

TYPE IMPACT:

- REAR MOVING BARRIER
- LEFT SIDE MOVING BARRIER
- RIGHT SIDE MOVING BARRIER
- OTHER

BARRIER TYPE:

- FLAT FACE
- CONTOURED
- OTHER

OTHER:

- MOB TO PARKED VEH-70% R.REAR IMPACT

TEST REPORT

REPORT NO. PG _____
 SRDL TEST NO. C11816
 TEST DATE JAN 28, 1998

Enclosure 7
 54 pages

VEHICLE DESCRIPTION

MAKE	YEAR	BODY TYPE	BODY STYLE	DIVISION CAR NO.	BUILD STATUS	
VOLKSWAGEN	98	SEDAN	4-DOOR	BW9183D	PRODUCTION	
ENGINE	CONFIGURATION	L4	DISPLACEMENT	2.0 L	PREVIOUS IMPACTS	NONE
	FUEL	GASOLINE	TRAILER HITCH			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> TYPE
	FUEL INDUCTION	N/D	SPARE TIRE TYPE			COMPACT
FUEL TANK	USABLE CAPACITY	55.0 L	UNUSABLE CAPACITY	N/D L	AC YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
SPECIAL FEATURES:						

TEST CONDITIONS

VELOCITY AT IMPACT		81.2 km/h	MOVING BARRIER			
TEST MASS		1371 kg	LOCATION	VEHICLE <input type="checkbox"/>	DRIVER SRP <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/>
			AT IMPACT			

VEHICLE			DUMMIES		
TEST MASS	LESS DUMMIES <input type="checkbox"/>	FRONT 853 kg	LEFT FRONT	MAKE GM50H	NO. 23
	INCLUDING DUMMIES <input checked="" type="checkbox"/>	REAR 576 kg		TYPE 50TH %ILE MALE	MASS 90.0 kg
		TOTAL 1429 kg		RESTRAINT	L/S & SIR
FUEL TANK	TEST VOLUME: CONTENTS	STODDARD SOLVENT	RIGHT FRONT	MAKE GM50H	NO. 25
	93 % OF USABLE CAPACITY=	51.2 L		TYPE 50TH %ILE MALE	MASS 90.0 kg
	FUEL LINES AND SYSTEM FILLED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		RESTRAINT	L/S & SIR
	VEHICLE SERVICE BRAKES ON @ IMPACT	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
SEAT POSITION	MID				
VEHICLE ATTITUDE					
J= DRIVER SIDE	175 mm	PASSENGER SIDE	175 mm		
K= DRIVER SIDE	190 mm	PASSENGER SIDE	190 mm		
COMMENTS:					
TEST CONFIGURATION:					

PHOTOGRAPHIC COVERAGE

OFFBOARD	OVER ALL	<input checked="" type="checkbox"/>	FUEL TANK	<input checked="" type="checkbox"/>
	REAR HALF	<input checked="" type="checkbox"/>	OVERHEAD	<input checked="" type="checkbox"/>
	PIT	<input checked="" type="checkbox"/>		
OTHER	ONBOARD-LF ATD	<input checked="" type="checkbox"/>		
	ONBOARD-RF ATD	<input checked="" type="checkbox"/>		

RECORDED DATA

FLOOR PAN ACCEL.	LONG <input type="checkbox"/>	LAT <input type="checkbox"/>	TRIAX <input type="checkbox"/>
FRAME ACCEL	LONG <input type="checkbox"/>	LAT <input type="checkbox"/>	TRIAX <input type="checkbox"/>
ROCKER PANEL ACCEL.	LONG <input type="checkbox"/>	LAT <input type="checkbox"/>	TRIAX <input checked="" type="checkbox"/>
RAD TIE BAR ACCEL	<input checked="" type="checkbox"/>	SEAT BACK ACCEL	<input checked="" type="checkbox"/>
UPPER ENGINE ACCEL	<input checked="" type="checkbox"/>	REAR SEATBACK ACCEL	<input checked="" type="checkbox"/>
SEAT O/B RAIL ACCEL	<input checked="" type="checkbox"/>	REAR FRAME RAIL ACC	<input checked="" type="checkbox"/>

POST-TEST OBSERVATIONS

		YES	NO	N/A	N/D	NOTE
D O O R S	ALL EXTERIOR DOORS REMAINED CLOSED	X				
	ALL EXTERIOR DOORS REMAINED LATCHED	X				
	ALL EXTERIOR DOOR HINGES REMAINED INTACT	X				
		LATCH OPERABLE		DISTANCE DOOR MAY BE OPENED (1)		
		YES	NO	OTHER		
	LEFT FRONT	X			FULL	mm
	RIGHT FRONT	X			0	mm
LEFT REAR	X			FULL	mm	
RIGHT REAR		X		0	mm	
(1) DISTANCE MEASURED BETWEEN DOOR OUTER SURFACE AND ADJACENT BODY OUTER SURFACE WHEN 450 N PULL IS APPLIED TO HANDLE.						
B O D Y	BODY TO-FRAME OR CRADLE MOUNTS REMAINED ATTACHED	X				
	SPARE TIRE REMAINED IN PLACE	X				
	TRUNK LID OR REAR HATCH REMAINED INTACT	X				
	TRUNK LID OR REAR HATCH REMAINED CLOSED	X				
D R I V E	REAR AXLE INTACT			X		1
	REAR AXLE DEFORMED			X		1
	DRIVESHAFT INTACT			X		1
	DRIVESHAFT DEFORMED			X		1
F U E L	FUEL TANK RETAINED	X				
	FILLER TUBE INTACT	X				
NOTE:						
1. VEHICLE WAS FRONT WHEEL DRIVEN.						
INTENDED OVERLAP=1176 MM; ACTUAL						
OVERLAP=1191 MM.						

VEHICLE DATA

REAR IMPACT					
VEHICLE	DRIVER SIDE	490	mm	FUEL TANK	DRIVER SIDE 24 mm
RESIDUAL CRUSH	PASSENGER SIDE	990	mm	RESIDUAL CRUSH	PASSENGER SIDE 115 mm
VEHICLE	DRIVER SIDE	N/D	mm	FUEL TANK	DRIVER SIDE 180 mm
DYNAMIC CRUSH	PASSENGER SIDE	N/D	mm	RESIDUAL DISP	PASSENGER SIDE 248 mm
SIDE IMPACT					
VEHICLE RESIDUAL CRUSH			FUEL TANK LATERAL RESIDUAL CRUSH		
FRONT	mm		FRONT	mm	REAR mm
MID	mm		FUEL TANK LATERAL RESIDUAL DISPLACEMENT		
REAR	mm		FRONT	mm	REAR mm

NOTE: (A) RESIDUAL CRUSH MEASUREMENTS +OR- 25mm, OTHER RESIDUAL MEASUREMENTS +OR- 5mm
 (B) GENERALIZED TOLERANCE CANNOT BE SPECIFIED FOR DYNAMIC MEASUREMENTS BECAUSE OF ACCURACY VARIATIONS DUE TO DIFFERENCES IN ANALYSIS TECHNIQUES.

A TOLERANCE FOR SPECIFIC TEST DATA CAN BE FURNISHED ON REQUEST.
 N/A NOT APPLICABLE N/D NOT DETERMINED

STRIKING VEHICLE
 STRUCK VEHICLE

REPORT NO. PG
 SRDL TEST NO.

PAGE NO. 3
C11816

FUEL SYSTEM INTEGRITY

FUEL SPILLAGE (MASS) AT BARRIER IMPACT SITE

DURING IMPACT 0 gm DURING FIRST FIVE MINUTES AFTER IMPACT 421.0 gm

AFTER FIRST FIVE MINUTES: N/D gm

COMMENTS: _____
 STODDARD SOLVENT SPILLAGE EXCEEDED ALLOWED LIMIT DURING FIRST FIVE MINUTE
 TIME PERIOD, COLLECTION TERMINATED.

FUEL SPILLAGE DURING STATIC ROLLOVER

ROLL DIRECTION: POSITIVE NEGATIVE
 ROLL RATE-APPROXIMATELY 2 MINUTES PER 90 DEGREE INCREMENT
 ROLL DATE _____

POSITIVE ROLL



ROLL INCREMENTS	FUEL SPILLAGE BY MASS		
	FIRST 5 MINUTES OF ROLL INCREMENT	FOR NEXT MINUTE	FOR NEXT MINUTE
0-90	**** gm	N/A gm	N/A gm
90-180	N/A gm	N/A gm	N/A gm
180-270	N/A gm	N/A gm	N/A gm

COMMENTS: ****
 VEHICLE ROLL CANCELED DUE TO EXCESSIVE SPILLAGE AT BARRIER IMPACT SITE.

ROLL DIRECTION: POSITIVE NEGATIVE
 ROLL RATE-APPROXIMATELY 2 MINUTES PER 90 DEGREE INCREMENT
 ROLL DATE _____

POSITIVE ROLL



ROLL INCREMENTS	FUEL SPILLAGE BY MASS		
	FIRST 5 MINUTES OF ROLL INCREMENT	FOR NEXT MINUTE	FOR NEXT MINUTE
0-90	N/A gm	N/A gm	N/A gm
90-180	N/A gm	N/A gm	N/A gm
180-270	N/A gm	N/A gm	N/A gm

COMMENTS: _____

DUMMY LOCATION IN VEHICLE

The following values reflect the dummy location in the test vehicle in corporate body coordinates. The location is determined relative to the specific vehicle platform front fiducial mark.

BODY COORDINATES (mm)

	LONGITUDINAL	VERTICAL
<u>LEFT FRONT PASSENGER</u>		
HEAD	<u>393</u>	<u>902</u>
HIP	<u>280</u>	<u>248</u>
KNEE	<u>100</u>	<u>370</u>
PELVIC ANGLE	<u>22.3</u>	SEAT BACK ANGLE <u>9.3</u>
<u>RIGHT FRONT PASSENGER</u>		
HEAD	<u>351</u>	<u>937</u>
HIP	<u>245</u>	<u>284</u>
KNEE	<u>147</u>	<u>374</u>
PELVIC ANGLE	<u>21.0</u>	SEAT BACK ANGLE <u>9.8</u>

Dummy lateral location: 0 mm relative to SEAT C/L

Comments: REFERENCE VALUES TAKEN FROM FRONT OUTBOARD SEAT

BOLT, SEAT BOLT REF. SET AT; X=0, Y=0, Z=0. SEAT

BACK ANGLE MEASURED AT SEAT BACK ACCEL LOCATION.

TEST DATA PROBLEM SUMMARY

C11816 8W9183D SC 81.2 KM/H
LTV MDB TO STATIONARY VEHICLE - R. REAR IMPACT 70 % OVERLAP
Test Engineer: T.J.Sienkiewicz Test Date: 01/28/98

See last page of report for statistics.

L. FRT SEAT BACK
LONGITUDINAL ACCELERATION

CHANNEL 63 Error Code 11
PLOT NUMBER 51 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

L. FRT SEAT BACK
VERTICAL ACCELERATION

CHANNEL 65 Error Code 11
PLOT NUMBER 53 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. FRT SEAT BACK
LONGITUDINAL ACCELERATION

CHANNEL 66 Error Code 11
PLOT NUMBER 54 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. FRT SEAT BACK
LATERAL ACCELERATION

CHANNEL	67	Error Code	11
PLOT NUMBER	55	LOST?	no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. FRT SEAT BACK
VERTICAL ACCELERATION

CHANNEL	68	Error Code	11
PLOT NUMBER	56	LOST?	no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR ROCKER
LONGITUDINAL ACCELERATION

CHANNEL	78	Error Code	11
PLOT NUMBER	66	LOST?	no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR ROCKER
LATERAL ACCELERATION

CHANNEL	79	Error Code	11
PLOT NUMBER	67	LOST?	no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR ROCKER
VERTICAL ACCELERATION

CHANNEL 80 Error Code 11
PLOT NUMBER 68 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

CTR REAR SEATBACK CLOSEOUT
LONGITUDINAL ACCELERATION

CHANNEL 81 Error Code 11
PLOT NUMBER 69 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

CTR REAR SEATBACK CLOSEOUT
LATERAL ACCELERATION

CHANNEL 82 Error Code 11
PLOT NUMBER 70 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

CTR REAR SEATBACK CLOSEOUT
VERTICAL ACCELERATION

CHANNEL 83 Error Code 11
PLOT NUMBER 71 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

L. REAR FRAME RAIL
LONGITUDINAL ACCELERATION

CHANNEL PLOT NUMBER	84 72	Error Code LOST?	15 no
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Remarks: TRANSDUCER WAS DAMAGED
DATA AFFECTED BY ACCELEROMETER ROTATION

L. REAR FRAME RAIL
LATERAL ACCELERATION

CHANNEL PLOT NUMBER	85 73	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

L. REAR FRAME RAIL
VERTICAL ACCELERATION

CHANNEL PLOT NUMBER	86 74	Error Code LOST?	14 no
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Data Invalid after 40 ms.
Remarks: TRANSDUCER WIRES WERE DAMAGED/CUT
DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR FRAME RAIL
LONGITUDINAL ACCELERATION

CHANNEL PLOT NUMBER	87 75	Error Code LOST?	14 no
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Data Invalid after 17 ms.
Remarks: TRANSDUCER WIRES WERE DAMAGED/CUT
TRANSDUCER WAS DAMAGED

R. REAR FRAME RAIL LATERAL ACCELERATION	CHANNEL PLOT NUMBER 88 76	Error Code 14 LOST? no
Data Invalid after 18 ms.		
Remarks: TRANSDUCER WIRES WERE DAMAGED/CUT TRANSDUCER WAS DAMAGED		

R. REAR FRAME RAIL VERTICAL ACCELERATION	CHANNEL PLOT NUMBER 89 77	Error Code 14 LOST? no
Data Invalid after 18 ms.		
Remarks: TRANSDUCER WIRES WERE DAMAGED/CUT TRANSDUCER WAS DAMAGED		

The total number of channels recorded for this test: 95 Total lost channels: 0

LEFT FRONT
 ANTHROPOMORPHIC TEST DEVICE SUMMARY DATA
 LTV MDB TO STATIONARY VEHICLE 81.2KM/H

C11816 R.REAR IMP 70% OVERLAP
 SC 8W9183D 4-DOOR

ATD TYPE: GM50H
 TEST DATE: 01/28/1998

MEASURED QUANTITY	100% OF IARV	150% OF IARV	IARV VALUE	IARV
HIC, LIMITED TO 15 MS			150	1000
HIC, LIMITED TO 36 MS			150	1000
NECK FLEXION			19NM	190NM
NECK EXTENSION			15NM	57NM
NECK TENSION			747N	3300N
NECK COMPRESSION			287N	4000N
NECK SHEAR FORWARD			414N	3100N
NECK SHEAR REARWARD			11N	3100N
NECK TENSION DUR ASSESS			0.36	1.00
NECK COMPRESSION DUR ASSESS			0.07	1.00
NECK SHEAR FWD DUR ASSESS			0.15	1.00
NECK SHEAR RWD DUR ASSESS			0.00	1.00
CHEST ACCEL			14G	60G
† CHEST COMPRESSION W/O SH BELT			0.0MM	65.0MM †
† CHEST COMPRESSION W/ SH BELT			0.0MM	50.0MM †
CHEST VISCOUS CRITERIA			0.00M/SEC	1.00M/SEC
FEMUR COMP, LEFT			504N	10000N
FEMUR COMP, RIGHT			487N	10000N
FEMUR DURATION ASSESS, LEFT			0.06	1.00
FEMUR DURATION ASSESS, RIGHT			0.06	1.00
TIBIA/FEMUR DISP, LEFT			*	15.0MM
TIBIA/FEMUR DISP, RIGHT			*	15.0MM
KNEE CLEVIS, LEFT INSIDE			*	4000N
KNEE CLEVIS, LEFT OUTSIDE			*	4000N
KNEE CLEVIS, RIGHT INSIDE			*	4000N
KNEE CLEVIS, RIGHT OUTSIDE			*	4000N
TIBIA COMP, LEFT			*	8000N
TIBIA COMP, RIGHT			*	8000N
TIBIA MOM, UPPER, LEFT			*	225NM
TIBIA MOM, UPPER, RIGHT			*	225NM
TIBIA MOM, LOWER, LEFT			*	225NM
TIBIA MOM, LOWER, RIGHT			*	225NM
LEG INDEX, UPPER LEFT			*	1.00
LEG INDEX, UPPER RIGHT			*	1.00
LEG INDEX, LOWER LEFT			*	1.00
LEG INDEX, LOWER RIGHT			*	1.00

IARV - INJURY ASSESSMENT VALUE

IARV - INJURY ASSESSMENT REFERENCE VALUE

* NOT MEASURED, THIS TEST

† RESTRAINT SYSTEM DEPENDENT. CHOOSE
 VALUE THAT APPLIES TO THIS TEST.

PROCESSED 01/28/1998 09:08 V2.07

RIGHT FRONT
 ANTHROPOMORPHIC TEST DEVICE SUMMARY DATA
 LTV MDB TO STATIONARY VEHICLE 81.2KM/H

C11816 R.REAR IMP 70% OVERLAP

SC 8W9183D 4-DOOR

ATD TYPE: GM50H

TEST DATE: 01/28/1998

MEASURED QUANTITY	100% OF IARV	150% OF IARV	IARV VALUE	IARV
HIC, LIMITED TO 15 MS			560	1000
HIC, LIMITED TO 36 MS			560	1000
NECK FLEXION			35NM	190NM
NECK EXTENSION			19NM	57NM
NECK TENSION			652N	3300N
NECK COMPRESSION			1125N	4000N
NECK SHEAR FORWARD			148N	3100N
NECK SHEAR REARWARD			343N	3100N
NECK TENSION DUR ASSESS			0.22	1.00
NECK COMPRESSION DUR ASSESS			0.29	1.00
NECK SHEAR FWD DUR ASSESS			0.06	1.00
NECK SHEAR RWD DUR ASSESS			0.11	1.00
CHEST ACCEL			15G	60G
† CHEST COMPRESSION W/O SH BELT †			0.8MM	65.0MM †
† CHEST COMPRESSION W/ SH BELT †			0.8MM	50.0MM †
CHEST VISCOUS CRITERIA			0.00M/SEC	1.00M/SEC
FEMUR COMP, LEFT			549N	10000N
FEMUR COMP, RIGHT			503N	10000N
FEMUR DURATION ASSESS, LEFT			0.07	1.00
FEMUR DURATION ASSESS, RIGHT			0.06	1.00
TIBIA/FEMUR DISP, LEFT			*	15.0MM
TIBIA/FEMUR DISP, RIGHT			*	15.0MM
KNEE CLEVIS, LEFT INSIDE			*	4000N
KNEE CLEVIS, LEFT OUTSIDE			*	4000N
KNEE CLEVIS, RIGHT INSIDE			*	4000N
KNEE CLEVIS, RIGHT OUTSIDE			*	4000N
TIBIA COMP, LEFT			*	8000N
TIBIA COMP, RIGHT			*	8000N
TIBIA MOM, UPPER, LEFT			*	225NM
TIBIA MOM, UPPER, RIGHT			*	225NM
TIBIA MOM, LOWER, LEFT			*	225NM
TIBIA MOM, LOWER, RIGHT			*	225NM
LEG INDEX, UPPER LEFT			*	1.00
LEG INDEX, UPPER RIGHT			*	1.00
LEG INDEX, LOWER LEFT			*	1.00
LEG INDEX, LOWER RIGHT			*	1.00

IARV - INJURY ASSESSMENT VALUE

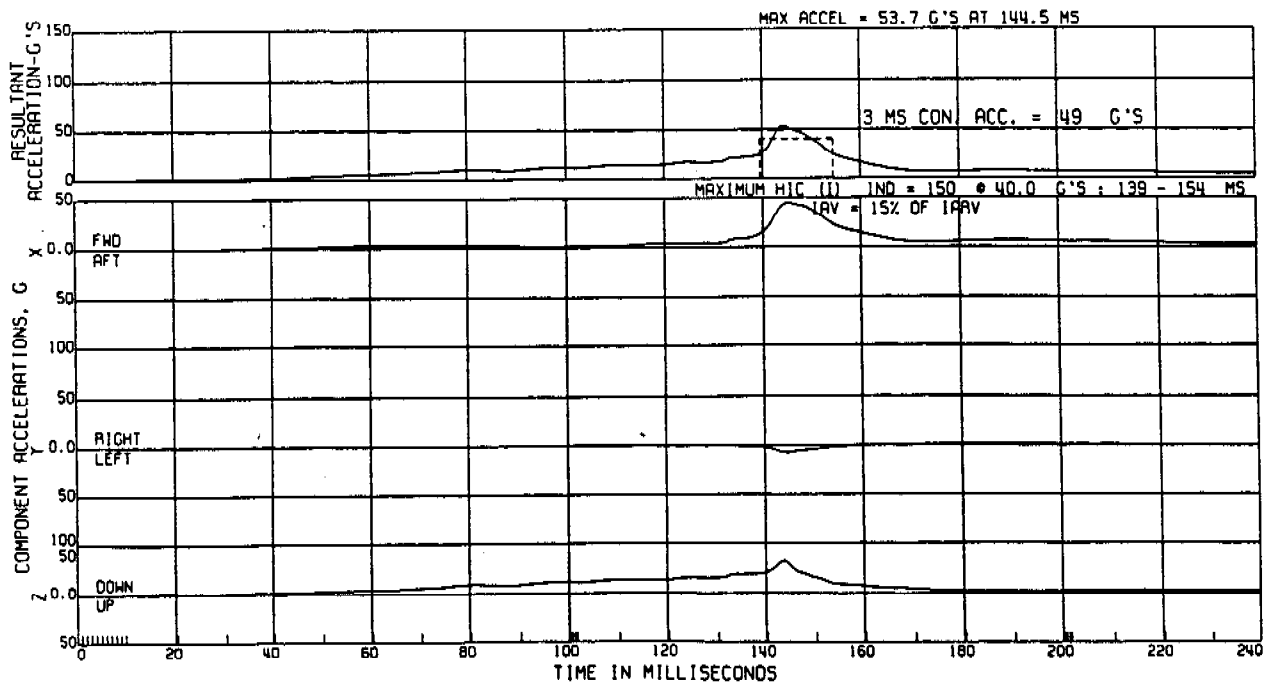
IARV - INJURY ASSESSMENT REFERENCE VALUE

* NOT MEASURED, THIS TEST

† RESTRAINT SYSTEM DEPENDENT. CHOOSE
 VALUE THAT APPLIES TO THIS TEST.

PROCESSED 01/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR L. FRT HEAD ACCEL. ATD TYPE: GMS0H
 ELEC DATA, SAE CLASS 1000 (HIC 1 LIMITED TO 15MS) TEST DATE:01/28/1998



C11816 R.REAR IMP 70% OVERLAP

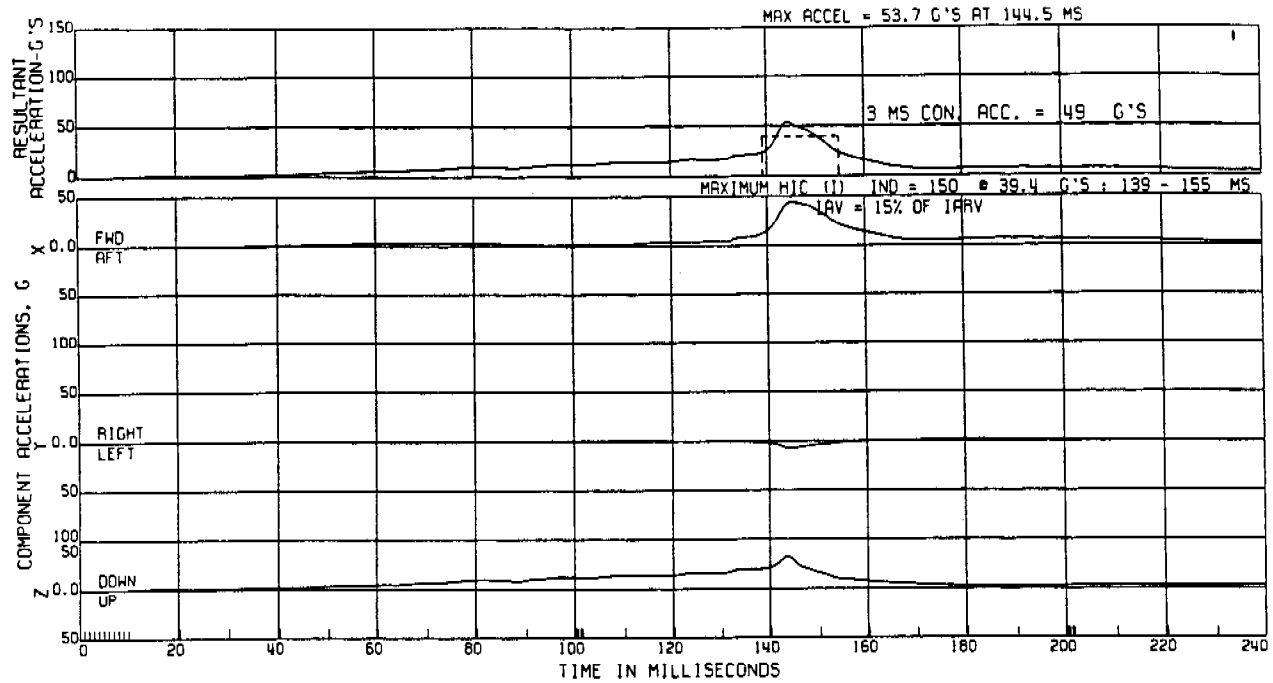
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

L. FRT HEAD ACCEL.
(HIC 1 LIMITED TO 36MS)

ATO TYPE: GM50H
TEST DATE:01/28/1998



2 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

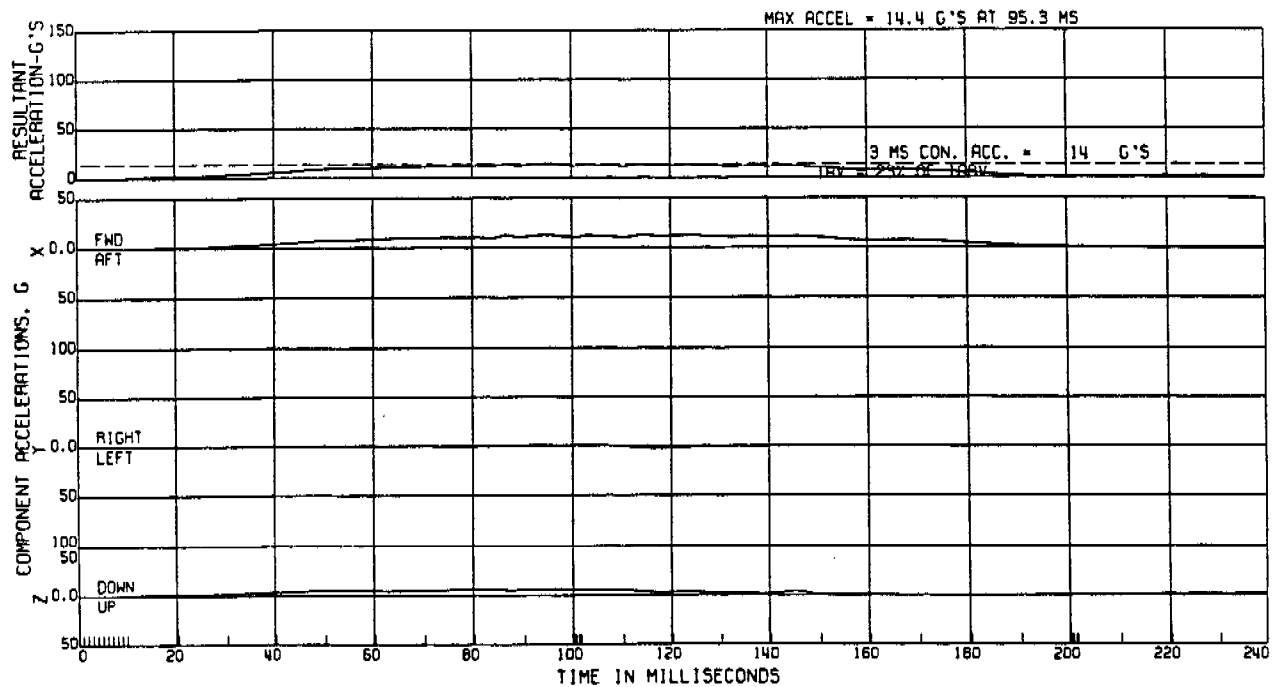
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 180

L. FRT CHEST ACCEL.

ATO TYPE: GM50H
TEST DATE:01/28/1998



3 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

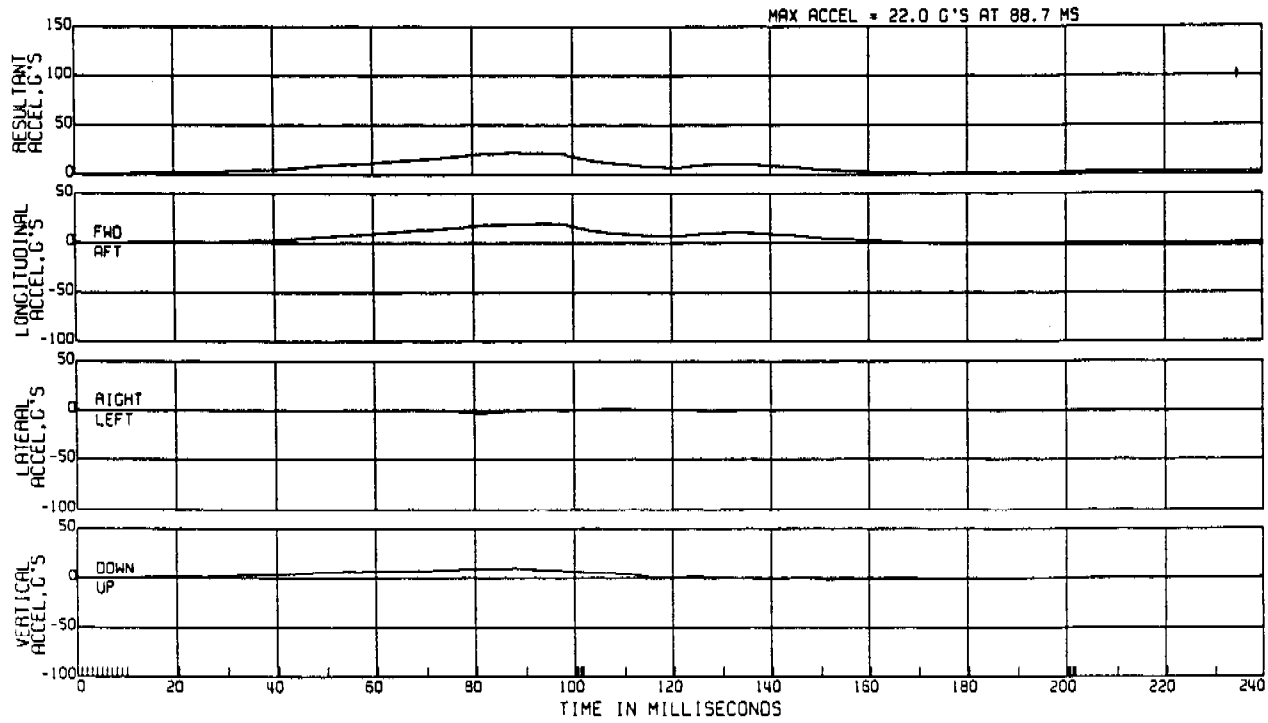
LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 1000

L. FRT PELVIC ACCEL.

ATO TYPE: GMSOH
TEST DATE: 01/28/1998



4 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

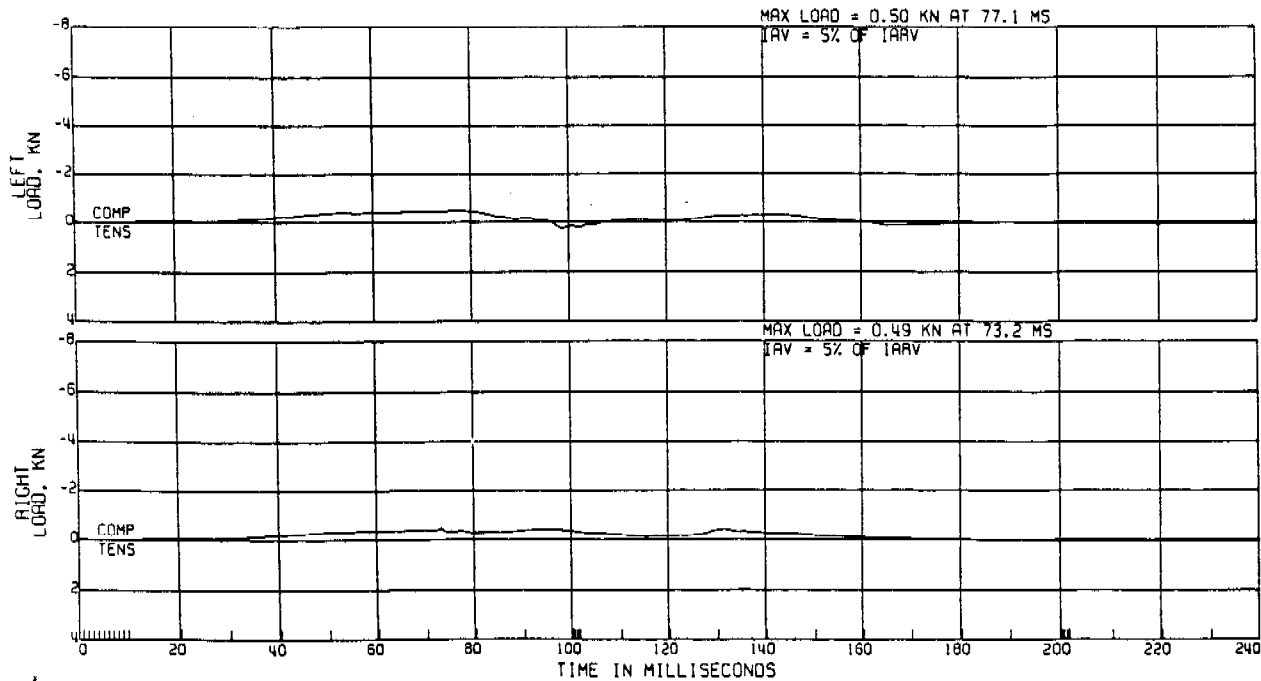
LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 600

