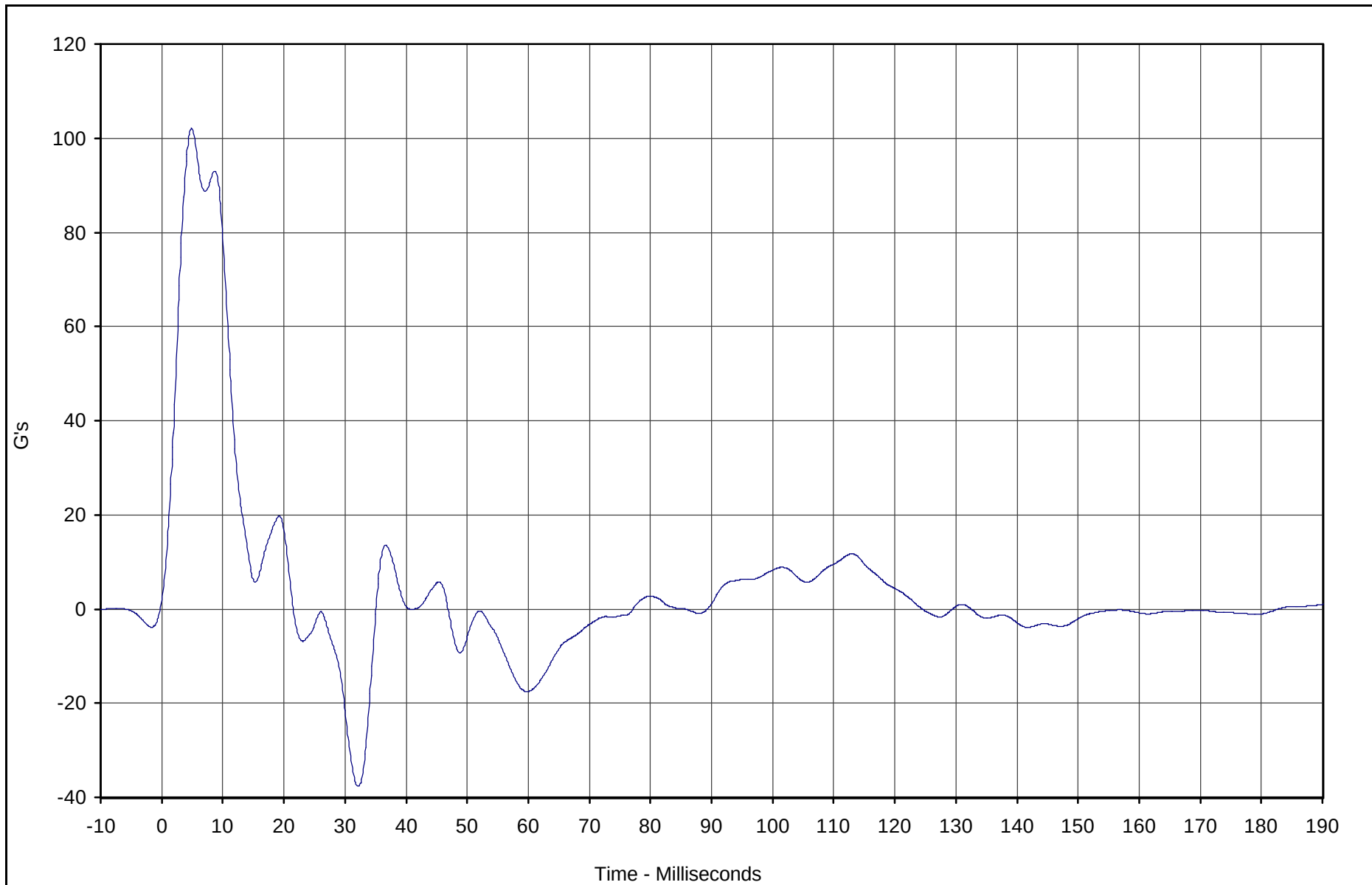


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
B-Post Lower Y	062	FIL	G's	102.1	4.9	-37.6	32.2	60

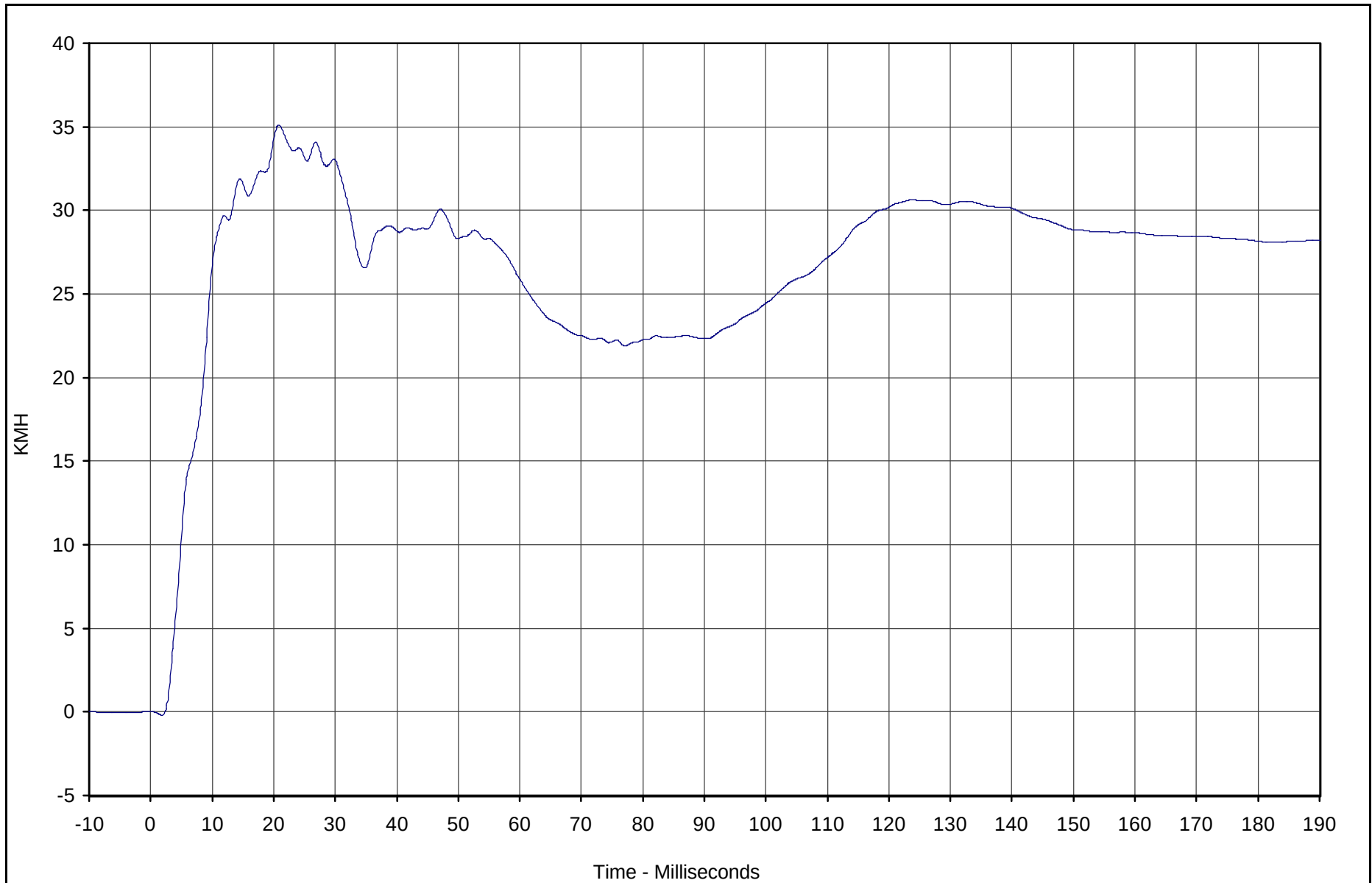


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
B-Post Lower Y Velocity	062	IN1	KMH	35.1	20.8	-0.2	1.8	180

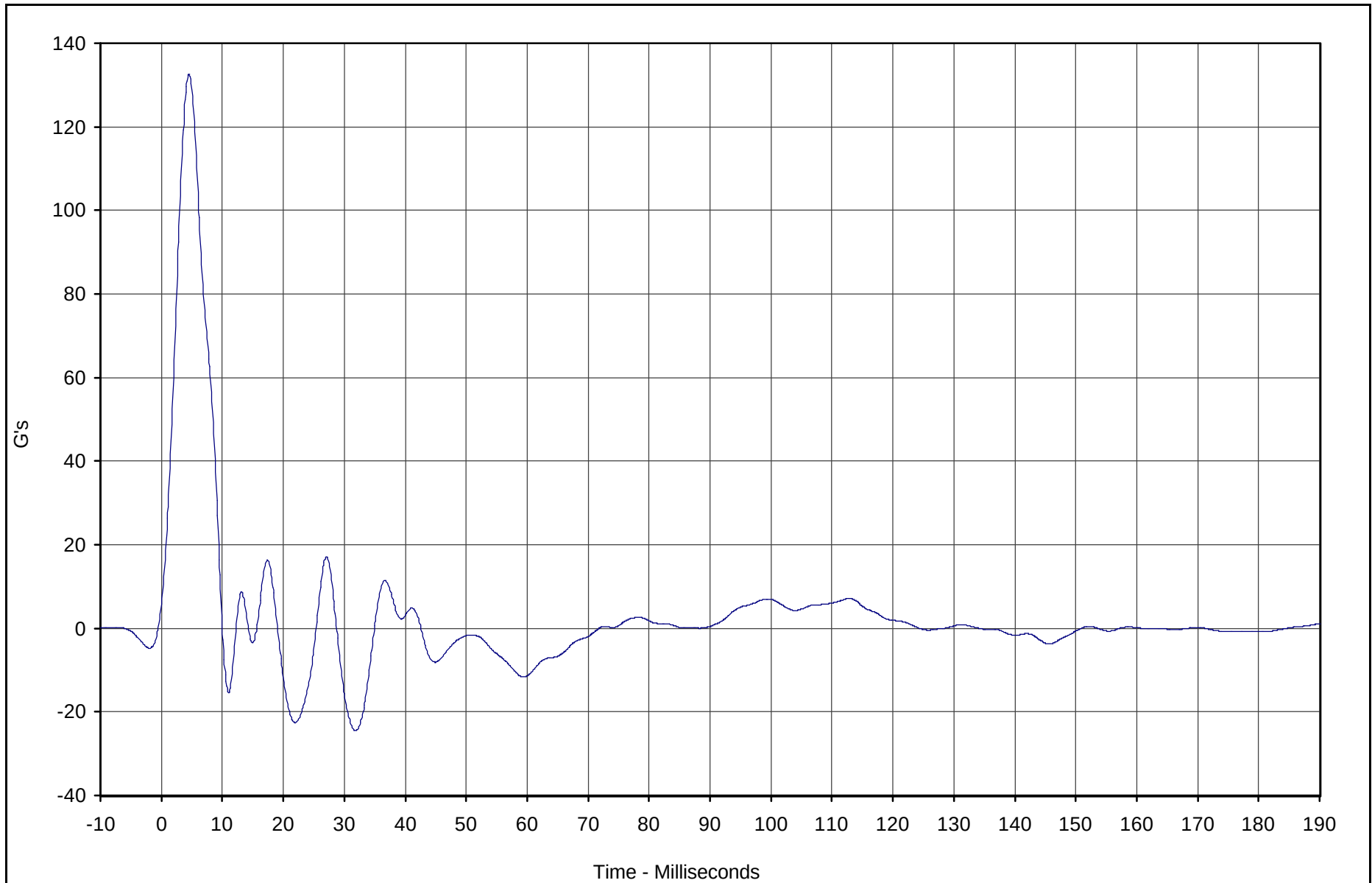


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
B-Post Middle Y	063	FIL	G's	132.6	4.5	-24.5	31.8	60

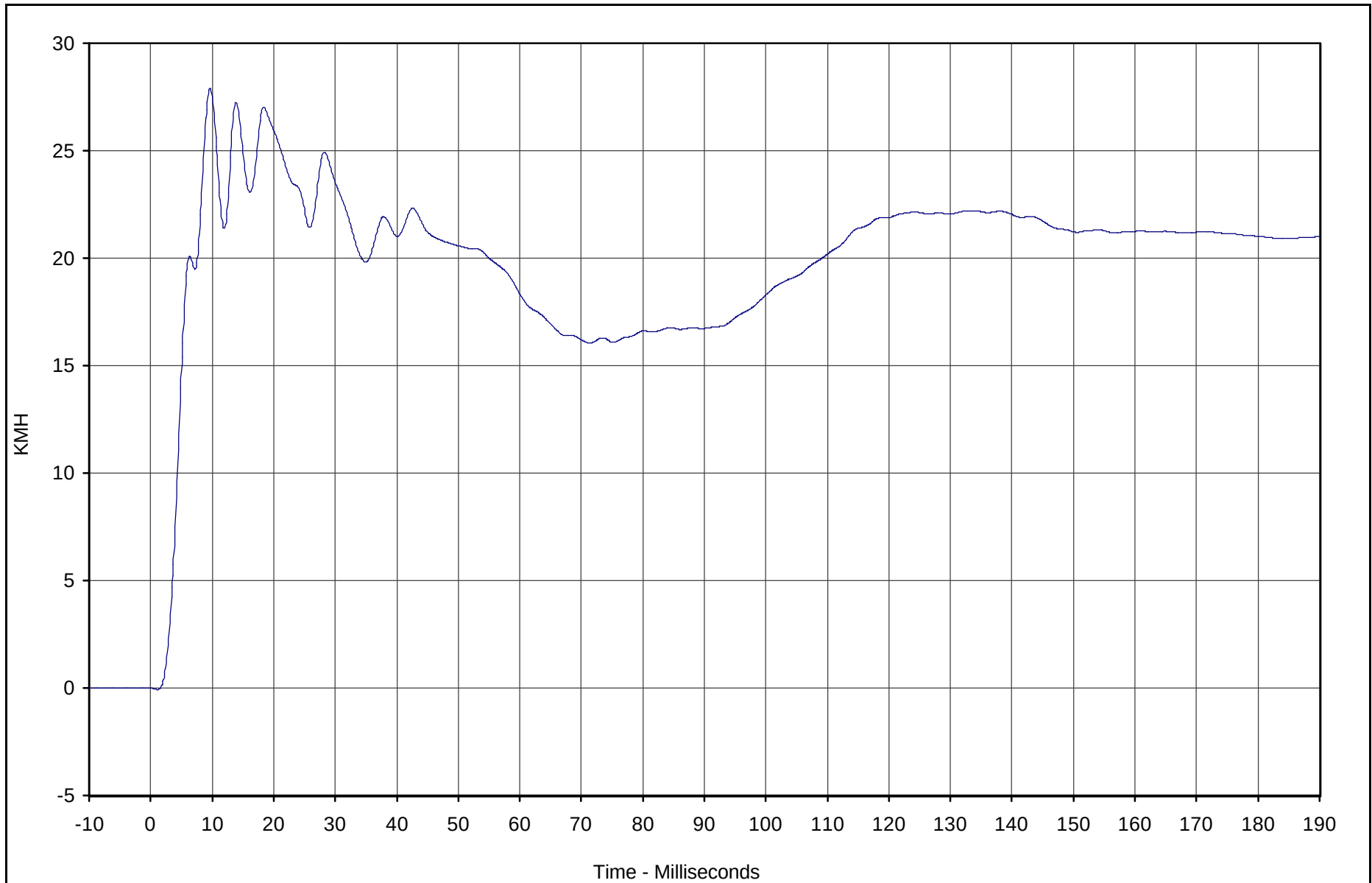


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
B-Post Middle Y Velocity	063	IN1	KMH	27.9	9.6	-0.1	1.1	180

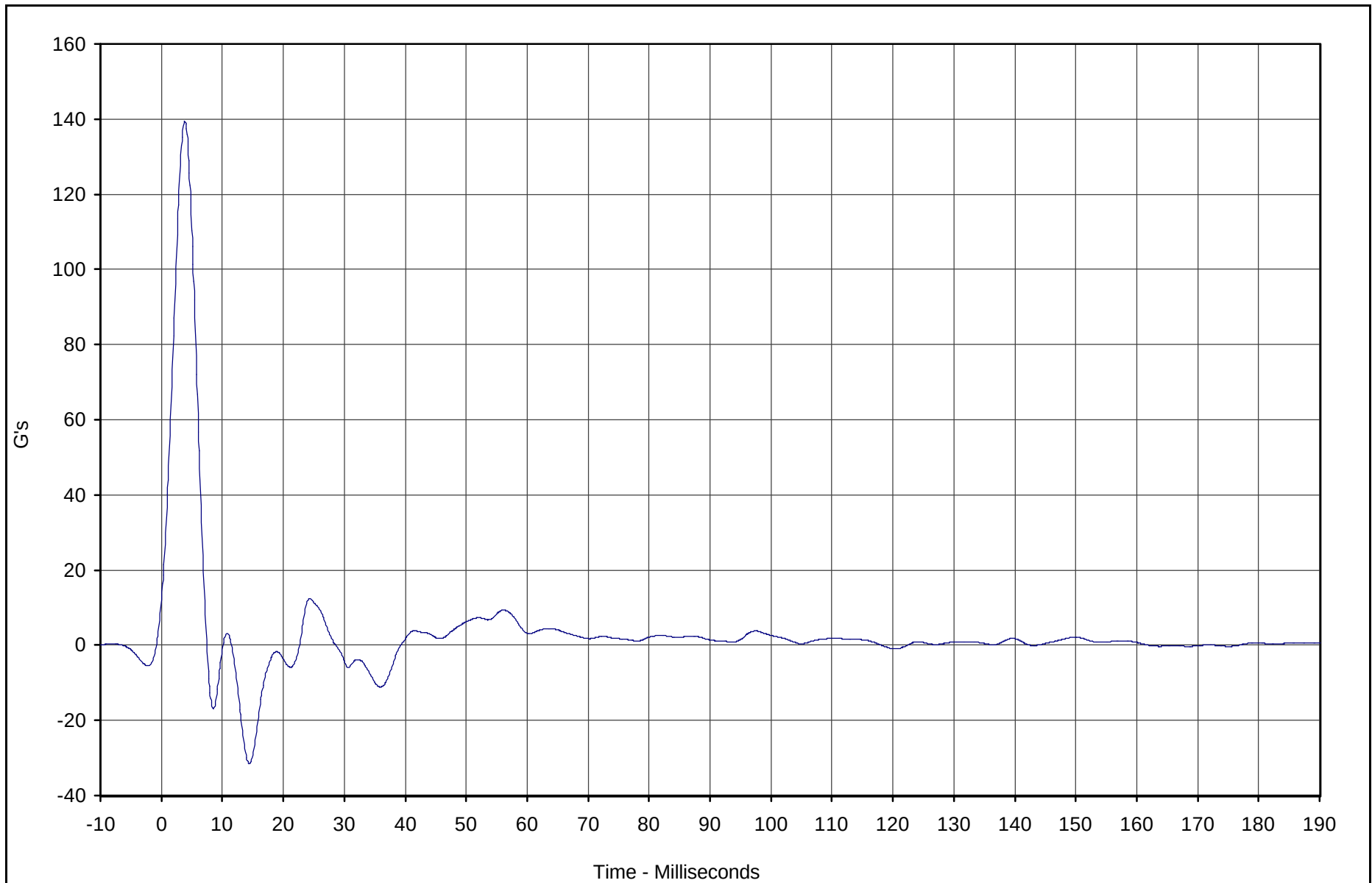


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
A-Post Lower Y	064	FIL	G's	139.4	3.8	-31.5	14.4	60

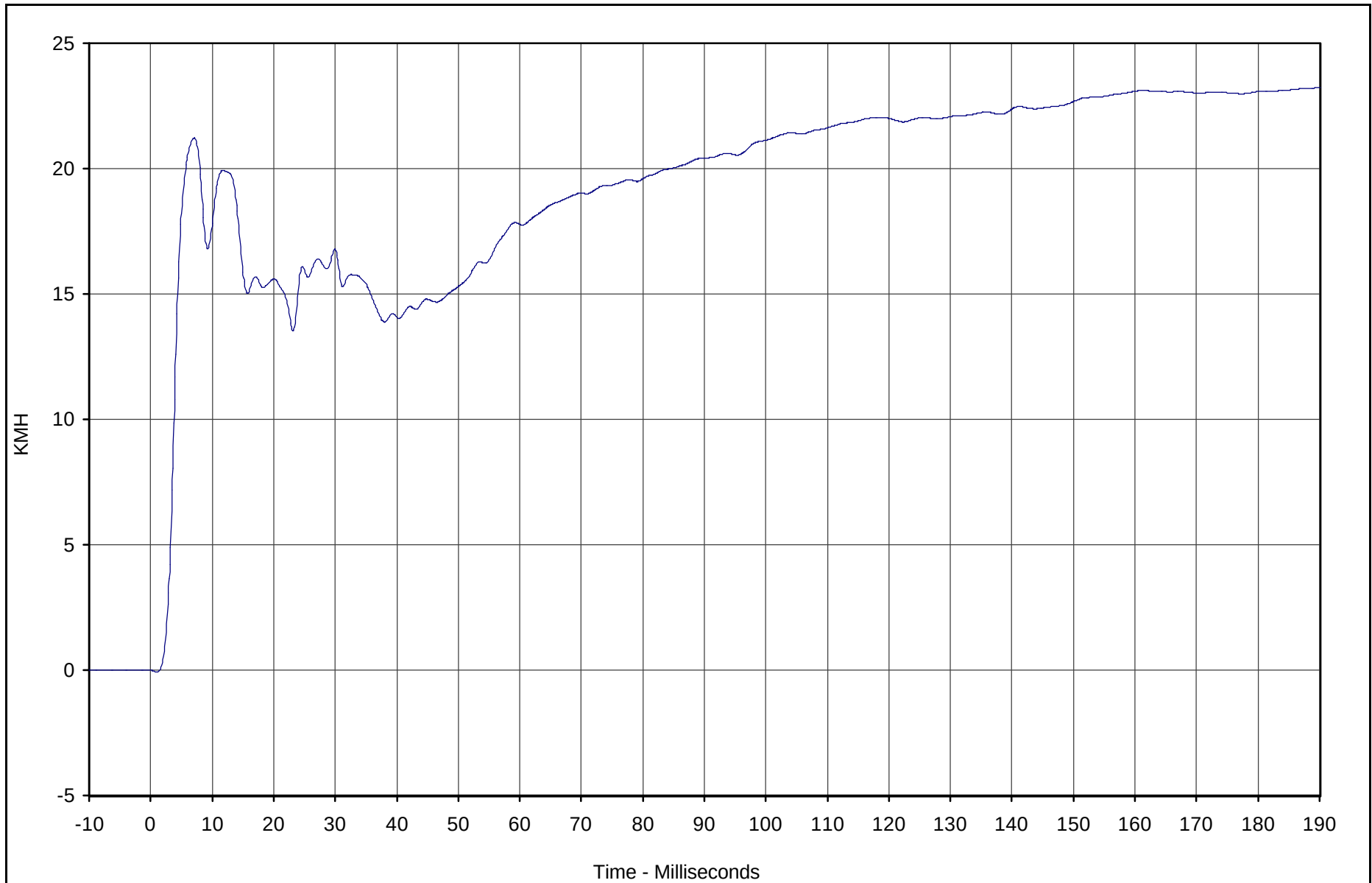


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
A-Post Lower Y Velocity	064	IN1	KMH	23.2	189.9	-0.1	1.0	180

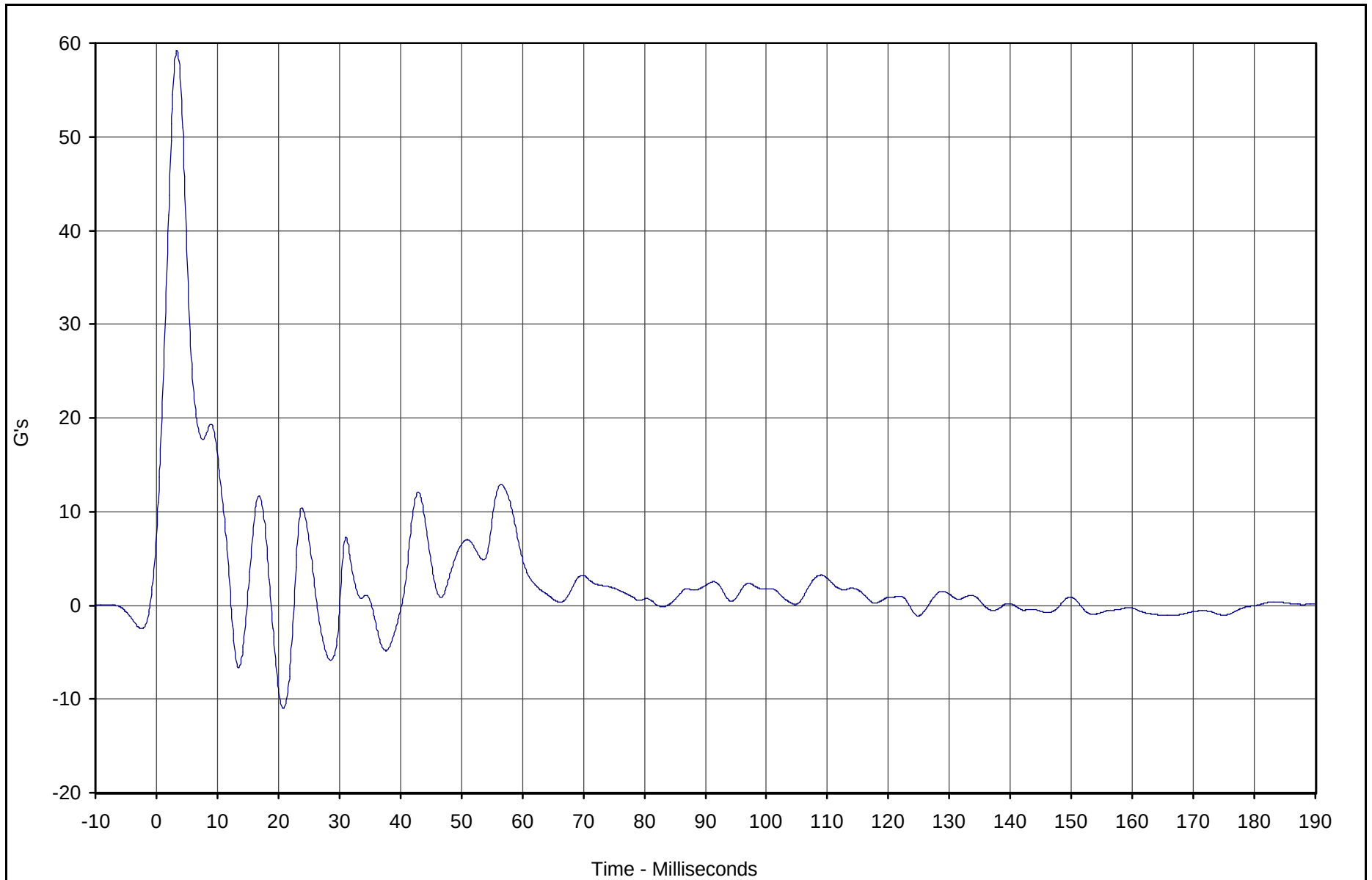


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
A-Post Middle Y	065	FIL	G's	59.2	3.4	-11.0	20.8	60

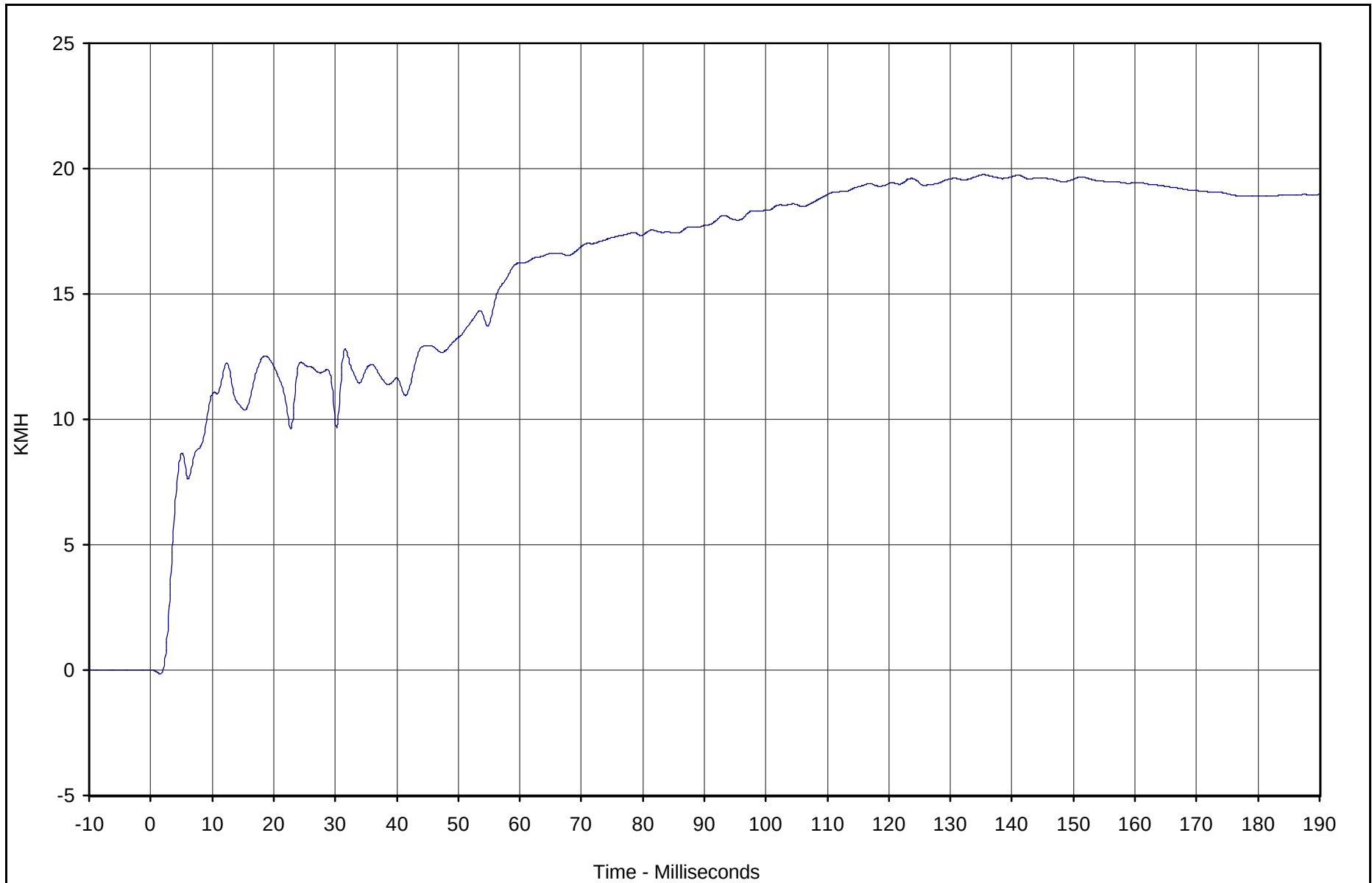


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
A-Post Middle Y Velocity	065	IN1	KMH	19.8	135.4	-0.1	1.6	180

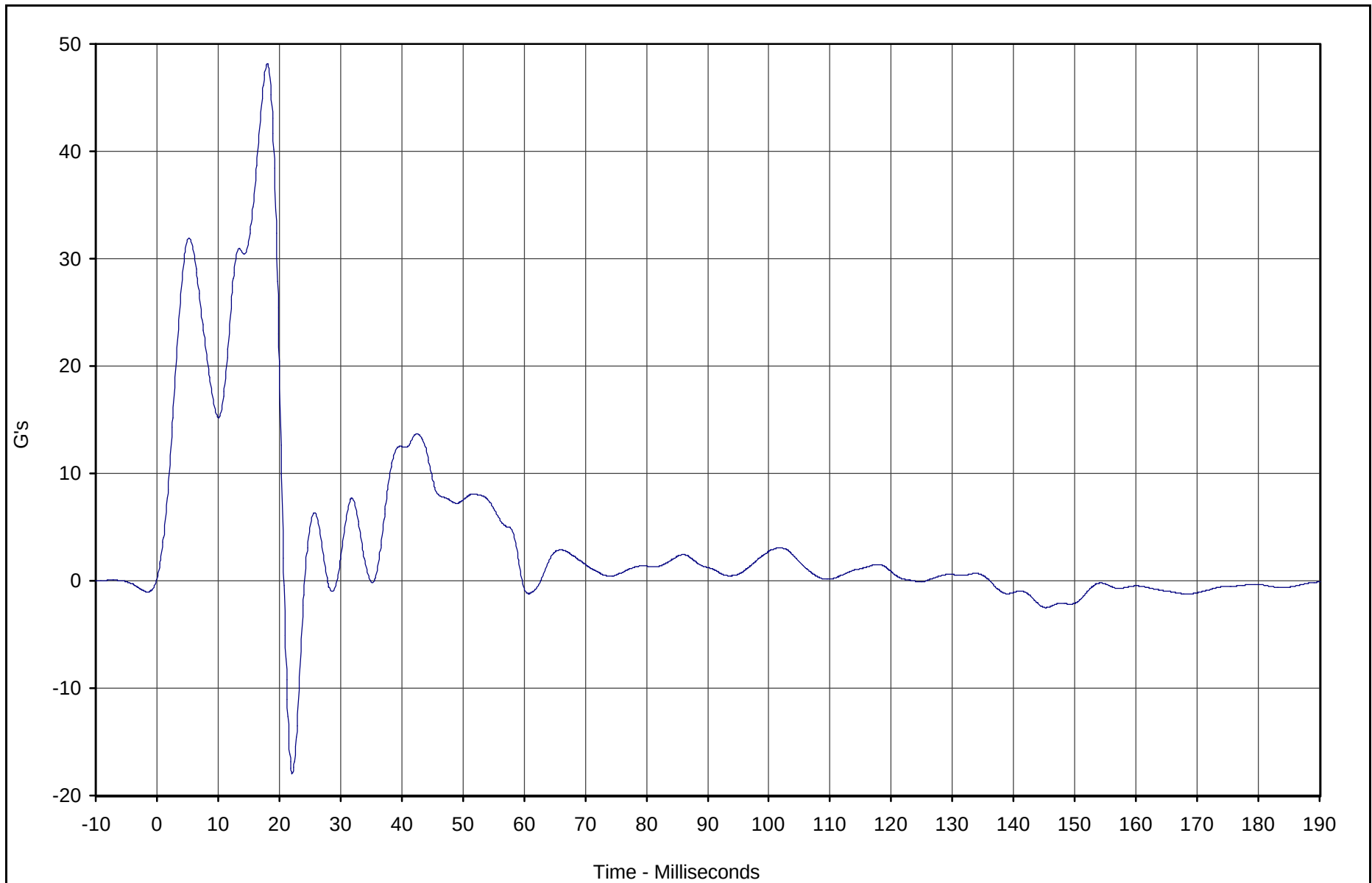


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Seat Track Y	066	FIL	G's	48.1	18.0	-17.9	22.1	60

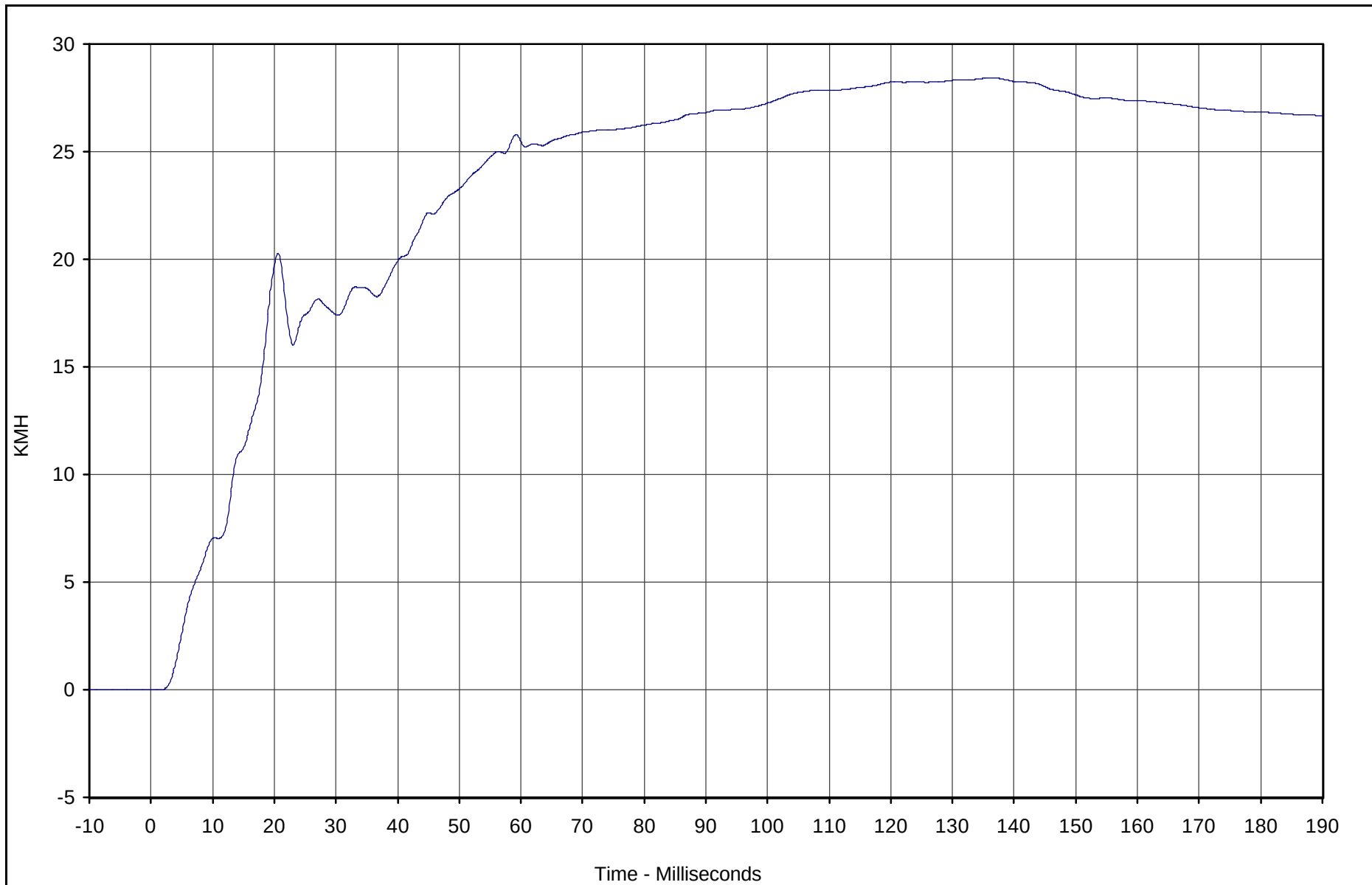


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Left Front Seat Track Y Velocity	066	IN1	KMH	28.4	136.6	0.0	1.4	180

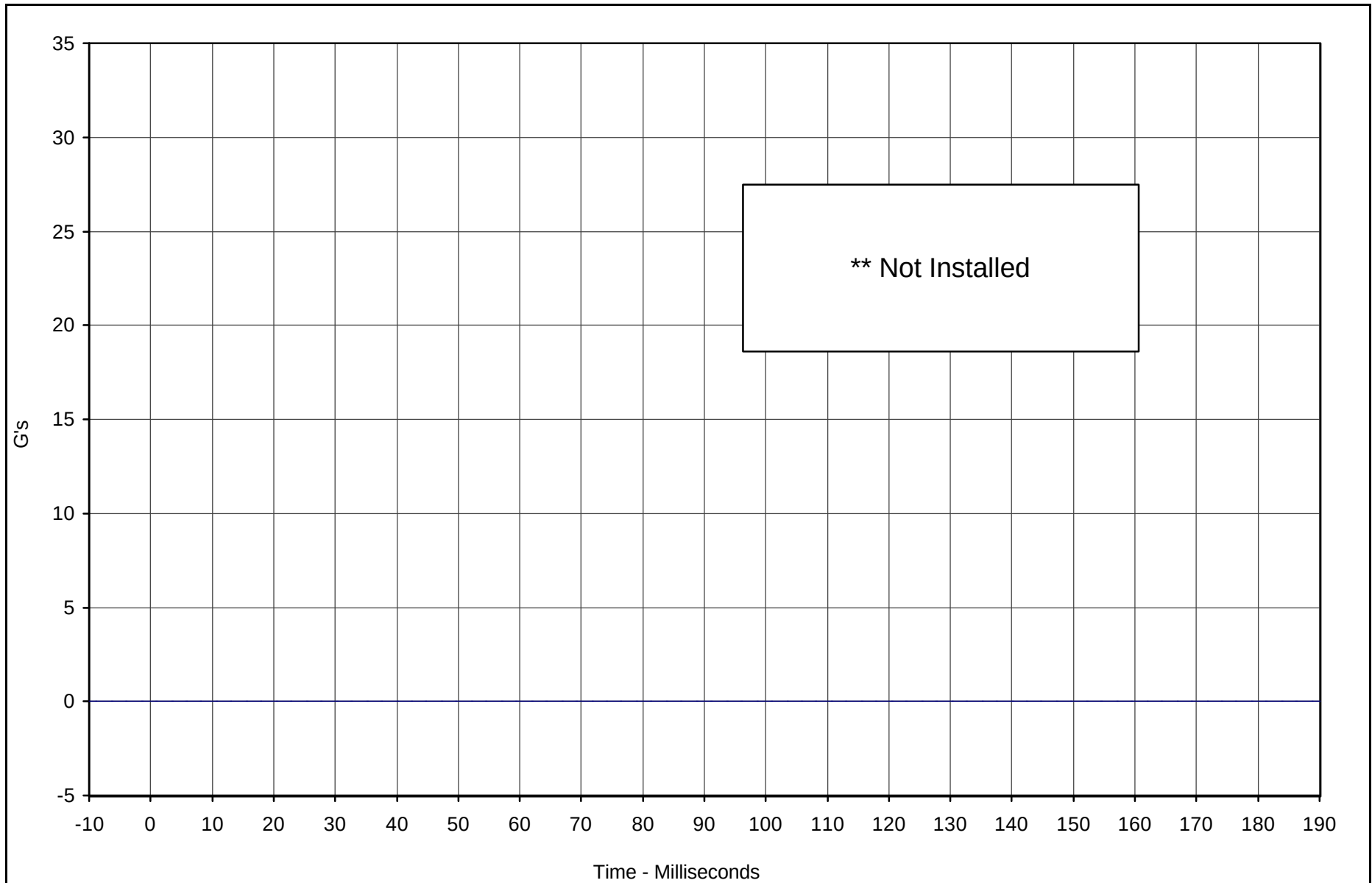


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



** Not installed

Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Seat Structure Y	067	FIL	G's	0.0	0.0	0.0	0.0	60

