

V3428

TEST REPORT

REPORT NO. PG
 SROL TEST NO. C11817
 TEST DATE DEC 18, 1997

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% L REAR IMPACT

Enclosure 1
 54 pages

VEHICLE DESCRIPTION

MAKE	YEAR	BODY TYPE	BODY STYLE	DIVISION CAR NO.	BUILD STATUS	
HONDA	98	SEDAN	4-DOOR	BW9185D	PRODUCTION	
ENGINE	CONFIGURATION	L4	DISPLACEMENT	1.6 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	45.0 L	UNUSABLE CAPACITY	N/D L	AC	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SPECIAL FEATURES:						

TEST CONDITIONS

MOVING BARRIER			
VELOCITY AT IMPACT	80.7 km/h	LOCATION	VEHICLE <input type="checkbox"/> DRIVER SRP <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>
TEST MASS	1371 kg	AT IMPACT	
VEHICLE		DUMMIES	
TEST MASS	FRONT 827 kg	LEFT FRONT	MAKE GM50H NO. 23
LESS DUMMIES <input type="checkbox"/>	REAR 527 kg		TYPE 50TH %ILE MALE MASS 90.0 kg
INCLUDING DUMMIES <input checked="" type="checkbox"/>	TOTAL 1354 kg		RESTRAINT L/S & SIR
FUEL TEST VOLUME: CONTENTS	STODDARD SOLVENT	RIGHT FRONT	MAKE GM50H NO. 15
TANK 93 % OF USABLE CAPACITY=	41.8 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"/>	TEST CONFIGURATION:	
SEAT POSITION	MID		
VEHICLE ATTITUDE			
J= DRIVER SIDE	160 mm PASSENGER SIDE 160 mm		
K= DRIVER SIDE	170 mm PASSENGER SIDE 170 mm		
COMMENTS:			

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"/>		
	ONBOARD-BACKSEAT	<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 ACC	<input checked="" type="checkbox"/>	REAR FRAME RAIL ACC	<input checked="" type="checkbox"/>

N/A NOT APPLICABLE/D NOT DETERMINED

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		0	mm
	RIGHT FRONT	X			FULL	mm
LEFT REAR		X		0	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		YES	NO	N/A	N/D	NOTE
	BODY TO-FRAME OR CRADLE MOUNTS REMAINED ATTACHED	X				
	SPARE TIRE REMAINED IN PLACE	X				
	TRUNK LID OR REAR HATCH REMAINED INTACT	X				
				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=1185MM; ACTUAL OVERLAP=1162MM.

VEHICLE DATA

		REAR IMPACT					
VEHICLE RESIDUAL CRUSH	DRIVER SIDE	1190	mm	FUEL TANK	DRIVER SIDE	13	mm
	PASSENGER SIDE	465	mm	RESIDUAL CRUSH	PASSENGER SIDE	0	mm
VEHICLE DYNAMIC CRUSH	DRIVER SIDE	N/D	mm	FUEL TANK	DRIVER SIDE	120	mm
	PASSENGER SIDE	N/D	mm	RESIDUAL DISP	PASSENGER SIDE	46	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		

AVG = 827mm
870 CAL
764 TOP OF Bump @ CAL
357 of Bump

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

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FUEL SYSTEM INTEGRITY

FUEL SPILLAGE (MASS) AT BARRIER IMPACT SITE

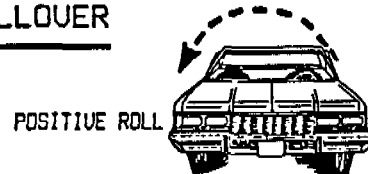
DURING IMPACT 0 gm DURING FIRST FIVE MINUTES AFTER IMPACT 0 gm

AFTER FIRST FIVE MINUTES: 0 gm

COMMENTS: _____

FUEL SPILLAGE DURING STATIC ROLLOVER

ROLL DIRECTION: POSITIVE NEGATIVE
 ROLL RATE-APPROXIMATELY 2 MINUTES PER 90 DEGREE INCREMENT
 ROLL DATE DEC 19, 1997



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

COMMENTS: _____

ROLL DIRECTION: POSITIVE NEGATIVE
 ROLL RATE-APPROXIMATELY 2 MINUTES PER 90 DEGREE INCREMENT
 ROLL DATE DEC 19, 1997



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

COMMENTS: _____

N/A NOT APPLICABLE

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>369</u>	<u>841</u>
HIP	<u>219</u>	<u>190</u>
KNEE	<u>159</u>	<u>325</u>
PELVIC ANGLE	<u>23.2</u>	SEAT BACK ANGLE <u>24</u>
<u>RIGHT FRONT PASSENGER</u>		
HEAD	<u>380</u>	<u>846</u>
HIP	<u>227</u>	<u>207</u>
KNEE	<u>164</u>	<u>306</u>
PELVIC ANGLE	<u>21.4</u>	SEAT BACK ANGLE <u>24</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.

CIVIC

TEST DATA PROBLEM SUMMARY

C11817 8W9185D SC 80.7 KM/H
LTV MDB TO STATIONARY VEHICLE - L. REAR IMPACT 70 % OVERLAP
Test Engineer: T.J.Sienkiewicz Test Date: 12/18/97

See last page of report for statistics.

L. FRT SEAT BACK
LONGITUDINAL ACCELERATION

CHANNEL PLOT NUMBER	63 51	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

L. FRT SEAT BACK
VERTICAL ACCELERATION

CHANNEL PLOT NUMBER	65 53	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. FRT SEAT BACK
LONGITUDINAL ACCELERATION

CHANNEL PLOT NUMBER	66 54	Error Code LOST?	10 no
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Data Invalid after 53 ms.

Remarks: FULL SCALE CALIBRATION LEVEL EXCEEDED
DATA AFFECTED BY ACCELEROMETER ROTATION

R. FRT SEAT BACK LATERAL ACCELERATION	CHANNEL PLOT NUMBER	67 55	Error Code LOST?	10 no
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Data Invalid after 98 ms.

Remarks: FULL SCALE CALIBRATION LEVEL EXCEEDED

R. FRT SEAT BACK VERTICAL ACCELERATION	CHANNEL PLOT NUMBER	68 56	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

L. REAR ROCKER LONGITUDINAL ACCELERATION	CHANNEL PLOT NUMBER	75 63	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

L. REAR ROCKER LATERAL ACCELERATION	CHANNEL PLOT NUMBER	76 64	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR FRAME RAIL
LATERAL ACCELERATION

CHANNEL 88 Error Code 11
PLOT NUMBER 76 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR FRAME RAIL
VERTICAL ACCELERATION

CHANNEL 89 Error Code 11
PLOT NUMBER 77 LOST? no

Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

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 80.7KM/H

C11817 L.REAR IMP 70% OVERLAP
 SC 8W9185D 4-DOOR

ATD TYPE: GM50H
 TEST DATE: 12/18/1997

MEASURED QUANTITY	100% OF IARV	150% OF IARV	IARV VALUE	IARV
HIC, LIMITED TO 15 MS			790	1000
HIC, LIMITED TO 36 MS			790	1000
NECK FLEXION			16NM	190NM
NECK EXTENSION			28NM	57NM
NECK TENSION			1134N	3300N
NECK COMPRESSION			1236N	4000N
NECK SHEAR FORWARD			266N	3100N
NECK SHEAR REARWARD			298N	3100N
NECK TENSION DUR ASSESS			0.34	1.00
NECK COMPRESSION DUR ASSESS			0.31	1.00
NECK SHEAR FWD DUR ASSESS			0.09	1.00
NECK SHEAR RWD DUR ASSESS			0.10	1.00
CHEST ACCEL			27G	60G
† CHEST COMPRESSION W/O SH BELT			4.0MM	65.0MM †
† CHEST COMPRESSION W/ SH BELT			4.0MM	50.0MM †
CHEST VISCOUS CRITERIA			0.01M/SEC	1.00M/SEC
FEMUR COMP, LEFT			558N	10000N
FEMUR COMP, RIGHT			1110N	10000N
FEMUR DURATION ASSESS, LEFT			0.07	1.00
FEMUR DURATION ASSESS, RIGHT			0.12	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 12/18/1997 14:18 V2.07

L. REAR ROCKER
VERTICAL ACCELERATION

CHANNEL 77 Error Code 11
PLOT NUMBER 65 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?	11 no
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Remarks: 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?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

R. REAR FRAME RAIL
LONGITUDINAL ACCELERATION

CHANNEL PLOT NUMBER	87 75	Error Code LOST?	11 no
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Remarks: DATA AFFECTED BY ACCELEROMETER ROTATION

RIGHT FRONT
 ANTHROPOMORPHIC TEST DEVICE SUMMARY DATA
 LTV MDB TO STATIONARY VEHICLE 80.7KM/H

C11817 L.REAR IMP 70% OVERLAP
 SC 8W9185D 4-DOOR.

ATD TYPE: GM50H
 TEST DATE: 12/18/1997

MEASURED QUANTITY	100% OF IARV	150% OF IARV	IARV VALUE	IARV
HIC, LIMITED TO 15 MS			300	1000
HIC, LIMITED TO 36 MS			310	1000
NECK FLEXION			29NM	190NM
NECK EXTENSION			31NM	57NM
NECK TENSION			1358N	3300N
NECK COMPRESSION			114N	4000N
NECK SHEAR FORWARD			519N	3100N
NECK SHEAR REARWARD			163N	3100N
NECK TENSION DUR ASSESS			0.41	1.00
NECK COMPRESSION DUR ASSESS			0.04	1.00
NECK SHEAR FWD DUR ASSESS			0.17	1.00
NECK SHEAR RWD DUR ASSESS			0.05	1.00
CHEST ACCEL			39G	60G
† CHEST COMPRESSION W/O SH BELT			3.6MM	65.0MM †
† CHEST COMPRESSION W/ SH BELT			3.6MM	50.0MM †
CHEST VISCOUS CRITERIA			0.01M/SEC	1.00M/SEC
FEMUR COMP, LEFT			538N	10000N
FEMUR COMP, RIGHT			580N	10000N
FEMUR DURATION ASSESS, LEFT			0.07	1.00
FEMUR DURATION ASSESS, RIGHT			0.07	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 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP

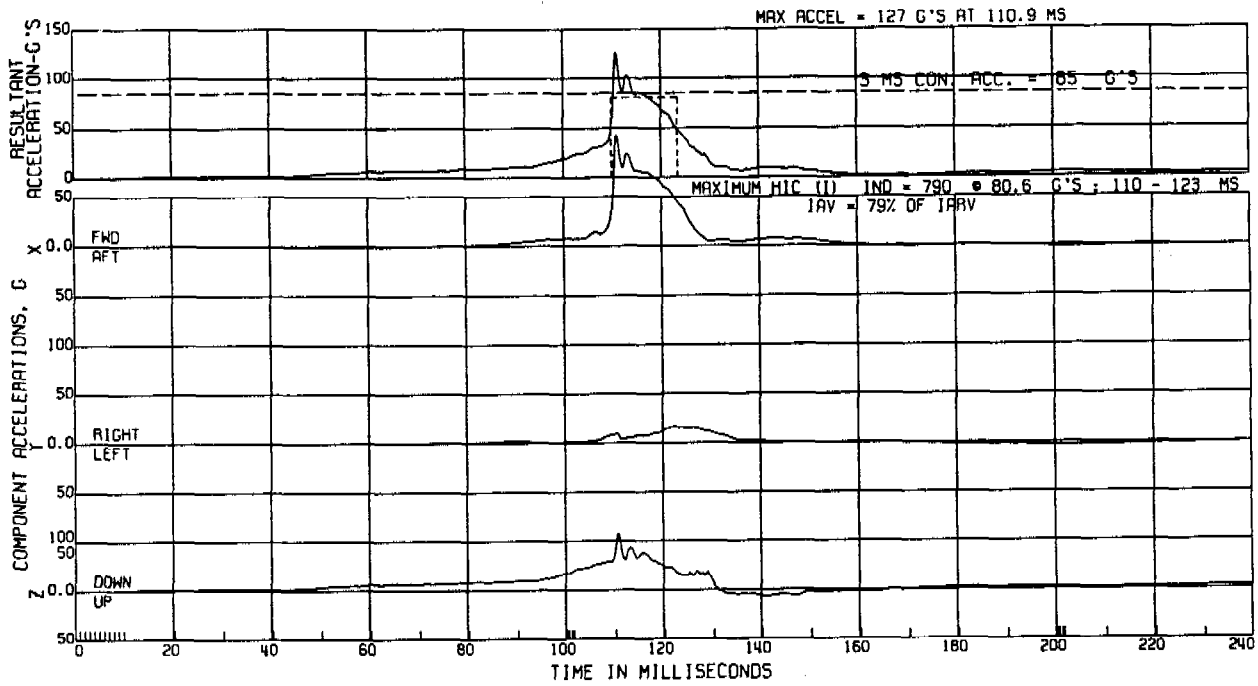
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

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

ATD TYPE: GM50H
TEST DATE:12/18/1997



1 PROCESSED 12/18/1997 14:16 V2.07

C11817 L.REAR IMP 70% OVERLAP

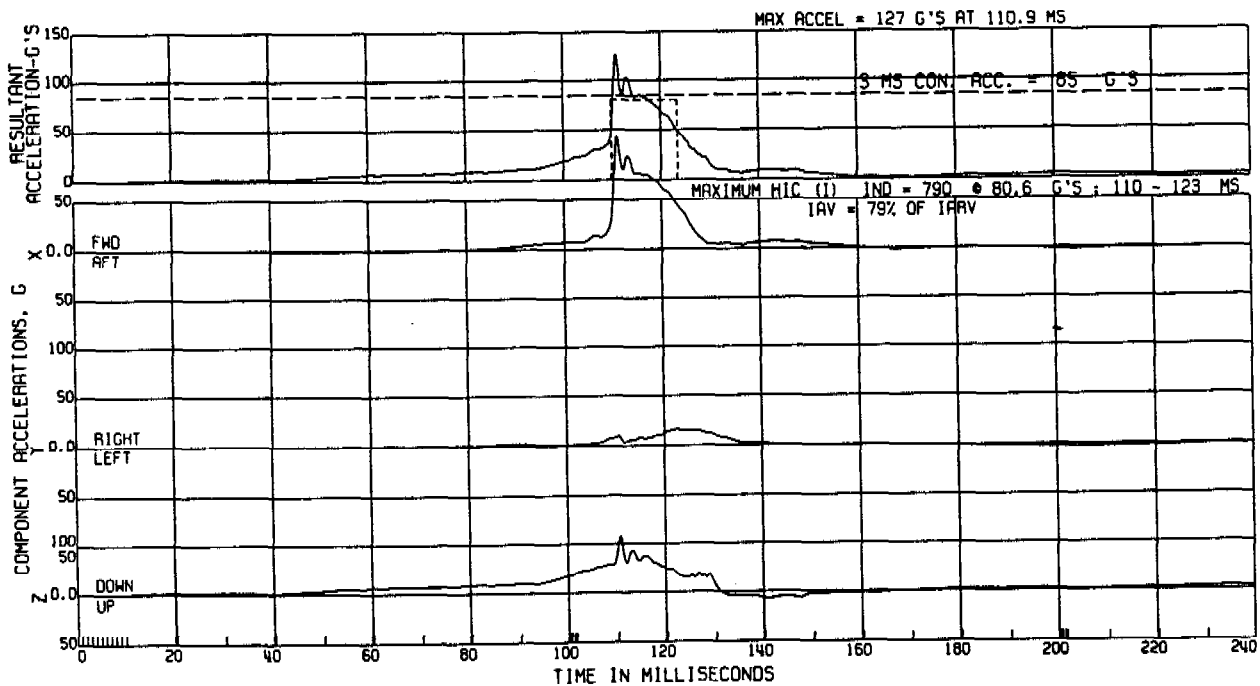
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

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

ATD TYPE: GM50H
TEST DATE:12/18/1997



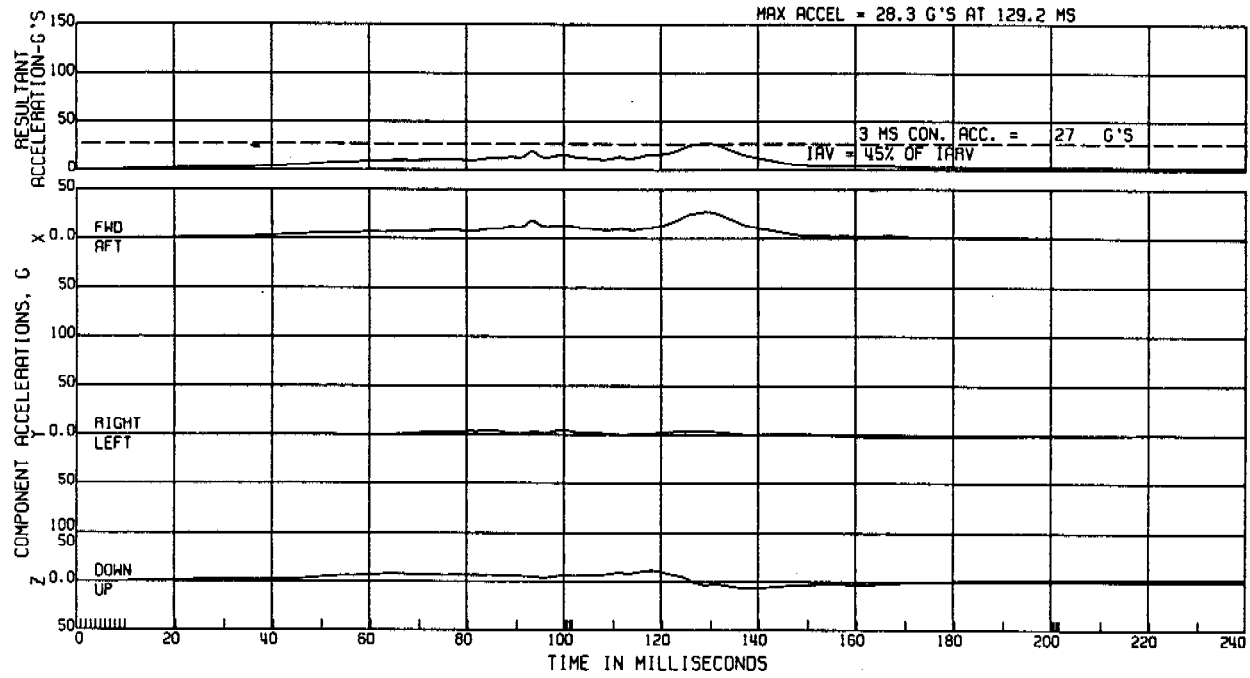
2 PROCESSED 12/18/1997 14:16 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-000R
ELEC DATA, SAE CLASS 180

L. FAT CHEST ACCEL.

ATD TYPE: GM50H
TEST DATE: 12/18/1997



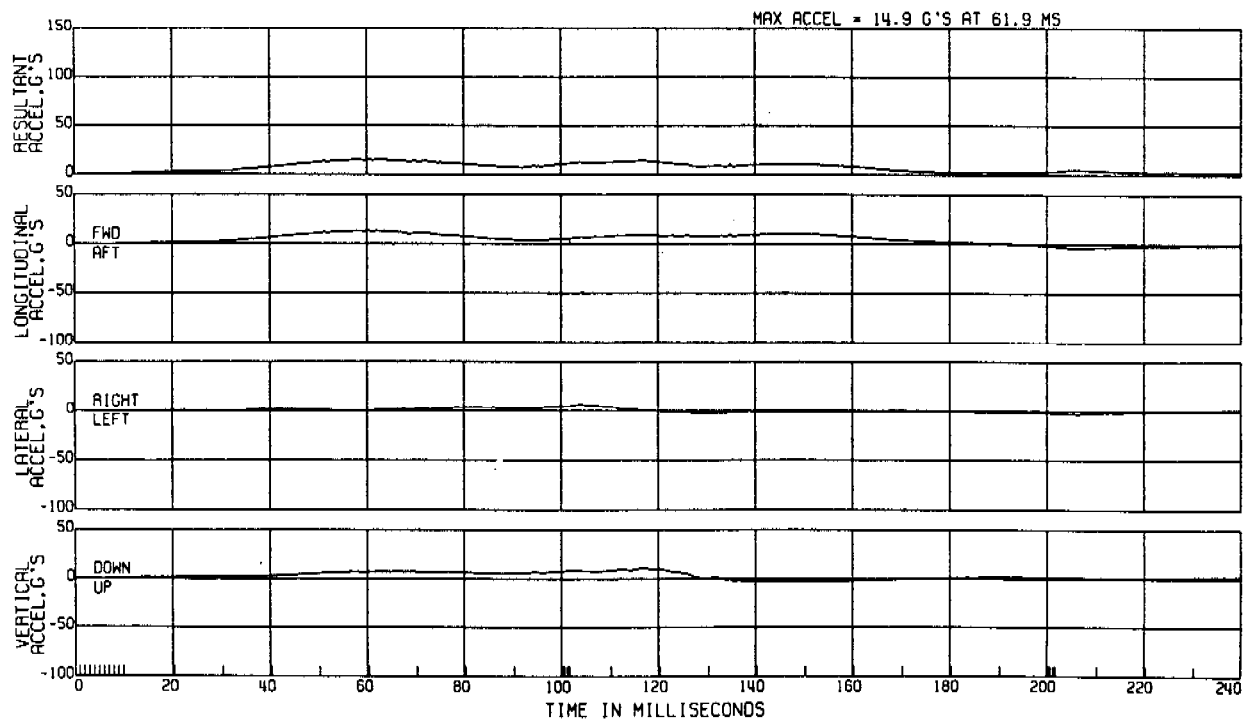
3 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-000R
ELEC DATA, SAE CLASS 1000

L. FRT PELVIC ACCEL.

ATD TYPE: GM50H
TEST DATE: 12/18/1997



4 PROCESSED 12/18/1997 14:17 V2.07

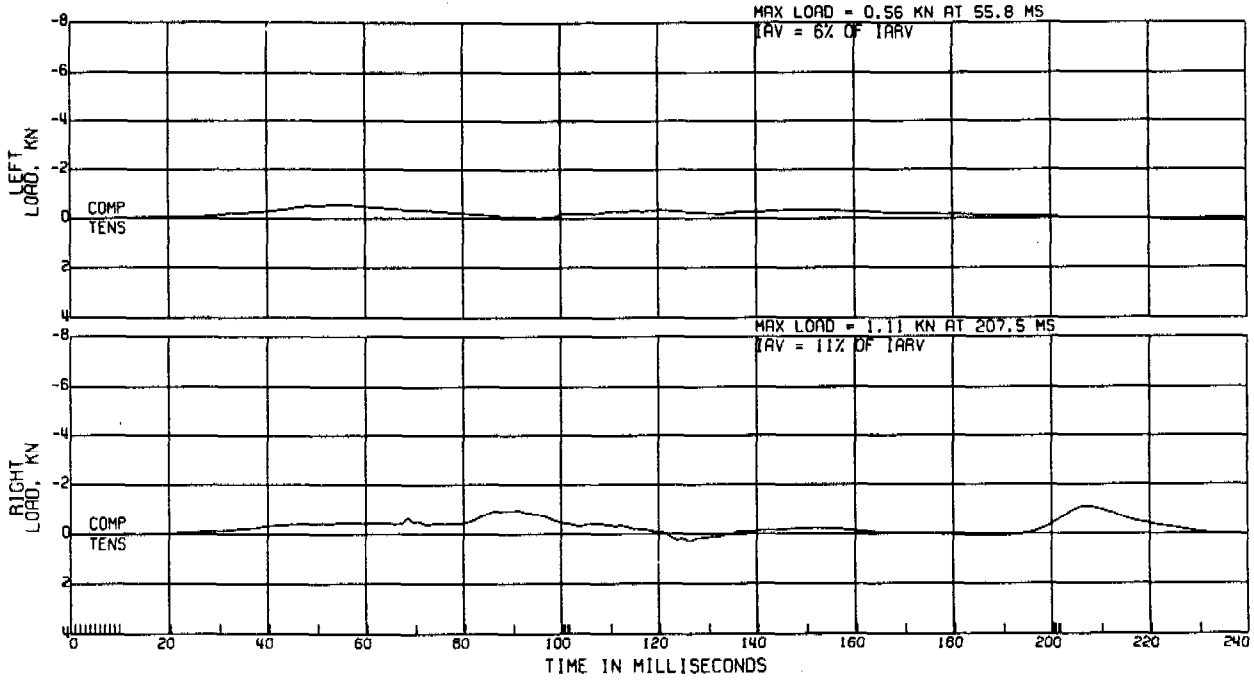
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 600

L. FRT FEMUR LOAD

ATD TYPE: GM50H
TEST DATE: 12/18/1997



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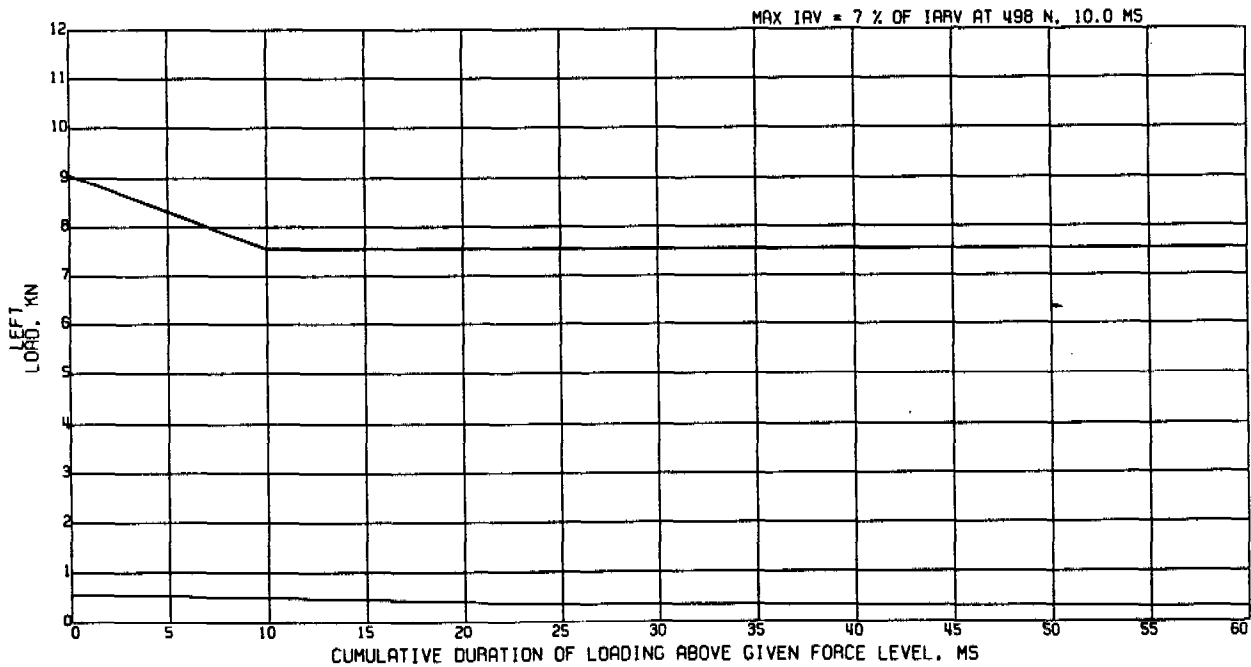
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 600

L. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GM50H
TEST DATE: 12/18/1997



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C11817 L.REAR IMP 70% OVERLAP