L. FRT FEMUR LOAD

ATO TYPE: GMSOH
TEST DATE: 01/28/1998



5 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

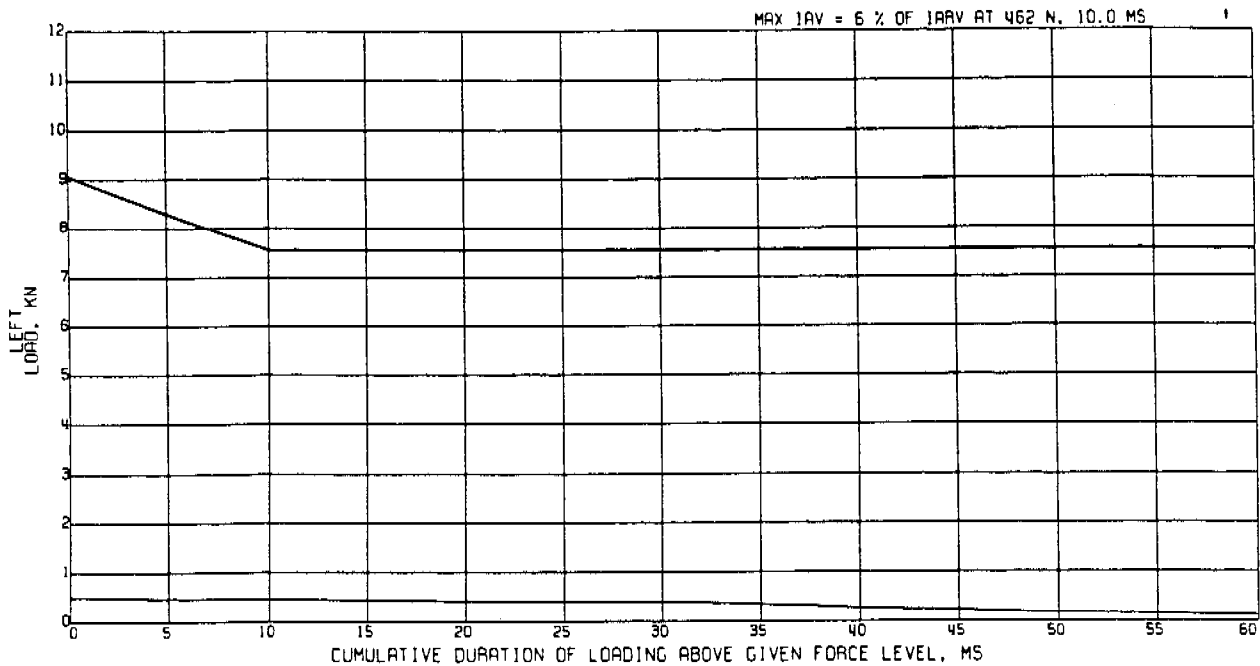
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 600

L. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GMS0H
TEST DATE:01/28/1998



6 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

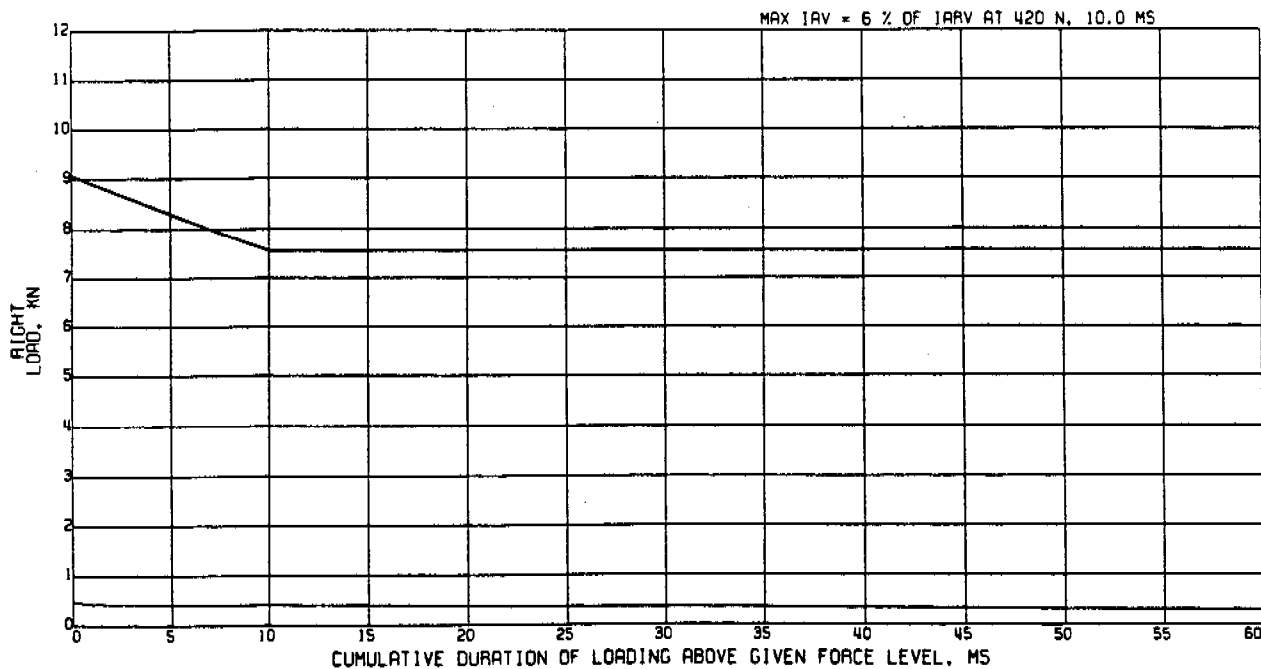
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 600

L. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GMS0H
TEST DATE:01/28/1998

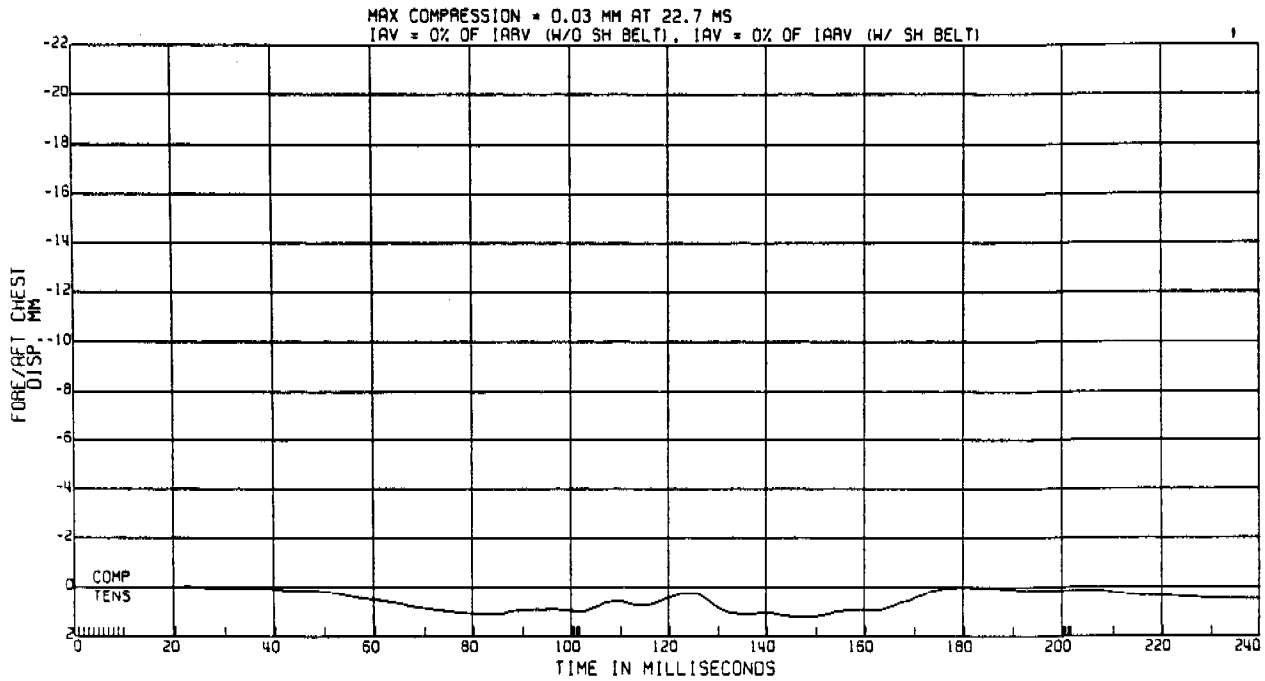


C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 180

L. FAT CHEST DISP, TEMP AT 68.4°F
NORMALIZED TO 70.7°F & PART 572 CORRIDOR

ATD TYPE: GMS0H
TEST DATE:01/28/1998



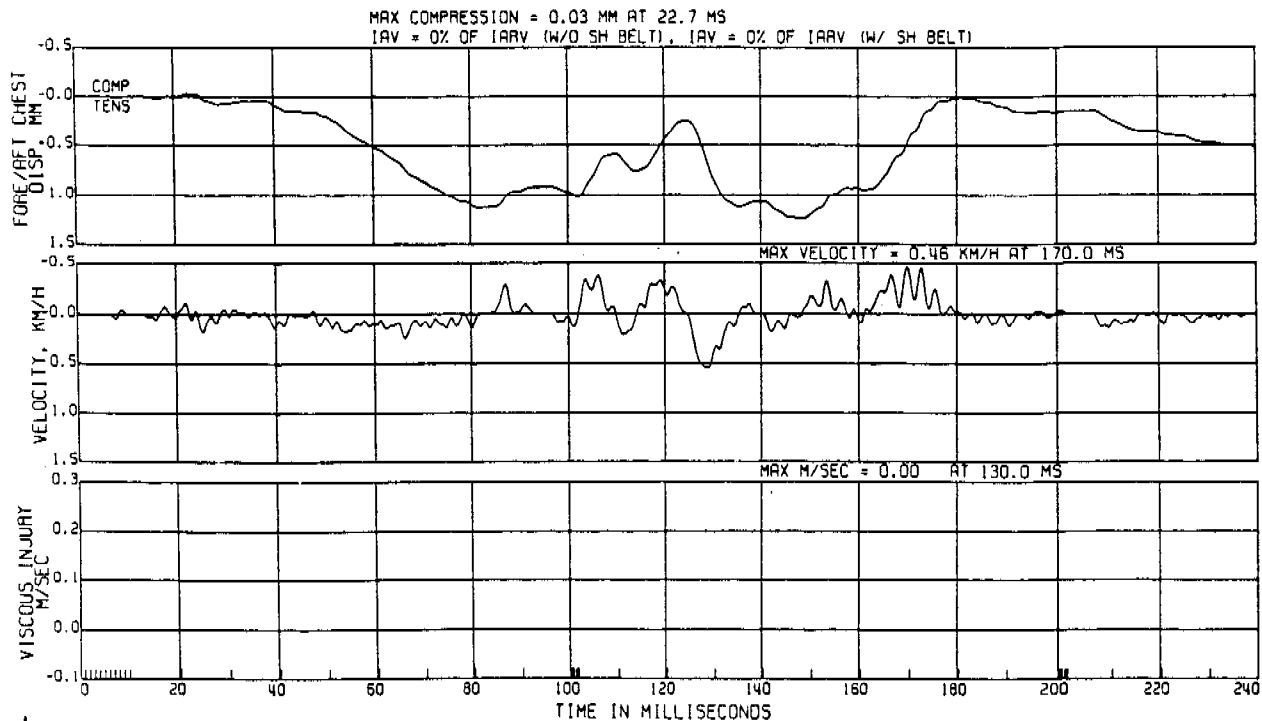
8 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 180

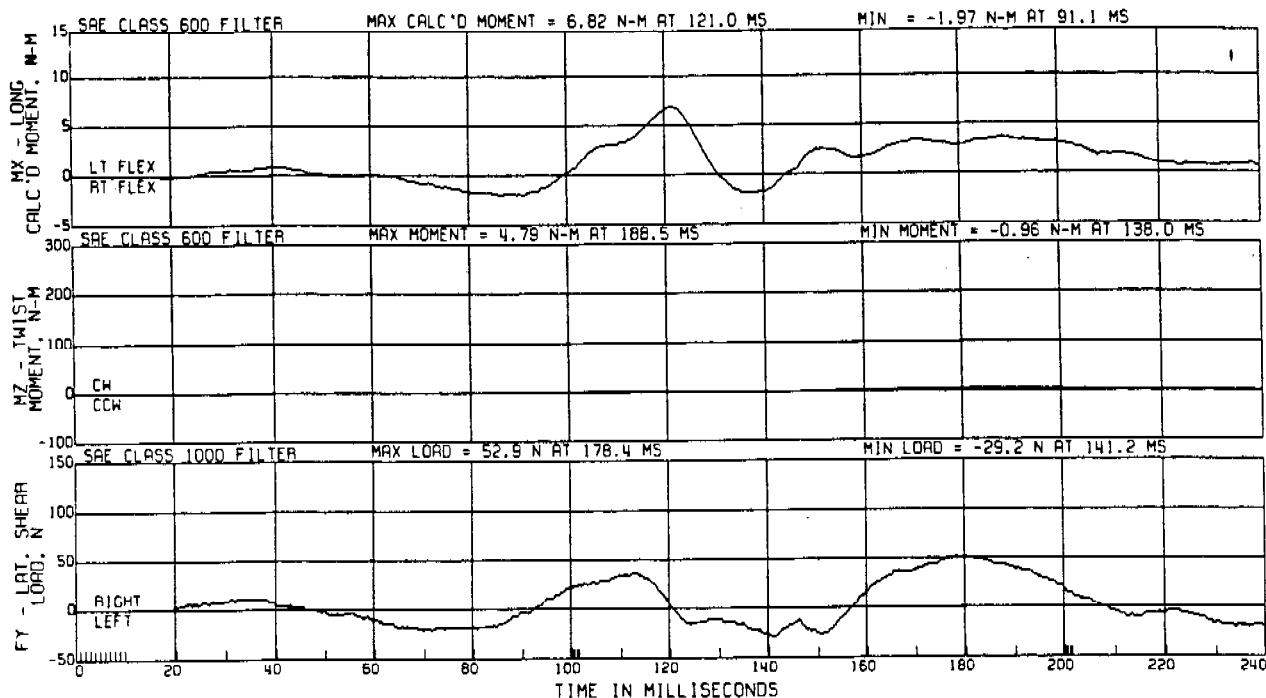
L. FAT CHEST COMPRESSIVE DISP.
NORMALIZED, W/CALC VEL & VISCOUS INJURY

ATD TYPE: GMS0H
TEST DATE:01/28/1998



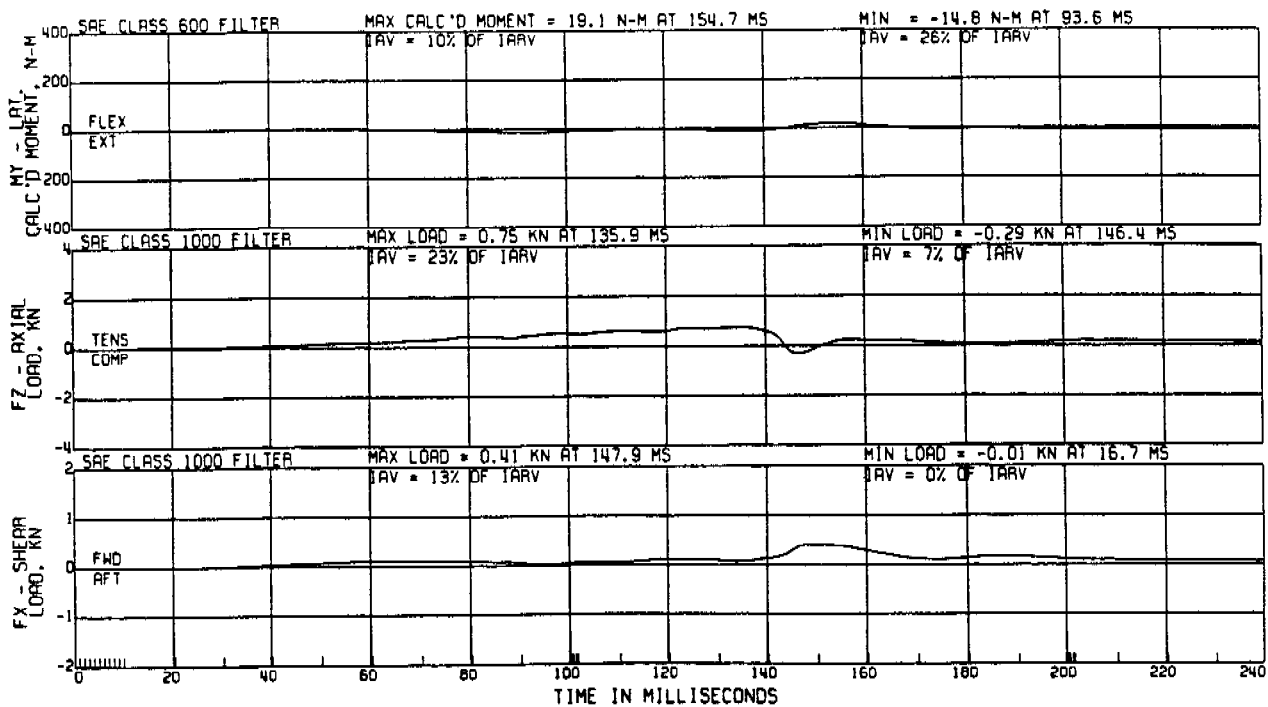
9 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR L. FRT NECK LOADING ON HEAD, UPPER LOAD ATD TYPE: GM50H
 ELEC DATA L. FRT NECK LOADING ON HEAD TEST DATE:01/28/1998



10 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR NECK LOADING ON HEAD ATD TYPE: GM50H
 ELEC DATA L. FRT NECK LOADING ON HEAD TEST DATE:01/28/1998

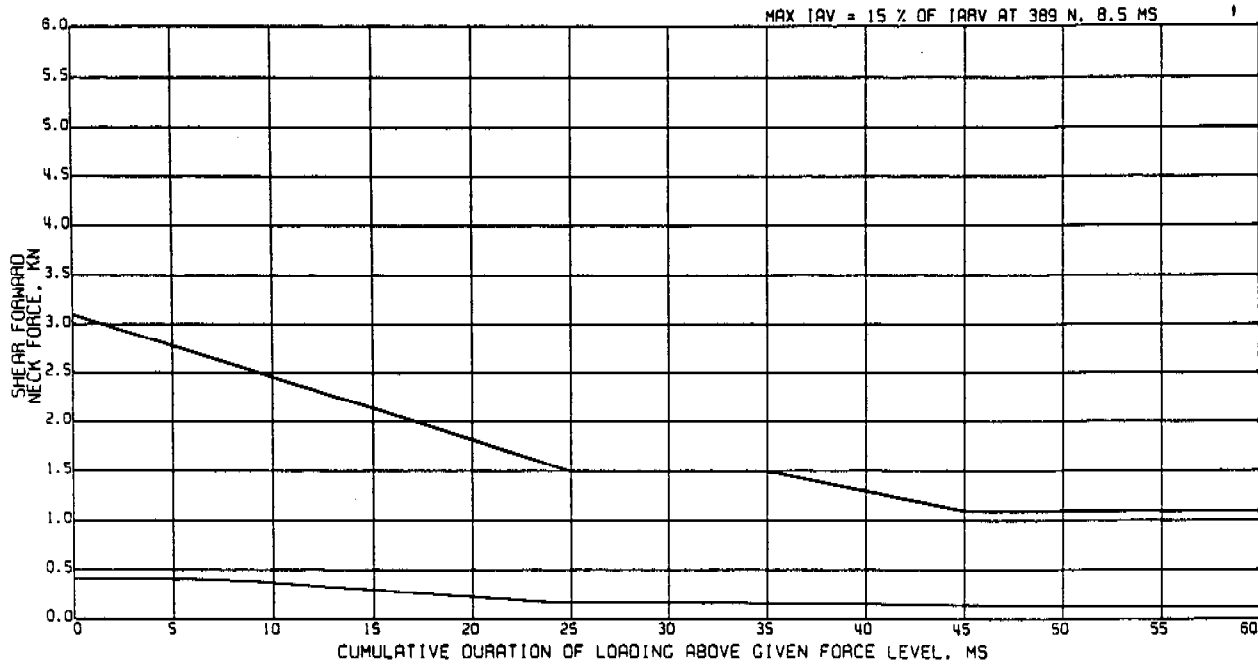


C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 1000

FORWARD NECK SHEAR ON HEAD.
L. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE:01/28/1998



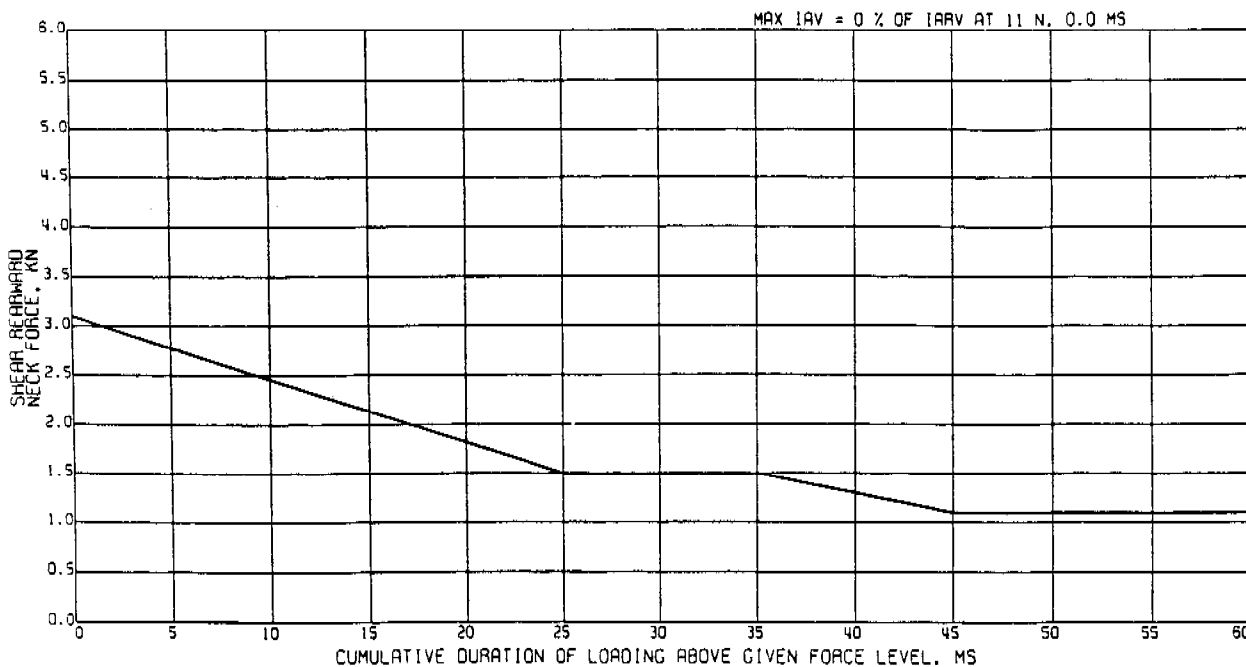
12 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 1000

REARWARD NECK SHEAR ON HEAD.
L. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE:01/28/1998



13 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

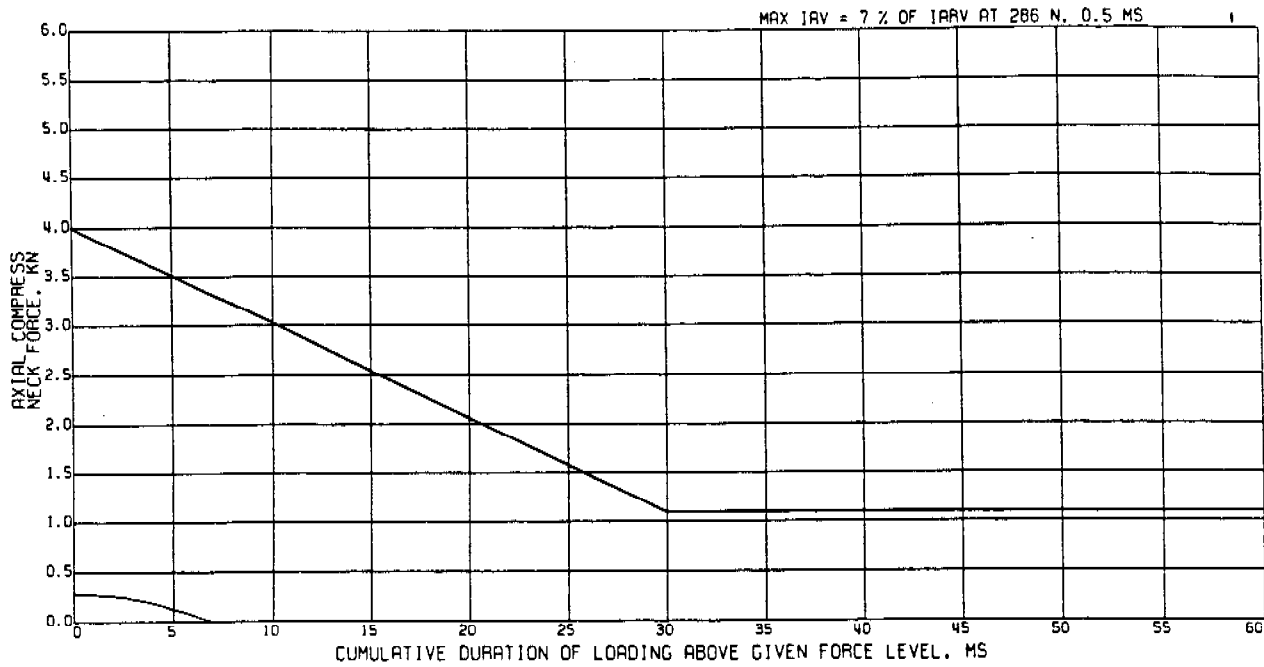
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

AXIAL COMPRESSION ON HEAD,
L. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE:01/28/1998



14 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

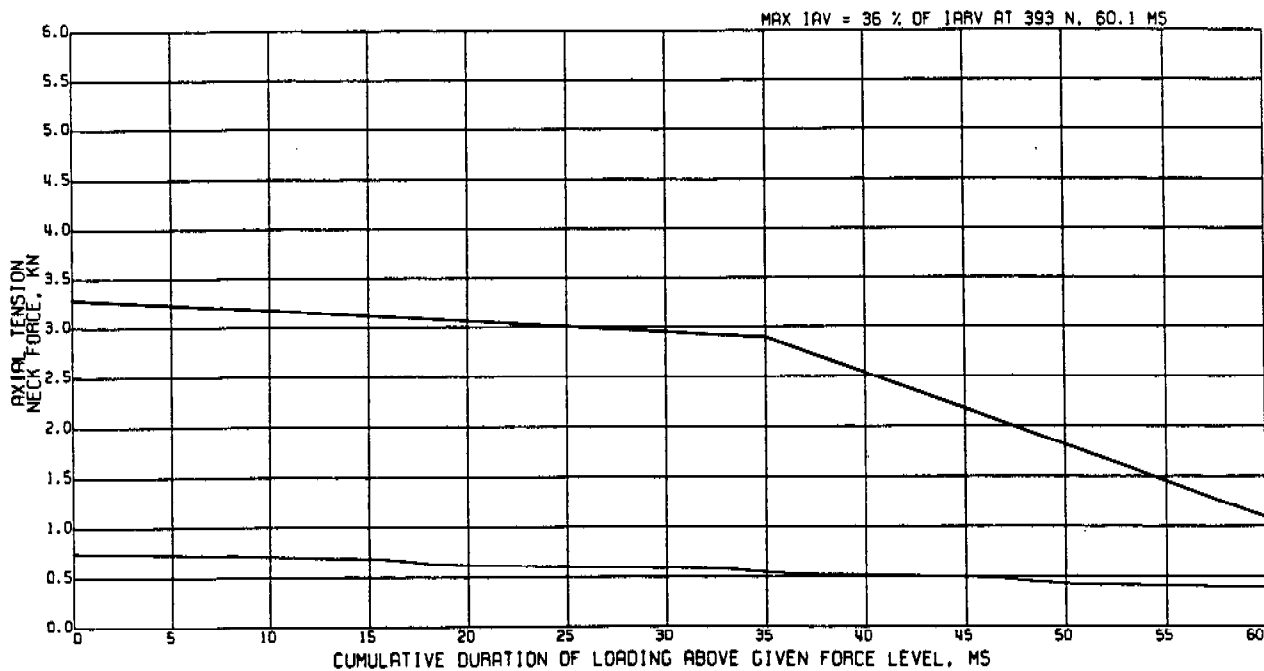
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

AXIAL TENSION ON HEAD,
L. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE:01/28/1998



C11816 R.REAR IMP 70% OVERLAP

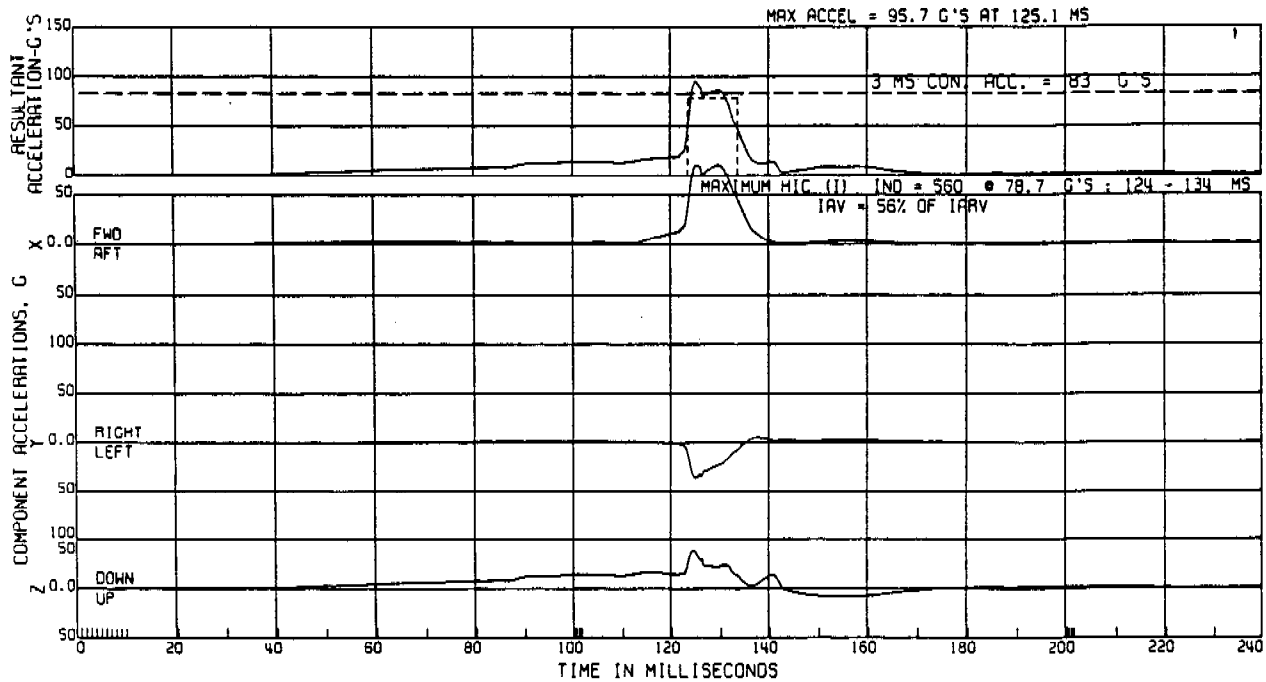
LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