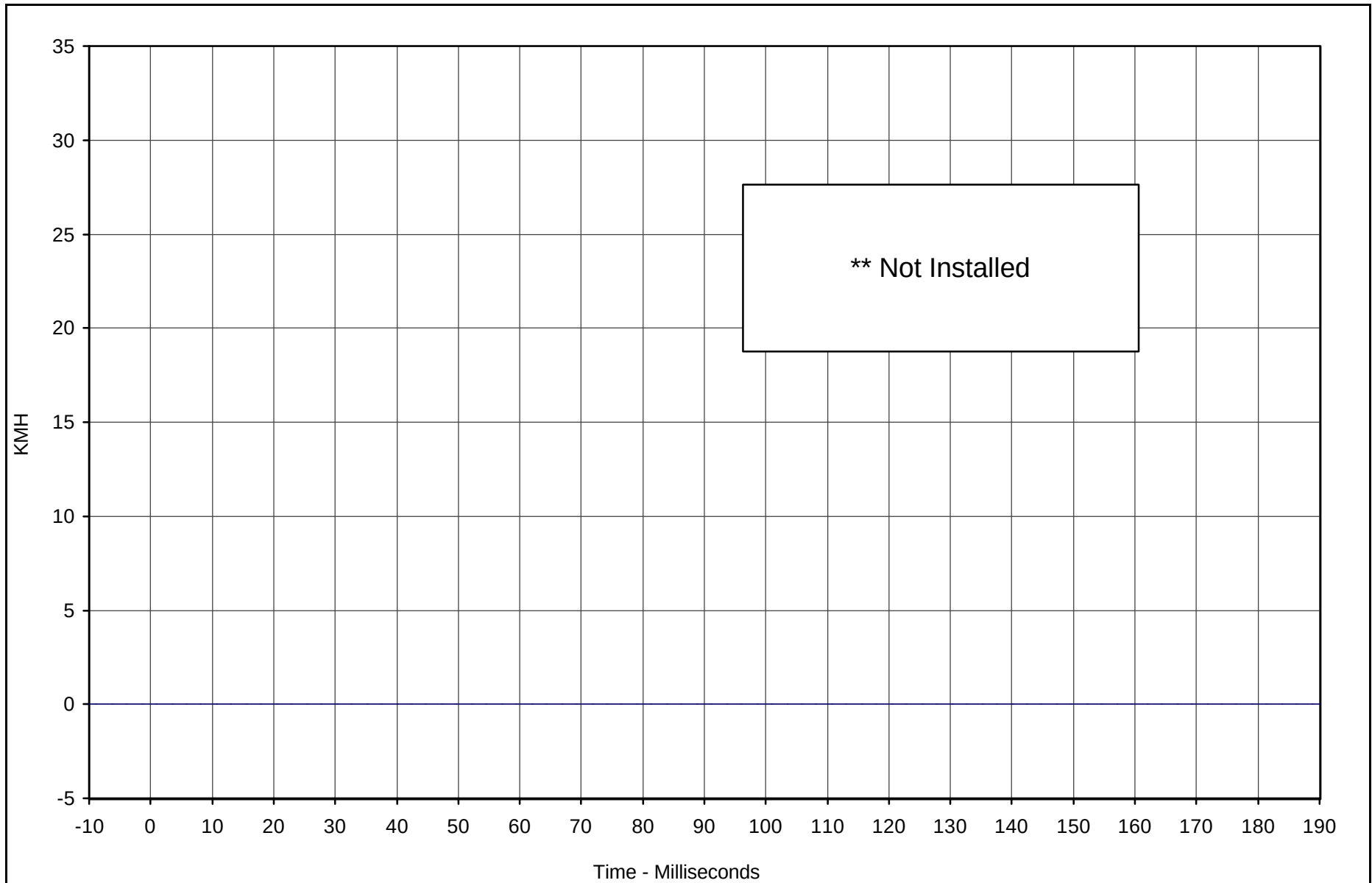


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



** Not installed

Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Rear Seat Structure Y Velocity	067	IN1	KMH	0.0	0.0	0.0	0.0	180

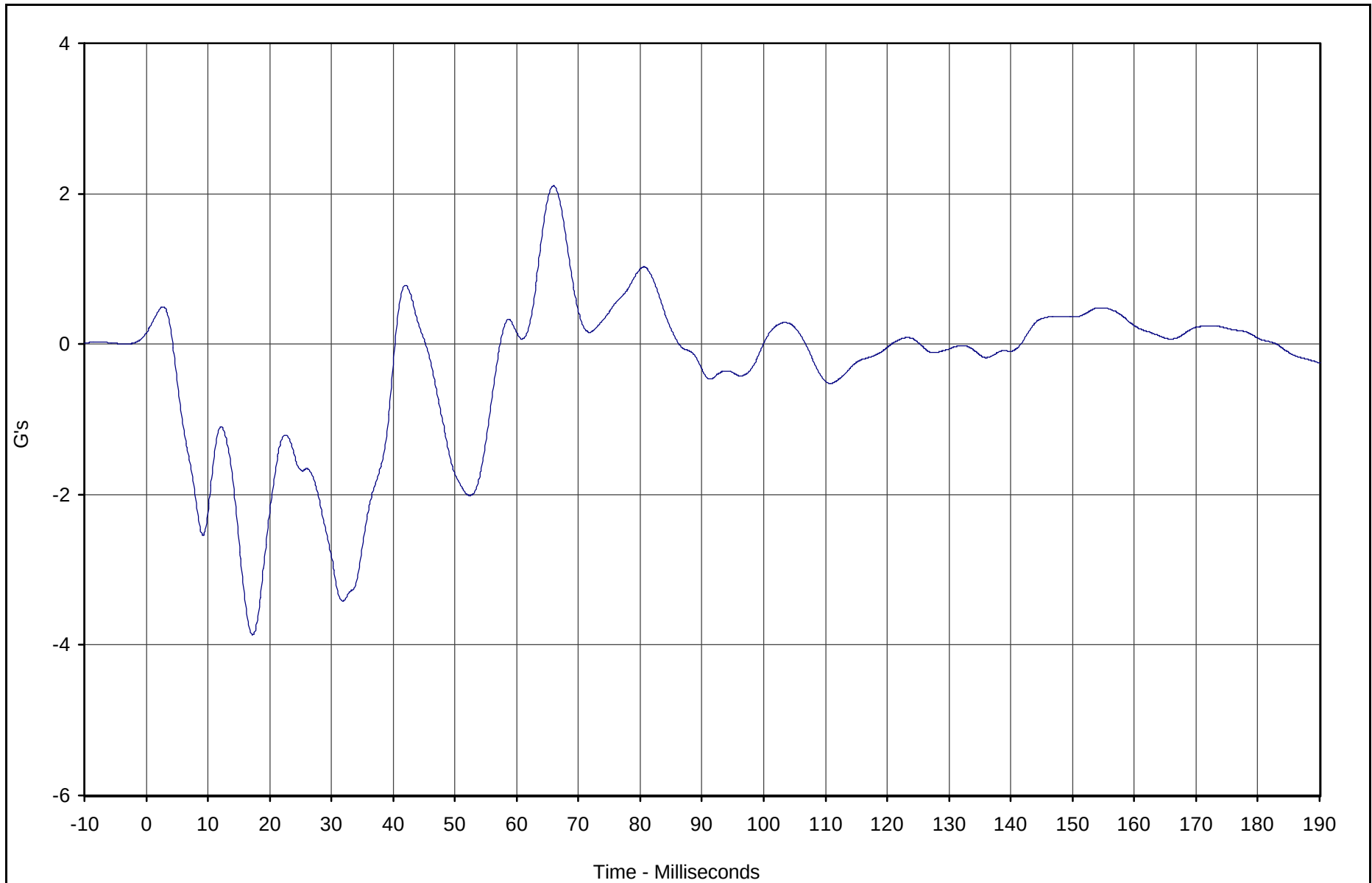


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG X	068	FIL	G's	2.1	65.9	-3.9	17.2	60

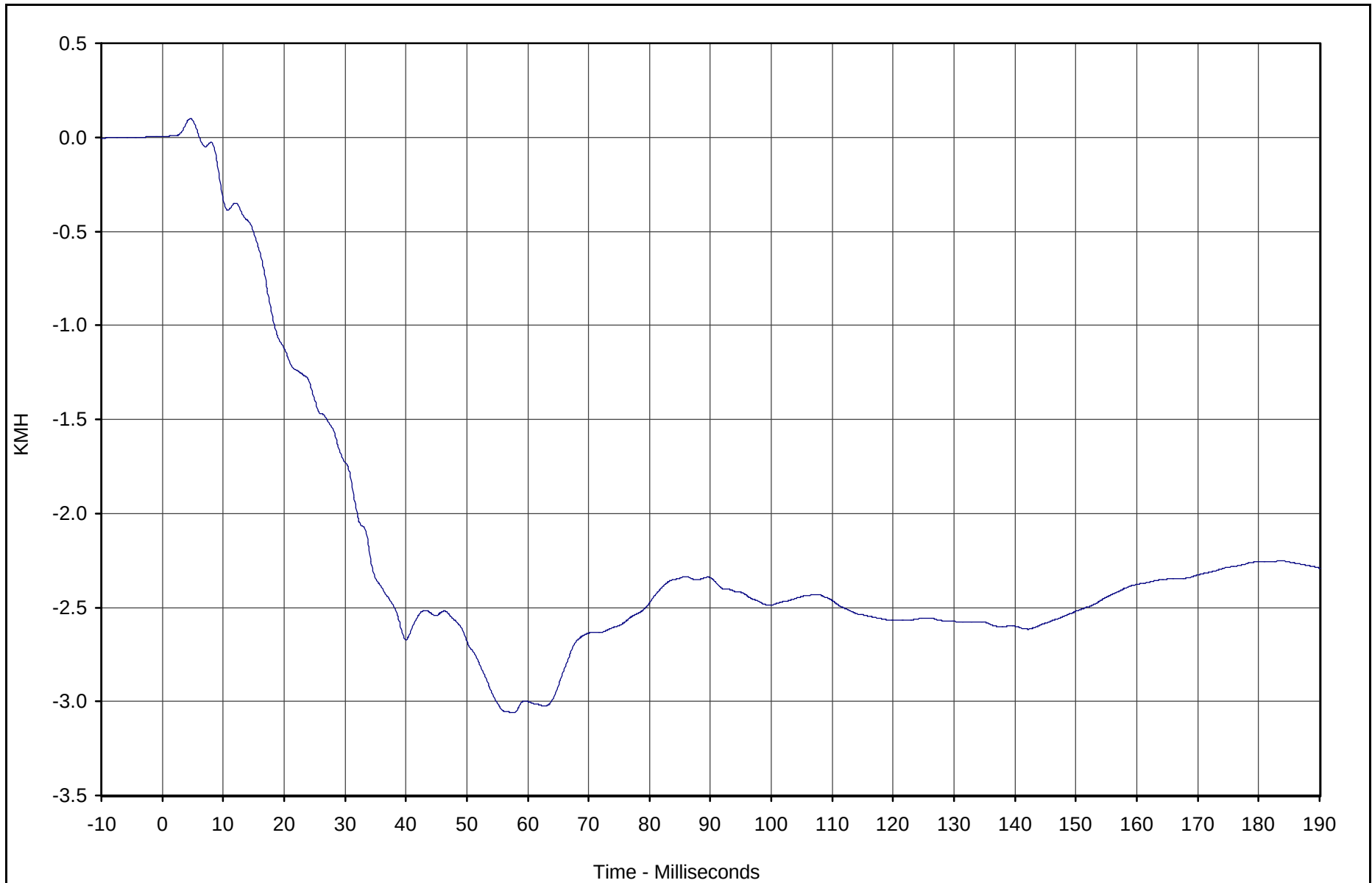


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG X Velocity	068	IN1	KMH	0.1	4.6	-3.1	57.6	180

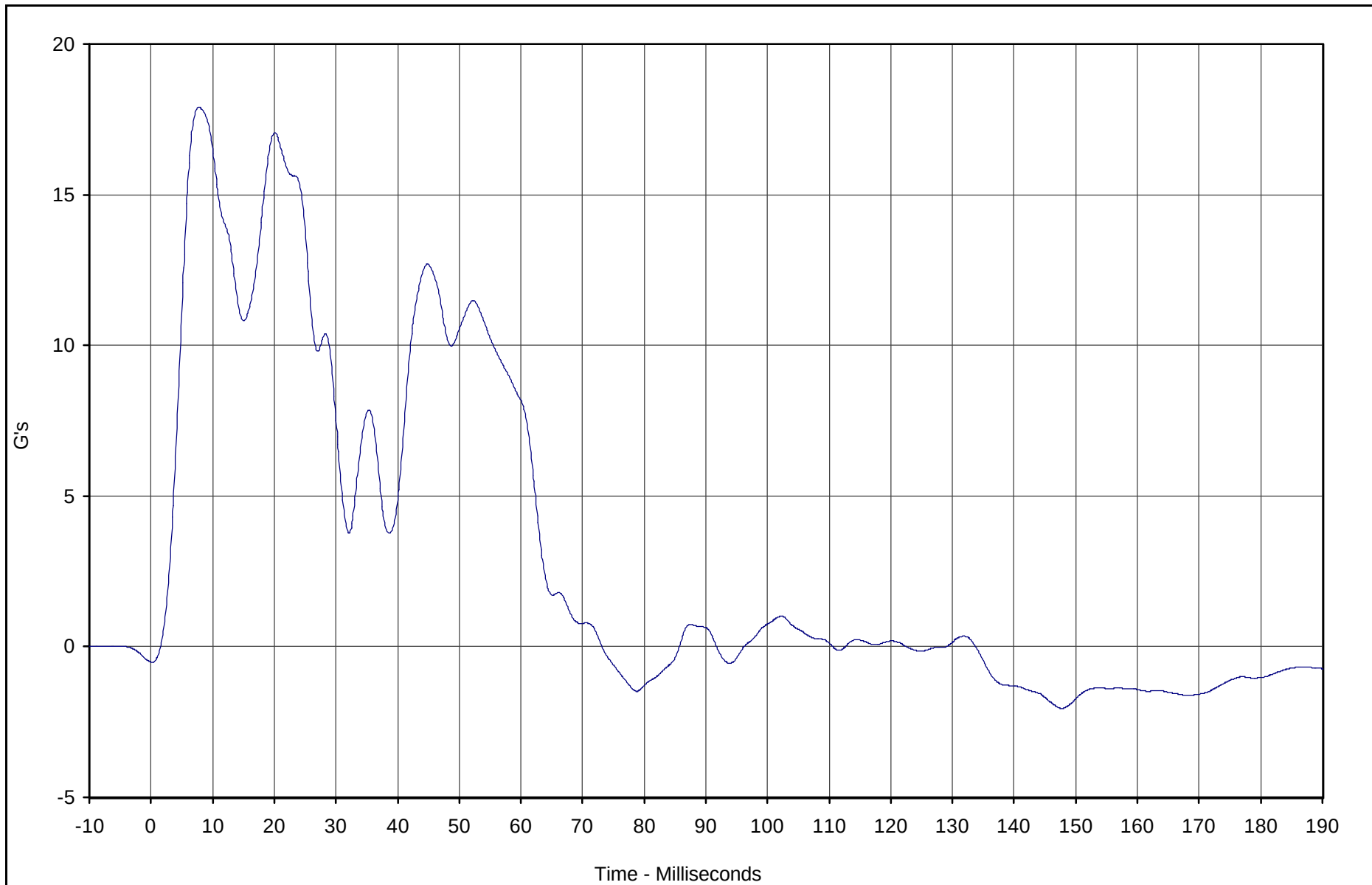


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG Y	069	FIL	G's	17.9	7.8	-2.0	147.7	60

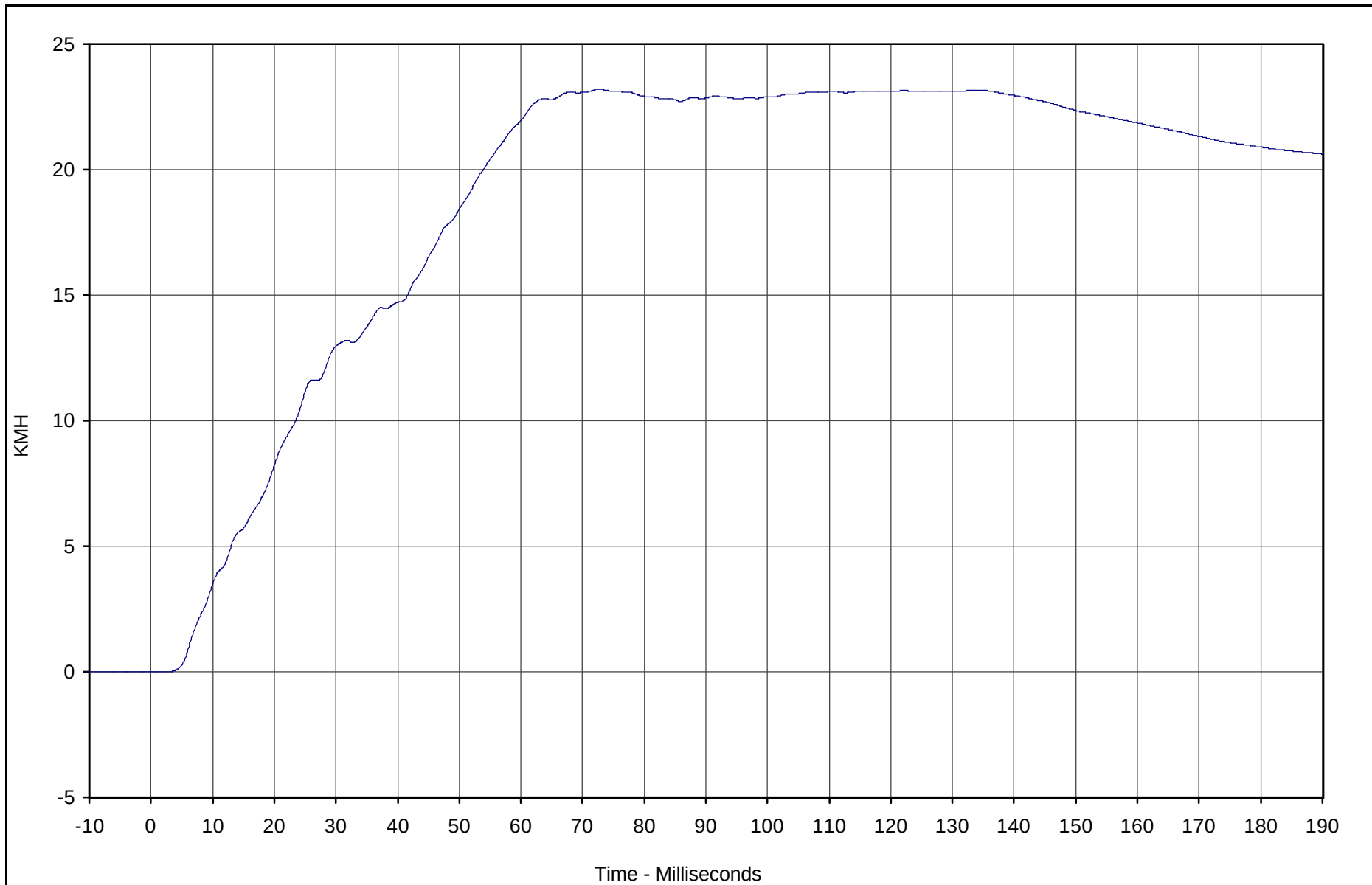


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG Y Velocity	069	IN1	KMH	23.2	72.7	0.0	2.5	180

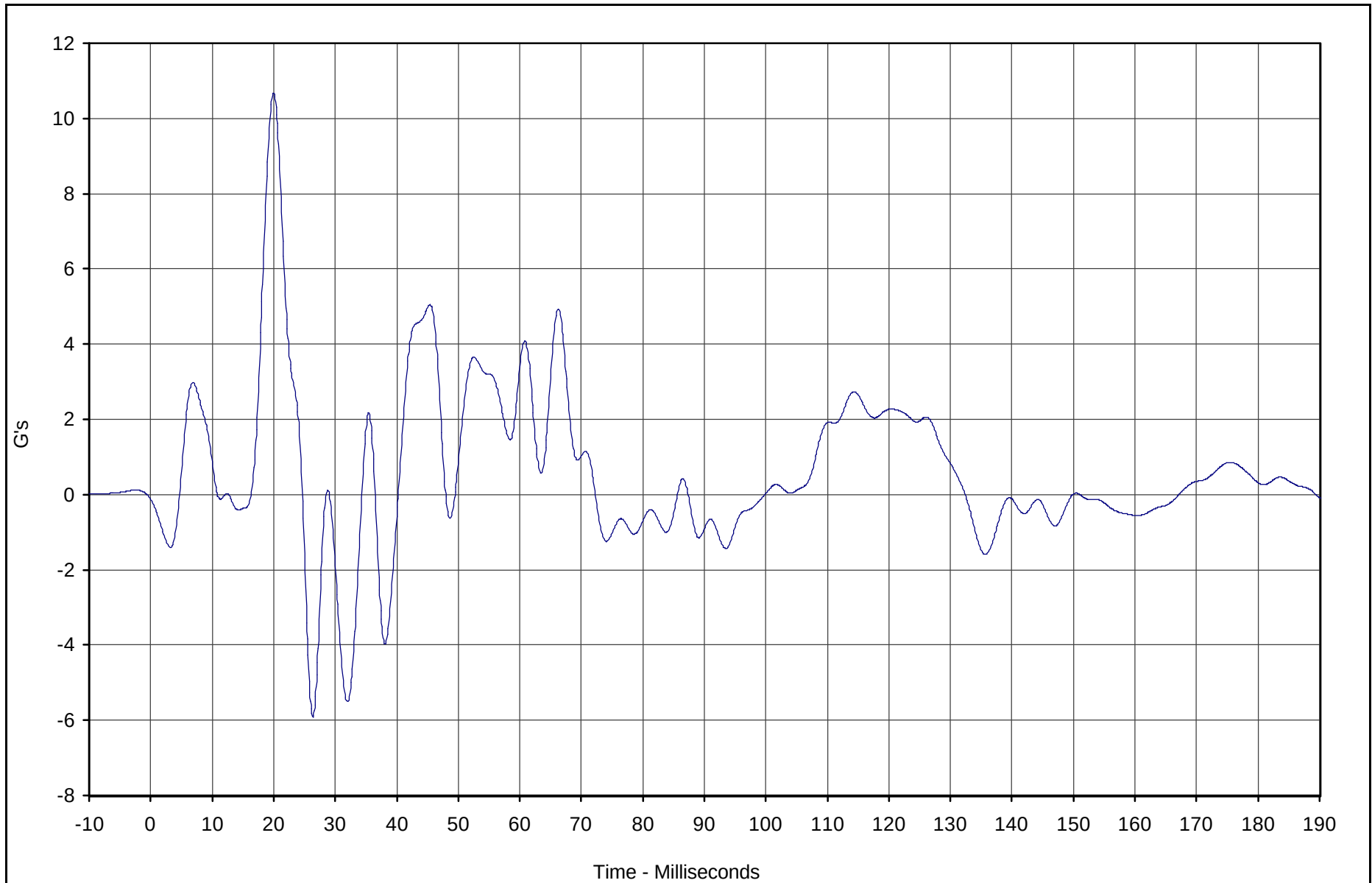


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG Z	070	FIL	G's	10.7	20.0	-5.9	26.4	60

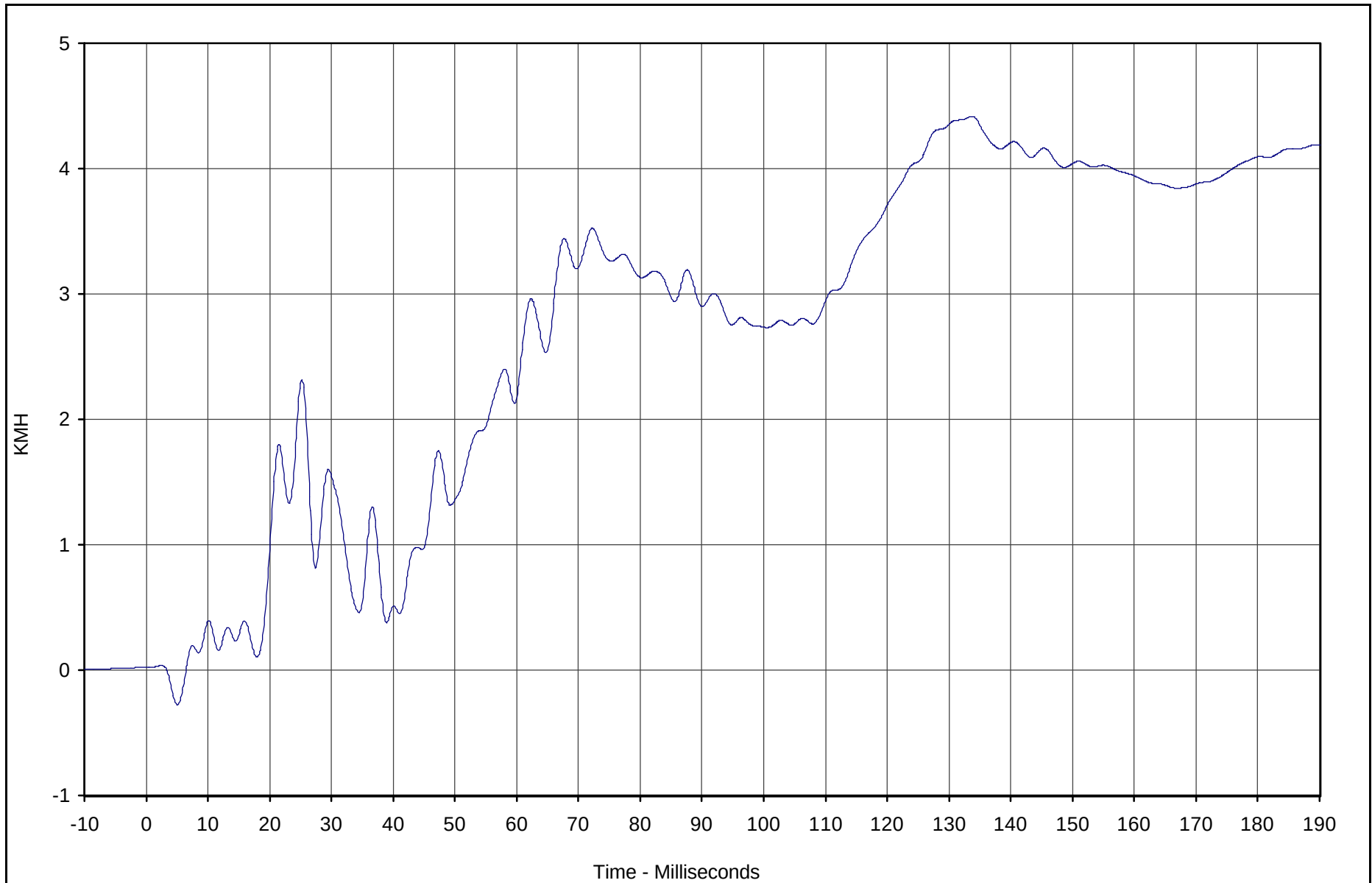


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG Z Velocity	070	IN1	KMH	4.4	133.7	-0.3	5.0	180

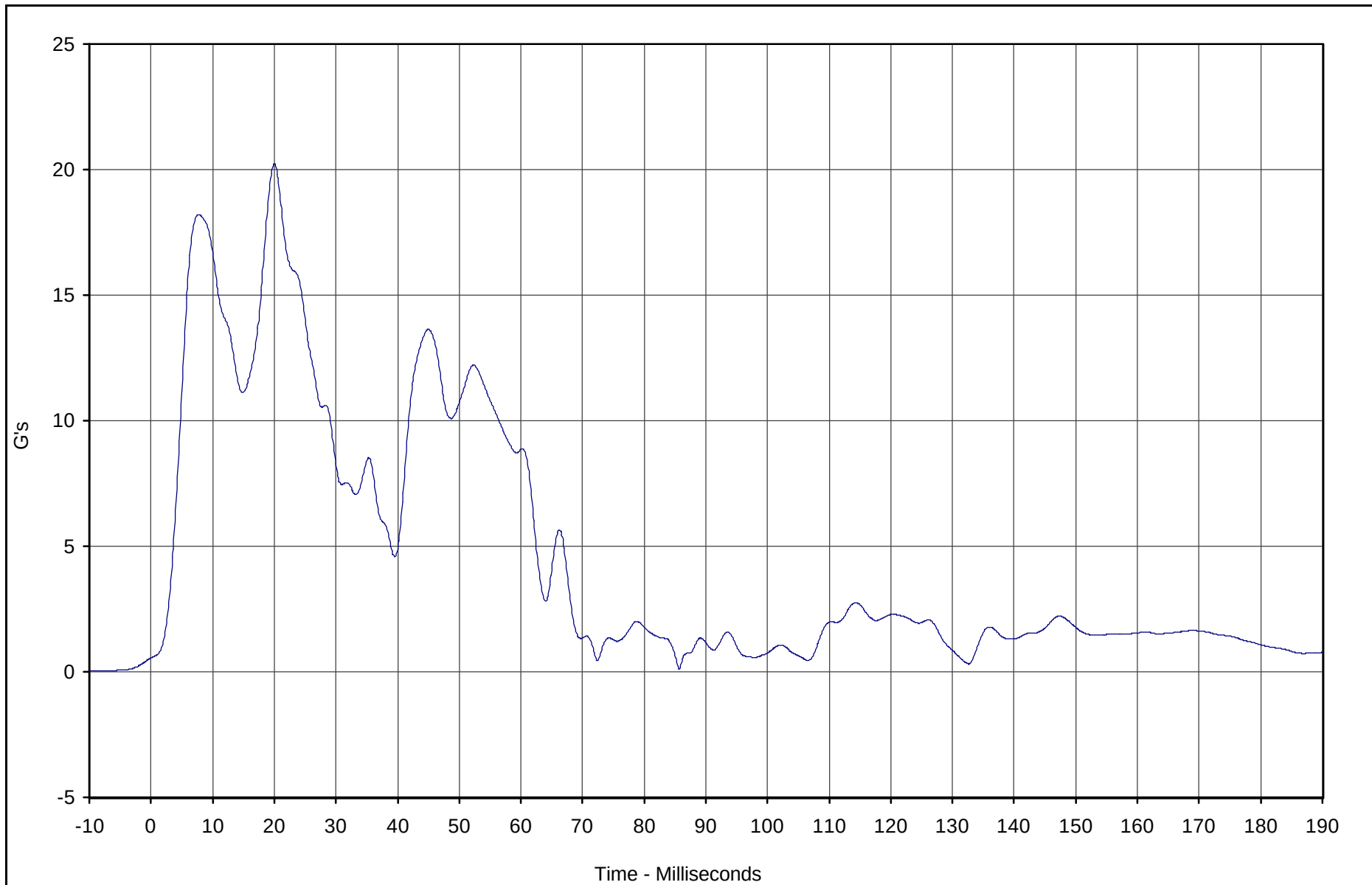


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Vehicle CG Resultant	068	RES	G's	20.2	20.0	0.1	85.7	60

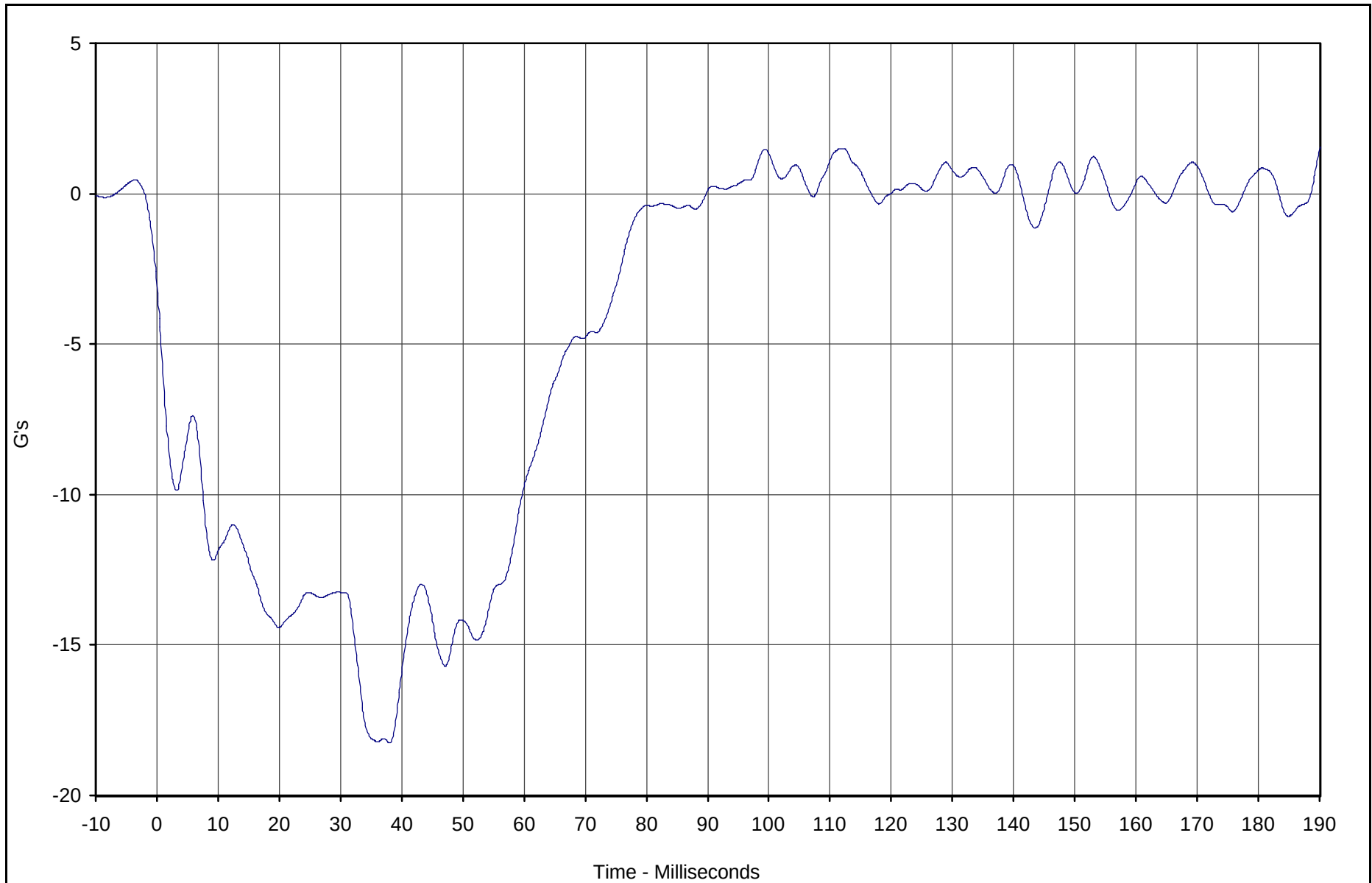


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB CG X	071	FIL	G's	1.5	112.0	-18.3	38.0	60

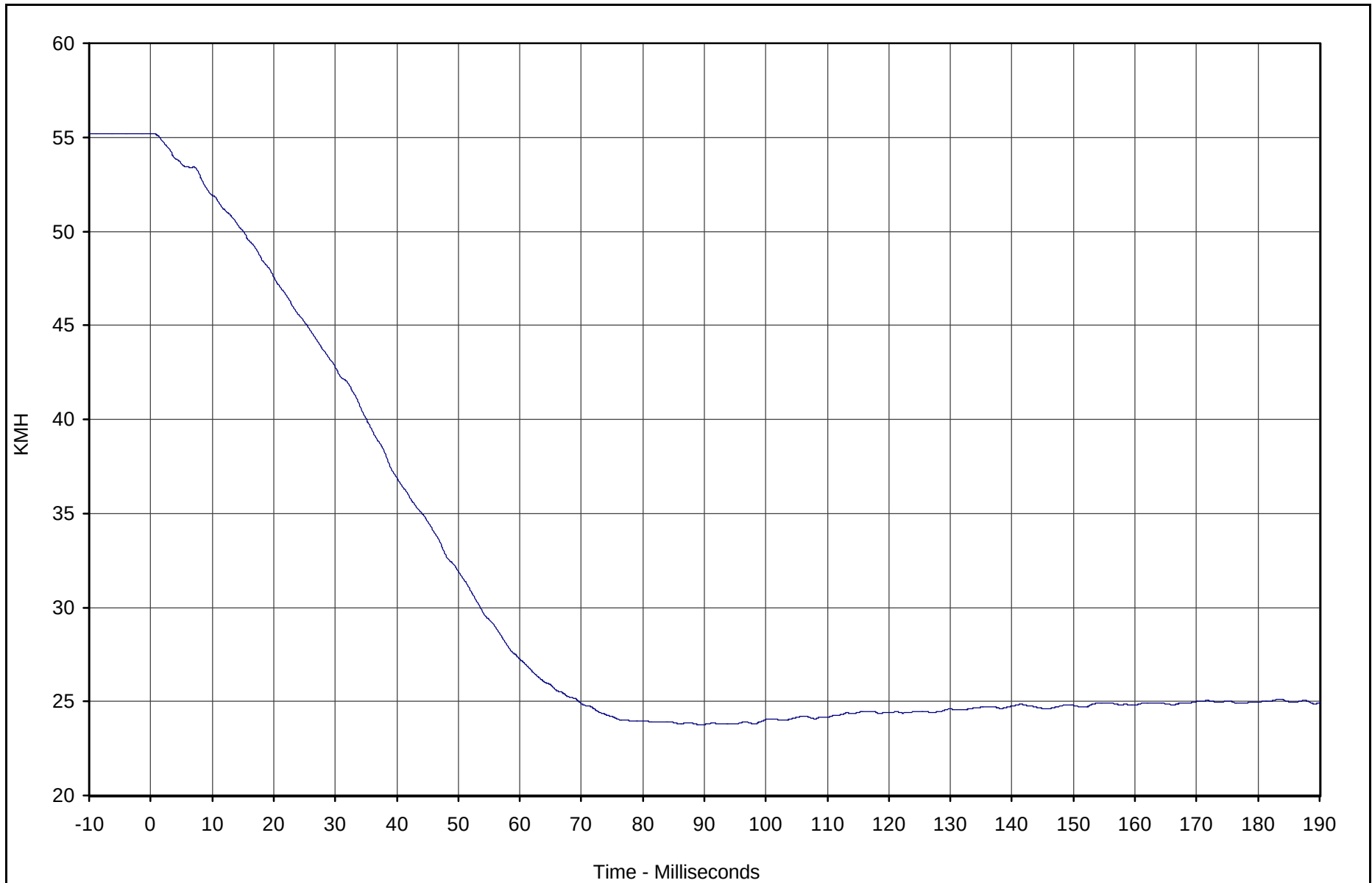


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB CG X Velocity	071	IN1	KMH	55.2	0.3	23.7	89.6	180

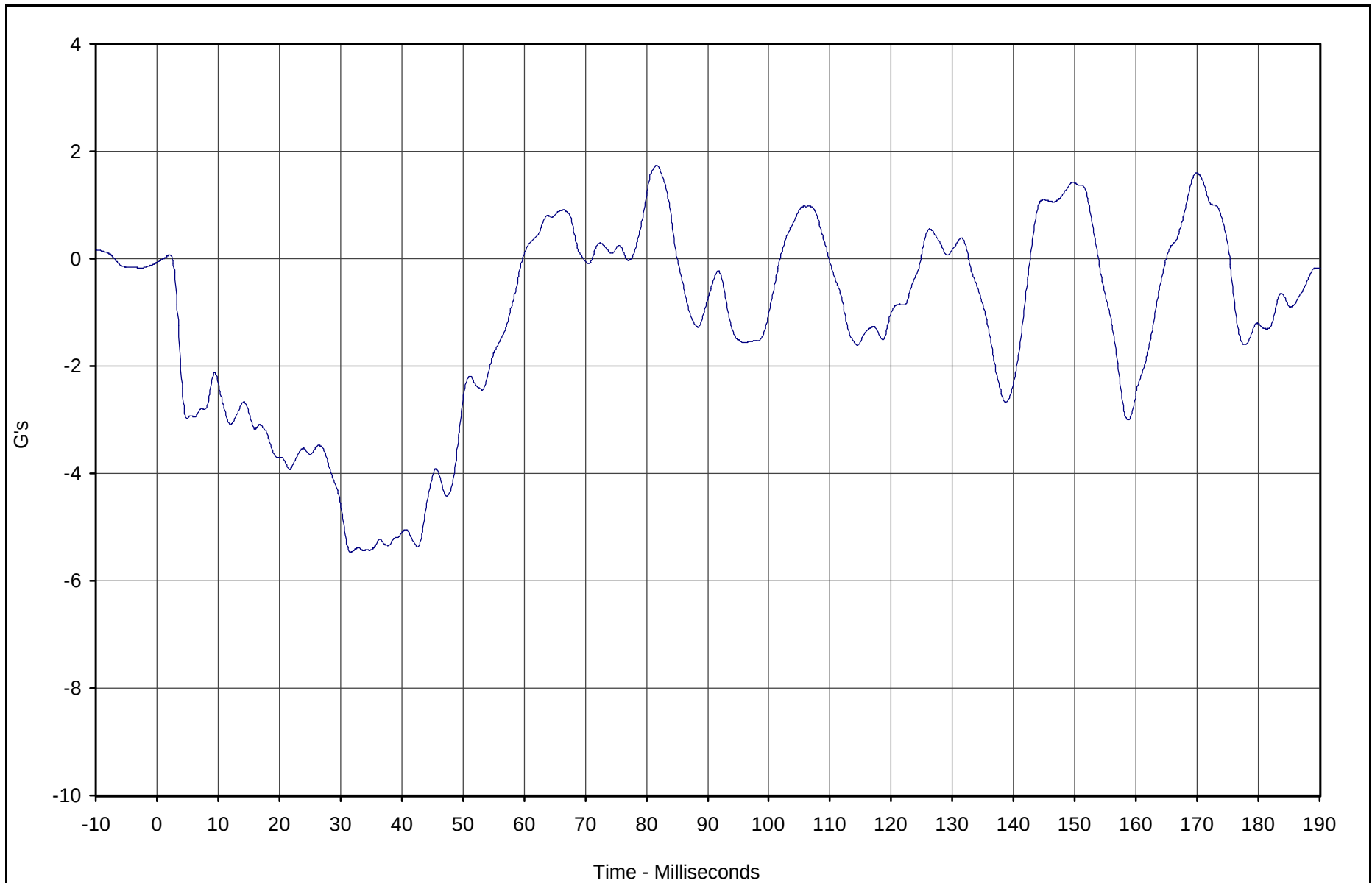


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB CG Y	072	FIL	G's	1.7	81.7	-5.5	31.6	60

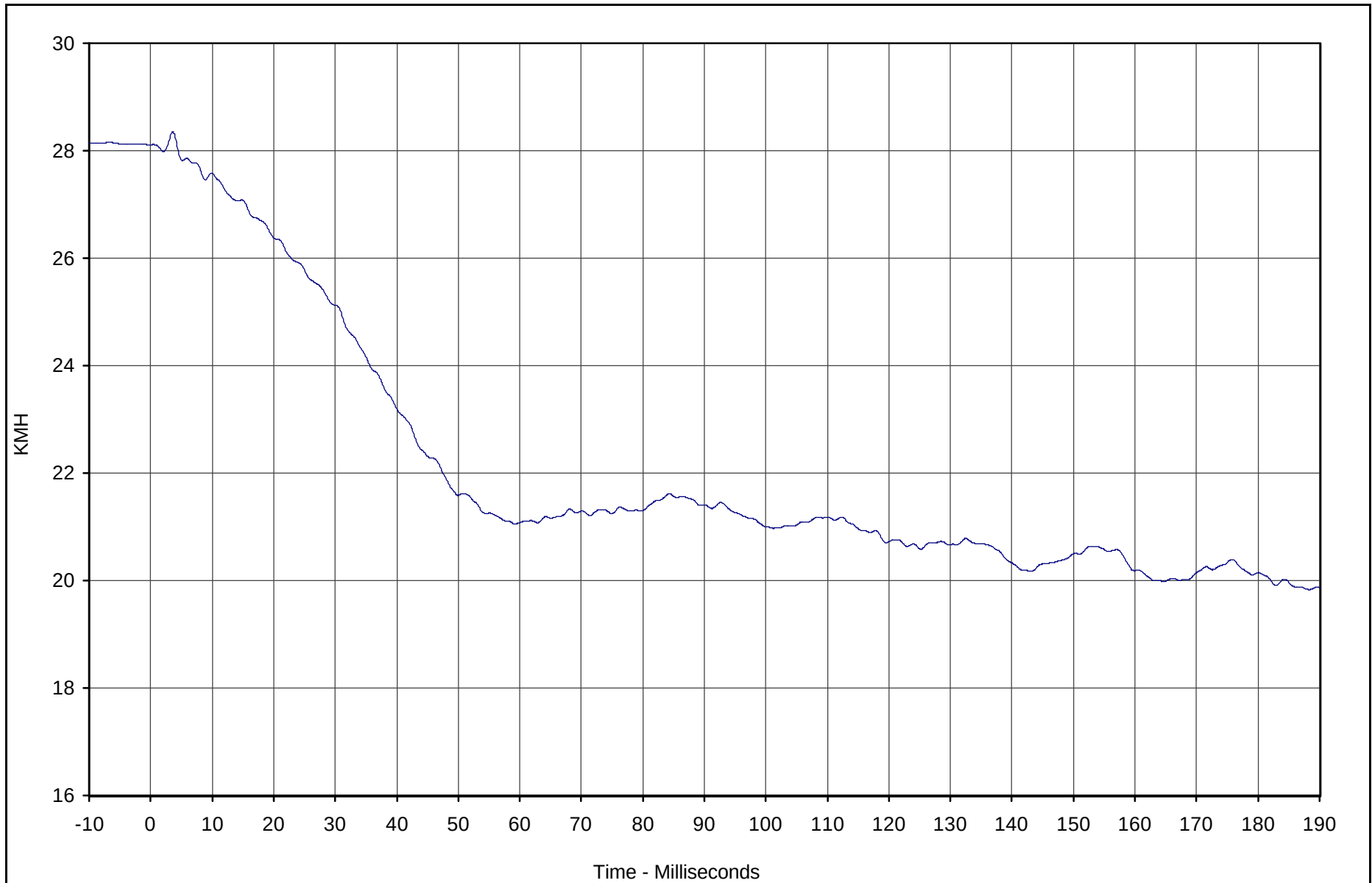


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB CG Y Velocity	072	IN1	KMH	28.4	3.6	19.8	188.3	180