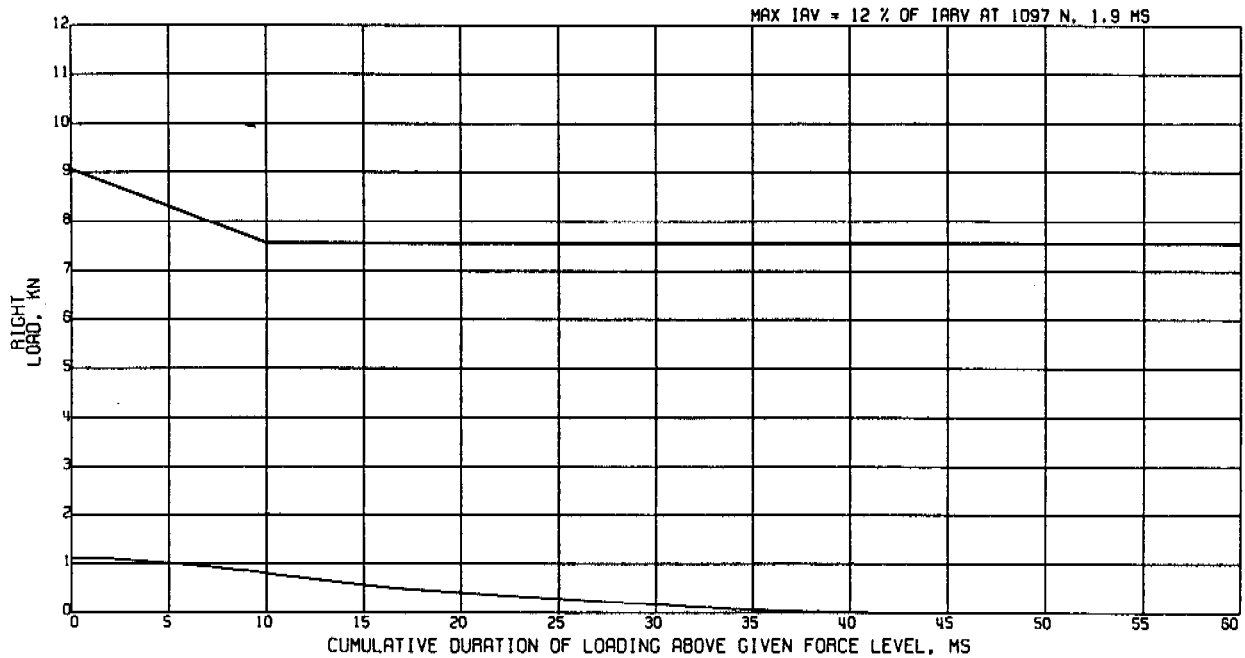
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA. SAE CLASS 600

L. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GM50H
TEST DATE:12/18/1997



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C11817 L.REAR IMP 70% OVERLAP

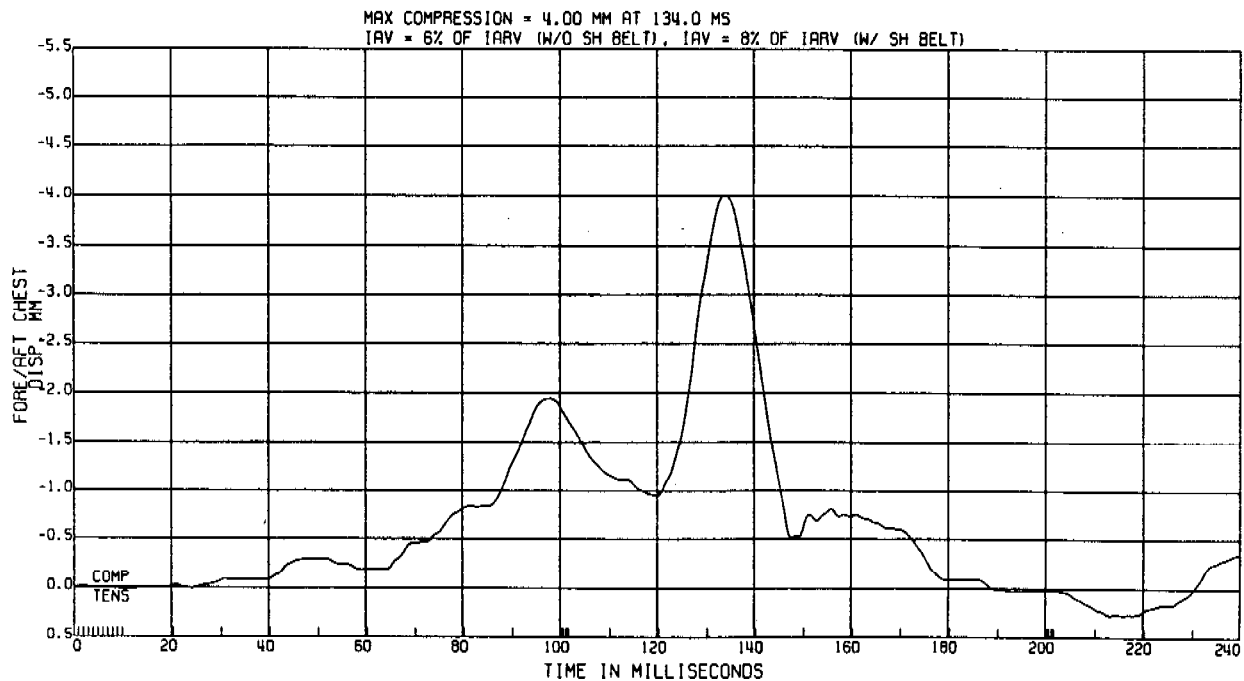
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 180

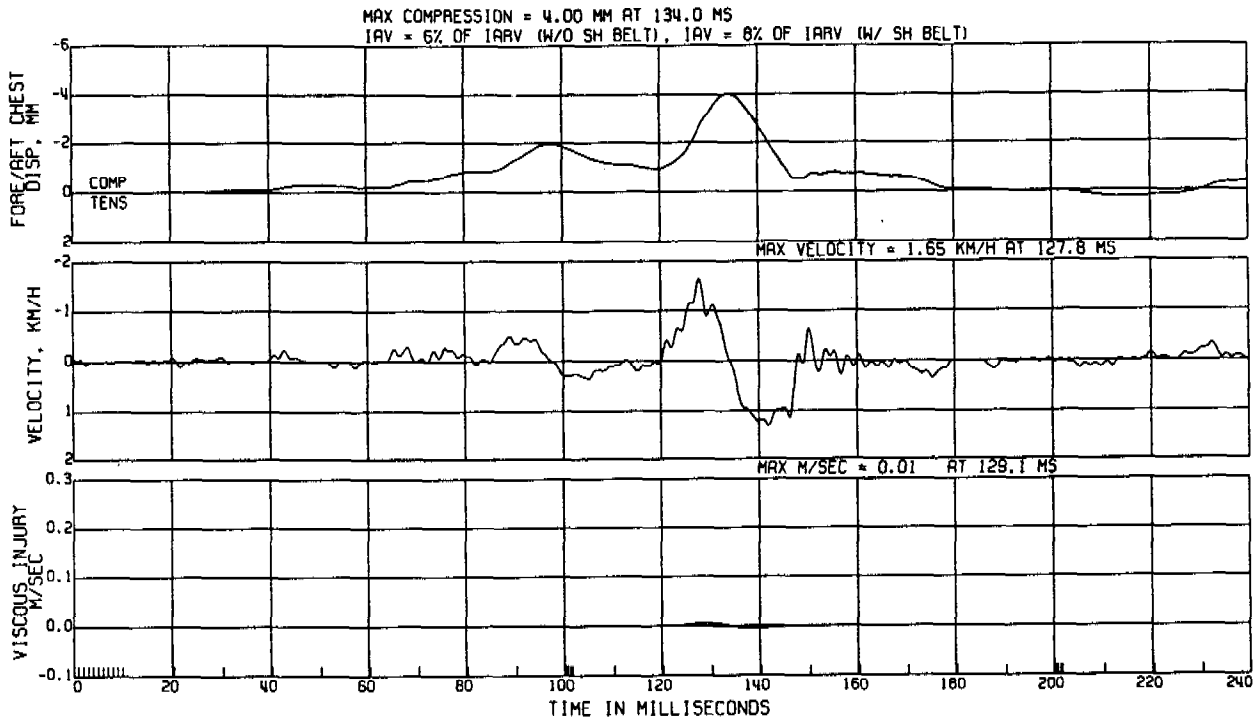
L. FRT CHEST DISP, TEMP AT 68.2°F
NORMALIZED TO 70.7°F & PART 572 CORRIDOR

ATD TYPE: GM50H
TEST DATE:12/18/1997



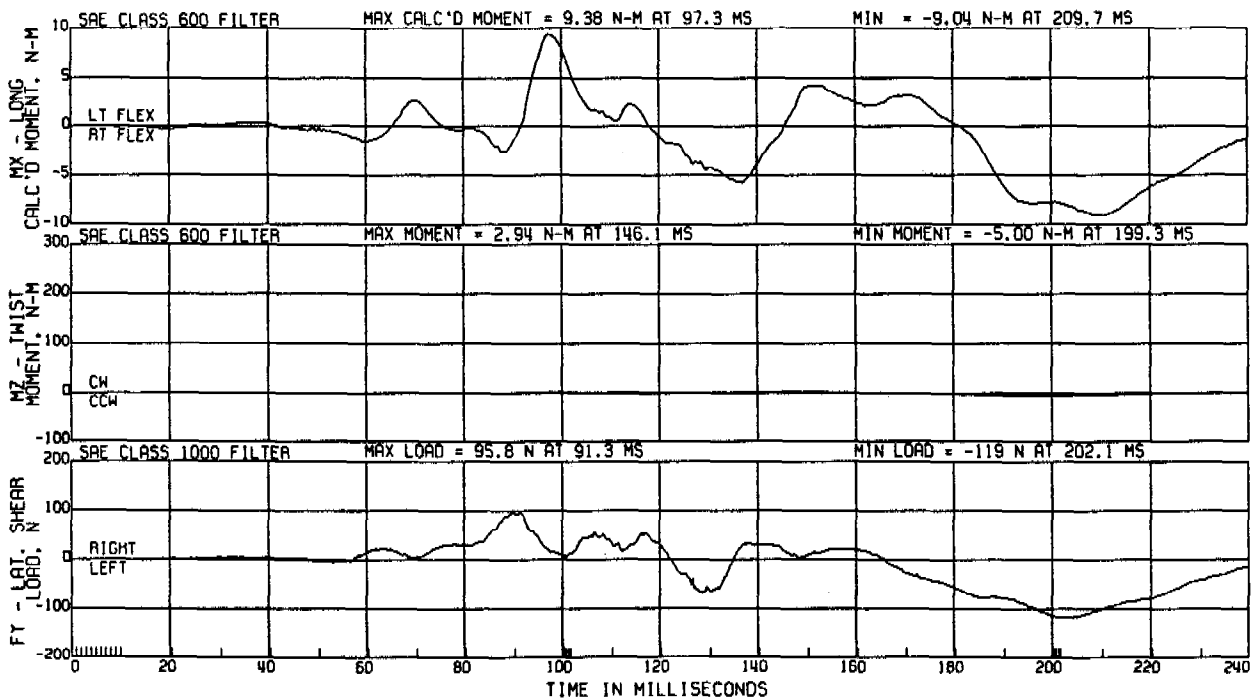
8 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT CHEST COMPRESSIVE DISP. ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 180 NORMALIZED, W/CALC VEL & VISCOUS INJURY TEST DATE:12/18/1997



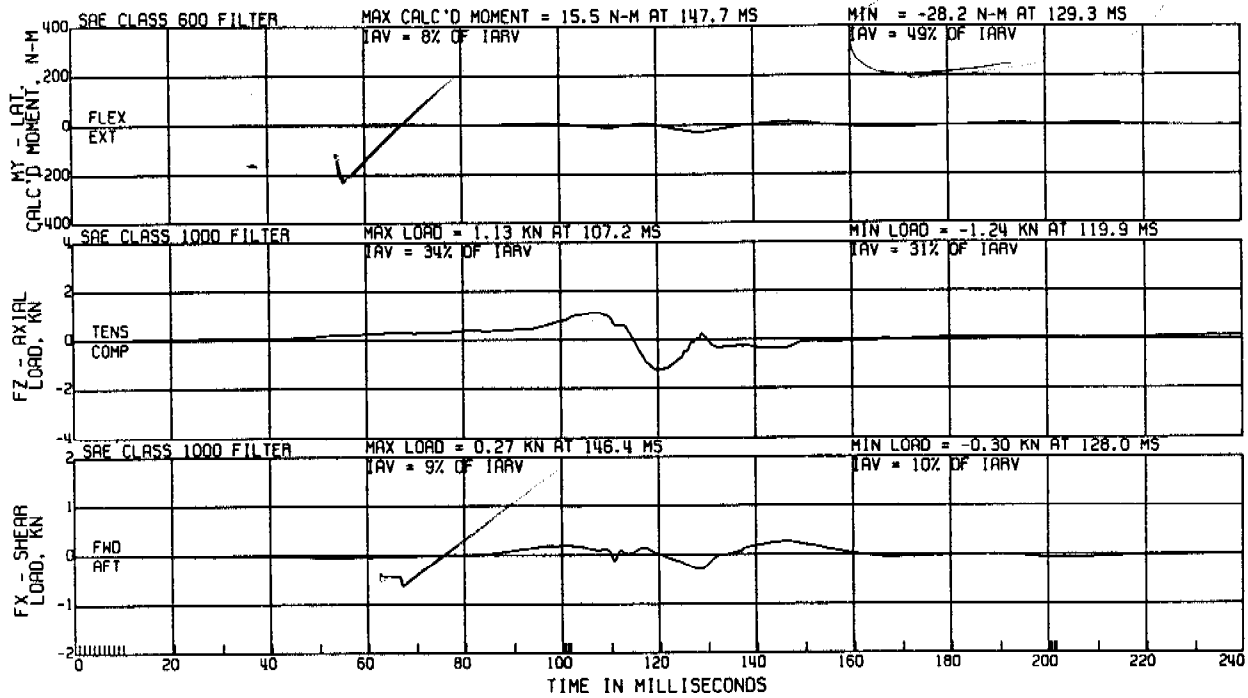
9 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT NECK LOADING ON HEAD, UPPER LOAD ATD TYPE: GM50H
 ELEC DATA L. FRT NECK LOADING ON HEAD TEST DATE:12/18/1997



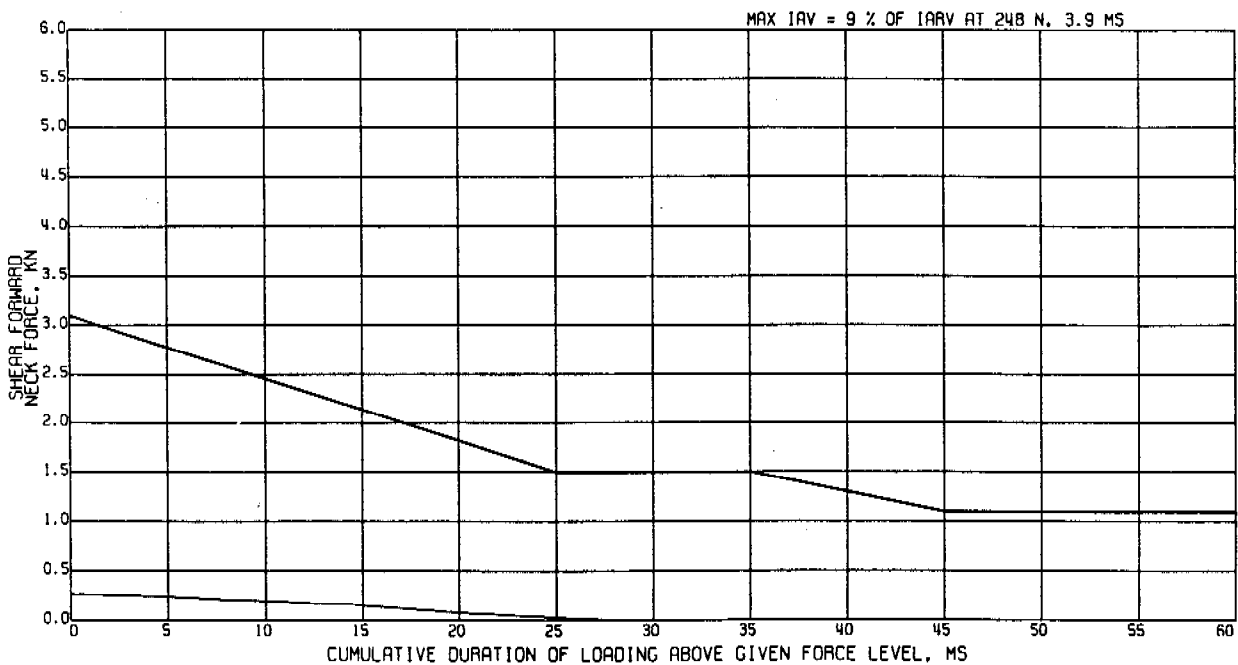
10 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR NECK LOADING ON HEAD ATD TYPE: GM50H
 ELEC DATA L. FRT NECK LOADING ON HEAD TEST DATE:12/18/1997



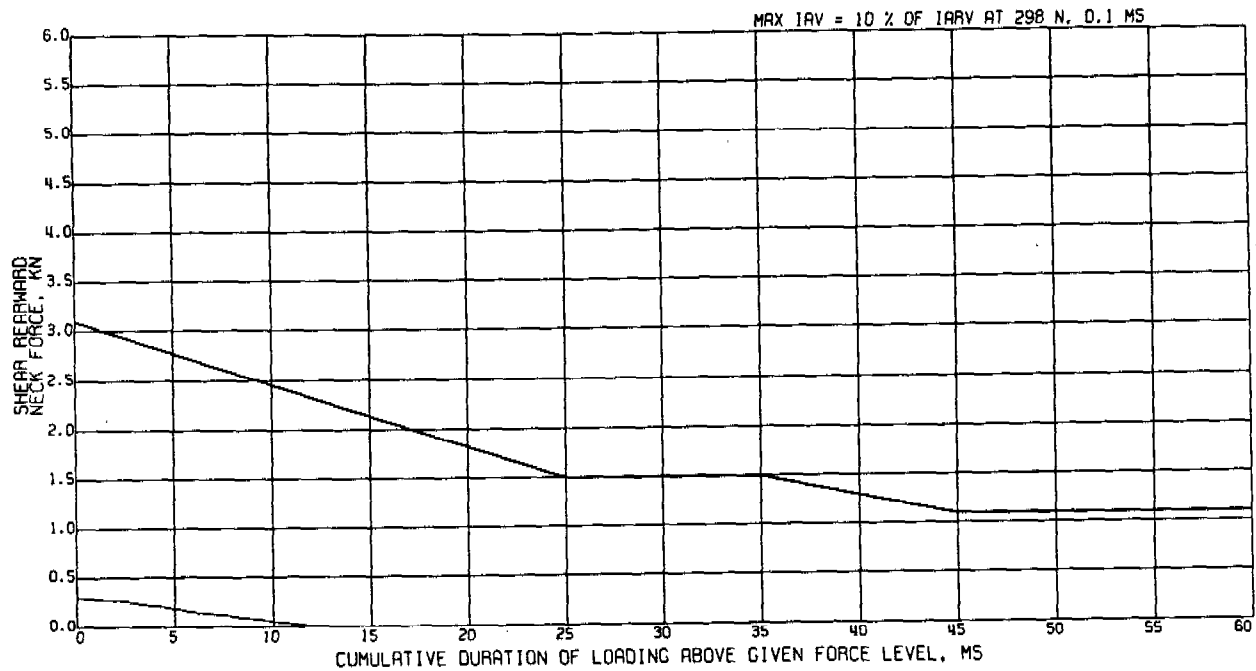
11 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR FORWARD NECK SHEAR ON HEAD, ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 L. FRT INJURY REFERENCE TEST DATE:12/18/1997



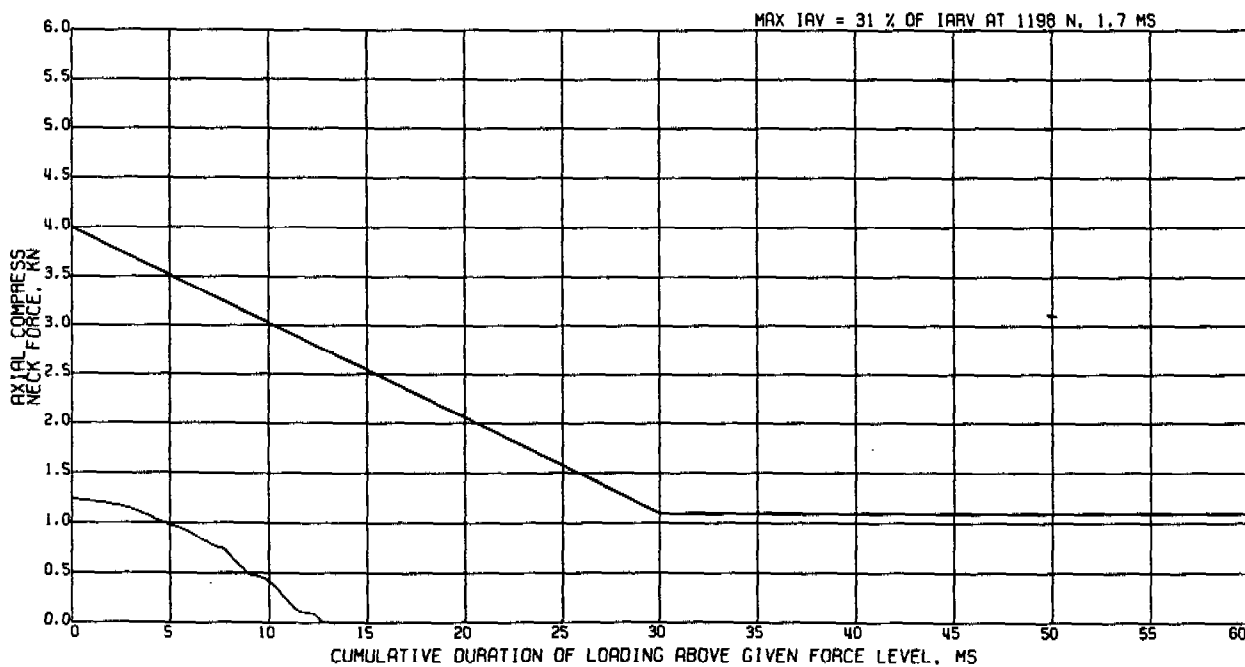
12 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR REARWARD NECK SHEAR ON HEAD, ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 L. FRT INJURY REFERENCE TEST DATE:12/18/1997



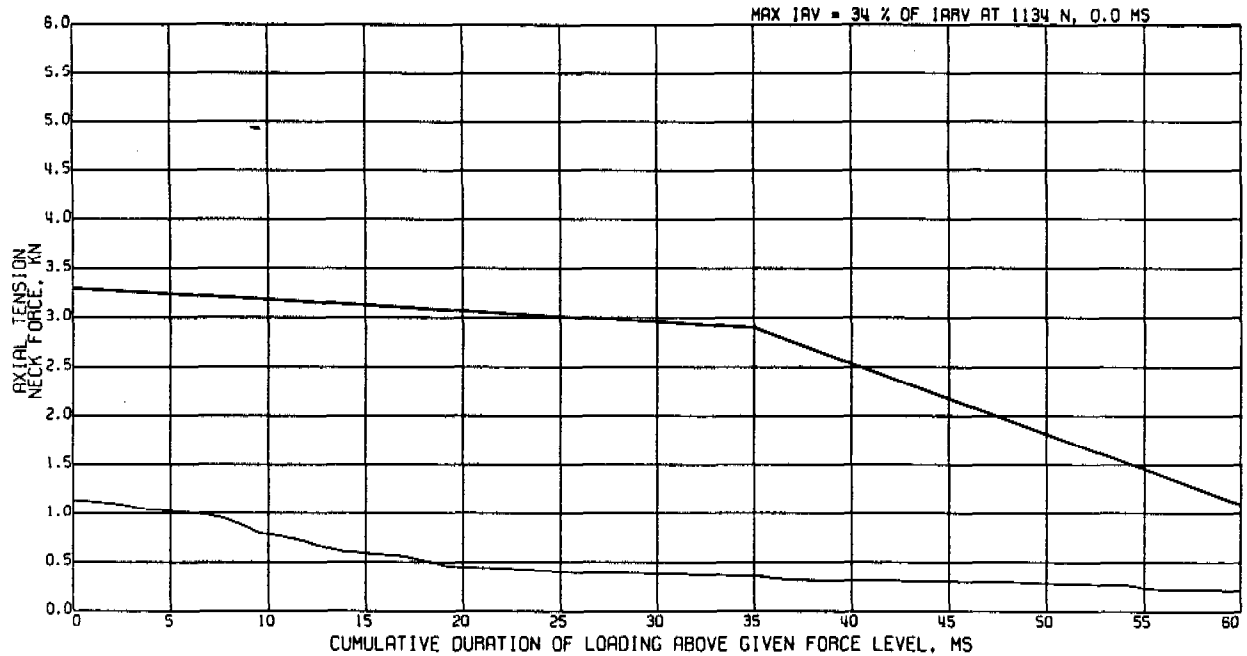
13 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR AXIAL COMPRESSION ON HEAD, ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 L. FRT INJURY REFERENCE TEST DATE:12/18/1997



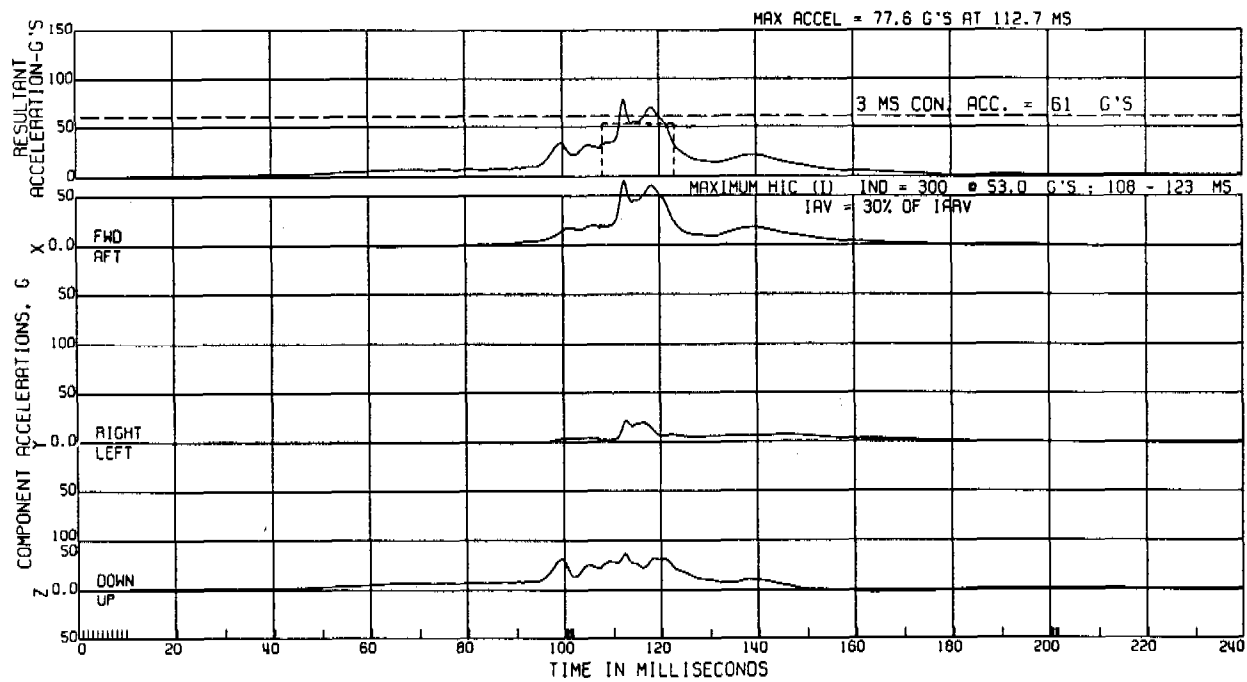
14 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-000R AXIAL TENSION ON HEAD, ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 L. FRT INJURY REFERENCE TEST DATE:12/18/1997



15 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-000R R. FRT HEAD ACCEL. ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 (HIC I LIMITED TO 15MS) TEST DATE:12/18/1997