R. FRT HEAD ACCEL.
(HIC I LIMITED TO 15MS)

ATD TYPE: GM50H
TEST DATE:01/28/1998



16 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

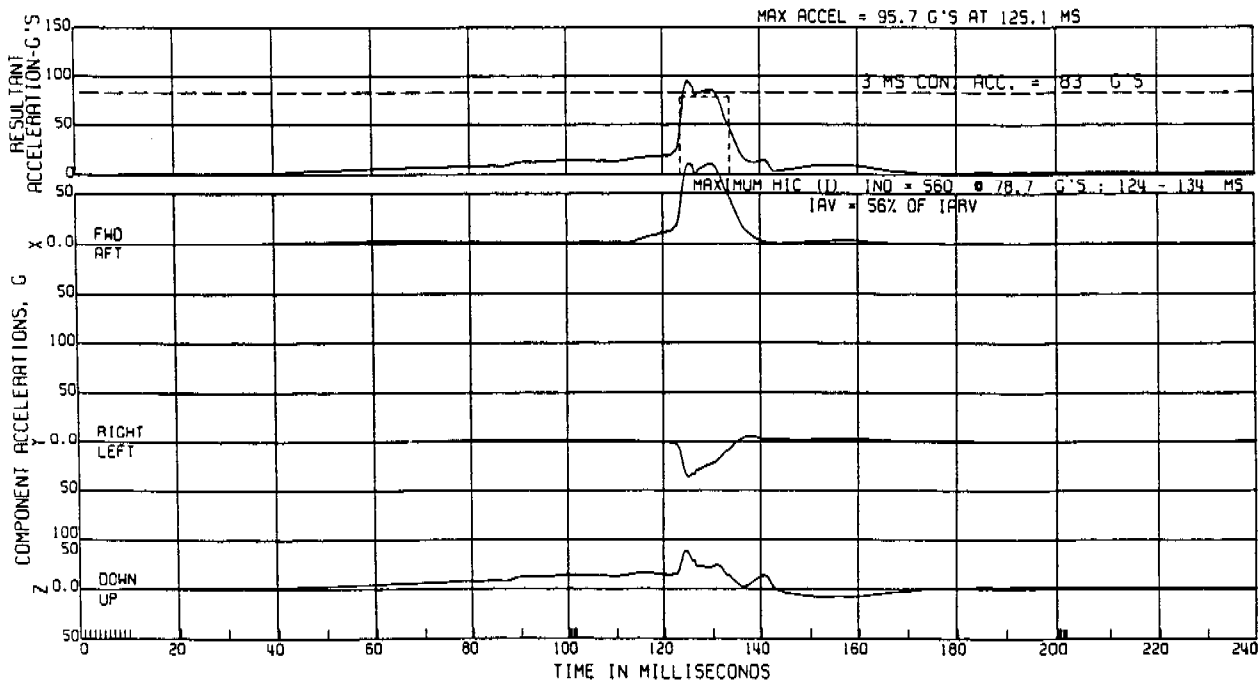
LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

R. FRT HEAD ACCEL.
(HIC I LIMITED TO 36MS)

ATD TYPE: GM50H
TEST DATE:01/28/1998



17 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC

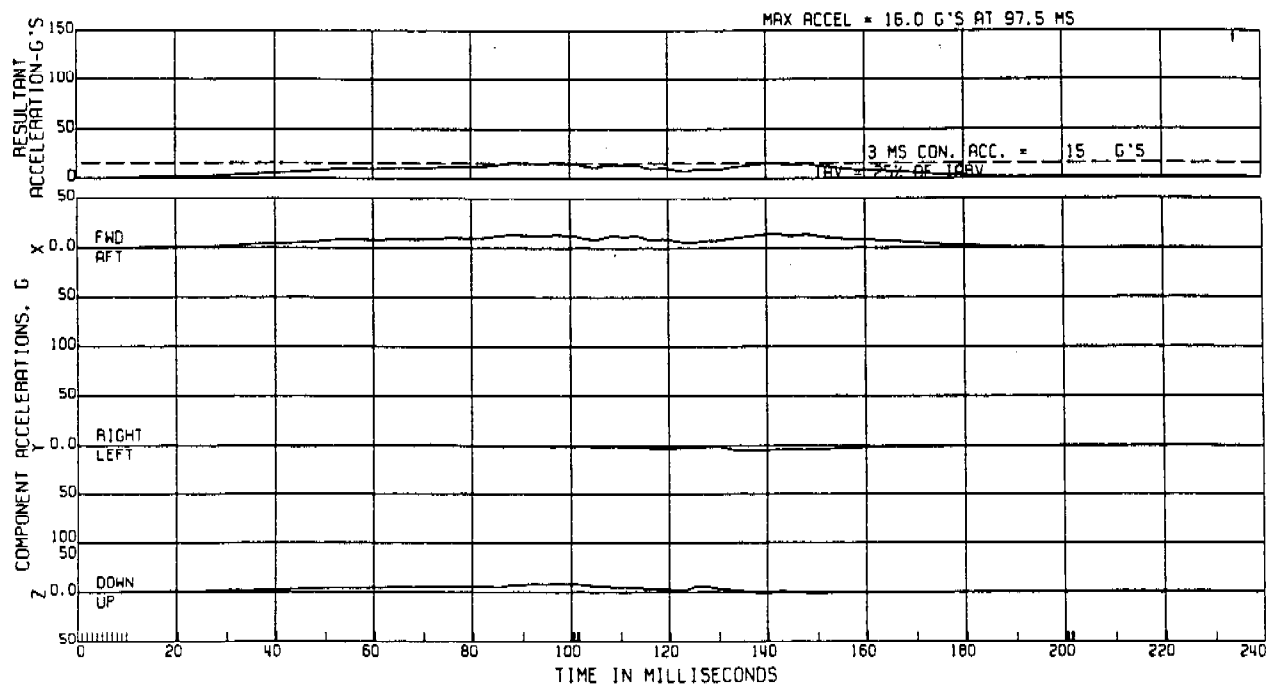
8W9183D 4-DOOR

R. FRT CHEST ACCEL.

ATD TYPE: GM50H

ELEC DATA, SAE CLASS 180

TEST DATE:01/28/1998



18 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC

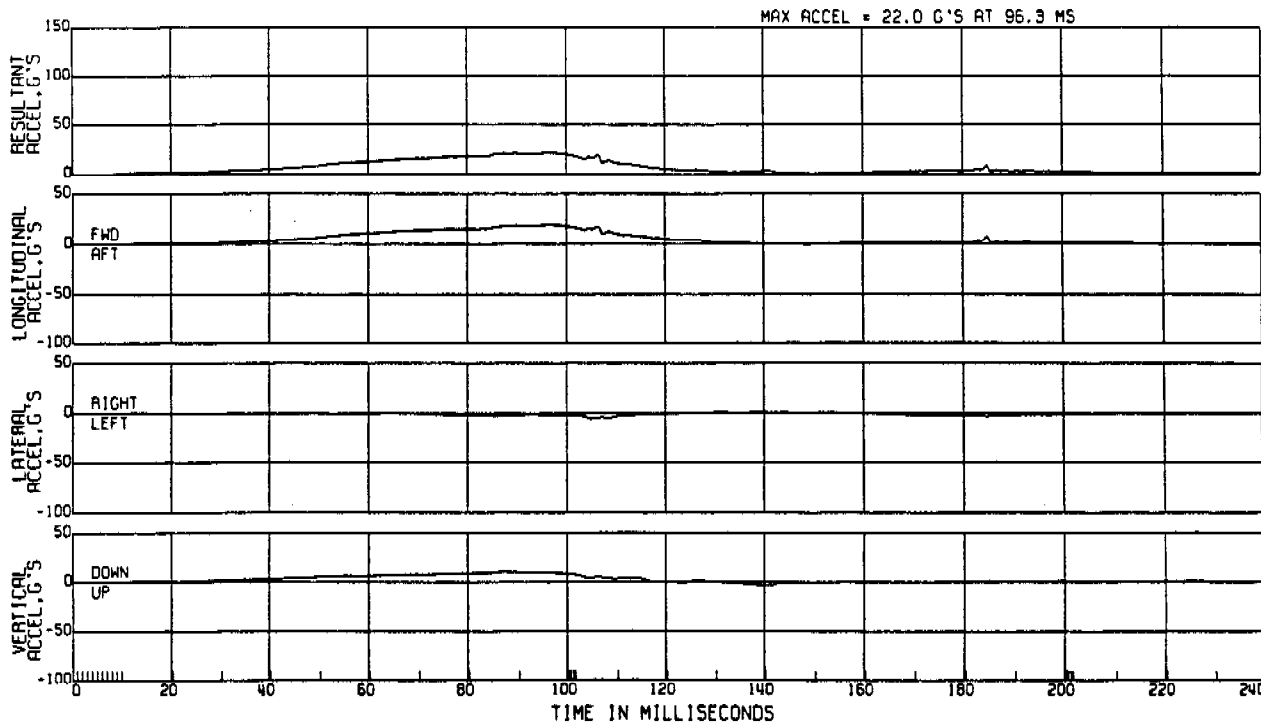
8W9183D 4-DOOR

R. FRT PELVIC ACCEL.

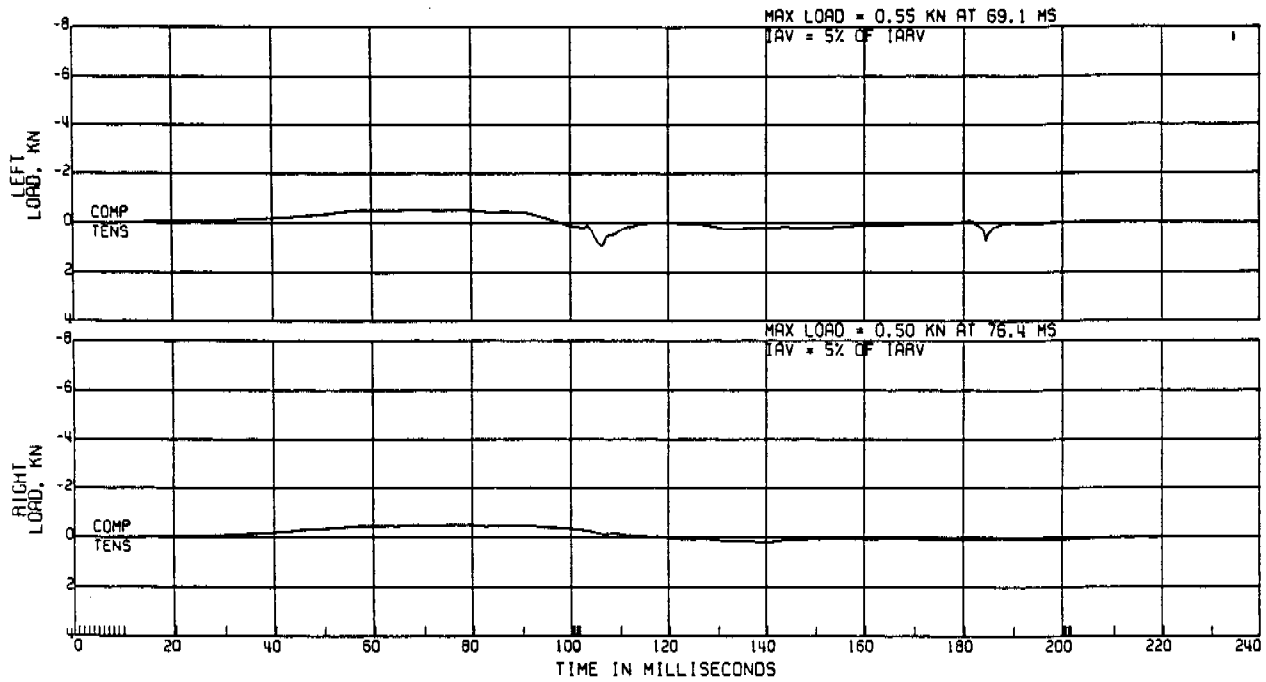
ATD TYPE: GM50H

ELEC DATA, SAE CLASS 1000

TEST DATE:01/28/1998

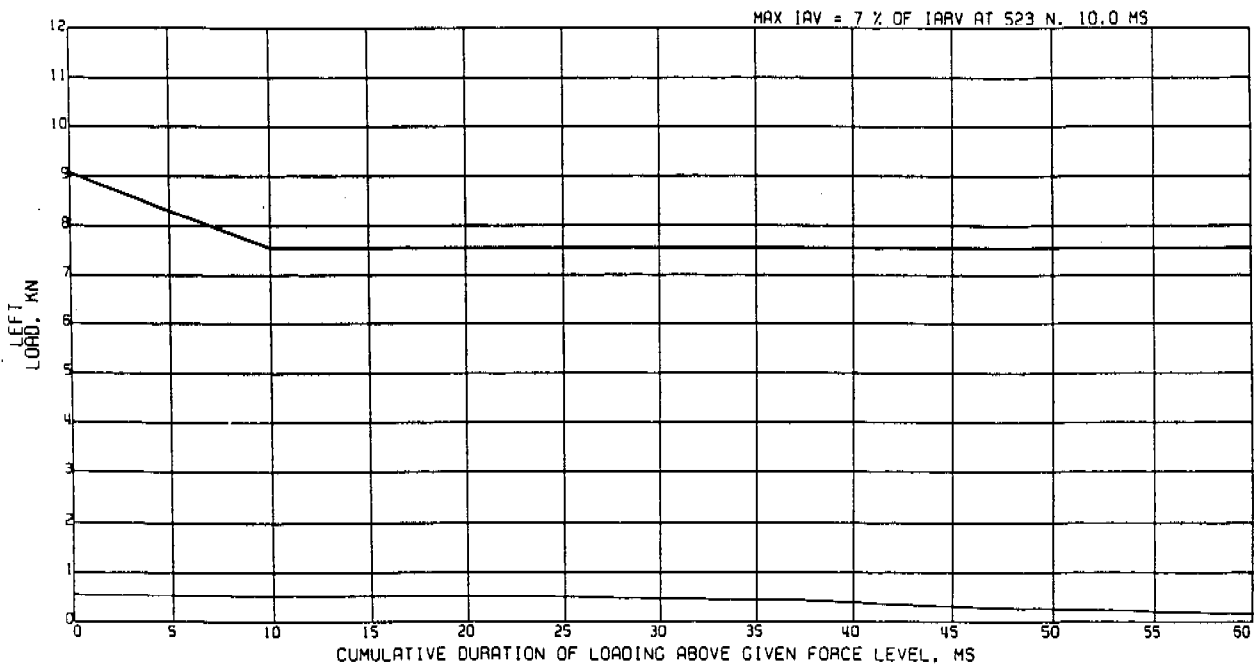


C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR R. FAT FEMUR LOAD ATD TYPE: GMS0H
 ELEC DATA, SAE CLASS 600 TEST DATE:01/28/1998



20 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR R. FAT FEMUR LOAD ATD TYPE: GMS0H
 ELEC DATA, SAE CLASS 600 DURATION ASSESSMENT TEST DATE:01/28/1998



21 PROCESSED 1/28/1998 09:07 V2.07

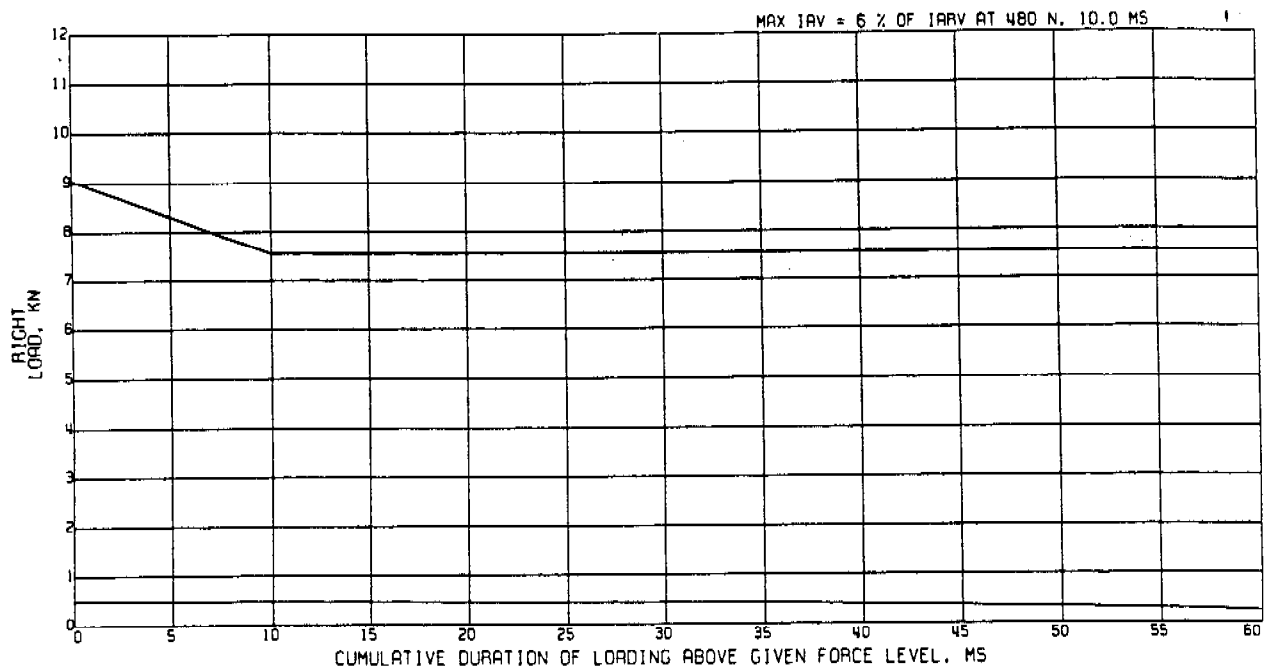
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 600

R. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GM50H
TEST DATE:01/28/1998



22 PROCESSED 1/28/1998 09:07 V2.07

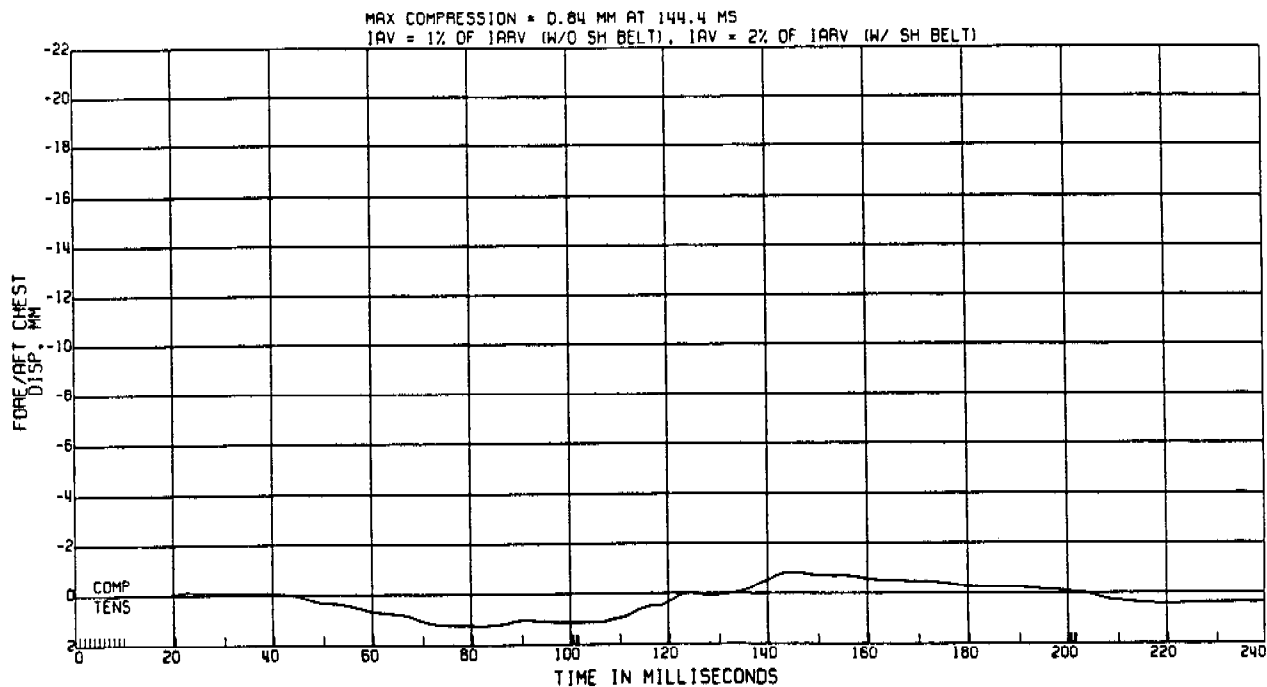
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

81.2KM/H

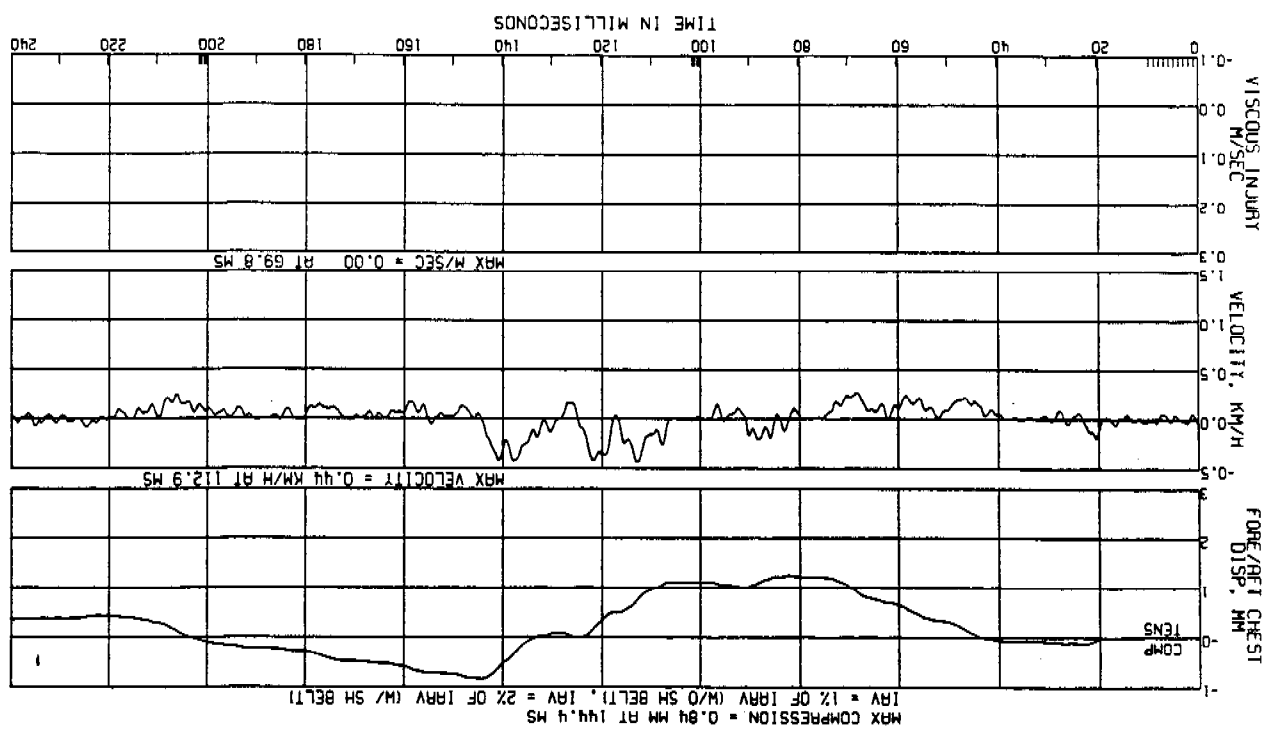
SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 180

R. FRT CHEST DISP. TEMP AT 68.4°F
NORMALIZED TO 70.7°F & PART 572 CORRIDOR

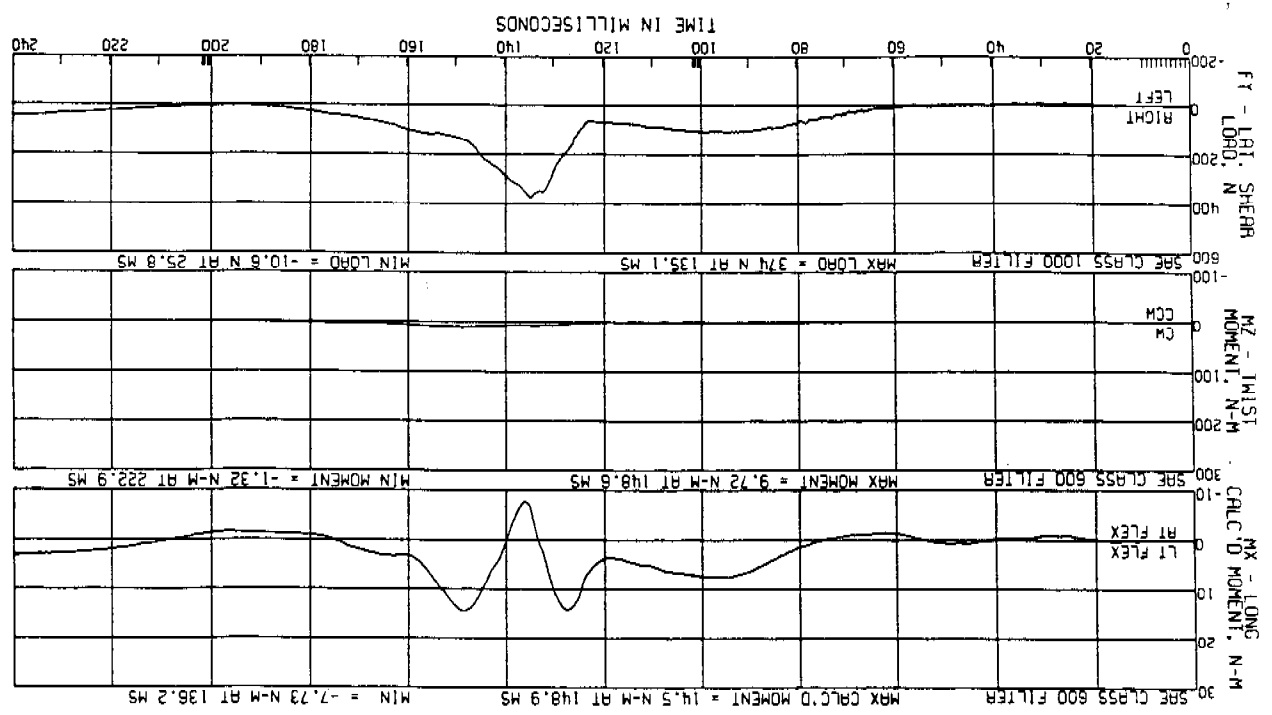
ATD TYPE: GM50H
TEST DATE:01/28/1998



C11816 R. REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-000R R. FAT CHEST COMPRESSIVE DISP.
 ELEC DATA, SAE CLASS 180
 R. FAT CHEST COMPRESSIVE DISP.
 TEST DATE: 01/28/1998
 ATD TYPE: GMSOH



C11816 R. REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-000R R. FAT NECK LOADING ON HEAD, UPPER LOAD
 ELEC DATA
 R. FAT NECK LOADING ON HEAD
 TEST DATE: 01/28/1998
 ATD TYPE: GMSOH

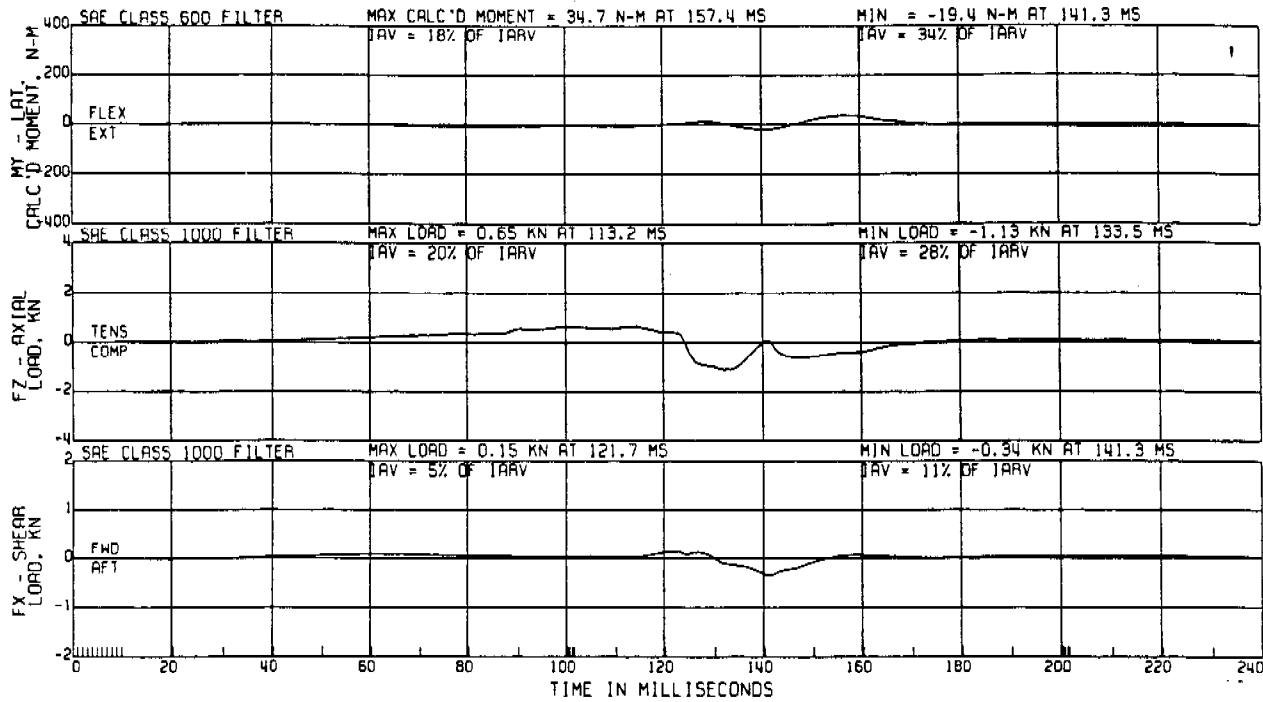


C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC BW9183D 4-DOOR
ELEC DATA

NECK LOADING ON HEAD
R. FRT NECK LOADING ON HEAD

ATD TYPE: GM50H
TEST DATE: 01/28/1998



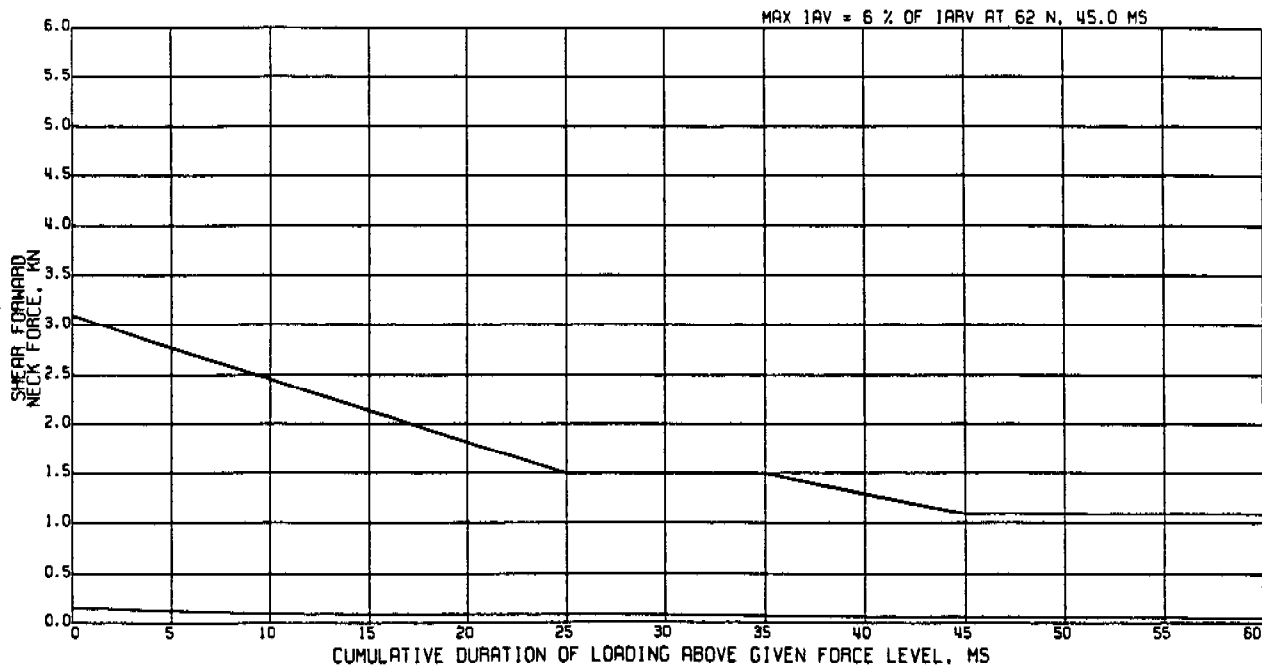
26 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC BW9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

FORWARD NECK SHEAR ON HEAD,
R. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE: 01/28/1998



27 PROCESSED 1/28/1998 09:07 V2.07

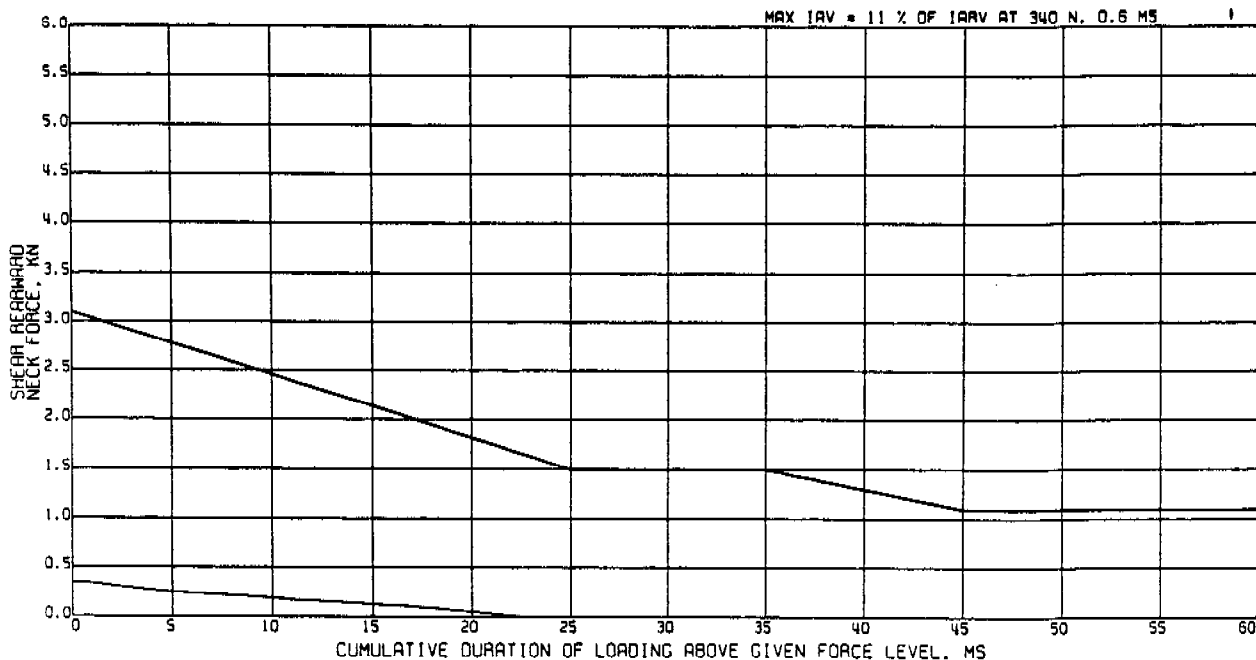
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

REARWARD NECK SHEAR ON HEAD.