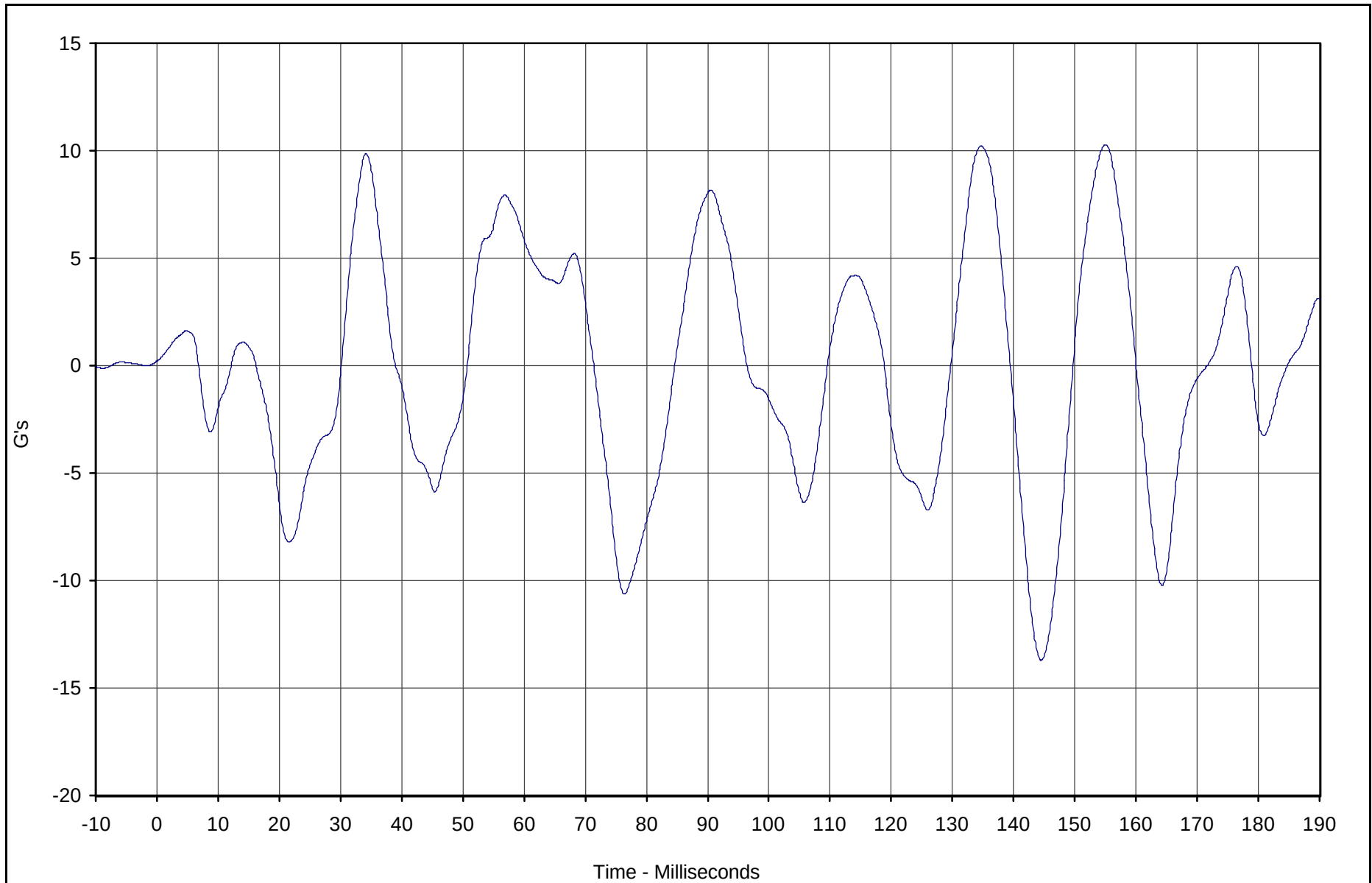


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB CG Z	073	FIL	G's	10.3	155.0	-13.7	144.5	60

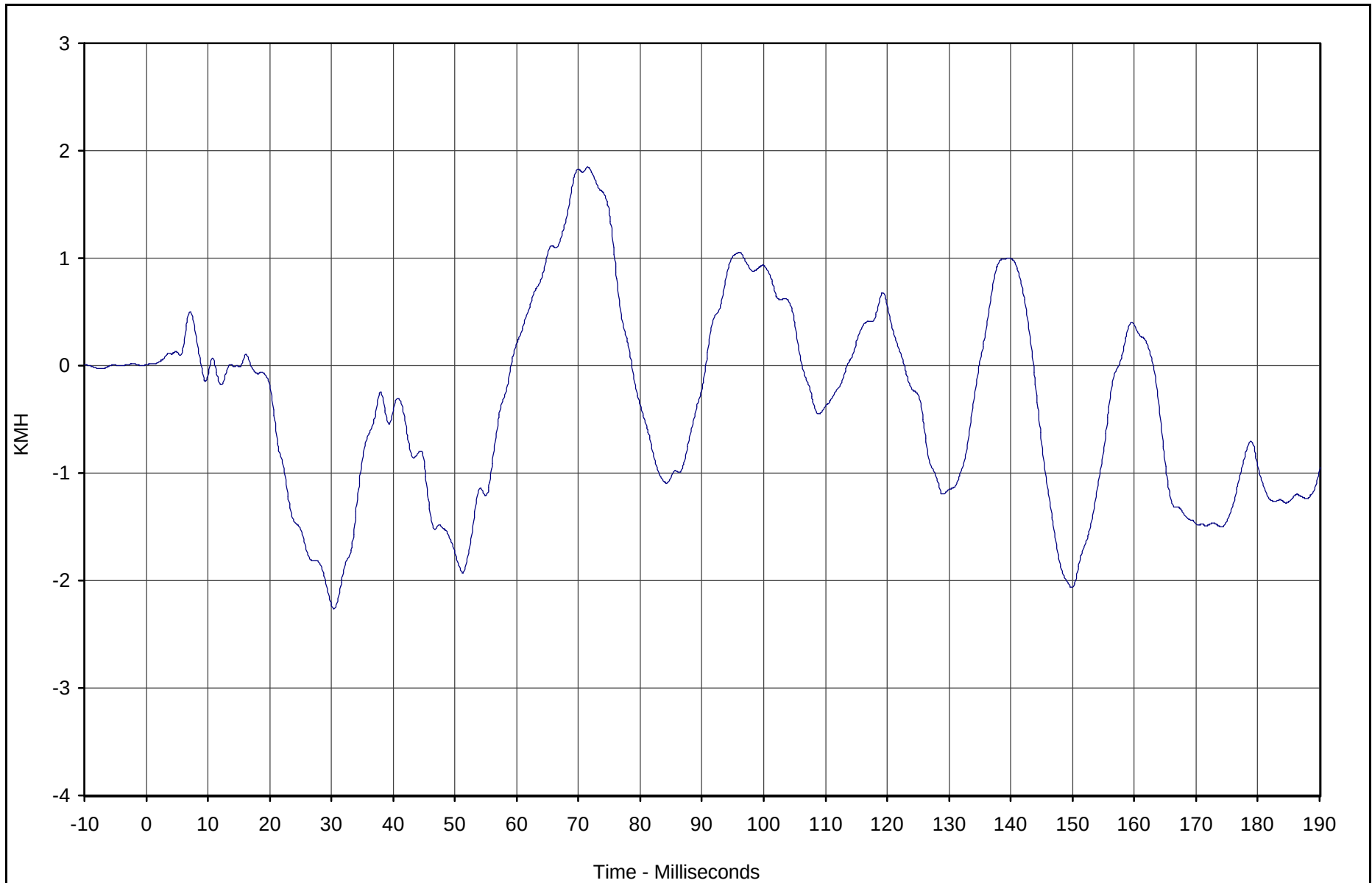


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB CG Z Velocity	073	IN1	KMH	1.8	71.5	-2.3	30.4	180

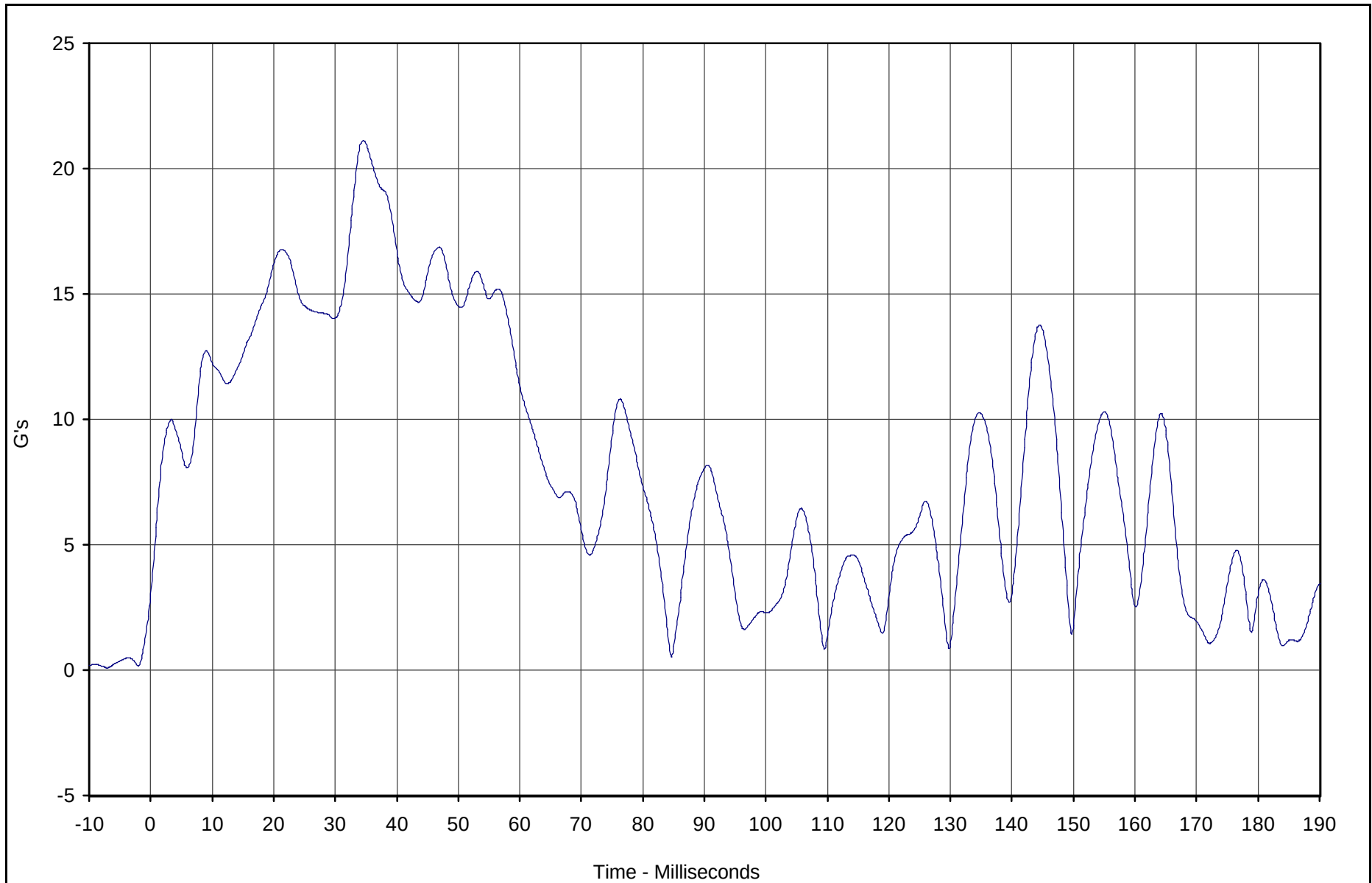


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
CG Resultant	071	RES	G's	21.1	34.6	0.5	84.6	60

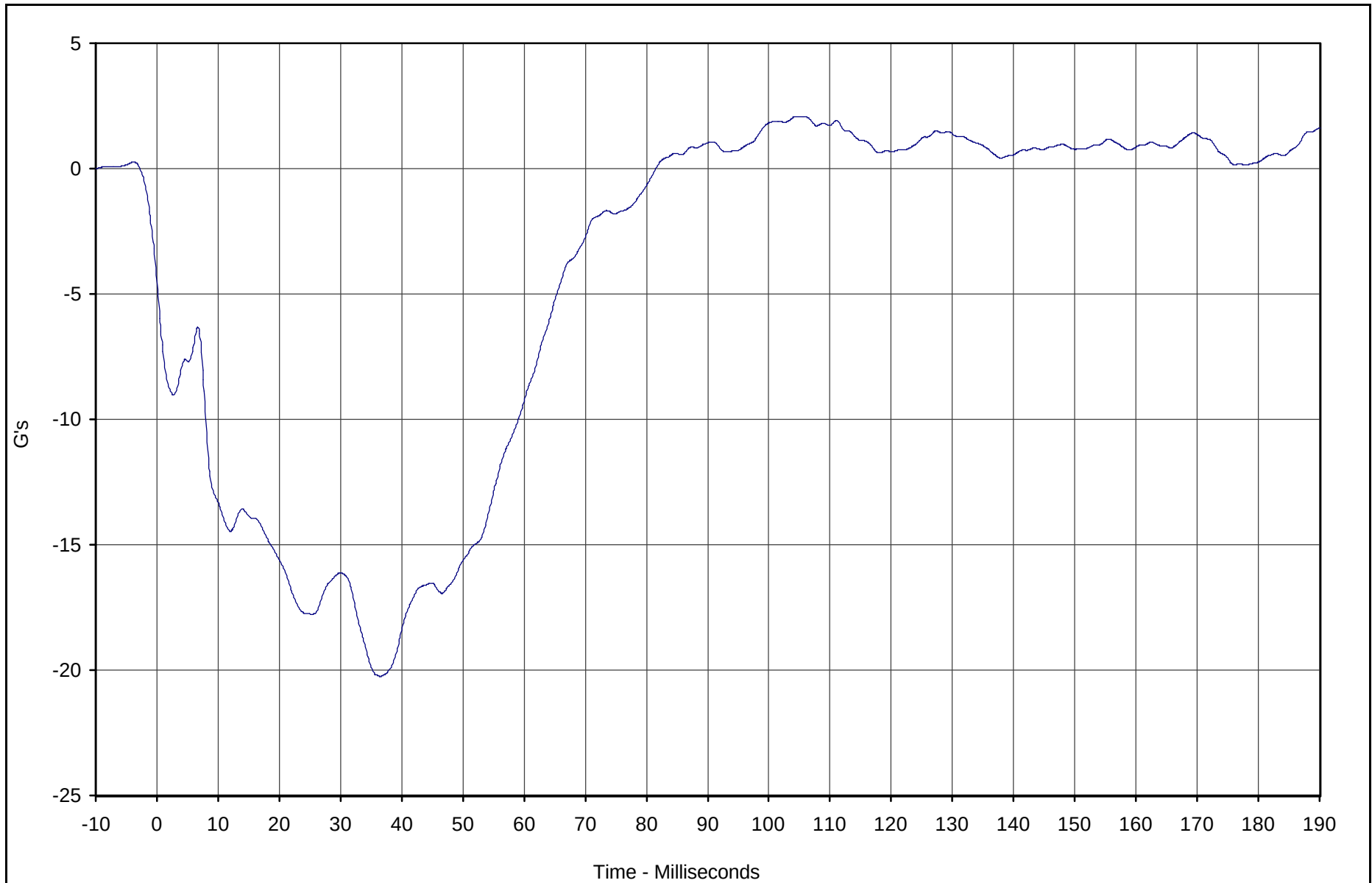


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB Rear X	074	FIL	G's	2.1	104.5	-20.2	36.5	60

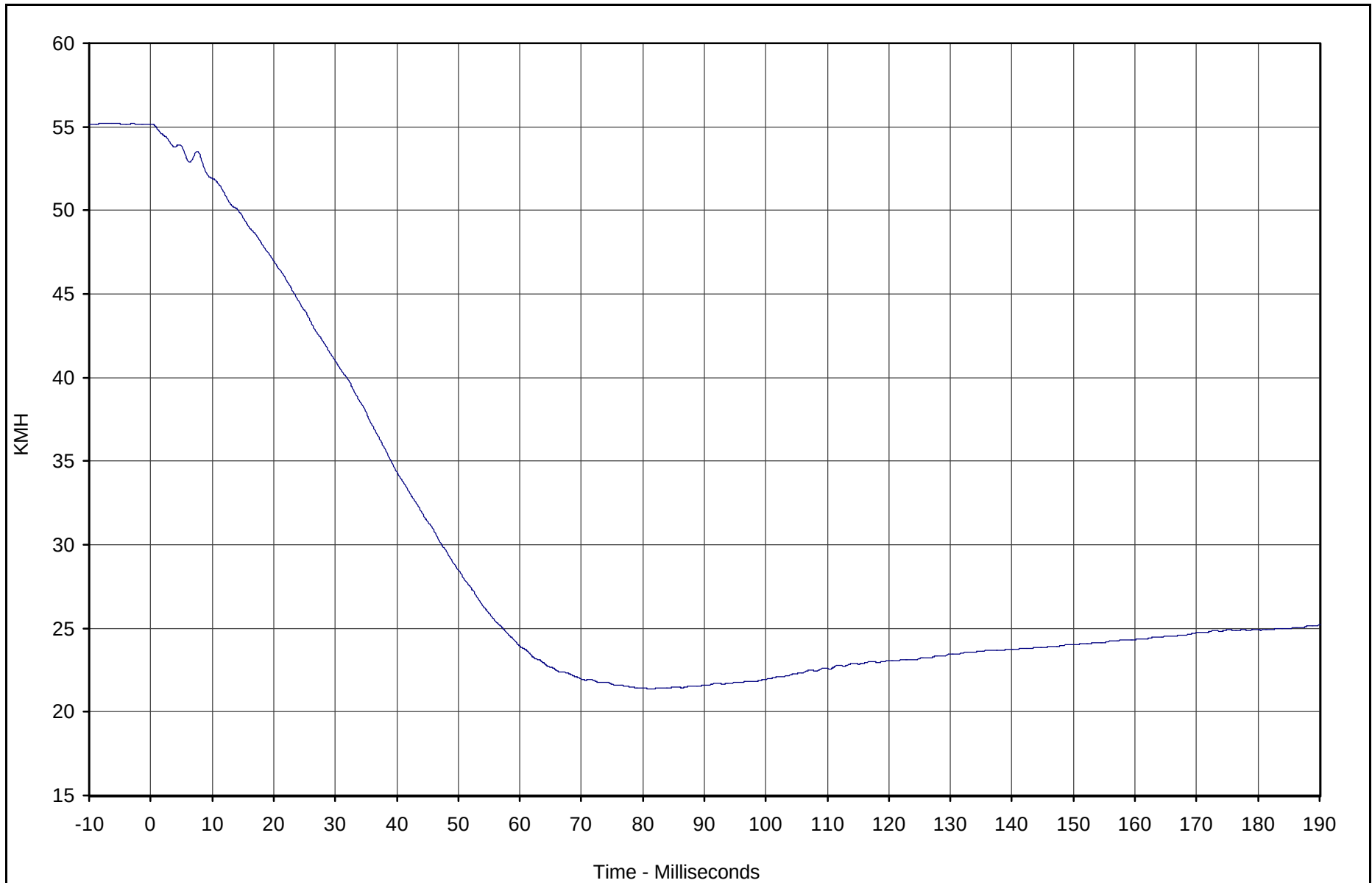


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB Rear X Velocity	074	IN1	KMH	55.2	0.0	21.4	81.4	180

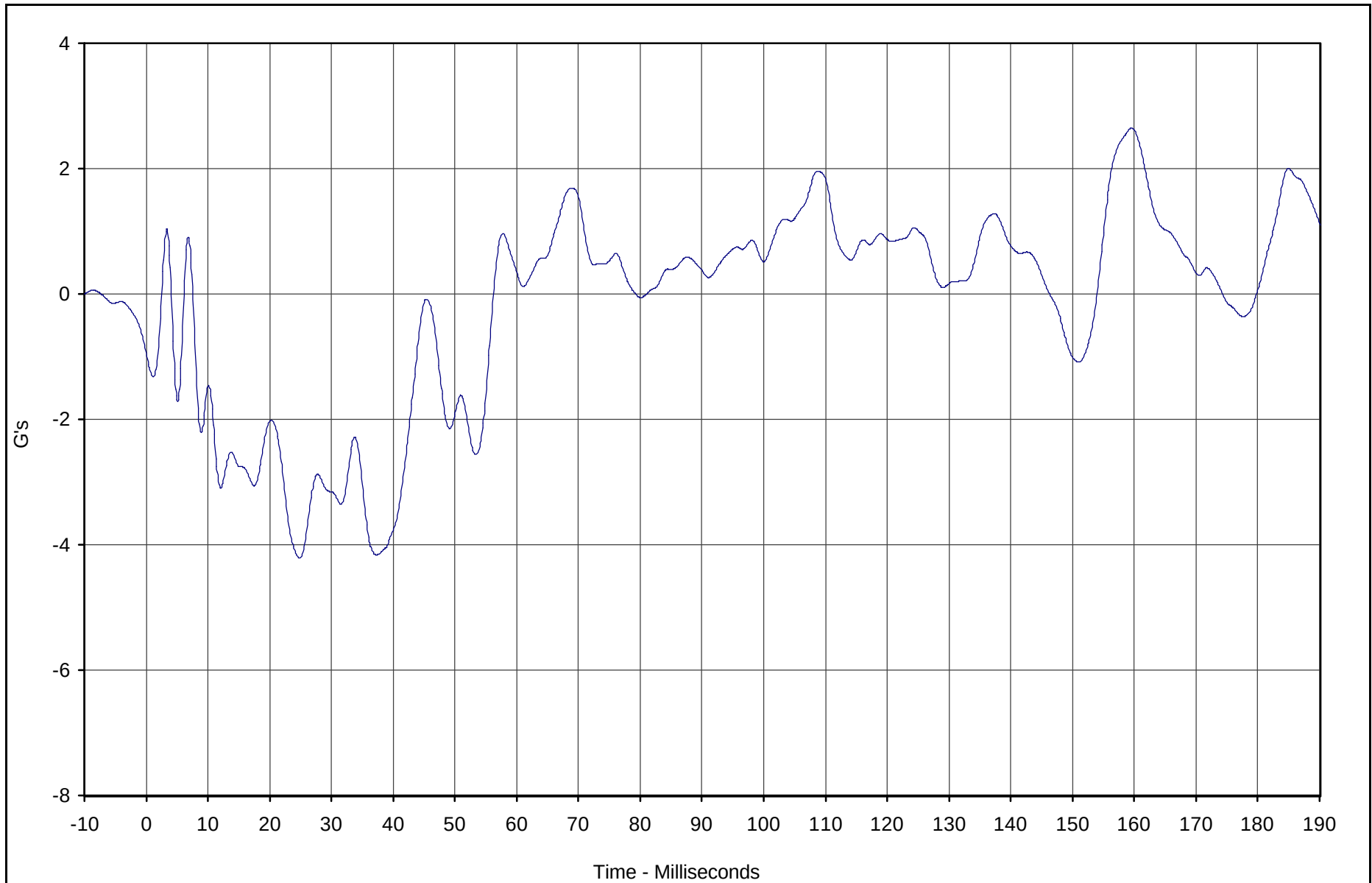


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB Rear Y	075	FIL	G's	2.6	159.6	-4.2	24.9	60

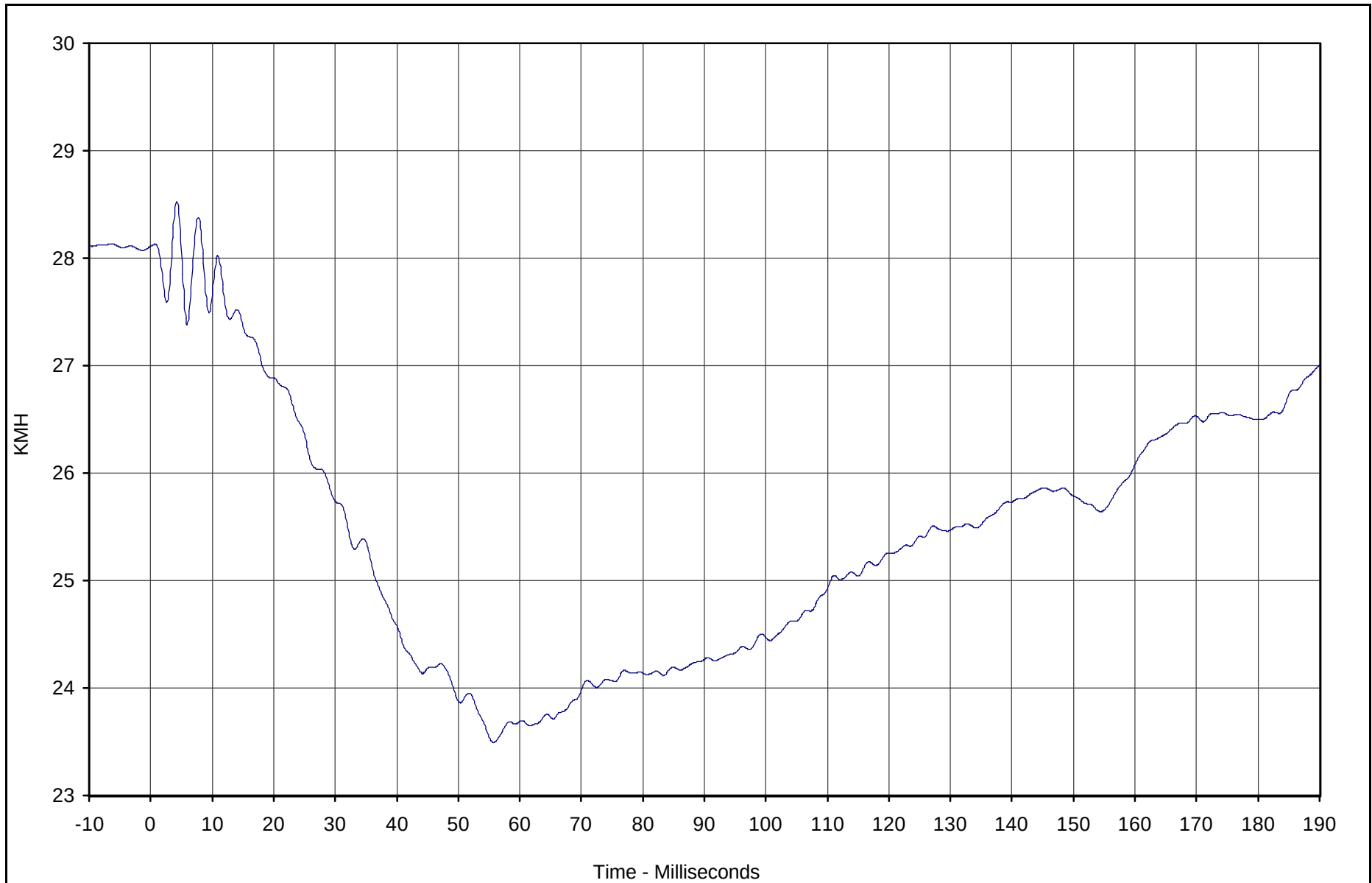


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
MDB Rear Y Velocity	075	IN1	KMH	28.5	4.3	23.5	55.7	180

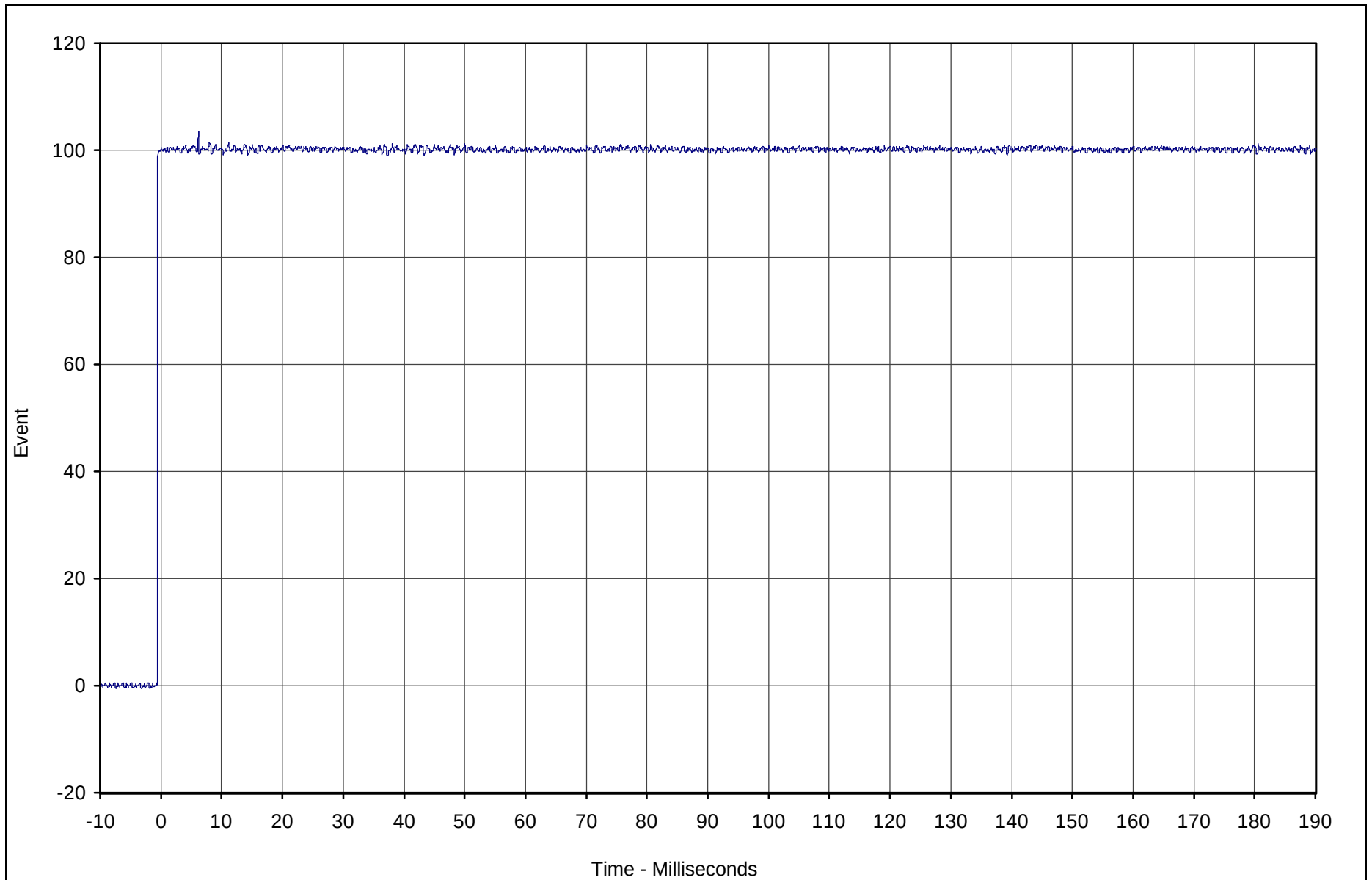


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Cross %	Time	SAE Class
MDB Right Bumper Contact	076	FIL	Event	103.5	6.2	50.0	-0.5	1000

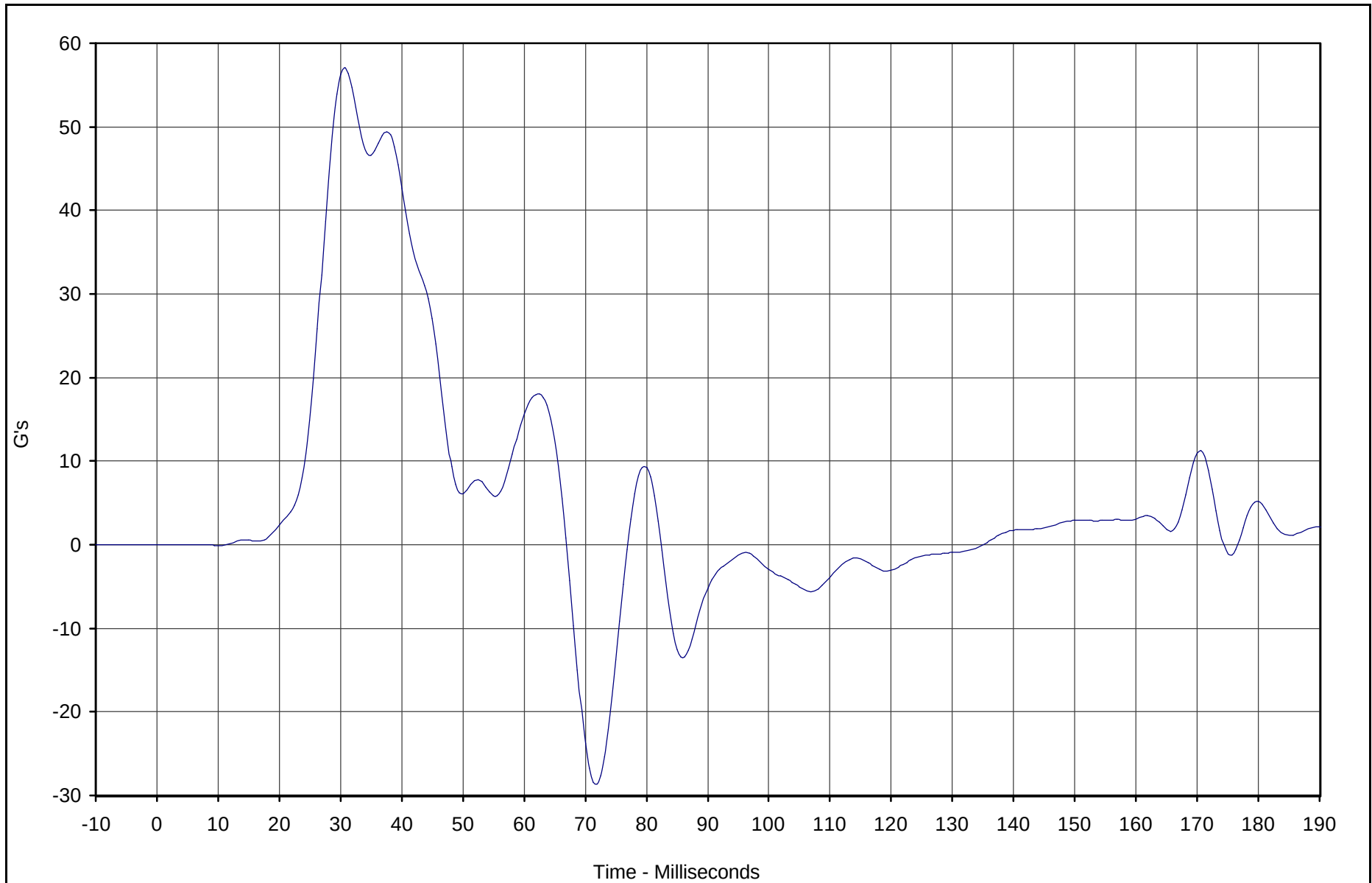


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Rib Primary Y	013	FIR	G's	57.1	30.6	-28.7	71.9	FIR100

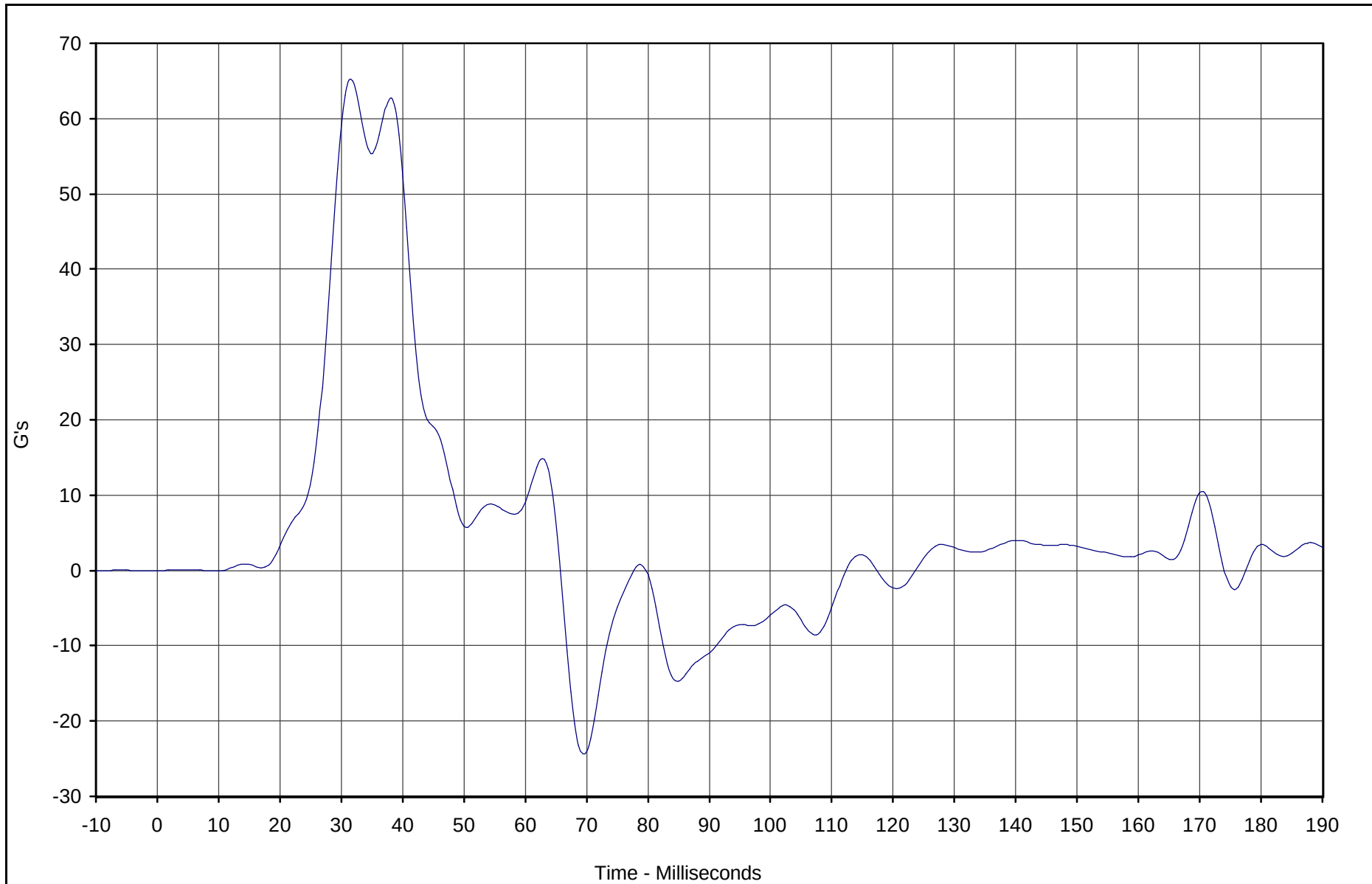


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Rib Primary Y	014	FIR	G's	65.1	31.3	-24.4	69.4	FIR100

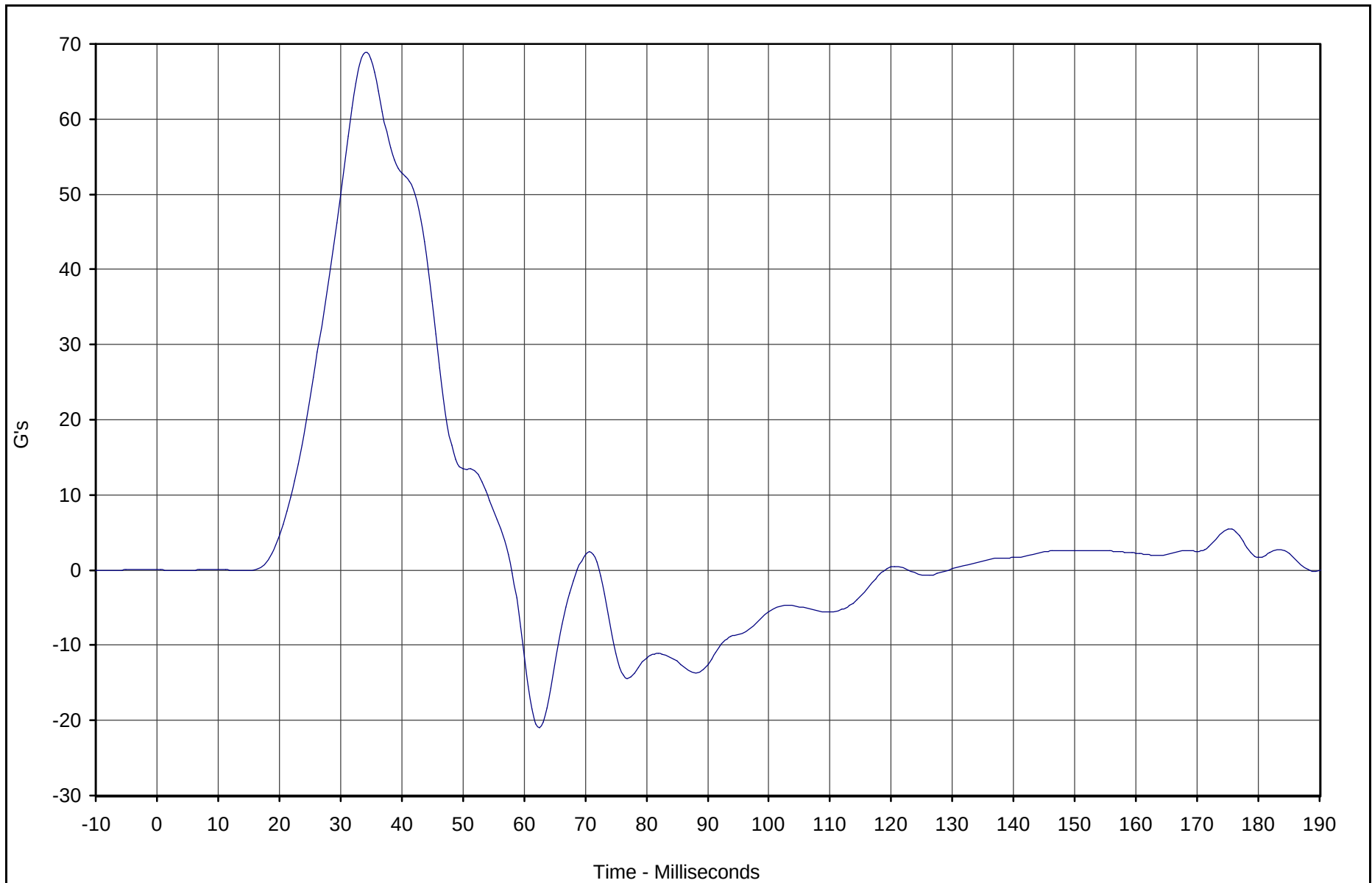


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Spine Primary Y	015	FIR	G's	68.9	34.4	-21.0	62.5	FIR100