16 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

LTV MOB TO STATIONARY VEHICLE

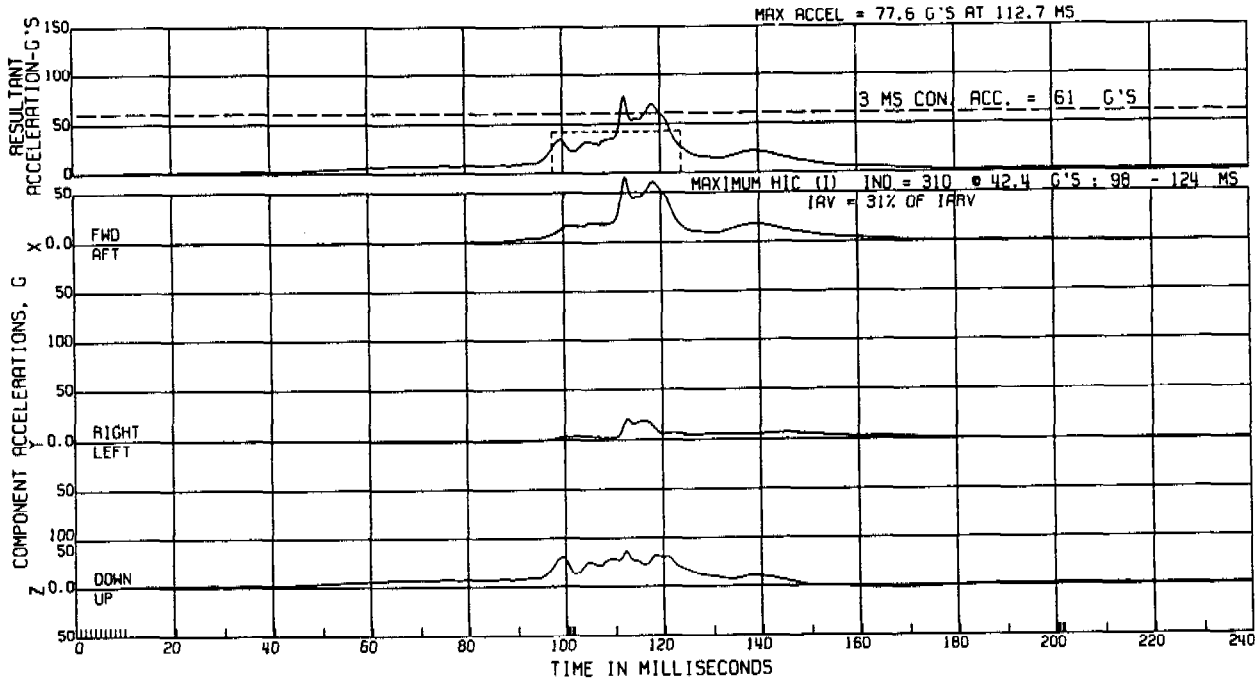
80.7KM/H

ATD TYPE: GM50H

SC 8W91850 4-DOOR
ELEC DATA, SAE CLASS 1000

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

TEST DATE: 12/18/1997



17 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

LTV MOB TO STATIONARY VEHICLE

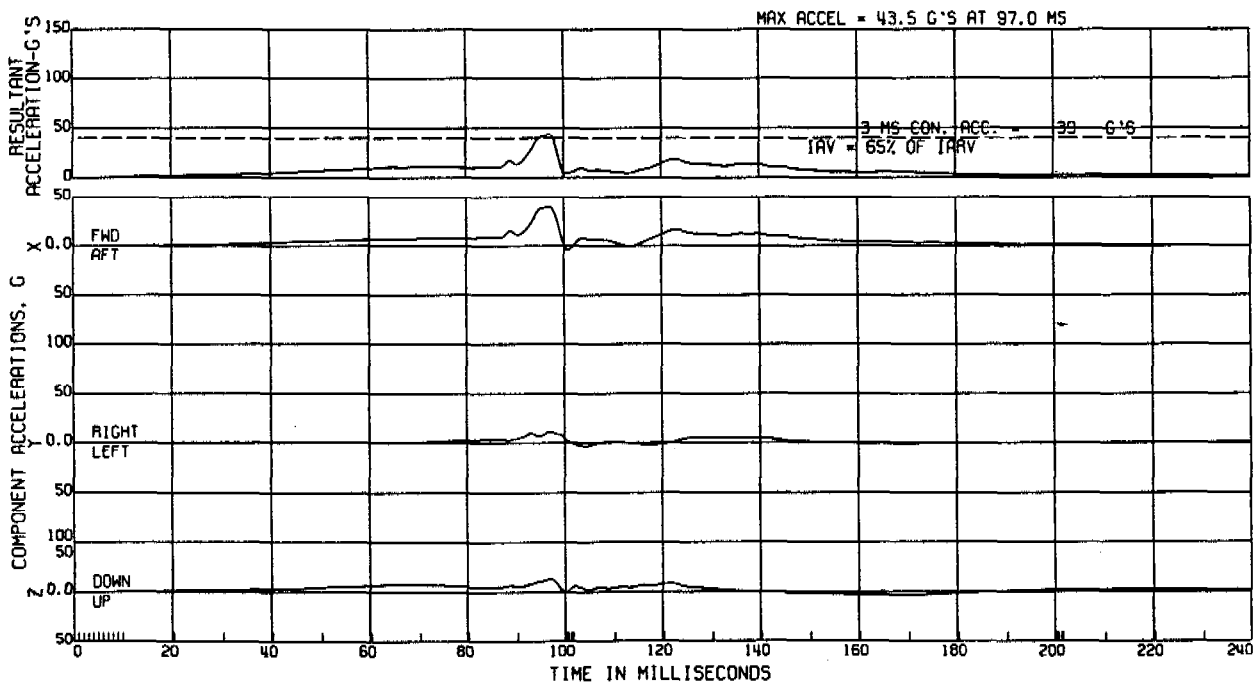
80.7KM/H

ATD TYPE: GM50H

SC 8W91850 4-DOOR
ELEC DATA, SAE CLASS 180

R. FRT CHEST ACCEL.

TEST DATE: 12/18/1997



18 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

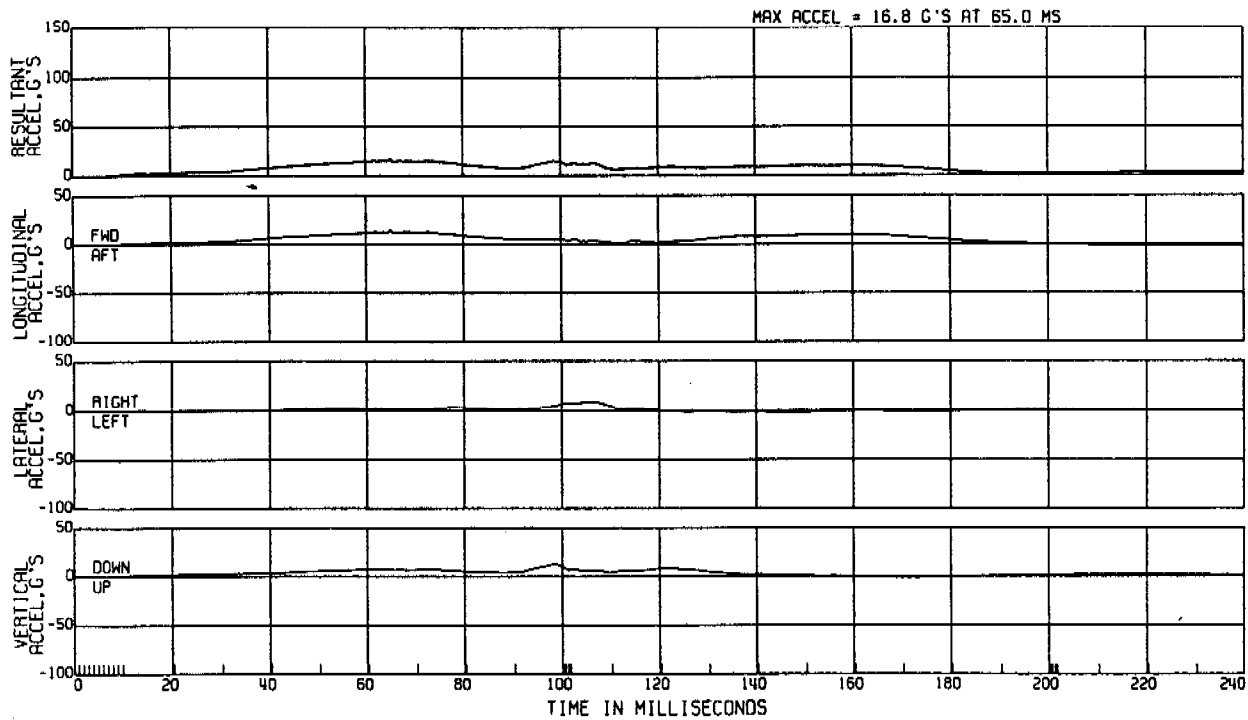
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

R. FRT PELVIC ACCEL.

ATO TYPE: GM50H
TEST DATE: 12/18/1997



19 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

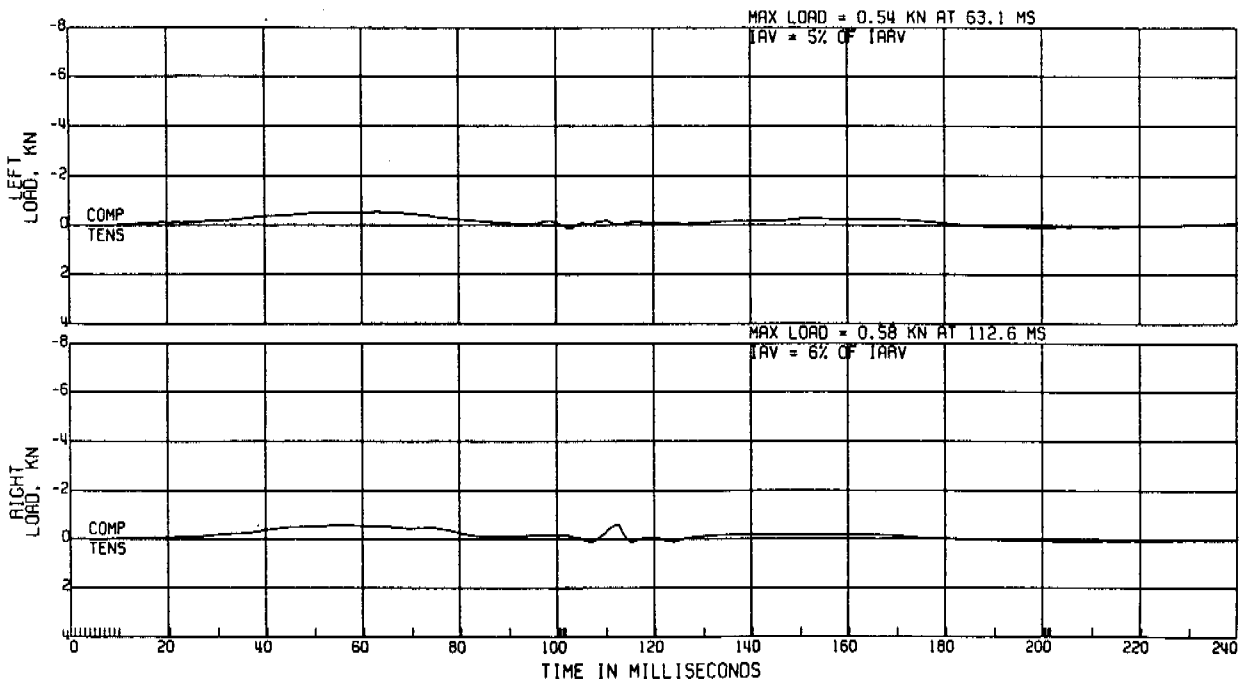
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 600

R. FRT FEMUR LOAD

ATO TYPE: GM50H
TEST DATE: 12/18/1997



20 PROCESSED 12/18/1997 14:17 V2.07

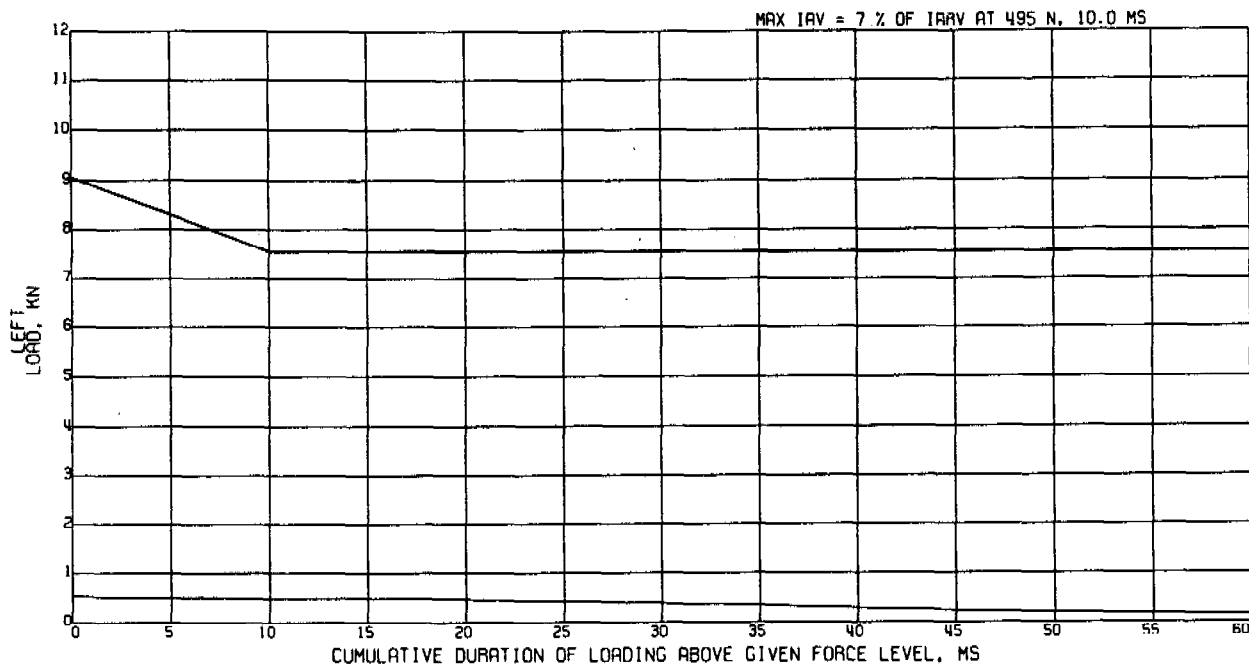
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 600

R. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GM50H
TEST DATE:12/18/1997



21 PROCESSED 12/18/1997 14:17 V2.07

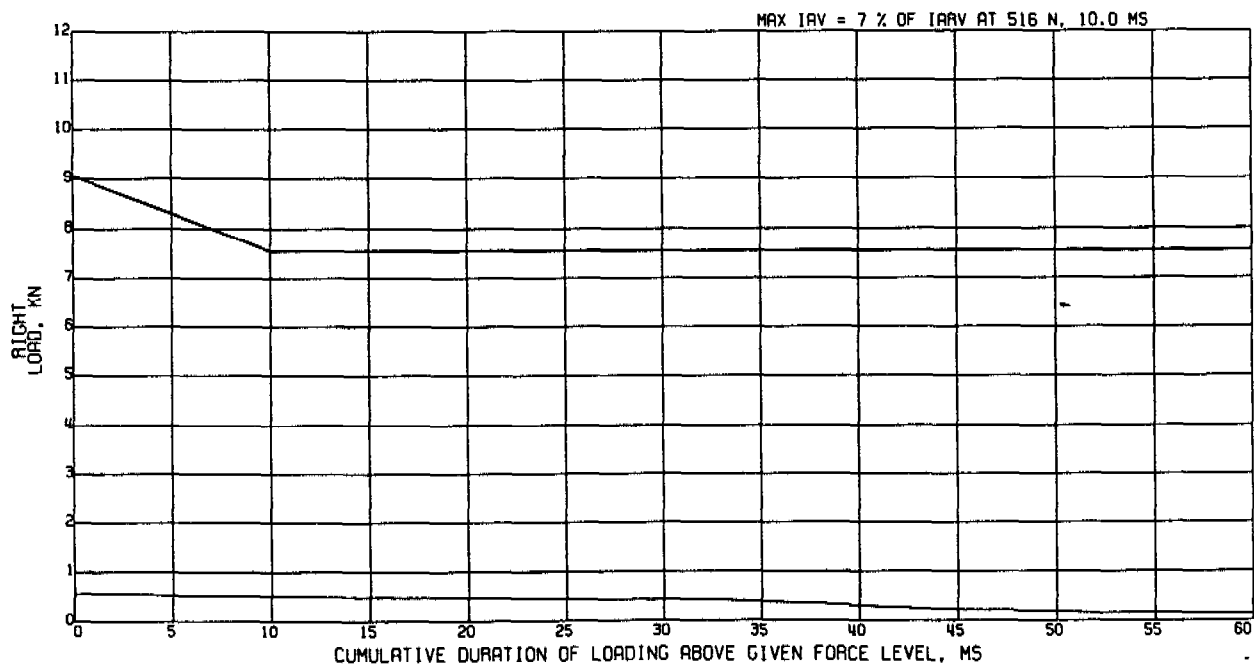
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 600

R. FRT FEMUR LOAD
DURATION ASSESSMENT

ATD TYPE: GM50H
TEST DATE:12/18/1997



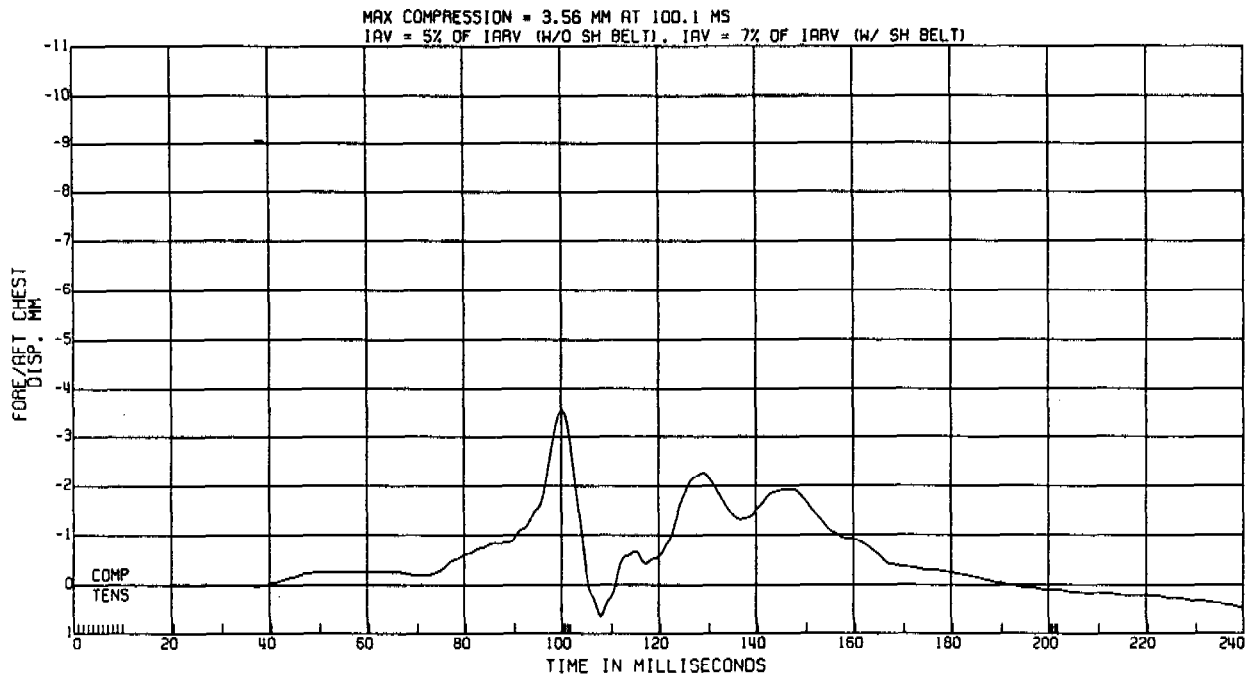
22 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W91850 4-000R
ELEC DATA, SAE CLASS 180

R. FRT CHEST DISP, TEMP AT 67.9°F
NORMALIZED TO 70.7°F & PART 572 CORRIDOR

ATD TYPE: GM50H
TEST DATE: 12/18/1997



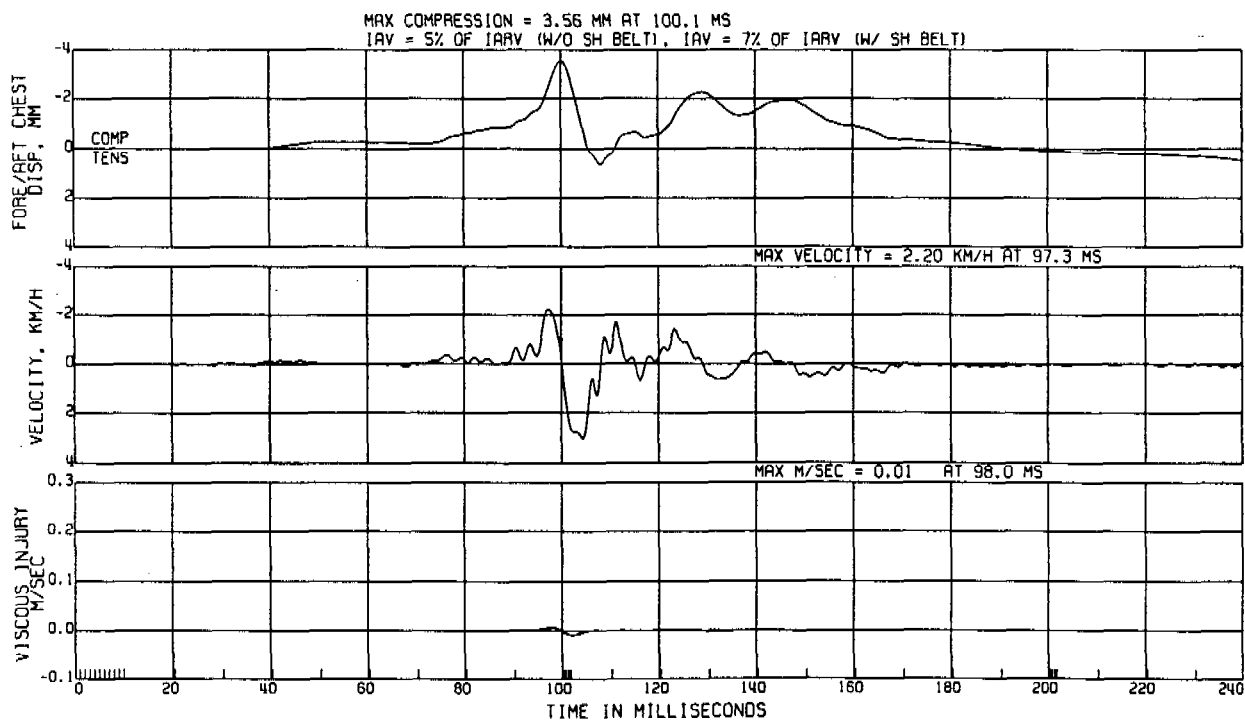
23 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W91850 4-000R
ELEC DATA, SAE CLASS 180

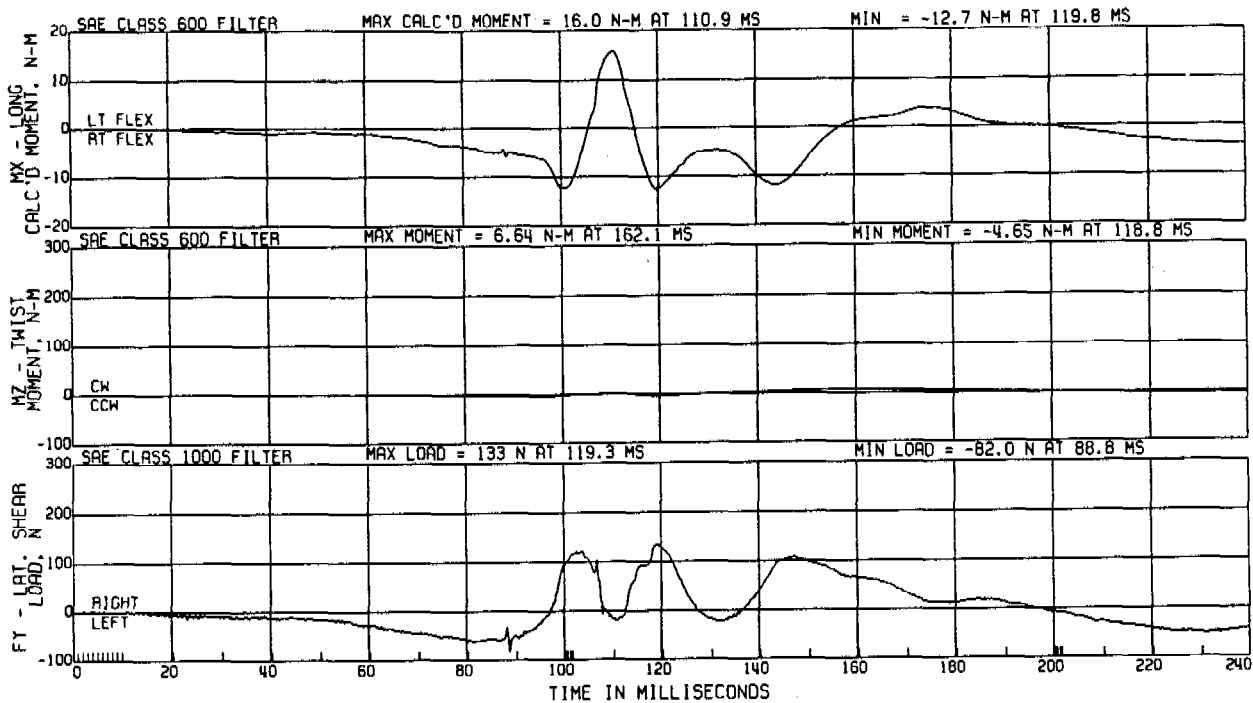
R. FRT CHEST COMPRESSIVE DISP.
NORMALIZED, W/CALC VEL & VISCOUS INJURY

ATD TYPE: GM50H
TEST DATE: 12/18/1997



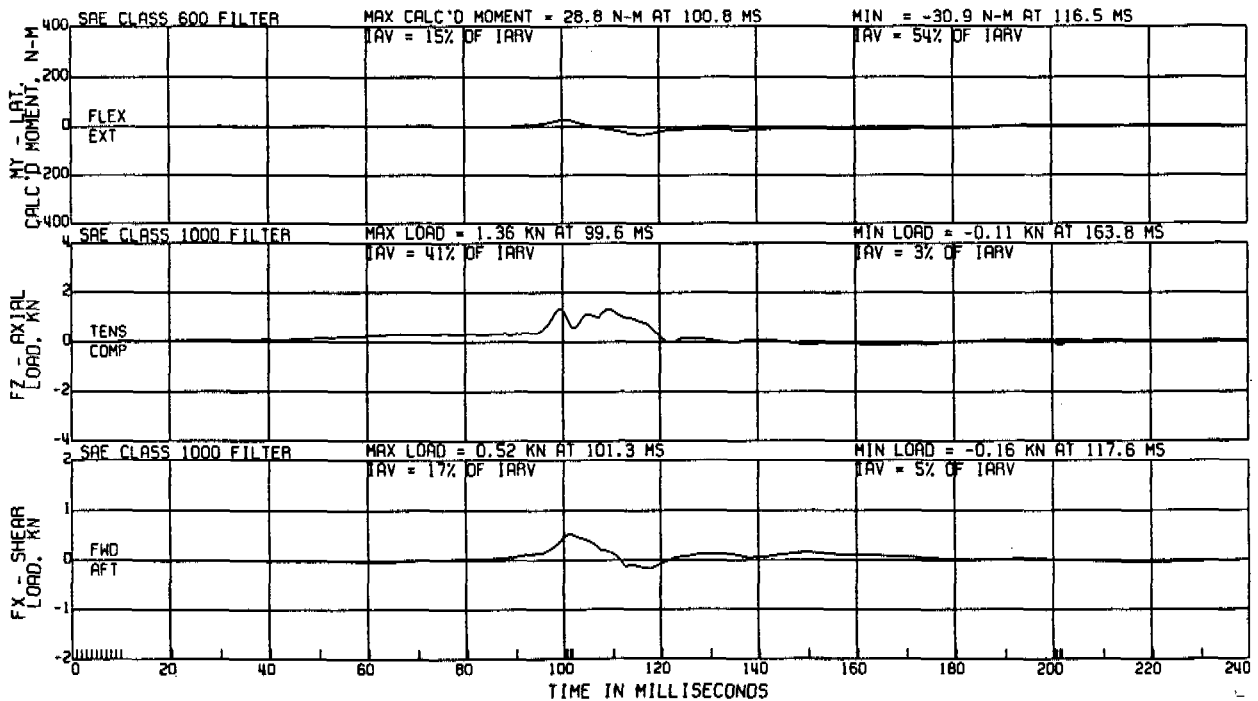
24 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR R. FRT NECK LOADING ON HEAD, UPPER LOAD ATD TYPE: GM50H
 ELEC DATA R. FRT NECK LOADING ON HEAD TEST DATE: 12/18/1997