ATO TYPE: GM50H
TEST DATE:01/28/1998

R. FRT INJURY REFERENCE



28 PROCESSED 1/28/1998 09:07 V2.07

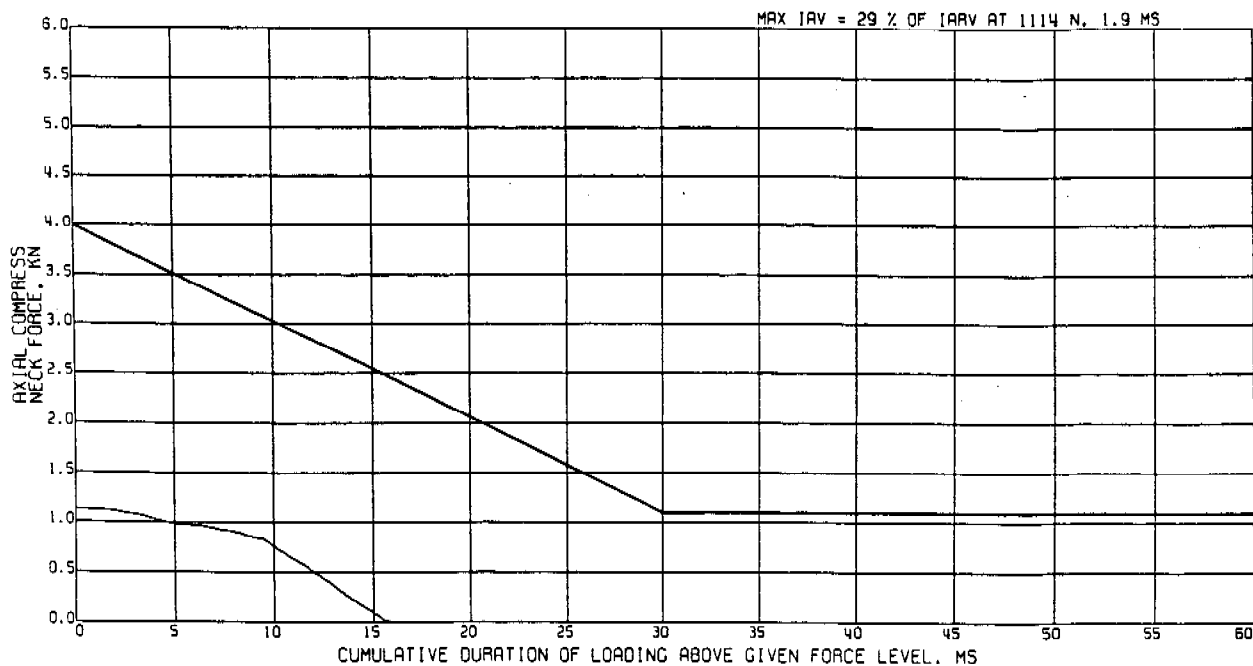
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

AXIAL COMPRESSION ON HEAD.

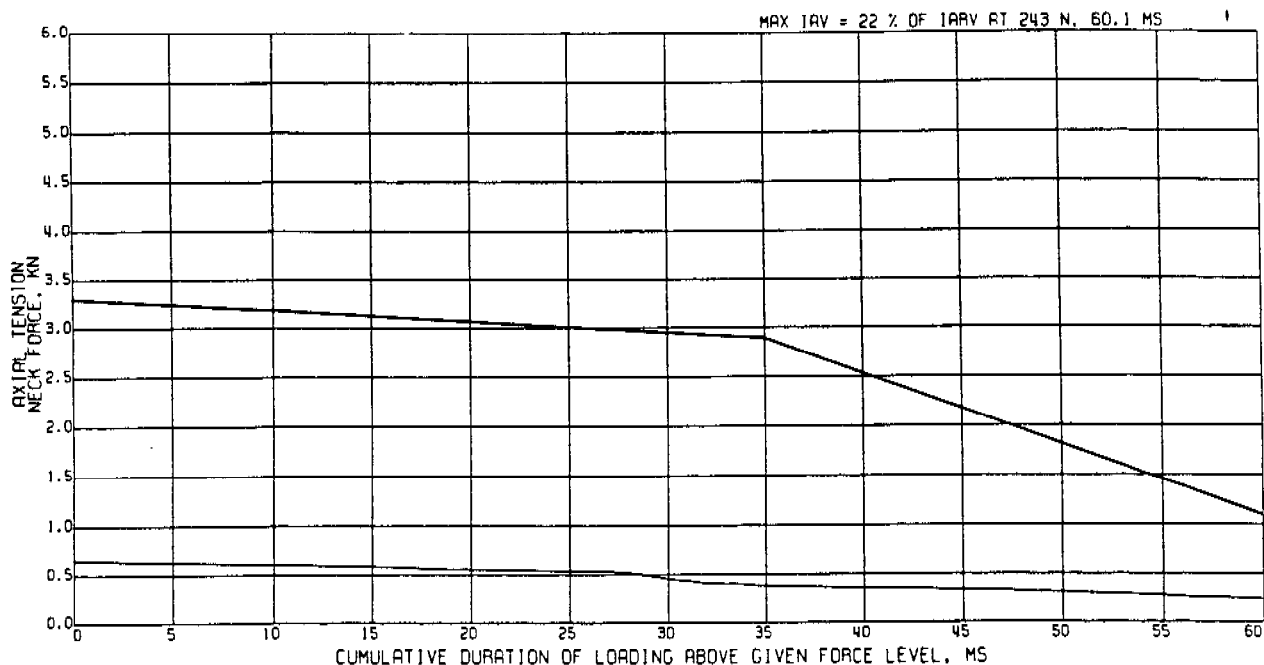
ATO TYPE: GM50H
TEST DATE:01/28/1998

R. FRT INJURY REFERENCE



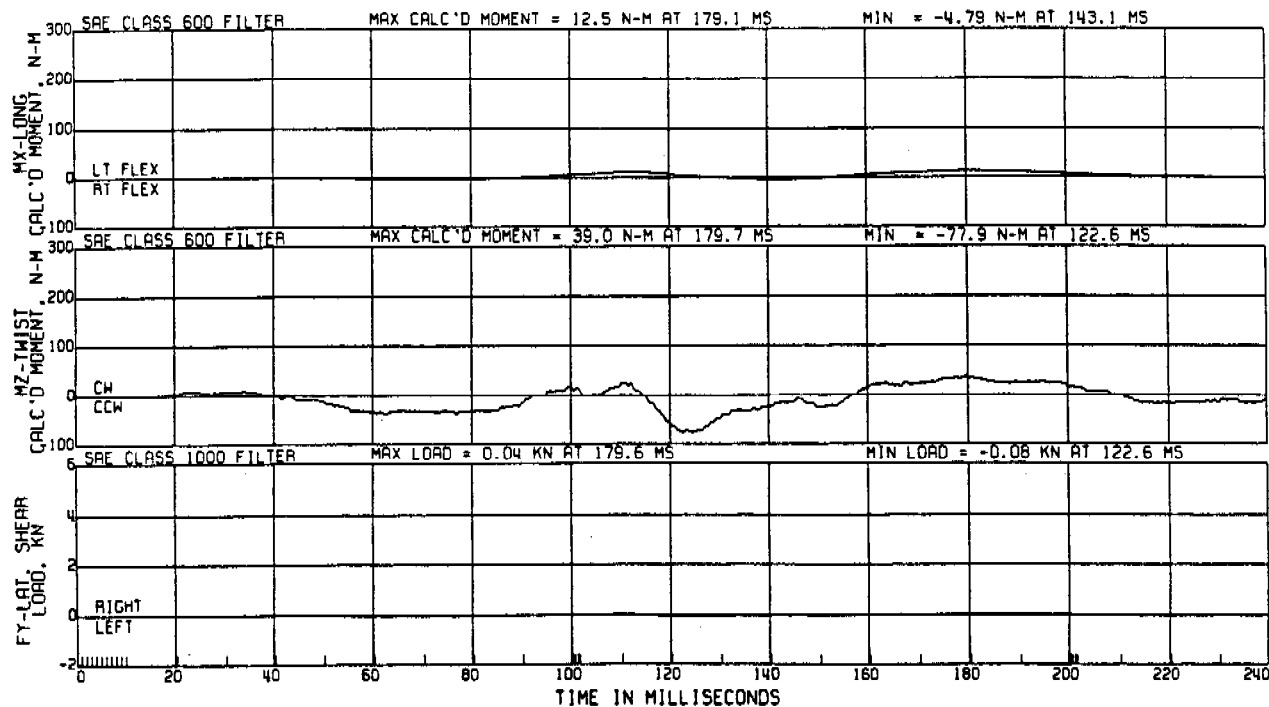
29 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR AXIAL TENSION ON HEAD, ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 R. FRT INJURY REFERENCE TEST DATE:01/28/1998

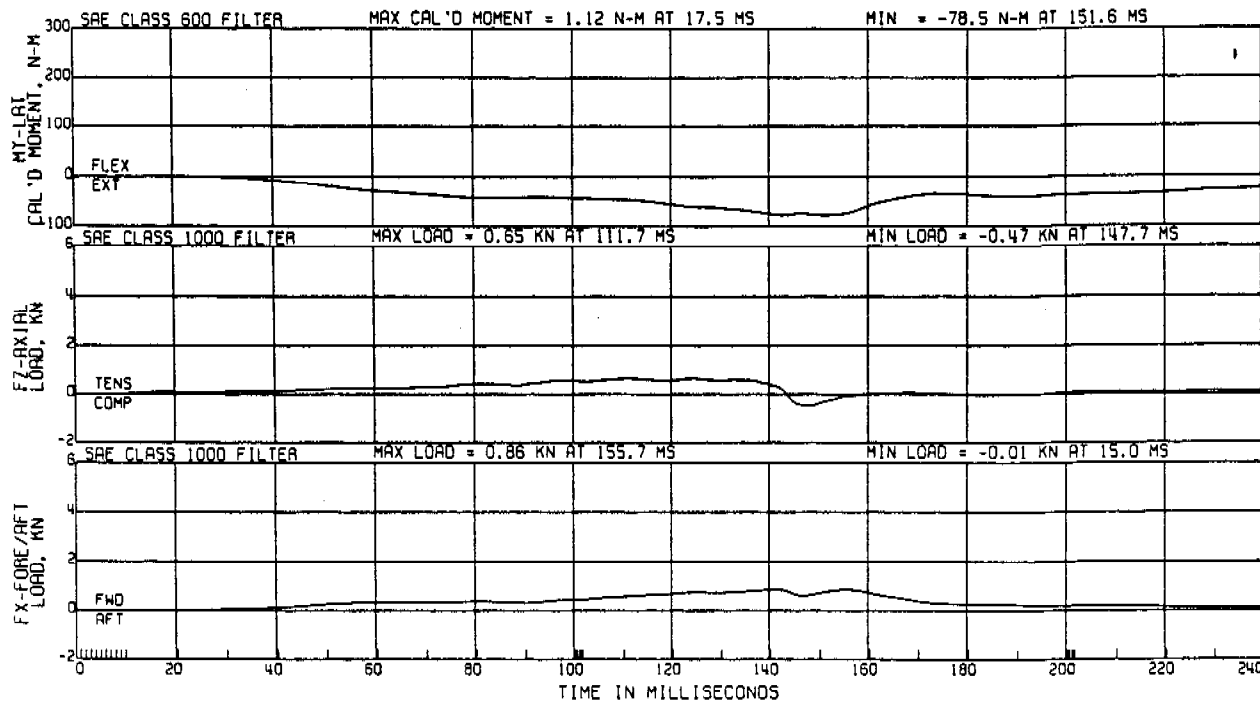


30 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR L. FRT NECK LOADING LOAD ATD TYPE: GM50H
 ELEC DATA (TORSO ON BASE OF NECK) TEST DATE:01/28/1998

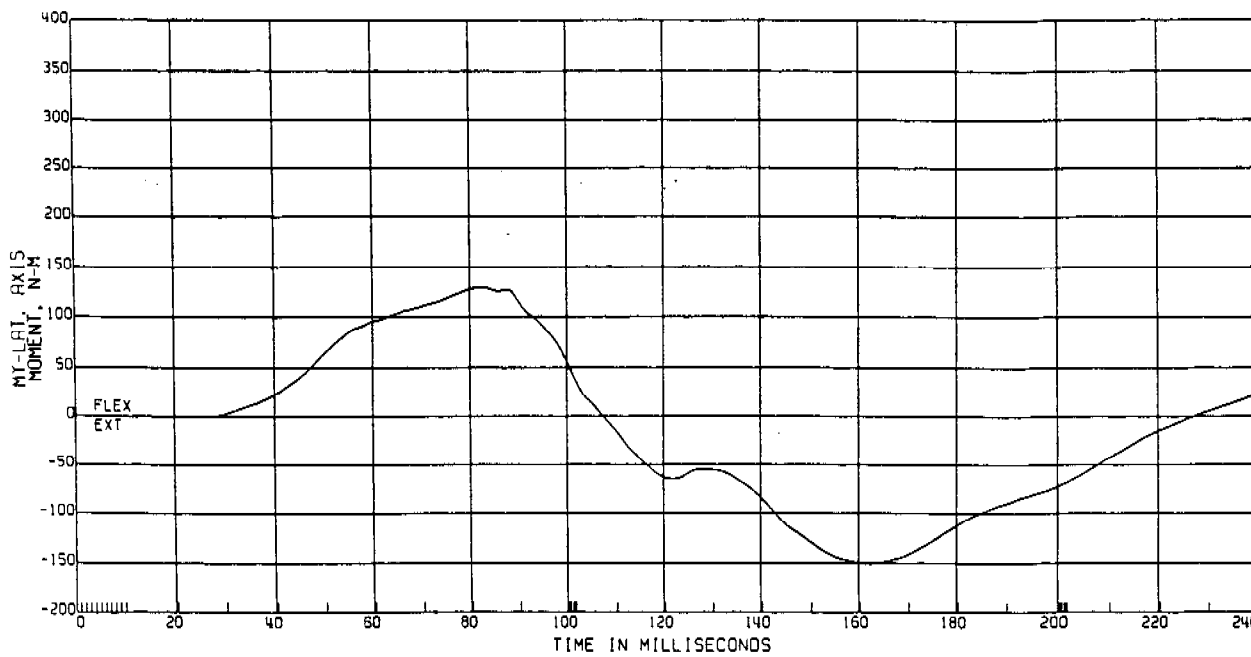


C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-000A L. FRT NECK LOADING LOAD ATD TYPE: GMS0H
 ELEC DATA (TORSO ON BASE OF NECK) TEST DATE: 01/28/1998



32 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-000A L. FRT LOWER LUMBAR MOMENT ATD TYPE: GMS0H
 ELEC DATA, SAE CLASS 1000 TEST DATE: 01/28/1998



33 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

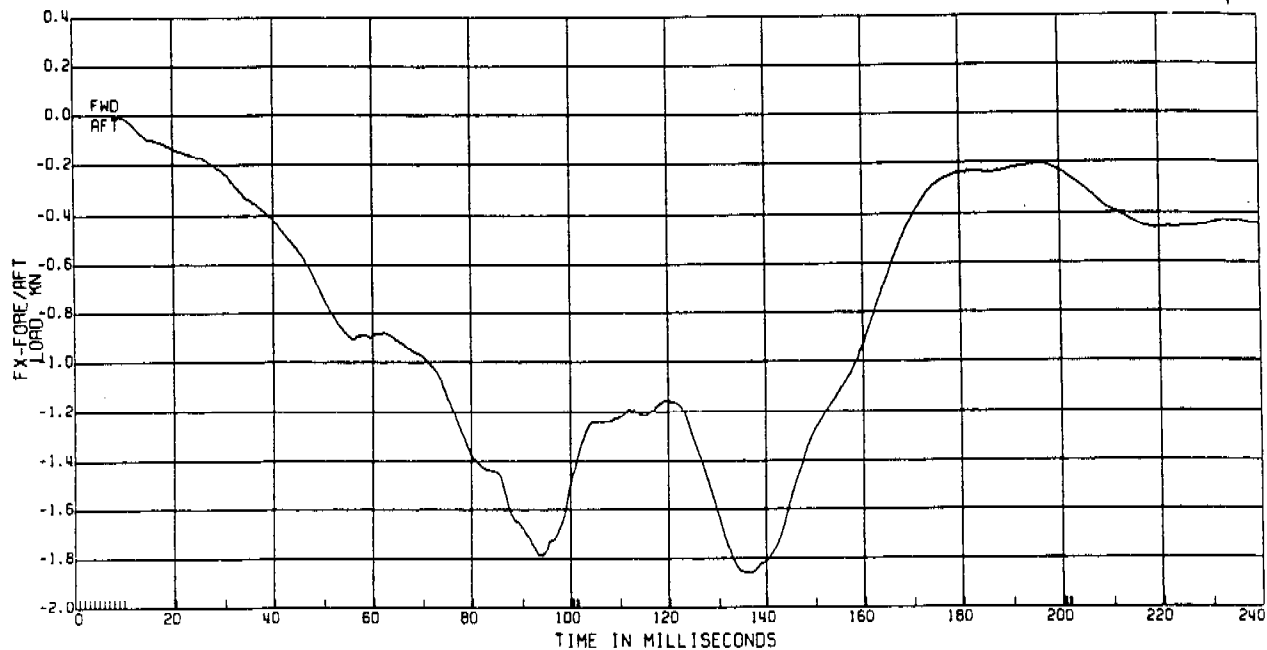
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

L. FRT LOWER LUMBAR LOAD

ATD TYPE: GM50H
TEST DATE:01/28/1998



34 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

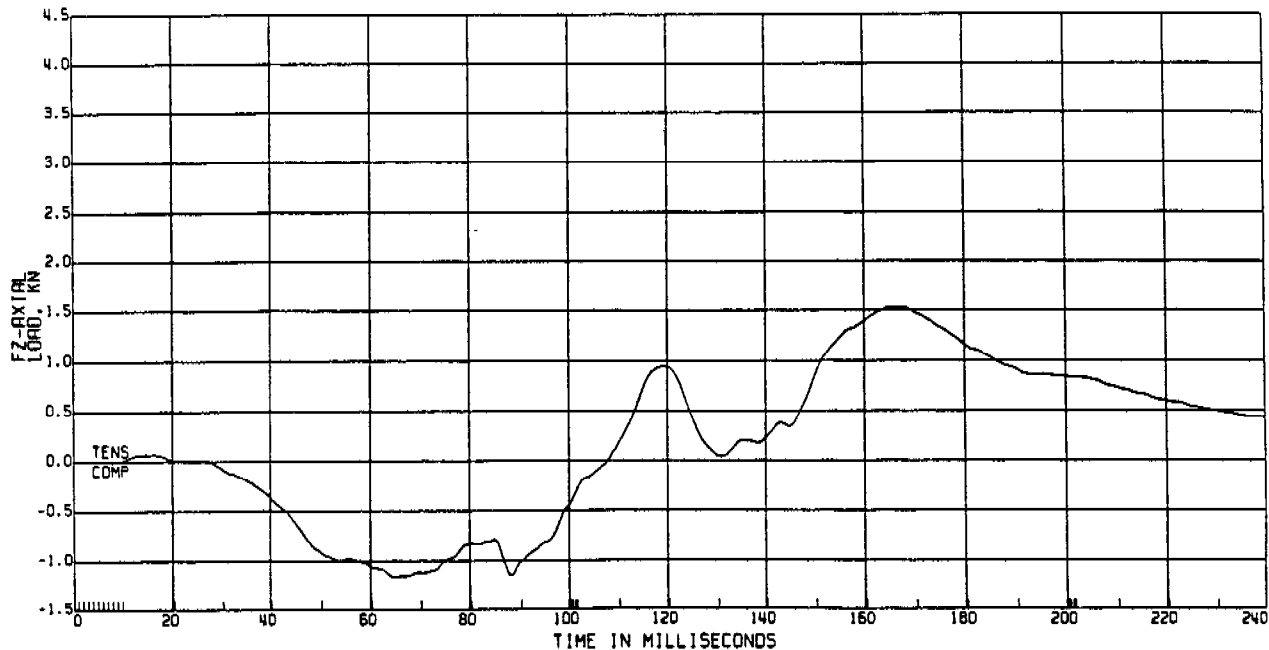
LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA, SAE CLASS 1000

L. FRT LOWER LUMBAR LOAD

ATD TYPE: GM50H
TEST DATE:01/28/1998



C11816 R.REAR IMP 70% OVERLAP

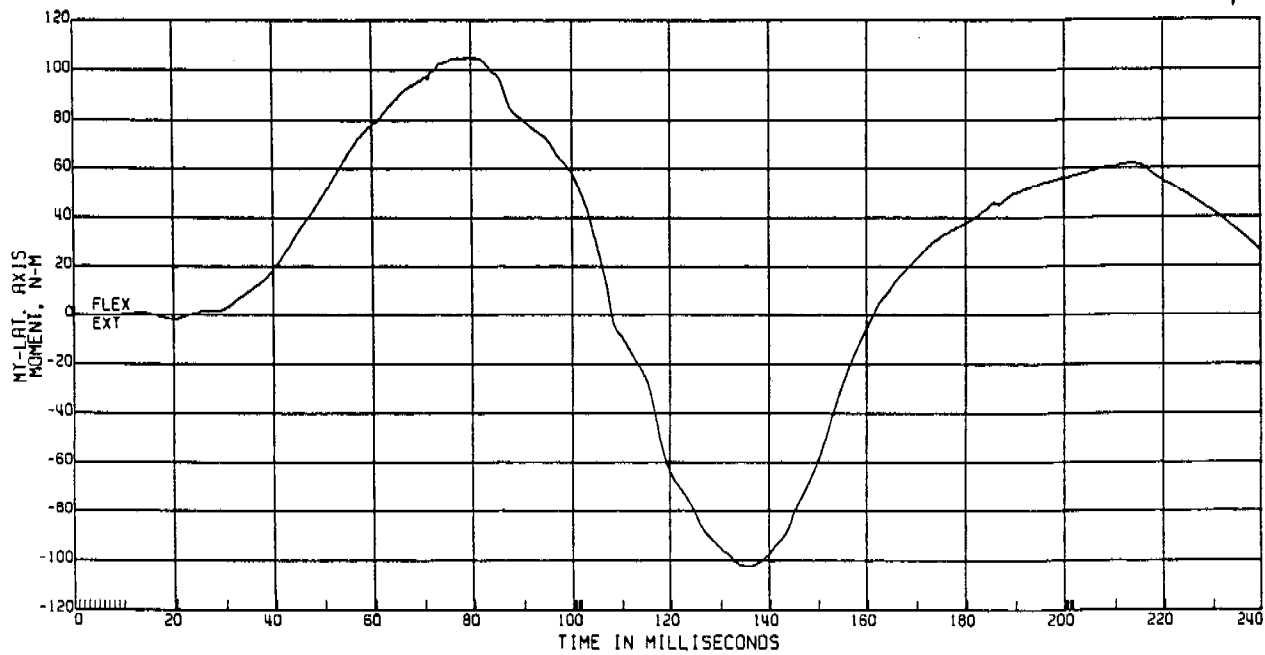
LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 1000

R. FAT LOWER LUMBAR MOMENT

ATD TYPE: GMS0H
TEST DATE:01/28/1998



36 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP

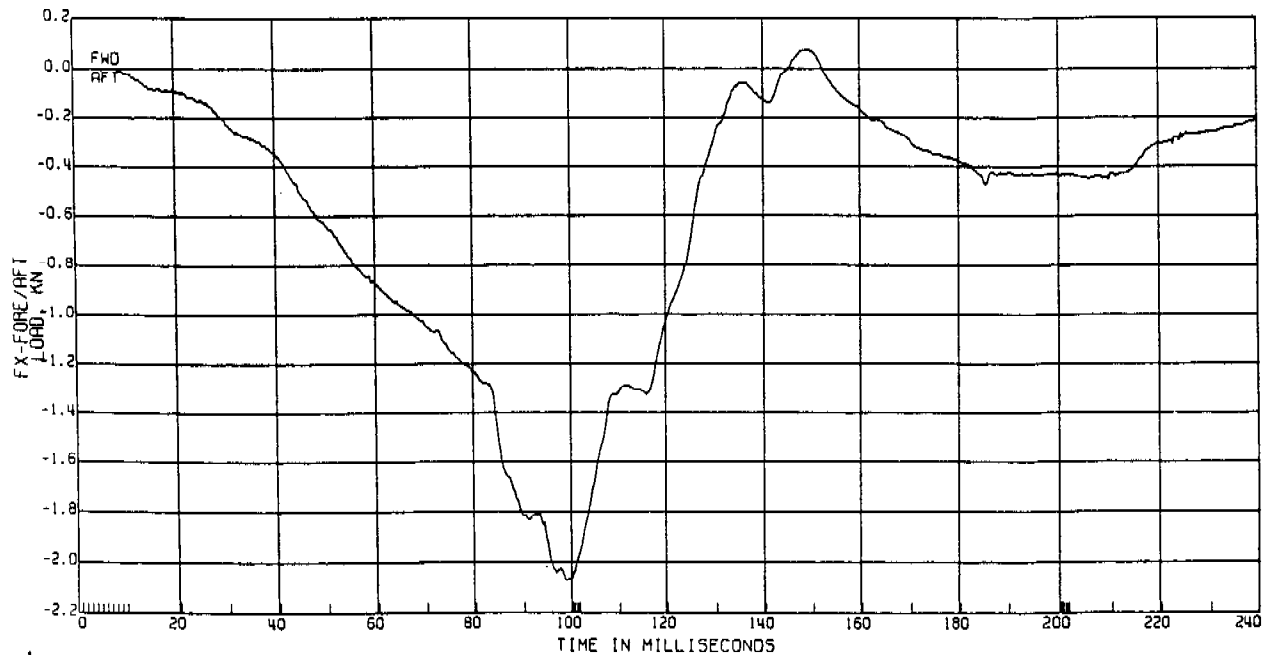
LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-000R
ELEC DATA, SAE CLASS 1000

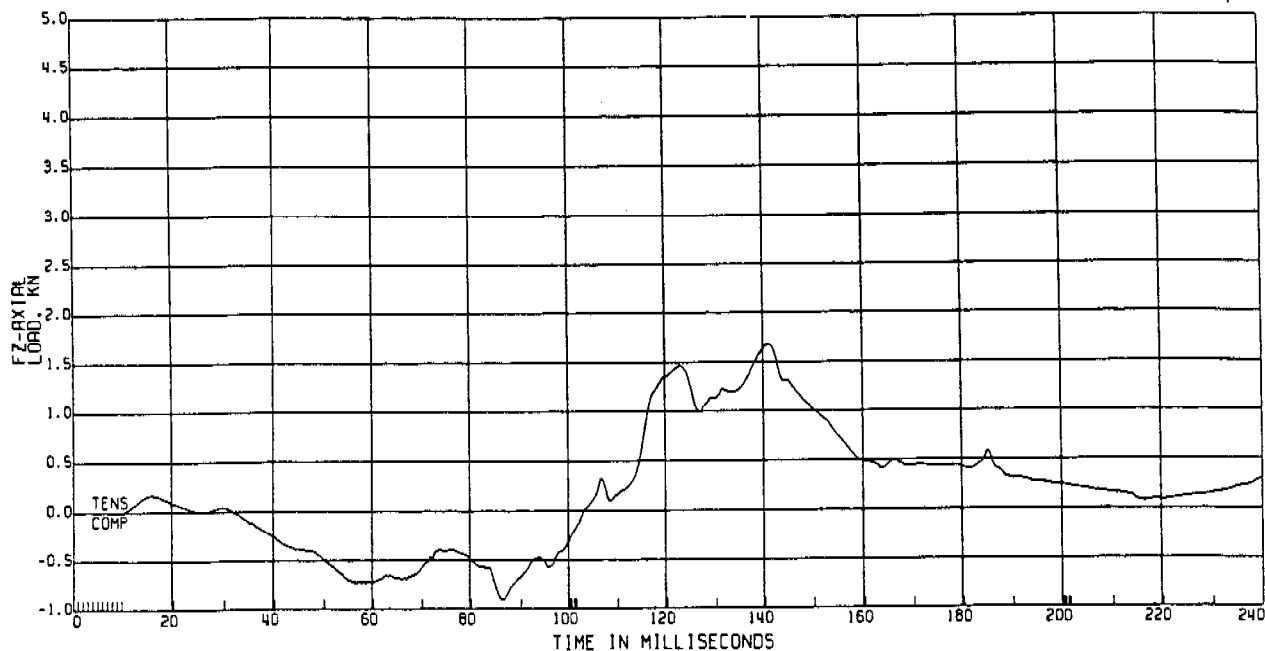
R. FRT LOWER LUMBAR LOAD

ATD TYPE: GMS0H
TEST DATE:01/28/1998



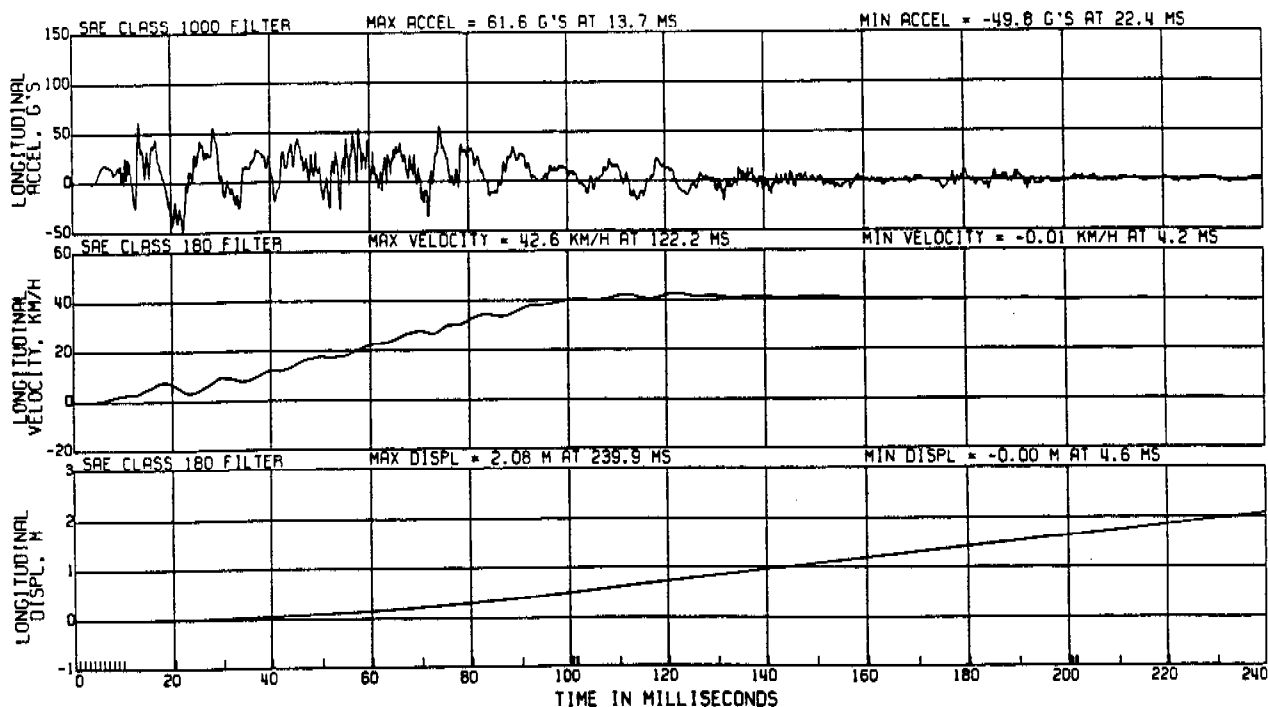
37 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR R. FRT LOWER LUMBAR LOAD ATO TYPE: GMS0H
 ELEC DATA, SAE CLASS 1000 TEST DATE:01/28/1998