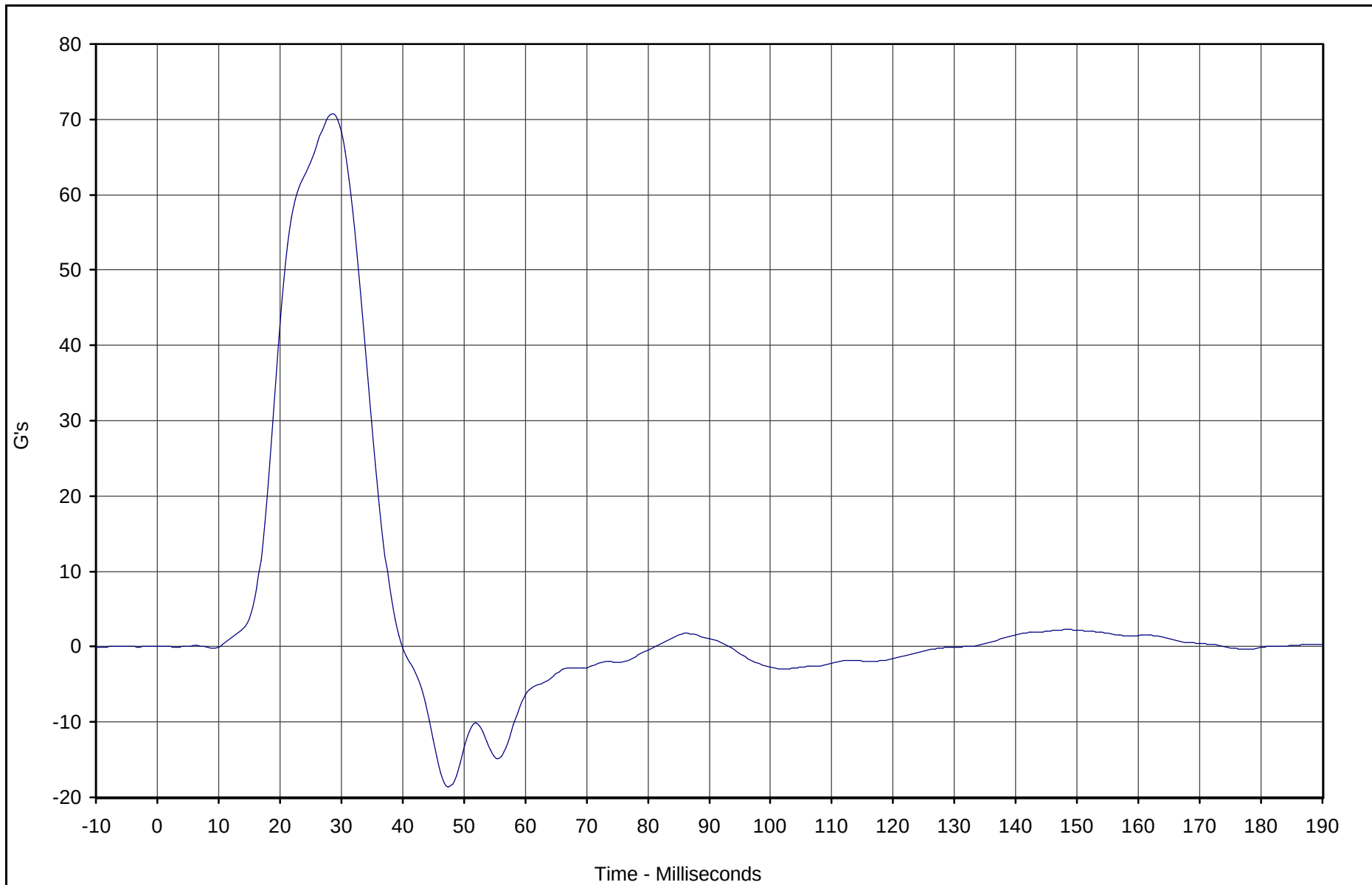


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Pelvis Primary Y	016	FIR	G's	70.7	28.8	-18.7	47.5	FIR100

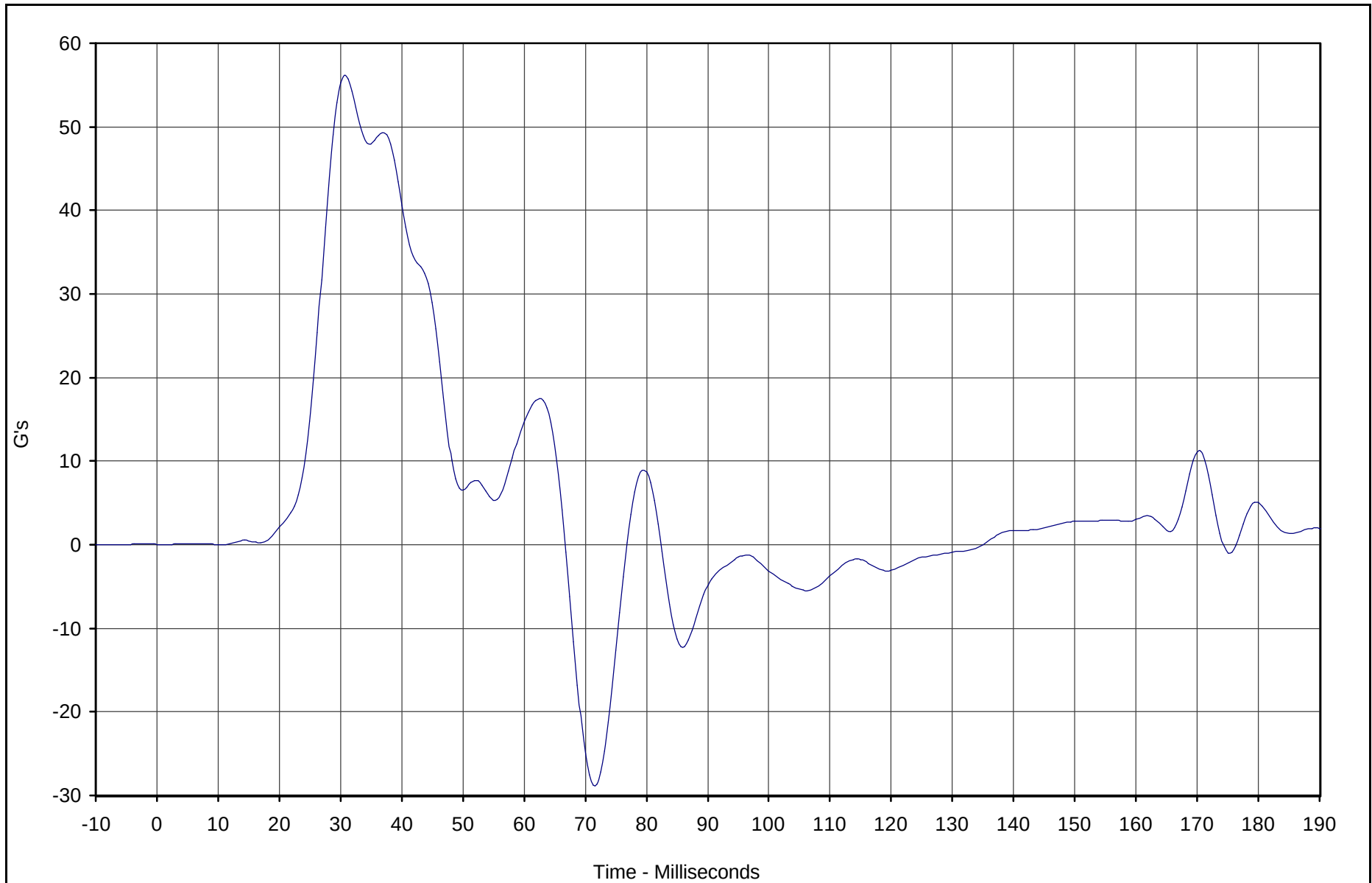


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Rib Redundant Y	017	FIR	G's	56.1	30.6	-28.8	71.3	FIR100

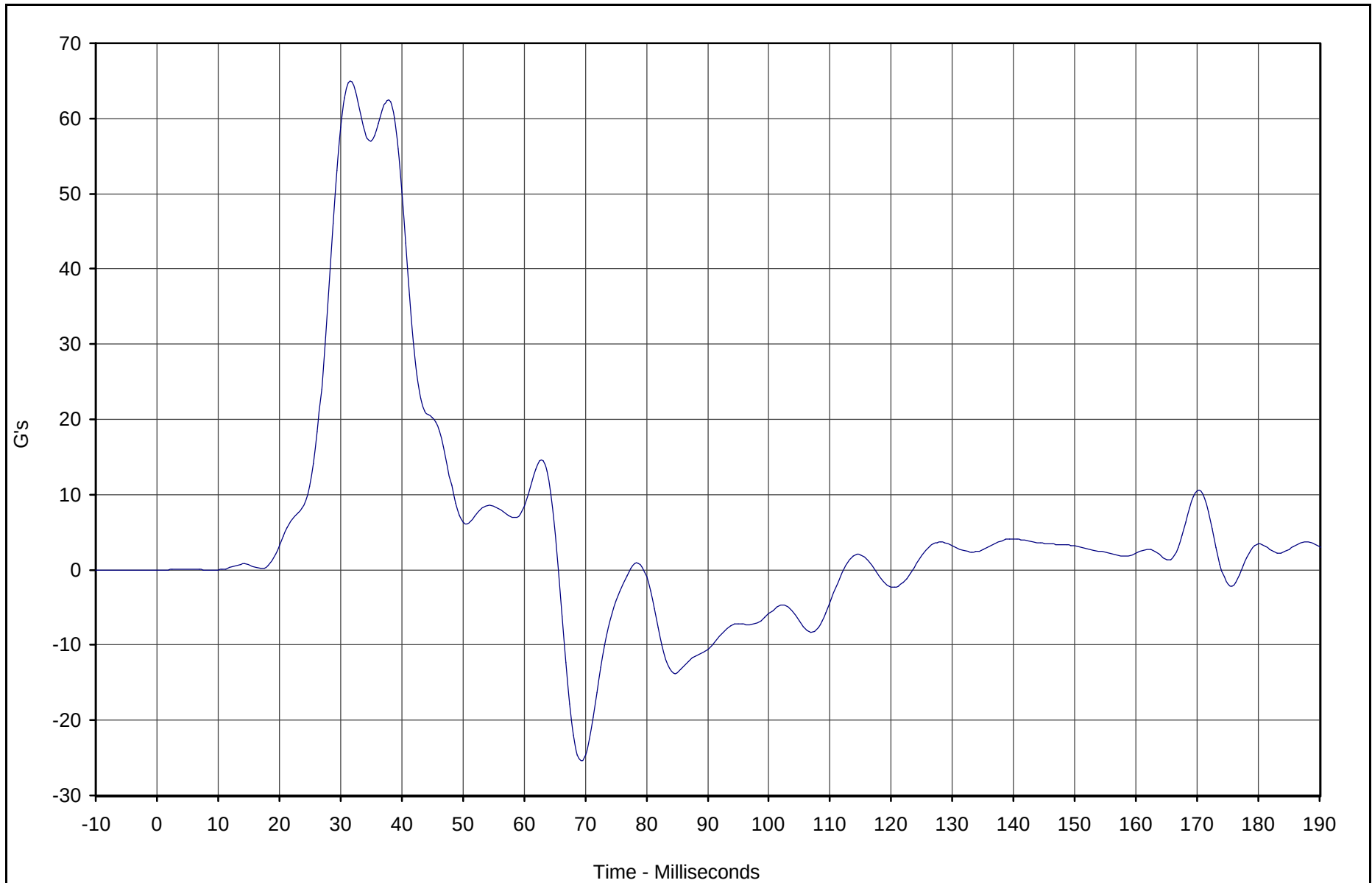


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Rib Redundant Y	018	FIR	G's	64.8	31.9	-25.4	69.4	FIR100

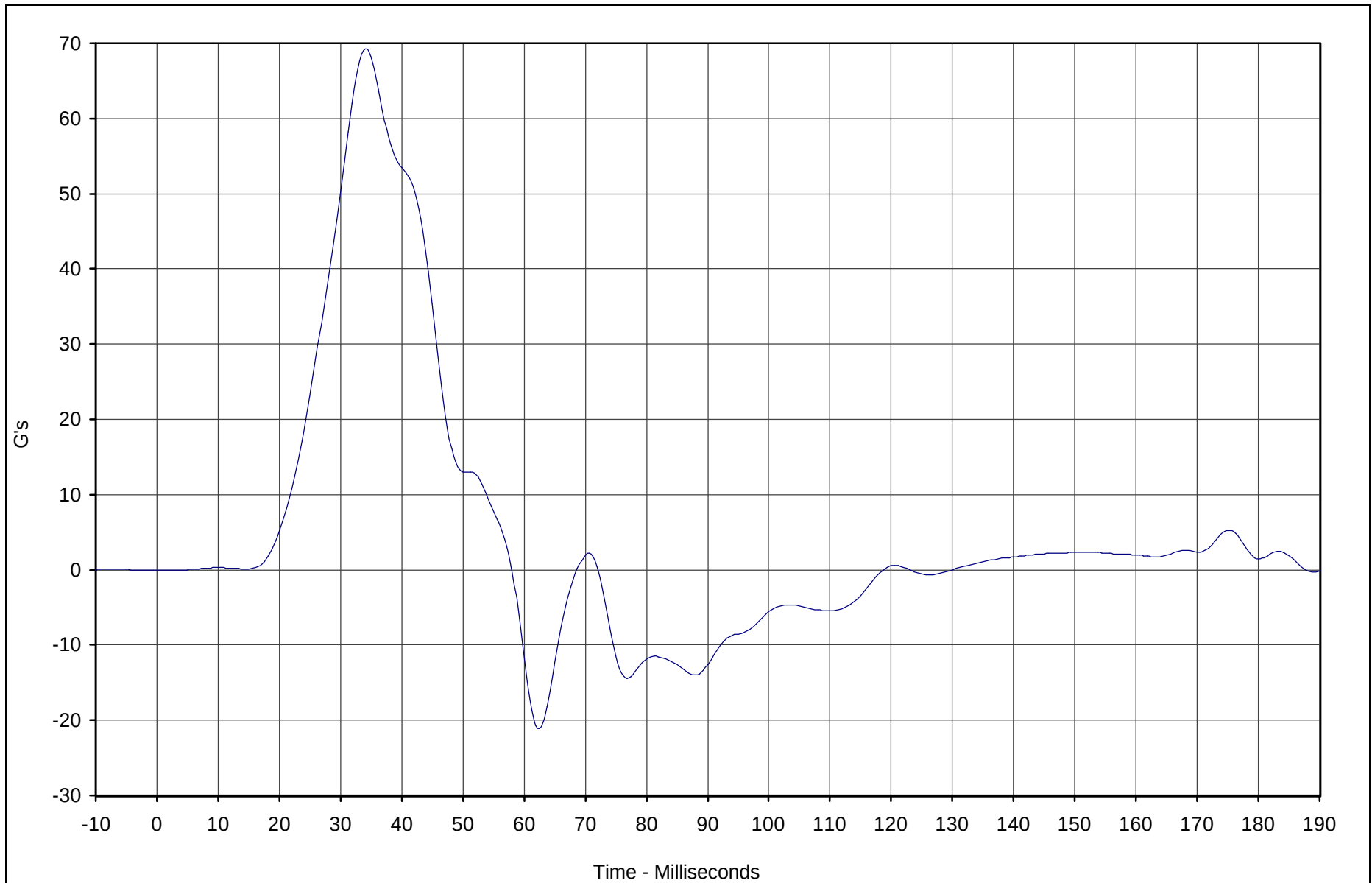


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Lower Spine Redundant Y	019	FIR	G's	69.2	34.4	-21.2	62.5	FIR100

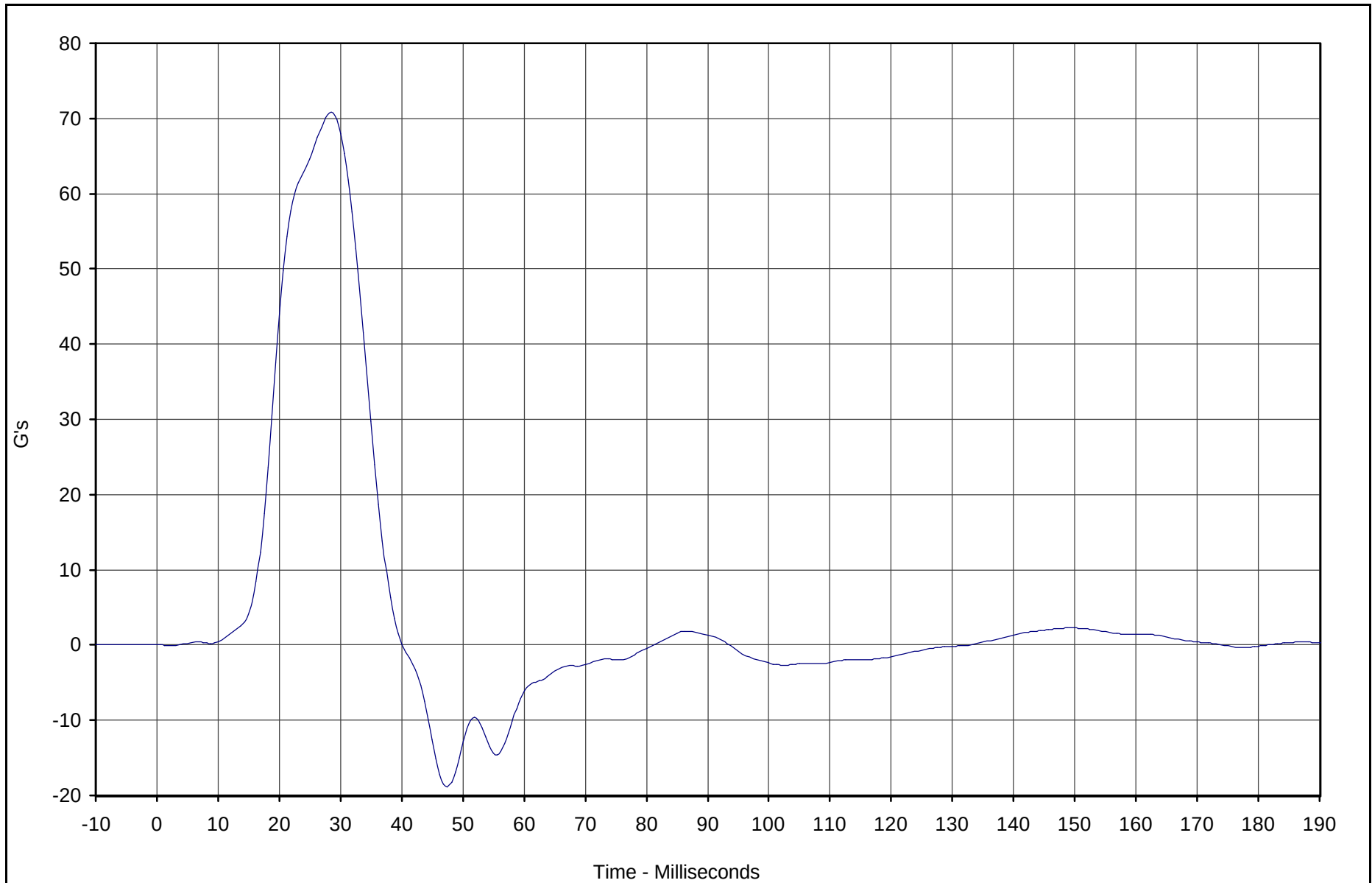


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Pelvis Redundant Y	020	FIR	G's	70.7	28.1	-18.9	47.5	FIR100

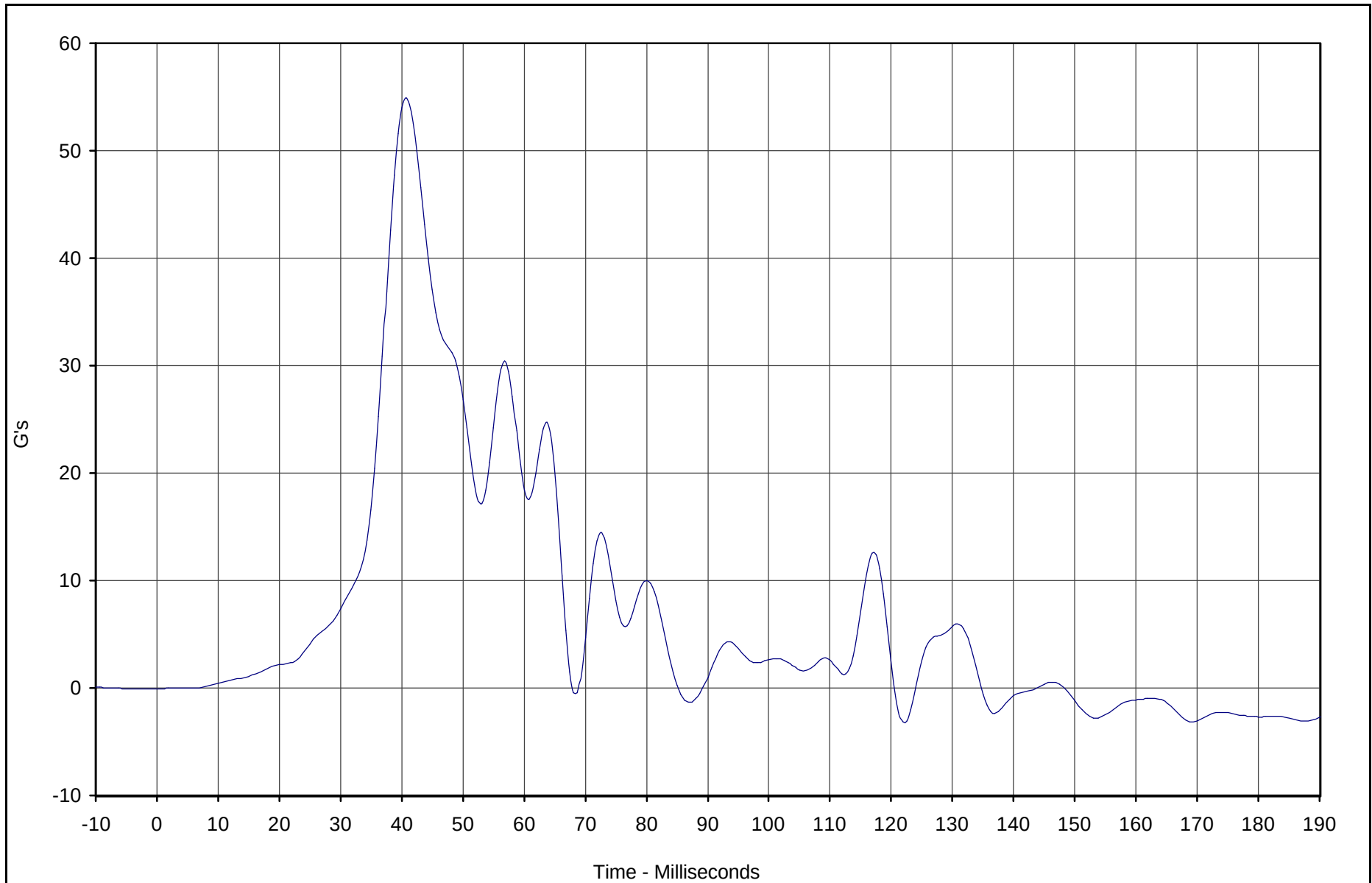


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Upper Rib Primary Y	035	FIR	G's	54.9	40.6	-3.2	121.9	FIR100

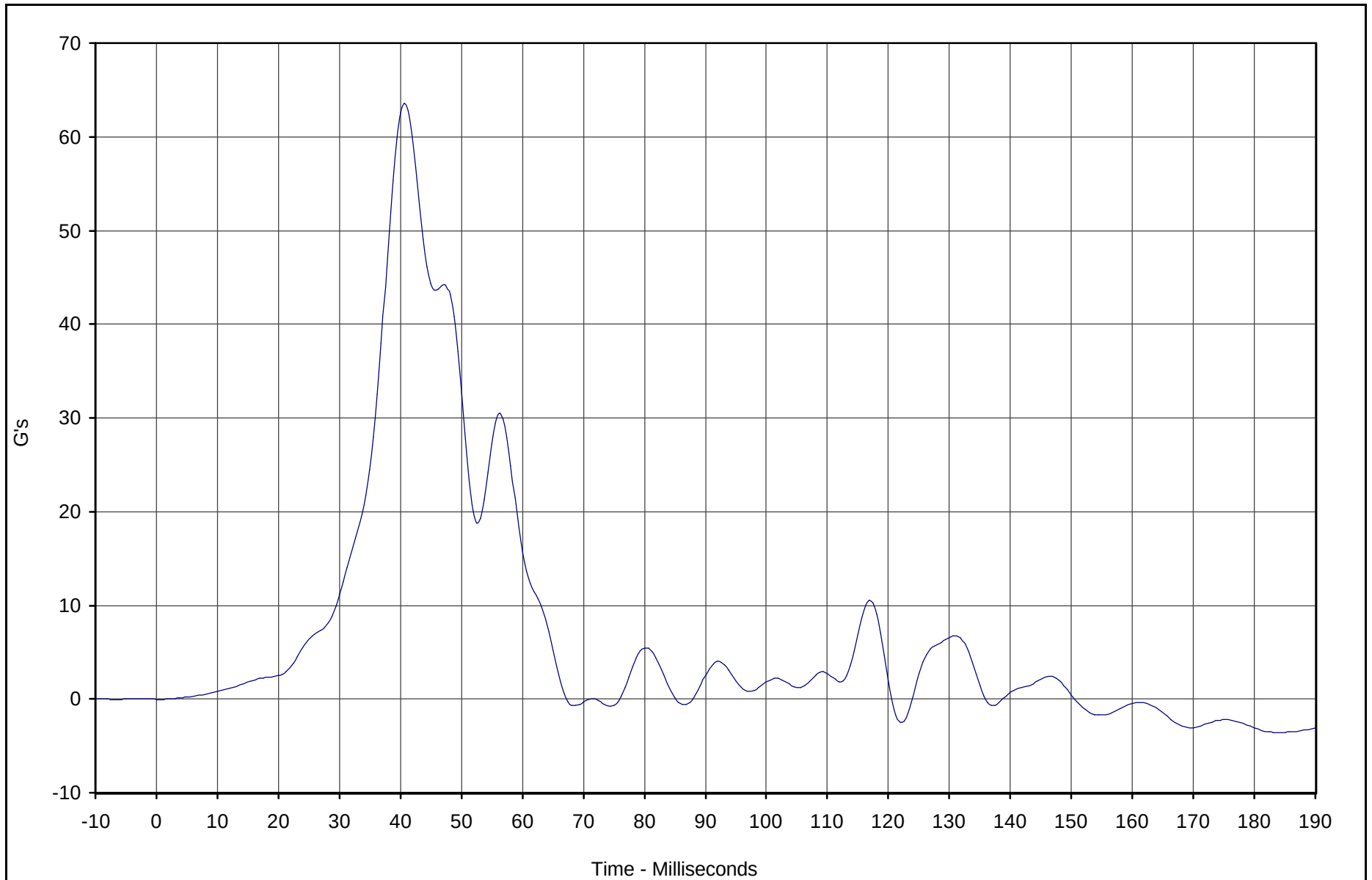


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Rib Primary Y	036	FIR	G's	63.6	40.6	-3.6	183.8	FIR100

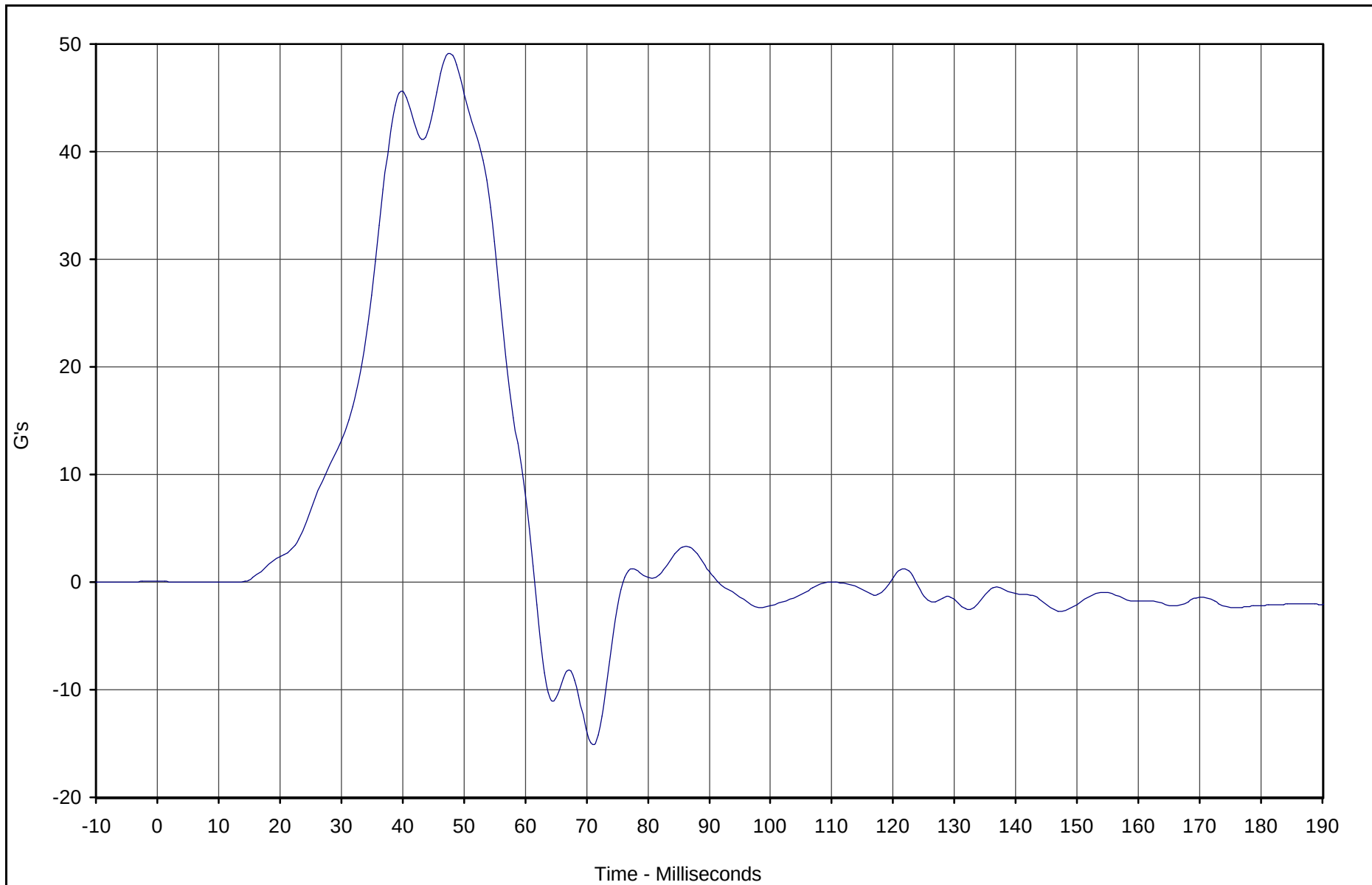


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Spine Primary Y	037	FIR	G's	49.1	47.5	-15.1	71.3	FIR100

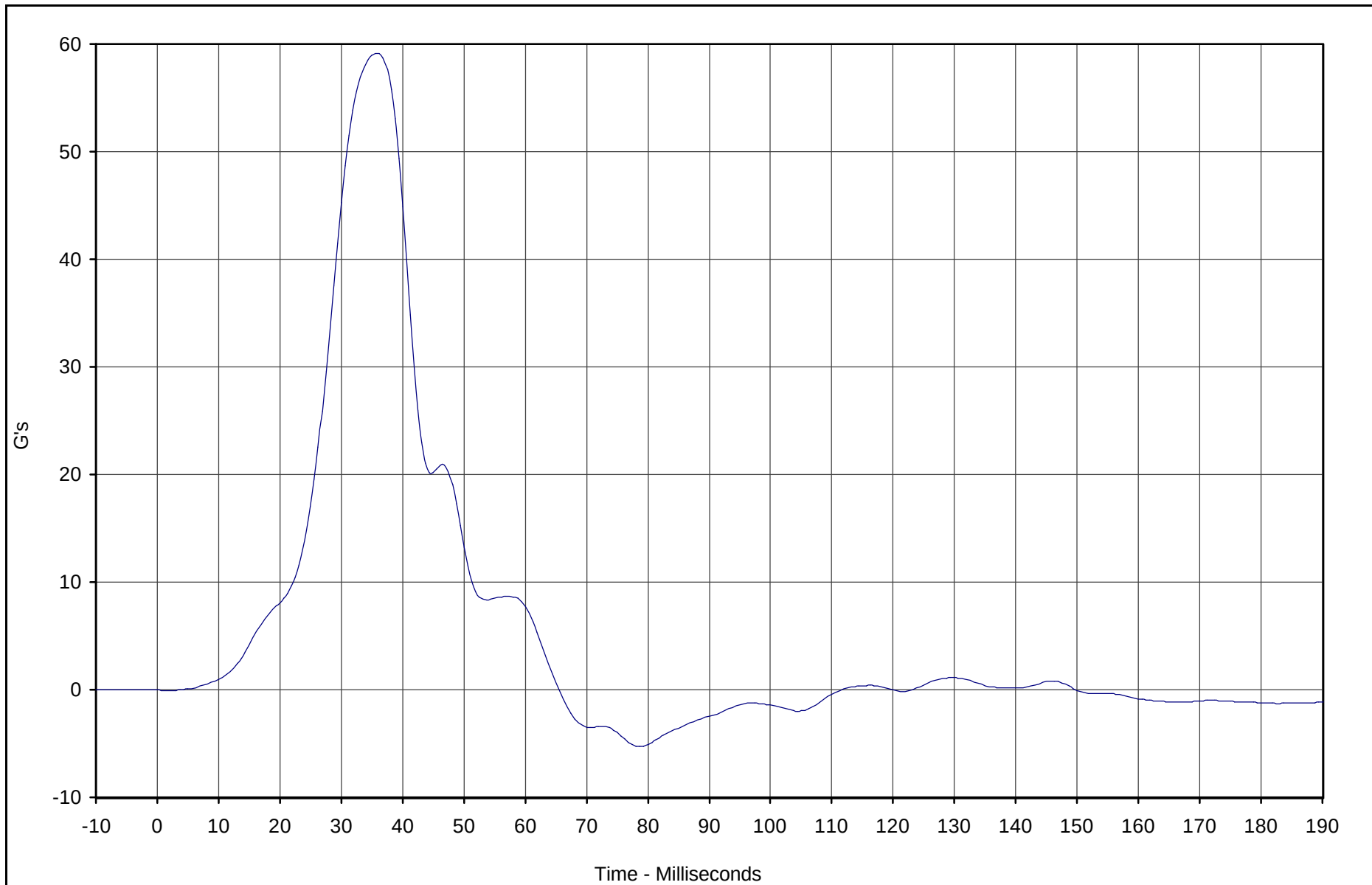


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Pelvis Primary Y	038	FIR	G's	59.1	35.6	-5.3	78.8	FIR100

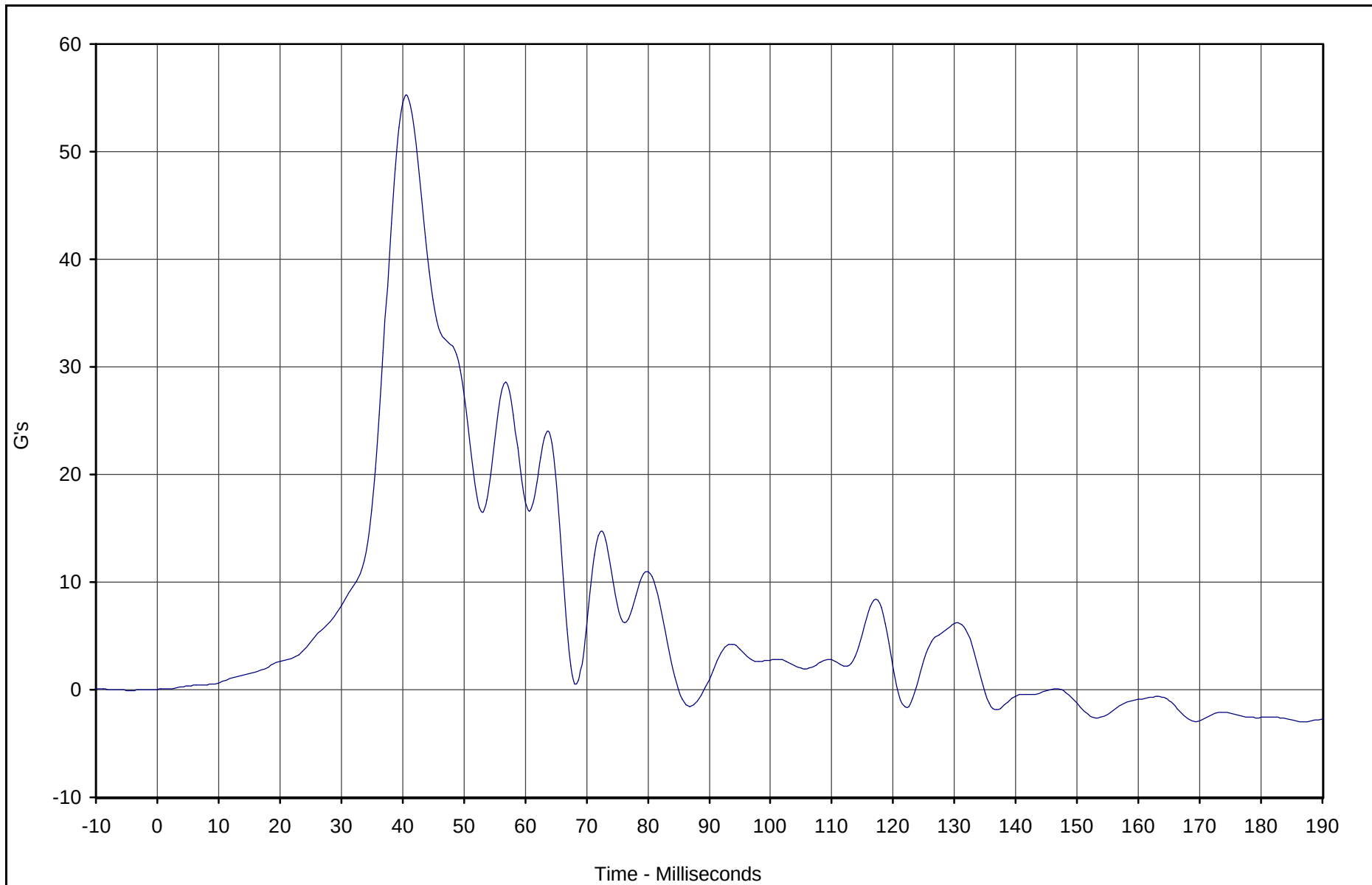


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Upper Rib Redundant Y	039	FIR	G's	55.2	40.6	-3.0	186.9	FIR100

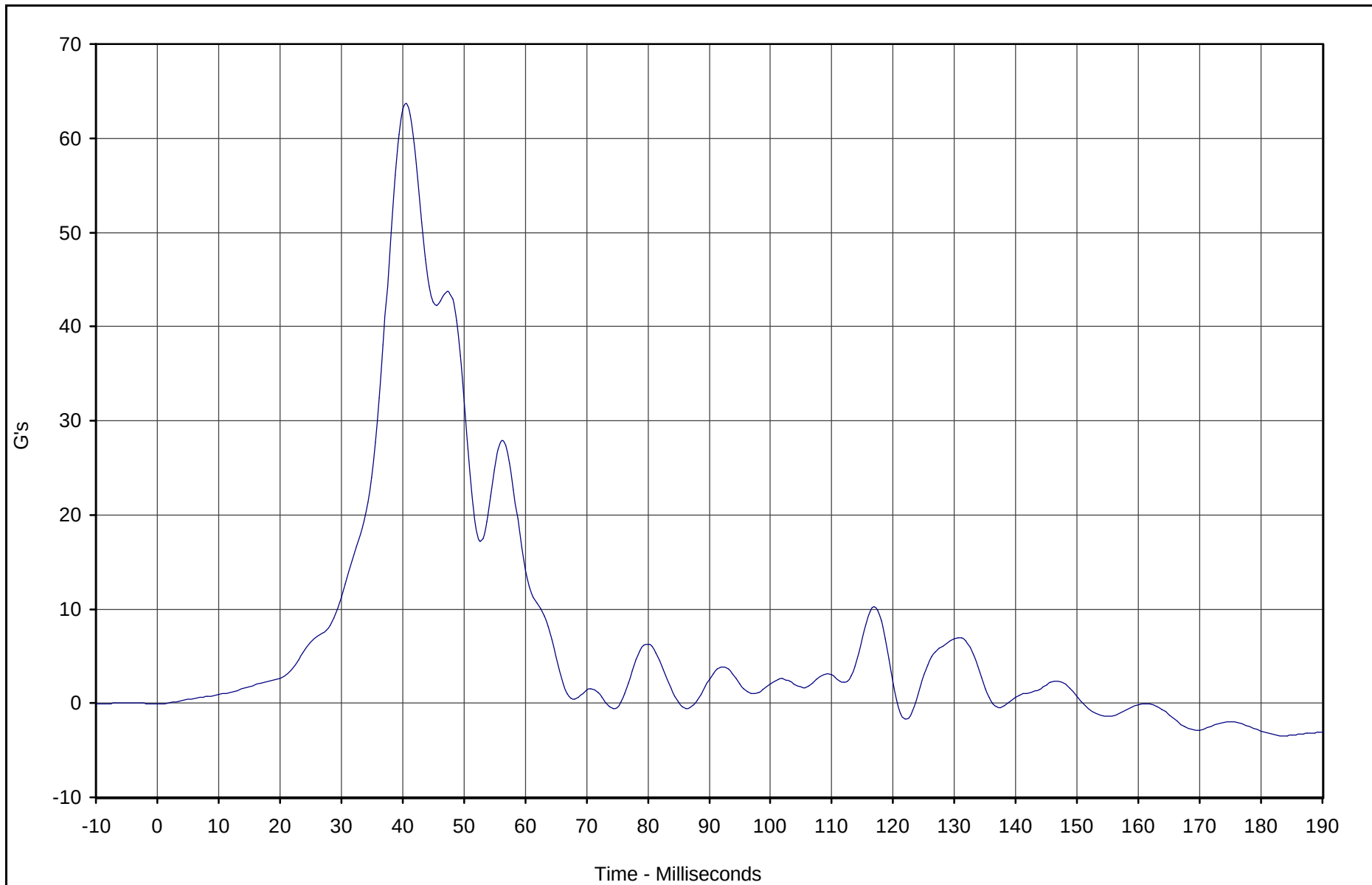


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Rib Redundant Y	040	FIR	G's	63.7	40.6	-3.5	183.8	FIR100

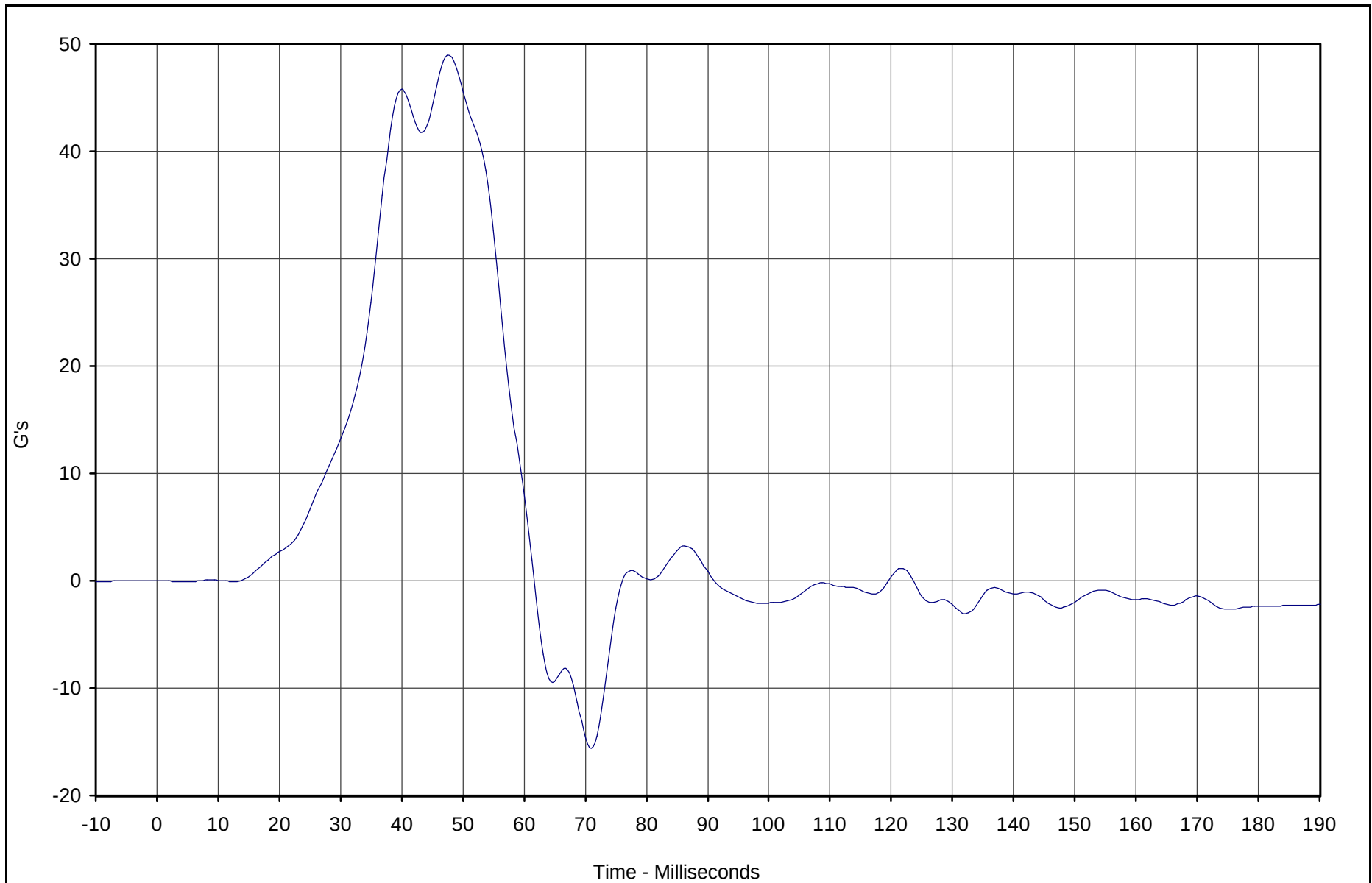


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Lower Spine Redundant Y	041	FIR	G's	49.0	47.5	-15.5	70.6	FIR100