25 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR NECK LOADING ON HEAD ATD TYPE: GM50H
 ELEC DATA R. FRT NECK LOADING ON HEAD TEST DATE: 12/18/1997



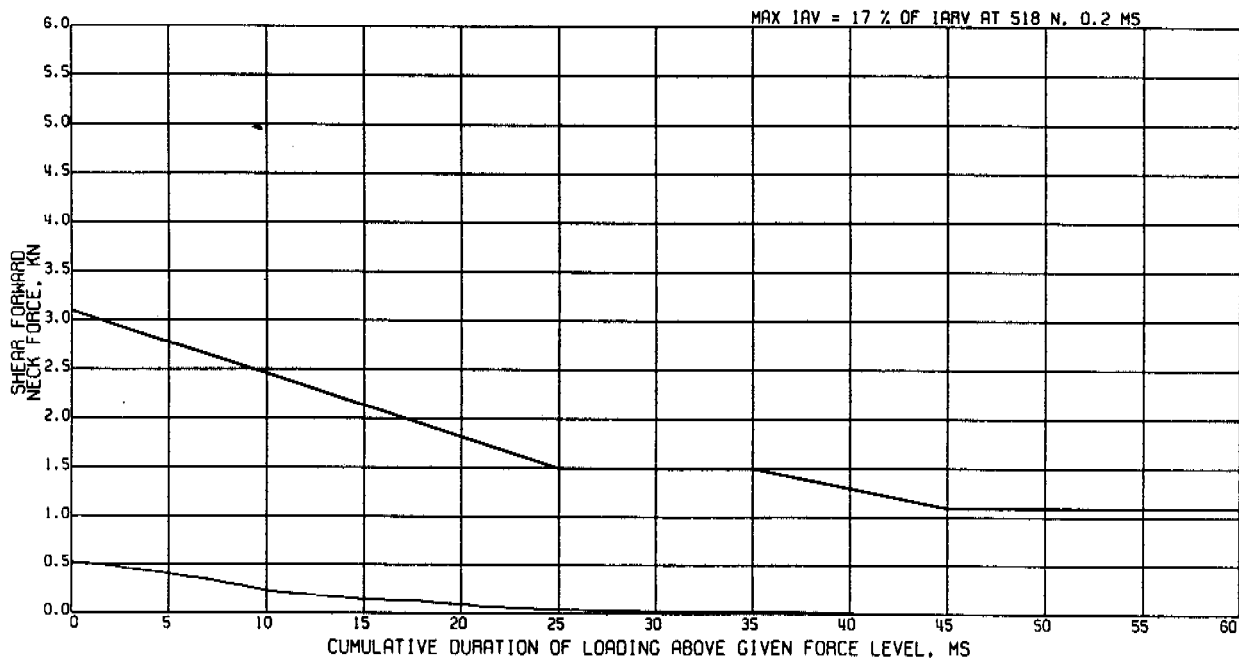
26 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

FORWARD NECK SHEAR ON HEAD,
R. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE:12/18/1997



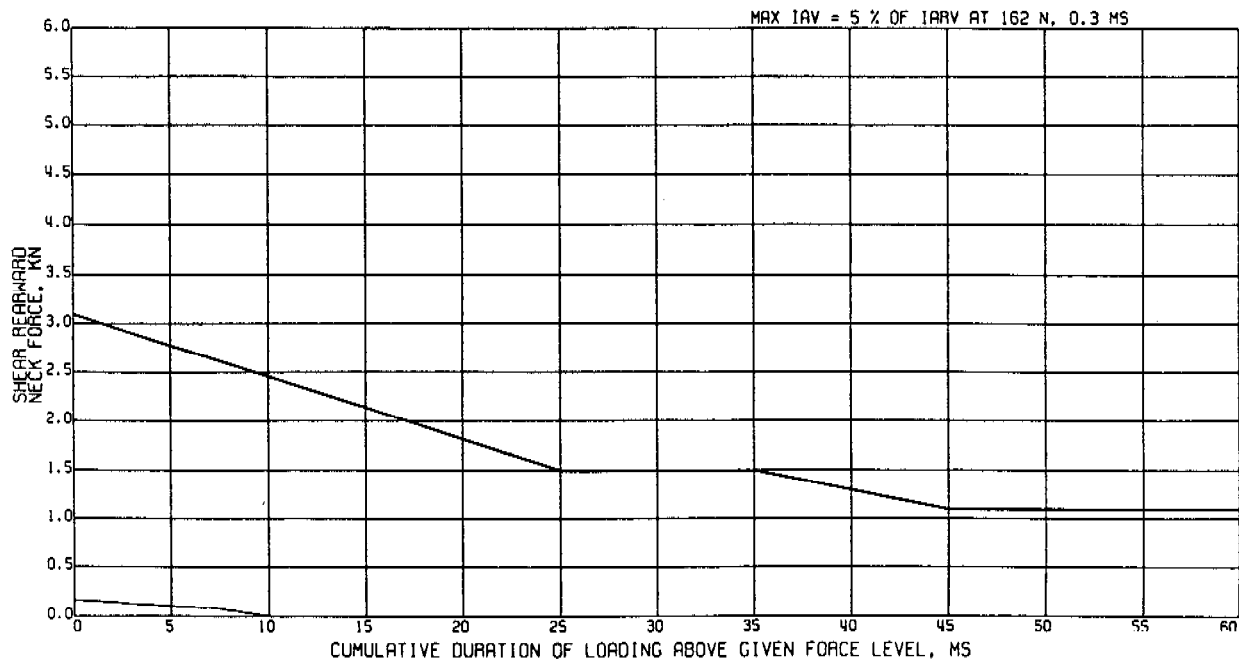
27 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

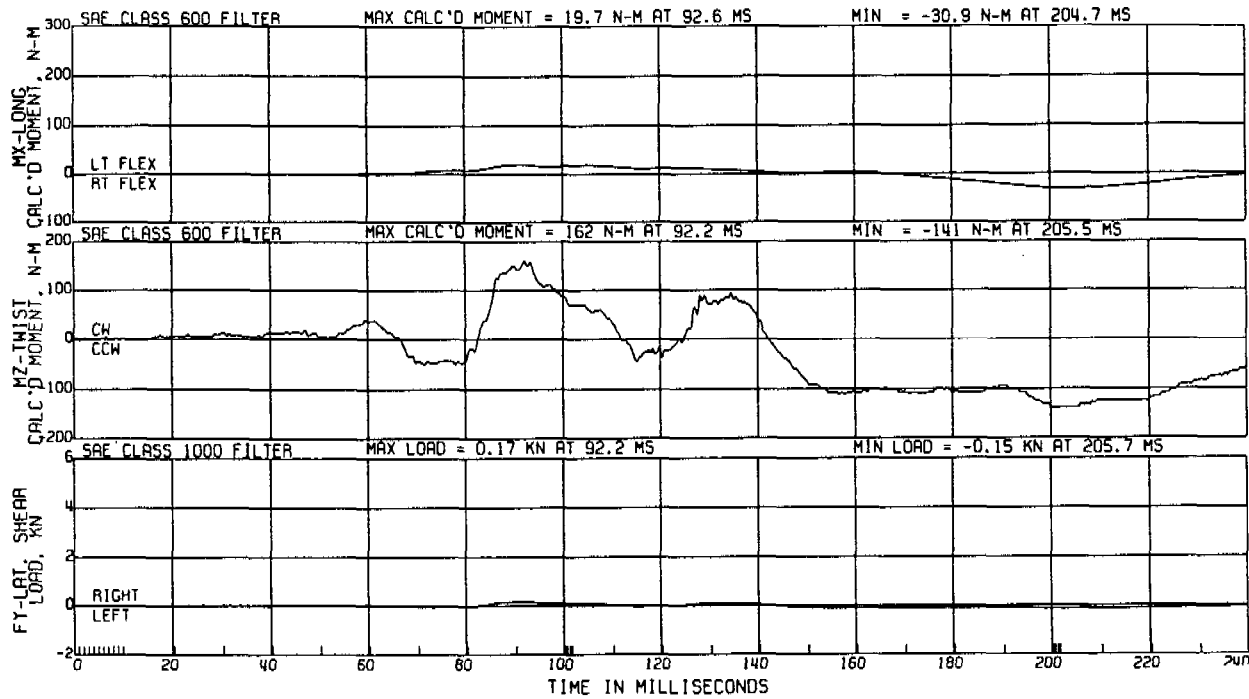
REARWARD NECK SHEAR ON HEAD,
R. FRT INJURY REFERENCE

ATD TYPE: GM50H
TEST DATE:12/18/1997



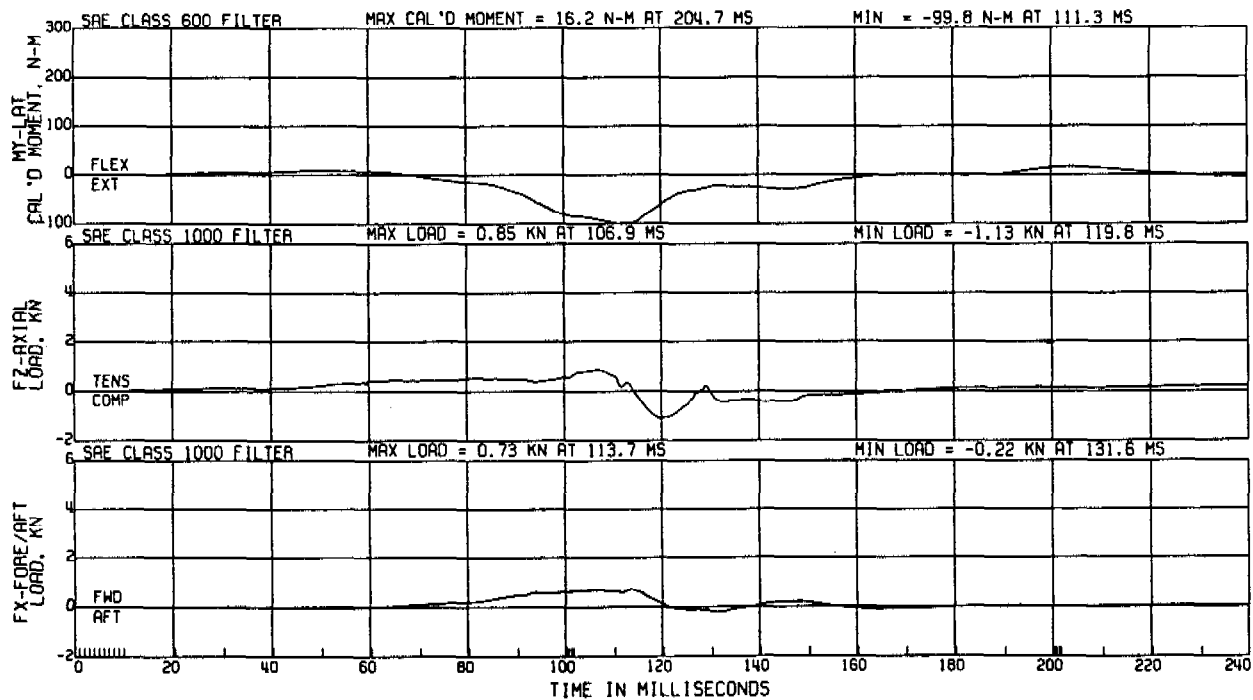
28 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT NECK LOADING LOAD ATD TYPE: GMS0H
 ELEC DATA (TORSO ON BASE OF NECK) TEST DATE:12/18/1997



PROCESSED 12/19/1997 07:23 V2.07
 31

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT NECK LOADING LOAD ATD TYPE: GMS0H
 ELEC DATA (TORSO ON BASE OF NECK) TEST DATE:12/18/1997



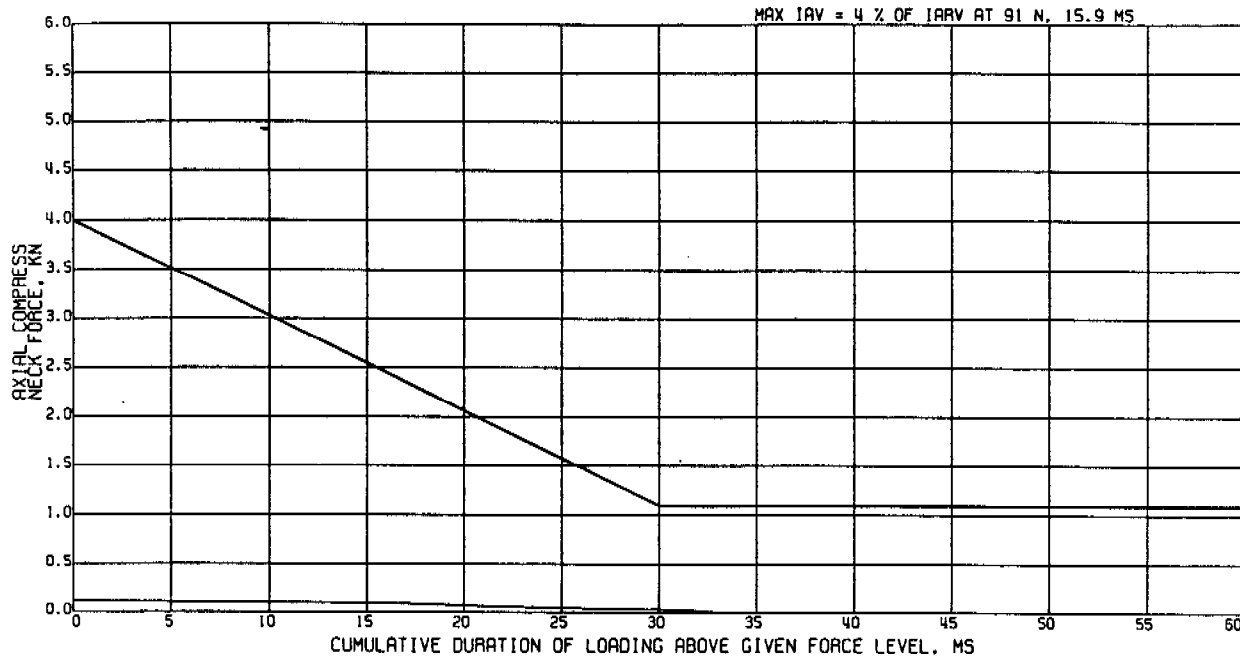
PROCESSED 12/19/1997 07:23 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W91850 4-DOOR
ELEC DATA, SAE CLASS 1000

AXIAL COMPRESSION ON HEAD,
R. FRT INJURY REFERENCE

ATO TYPE: GM50H
TEST DATE:12/18/1997



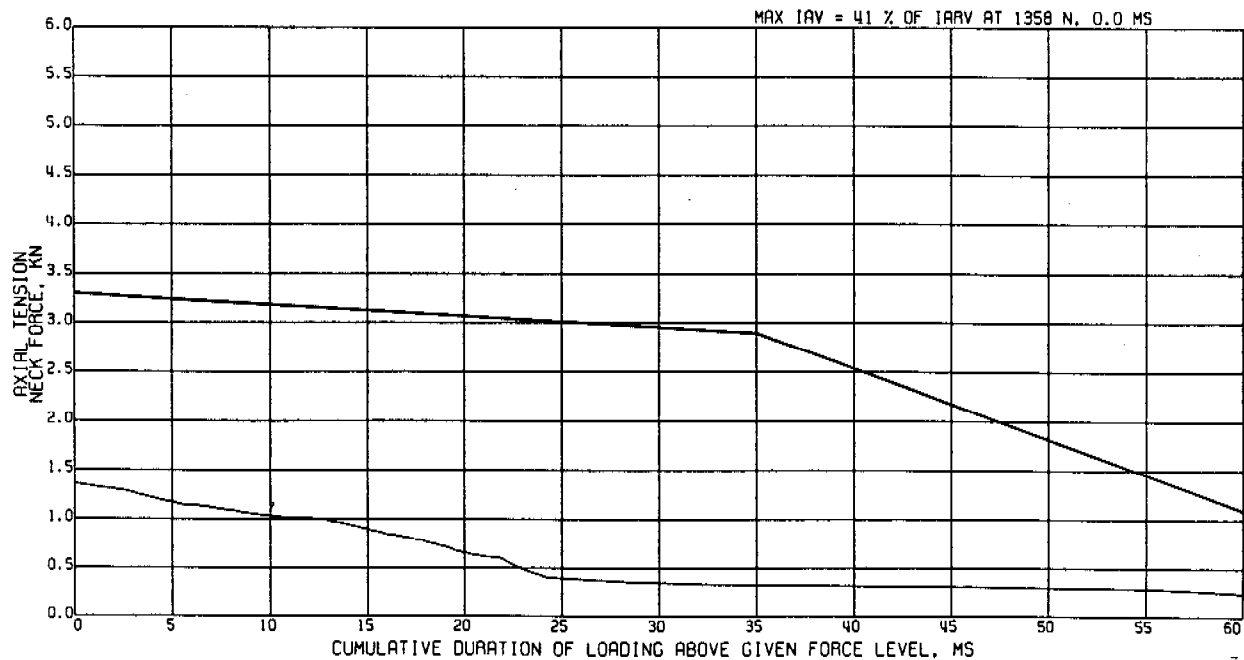
29 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W91850 4-DOOR
ELEC DATA, SAE CLASS 1000

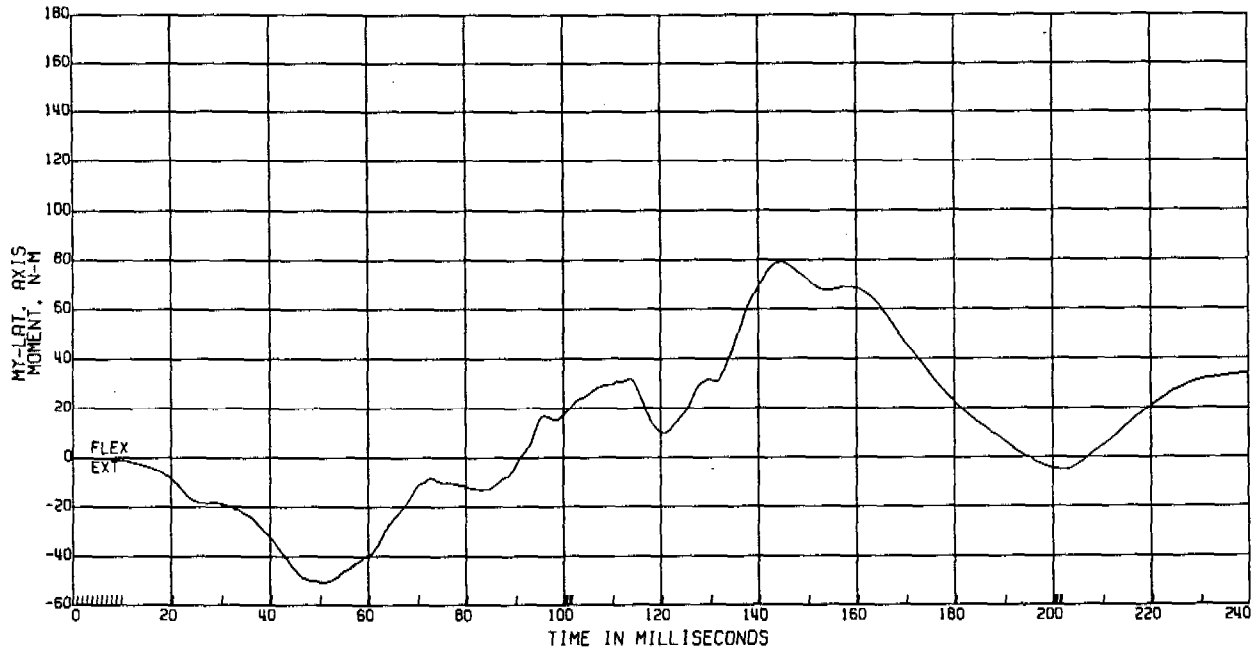
AXIAL TENSION ON HEAD,
R. FRT INJURY REFERENCE

ATO TYPE: GM50H
TEST DATE:12/18/1997



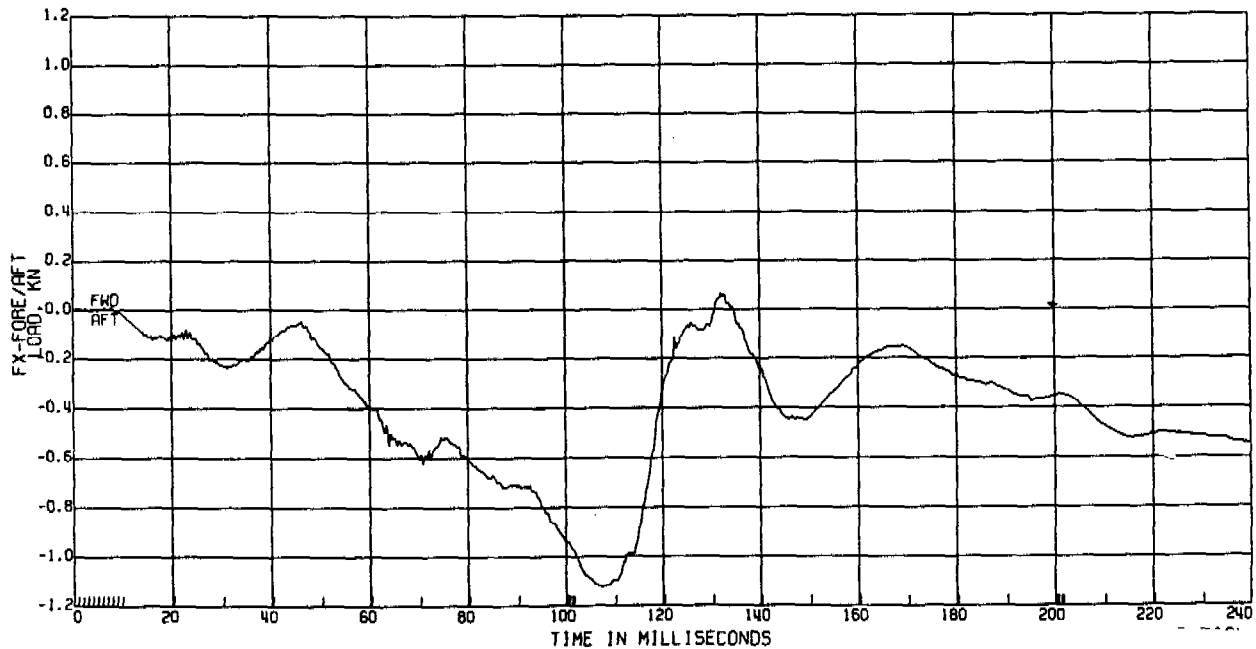
30 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT LOWER LUMBAR MOMENT ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 TEST DATE:12/18/1997



33 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT LOWER LUMBAR LOAD ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 TEST DATE:12/18/1997



34 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

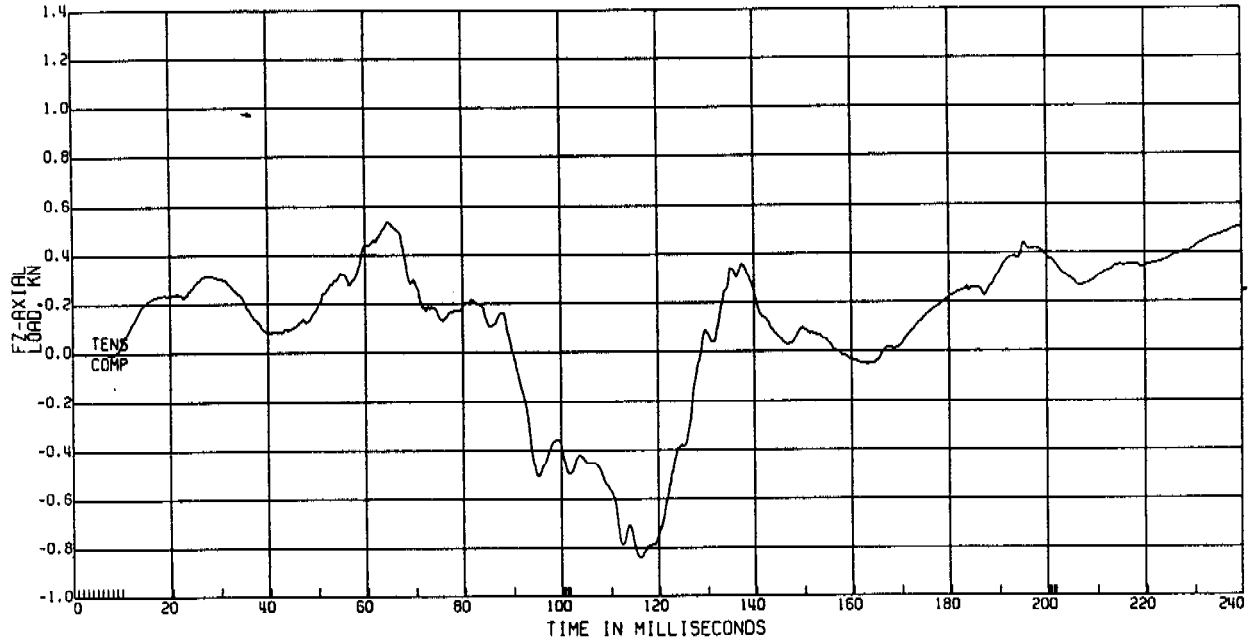
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

L. FRT LOWER LUMBAR LOAD

ATD TYPE: GM50H
TEST DATE:12/18/1997



35 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

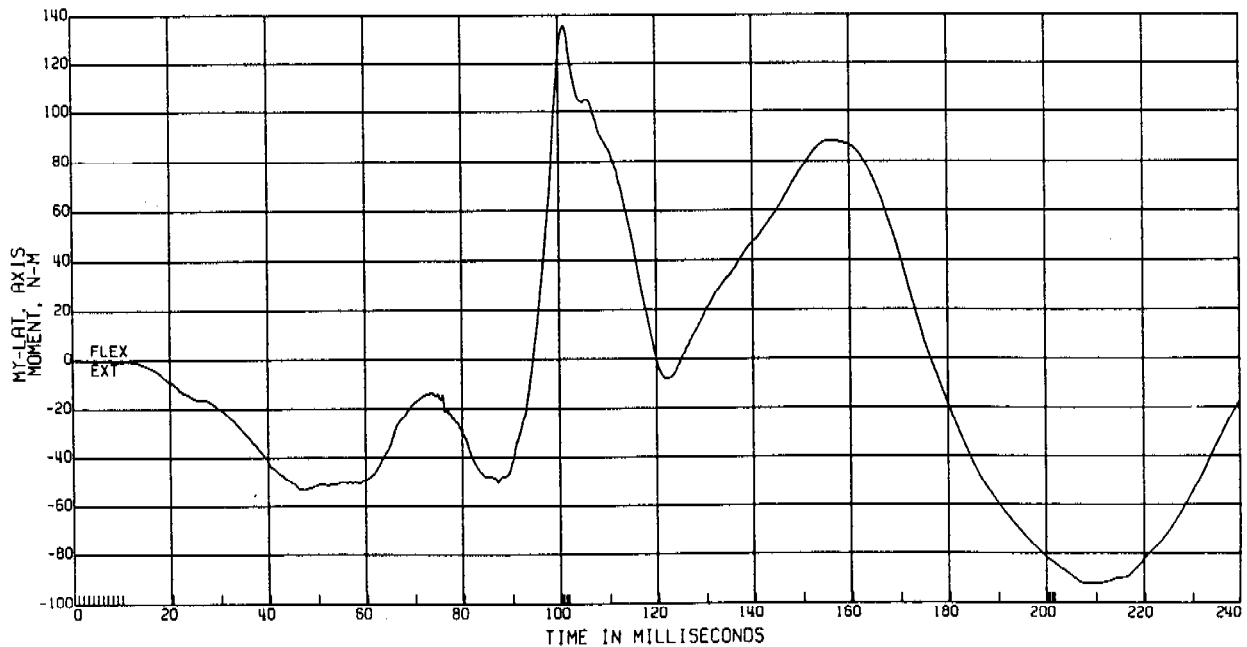
LTV MOB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA, SAE CLASS 1000