38 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR CTR FRT RAD TIE BAR TEST DATE:01/28/1998
 ELEC DATA

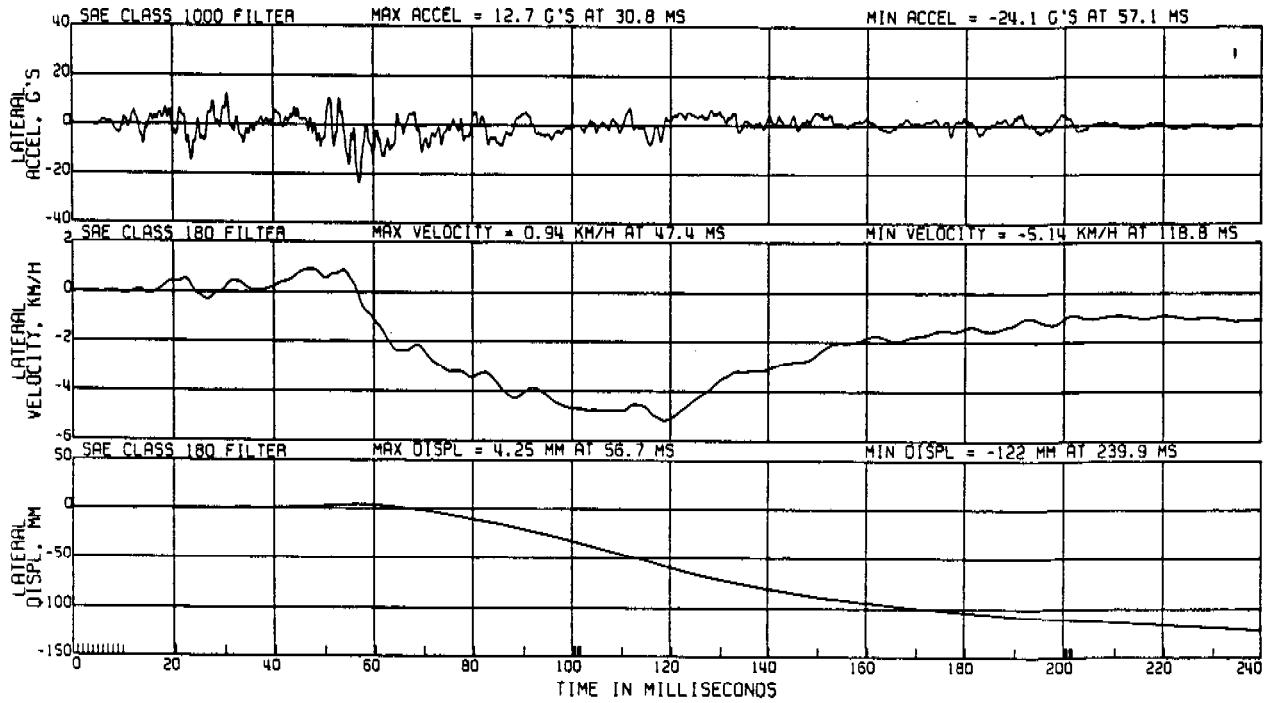


C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

CTR FRT RAD TIE BAR

TEST DATE:01/28/1998



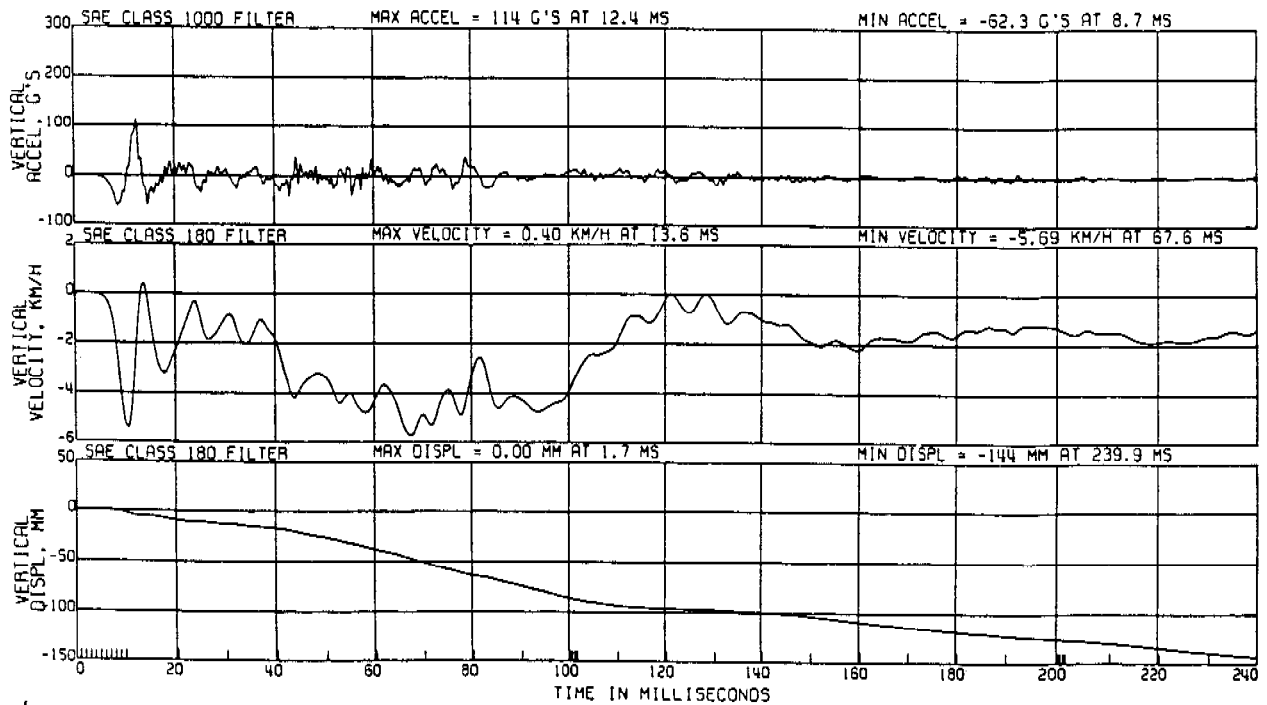
40 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

CTR FRT RAD TIE BAR

TEST DATE:01/28/1998



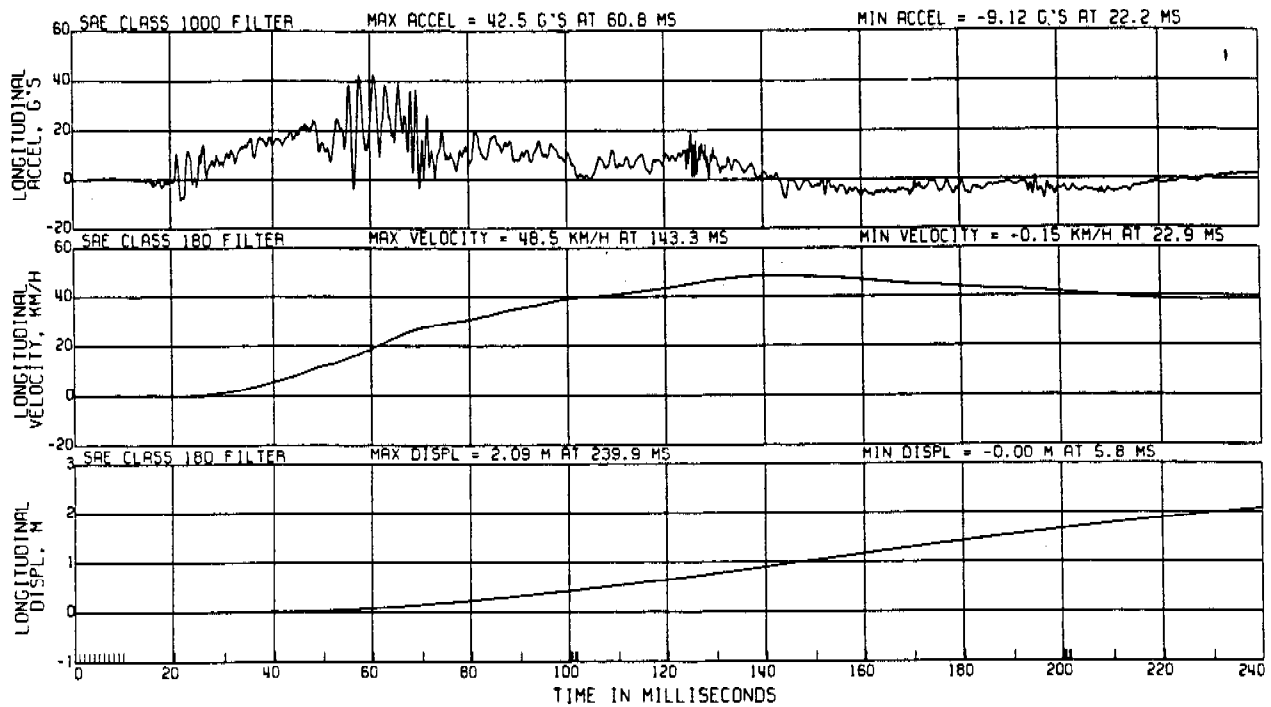
41 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

UPPER ENGINE

TEST DATE:01/28/1998



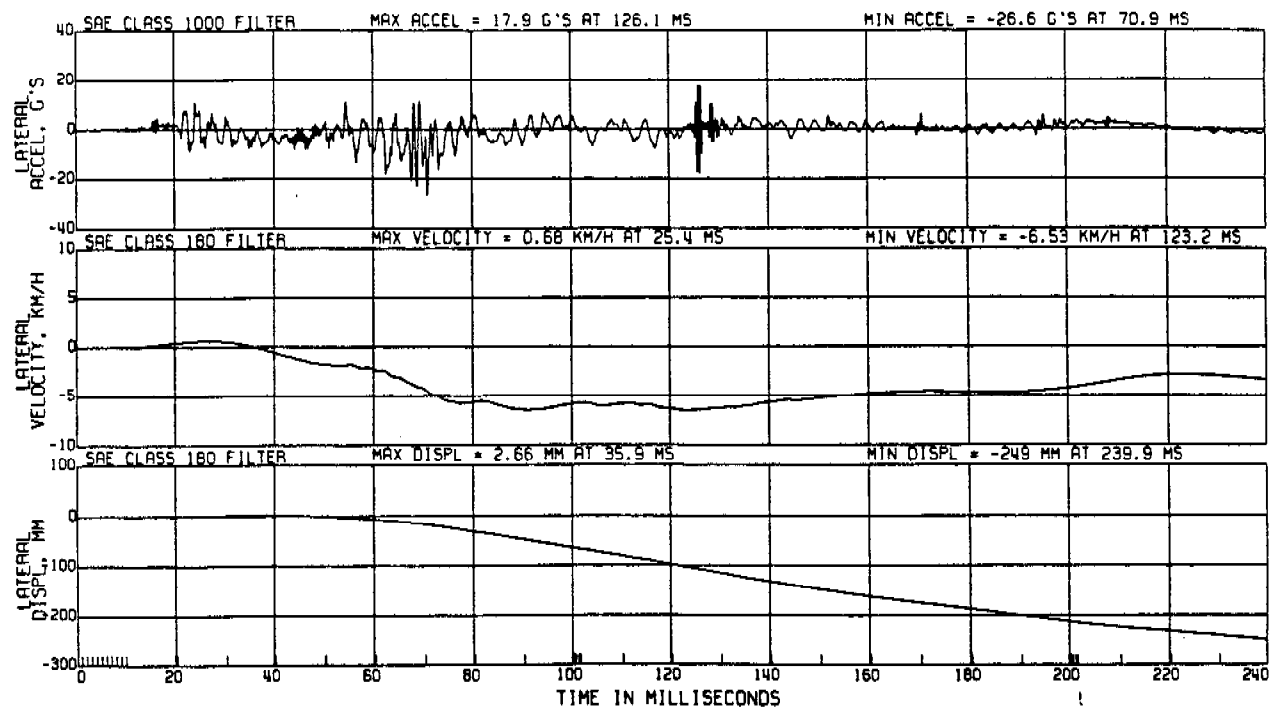
42 PROCESSED 1/28/1998 09:07 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

UPPER ENGINE

TEST DATE:01/28/1998



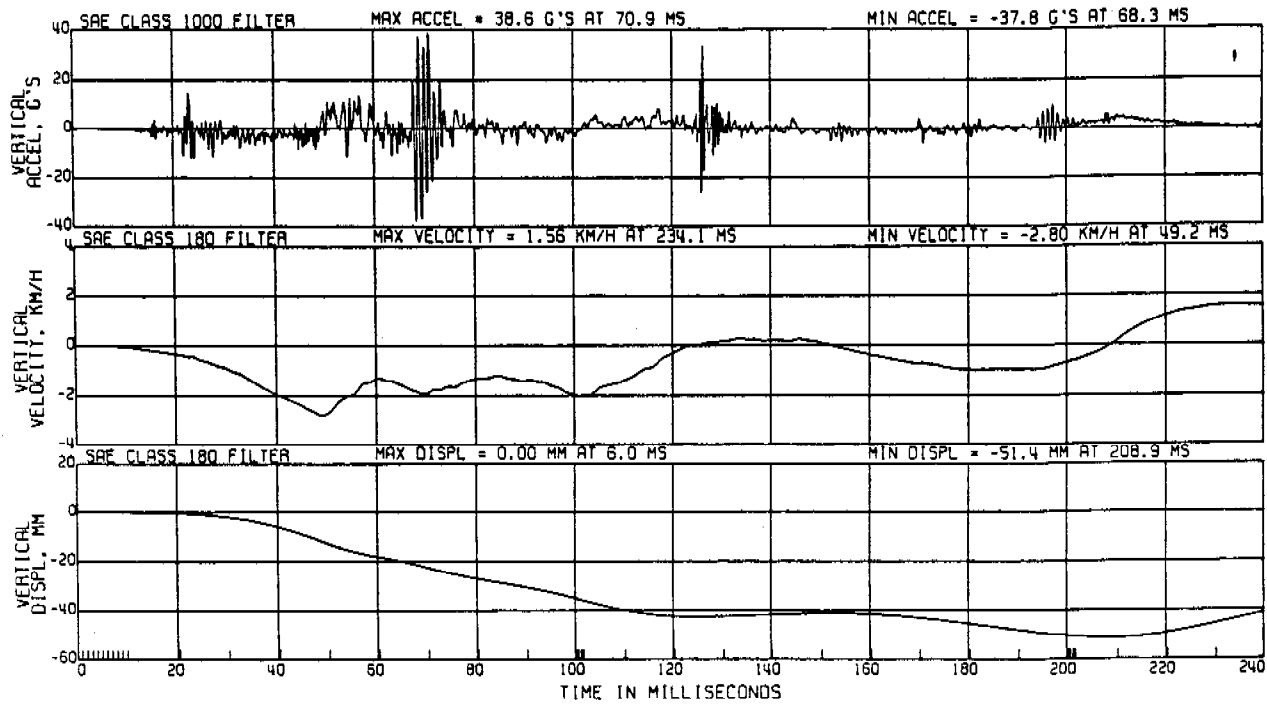
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000R

UPPER ENGINE

TEST DATE:01/28/1998



44 PROCESSED 1/28/1998 09:07 V2.07

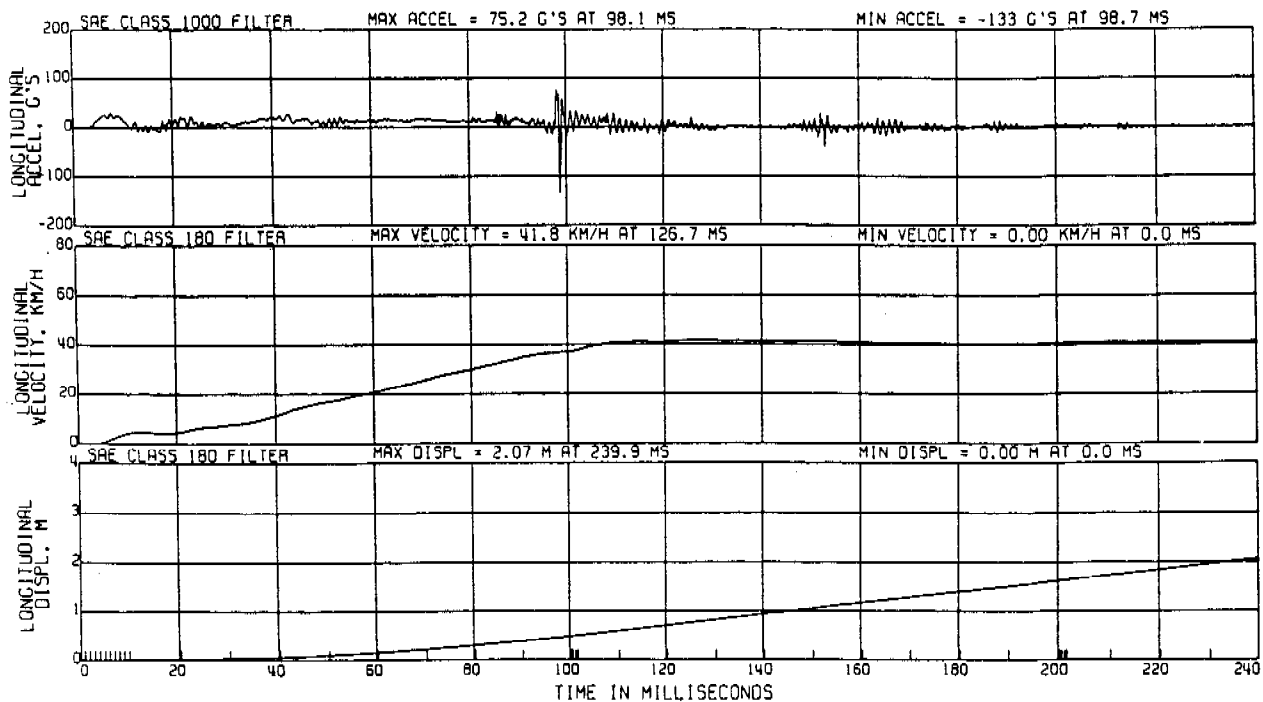
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000R

L. FRT SEAT O/B MOUNTING RAIL

TEST DATE:01/28/1998



45 PROCESSED 1/28/1998 09:07 V2.07

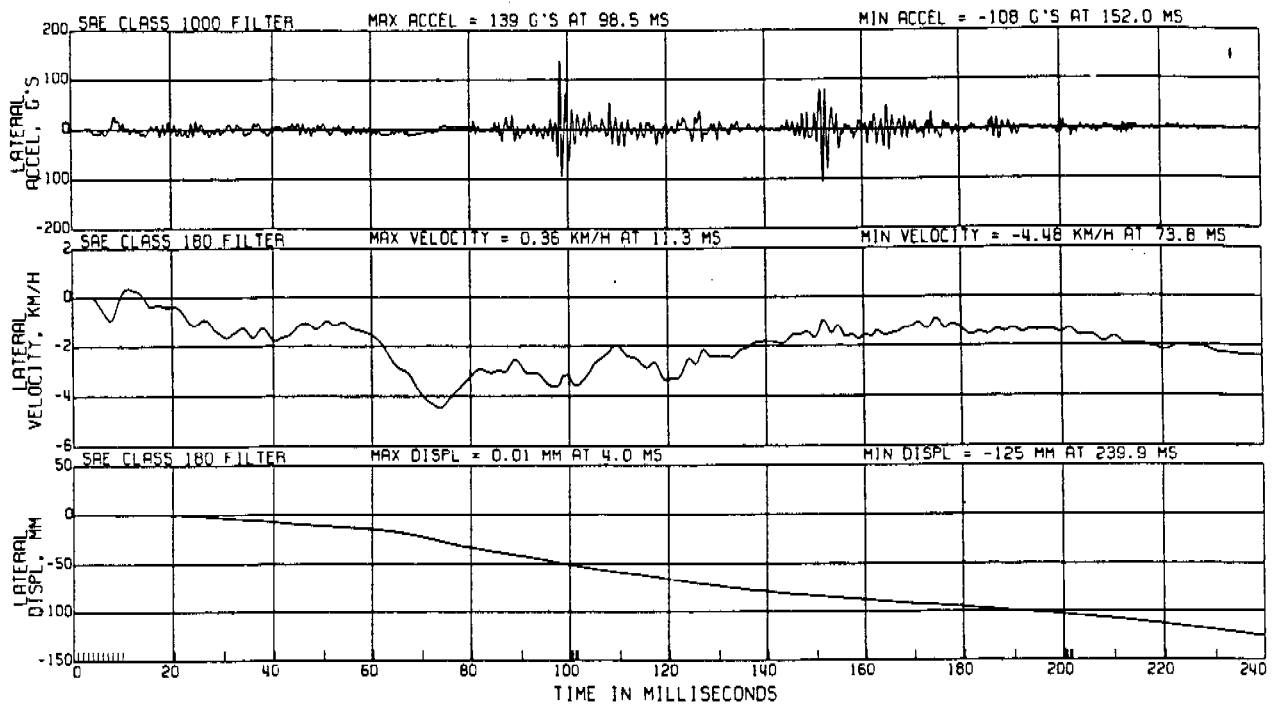
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-DOOR

L. FRT SEAT O/B MOUNTING RAIL

TEST DATE:01/28/1998



46 PROCESSED 1/28/1998 09:08 V2.07

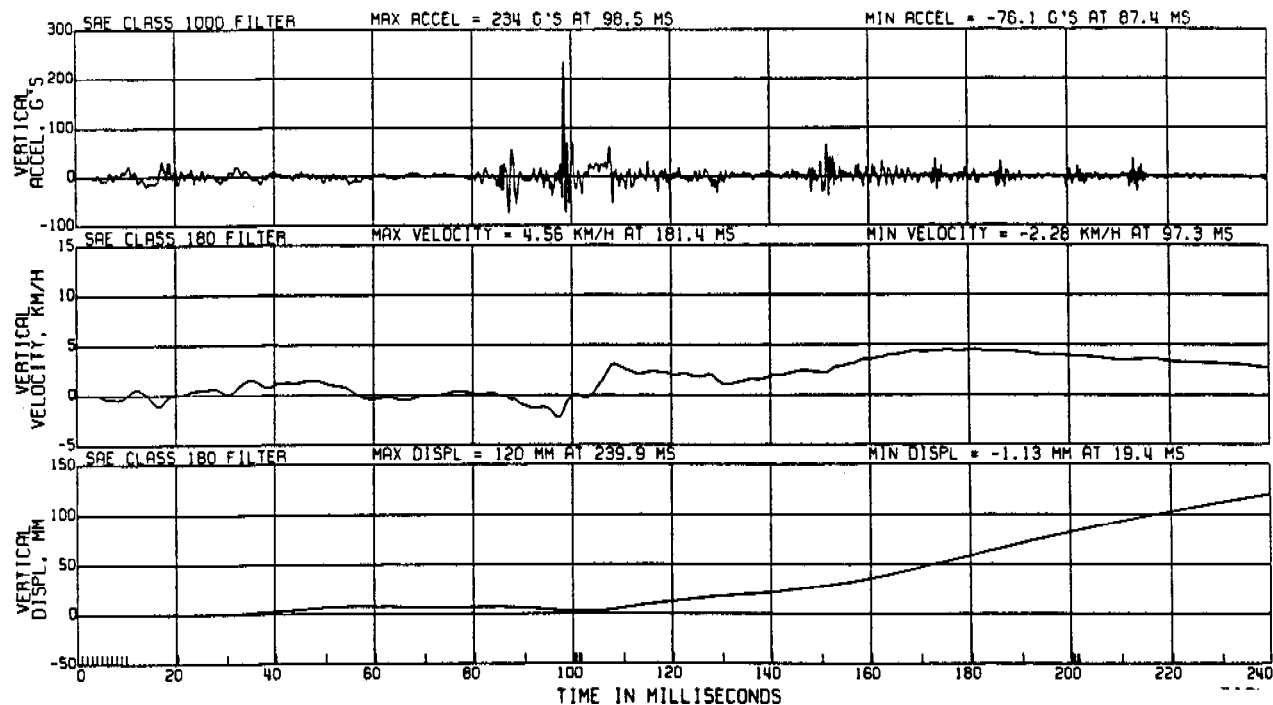
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-DOOR

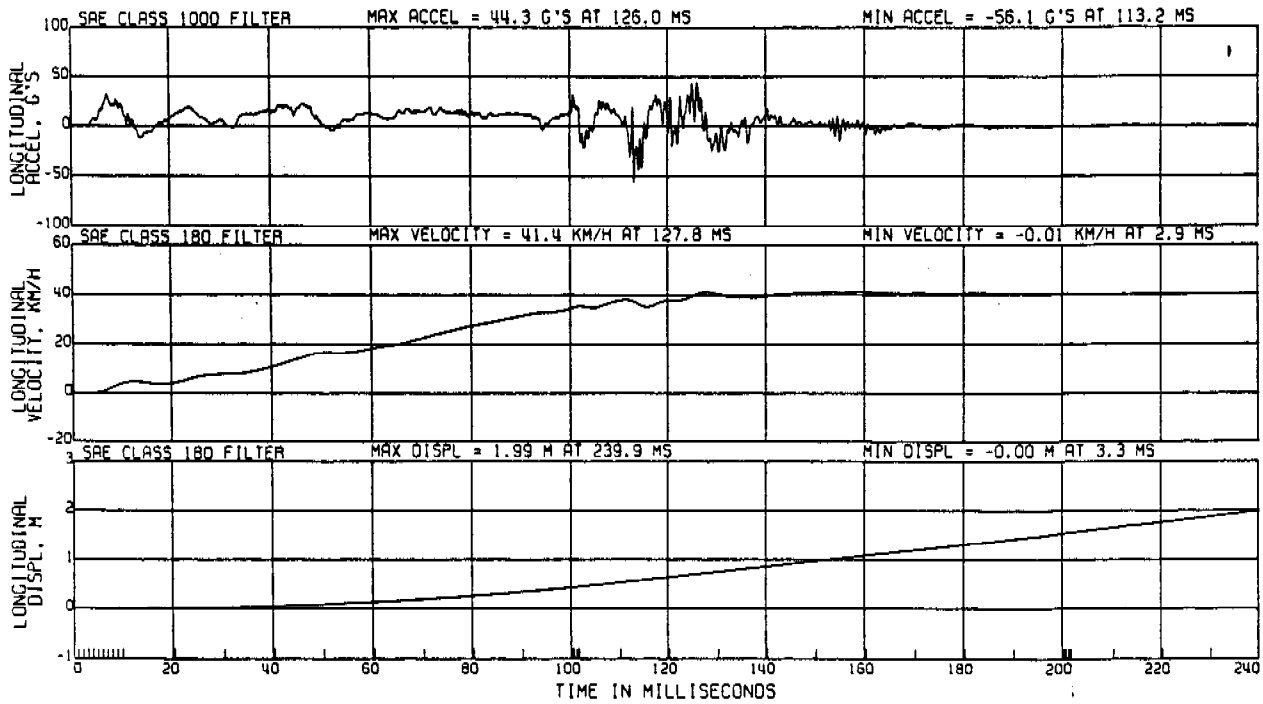
L. FRT SEAT O/B MOUNTING RAIL

TEST DATE:01/28/1998



C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

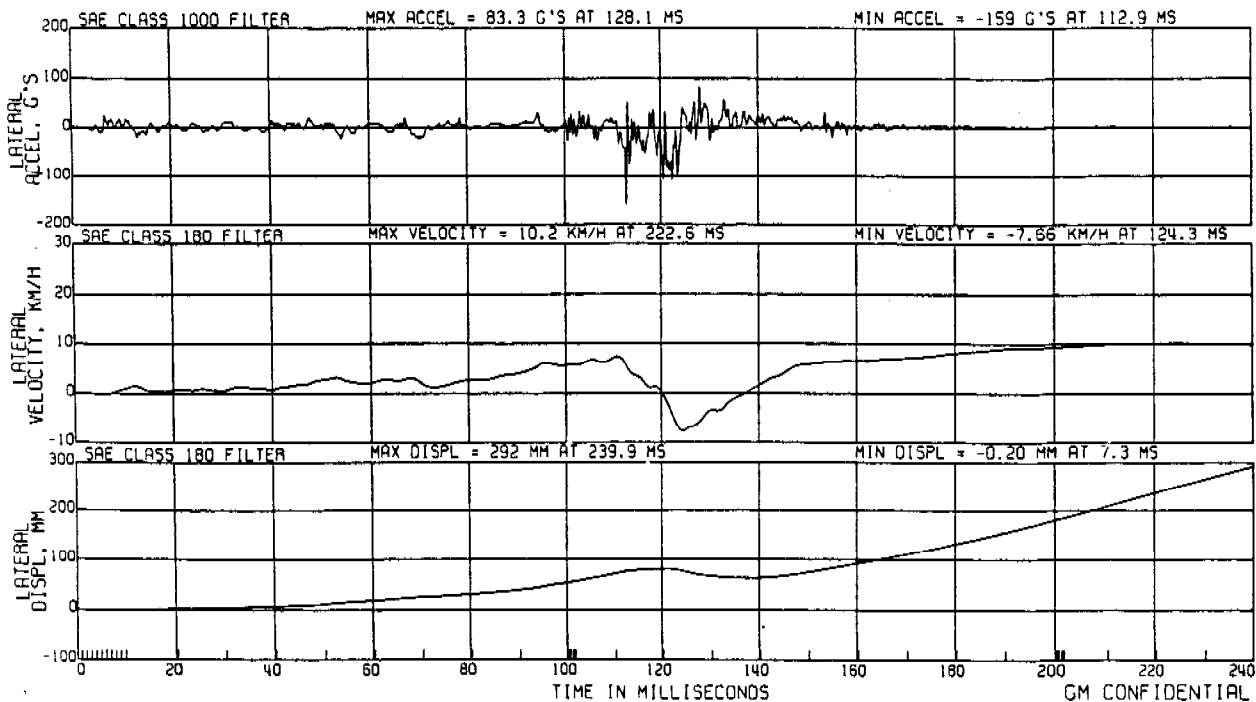
SC 8W9183D 4-000R A. FRT SEAT O/B MOUNTING RAIL TEST DATE:01/28/1998
ELEC DATA



48 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

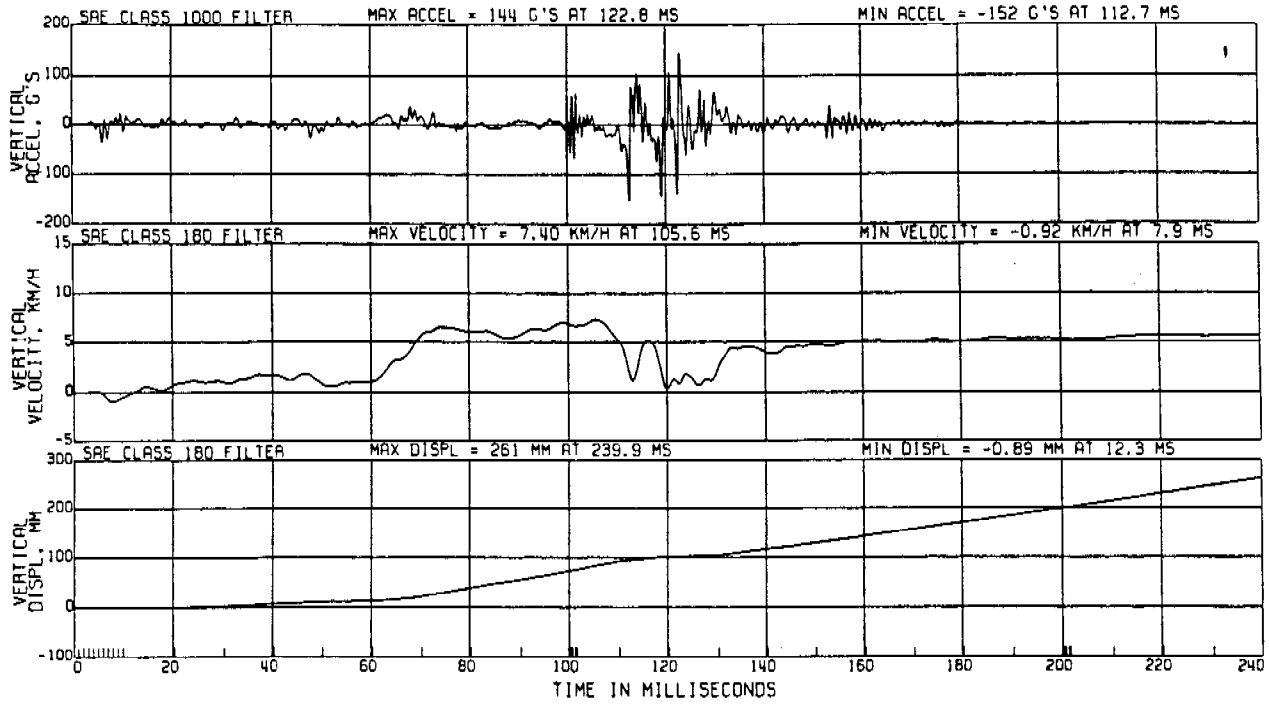
SC 8W9183D 4-000R A. FRT SEAT O/B MOUNTING RAIL TEST DATE:01/28/1998
ELEC DATA