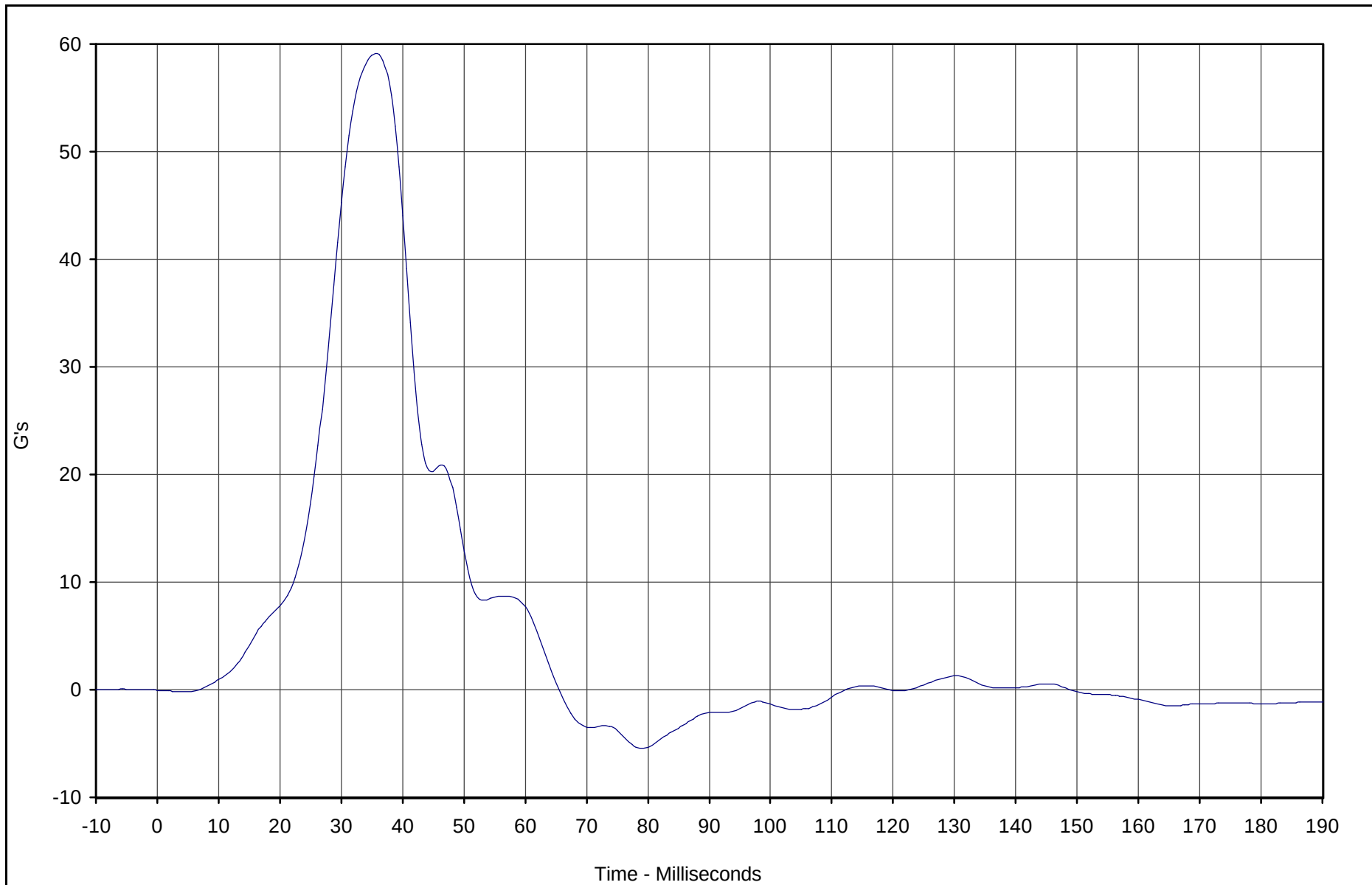


Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pass. Pelvis Redundant Y	042	FIR	G's	59.1	35.6	-5.4	78.8	FIR100



Test Vehicle: 2003 Honda Accord LX 4 Door Sedan

Test Date: 9/19/03

Test Program: 55/28 km/h Side Impact NCAP

NHTSA No.: M35309

APPENDIX C

SID/HIII CONFIGURATION AND PERFORMANCE VERIFICATION DATA

APPENDIX C
PRE-TEST SID / HIII CONFIGURATION AND PERFORMANCE VERIFICATION DATA



Calibration Data Sheet Side Impact Hybrid Dummy (SID/HIII) External Measurements

ATD Serial No.: 274

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
SH- Seated Height	mm	889 to 909	895	Pass
HP- Hip Point Height	mm	99 (reference)	99	Pass
RH- Rib Height	mm	502 to 520	515	Pass
KH- Knee Pivot From Back Line	mm	511 to 526	520	Pass
KV- Knee Pivot From Floor	mm	490 to 505	495	Pass
HW- Hip Width	mm	356 to 391	365	Pass
Overall Test Results				Pass

C-1

TR-P23003-07-NC

Laboratory Technician

September 12, 2003

Test Date



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Thorax Lateral Impact

ATD Serial No.: 274

Test I.D.: TH10A

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.27	Pass
Upper Rib Acceleration	G's	37.0 to 46.0	40.7	Pass
Lower Rib Acceleration	G's	37.0 to 46.0	42.4	Pass
Thoracic Spine Acceleration	G's	15.0 to 22.0	16.3	Pass
Overall Test Results				Pass

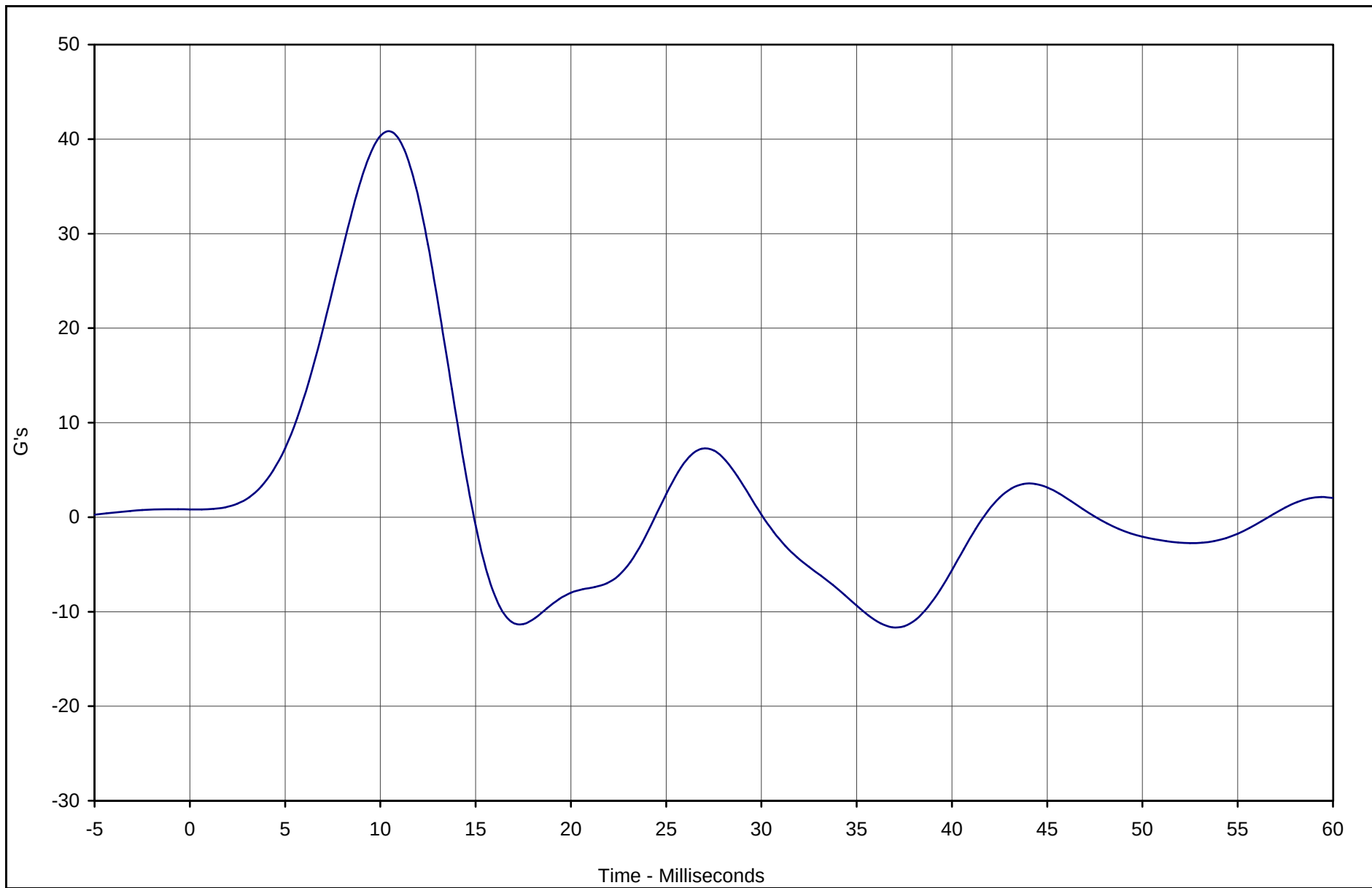
C-2

TR-P23003-07-NC

Laboratory Technician

September 11, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Upper Rib Y Acceleration	001	FIL	G's	40.7	10.6	-11.7	36.9	FIR100

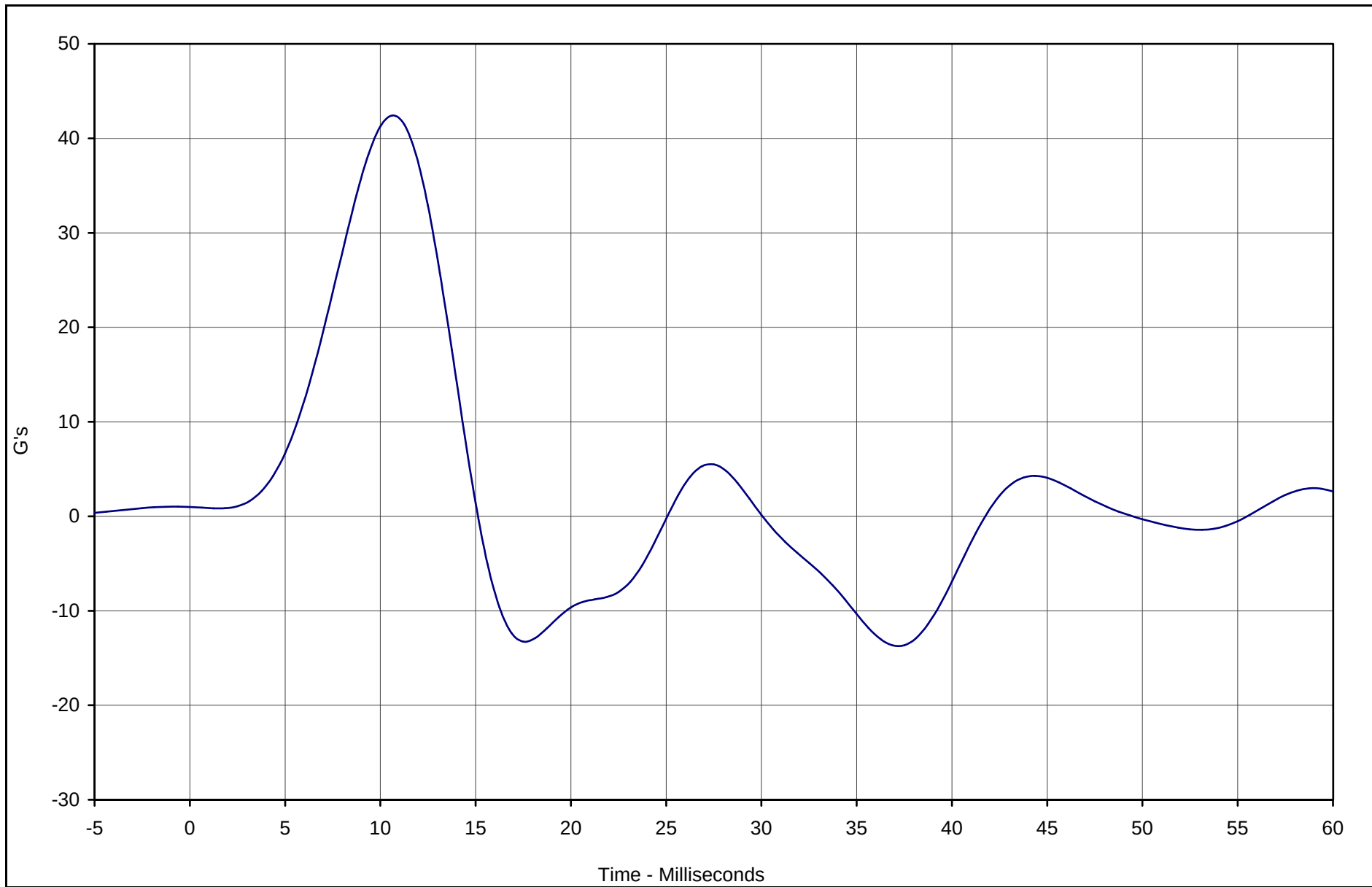


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 274

Test Date: 9/11/03

Test I.D.: TH10A



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Rib Y Acceleration	002	FIL	G's	42.4	10.6	-13.7	36.9	FIR100

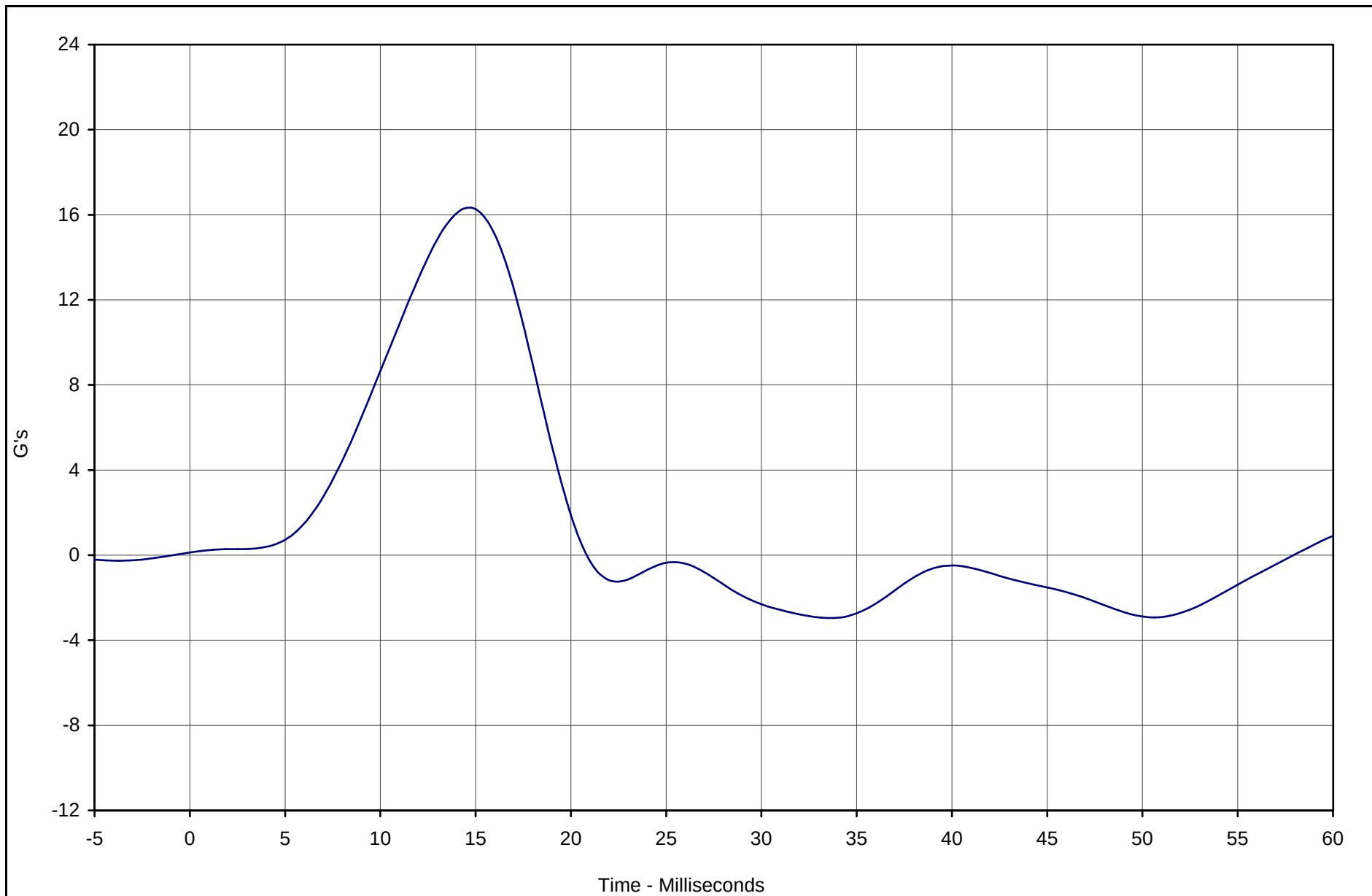


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 274

Test Date: 9/11/03

Test I.D.: TH10A



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Spine Y Acceleration	003	FIL	G's	16.3	14.4	-3.0	33.8	FIR100



Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 274

Test Date: 9/11/03

Test I.D.: TH10A



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Pelvis Lateral Impact

ATD Serial No.: 274

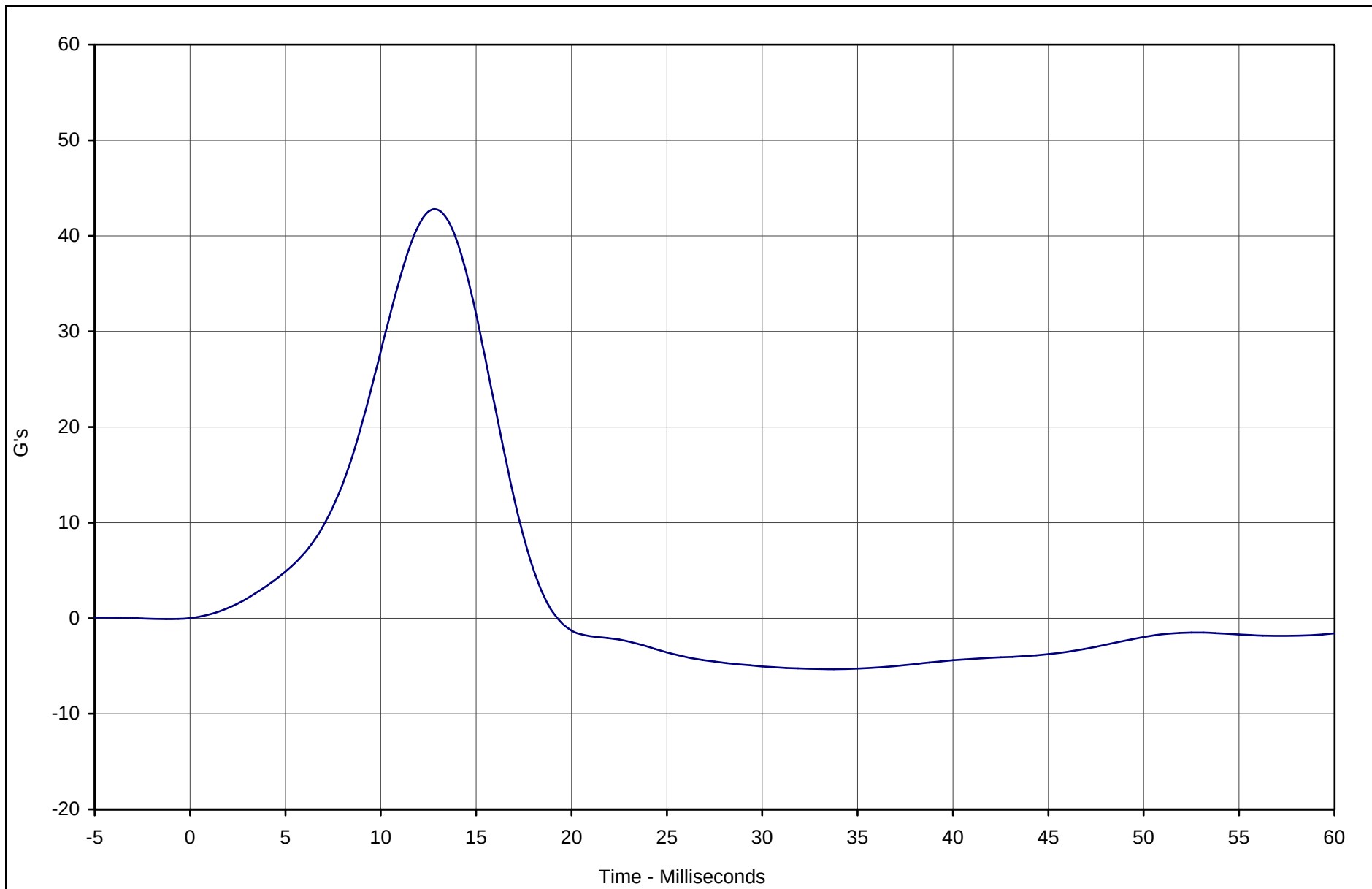
Test I.D.: PE10A

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.24	Pass
Peak Pelvis Acceleration	G's	40.0 to 60.0	42.6	Pass
Acceleration Time Above 20 G's	Msec.	3.0 to 7.0	6.9	Pass
Overall Test Results				Pass

Laboratory Technician

September 11, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pelvis Y Acceleration	001	FIL	G's	42.6	13.1	-5.3	33.8	FIR100



Test Vehicle: Side Impact Dummy (SID) Pelvis Lateral Impact

SID Serial No.: 274

Test Date: 9/11/03

Test I.D.: PE10A



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Head Drop Lateral Impact Test

ATD Serial No.: 274

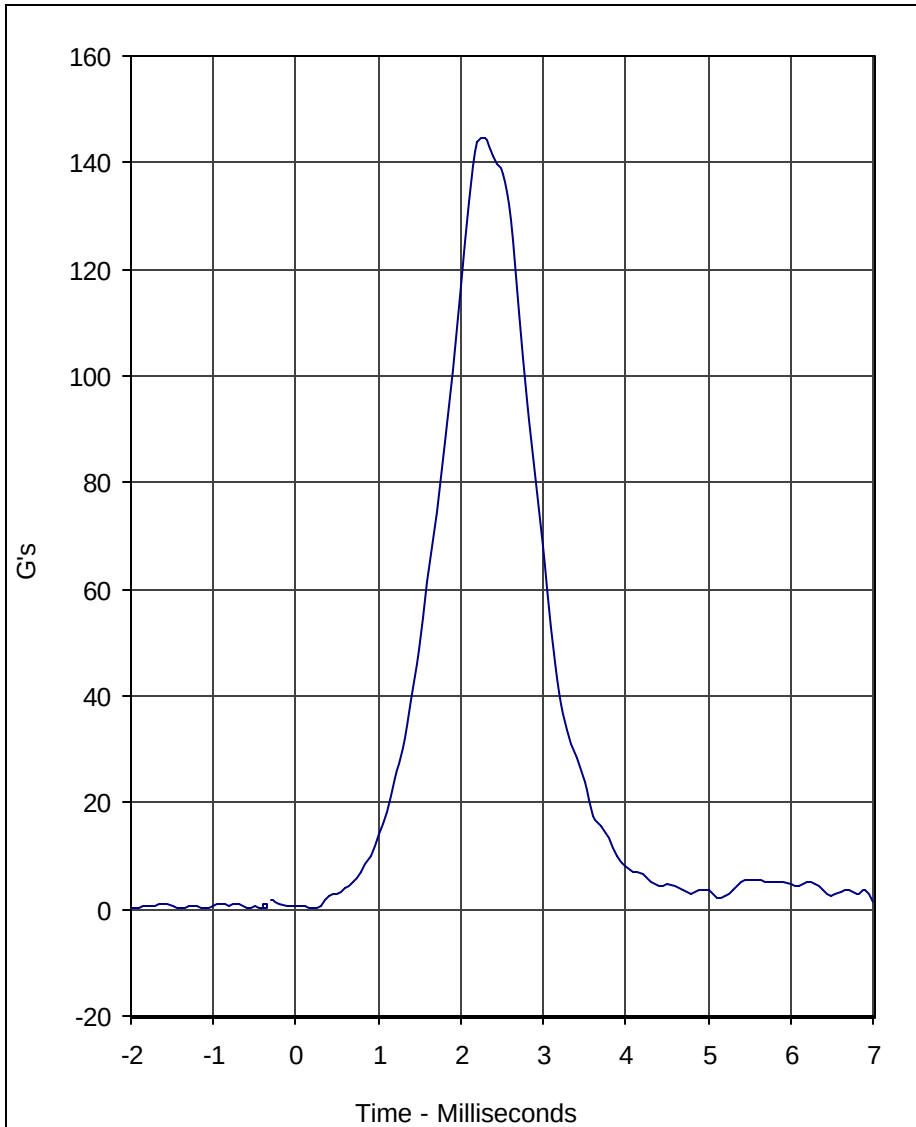
Test I.D.: HD10A

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Peak Resultant Acceleration	G's	120.0 to 150.0	144.6	Pass
Peak Longitudinal Acceleration	G's	≤15.0	7.5	Pass
Is Acceleration Unimodal?	Yes/No	Yes	Yes	Pass
Oscillations After Main Pulse	%	<10	3.8	Pass
Overall Test Results				Pass

Laboratory Technician

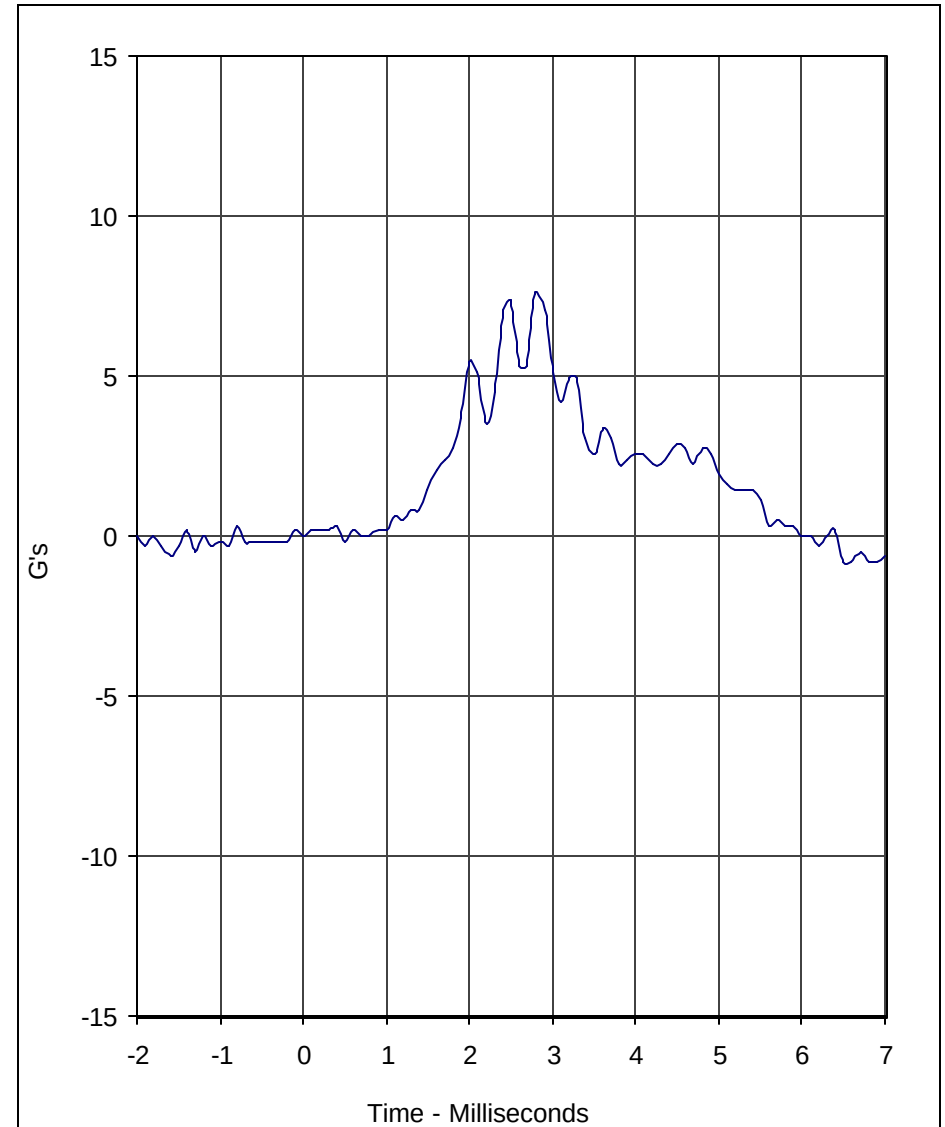
September 12, 2003

Test Date



Curve Description				CURNO	Type
Head Resultant				001	RES
Units	Max	Time	Min	Time	SAE Class
G's	144.6	2.3	0.2	-0.6	1000

Test Program: SID / HIII Head Drop Lateral Impact Test
 Test Date: 9/12/03



Curve Description				CURNO	Type
Head X				002	FIL
Units	Max	Time	Min	Time	SAE Class
G's	7.5	2.8	-0.8	6.5	1000

A.T.D. Serial No.: 274
 Test I.D.: HD10A





Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Neck Pendulum Lateral Test

ATD Serial No.: 274

Test I.D.: NB10A

Tested Parameter		Units	Specification	Result	Pass/Fail
Laboratory Temperature		°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity		%	10 to 70	30	Pass
Pendulum Velocity		m/s	6.89 to 7.13	7.10	Pass
Pendulum Deceleration	10	Msec.	1.96 to 2.55	2.06	Pass
	20	Msec.	4.12 to 5.10	4.47	Pass
	30	Msec.	5.73 to 7.01	6.70	Pass
	40 to 70	Msec.	6.27 to 7.64	7.10	Pass
Maximum "D" Plane Rotation		Degrees	66.0 to 82.0	77.6	Pass
Maximum "D" Plane Rotation Time After Peak Moment		Msec.	2.0 to 15.0	7.5	Pass
"D" Plane Rotation Decay Time From Peak Angle to Zero Angle		Msec.	58.0 to 67.0	59.5	Pass
Calculated Moment About Occipital Condyle		N•m	73.0 to 88.0	76.5	Pass
Moment About Occipital Condyle Decay, Time From Positive Peak Value To 0 N•m		Msec.	49.0 to 64.0	49.7	Pass
Overall Test Results					Pass

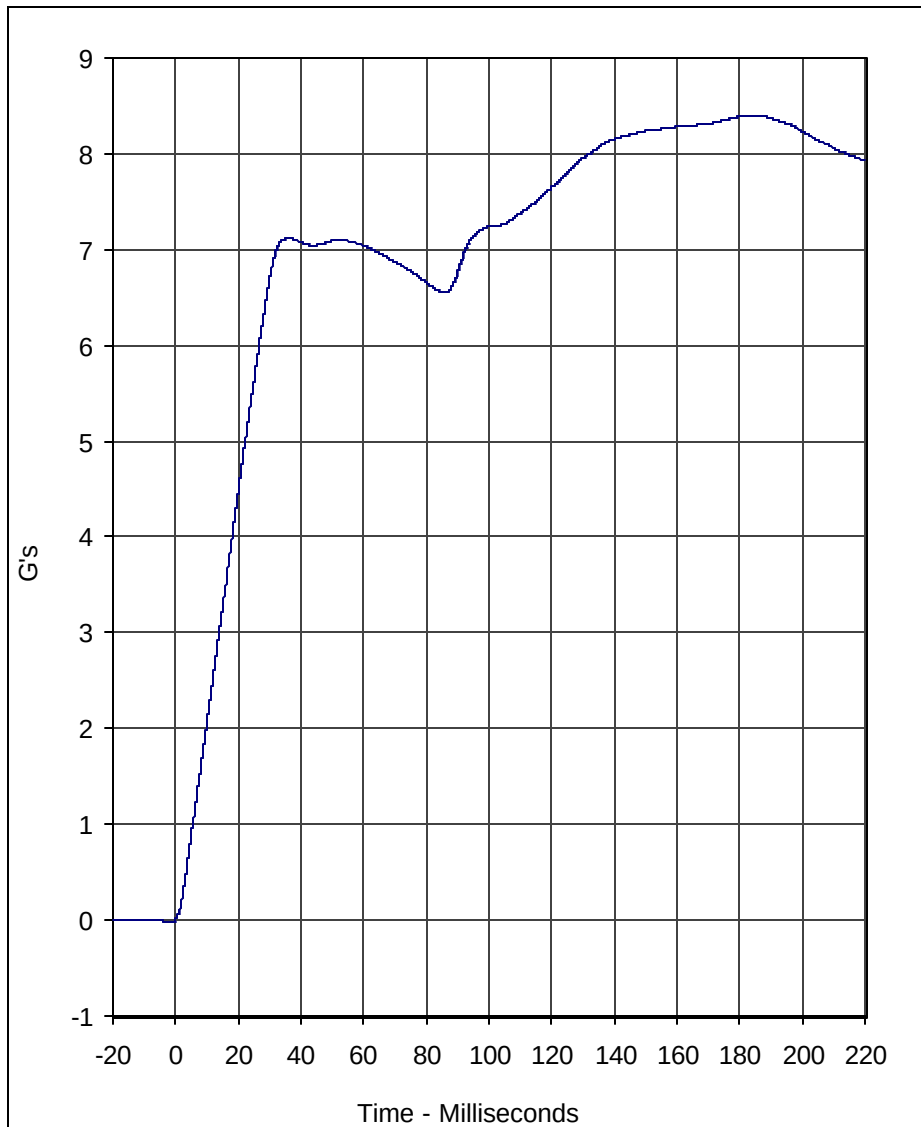
Laboratory Technician

September 12, 2003

Test Date

C-10

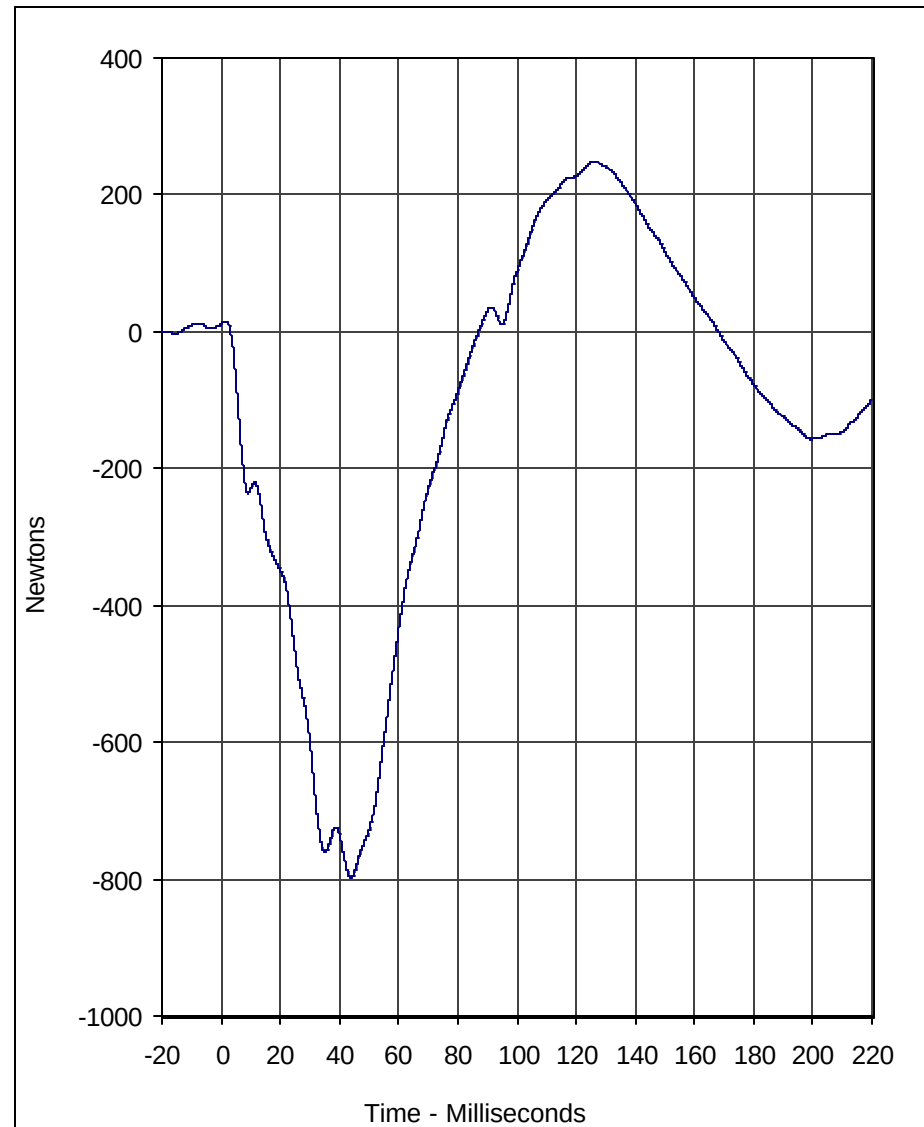
TR-P23003-07-NC



Curve Description				CURNO	Type
Pendulum Velocity				001	FIL
Units	Max	Time	Min	Time	SAE Class
G's	8.4	185.7	0.0	-1.5	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/12/03

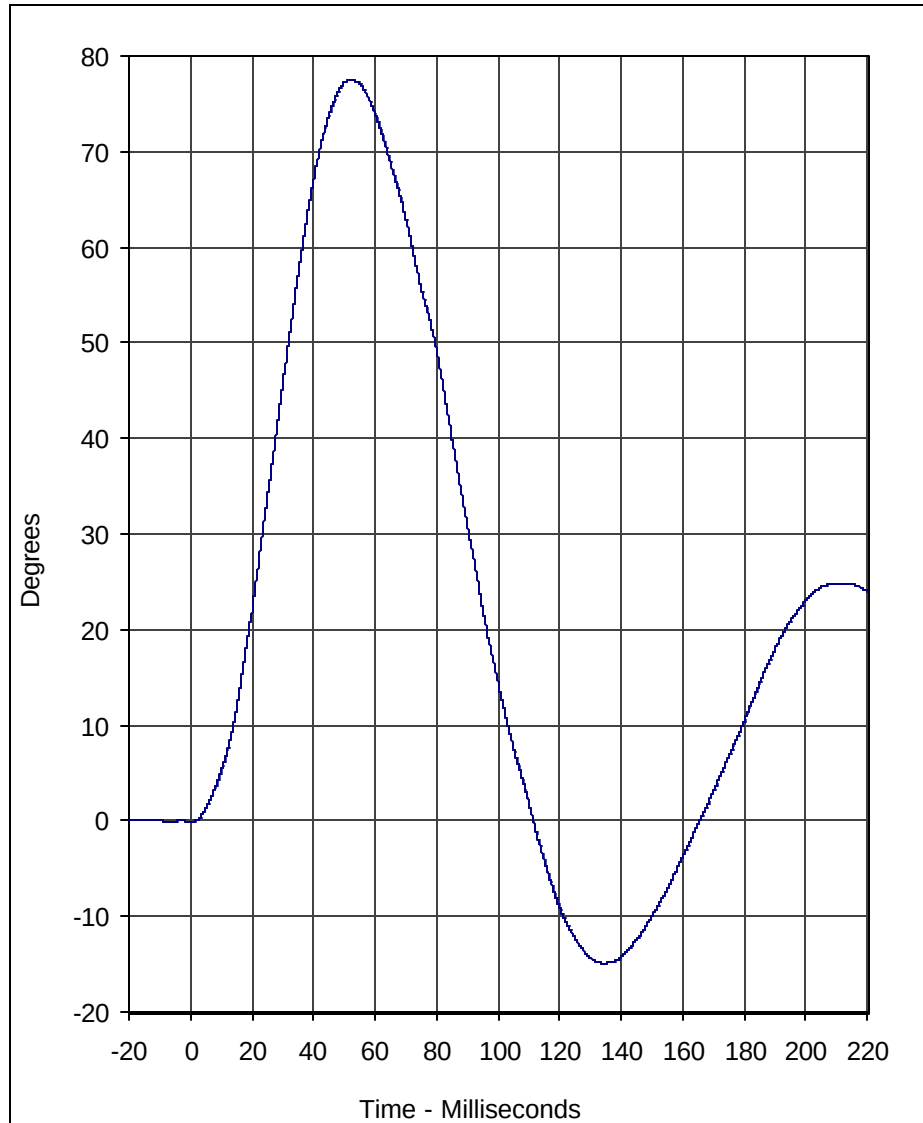


Curve Description				CURNO	Type
Neck Force Y				002	FIL
Units	Max	Time	Min	Time	SAE Class
Newtons	248.8	126.3	-798.6	43.9	60

A.T.D. Serial No.: 274

Test I.D.: NB10A

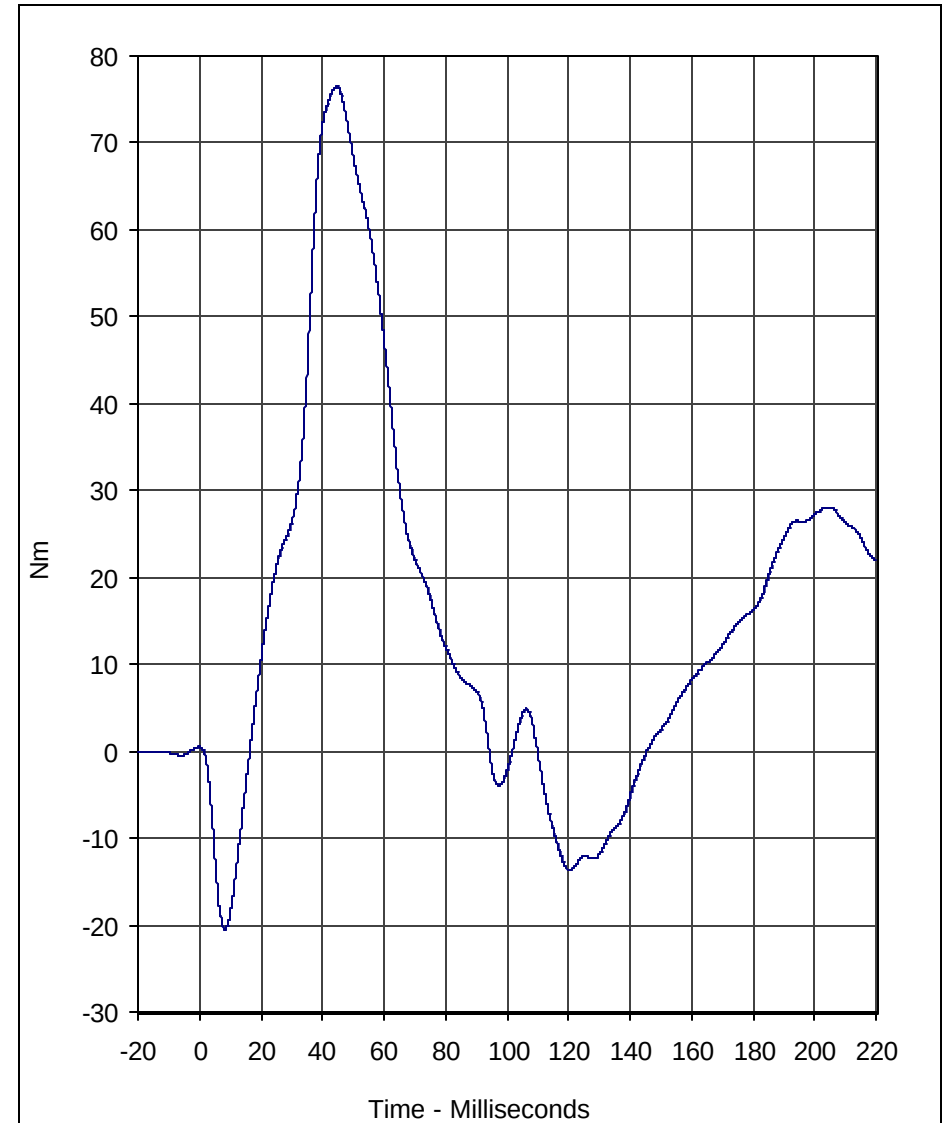




Curve Description				CURNO	Type
"D" Plane Rotation				003	FIL
Units	Max	Time	Min	Time	SAE Class
Degrees	77.6	52.1	-14.9	134.6	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/12/03