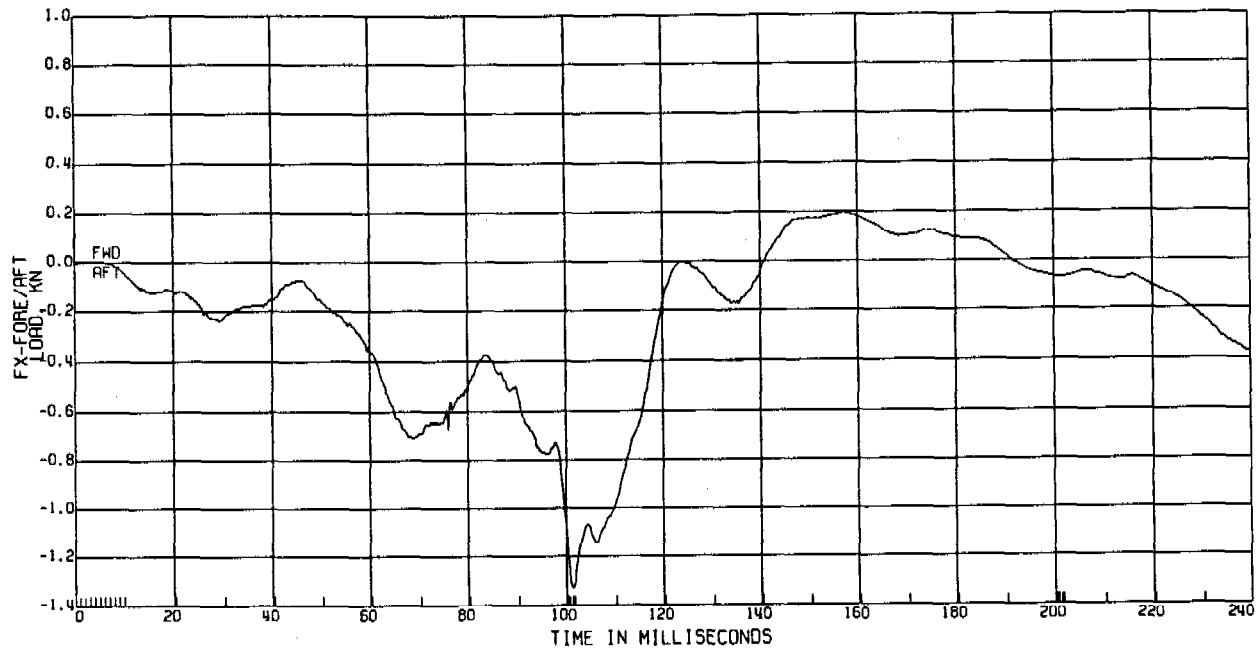
R. FRT LOWER LUMBAR MOMENT

ATD TYPE: GM50H
TEST DATE:12/18/1997



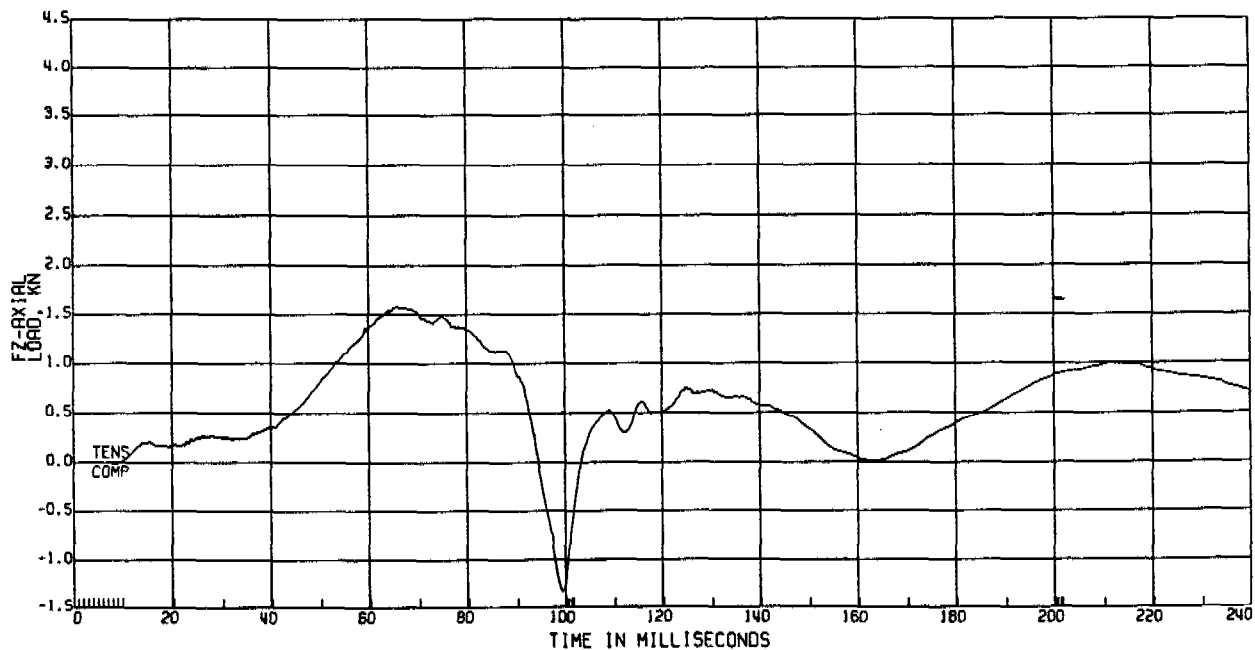
36 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR R. FRT LOWER LUMBAR LOAD ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 TEST DATE:12/18/1997



37 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR R. FRT LOWER LUMBAR LOAD ATD TYPE: GM50H
 ELEC DATA, SAE CLASS 1000 TEST DATE:12/18/1997



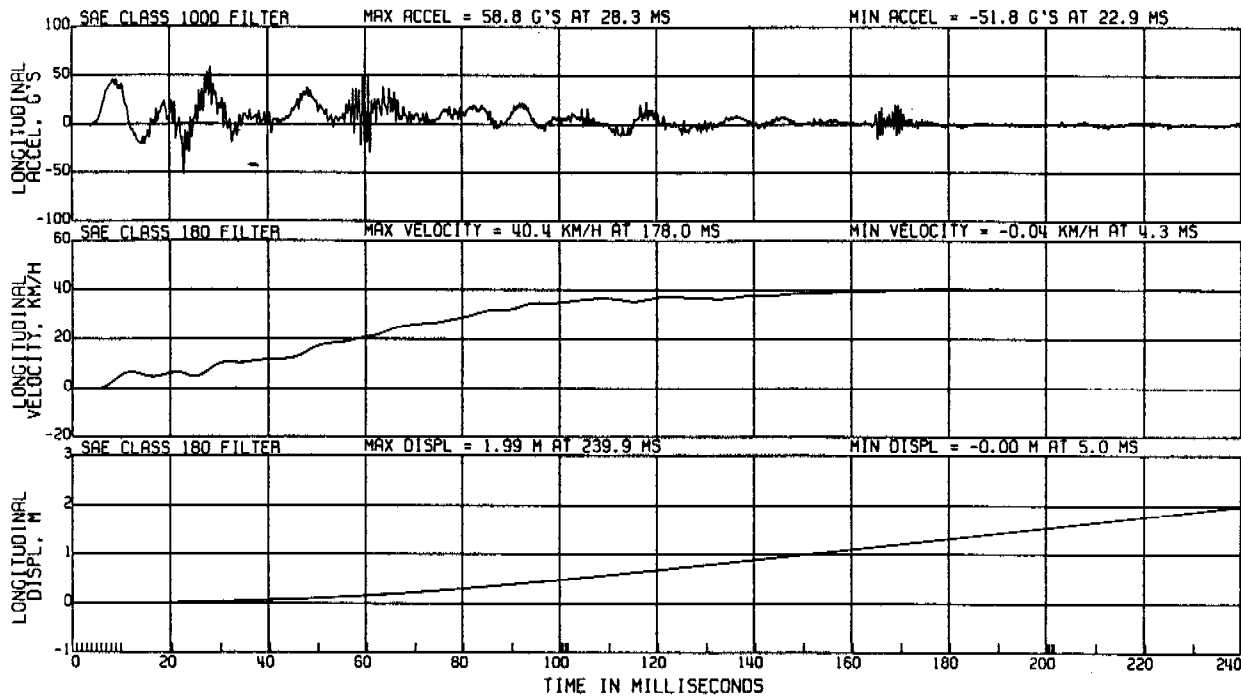
38 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W91850 4-DOOR
ELEC DATA

CTR FRT RAD TIE BAR

TEST DATE:12/18/1997



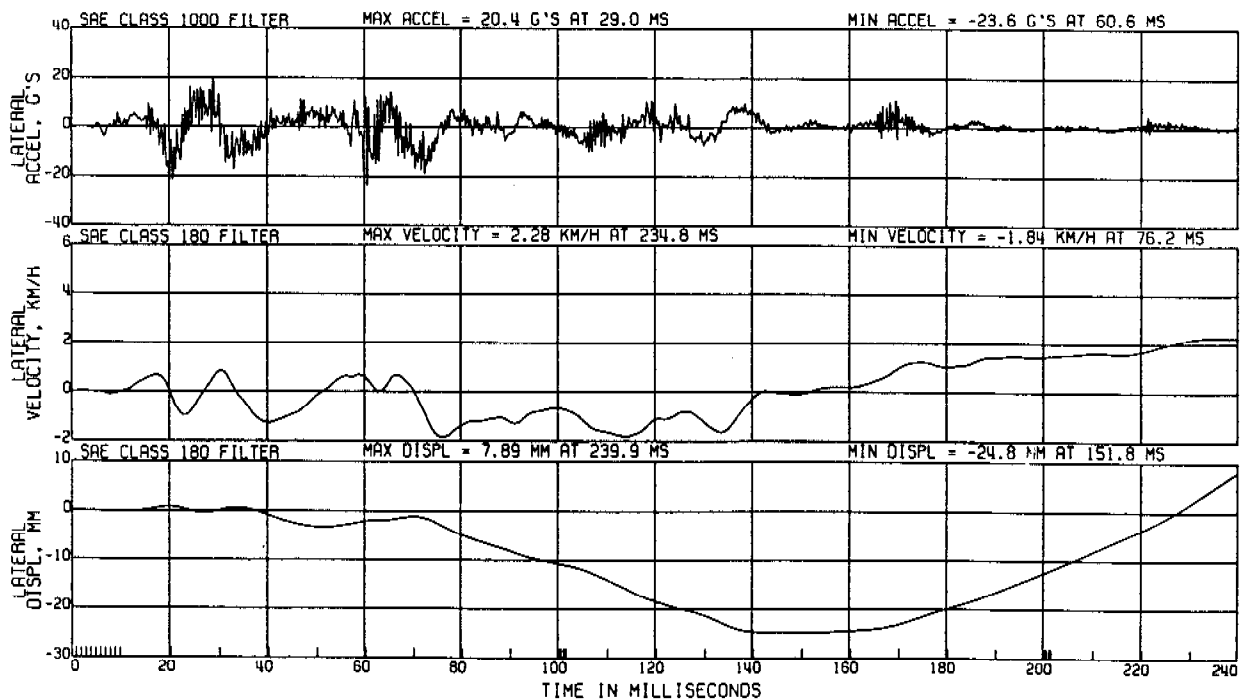
39 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W91850 4-DOOR
ELEC DATA

CTR FRT RAD TIE BAR

TEST DATE:12/18/1997



40 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

LTV MDB TO STATIONARY VEHICLE

80.7KM/H

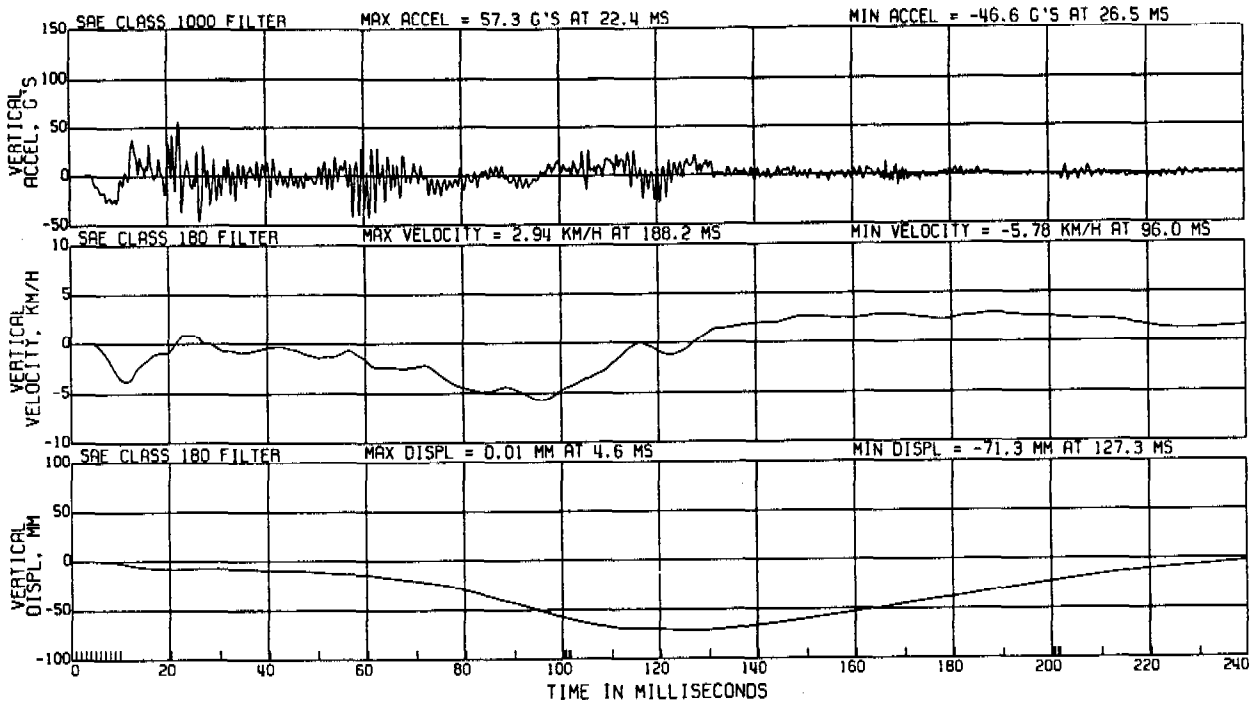
SC

8W9185D 4-DOOR

CTR FRT RAD TIE BAR

TEST DATE:12/18/1997

ELEC DATA



41 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP

LTV MDB TO STATIONARY VEHICLE

80.7KM/H

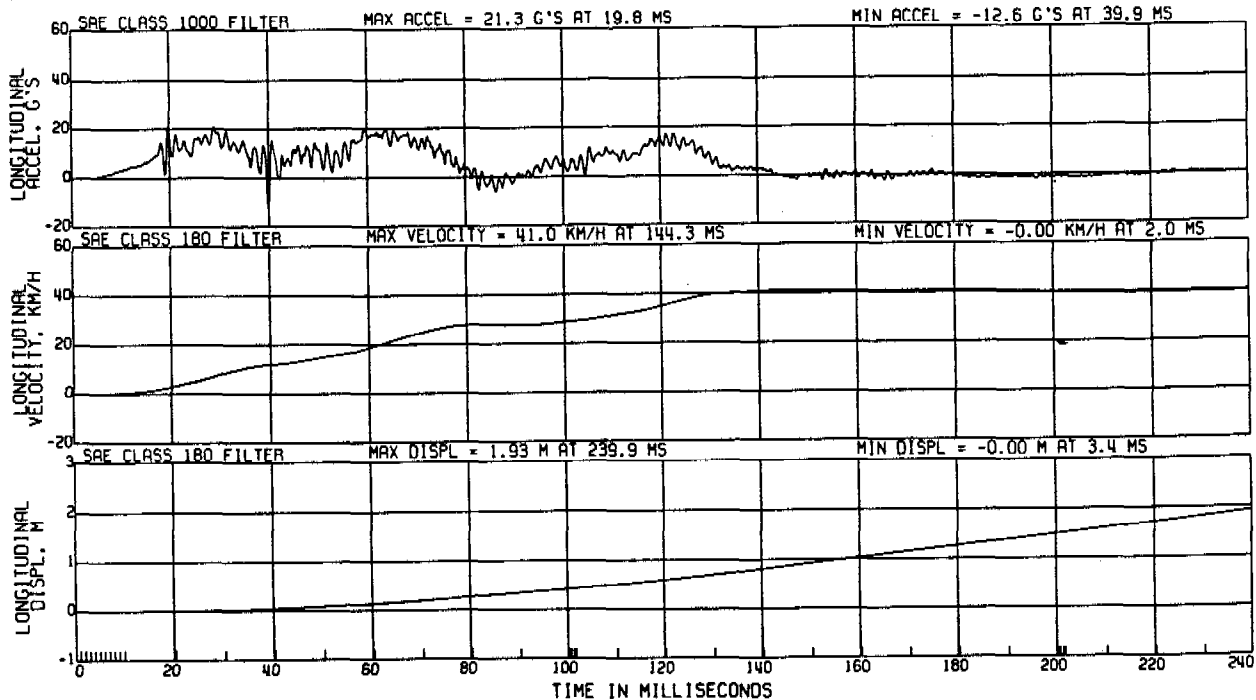
SC

8W9185D 4-DOOR

UPPER ENGINE

TEST DATE:12/18/1997

ELEC DATA



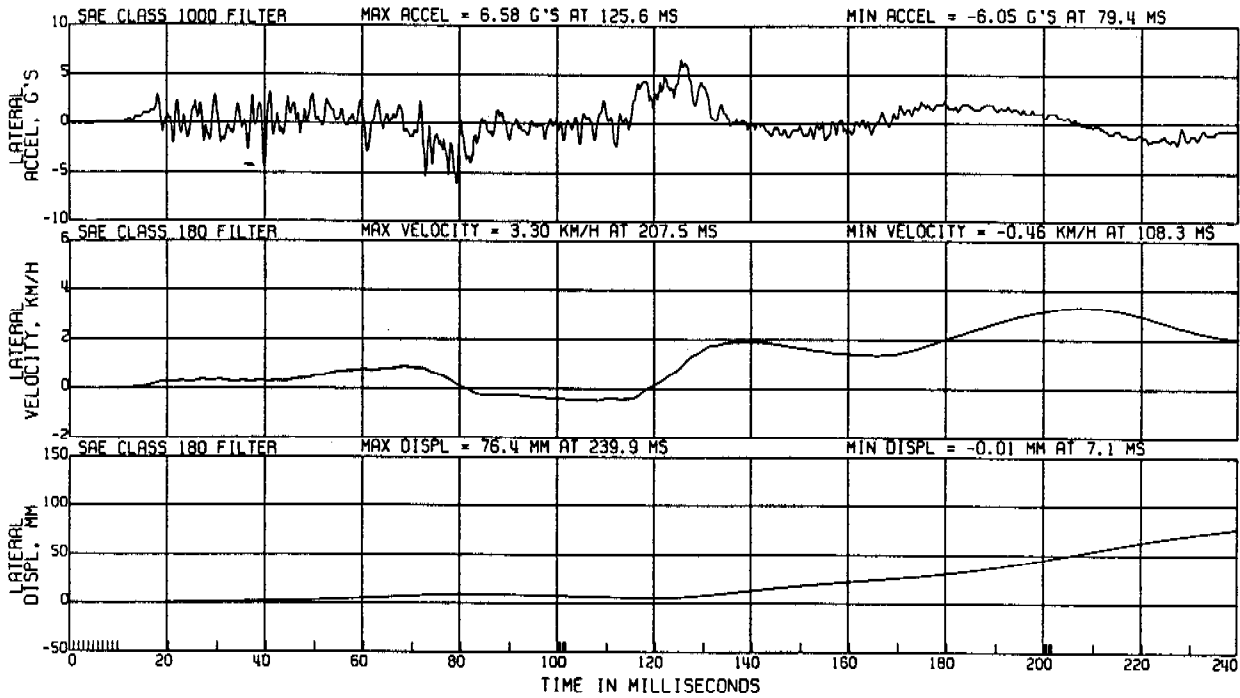
42 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

UPPER ENGINE

TEST DATE:12/18/1997



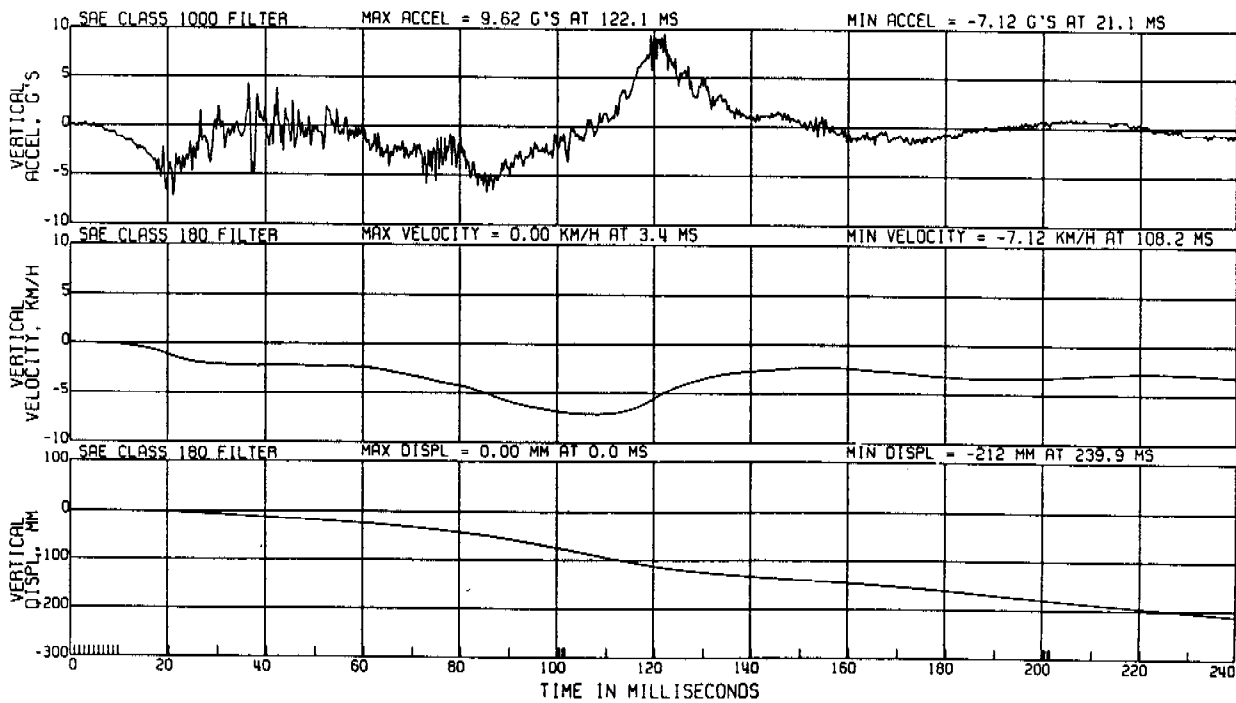
43 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

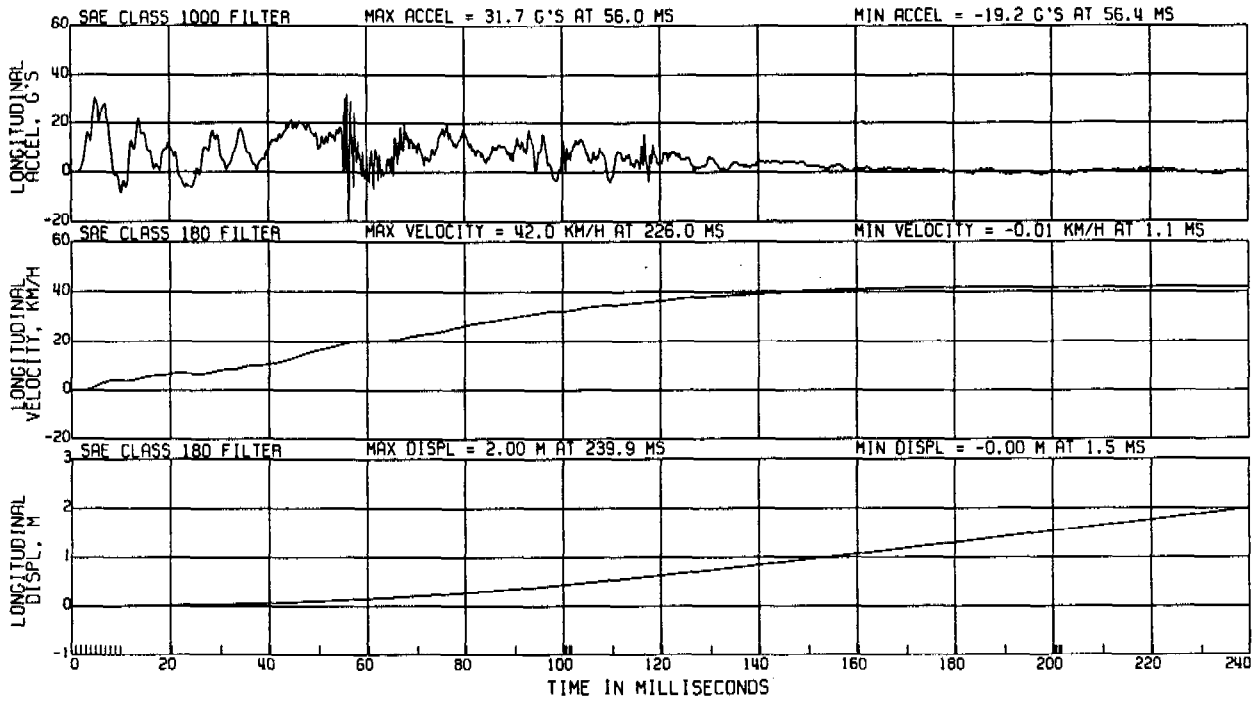
UPPER ENGINE

TEST DATE:12/18/1997



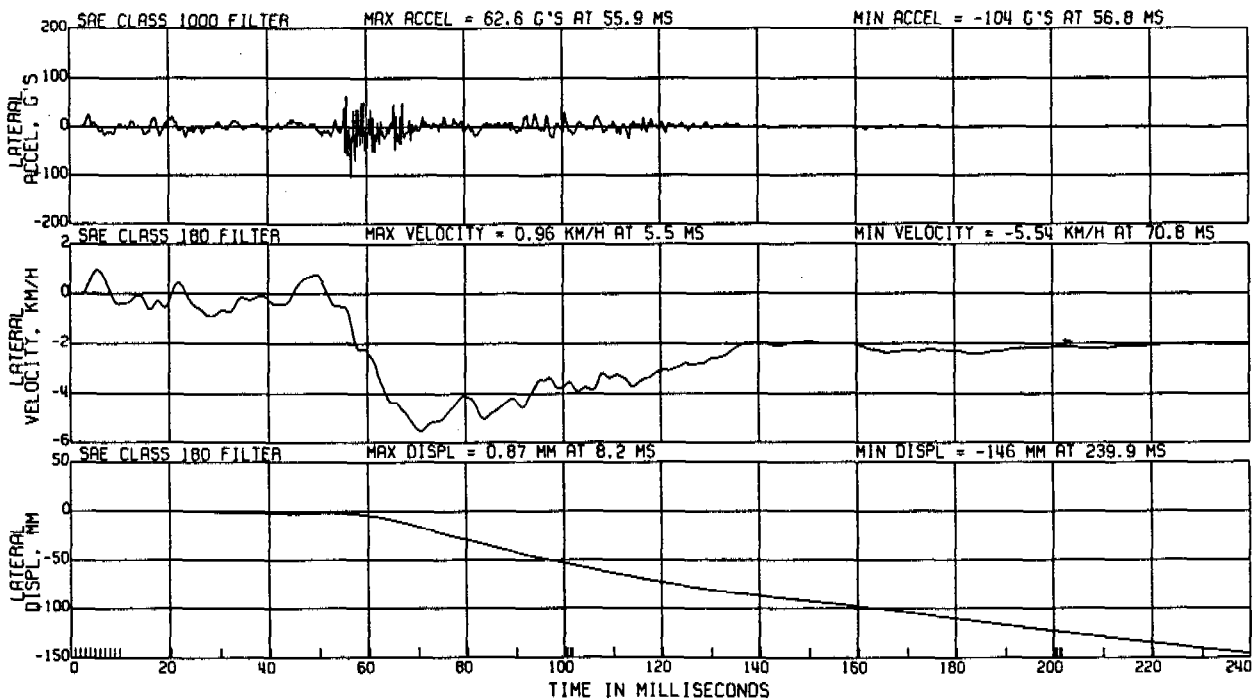
44 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT SEAT O/B MOUNTING RAIL TEST DATE:12/18/1997
 ELEC DATA