GM CONFIDENTIAL

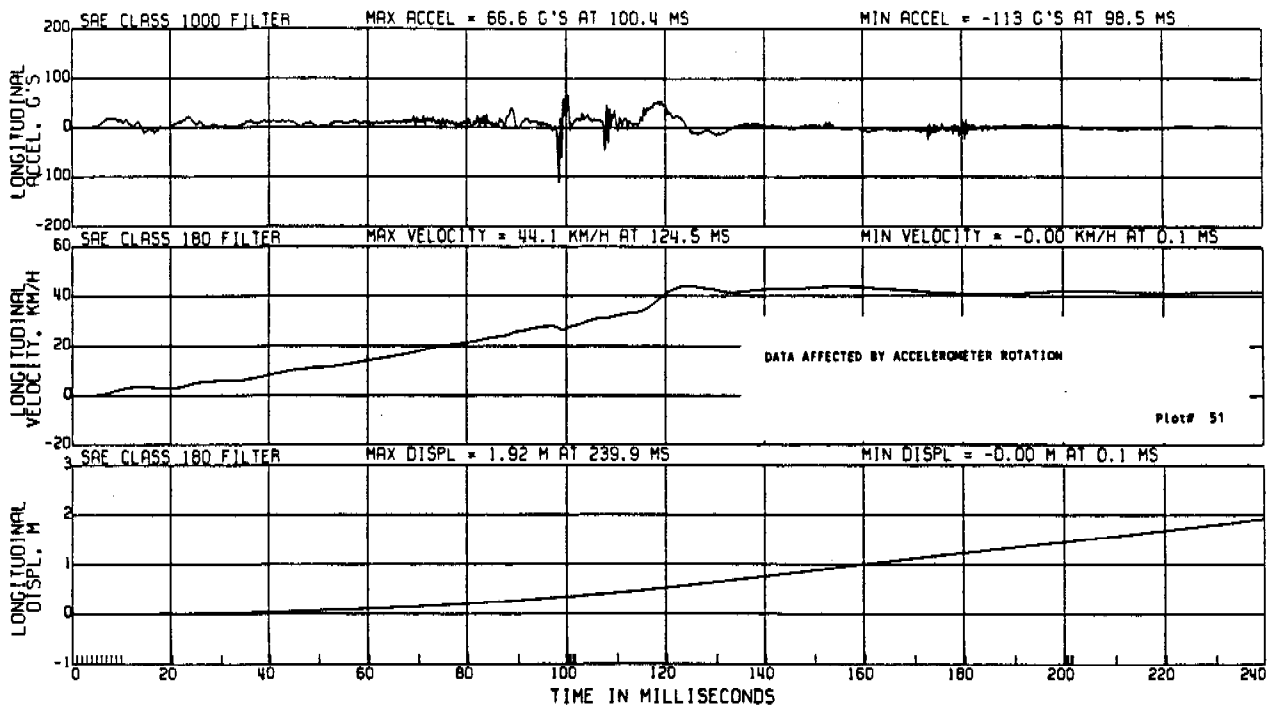
49 PROCESSED 1/28/1998 09:08 V2.07

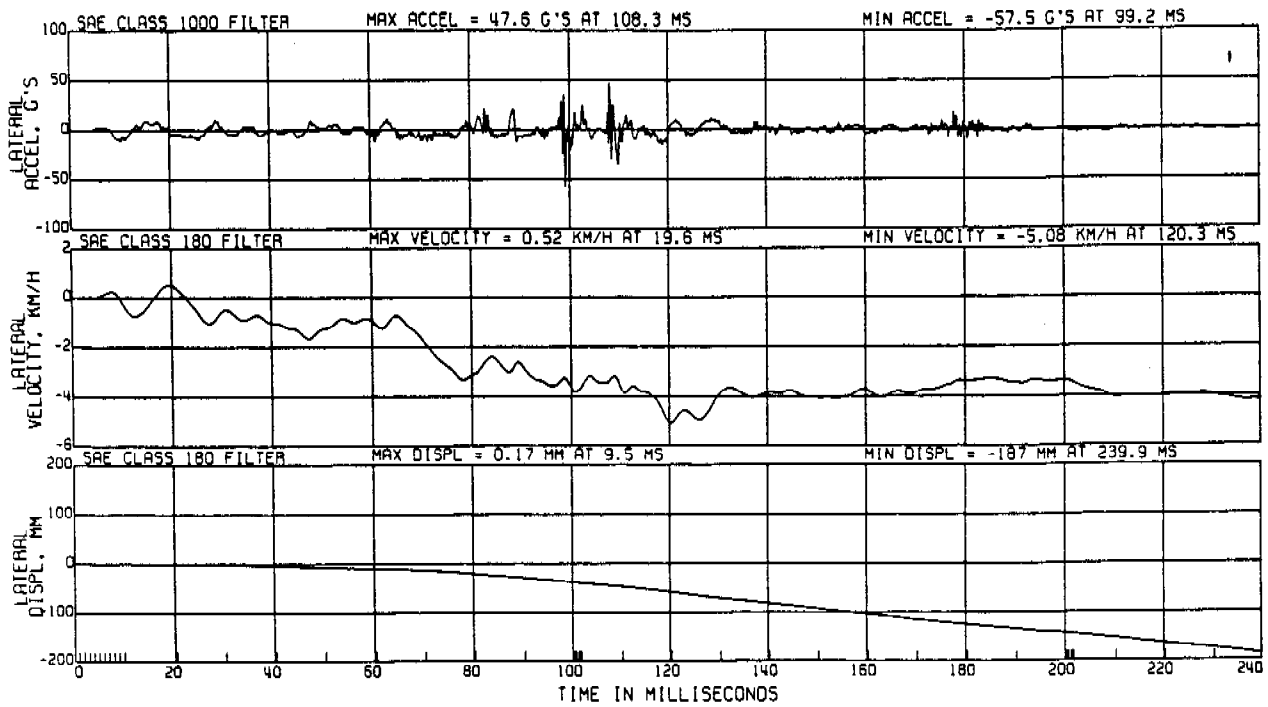
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR R. FRT SEAT O/B MOUNTING RAIL TEST DATE:01/28/1998
 ELEC DATA



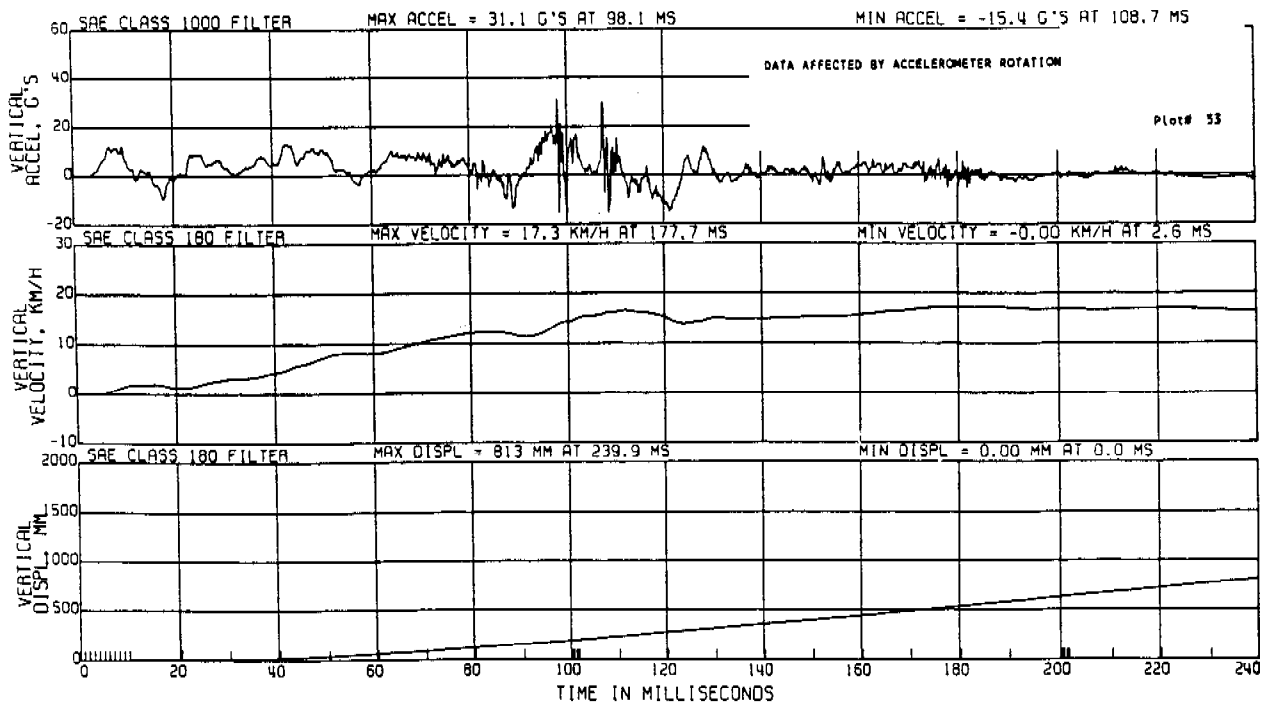
50 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR L. FRT SEAT BACK TEST DATE:01/28/1998
 ELEC DATA





52 PROCESSED 1/28/1998 09:08 V2.07



53 PROCESSED 1/28/1998 09:08 V2.07

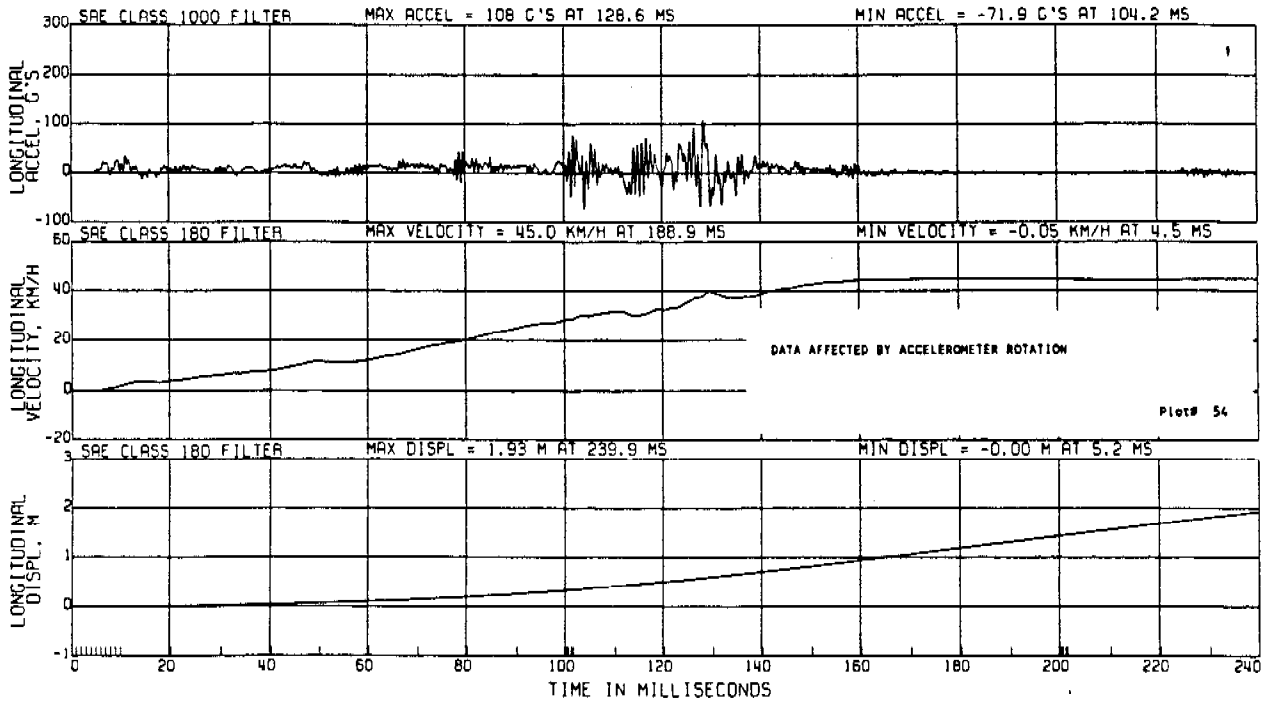
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

R. FRT SEAT BACK

TEST DATE:01/28/1998



54 PROCESSED 1/28/1998 09:08 V2.07

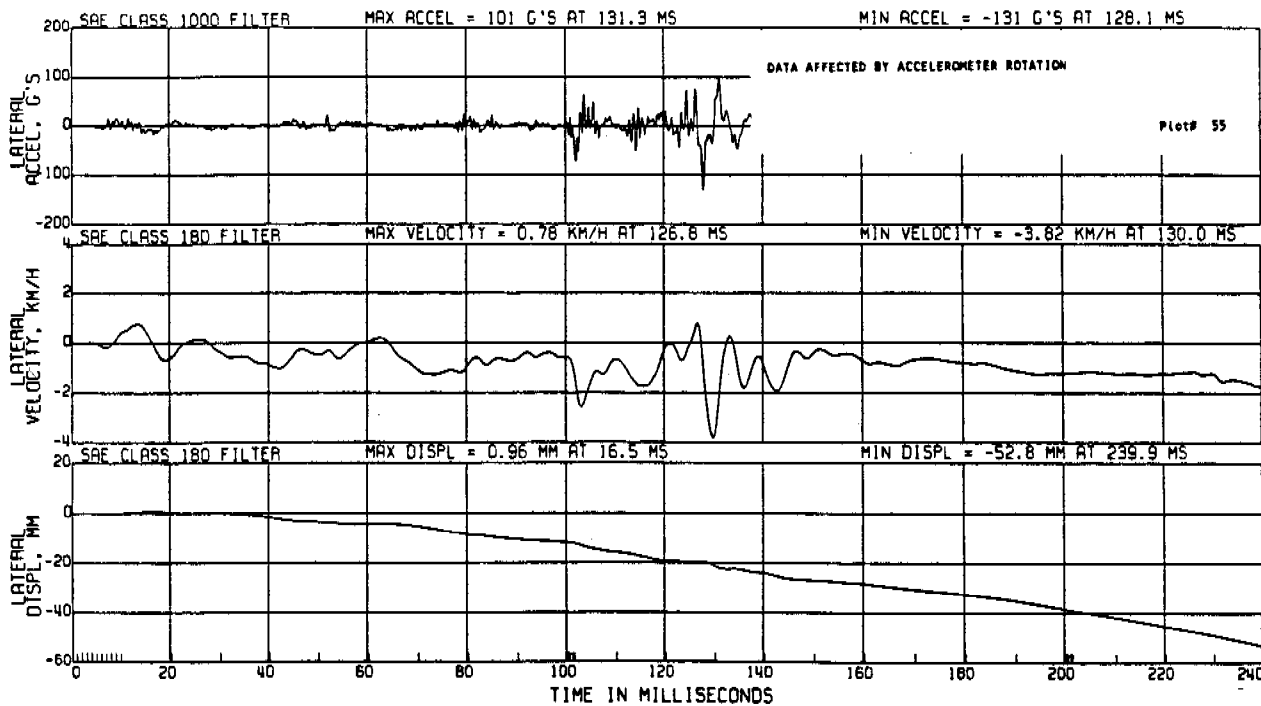
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

81.2KM/H

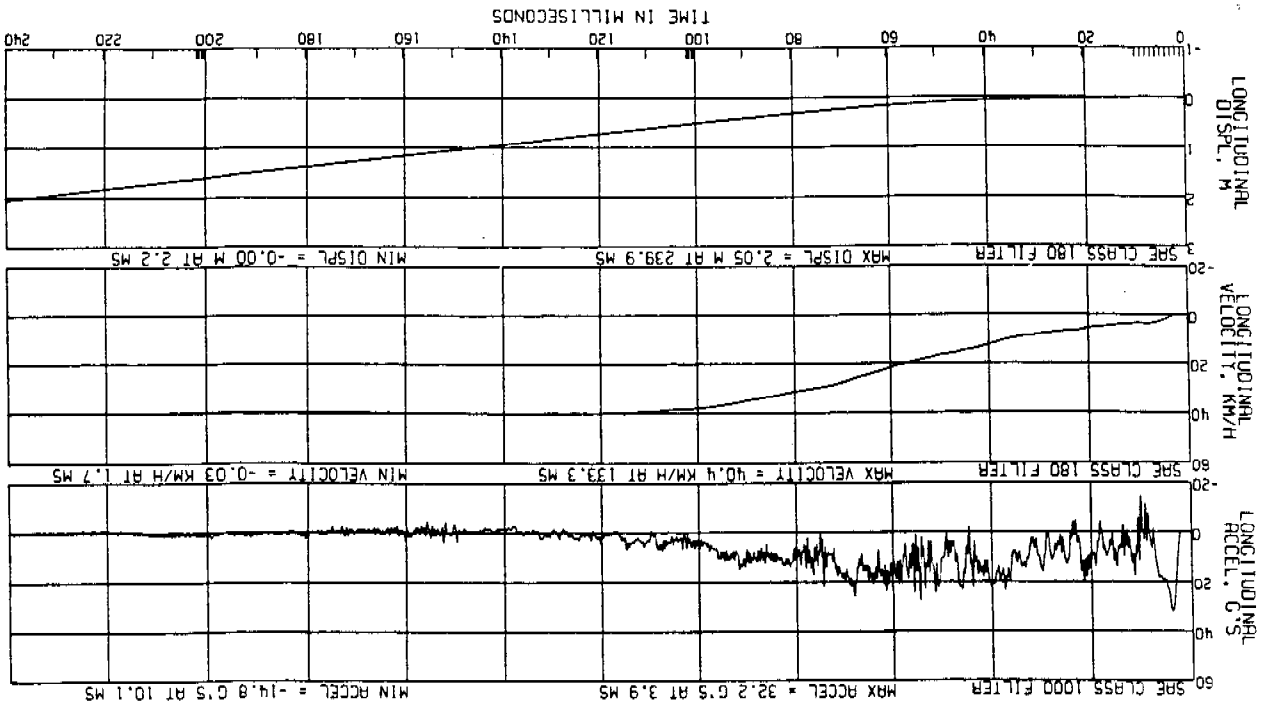
SC 8W9183D 4-DOOR
ELEC DATA

R. FRT SEAT BACK

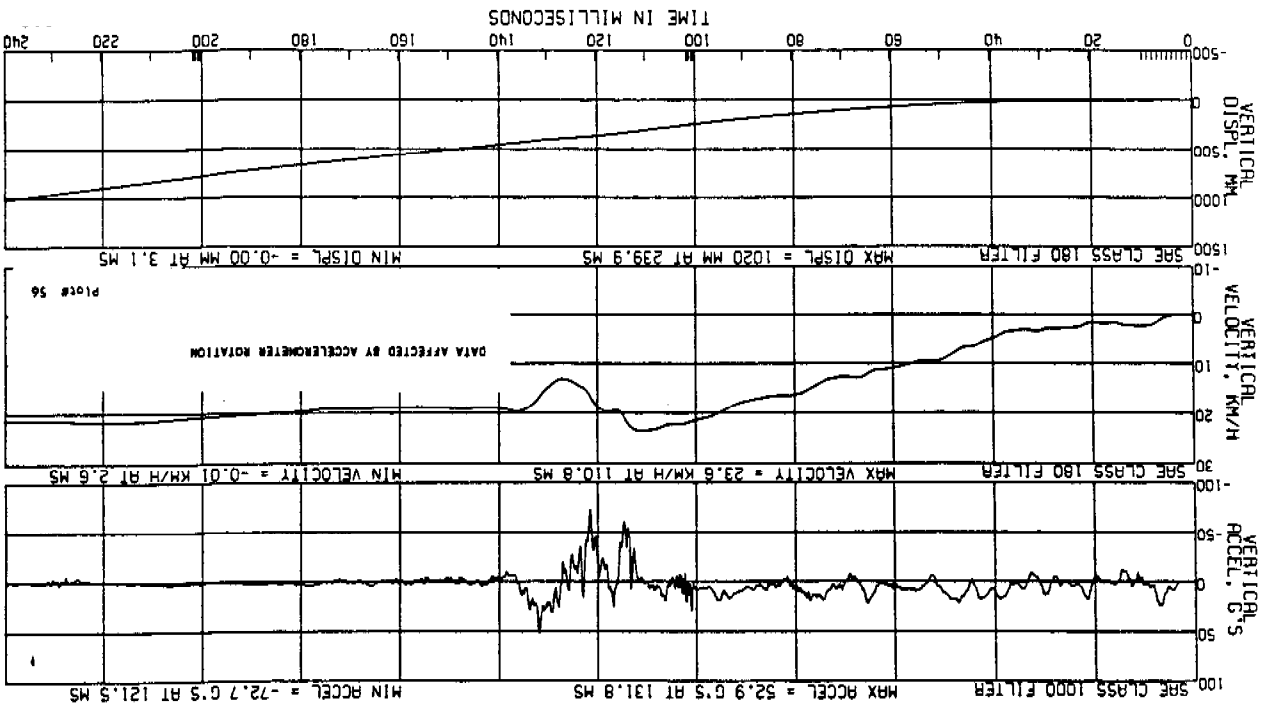
TEST DATE:01/28/1998



SC 8W9183D 4-000R L. FRT ROCKER
 C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 TEST DATE:01/28/1998
 ELEC DATA



SC 8W9183D 4-000R R. FRT SEAT BACK
 C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H
 TEST DATE:01/28/1998
 ELEC DATA

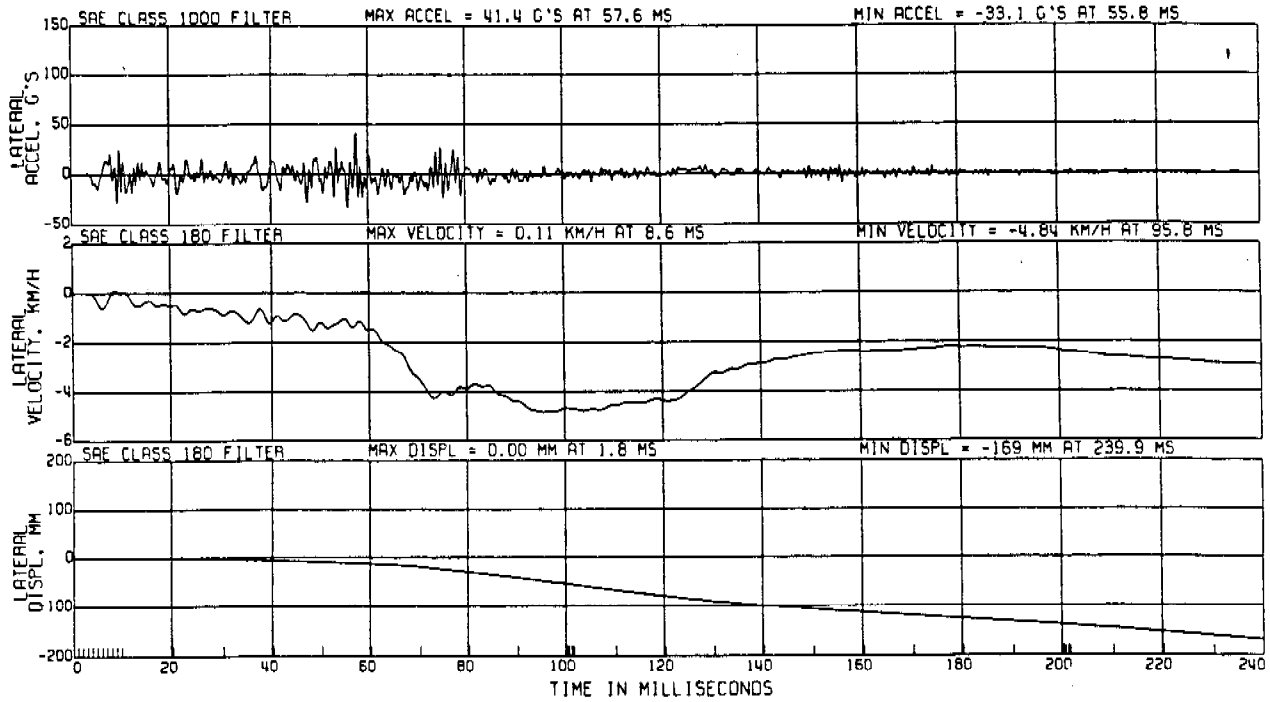


C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

L. FRT ROCKER

TEST DATE:01/28/1998



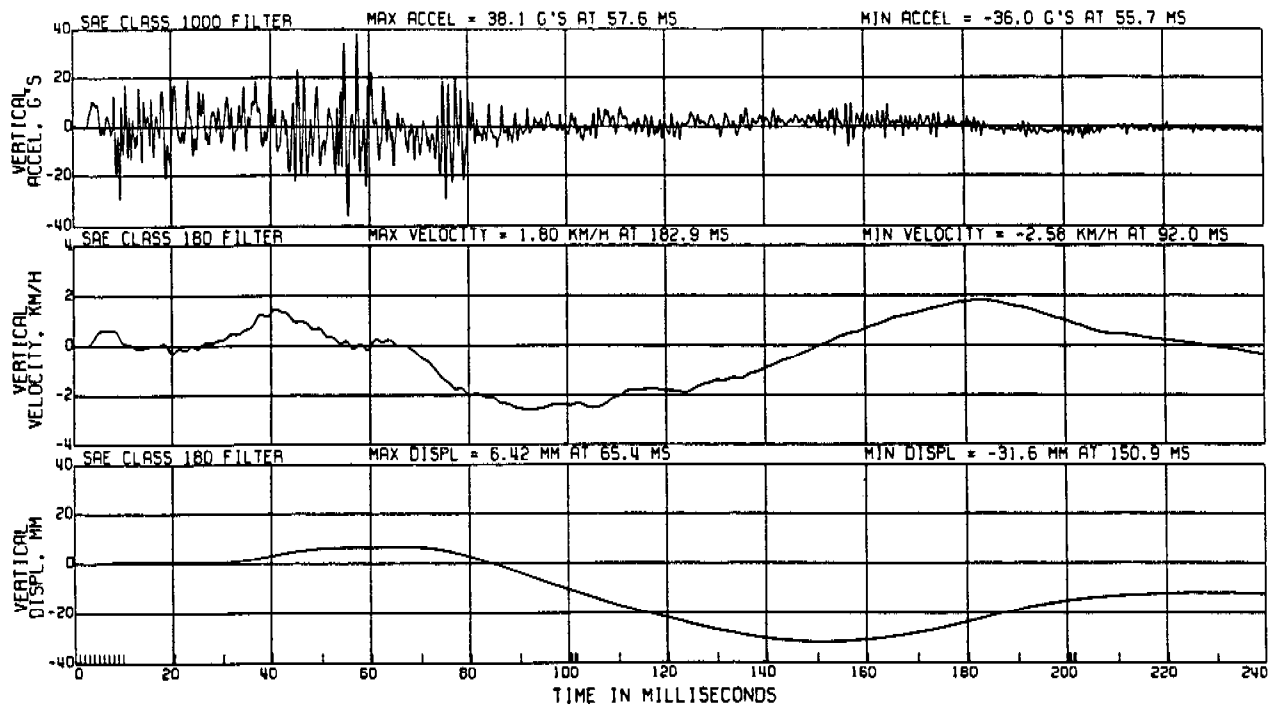
58 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

L. FRT ROCKER

TEST DATE:01/28/1998



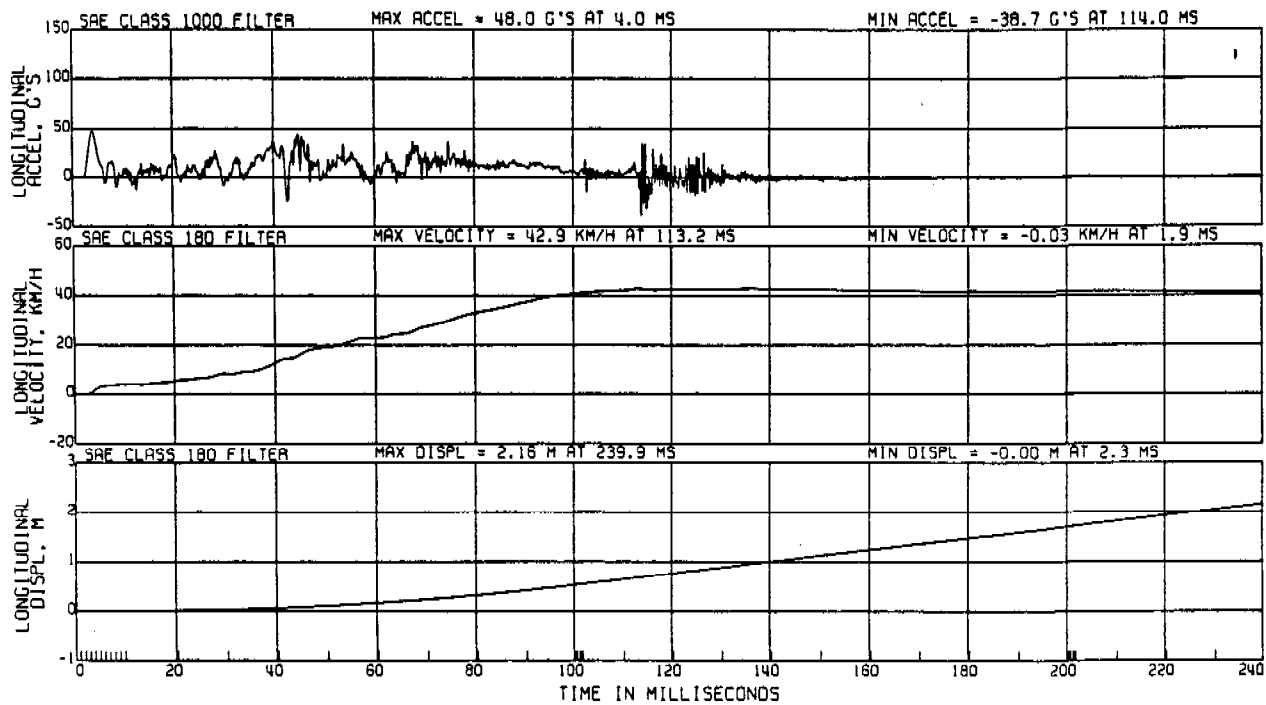
58 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-000R
ELEC DATA

R. FRT ROCKER

TEST DATE:01/28/1998



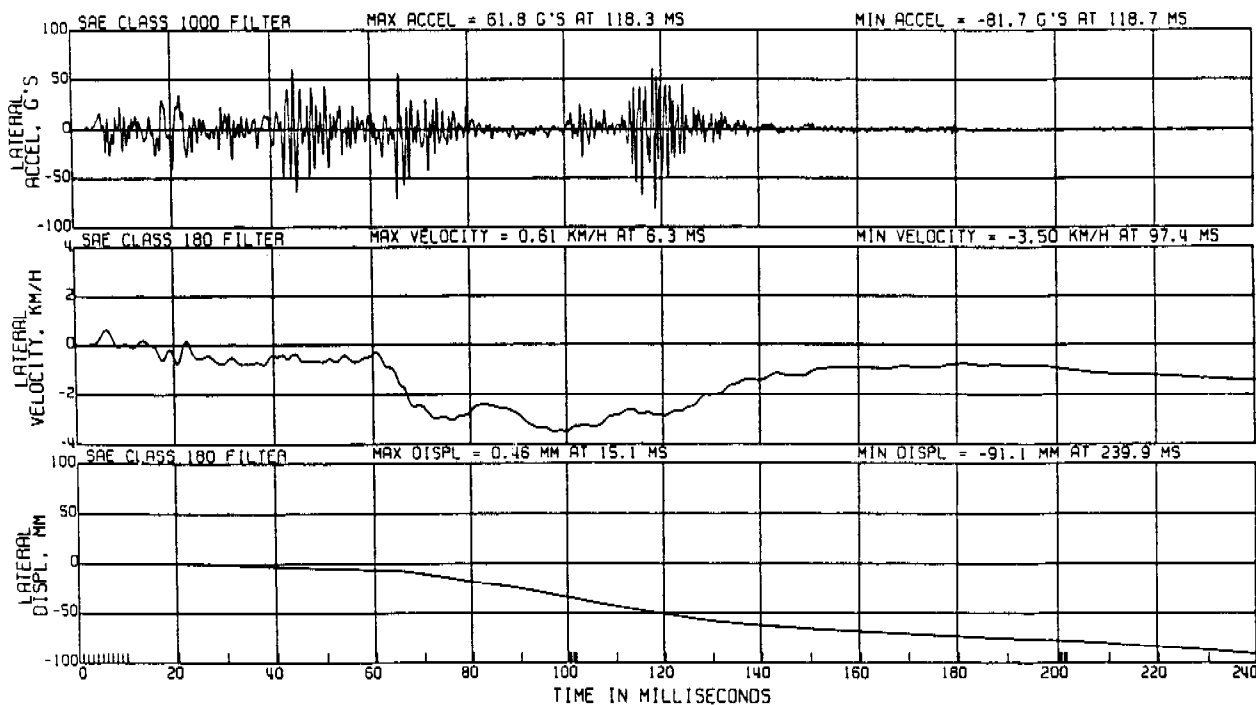
60 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-000R
ELEC DATA