Curve Description				CURNO	Type
Moment About Occipital Condyle				004	FIL
Units	Max	Time	Min	Time	SAE Class
Nm	76.5	44.6	-20.5	8.3	60

A.T.D. Serial No.: 274

Test I.D.: NB10A





Calibration Data Sheet Side Impact Hybrid Dummy (SID/HIII) External Measurements

ATD Serial No.: 275

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
SH- Seated Height	mm	889 to 909	900	Pass
HP- Hip Point Height	mm	99 (reference)	99	Pass
RH- Rib Height	mm	502 to 520	510	Pass
KH- Knee Pivot From Back Line	mm	511 to 526	525	Pass
KV- Knee Pivot From Floor	mm	490 to 505	500	Pass
HW- Hip Width	mm	356 to 391	370	Pass
Overall Test Results				Pass

Laboratory Technician

September 12, 2003

Test Date



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Thorax Lateral Impact

ATD Serial No.: 275

Test I.D.: TH10B

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.24	Pass
Upper Rib Acceleration	G's	37.0 to 46.0	43.8	Pass
Lower Rib Acceleration	G's	37.0 to 46.0	42.7	Pass
Thoracic Spine Acceleration	G's	15.0 to 22.0	18.9	Pass
Overall Test Results				Pass

C-14

TR-P23003-07-NC

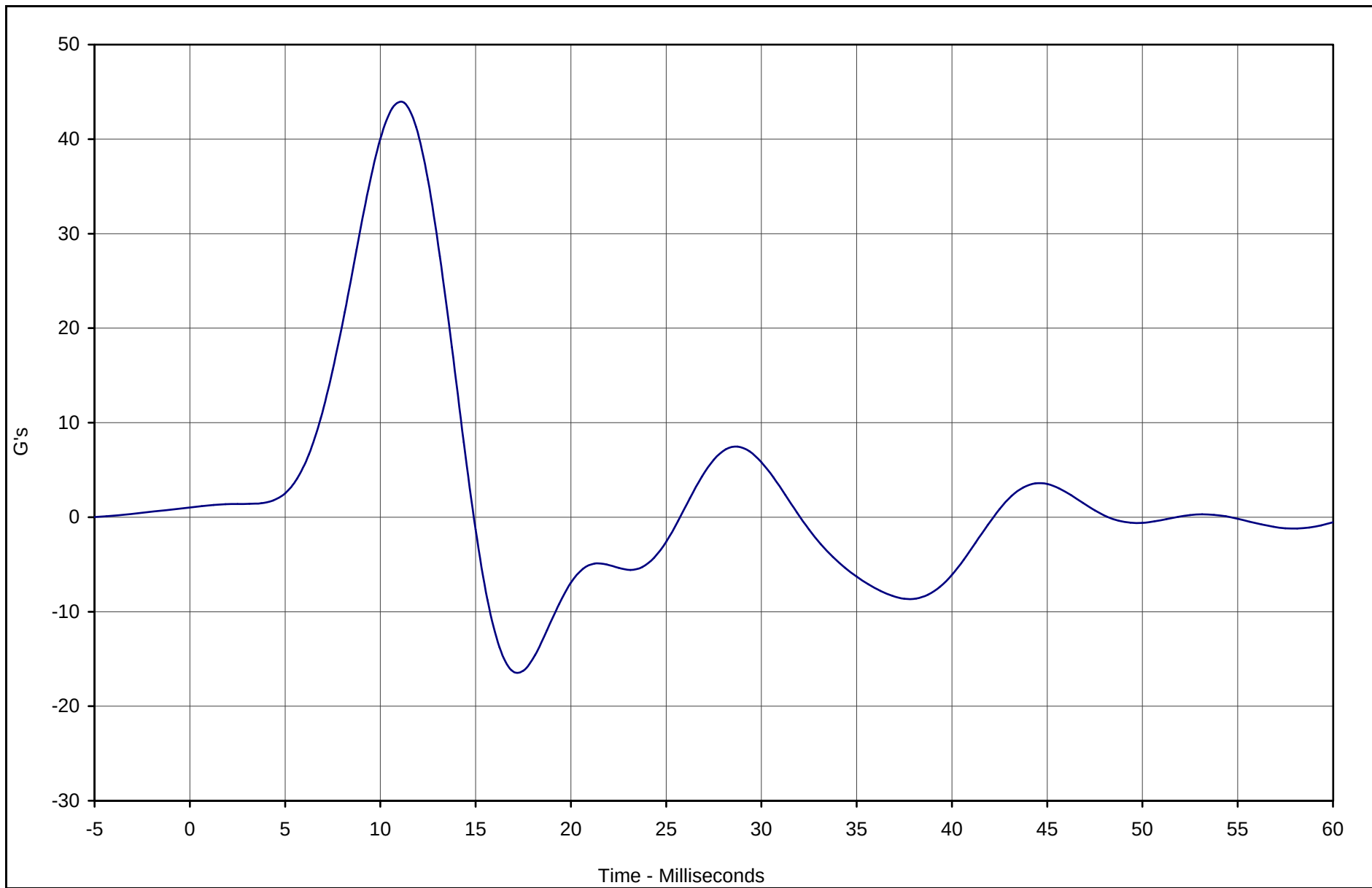
Laboratory Technician

September 11, 2003

Test Date

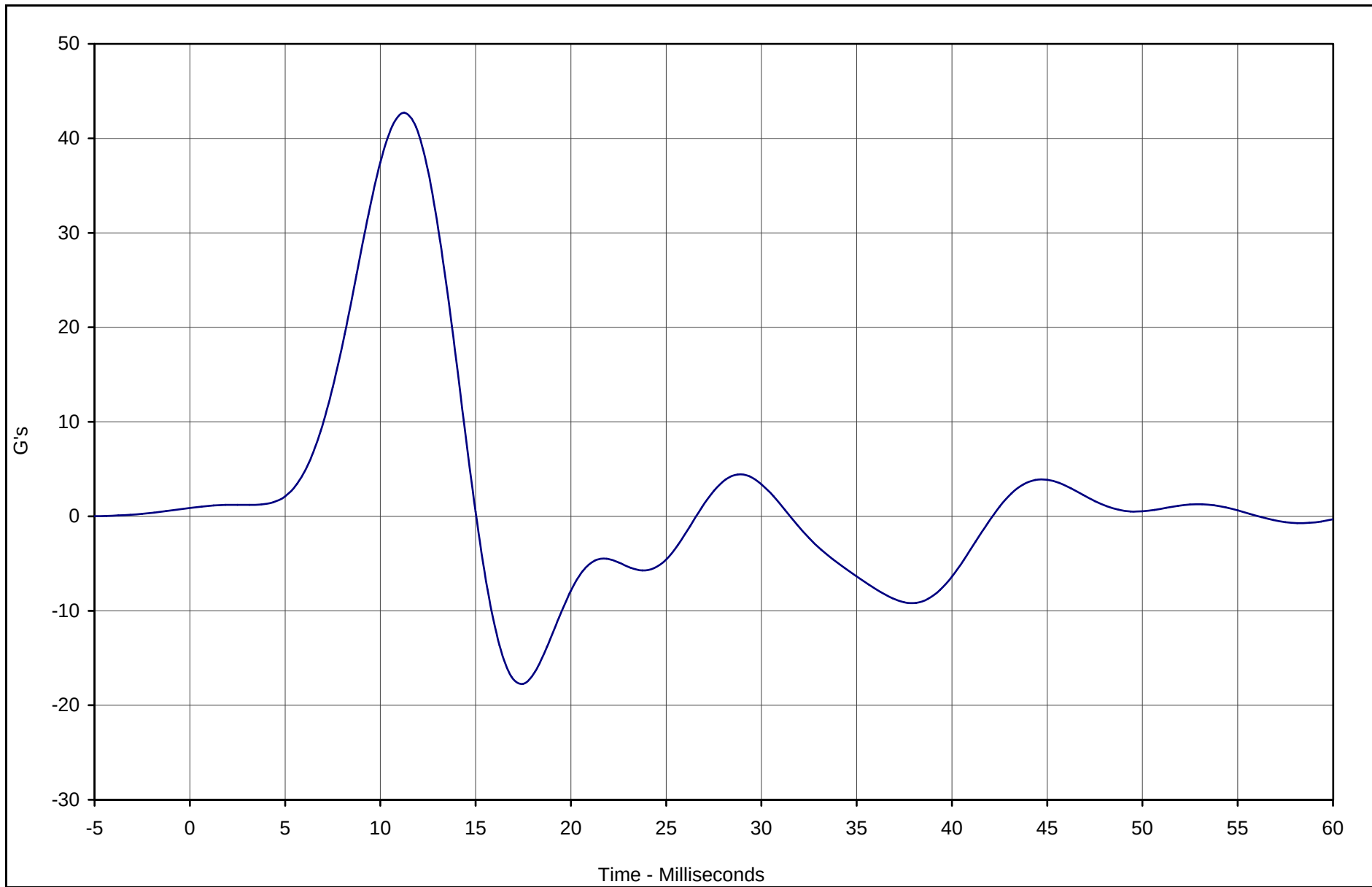
C-15

TR-P23003-07-NC



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Upper Rib Y Acceleration	001	FIL	G's	43.8	11.3	-16.3	17.5	FIR100

Test Vehicle: SID / HIII Thorax Lateral ImpactSID Serial No.: 275Test Date: 9/11/03Test I.D.: TH10B



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Rib Y Acceleration	002	FIL	G's	42.7	11.3	-17.7	17.5	FIR100

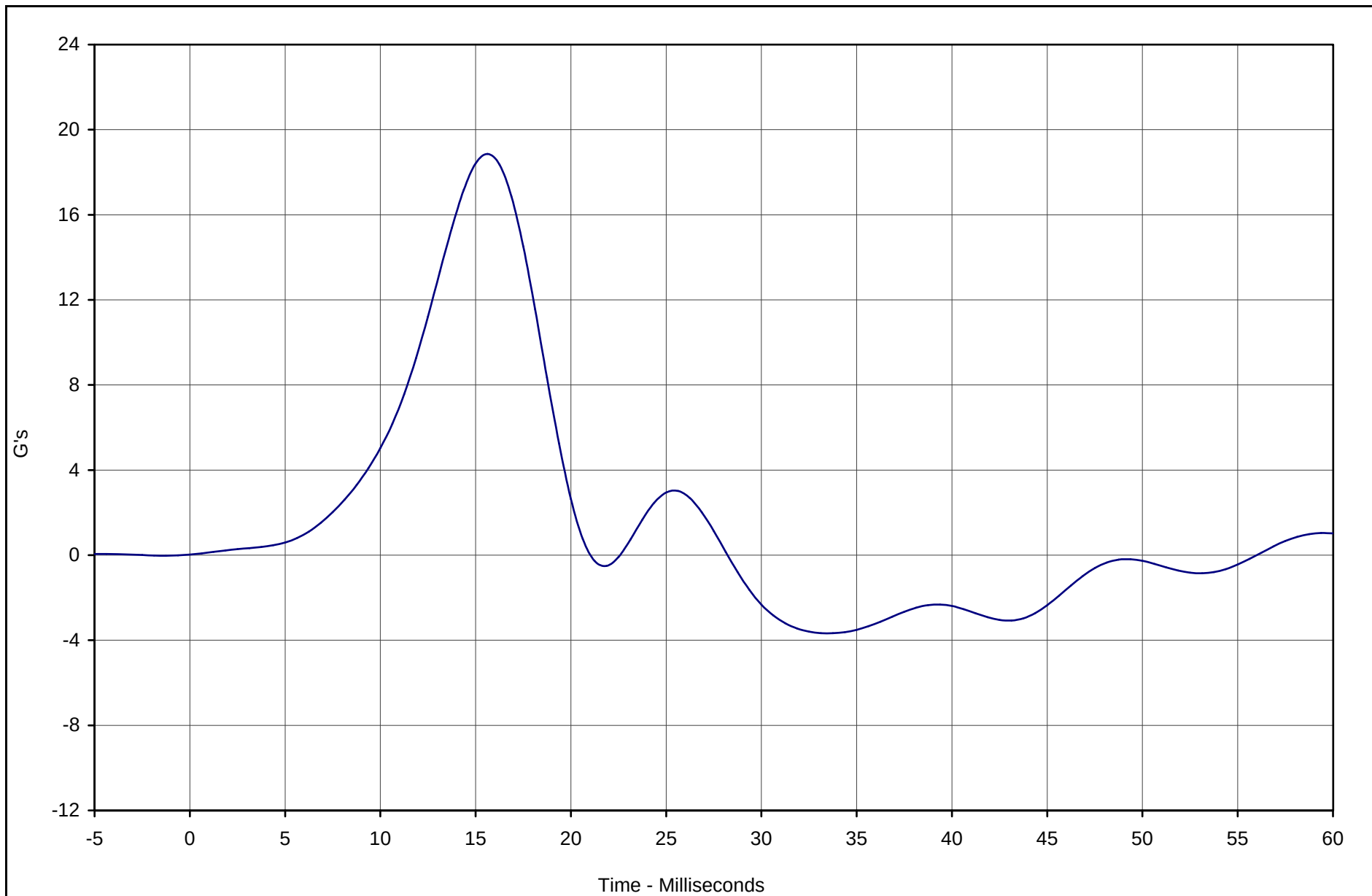


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 275

Test Date: 9/11/03

Test I.D.: TH10B



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Spine Y Acceleration	003	FIL	G's	18.9	15.6	-3.7	33.8	FIR100



Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 275

Test Date: 9/11/03

Test I.D.: TH10B



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Pelvis Lateral Impact

ATD Serial No.: 275

Test I.D.: PE10B

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.30	Pass
Peak Pelvis Acceleration	G's	40.0 to 60.0	45.9	Pass
Acceleration Time Above 20 G's	Msec.	3.0 to 7.0	6.9	Pass
Overall Test Results				Pass

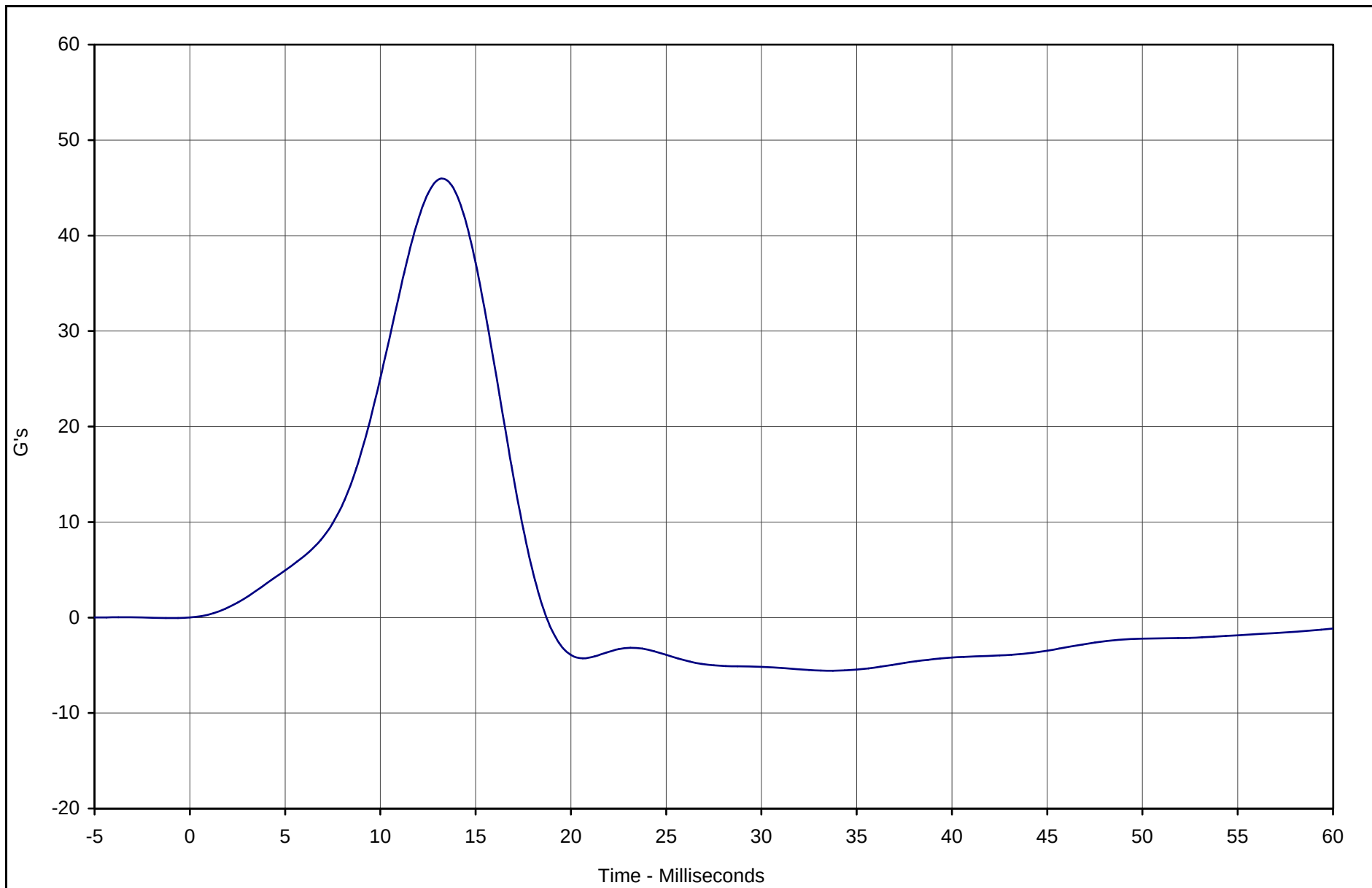
C-18

TR-P23003-07-NC

Laboratory Technician

September 11, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pelvis Y Acceleration	001	FIL	G's	45.9	13.1	-5.6	33.8	FIR100



Test Vehicle: Side Impact Dummy (SID) Pelvis Lateral Impact

SID Serial No.: 275

Test Date: 9/11/03

Test I.D.: PE10B



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Head Drop Lateral Impact Test

ATD Serial No.: 275

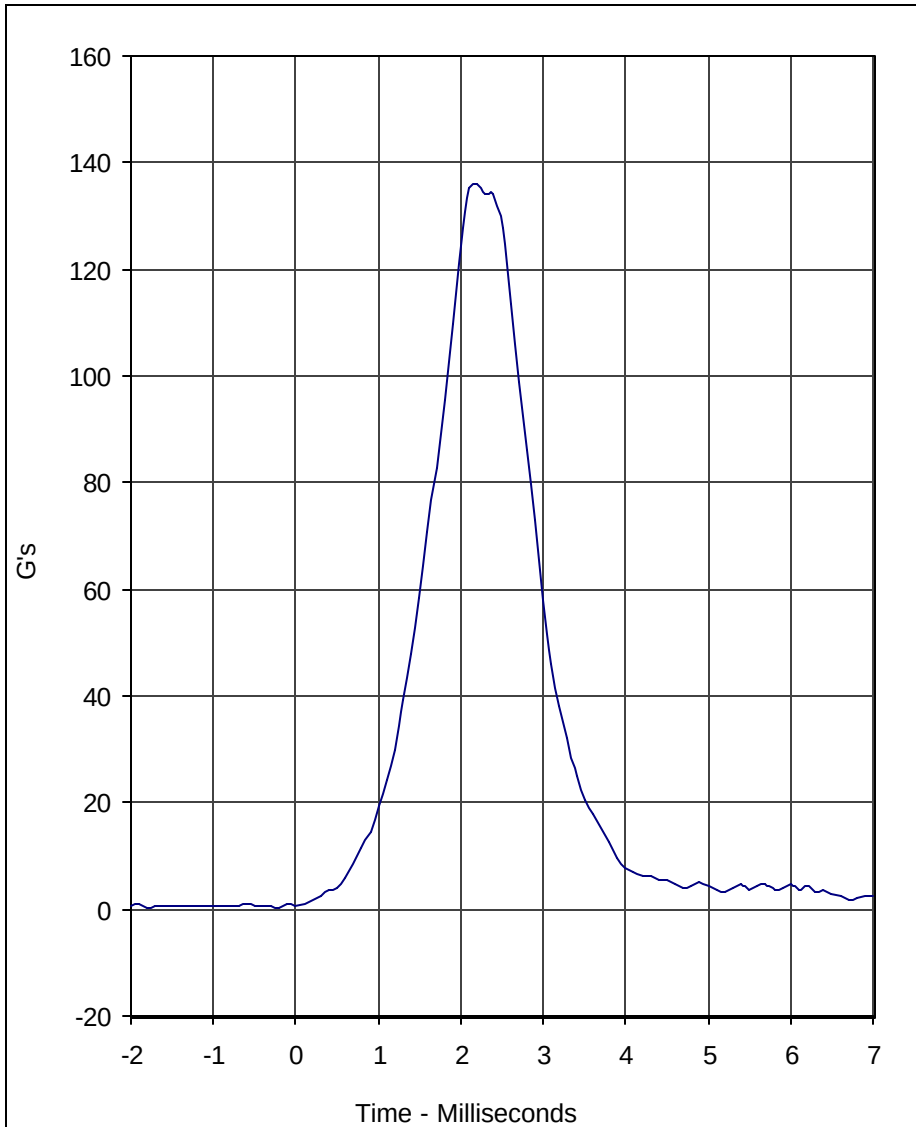
Test I.D.: HD10B

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Peak Resultant Acceleration	G's	120.0 to 150.0	135.9	Pass
Peak Longitudinal Acceleration	G's	≤15.0	10.4	Pass
Is Acceleration Unimodal?	Yes/No	Yes	Yes	Pass
Oscillations After Main Pulse	%	<10	3.6	Pass
Overall Test Results				Pass

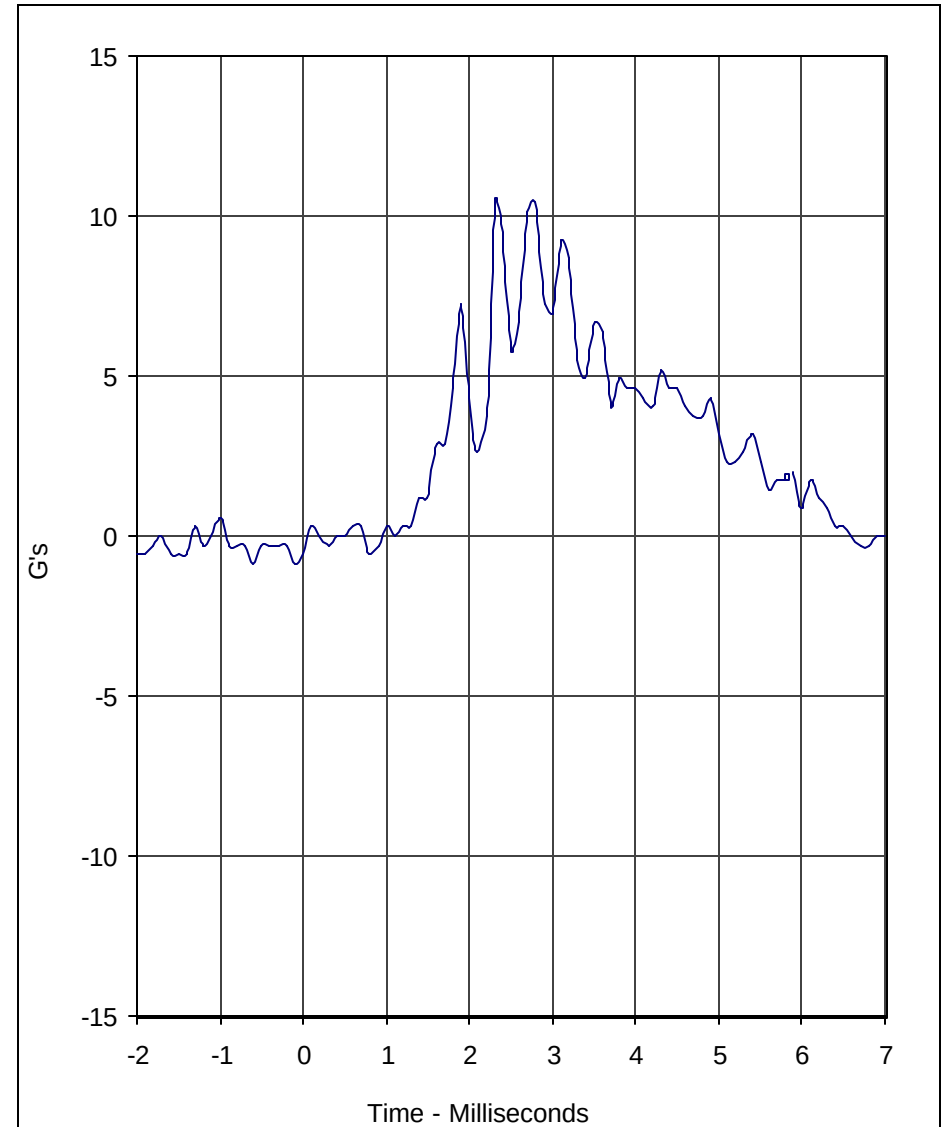
Laboratory Technician

September 12, 2003

Test Date



Curve Description				CURNO	Type
Head Resultant				001	RES
Units	Max	Time	Min	Time	SAE Class
G's	135.9	2.2	0.4	-1.8	1000



Curve Description				CURNO	Type
Head X				002	FIL
Units	Max	Time	Min	Time	SAE Class
G's	10.4	2.3	-0.9	-0.6	1000

Test Program: SID / HIII Head Drop Lateral Impact Test

Test Date: 9/12/03

A.T.D. Serial No.: 275

Test I.D.: HD10B





Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Neck Pendulum Lateral Test

ATD Serial No.: 275

Test I.D.: NB10B

Tested Parameter		Units	Specification	Result	Pass/Fail
Laboratory Temperature		°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity		%	10 to 70	30	Pass
Pendulum Velocity		m/s	6.89 to 7.13	6.95	Pass
Pendulum Deceleration	10	Msec.	1.96 to 2.55	1.97	Pass
	20	Msec.	4.12 to 5.10	4.38	Pass
	30	Msec.	5.73 to 7.01	6.66	Pass
	40 to 70	Msec.	6.27 to 7.64	7.18	Pass
Maximum "D" Plane Rotation		Degrees	66.0 to 82.0	77.2	Pass
Maximum "D" Plane Rotation Time After Peak Moment		Msec.	2.0 to 15.0	2.3	Pass
"D" Plane Rotation Decay Time From Peak Angle to Zero Angle		Msec.	58.0 to 67.0	59.5	Pass
Calculated Moment About Occipital Condyle		N•m	73.0 to 88.0	77.7	Pass
Moment About Occipital Condyle Decay, Time From Positive Peak Value To 0 N•m		Msec.	49.0 to 64.0	50.1	Pass
Overall Test Results					Pass

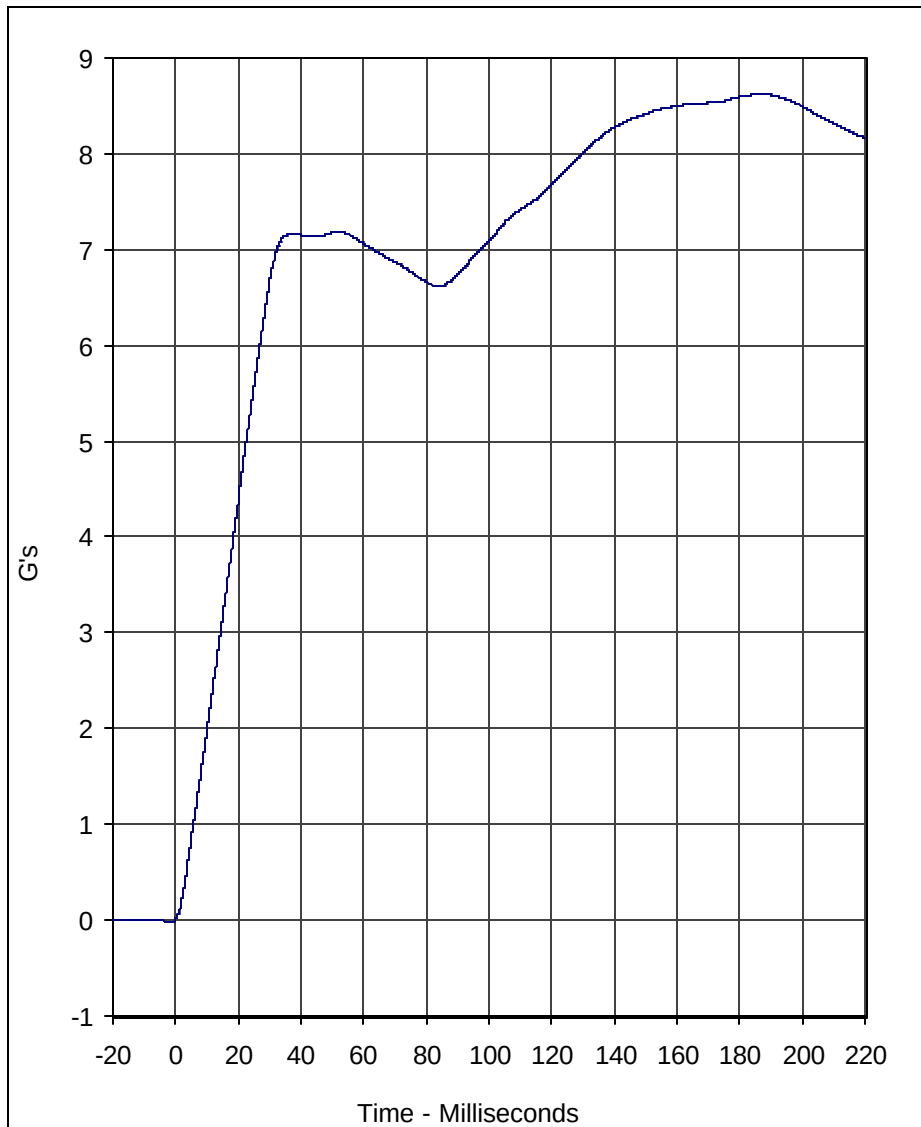
Laboratory Technician

September 12, 2003

Test Date

C-22

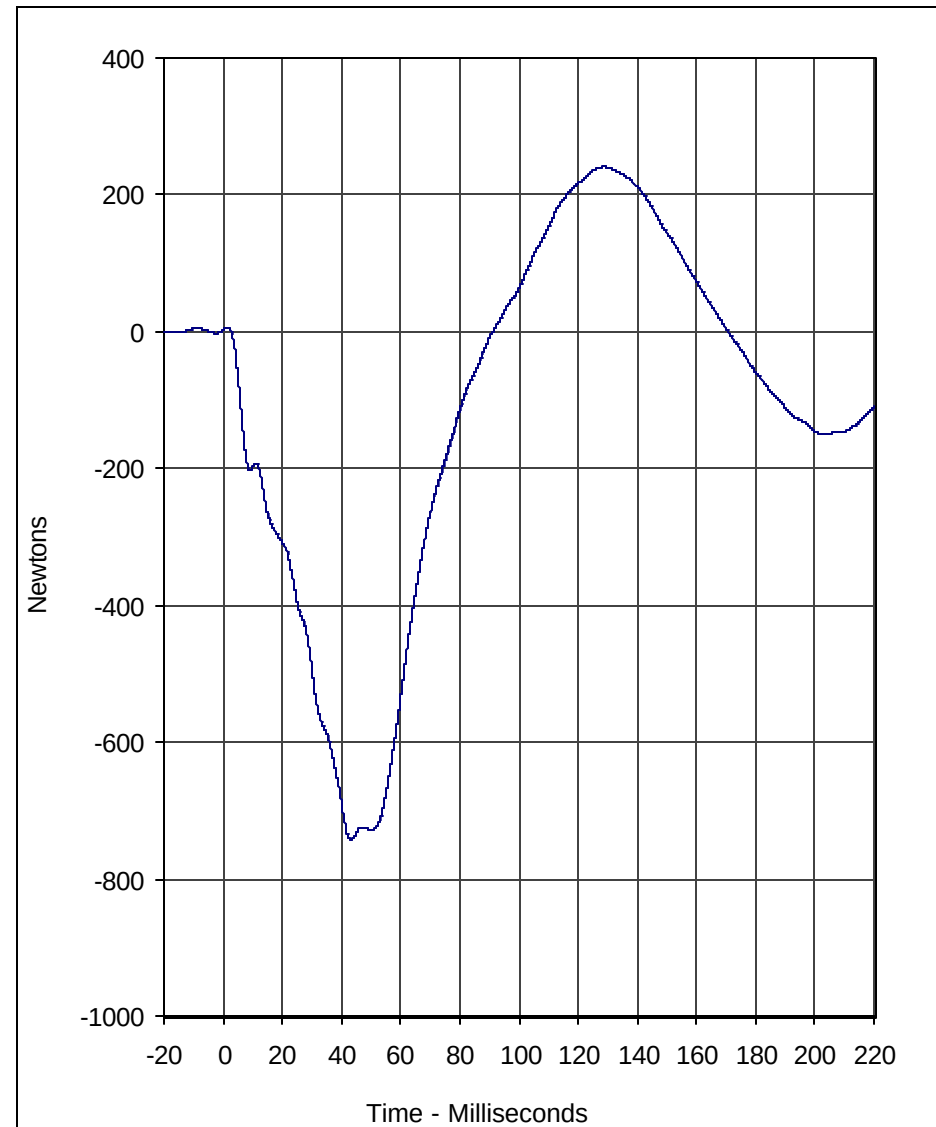
TR-P23003-07-NC



Curve Description				CURNO	Type
Pendulum Velocity				001	FIL
Units	Max	Time	Min	Time	SAE Class
G's	8.6	186.8	0.0	-1.6	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/12/03

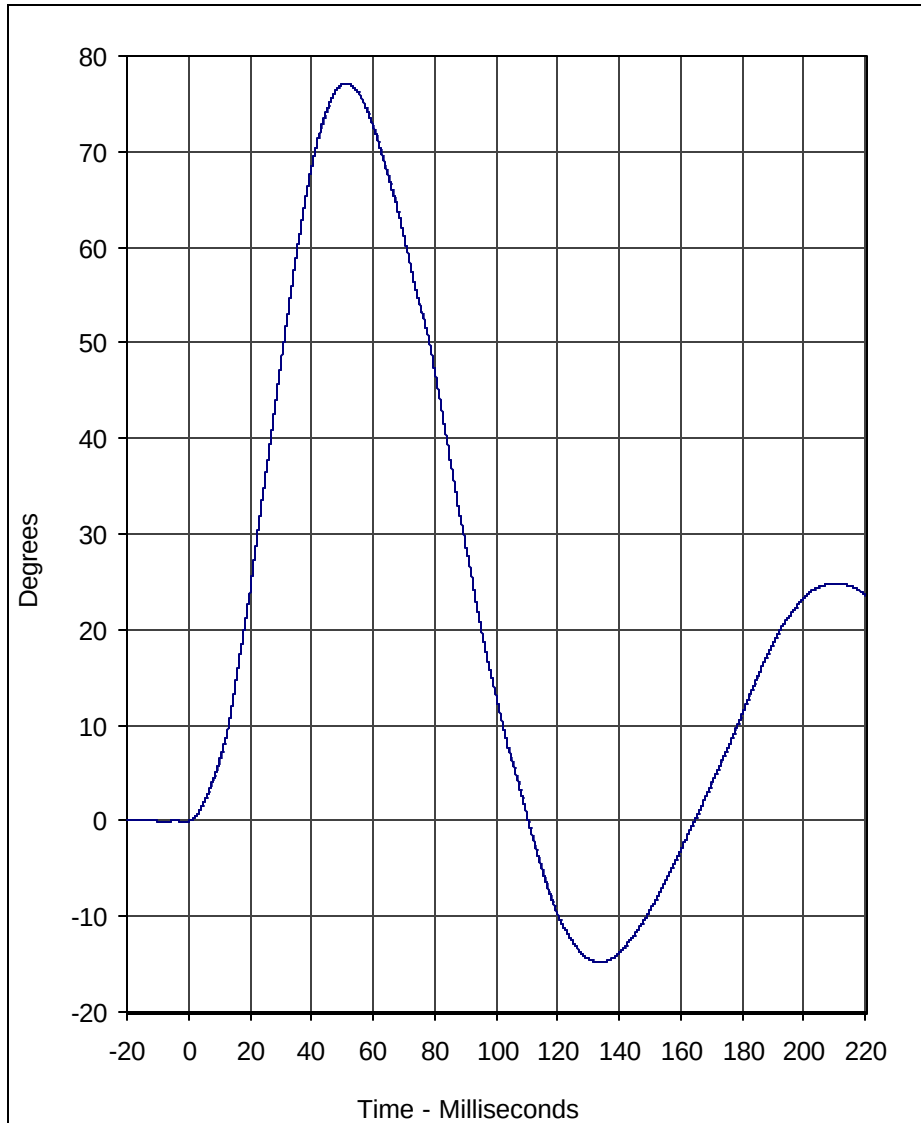


Curve Description				CURNO	Type
Neck Force Y				002	FIL
Units	Max	Time	Min	Time	SAE Class
Newtons	240.8	129.0	-743.3	43.2	60

A.T.D. Serial No.: 275

Test I.D.: NB10B

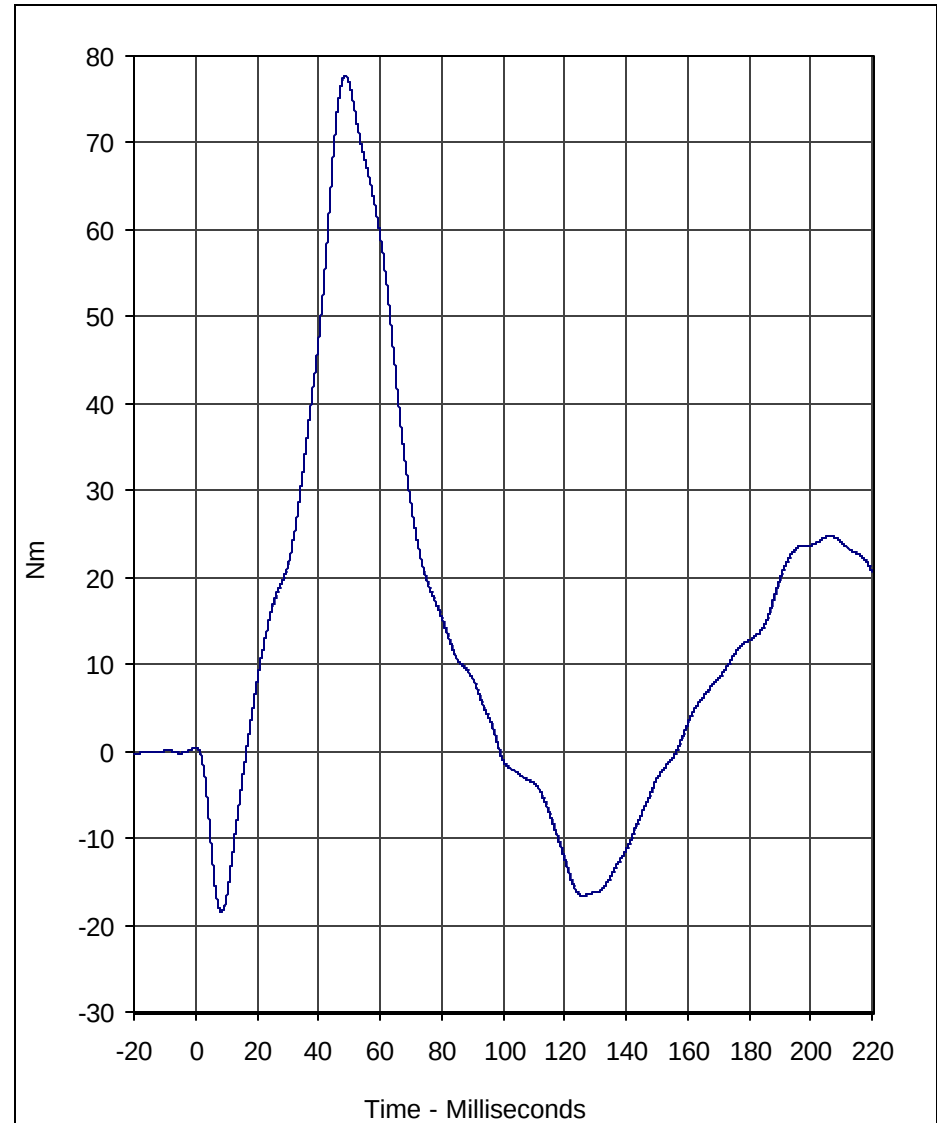




Curve Description				CURNO	Type
"D" Plane Rotation				003	FIL
Units	Max	Time	Min	Time	SAE Class
Degrees	77.2	51.1	-14.8	133.6	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/12/03



Curve Description				CURNO	Type
Moment About Occipital Condyle				004	FIL
Units	Max	Time	Min	Time	SAE Class
Nm	77.7	48.8	-18.4	8.4	60

A.T.D. Serial No.: 275

Test I.D.: NB10B



APPENDIX C
POST-TEST SID / HIII CONFIGURATION AND PERFORMANCE VERIFICATION DATA



Calibration Data Sheet Side Impact Hybrid Dummy (SID/HIII) External Measurements

ATD Serial No.: 274

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
SH- Seated Height	mm	889 to 909	900	Pass
HP- Hip Point Height	mm	99 (reference)	99	Pass
RH- Rib Height	mm	502 to 520	515	Pass
KH- Knee Pivot From Back Line	mm	511 to 526	520	Pass
KV- Knee Pivot From Floor	mm	490 to 505	500	Pass
HW- Hip Width	mm	356 to 391	385	Pass
Overall Test Results				Pass

C-25

TR-P23003-07-NC

Laboratory Technician

September 23, 2003

Test Date



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Thorax Lateral Impact

ATD Serial No.: 274

Test I.D.: TH10C

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.30	Pass
Upper Rib Acceleration	G's	37.0 to 46.0	43.0	Pass
Lower Rib Acceleration	G's	37.0 to 46.0	40.0	Pass
Thoracic Spine Acceleration	G's	15.0 to 22.0	16.5	Pass
Overall Test Results				Pass