45 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR L. FRT SEAT O/B MOUNTING RAIL TEST DATE:12/18/1997
 ELEC DATA



46 PROCESSED 12/18/1997 14:17 V2.07

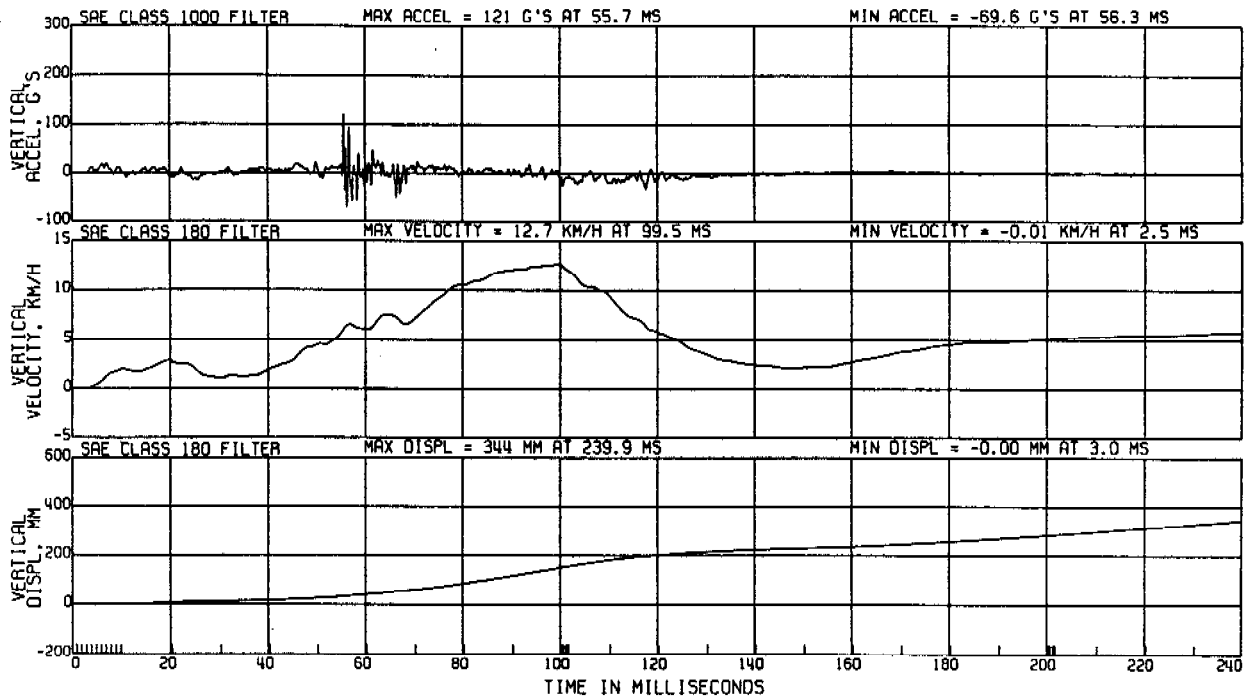
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W9185D 4-DOOR

L. FRT SEAT O/B MOUNTING RAIL

TEST DATE:12/18/1997



47 PROCESSED 12/18/1997 14:17 V2.07

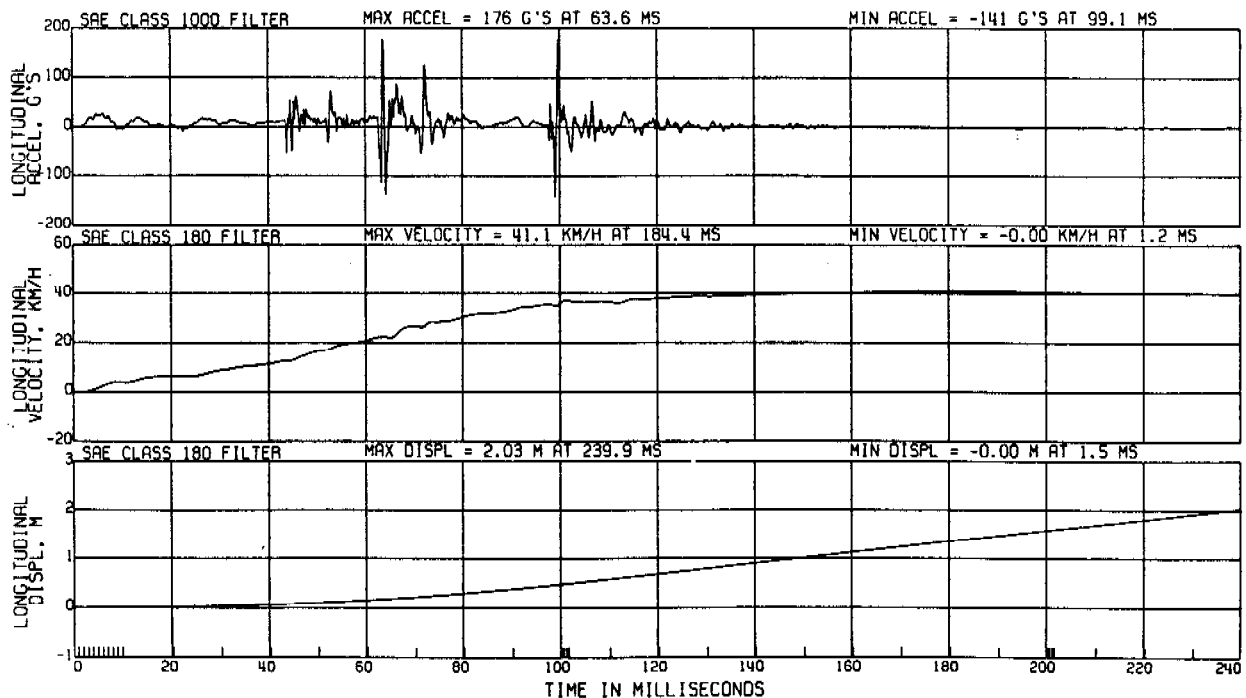
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W9185D 4-DOOR

R. FRT SEAT O/B MOUNTING RAIL

TEST DATE:12/18/1997



48 PROCESSED 12/18/1997 14:17 V2.07

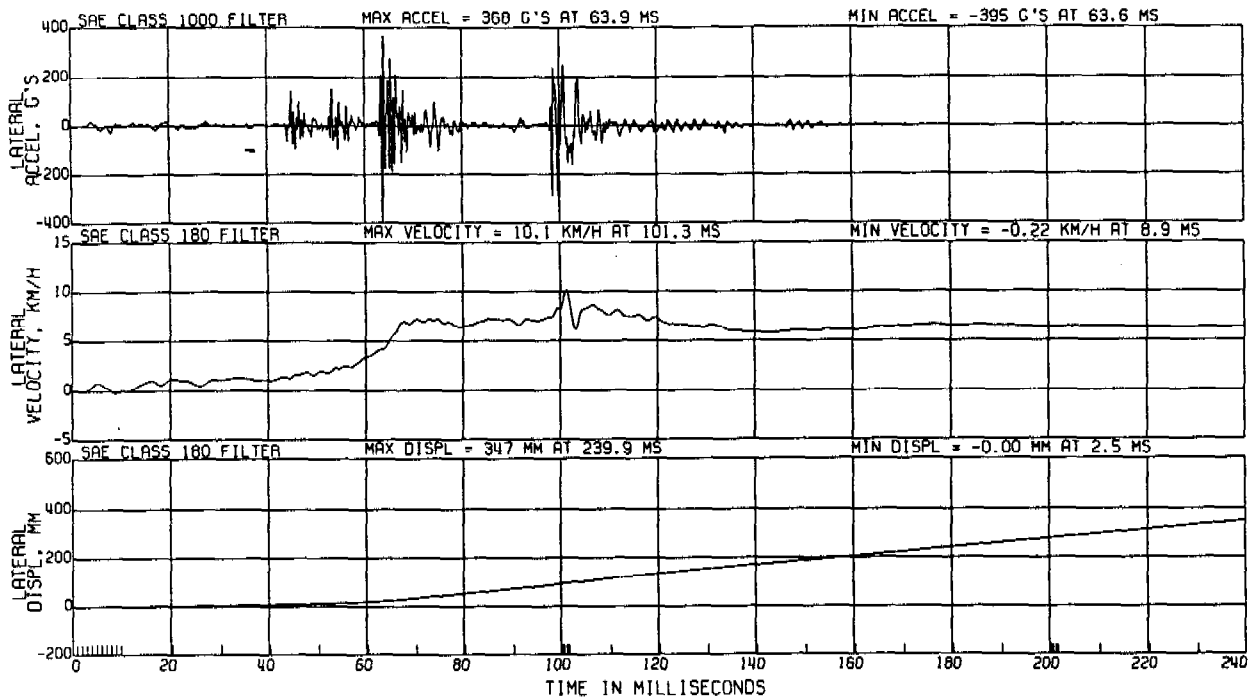
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W9185D 4-000A

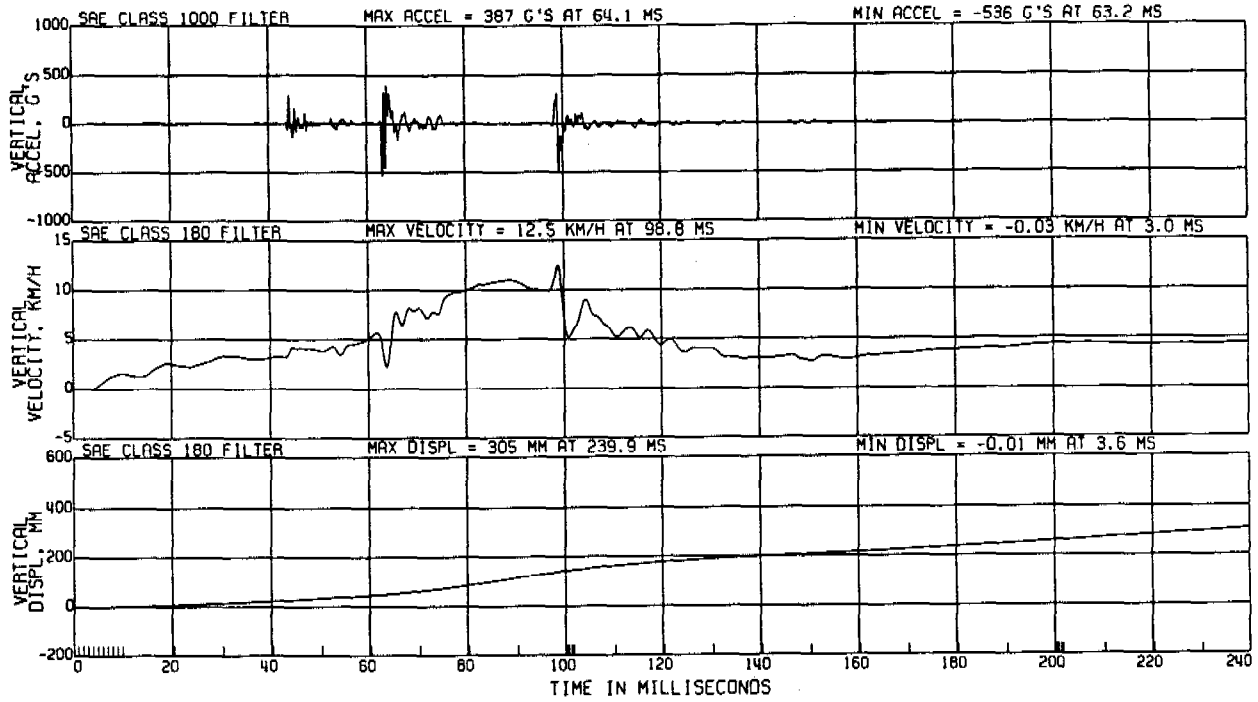
R. FAT SEAT O/B MOUNTING RAIL

TEST DATE:12/18/1997



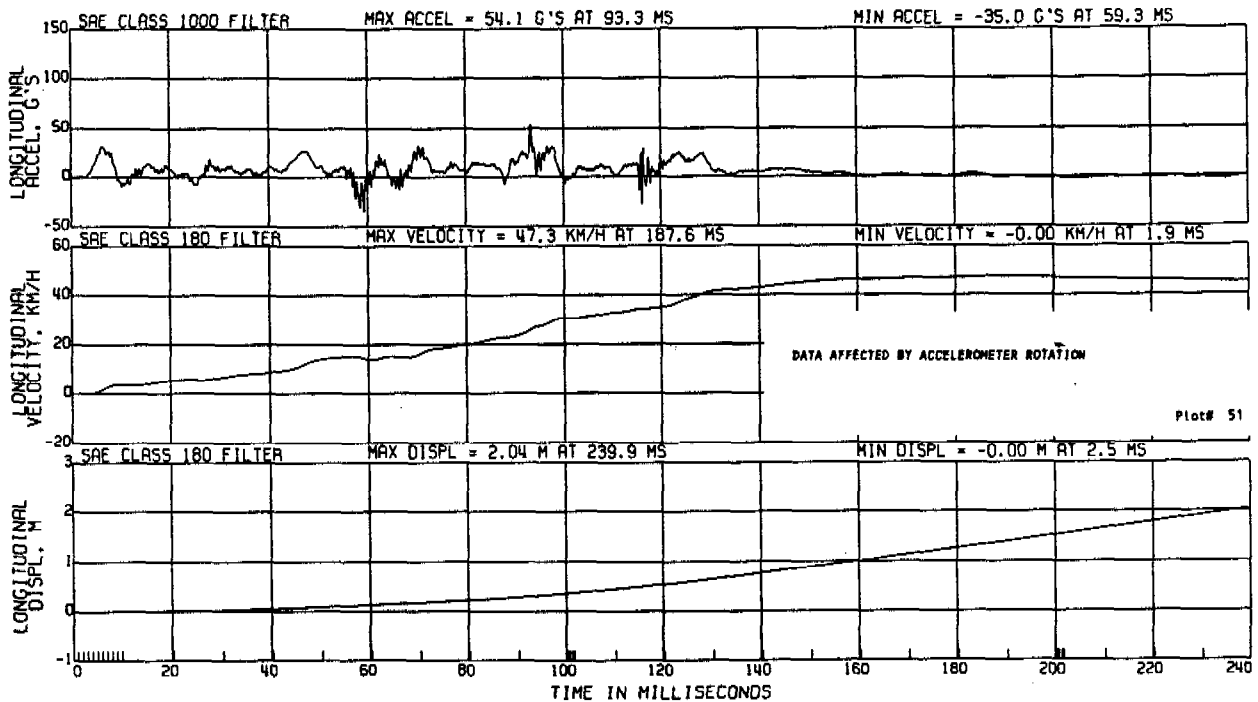
49 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W91850 4-DOOR A. FAT SEAT O/B MOUNTING RAIL TEST DATE:12/18/1997
 ELEC DATA



50 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W91850 4-DOOR L. FAT SEAT BACK TEST DATE:12/18/1997
 ELEC DATA



51 PROCESSED 12/18/1997 14:17 V2.07

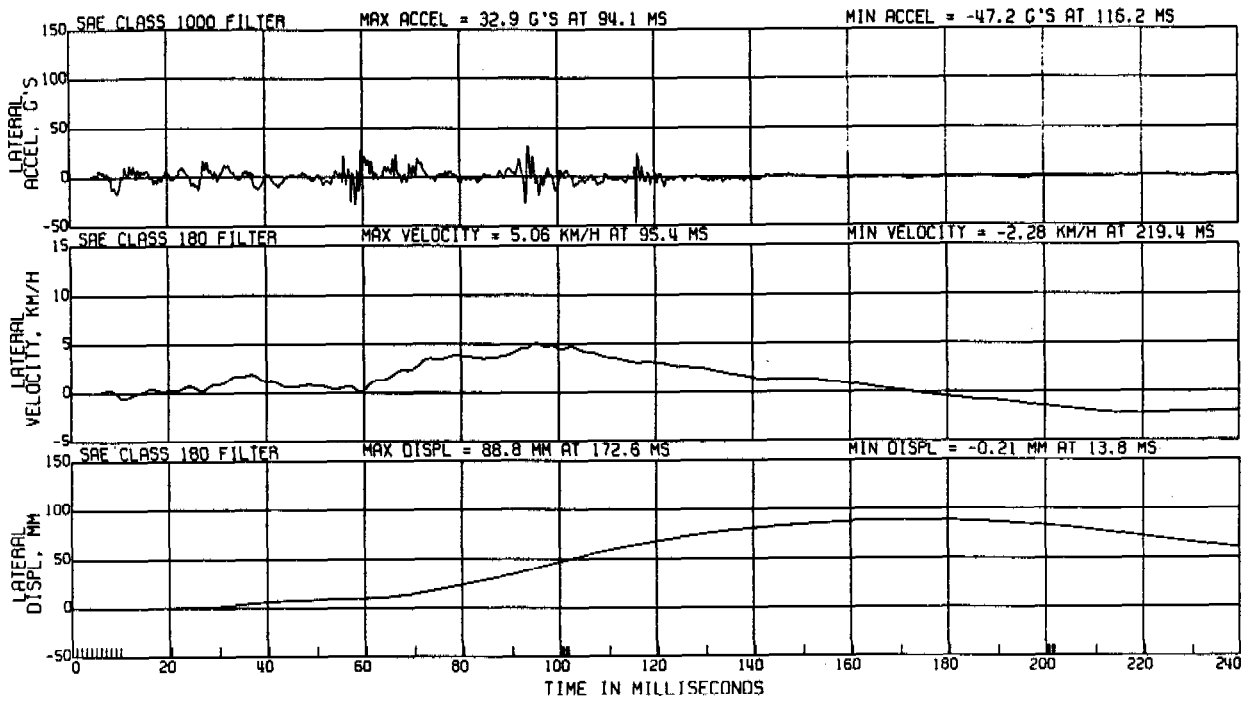
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-000R
ELEC DATA

L. FRT SEAT BACK

TEST DATE:12/18/1997



52 PROCESSED 12/18/1997 14:17 V2.07

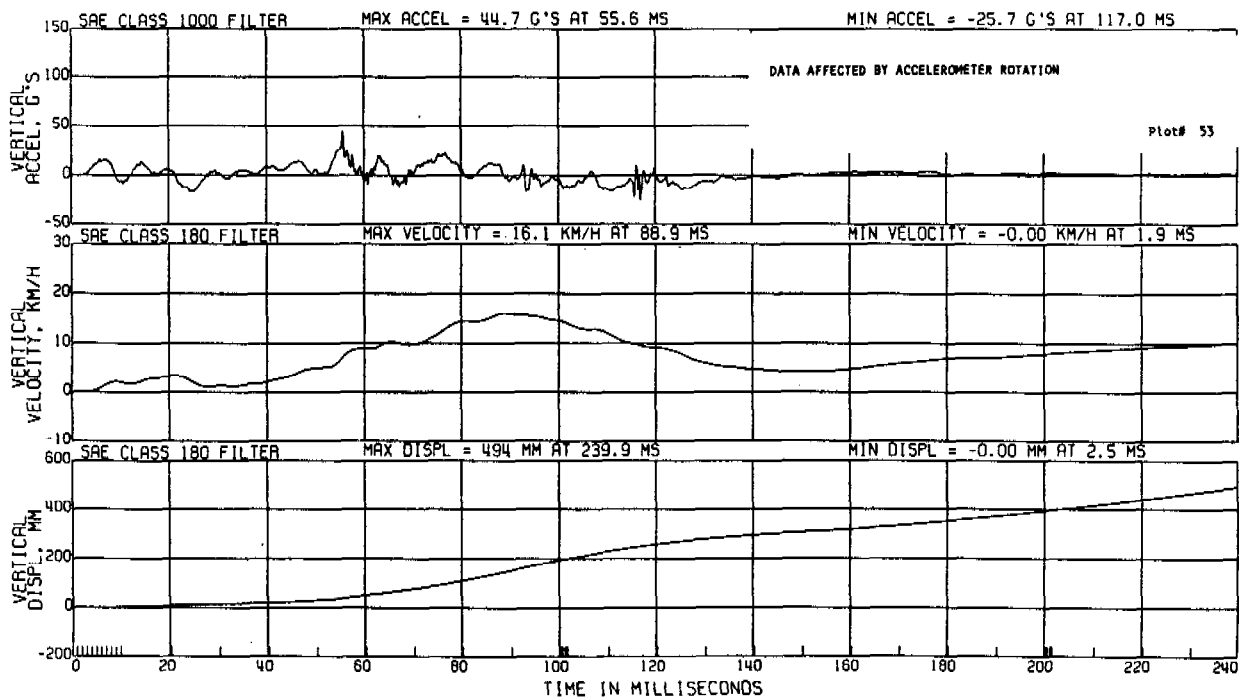
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-000R
ELEC DATA

L. FRT SEAT BACK

TEST DATE:12/18/1997



53 PROCESSED 12/18/1997 14:17 V2.07

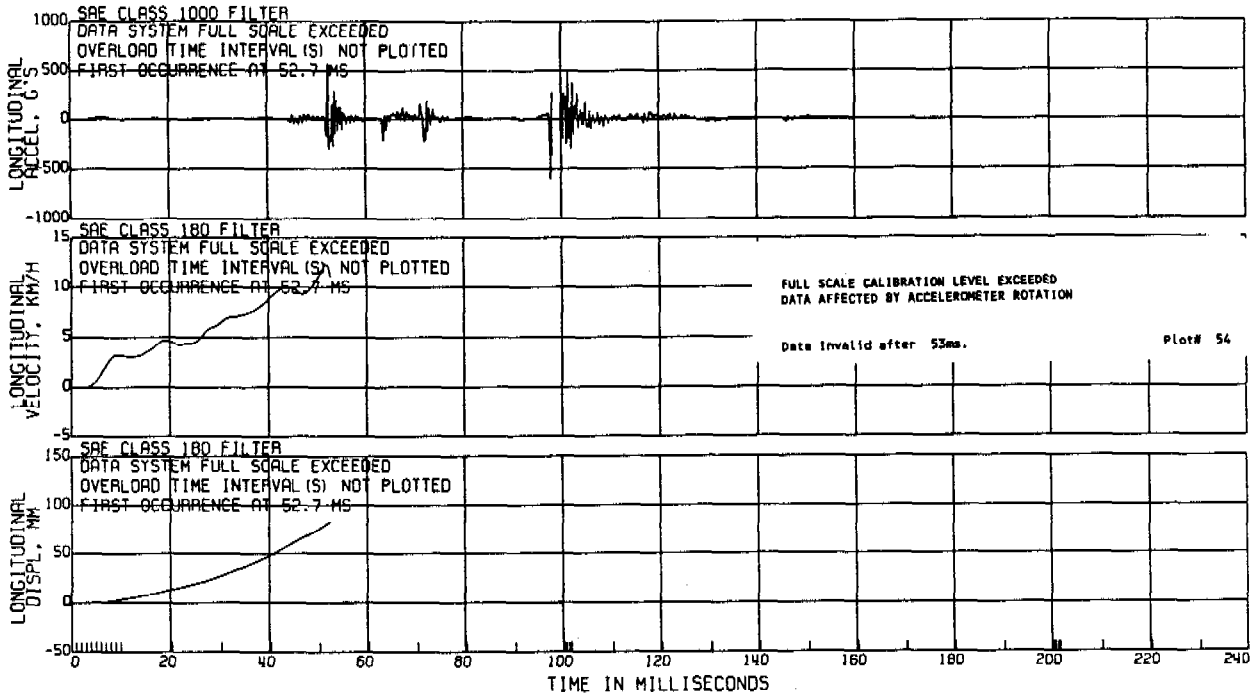
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-000R
ELEC DATA

R. FRT SEAT BACK

TEST DATE:12/18/1997



54 PROCESSED 12/18/1997 14:17 V2.07

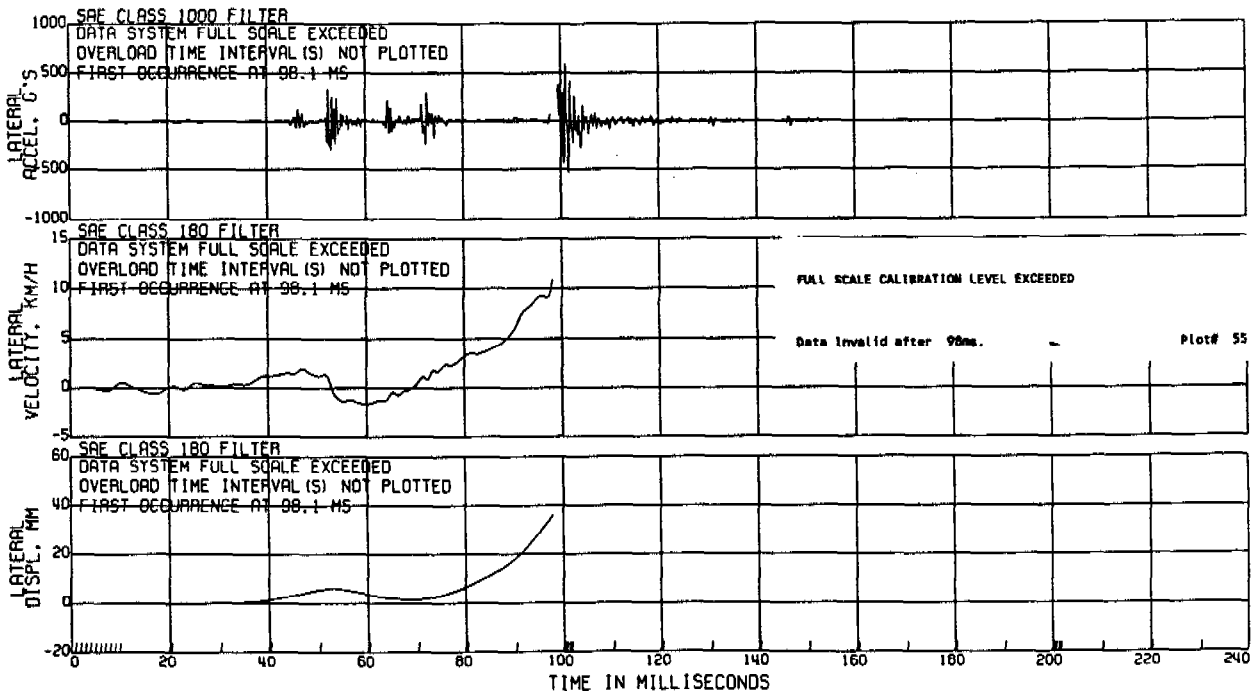
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-000R
ELEC DATA