R. FRT ROCKER

TEST DATE:01/28/1998



61 PROCESSED 1/28/1998 09:08 V2.07

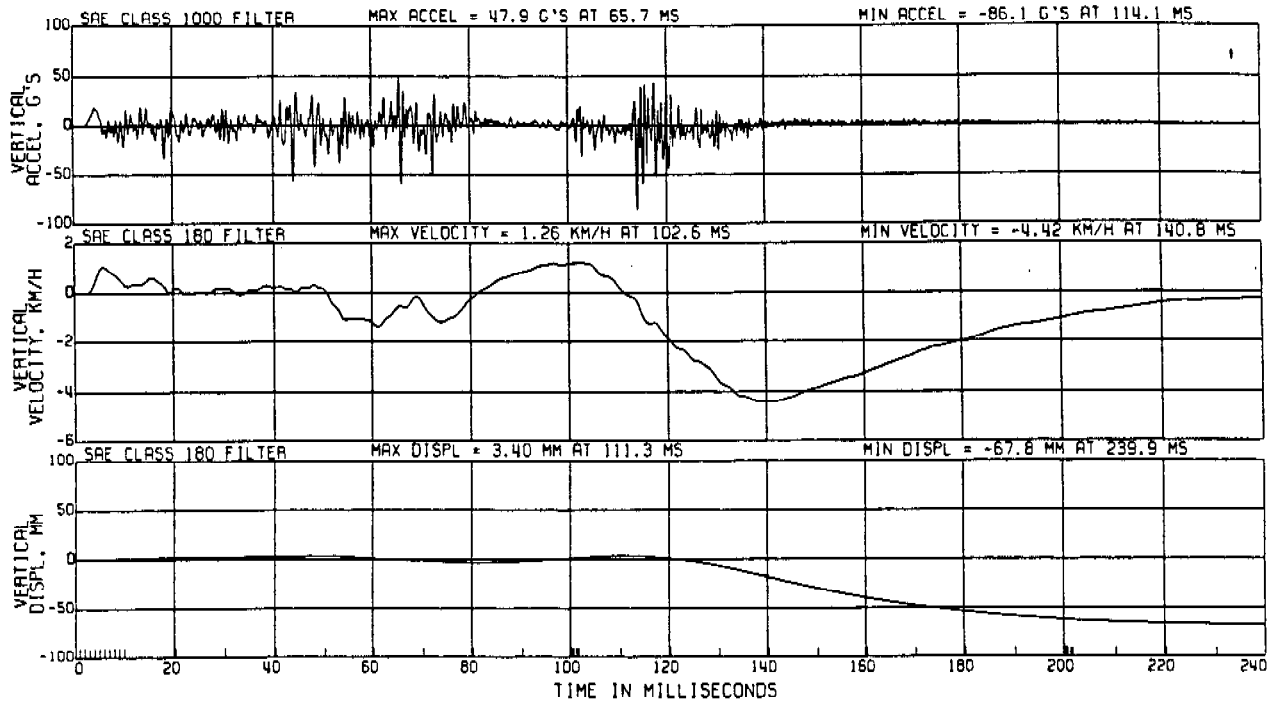
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

R. FRT ROCKER

TEST DATE:01/28/1998



62 PROCESSED 1/28/1998 09:08 V2.07

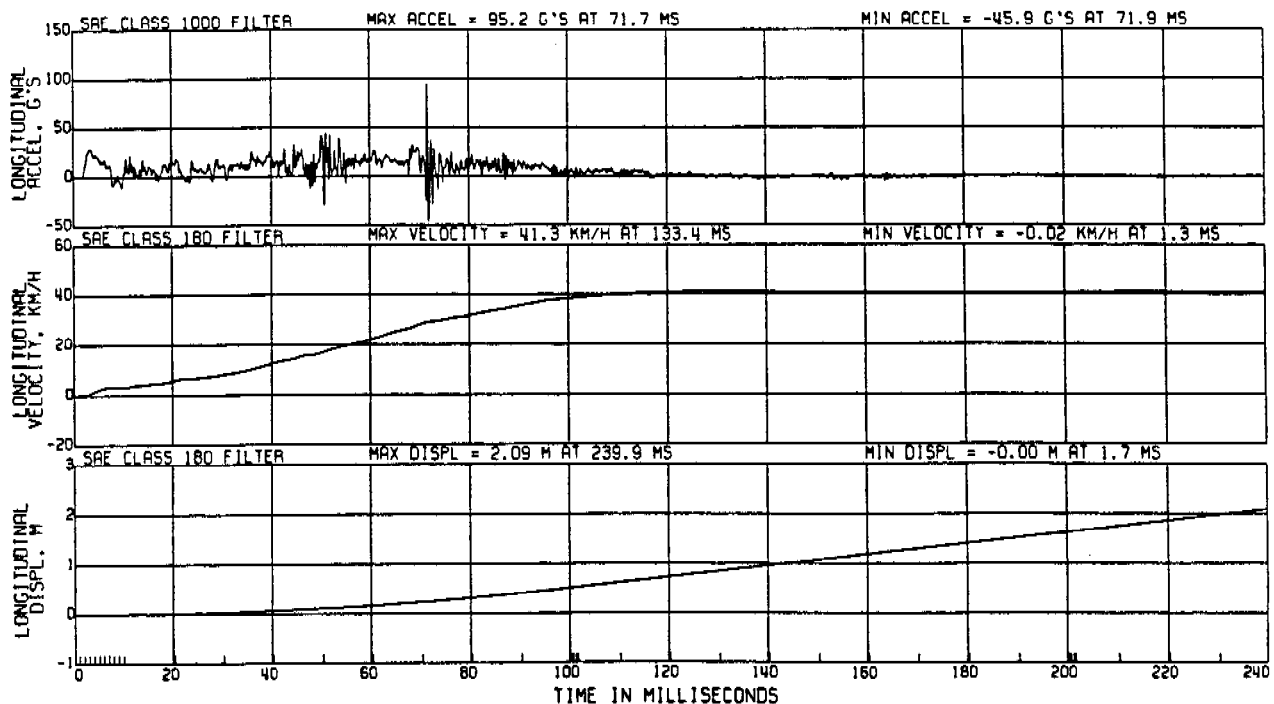
C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

L.REAR ROCKER

TEST DATE:01/28/1998



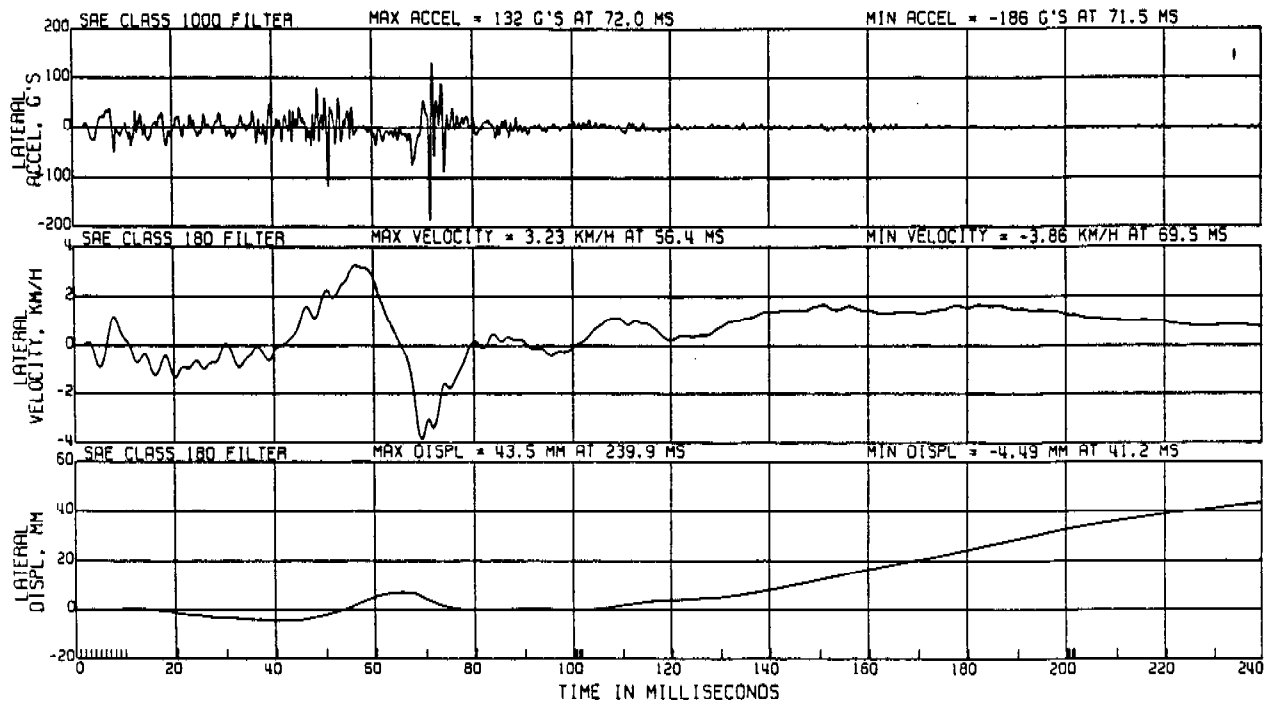
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000R

L.REAR ROCKER

TEST DATE:01/28/1998



64 PROCESSED 1/28/1998 09:08 V2.07

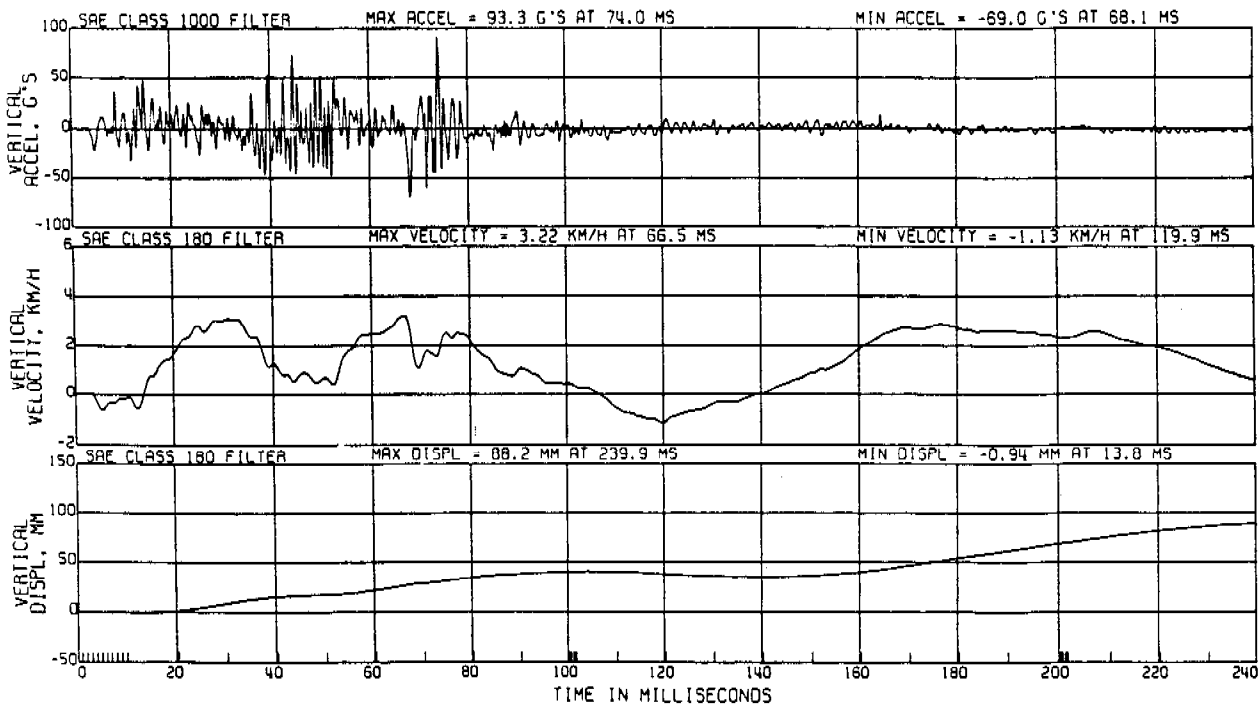
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000R

L.REAR ROCKER

TEST DATE:01/28/1998



65 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

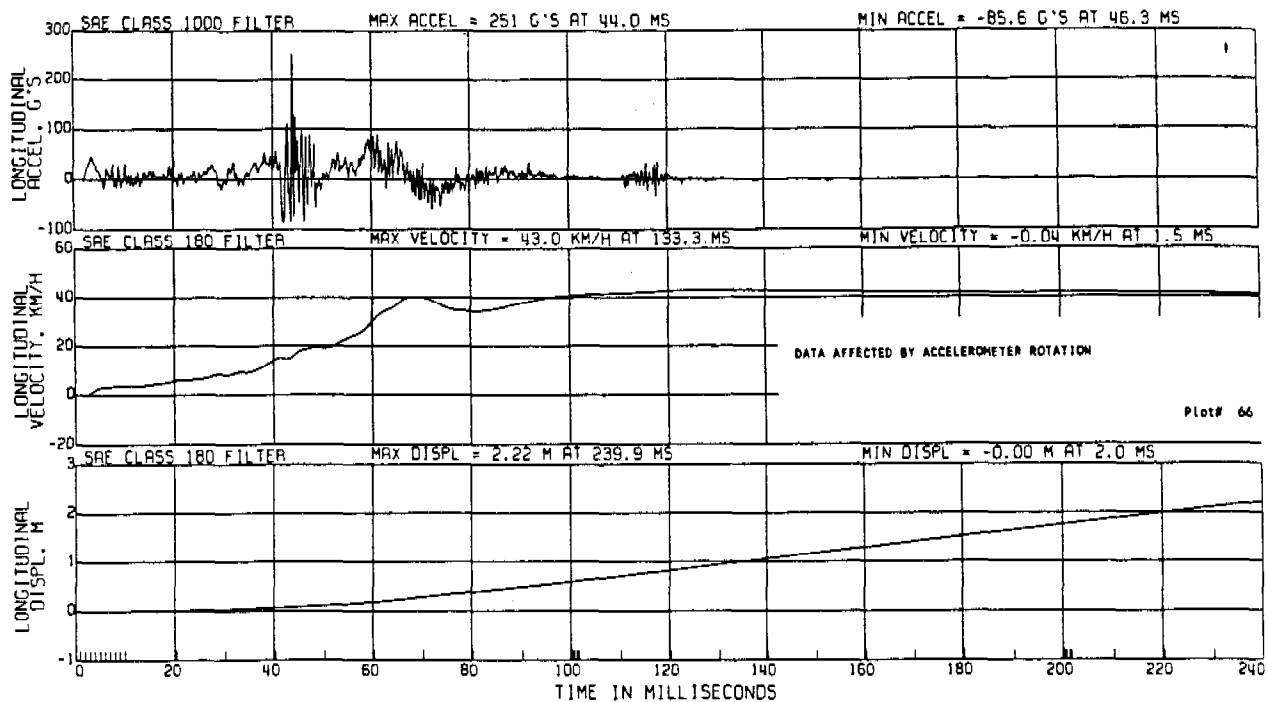
81.2KM/H

SC 8W9183D 4-DOOR

R.REAR ROCKER

TEST DATE:01/28/1998

ELEC DATA



66 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

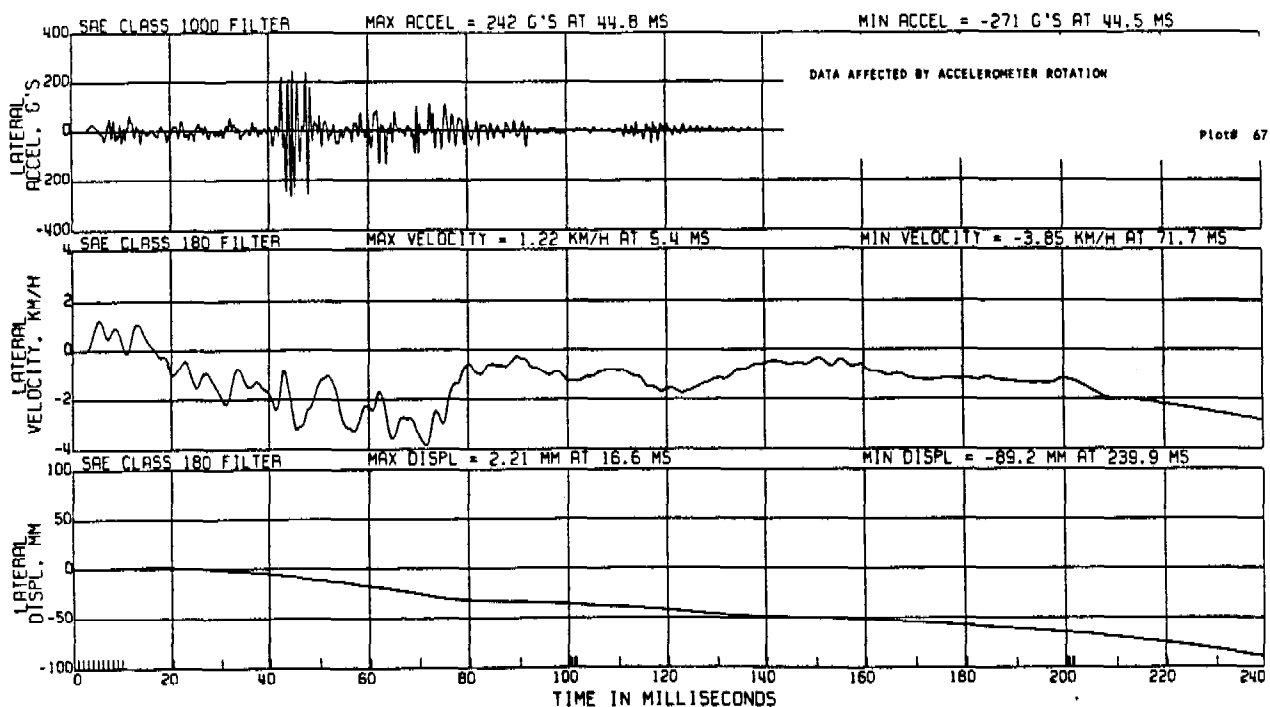
81.2KM/H

SC 8W9183D 4-DOOR

R.REAR ROCKER

TEST DATE:01/28/1998

ELEC DATA



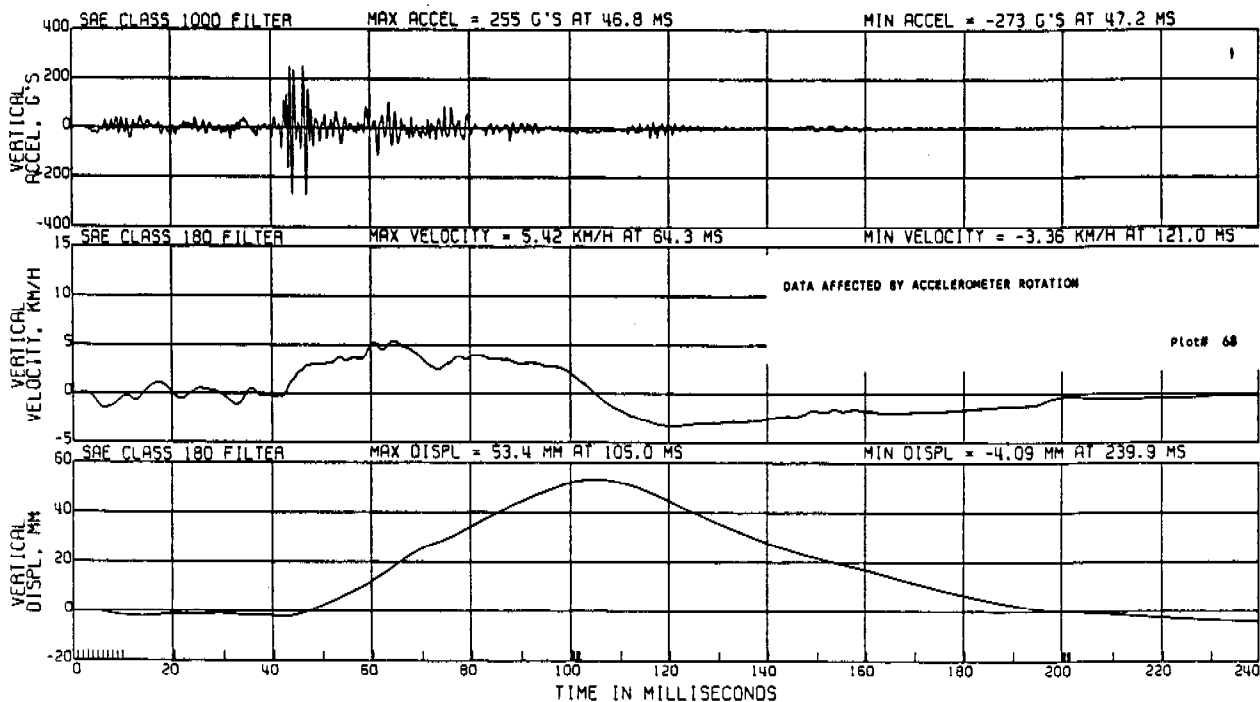
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000A

R.REAR ROCKER

TEST DATE:01/28/1998



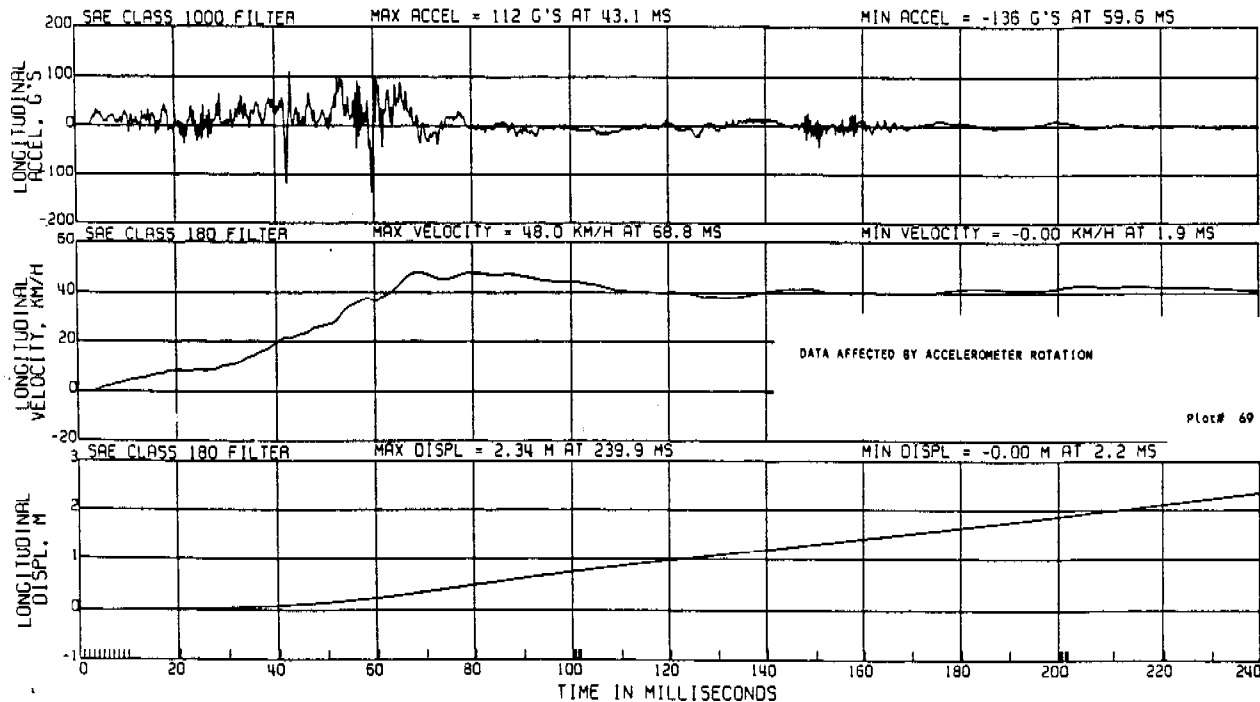
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

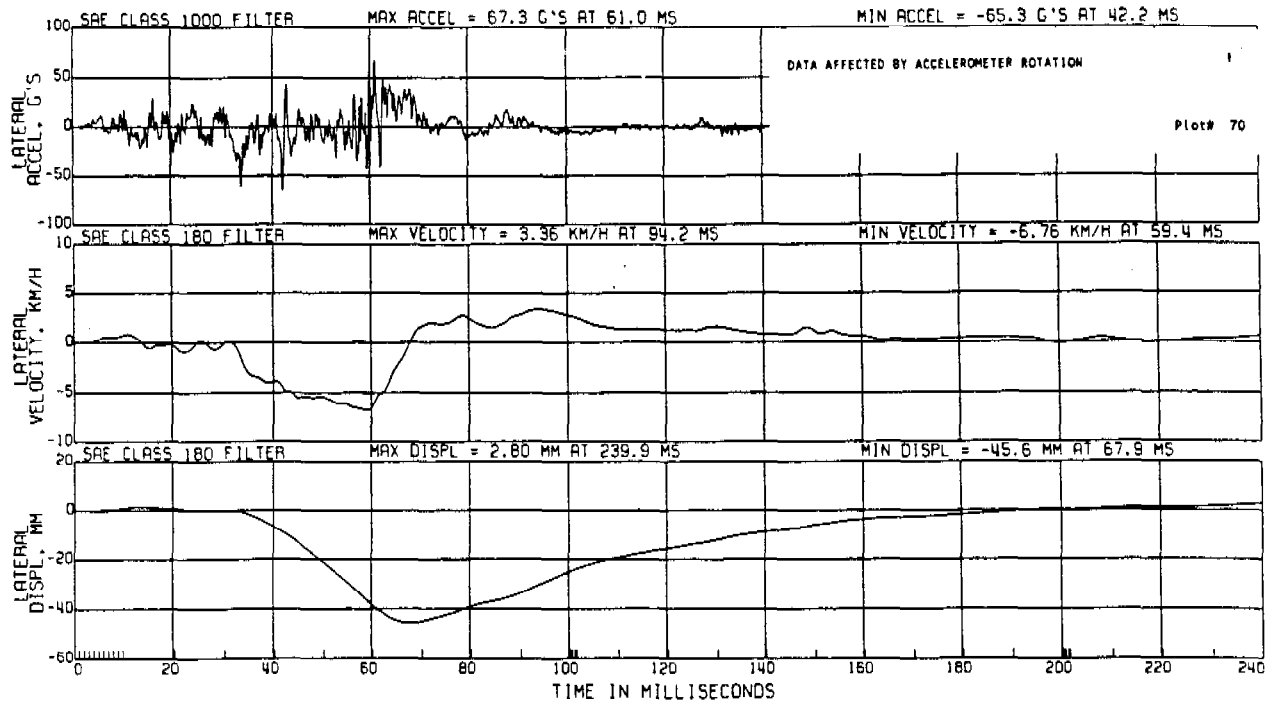
8W9183D 4-000A

CTR REAR SEATBACK CLOSEOUT

TEST DATE:01/28/1998

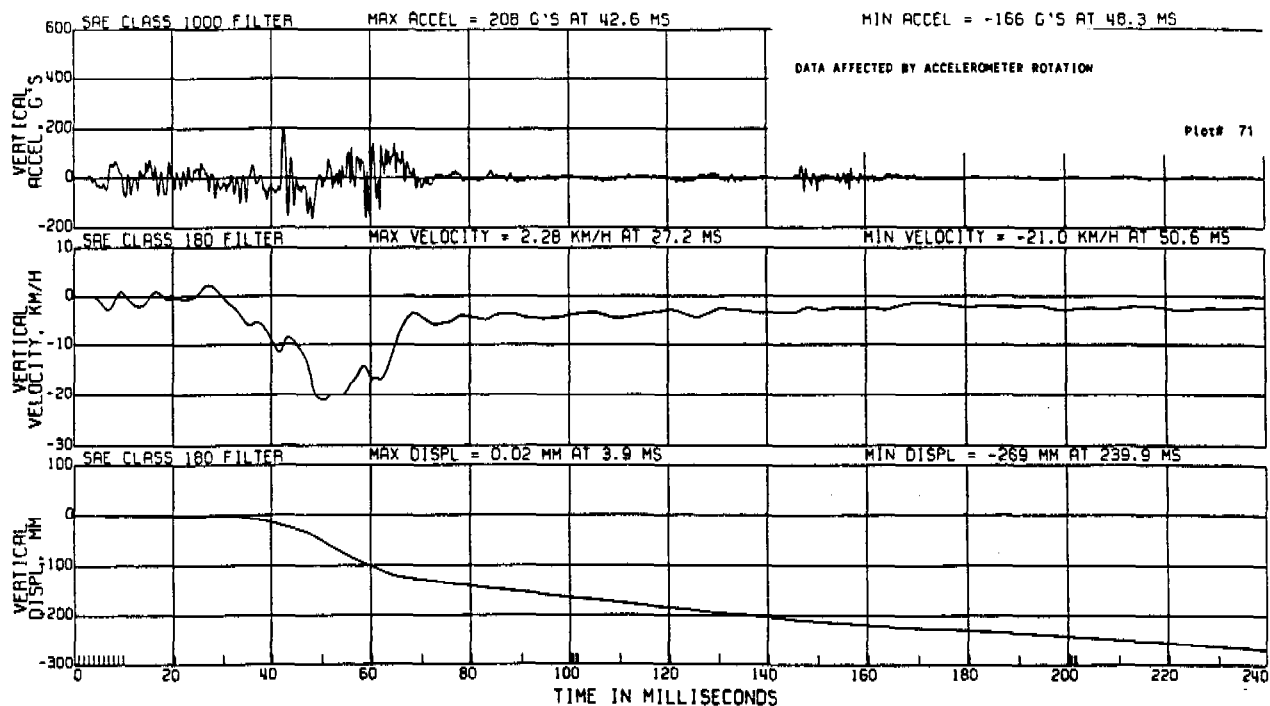


C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR CTR REAR SEATBACK CLOSEOUT TEST DATE:01/28/1998
 ELEC DATA



70 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR CTR REAR SEATBACK CLOSEOUT TEST DATE:01/28/1998
 ELEC DATA

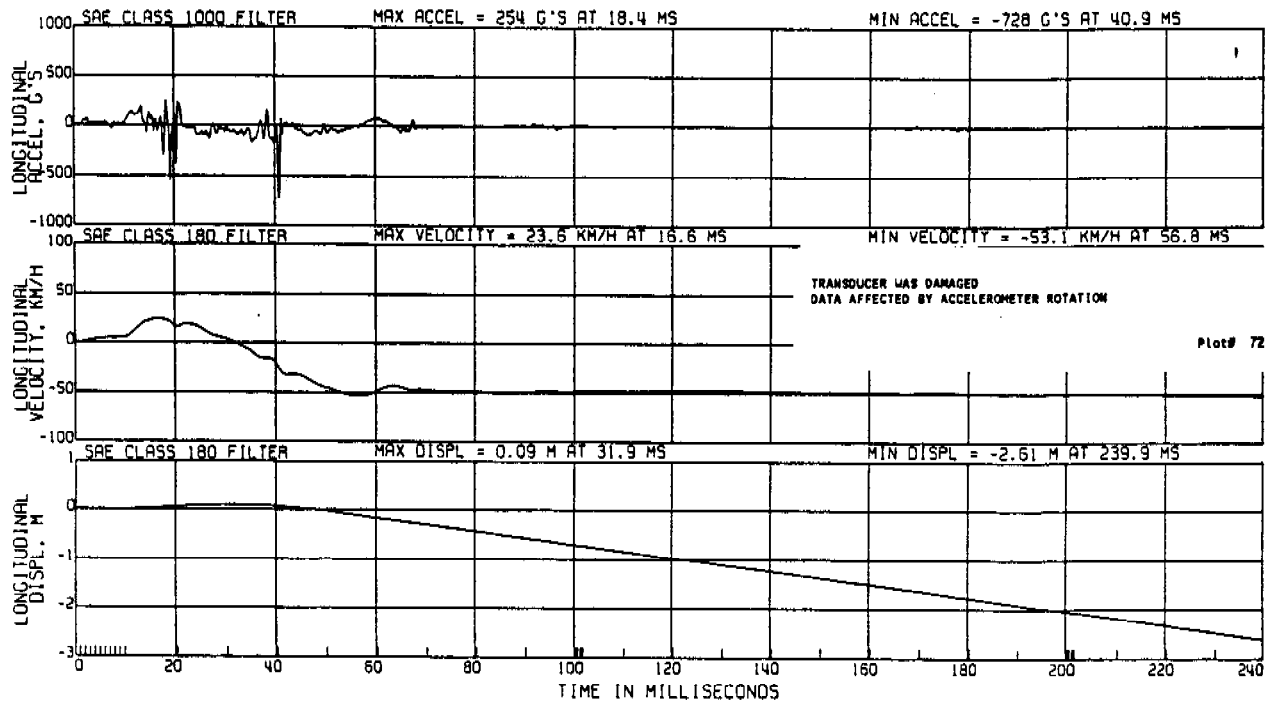


C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

L.REAR FRAME RAIL

TEST DATE:01/28/1998



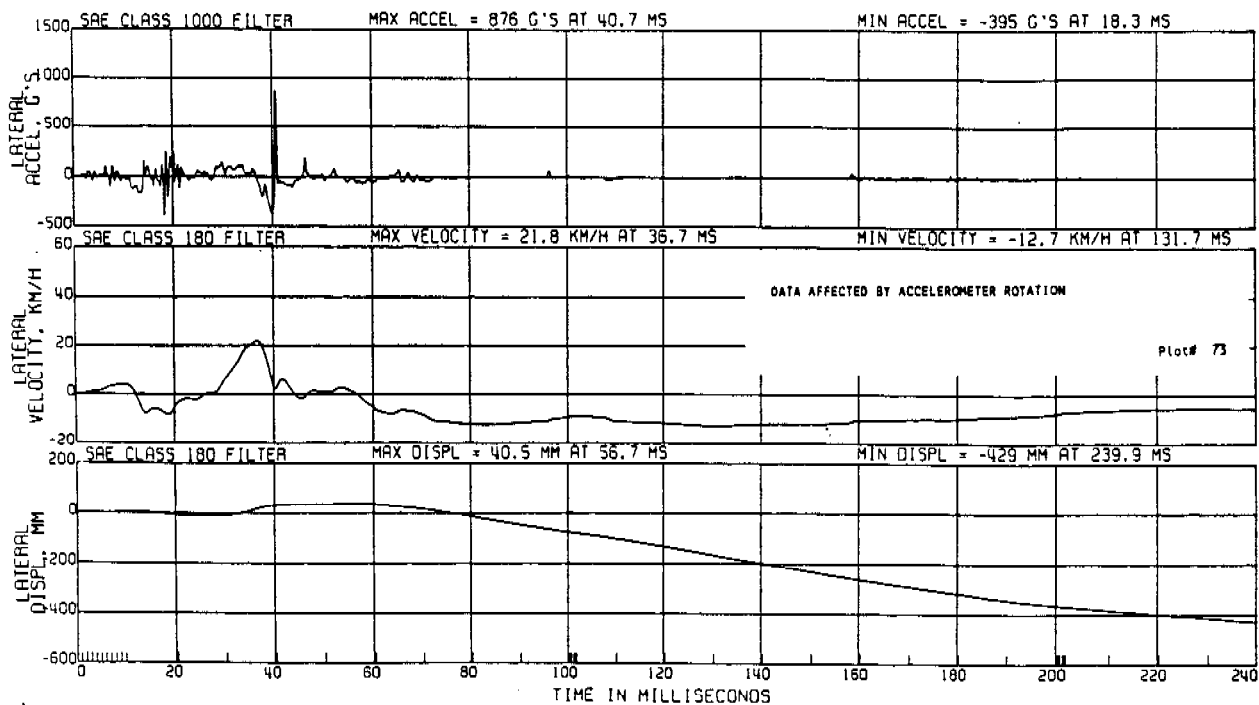
72 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC 8W9183D 4-DOOR
ELEC DATA