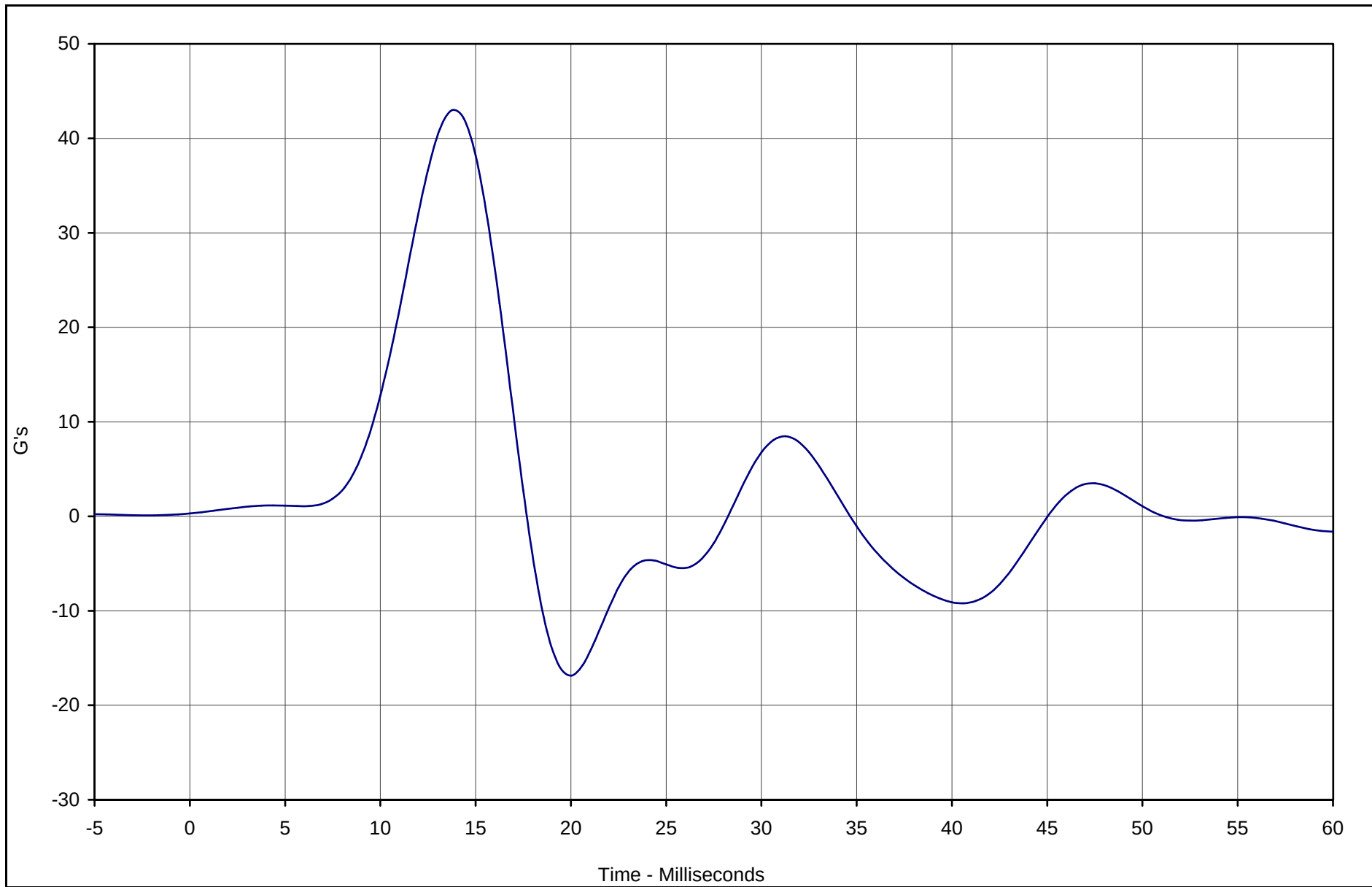
C-26

TR-P23003-07-NC

Laboratory Technician

September 22, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Upper Rib Y Acceleration	001	FIL	G's	43.0	13.8	-16.9	20.0	FIR100

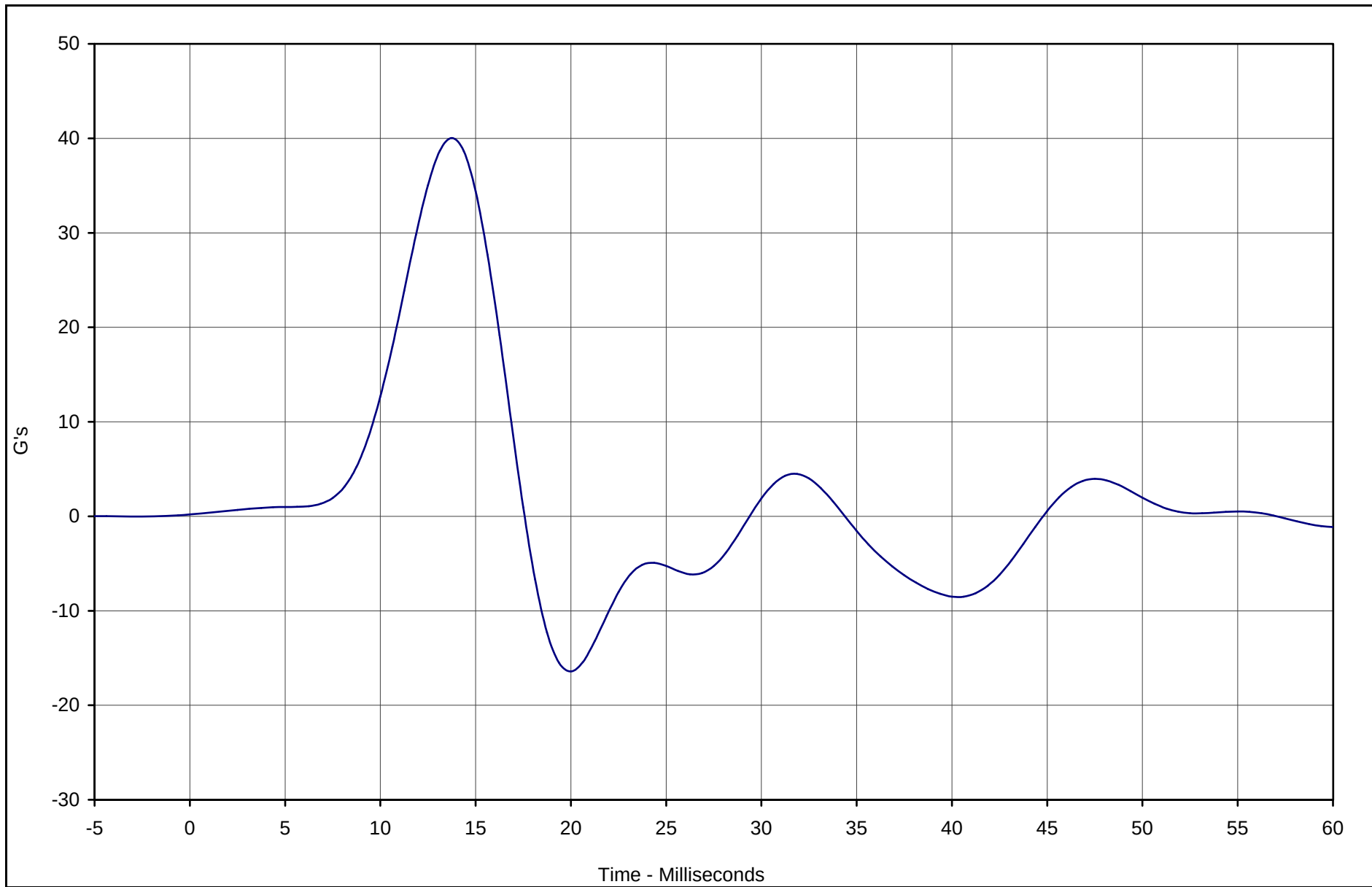


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 274

Test Date: 9/22/03

Test I.D.: TH10C



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Rib Y Acceleration	002	FIL	G's	40.0	13.8	-16.4	20.0	FIR100

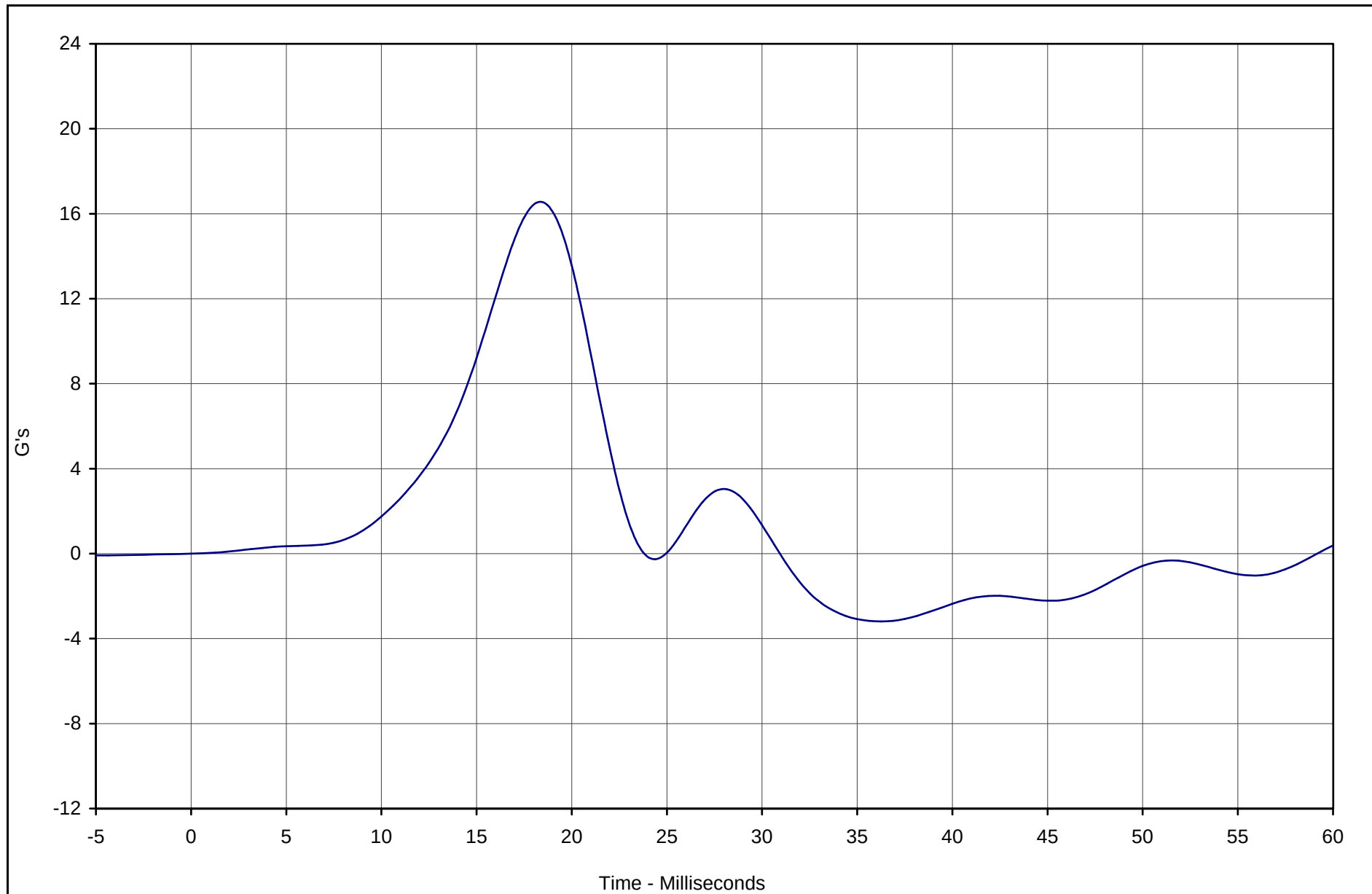


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 274

Test Date: 9/22/03

Test I.D.: TH10C



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Spine Y Acceleration	003	FIL	G's	16.5	18.1	-3.2	36.3	FIR100



Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 274

Test Date: 9/22/03

Test I.D.: TH10C



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Pelvis Lateral Impact

ATD Serial No.: 274

Test I.D.: PE10C

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.24	Pass
Peak Pelvis Acceleration	G's	40.0 to 60.0	46.6	Pass
Acceleration Time Above 20 G's	Msec.	3.0 to 7.0	6.9	Pass
Overall Test Results				Pass

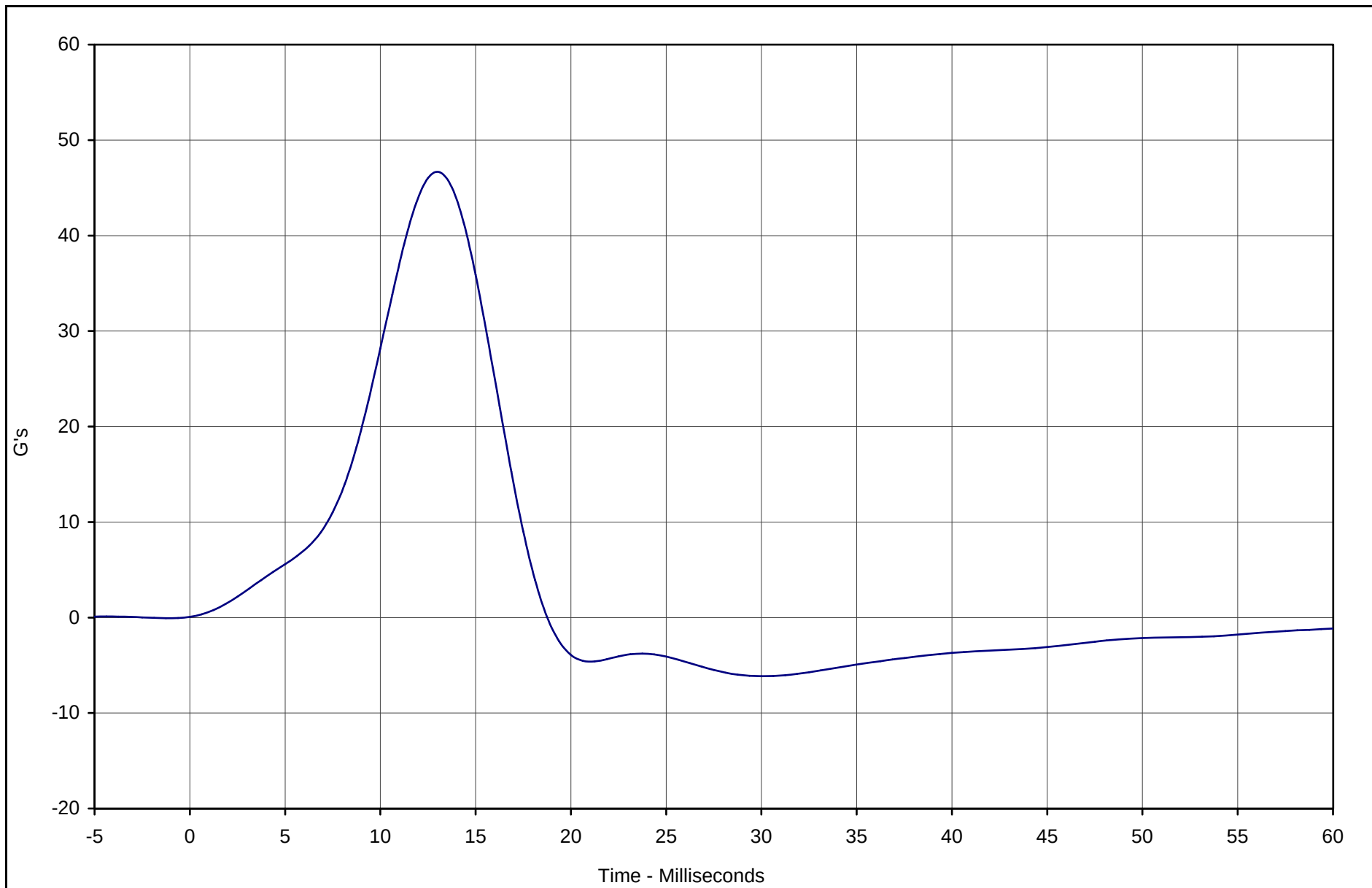
C-30

TR-P23003-07-NC

Laboratory Technician

September 22, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pelvis Y Acceleration	001	FIL	G's	46.6	13.1	-6.1	30.0	FIR100



Test Vehicle: Side Impact Dummy (SID) Pelvis Lateral Impact

SID Serial No.: 274

Test Date: 9/22/03

Test I.D.: PE10C



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Head Drop Lateral Impact Test

ATD Serial No.: 274

Test I.D.: HD10C

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Peak Resultant Acceleration	G's	120.0 to 150.0	135.6	Pass
Peak Longitudinal Acceleration	G's	≤15.0	8.7	Pass
Is Acceleration Unimodal?	Yes/No	Yes	Yes	Pass
Oscillations After Main Pulse	%	<10	3.8	Pass
Overall Test Results				Pass

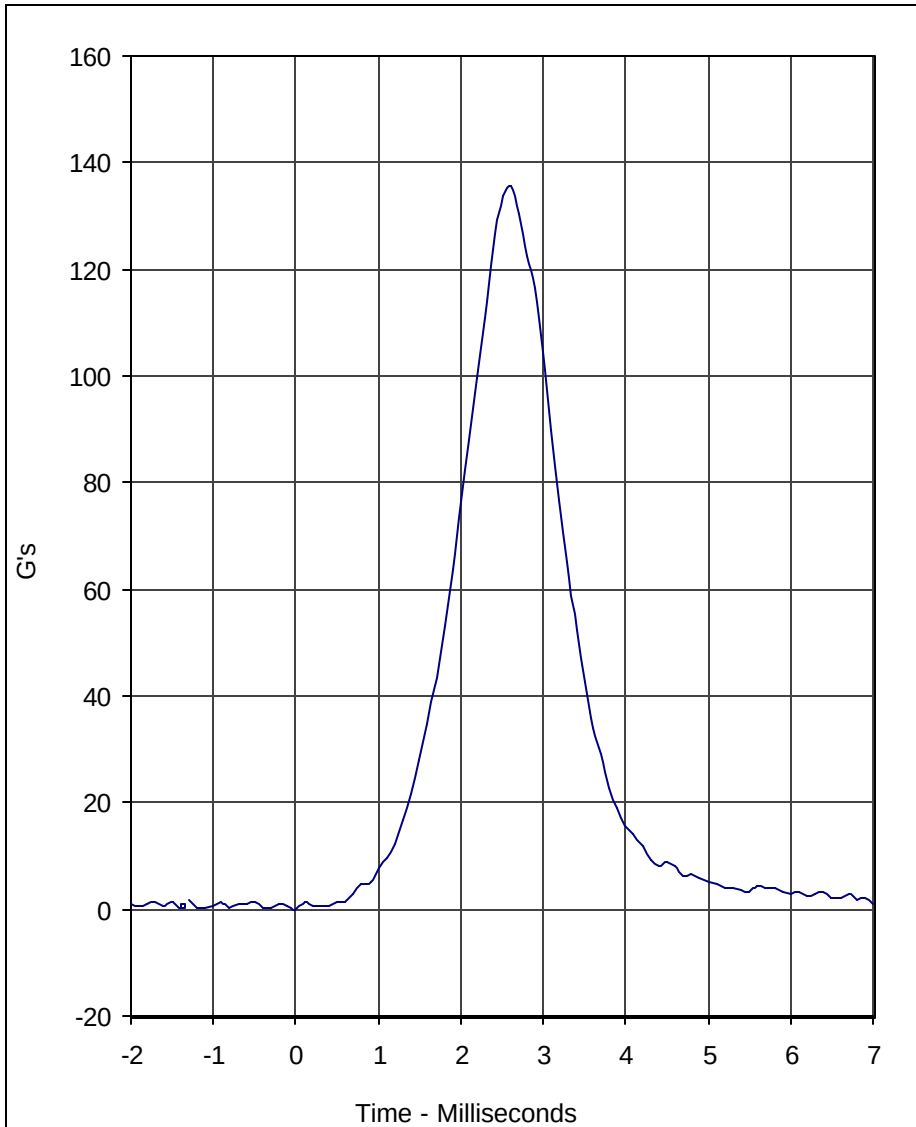
C-32

TR-P23003-07-NC

Laboratory Technician

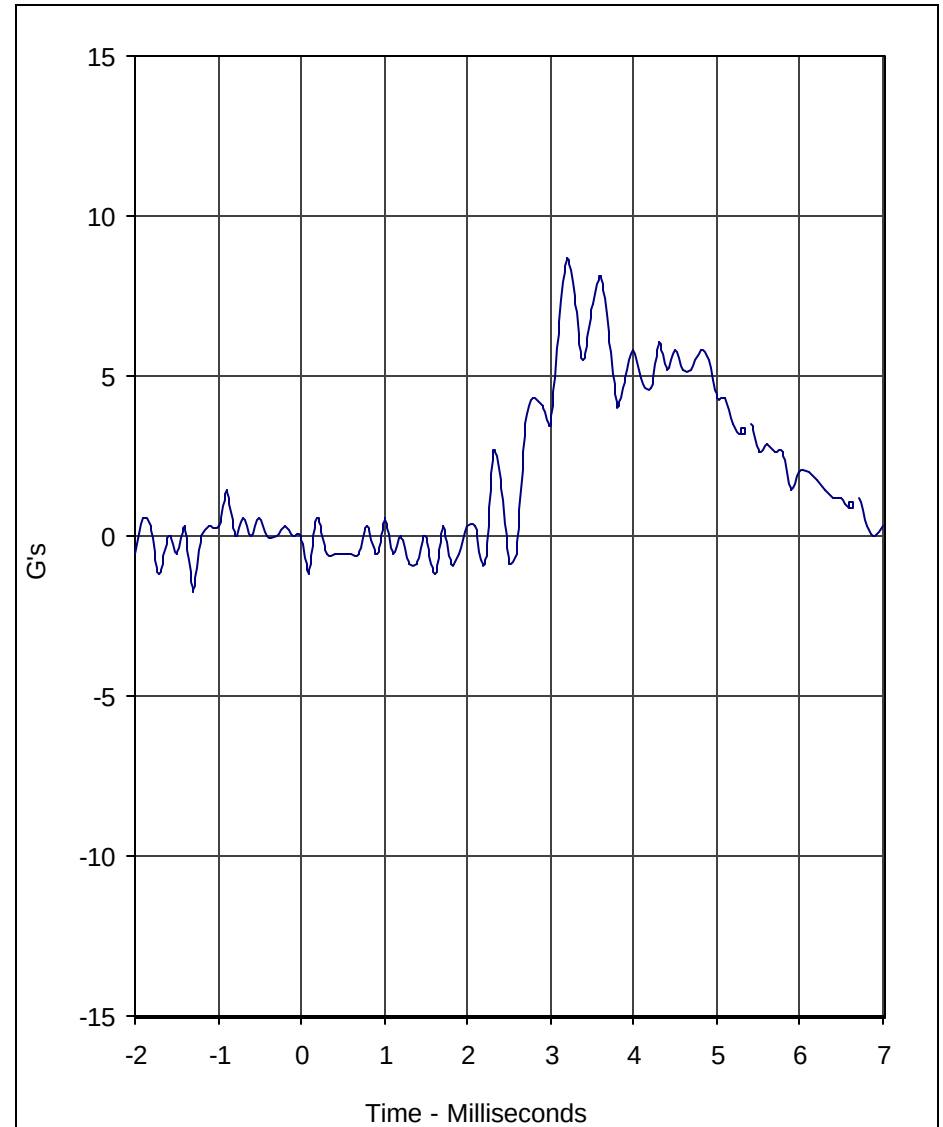
September 22, 2003

Test Date



Curve Description				CURNO	Type
Head Resultant				001	RES
Units	Max	Time	Min	Time	SAE Class
G's	135.6	2.6	0.0	0.0	1000

Test Program: SID / HIII Head Drop Lateral Impact Test
 Test Date: 9/22/03



Curve Description				CURNO	Type
Head X				002	FIL
Units	Max	Time	Min	Time	SAE Class
G's	8.7	3.2	-1.7	-1.3	1000

A.T.D. Serial No.: 274
 Test I.D.: HD10C





Calibration Data Sheet **Side Impact Hybrid Dummy (SID/HIII)** **Neck Pendulum Lateral Test**

ATD Serial No.: 274

Test I.D.: NB10C

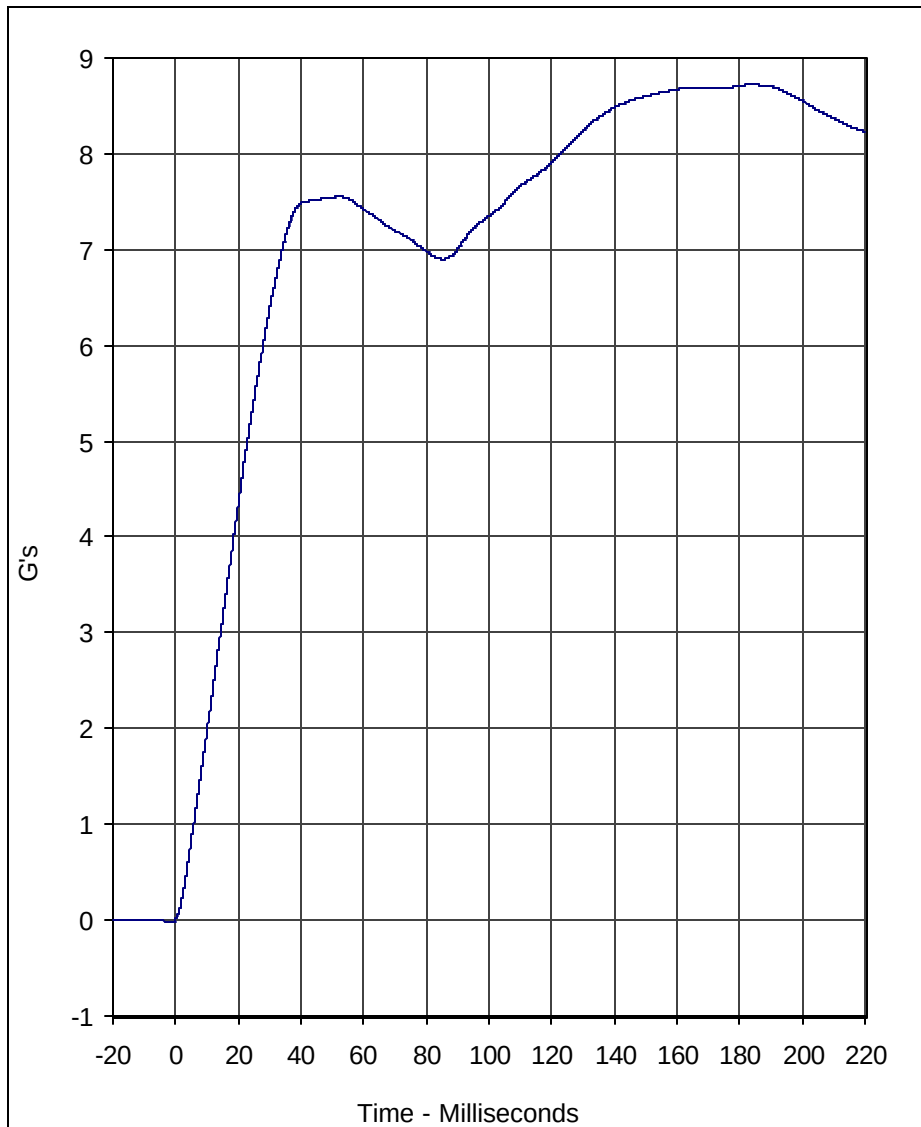
Tested Parameter		Units	Specification	Result	Pass/Fail
Laboratory Temperature		°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity		%	10 to 70	30	Pass
Pendulum Velocity		m/s	6.89 to 7.13	6.92	Pass
Pendulum Deceleration	10	Msec.	1.96 to 2.55	1.96	Pass
	20	Msec.	4.12 to 5.10	4.34	Pass
	30	Msec.	5.73 to 7.01	6.38	Pass
	40 to 70	Msec.	6.27 to 7.64	7.55	Pass
Maximum "D" Plane Rotation		Degrees	66.0 to 82.0	73.3	Pass
Maximum "D" Plane Rotation Time After Peak Moment		Msec.	2.0 to 15.0	4.9	Pass
"D" Plane Rotation Decay Time From Peak Angle to Zero Angle		Msec.	58.0 to 67.0	60.7	Pass
Calculated Moment About Occipital Condyle		N•m	73.0 to 88.0	83.4	Pass
Moment About Occipital Condyle Decay, Time From Positive Peak Value To 0 N•m		Msec.	49.0 to 64.0	58.4	Pass
Overall Test Results					Pass

 Laboratory Technician

September 22, 2003
 Test Date

C-34

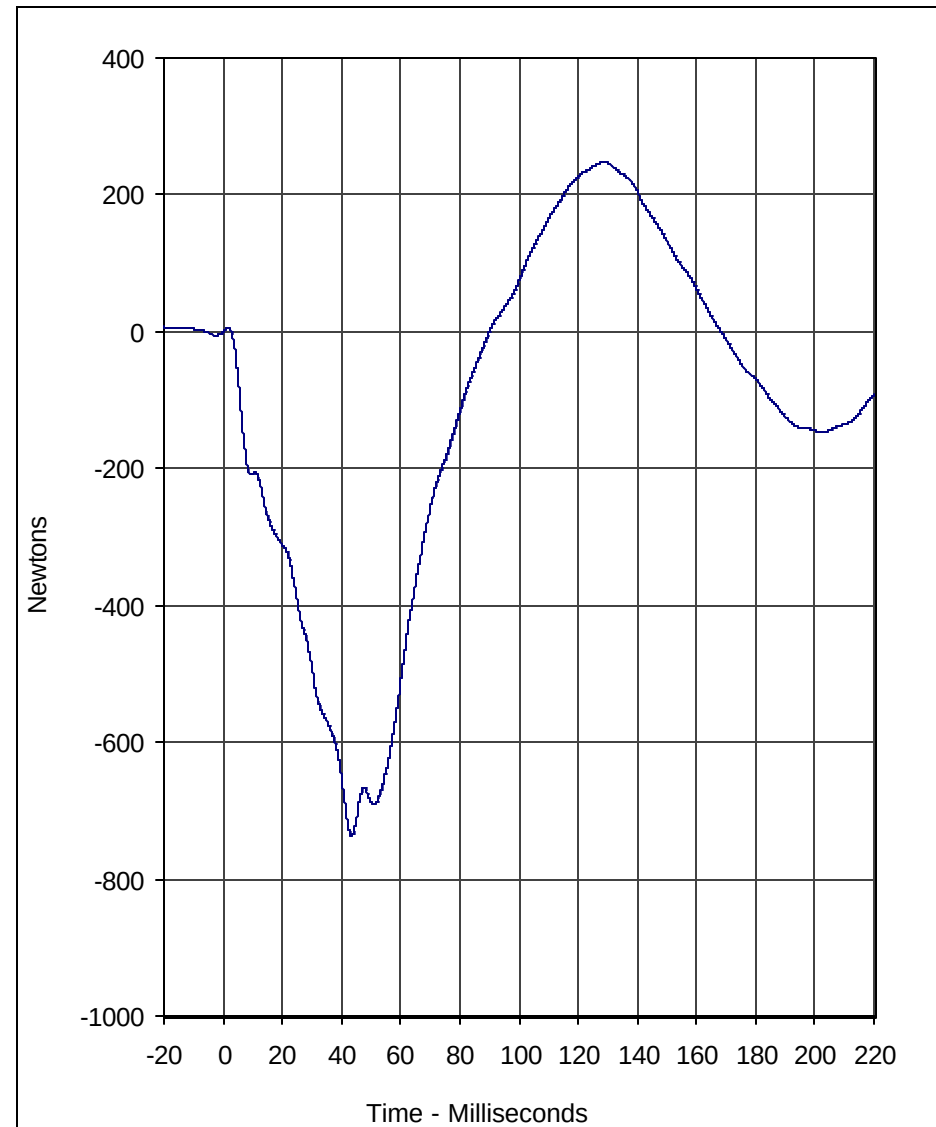
TR-P23003-07-NC



Curve Description				CURNO	Type
Pendulum Velocity				001	FIL
Units	Max	Time	Min	Time	SAE Class
G's	8.7	184.0	0.0	-1.5	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/22/03

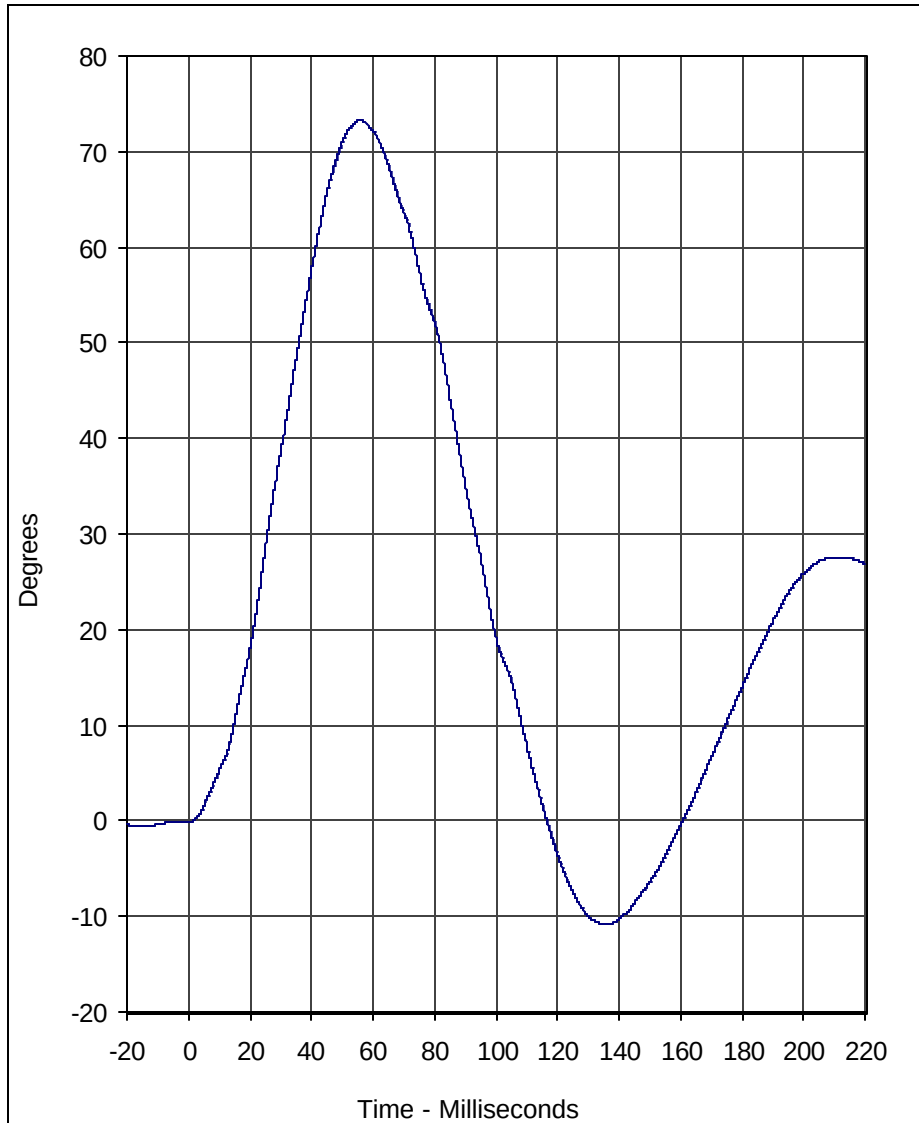


Curve Description				CURNO	Type
Neck Force Y				002	FIL
Units	Max	Time	Min	Time	SAE Class
Newtons	248.2	128.8	-736.2	43.4	60

A.T.D. Serial No.: 274

Test I.D.: NB10C

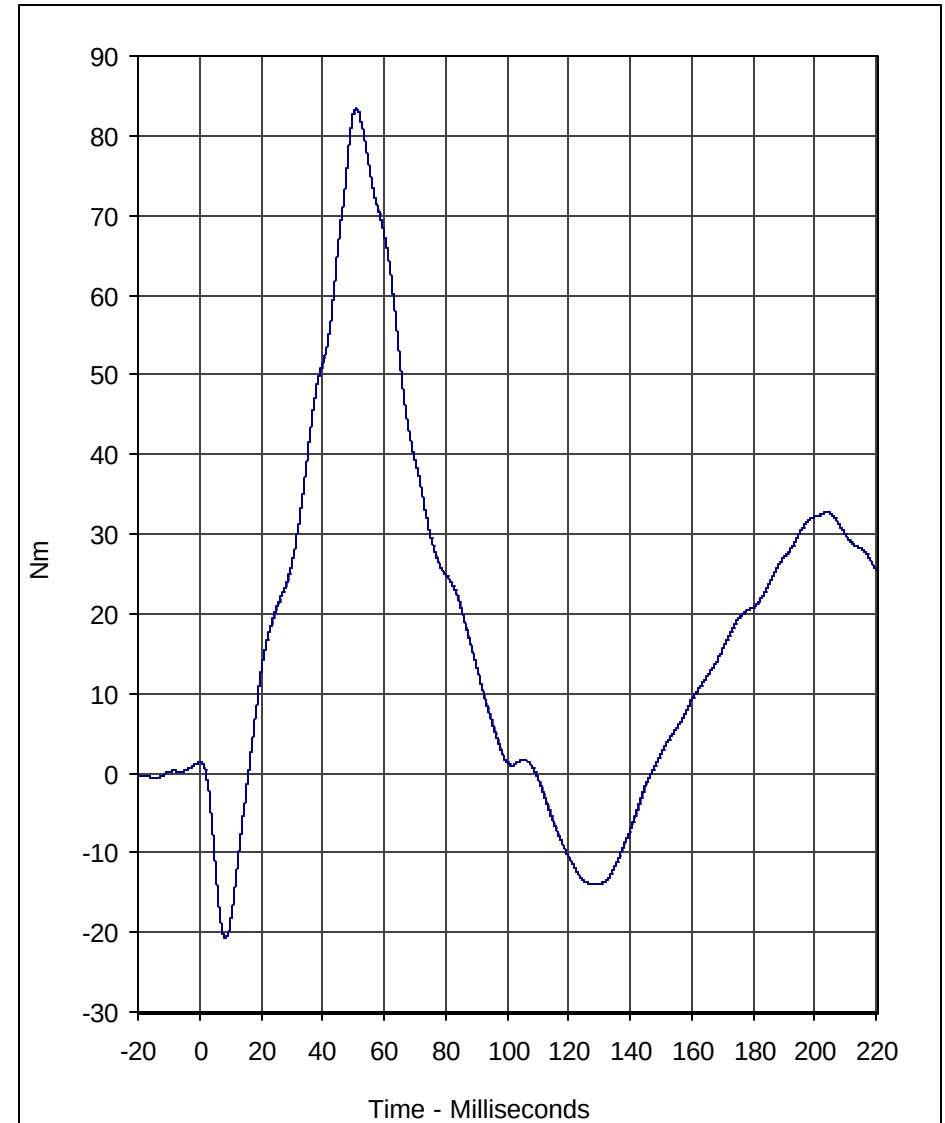




Curve Description				CURNO	Type
"D" Plane Rotation				003	FIL
Units	Max	Time	Min	Time	SAE Class
Degrees	73.3	55.9	-10.9	136.2	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/22/03



Curve Description				CURNO	Type
Moment About Occipital Condyle				004	FIL
Units	Max	Time	Min	Time	SAE Class
Nm	83.4	51.0	-20.8	8.5	60

A.T.D. Serial No.: 274

Test I.D.: NB10C





Calibration Data Sheet Side Impact Hybrid Dummy (SID/HIII) External Measurements

ATD Serial No.: 275

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
SH- Seated Height	mm	889 to 909	905	Pass
HP- Hip Point Height	mm	99 (reference)	99	Pass
RH- Rib Height	mm	502 to 520	510	Pass
KH- Knee Pivot From Back Line	mm	511 to 526	515	Pass
KV- Knee Pivot From Floor	mm	490 to 505	500	Pass
HW- Hip Width	mm	356 to 391	380	Pass
Overall Test Results				Pass

C-37

TR-P23003-07-NC

Laboratory Technician

September 23, 2003

Test Date



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Thorax Lateral Impact

ATD Serial No.: 275

Test I.D.: TH10D

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.23	Pass
Upper Rib Acceleration	G's	37.0 to 46.0	38.2	Pass
Lower Rib Acceleration	G's	37.0 to 46.0	40.3	Pass
Thoracic Spine Acceleration	G's	15.0 to 22.0	18.4	Pass
Overall Test Results				Pass

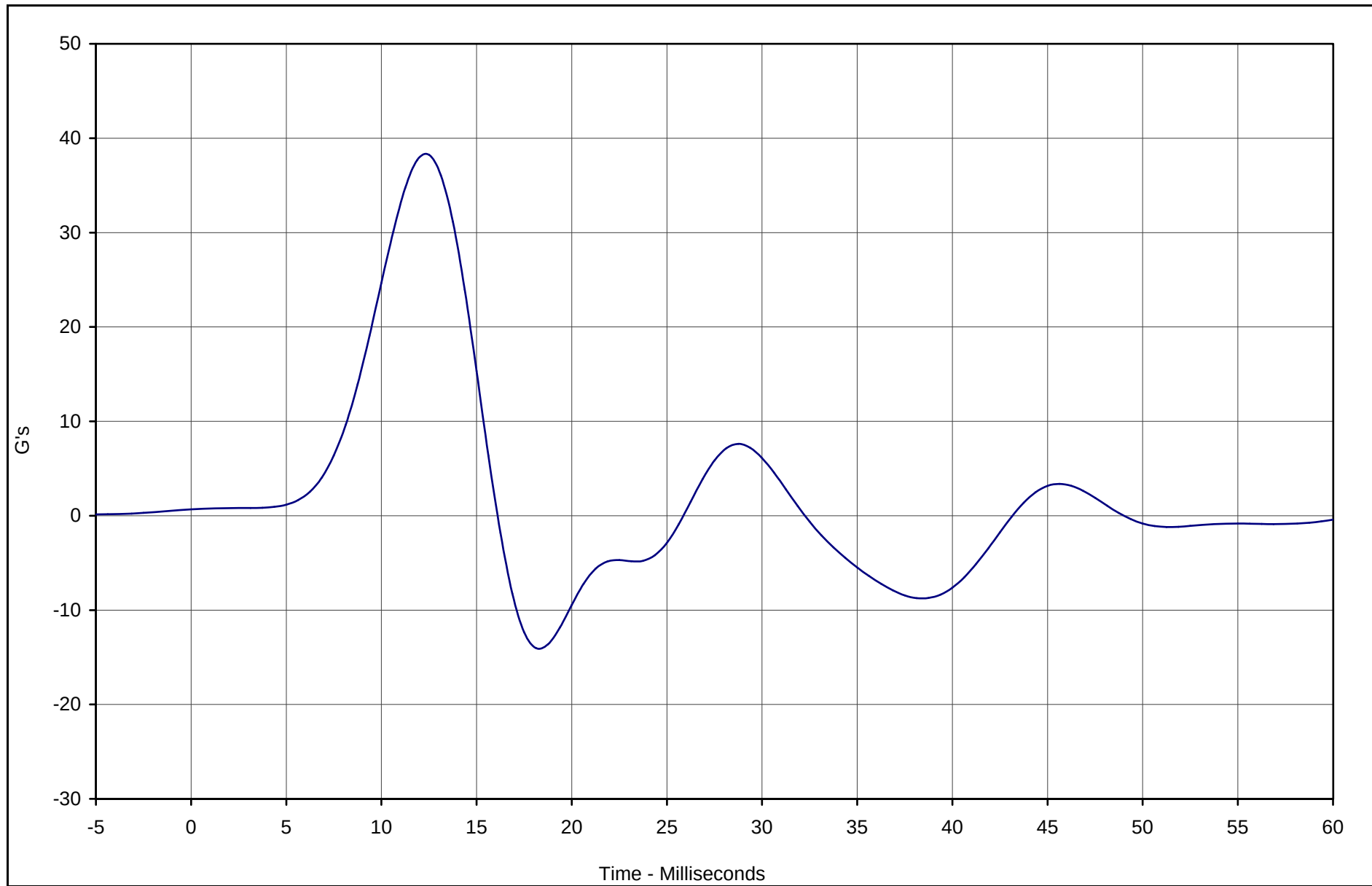
C-38

TR-P23003-07-NC

Laboratory Technician

September 22, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Upper Rib Y Acceleration	001	FIL	G's	38.2	12.5	-14.0	18.1	FIR100