R. FRT SEAT BACK

TEST DATE:12/18/1997



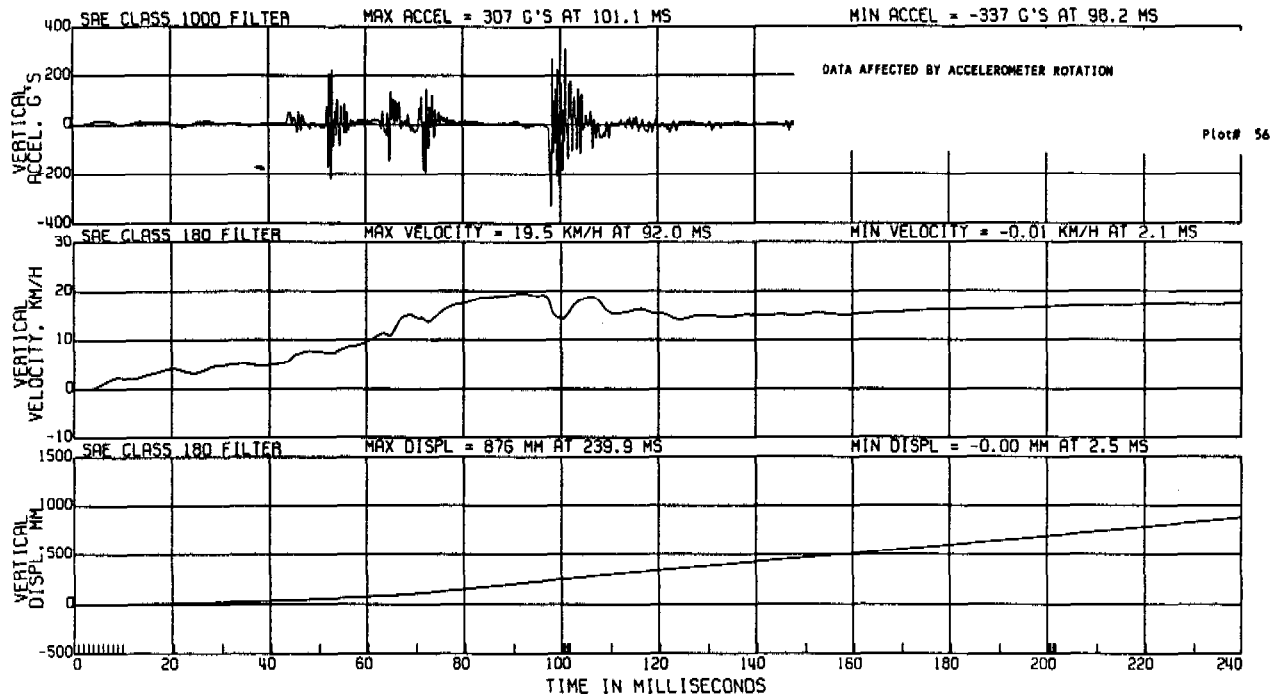
55 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-000R
ELEC DATA

R. FRT SEAT BACK

TEST DATE:12/18/1997



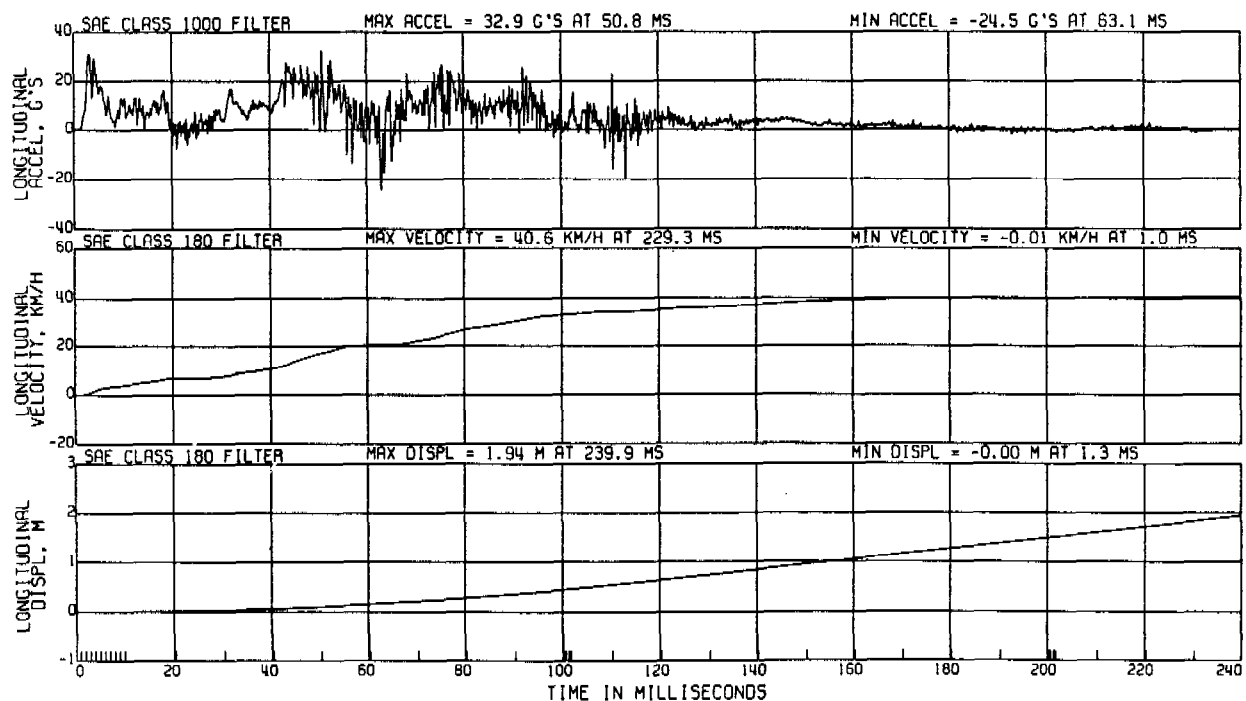
56 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-000R
ELEC DATA

L. FRT ROCKER

TEST DATE:12/18/1997



57 PROCESSED 12/18/1997 14:17 V2.07

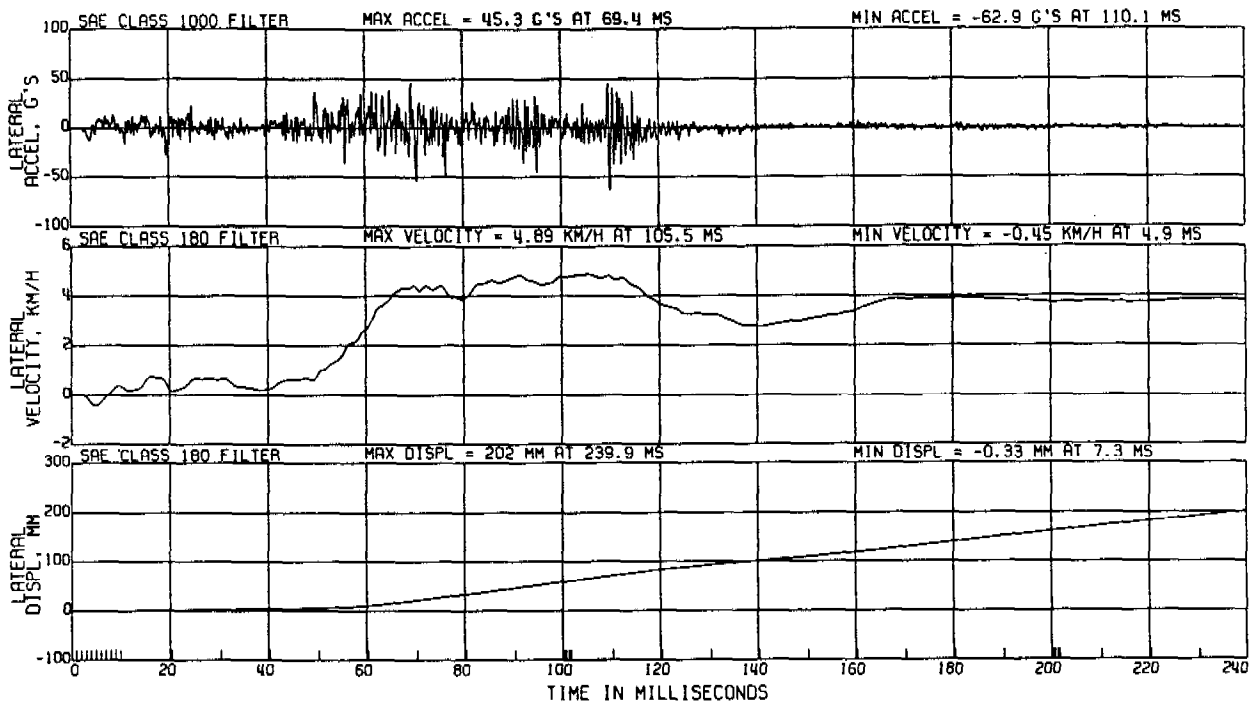
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

L. FRT ROCKER

TEST DATE:12/18/1997



58 PROCESSED 12/18/1997 14:17 V2.07

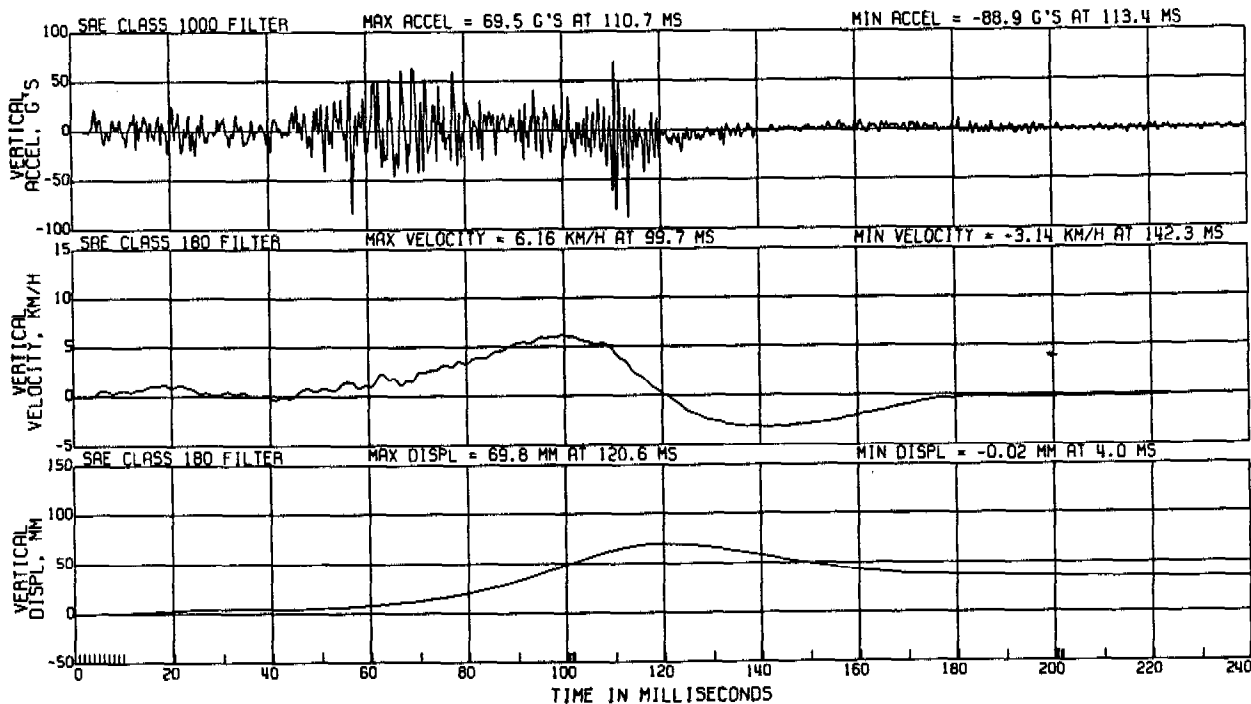
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

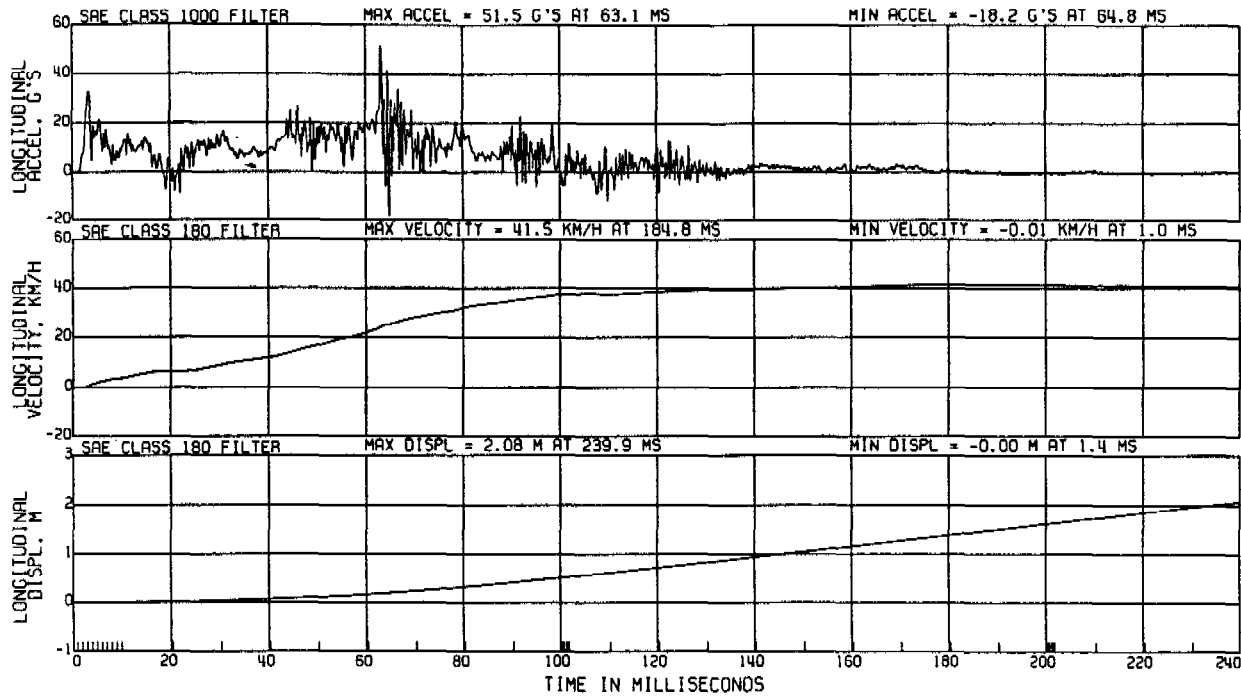
SC 8W9185D 4-DOOR
ELEC DATA

L. FRT ROCKER

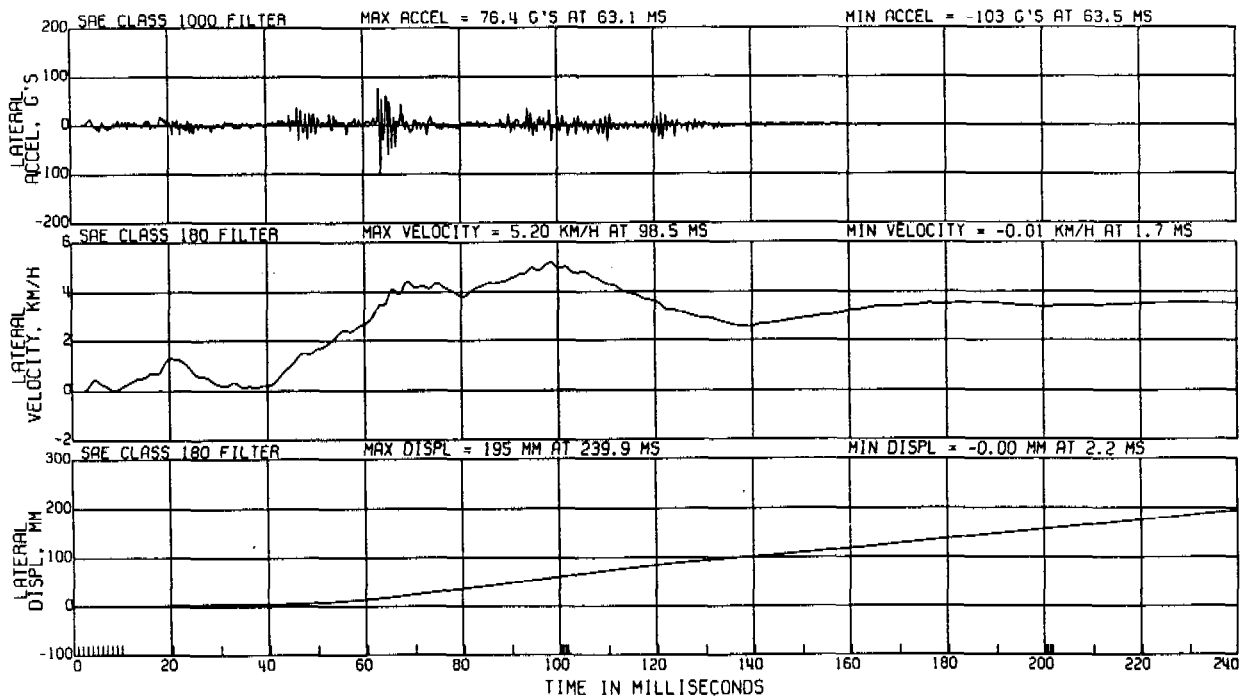
TEST DATE:12/18/1997



59 PROCESSED 12/18/1997 14:17 V2.07



60 PROCESSED 12/18/1997 14:17 V2.07



61 PROCESSED 12/18/1997 14:17 V2.07

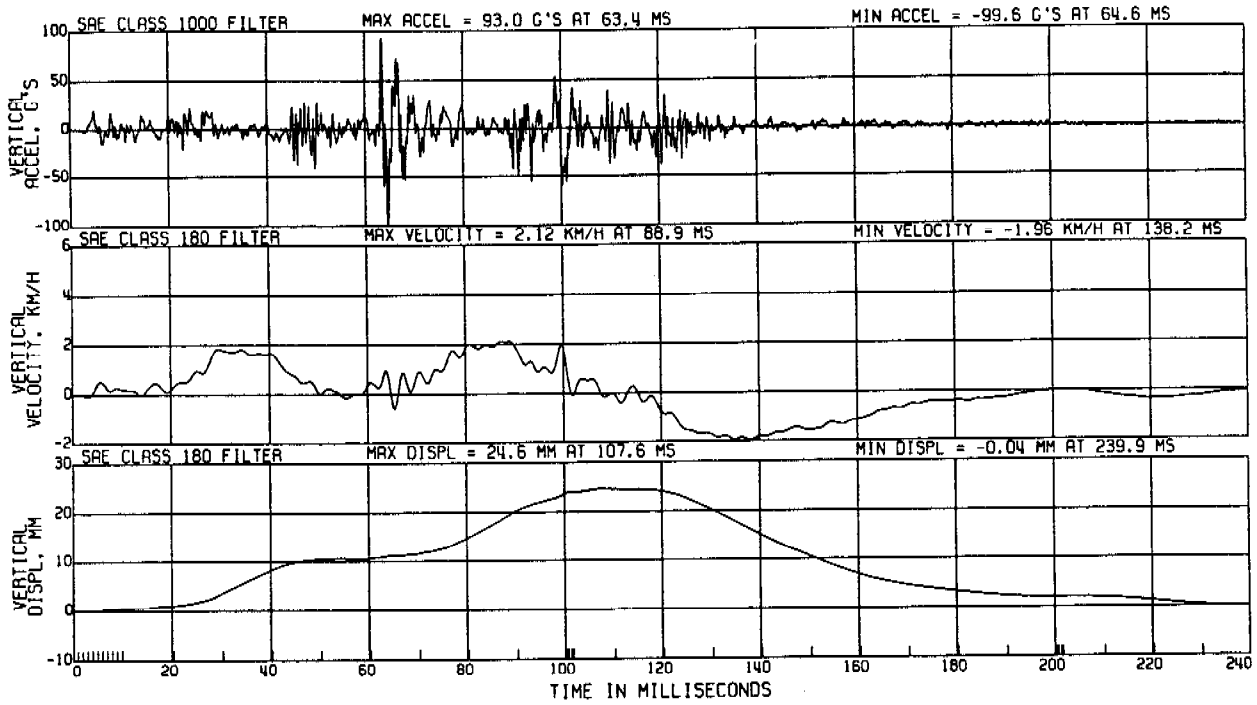
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

R. FRT ROCKER

TEST DATE:12/18/1997



62 PROCESSED 12/18/1997 14:17 V2.07

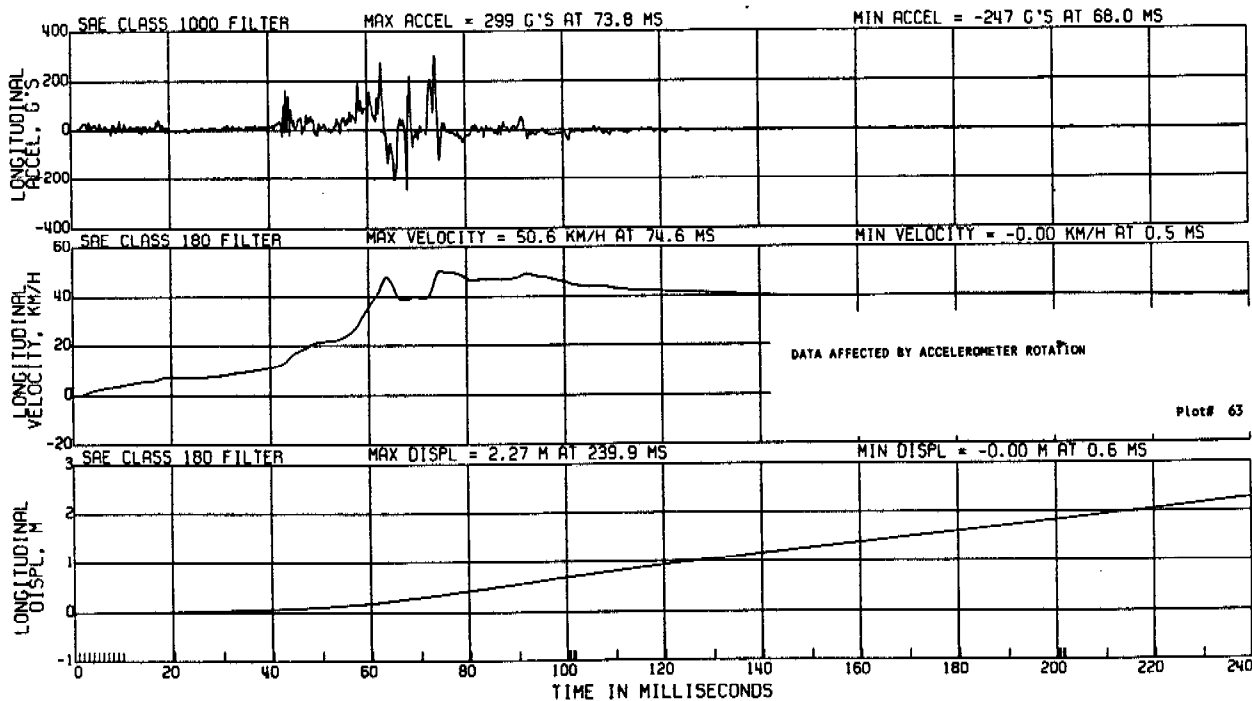
C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

L.REAR ROCKER

TEST DATE:12/18/1997



63 PROCESSED 12/18/1997 14:17 V2.07

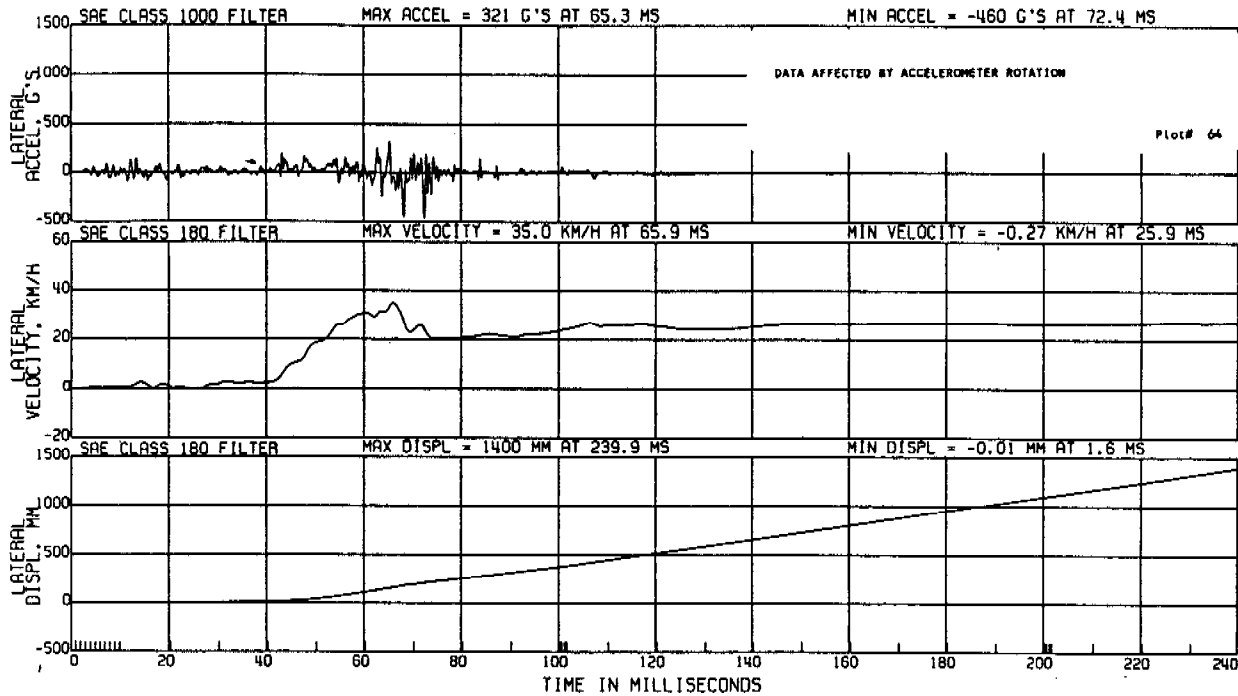
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W91850 4-DOOR