L.REAR FRAME RAIL

TEST DATE:01/28/1998



73 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP

LTV MOB TO STATIONARY VEHICLE

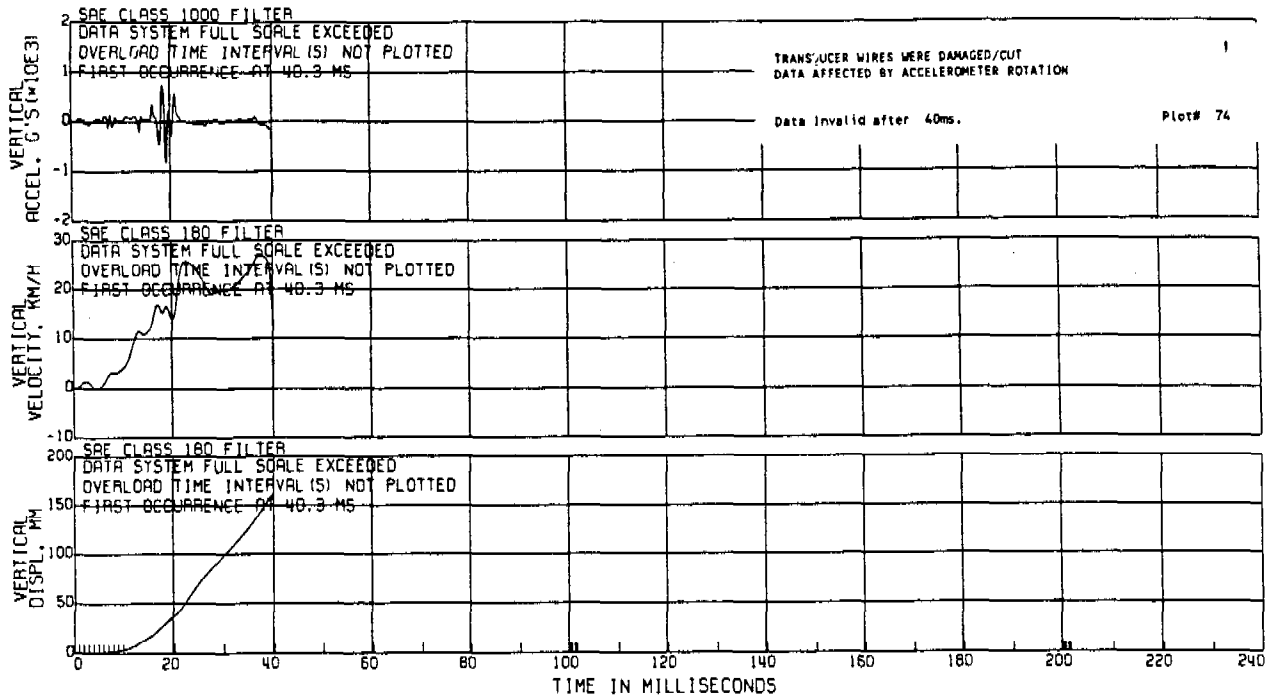
81.2KM/H

SC
ELEC DATA

8W9183D 4-DOOR

L.REAR FRAME RAIL

TEST DATE:01/28/1998



74 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP

LTV MOB TO STATIONARY VEHICLE

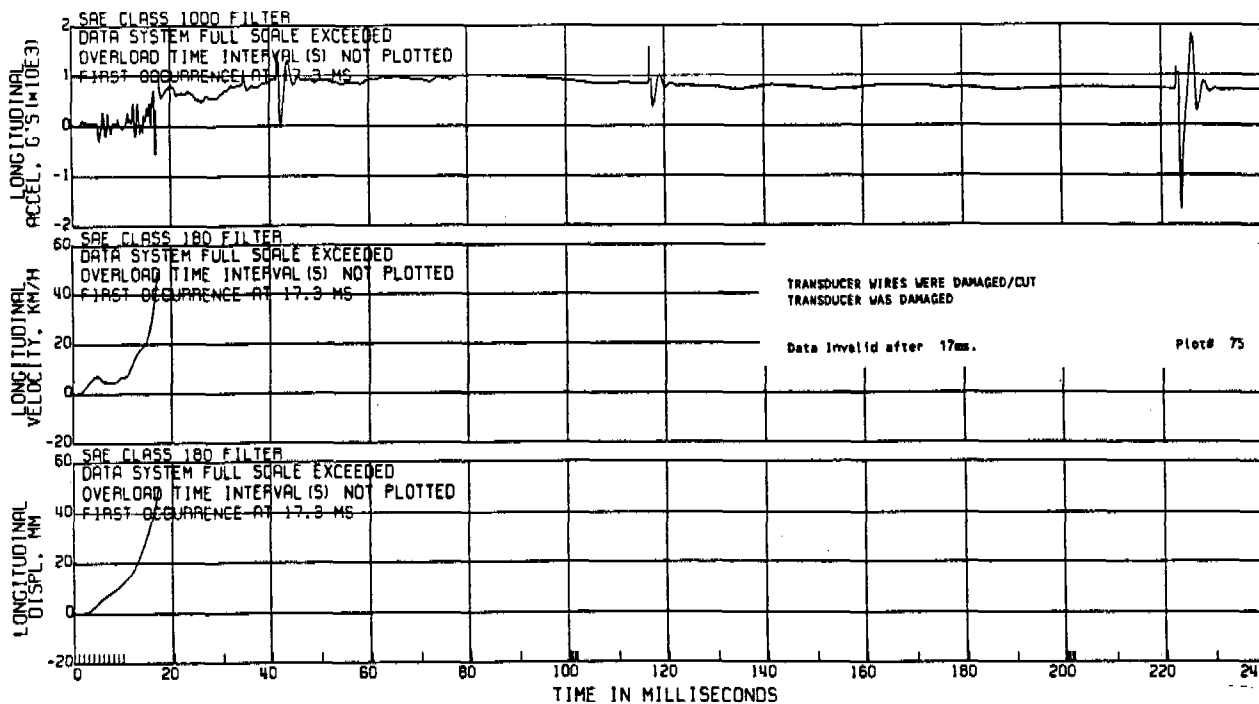
81.2KM/H

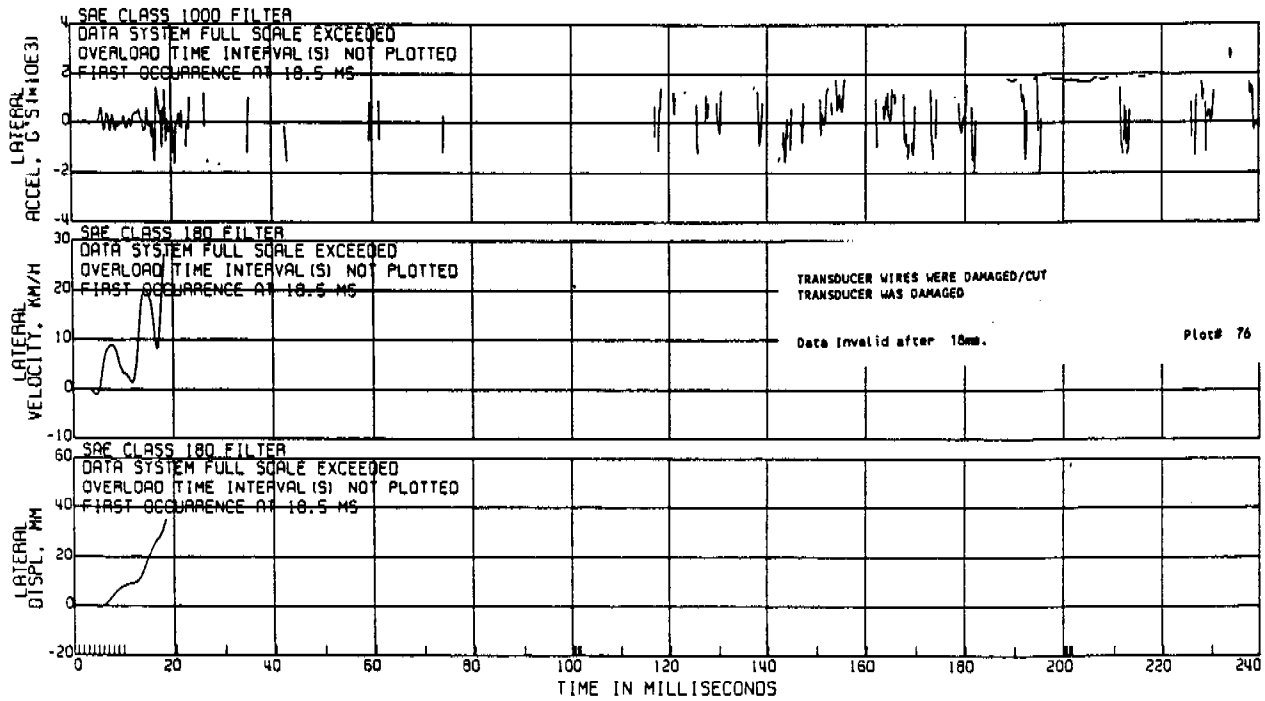
SC
ELEC DATA

8W9183D 4-DOOR

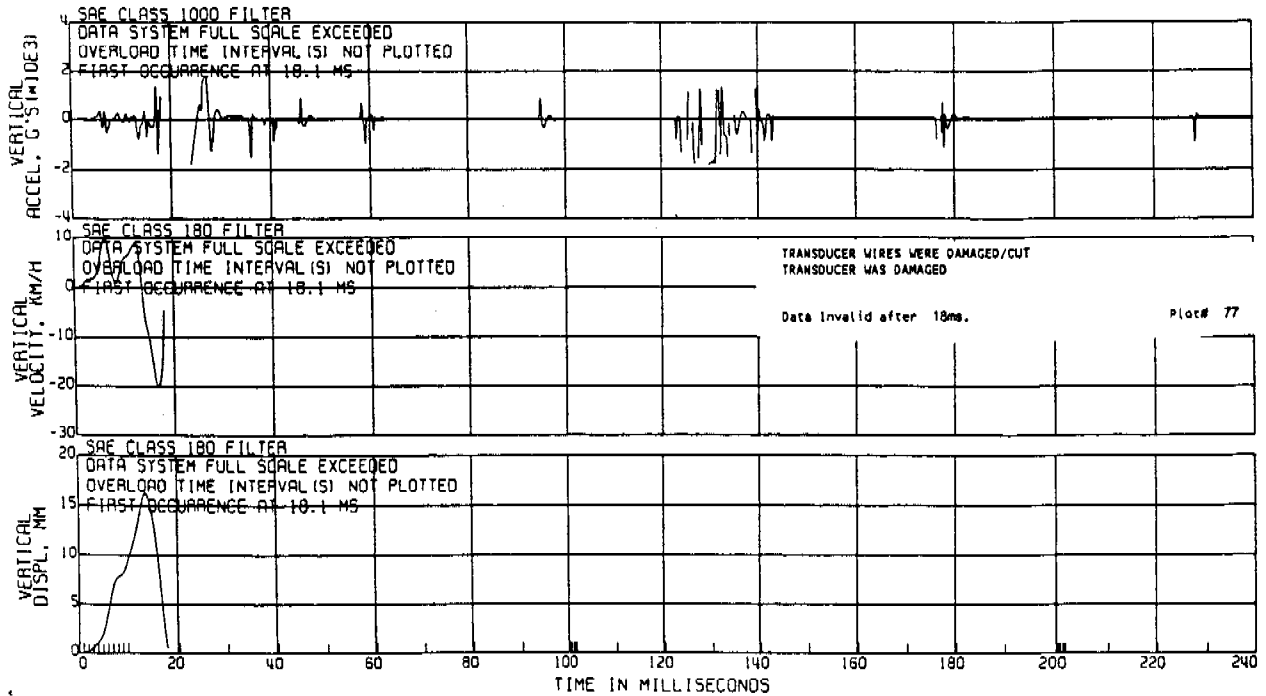
R.REAR FRAME RAIL

TEST DATE:01/28/1998



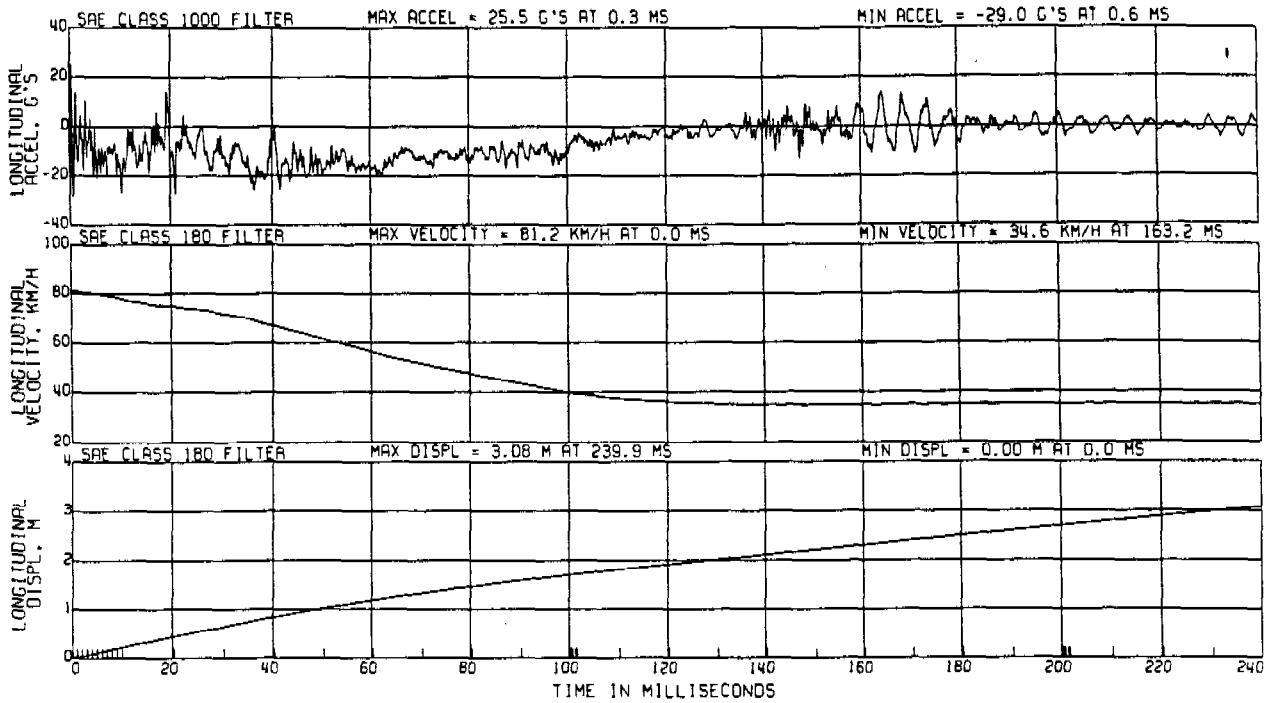


76 PROCESSED 1/28/1998 09:08 V2.07



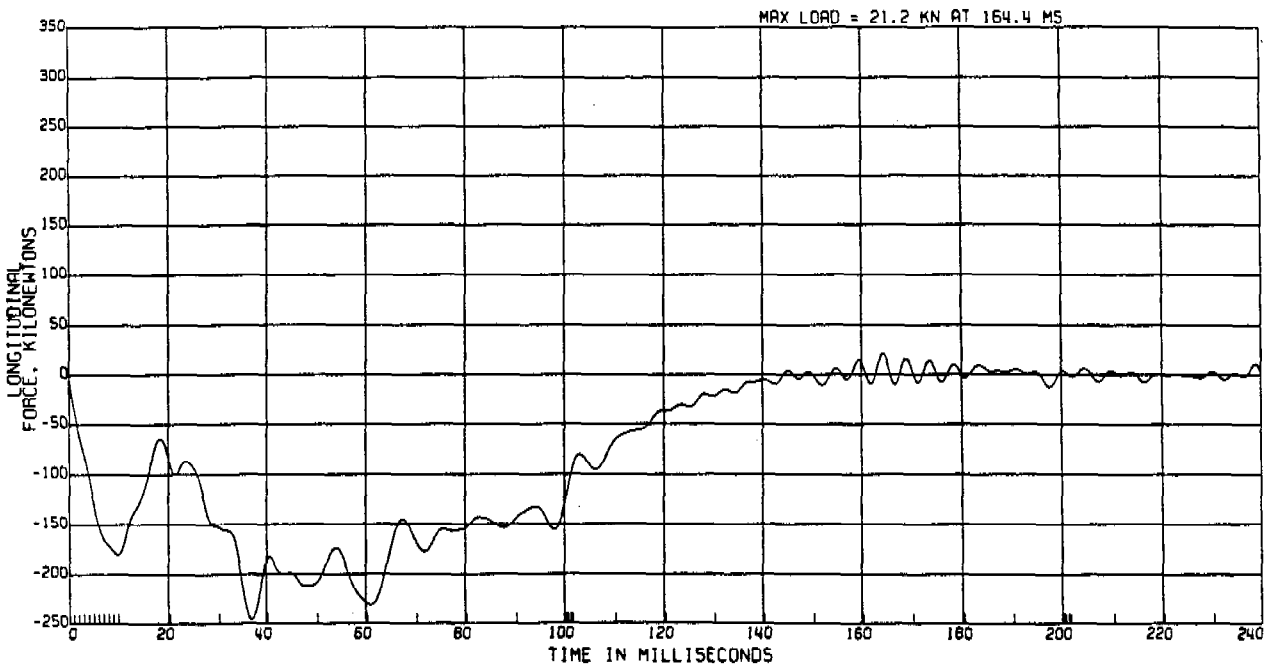
77 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-000R LTV MDB AT C.G. TEST DATE:01/28/1998
 ELEC DATA



78 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-000R LTV MDB LONG. FORCE AT C.G. TEST DATE:01/28/1998
 ELEC DATA, SAE CLASS 60 (1371.5 KG) (9.807) (LONG.ACCEL)



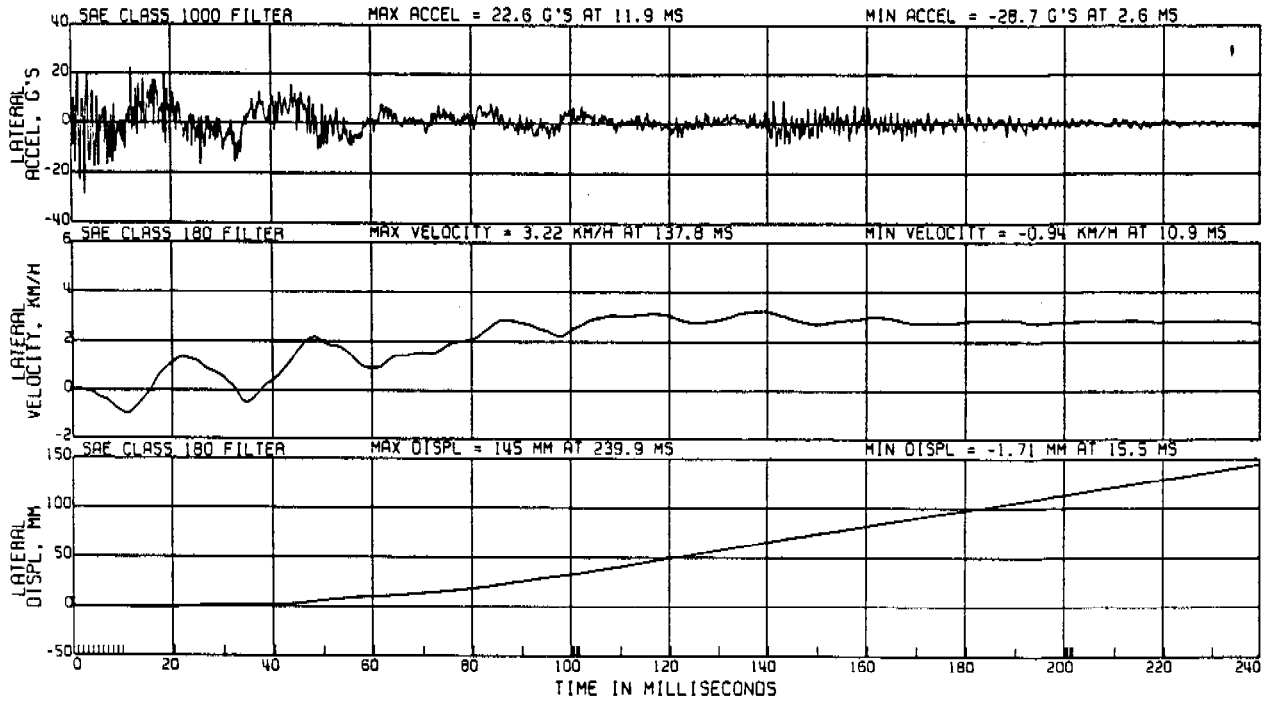
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000A

LTV MOB AT C.G.

TEST DATE:01/28/1998



80 PROCESSED 1/28/1998 09:08 V2.07

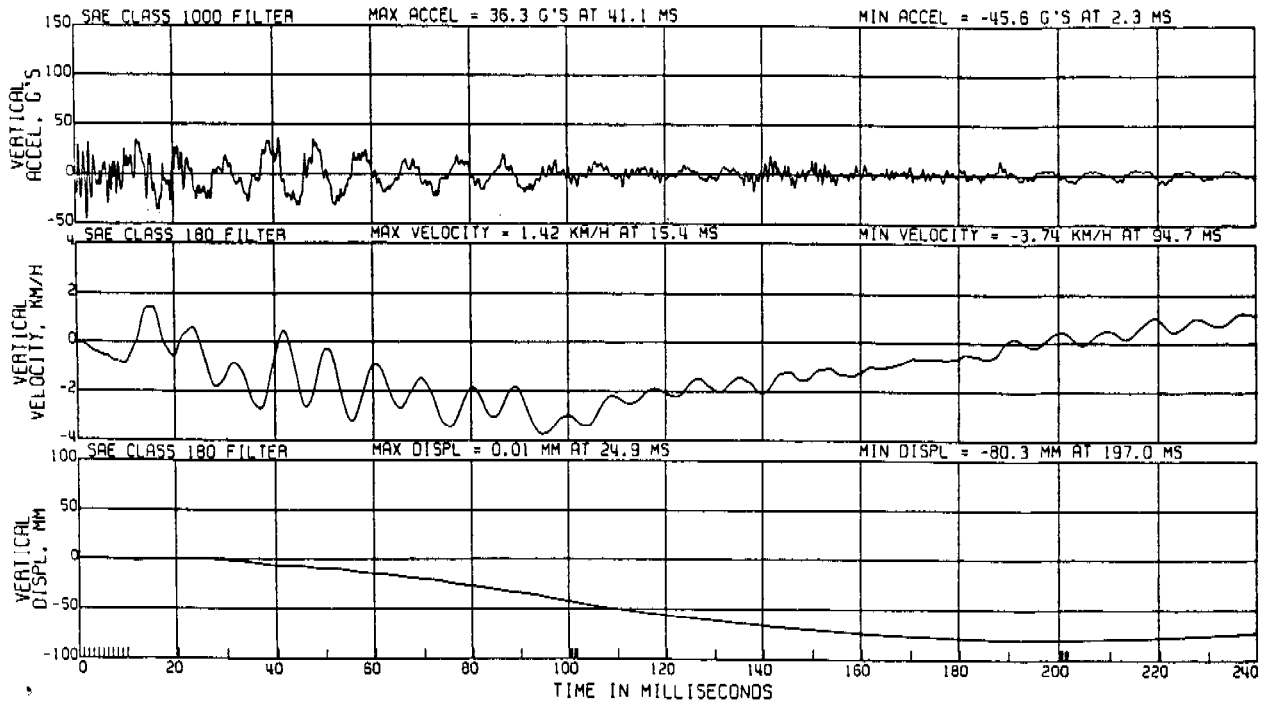
C11816 R.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 81.2KM/H

SC
ELEC DATA

8W9183D 4-000A

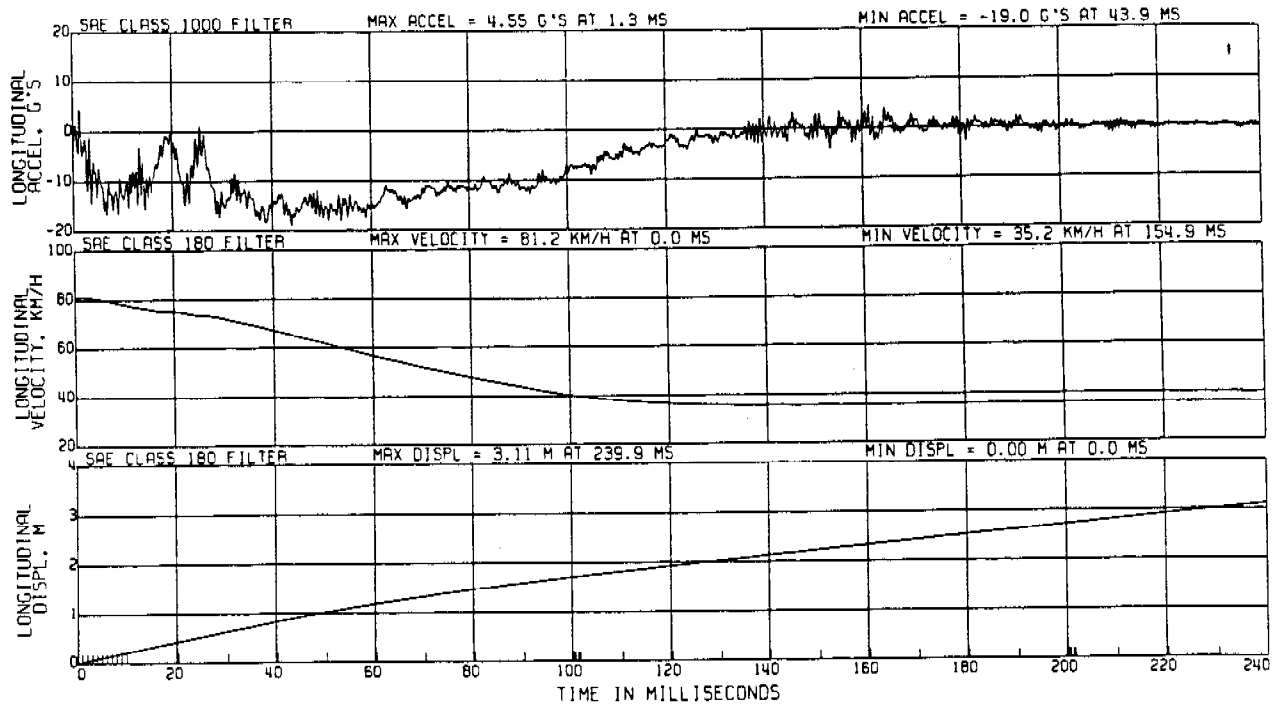
LTV MOB AT C.G.

TEST DATE:01/28/1998



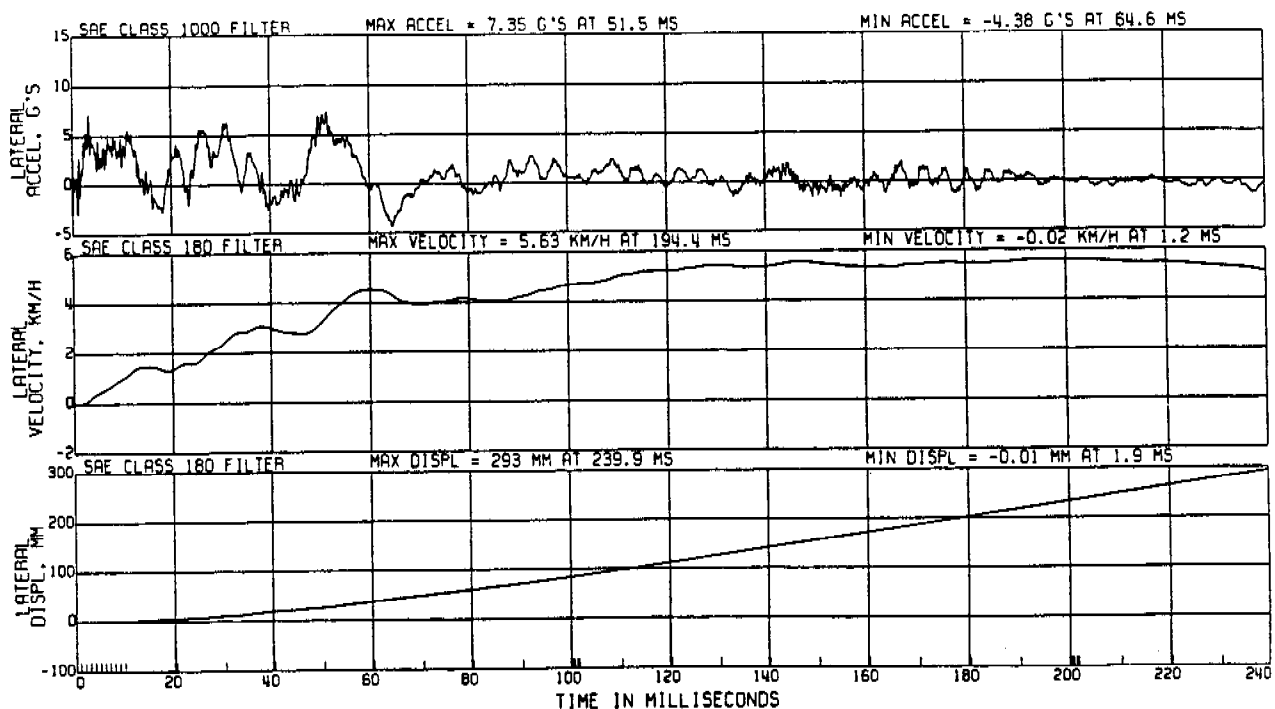
81 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR LTV MDB AT REAR C/MBR TEST DATE:01/28/1998
 ELEC DATA



62 PROCESSED 1/28/1998 09:08 V2.07

C11816 R.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 81.2KM/H
 SC 8W9183D 4-DOOR LTV MDB AT REAR C/MBR TEST DATE:01/28/1998
 ELEC DATA



C11816 R.REAR IMP 70% OVERLAP

LTV MOB TO STATIONARY VEHICLE

81.2KM/H

SC
ELEC DATA

8W91830 4-DOOR

LTV MOB AT REAR C/MBR

TEST DATE:01/28/1998