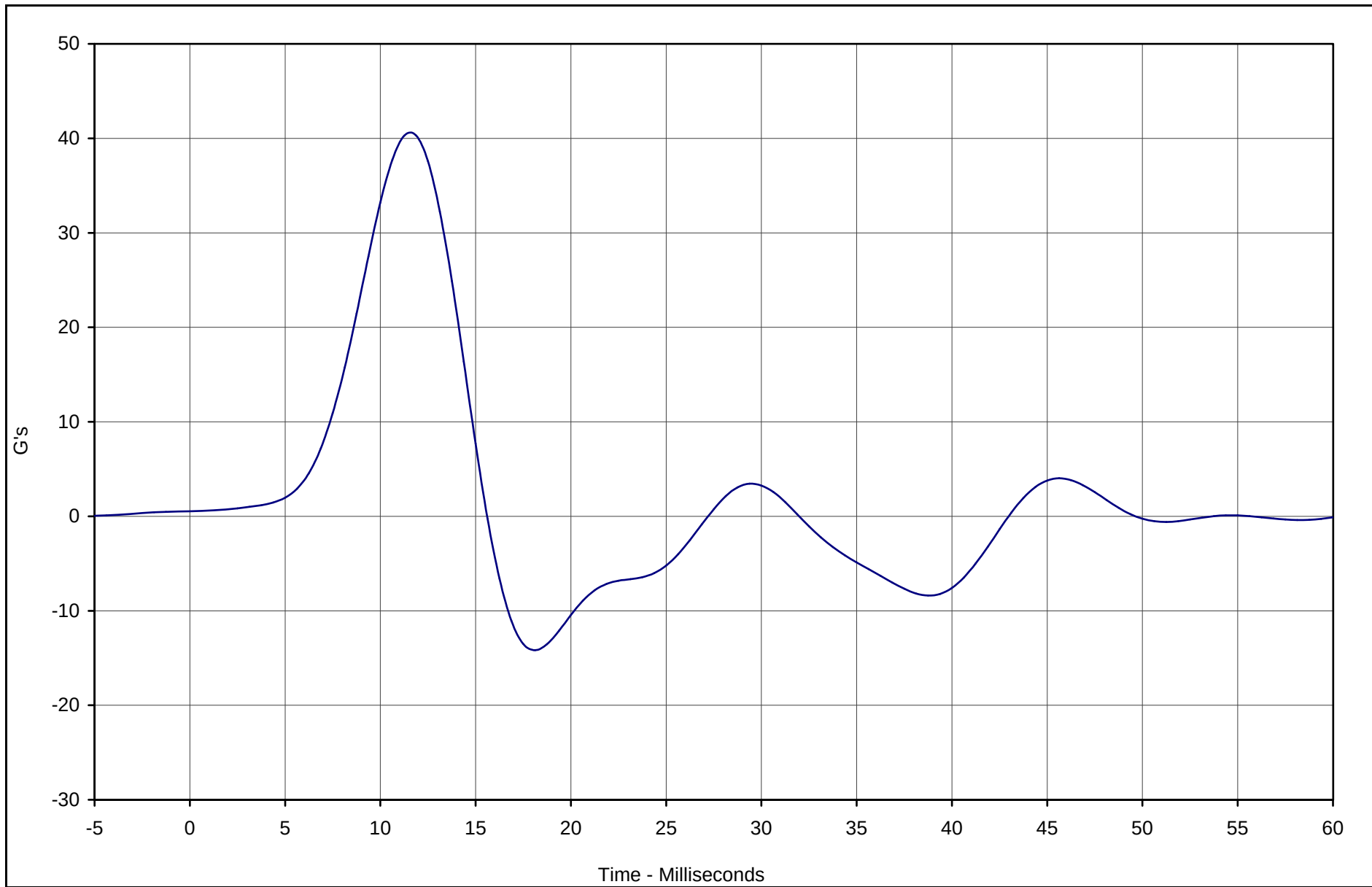


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 275

Test Date: 9/22/03

Test I.D.: TH10D



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Rib Y Acceleration	002	FIL	G's	40.3	11.9	-14.2	18.1	FIR100

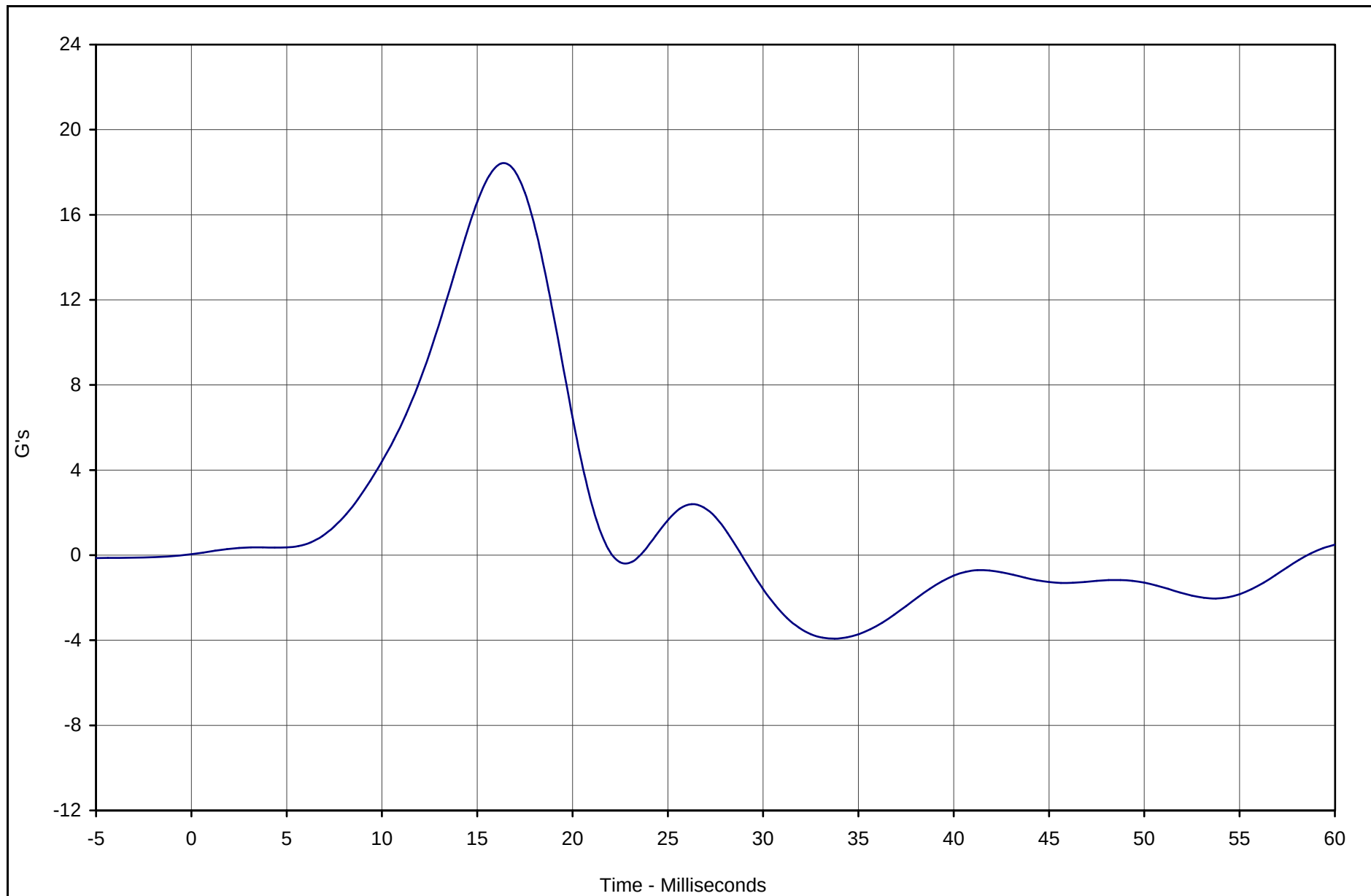


Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 275

Test Date: 9/22/03

Test I.D.: TH10D



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Lower Spine Y Acceleration	003	FIL	G's	18.4	16.3	-3.9	33.8	FIR100



Test Vehicle: SID / HIII Thorax Lateral Impact

SID Serial No.: 275

Test Date: 9/22/03

Test I.D.: TH10D



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Pelvis Lateral Impact

ATD Serial No.: 275

Test I.D.: PE10D

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Probe Velocity	m/s	4.21 to 4.33	4.22	Pass
Peak Pelvis Acceleration	G's	40.0 to 60.0	43.7	Pass
Acceleration Time Above 20 G's	Msec.	3.0 to 7.0	6.9	Pass
Overall Test Results				Pass

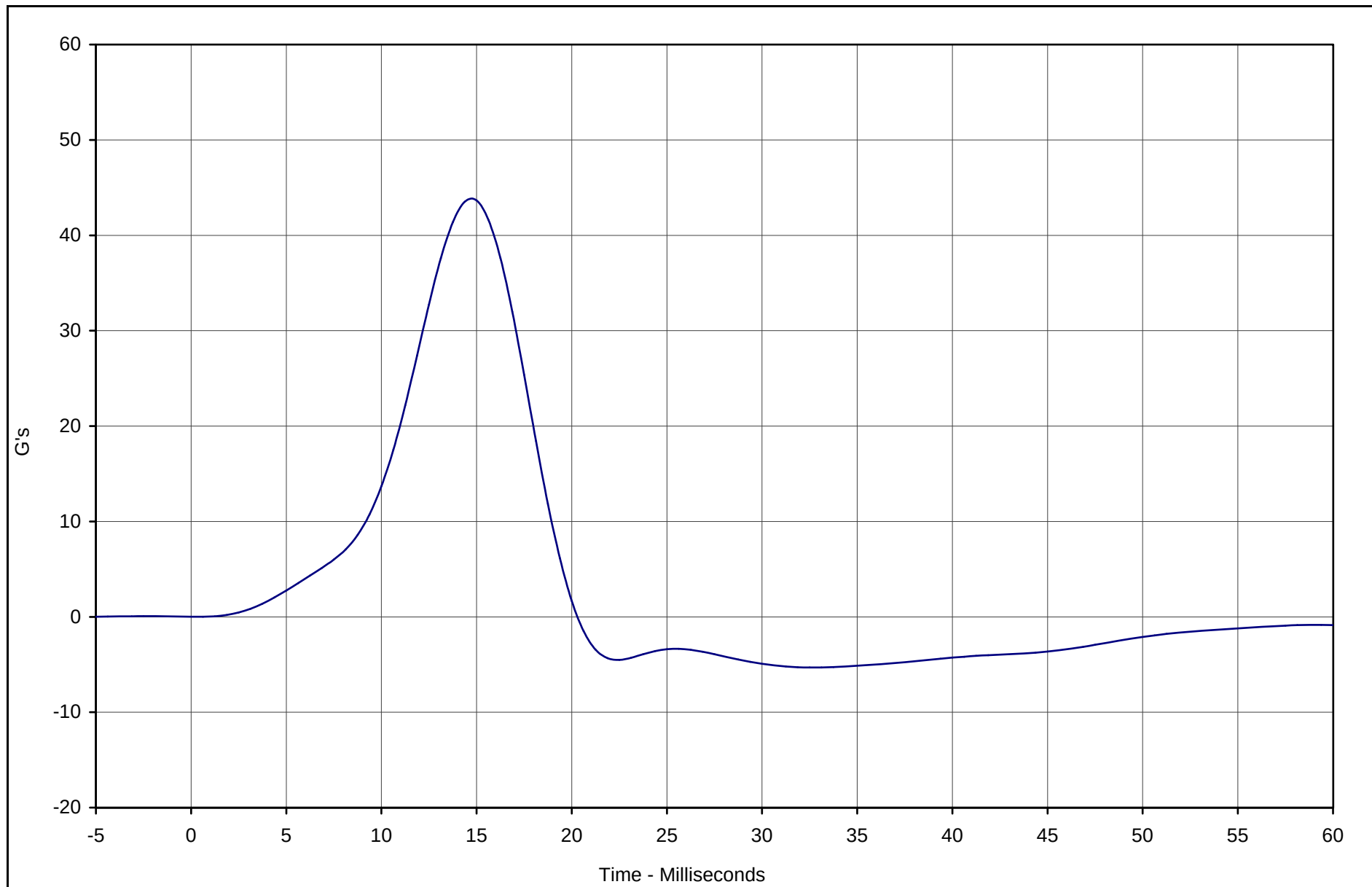
C-42

TR-P23003-07-NC

Laboratory Technician

September 22, 2003

Test Date



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Pelvis Y Acceleration	001	FIL	G's	43.7	15.0	-5.3	32.5	FIR100



Test Vehicle: Side Impact Dummy (SID) Pelvis Lateral Impact

SID Serial No.: 275

Test Date: 9/22/03

Test I.D.: PE10D



Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Head Drop Lateral Impact Test

ATD Serial No.: 275

Test I.D.: HD10D

Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	18.9 to 25.6	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Peak Resultant Acceleration	G's	120.0 to 150.0	146.9	Pass
Peak Longitudinal Acceleration	G's	≤15.0	8.1	Pass
Is Acceleration Unimodal?	Yes/No	Yes	Yes	Pass
Oscillations After Main Pulse	%	<10	3.2	Pass
Overall Test Results				Pass

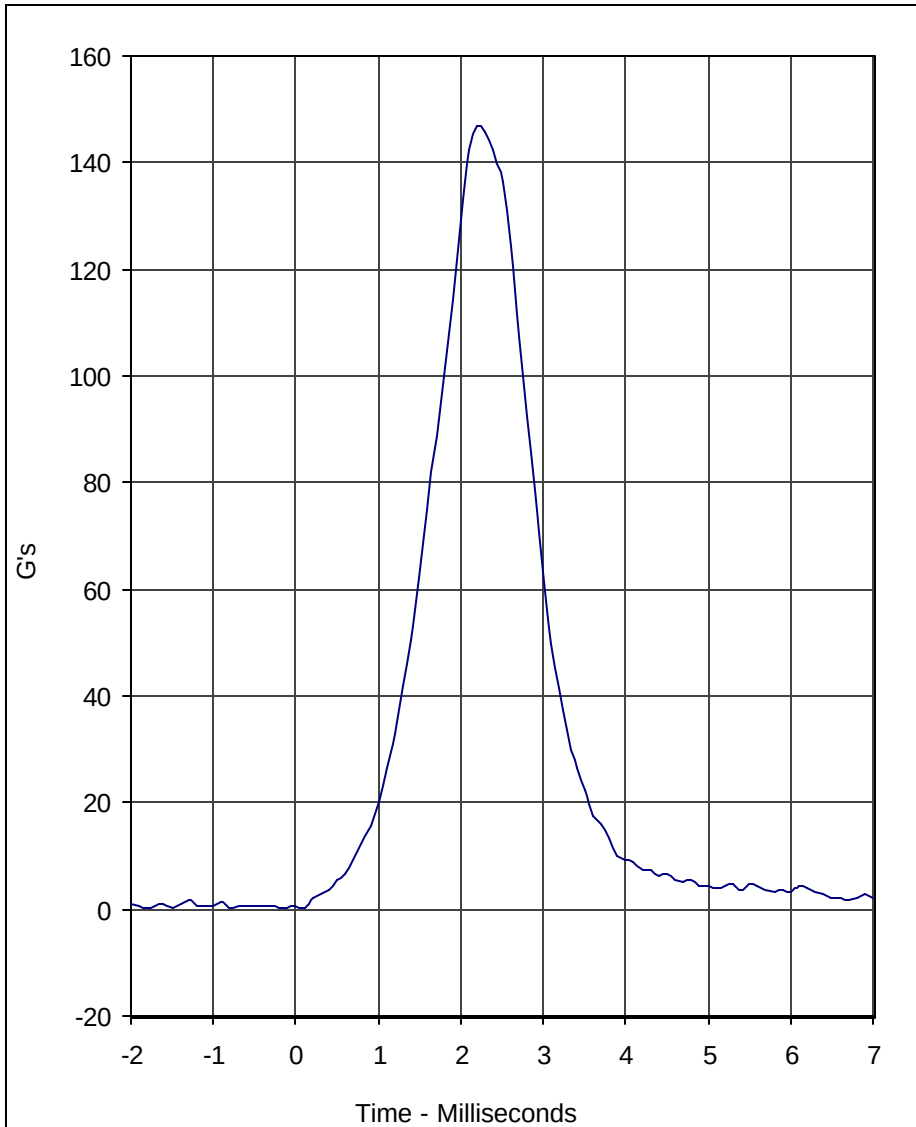
C-44

TR-P23003-07-NC

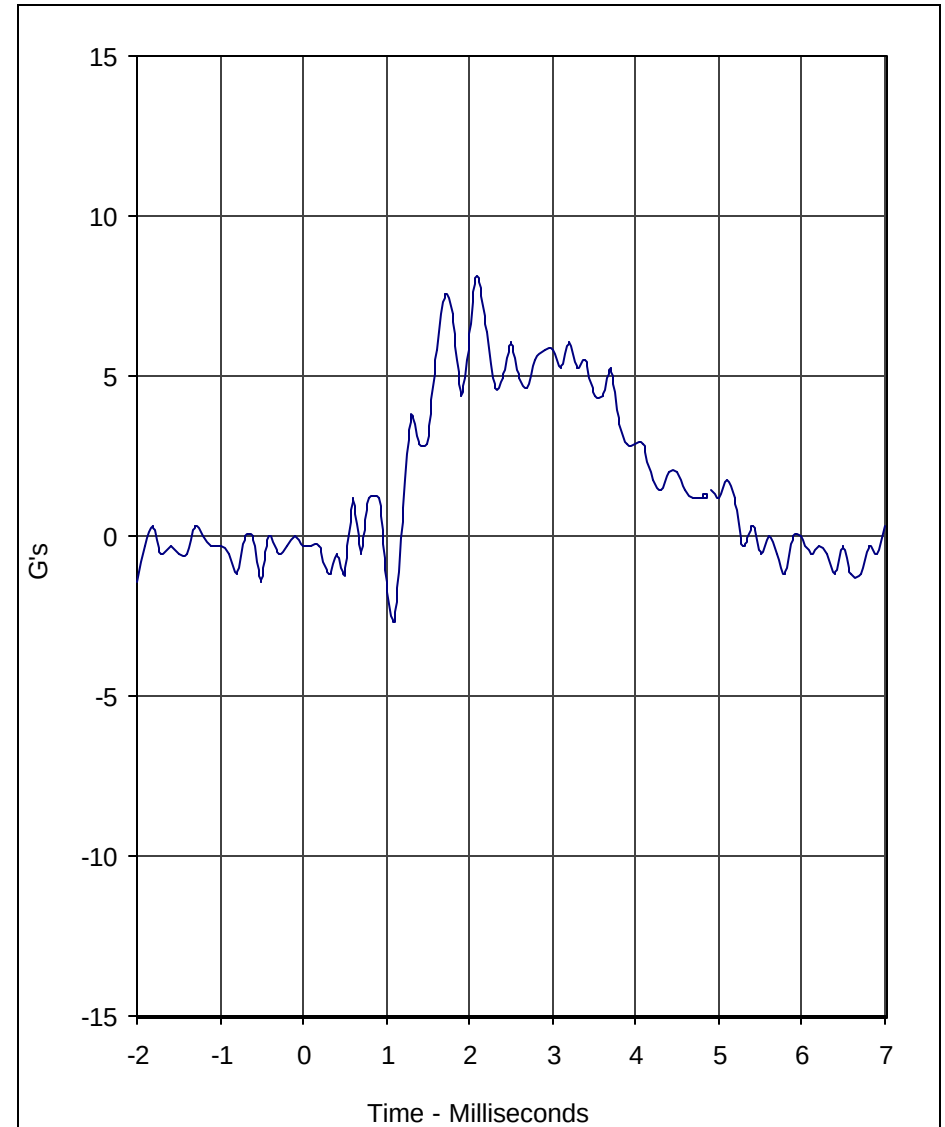
Laboratory Technician

September 22, 2003

Test Date



Curve Description				CURNO	Type
Head Resultant				001	RES
Units	Max	Time	Min	Time	SAE Class
G's	146.9	2.2	0.3	-0.1	1000



Curve Description				CURNO	Type
Head X				002	FIL
Units	Max	Time	Min	Time	SAE Class
G's	8.1	2.1	-2.6	1.1	1000

Test Program: SID / HIII Head Drop Lateral Impact Test

Test Date: 9/22/03

A.T.D. Serial No.: 275

Test I.D.: HD10D





Calibration Data Sheet

Side Impact Hybrid Dummy (SID/HIII)

Neck Pendulum Lateral Test

ATD Serial No.: 275

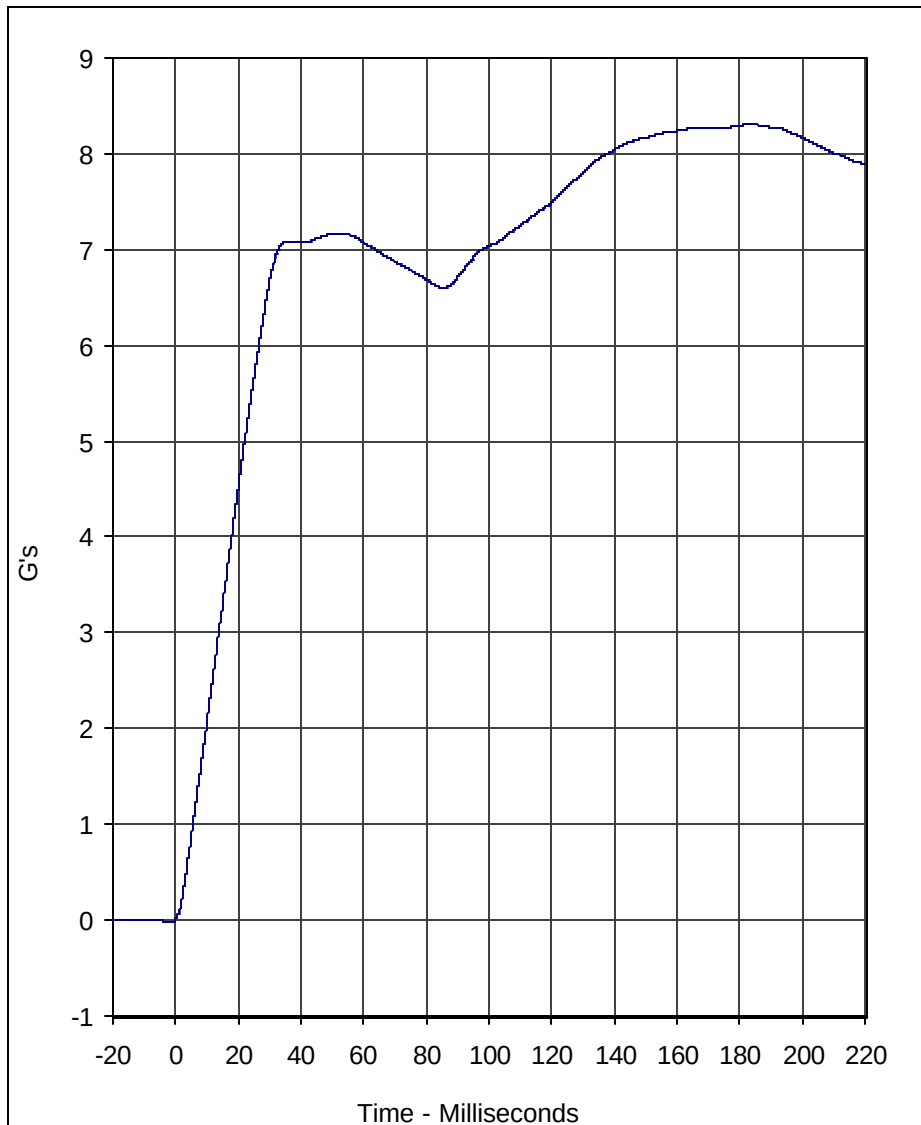
Test I.D.: NB10D

Tested Parameter		Units	Specification	Result	Pass/Fail
Laboratory Temperature		°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity		%	10 to 70	30	Pass
Pendulum Velocity		m/s	6.89 to 7.13	7.11	Pass
Pendulum Deceleration	10	Msec.	1.96 to 2.55	2.07	Pass
	20	Msec.	4.12 to 5.10	4.51	Pass
	30	Msec.	5.73 to 7.01	6.67	Pass
	40 to 70	Msec.	6.27 to 7.64	7.17	Pass
Maximum "D" Plane Rotation		Degrees	66.0 to 82.0	79.0	Pass
Maximum "D" Plane Rotation Time After Peak Moment		Msec.	2.0 to 15.0	5.8	Pass
"D" Plane Rotation Decay Time From Peak Angle to Zero Angle		Msec.	58.0 to 67.0	59.5	Pass
Calculated Moment About Occipital Condyle		N•m	73.0 to 88.0	82.2	Pass
Moment About Occipital Condyle Decay, Time From Positive Peak Value To 0 N•m		Msec.	49.0 to 64.0	55.9	Pass
Overall Test Results					Pass

Laboratory Technician

September 23, 2003

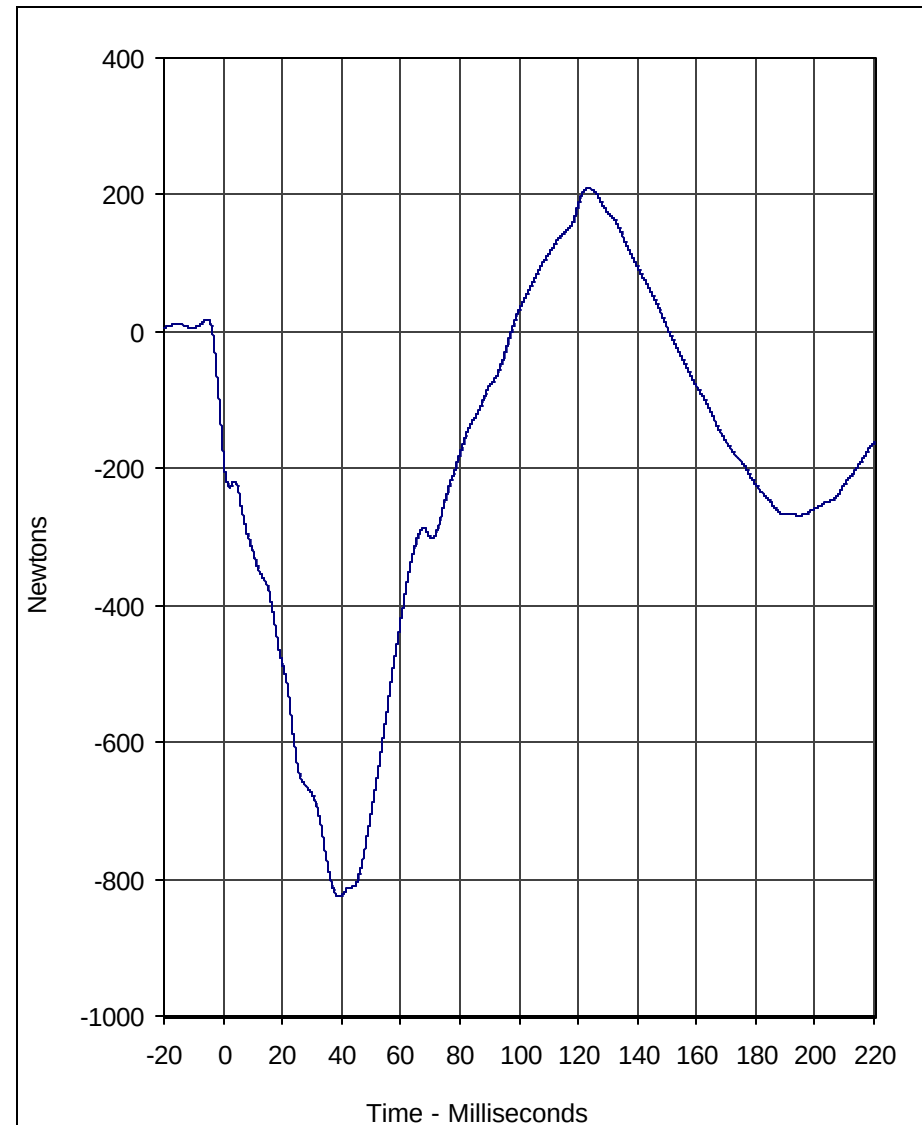
Test Date



Curve Description				CURNO	Type
Pendulum Velocity				001	FIL
Units	Max	Time	Min	Time	SAE Class
G's	8.3	183.7	0.0	-1.6	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/23/03

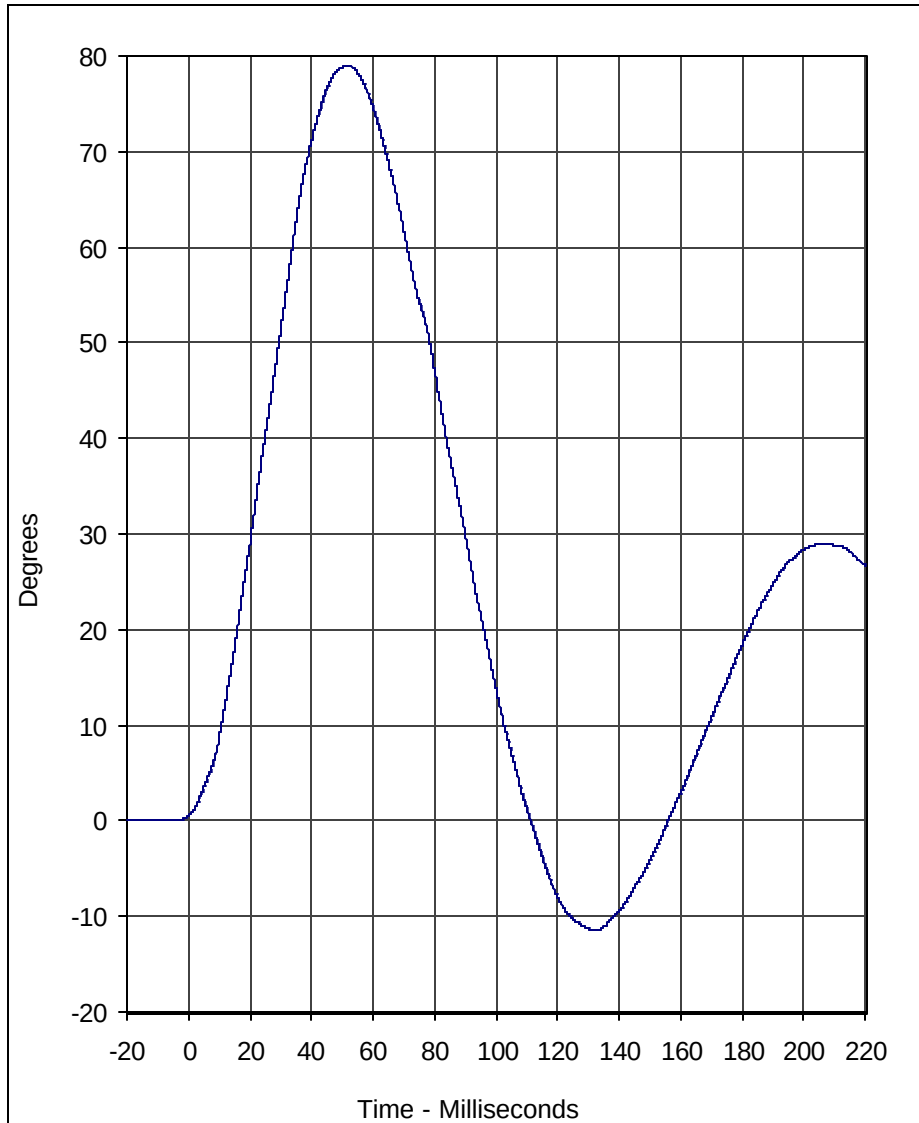


Curve Description				CURNO	Type
Neck Force Y				002	FIL
Units	Max	Time	Min	Time	SAE Class
Newtons	209.2	123.7	-824.8	39.2	60

A.T.D. Serial No.: 275

Test I.D.: NB10D

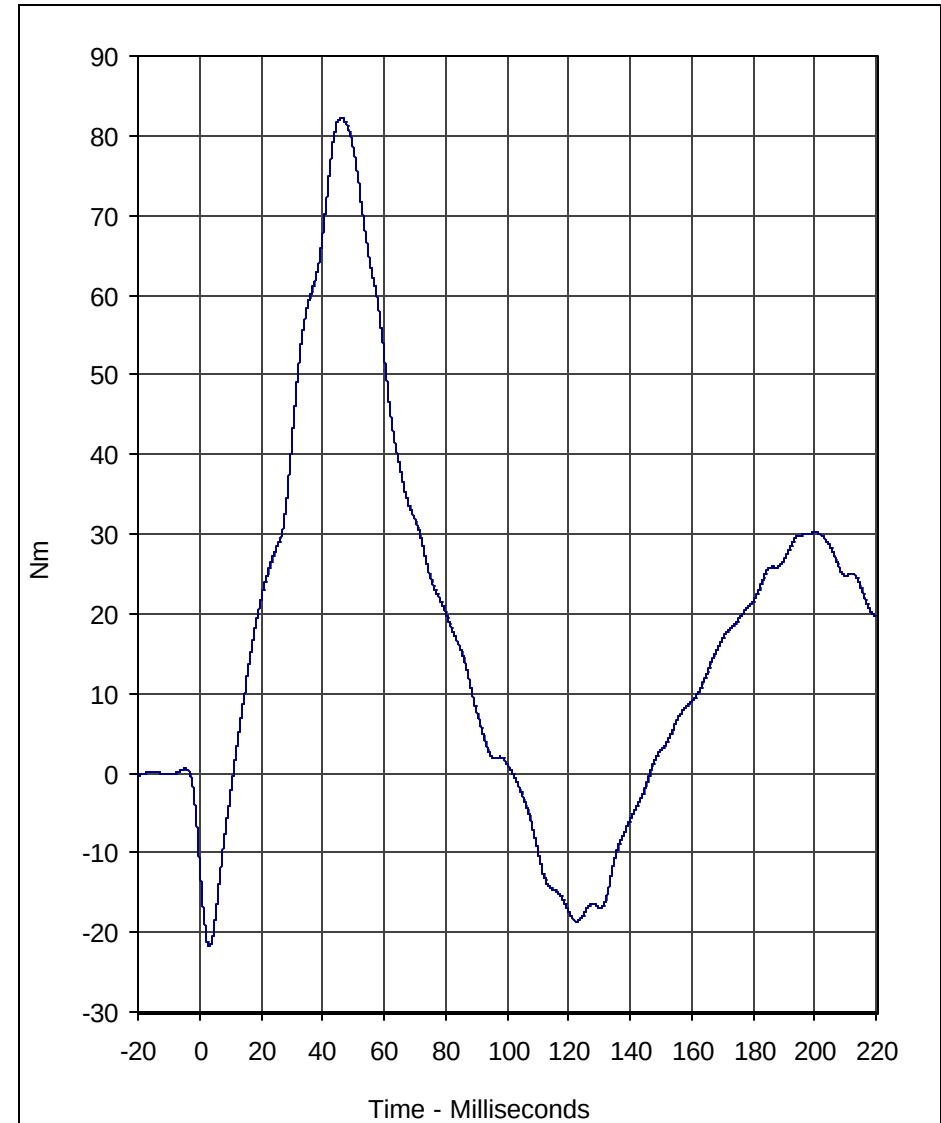




Curve Description				CURNO	Type
"D" Plane Rotation				003	FIL
Units	Max	Time	Min	Time	SAE Class
Degrees	79.0	51.8	-11.5	132.5	60

Test Program: SID / HIII Neck Pendulum Lateral Test

Test Date: 9/23/03



Curve Description				CURNO	Type
Moment About Occipital Condyle				004	FIL
Units	Max	Time	Min	Time	SAE Class
Nm	82.2	46.0	-21.8	3.3	60

A.T.D. Serial No.: 275

Test I.D.: NB10D



APPENDIX D

TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

55/28 km/h Side Impact NCAP
Instrumentation Data Channel Assignments
Driver SID/HIII Serial Number 274
9/19/03
2003 Honda Accord LX 4 Door Sedan

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
1	Head CG	X	KEAC086	Accel.,1/2 bridge	Endevco	7264-2000X	G
2	Head CG	Y	KEAC087	Accel.,1/2 bridge	Endevco	7264-2000Y	G
3	Head CG	Z	KEAC088	Accel.,1/2 bridge	Endevco	7264-2000Z	G
4	Head CG, Redundant	X	KEAC060	Accel.,1/2 bridge	Endevco	7264-2000	G
5	Head CG, Redundant	Y	KEAC061	Accel.,1/2 bridge	Endevco	7264-2000	G
6	Head CG, Redundant	Z	KEAC062	Accel.,1/2 bridge	Endevco	7264-2000	G
7	Neck Force	X	GPUN01FX	Load cell, six axis neck	R. A. Denton	1716A	N
8	Neck Force	Y	GPUN01FY	Load cell, six axis neck	R. A. Denton	1716A	N
9	Neck Force	Z	GPUN01FZ	Load cell, six axis neck	R. A. Denton	1716A	N
10	Neck Moment	X	GPUN01MX	Load cell, six axis neck	R. A. Denton	1716A	Nm
11	Neck Moment	Y	GPUN01MY	Load cell, six axis neck	R. A. Denton	1716A	Nm
12	Neck Moment	Z	GPUN01MZ	Load cell, six axis neck	R. A. Denton	1716A	Nm
13	Upper Rib Primary	Y	KEAC070	Accel.,1/2 bridge	Endevco	7264-2000X	G
14	Lower Rib, Primary	Y	KEAC071	Accel.,1/2 bridge	Endevco	7264-2000Y	G
15	Lower Spine, Primary	Y	KEAC072	Accel.,1/2 bridge	Endevco	7264-2000Z	G
16	Pelvis, Primary	Y	KEAC090	Accel.,Full bridge	Endevco	7264A-2000	G
17	Upper Rib Redundant	Y	KEAC076	Accel.,1/2 bridge	Endevco	7264-2000X	G
18	Lower Rib, Redundant	Y	KEAC077	Accel.,1/2 bridge	Endevco	7264-2000Y	G
19	Lower Spine, Redundant	Y	KEAC078	Accel.,1/2 bridge	Endevco	7264-2000Z	G
20	Pelvis, Redundant	Y	KEAC089	Accel.,1/2 bridge	Endevco	7264-2000X	G
21	Thorax Contact	N/A	T0	Contact Switch	Tapeswitch	8 oz. Grey	%
22	Pelvis Contact	N/A	T0	Contact Switch	Tapeswitch	8 oz. Grey	%

55/28 km/h Side Impact NCAP
Instrumentation Data Channel Assignments
Passenger SID/HII Serial Number 275
9/19/03
2003 Honda Accord LX 4 Door Sedan

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
23	Head CG	X	KEAC069	Accel.,1/2 bridge	Endevco	7264-2000X	G
24	Head CG	Y	KEAC080	Accel.,1/2 bridge	Endevco	7264-2000Y	G
25	Head CG	Z	KEAC082	Accel.,1/2 bridge	Endevco	7264-2000Z	G
26	Head CG, Redundant	X	KEAC083	Accel.,1/2 bridge	Endevco	7264-2000X	G
27	Head CG, Redundant	Y	KEAC084	Accel.,1/2 bridge	Endevco	7264-2000Y	G
28	Head CG, Redundant	Z	KEAC085	Accel.,1/2 bridge	Endevco	7264-2000Z	G
29	Neck Force	X	GPUN01FX	Load cell, six axis neck	R. A. Denton	1716A	N
30	Neck Force	Y	GPUN01FY	Load cell, six axis neck	R. A. Denton	1716A	N
31	Neck Force	Z	GPUN01FZ	Load cell, six axis neck	R. A. Denton	1716A	N
32	Neck Moment	X	GPUN01MX	Load cell, six axis neck	R. A. Denton	1716A	Nm
33	Neck Moment	Y	GPUN01MY	Load cell, six axis neck	R. A. Denton	1716A	Nm
34	Neck Moment	Z	GPUN01MZ	Load cell, six axis neck	R. A. Denton	1716A	Nm
35	Upper Rib Primary	Y	KEAC066	Accel.,1/2 bridge	Endevco	7264-2000X	G
36	Lower Rib, Primary	Y	KEAC067	Accel.,1/2 bridge	Endevco	7264-2000Y	G
37	Lower Spine, Primary	Y	KEAC068	Accel.,1/2 bridge	Endevco	7264-2000Z	G
38	Pelvis, Primary	Y	KEAC079	Accel.,1/2 bridge	Endevco	7264-2000X	G
39	Upper Rib Redundant	Y	KEAC073	Accel.,1/2 bridge	Endevco	7264-2000X	G
40	Lower Rib, Redundant	Y	KEAC074	Accel.,1/2 bridge	Endevco	7264-2000Y	G
41	Lower Spine, Redundant	Y	KEAC075	Accel.,1/2 bridge	Endevco	7264-2000Z	G
42	Pelvis, Redundant	Y	KEAC081	Accel.,1/2 bridge	Endevco	7264-2000X	G
43	Thorax Contact	Y	T0	Contact Switch	Tapeswitch	8 oz. Grey	%
44	Pelvis Contact	Y	T0	Contact Switch	Tapeswitch	8 oz. Grey	%

55/28 km/h Side Impact NCAP
Instrumentation Data Channel Assignments
Vehicle Accelerometers
9/19/03
2003 Honda Accord LX 4 Door Sedan

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
45	Right at Sill Front Seat	X	KETX2A	Accel., Triax	I.C. Sensor	3031-200	G
46	Right at Sill Front Seat	Y	KETX2B	Accel., Triax	I.C. Sensor	3031-200	G
47	Right at Sill Front Seat	Z	KETX2C	Accel., Triax	I.C. Sensor	3031-200	G
48	Right at Sill Rear Seat	X	KETX3A	Accel., Triax	I.C. Sensor	3031-500	G
49	Right at Sill Rear Seat	Y	KETX3B	Accel., Triax	I.C. Sensor	3031-500	G
50	Right at Sill Rear Seat	Z	KETX3C	Accel., Triax	I.C. Sensor	3031-500	G
51	Rear Floorpan Above Axle	X	KETX4A	Accel., Triax	I.C. Sensor	3031-500	G
52	Rear Floorpan Above Axle	Y	KETX4B	Accel., Triax	I.C. Sensor	3031-500	G
53	Rear Floorpan Above Axle	Z	KETX4C	Accel., Triax	I.C. Sensor	3031-500	G
54	Left Sill at Rear Door	Y	KEVA012	Accel., Vehicle block	I.C. Sensor	3031-500	G
55	Left Sill at Front Door	Y	KEVA001	Accel., Vehicle block	I.C. Sensor	3031-500	G
56	Left Front Door Centerline	Y	ICST004X	Accel., Triax	I.C. Sensor	3031-500	G
57	Rear Occupant Compartment	Y	KEVA006	Accel., Vehicle block	I.C. Sensor	3031-500	G
58	Left Front Door Mid-Rear	Y	ICST004Y	Accel., Triax	I.C. Sensor	3031-500	G
59	Left Front Door Upper Centerline	Y	ICST004Z	Accel., Triax	I.C. Sensor	3031-500	G
60	Rear Door Mid-Rear	Y	ICST005X	Accel., Triax	I.C. Sensor	3031-500	G
61	Rear Door Upper Centerline	Y	ICST005Y	Accel., Triax	I.C. Sensor	3031-500	G
62	B-Post Lower	Y	KEBX2A	Accel., Biax	I.C. Sensor	3031-500	G
63	B-Post Middle	Y	KEBX2B	Accel., Biax	I.C. Sensor	3031-500	G
64	A-Post Lower	Y	KEBX1A	Accel., Biax	I.C. Sensor	3031-200	G
65	A-Post Middle	Y	KEBX1B	Accel., Biax	I.C. Sensor	3031-500	G
66	Front Seat Track	Y	KEIC008Y	Single	I.C. Sensor	3031-500	G
67	Rear Seat Structure	Y	N/A	N/A	N/A	N/A	N/A
68	Vehicle CG	X	KETX2A	Accel., Triax	I.C. Sensor	3031-200	G
69	Vehicle CG	Y	KETX2B	Accel., Triax	I.C. Sensor	3031-200	G
70	Vehicle CG	Z	KETX2C	Accel., Triax	I.C. Sensor	3031-200	G

**55/28 km/h Side Impact NCAP
Instrumentation Data Channel Assignments
Moving Deformable Barrier
9/19/03
2003 Honda Accord LX 4 Door Sedan**

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
71	MDB CG	X	ICST001X	Accel., Triax	I.C. Sensor	3031-500	G
72	MDB CG	Y	ICST001Y	Accel., Triax	I.C. Sensor	3031-500	G
73	MDB CG	Z	ICST001Z	Accel., Triax	I.C. Sensor	3031-500	G
74	MDB Rear Centerline	X	ICST002X	Accel., Triax	I.C. Sensor	3031-50	G
75	MDB Rear Centerline	Y	ICST002Y	Accel., Triax	I.C. Sensor	3031-50	G
76	Right Bumper Contact	N/A	T0	Contact Switch	Tapeswitch	40 oz. Grey	%