L.REAR ROCKER

TEST DATE:12/18/1997



64 PROCESSED 12/18/1997 14:17 V2.07

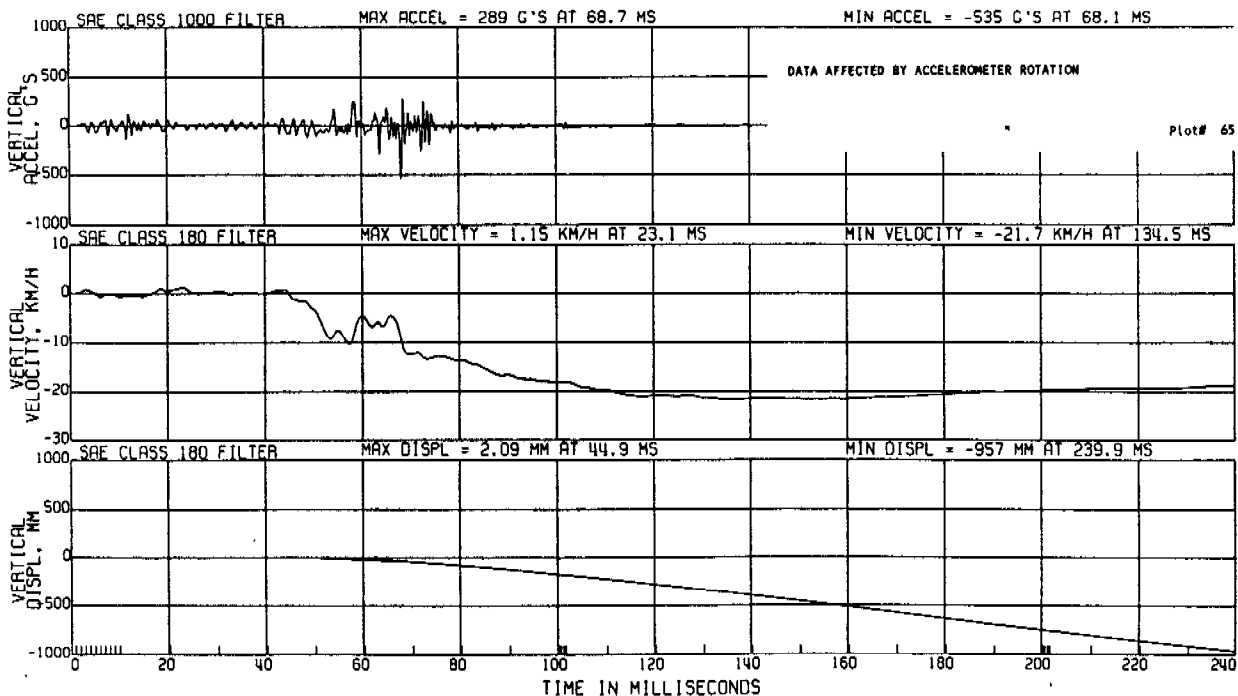
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W91850 4-DOOR

L.REAR ROCKER

TEST DATE:12/18/1997



65 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

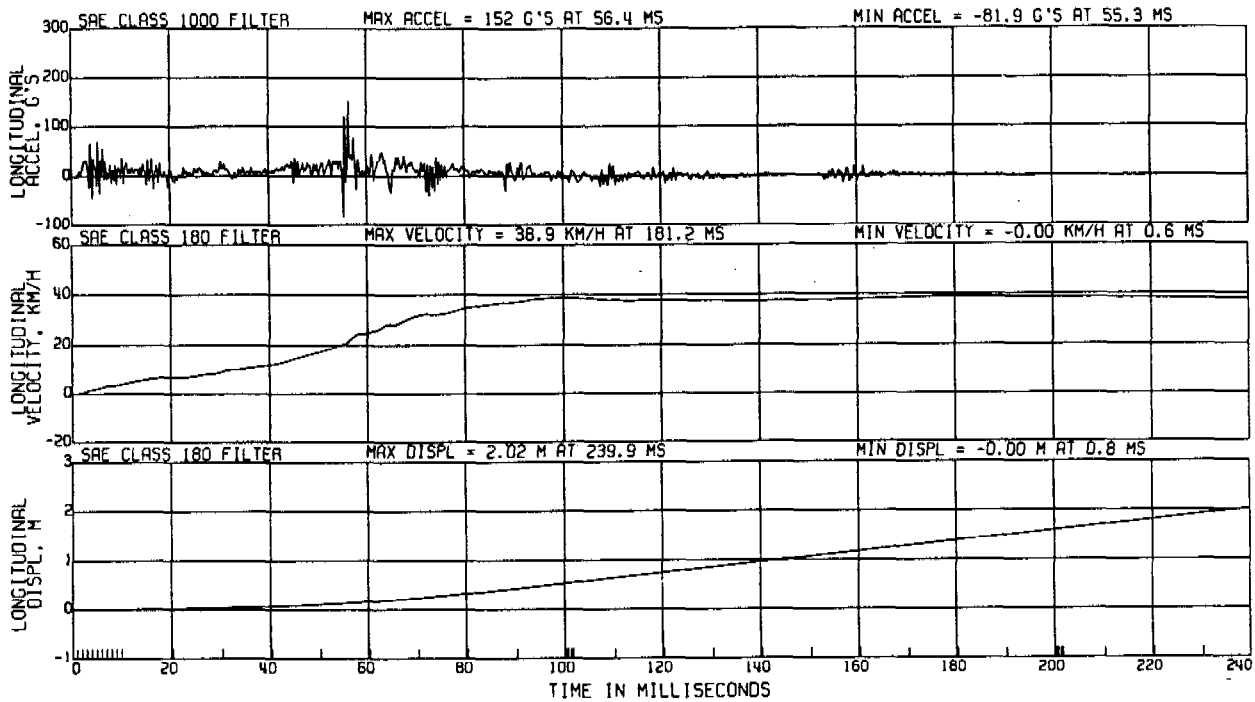
80.7KM/H

SC 8W9185D 4-DOOR

R.REAR ROCKER

TEST DATE:12/18/1997

ELEC DATA



66 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE

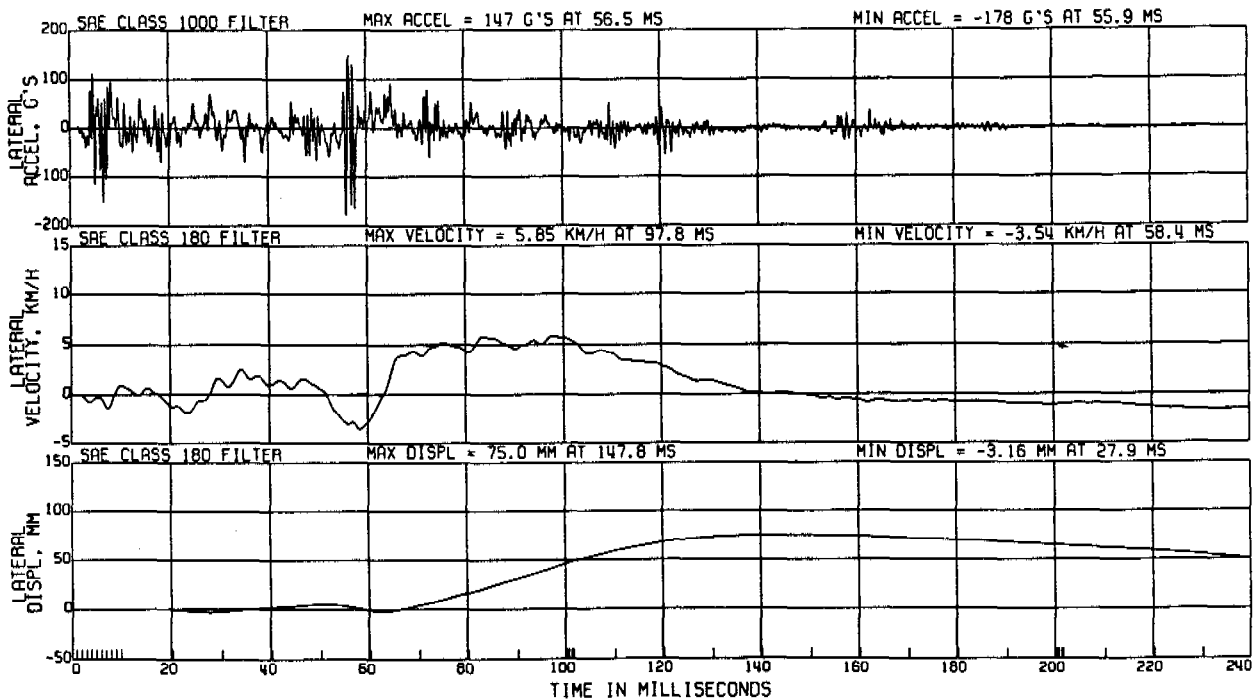
80.7KM/H

SC 8W9185D 4-DOOR

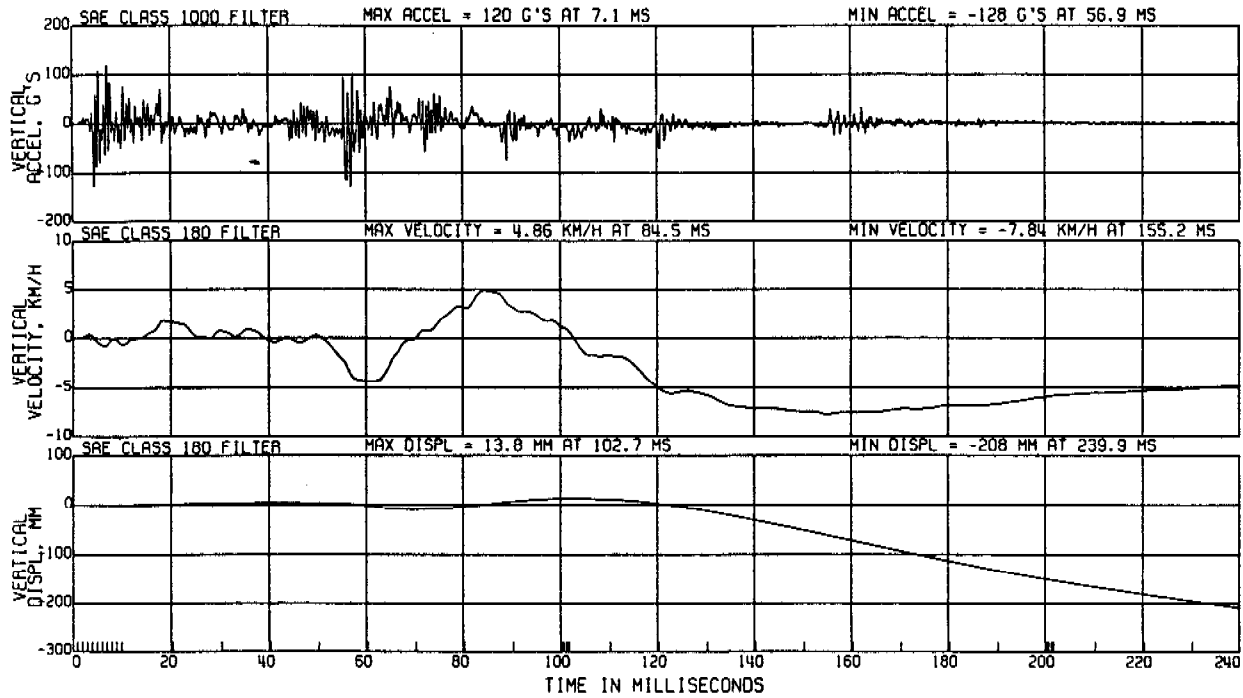
R.REAR ROCKER

TEST DATE:12/18/1997

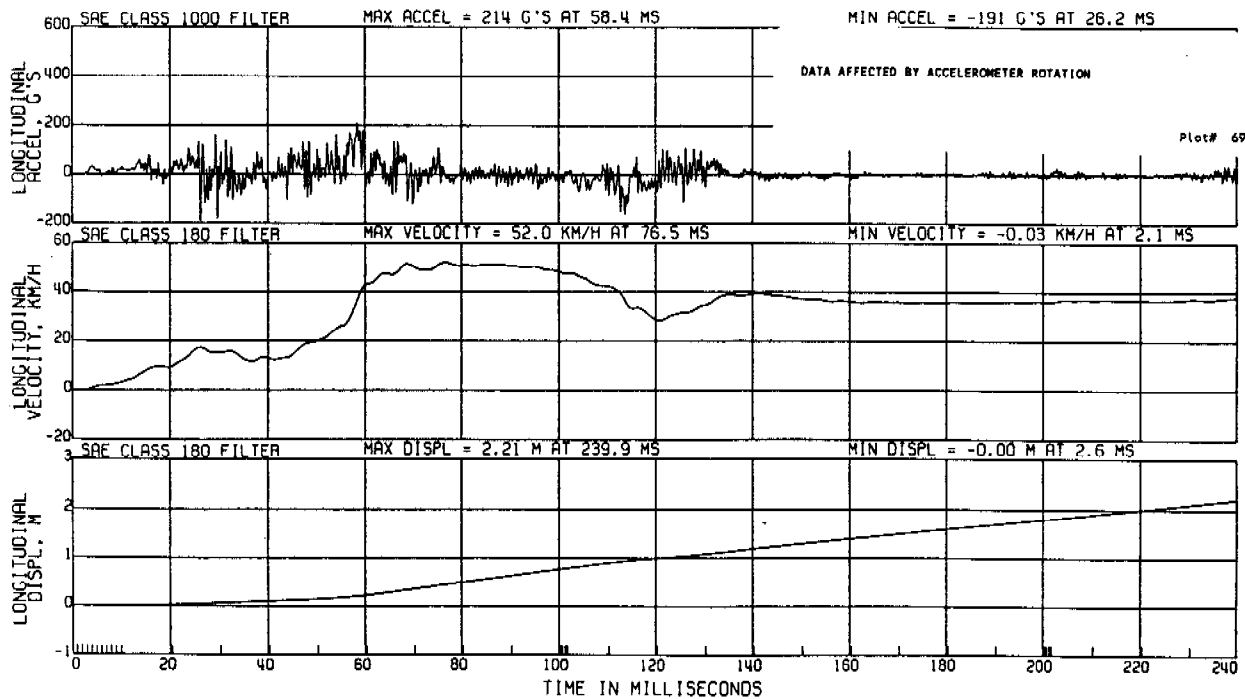
ELEC DATA



67 PROCESSED 12/18/1997 14:17 V2.07

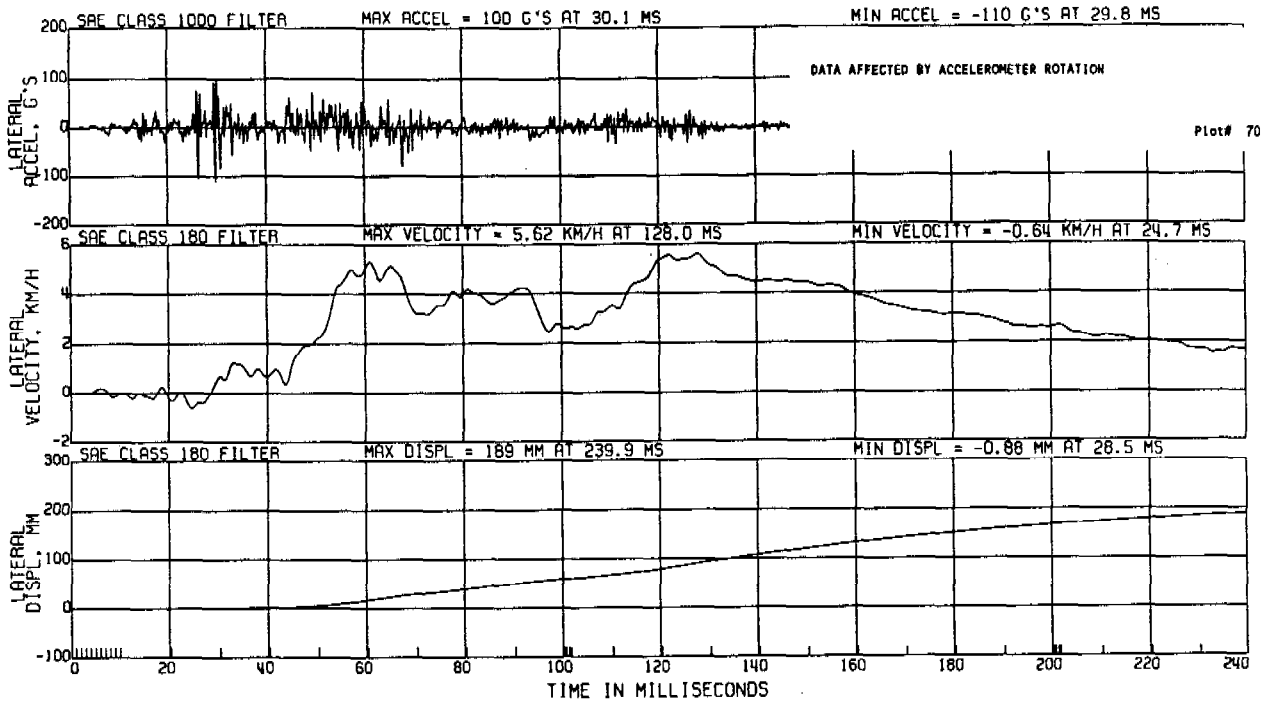


68 PROCESSED 12/18/1997 14:17 V2.07



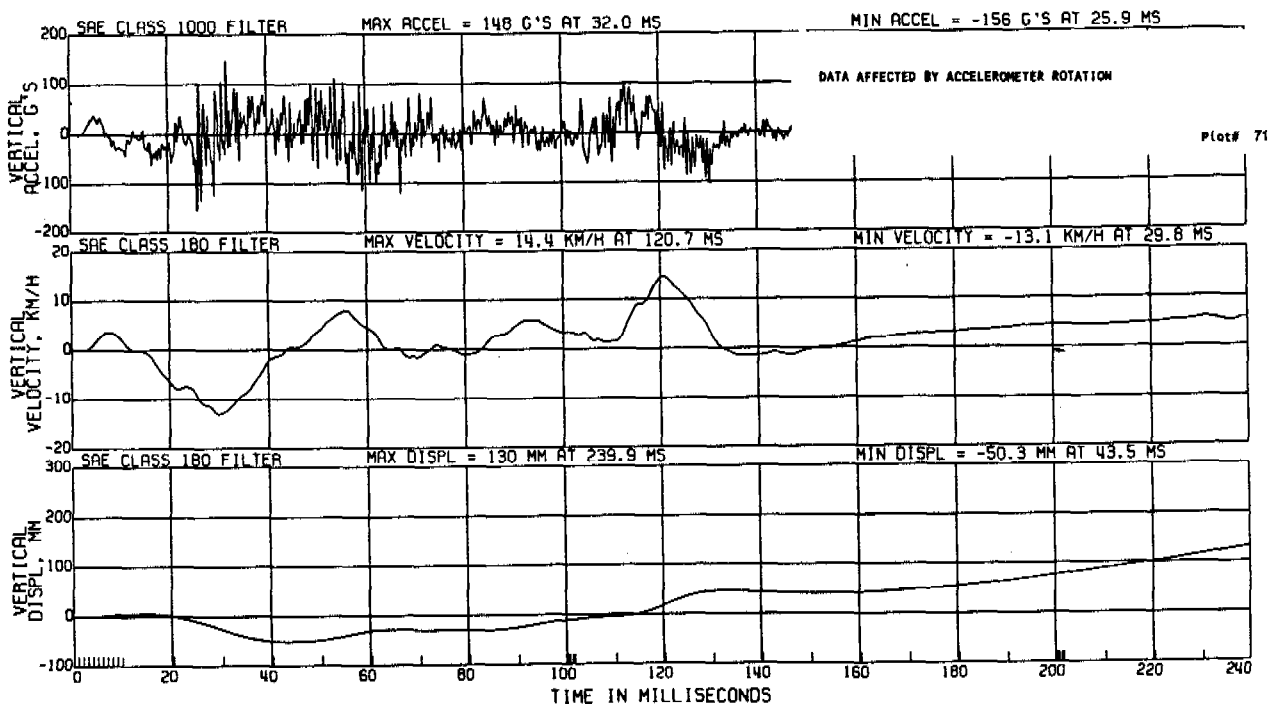
69 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR CTR REAR SEATBACK CLOSEOUT TEST DATE:12/18/1997
 ELEC DATA



70 PROCESSED 12/18/1997 14:17 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR CTR REAR SEATBACK CLOSEOUT TEST DATE:12/18/1997
 ELEC DATA



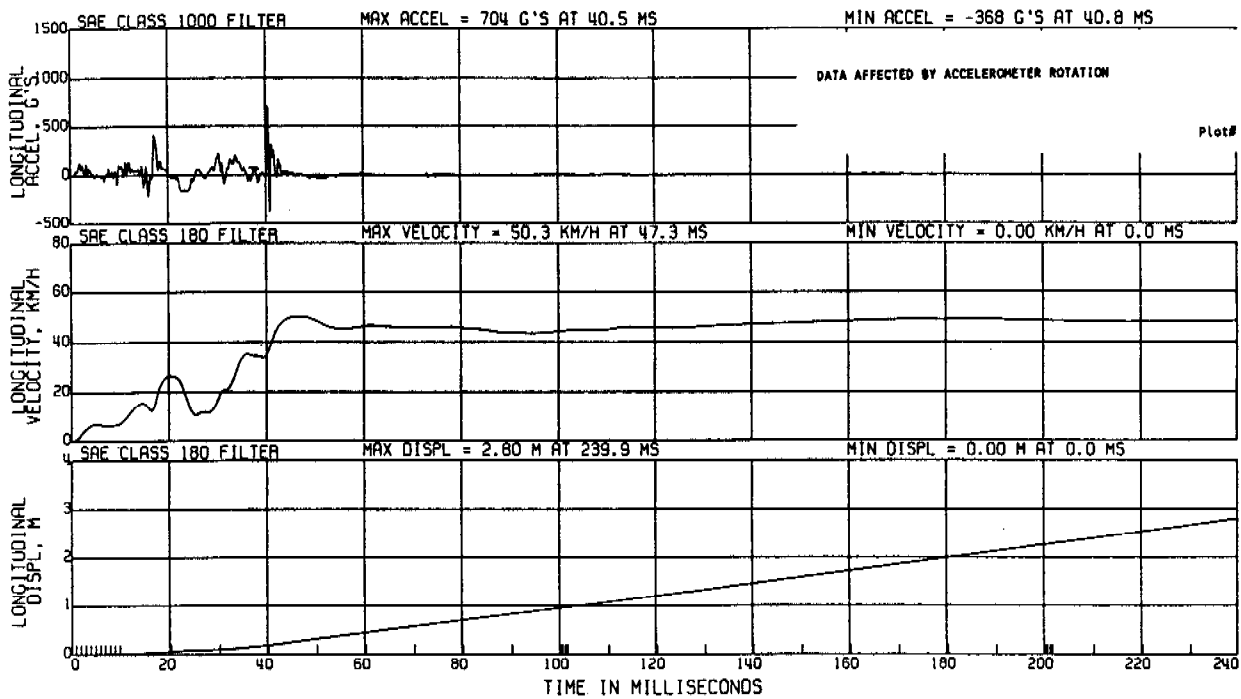
71 PROCESSED 12/18/1997 14:17 V2.07

SC
ELEC DATA

8W9185D 4-DOOR

L.REAR FRAME RAIL

TEST DATE:12/18/1997



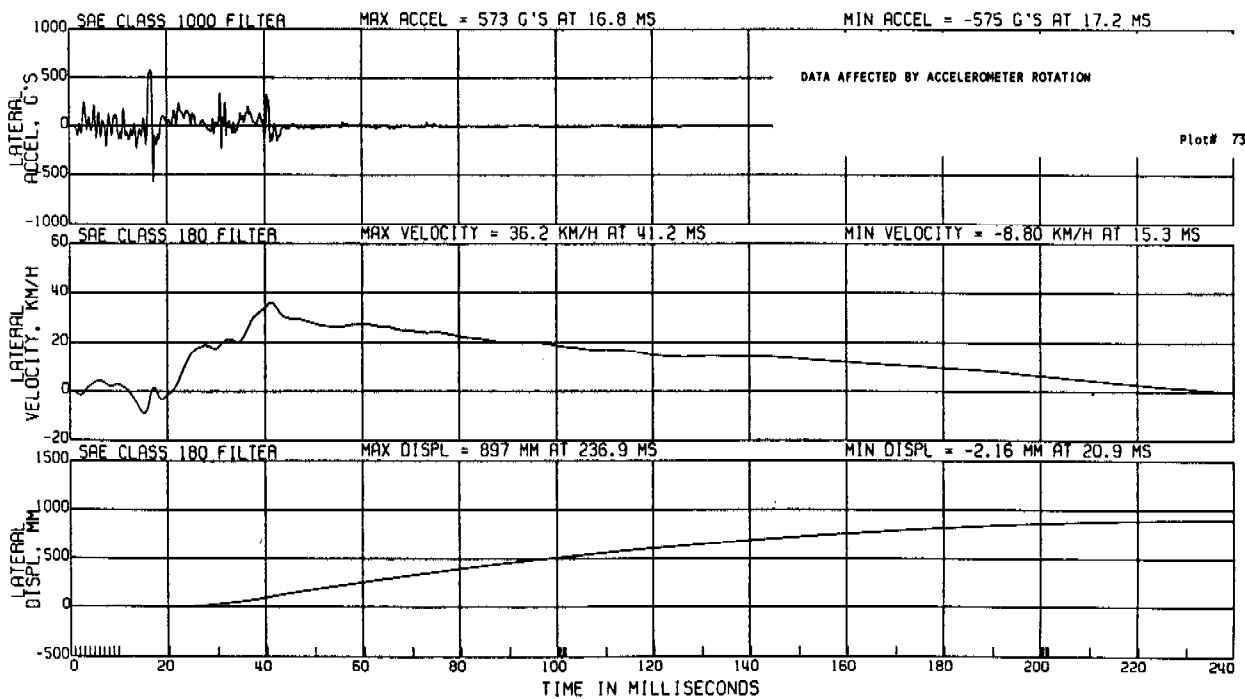
72 PROCESSED 12/18/1997 14:18 V2.07

SC
ELEC DATA

8W9185D 4-DOOR

L.REAR FRAME RAIL

TEST DATE:12/18/1997



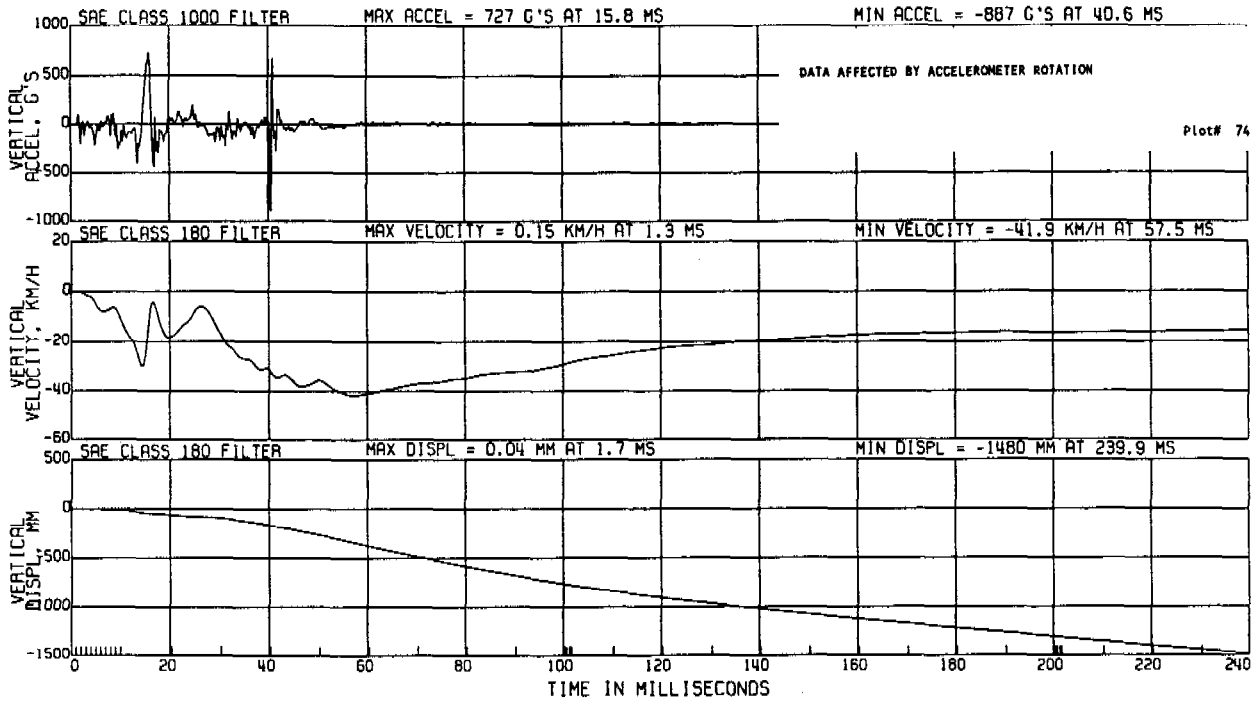
73 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

L.REAR FRAME RAIL

TEST DATE:12/18/1997



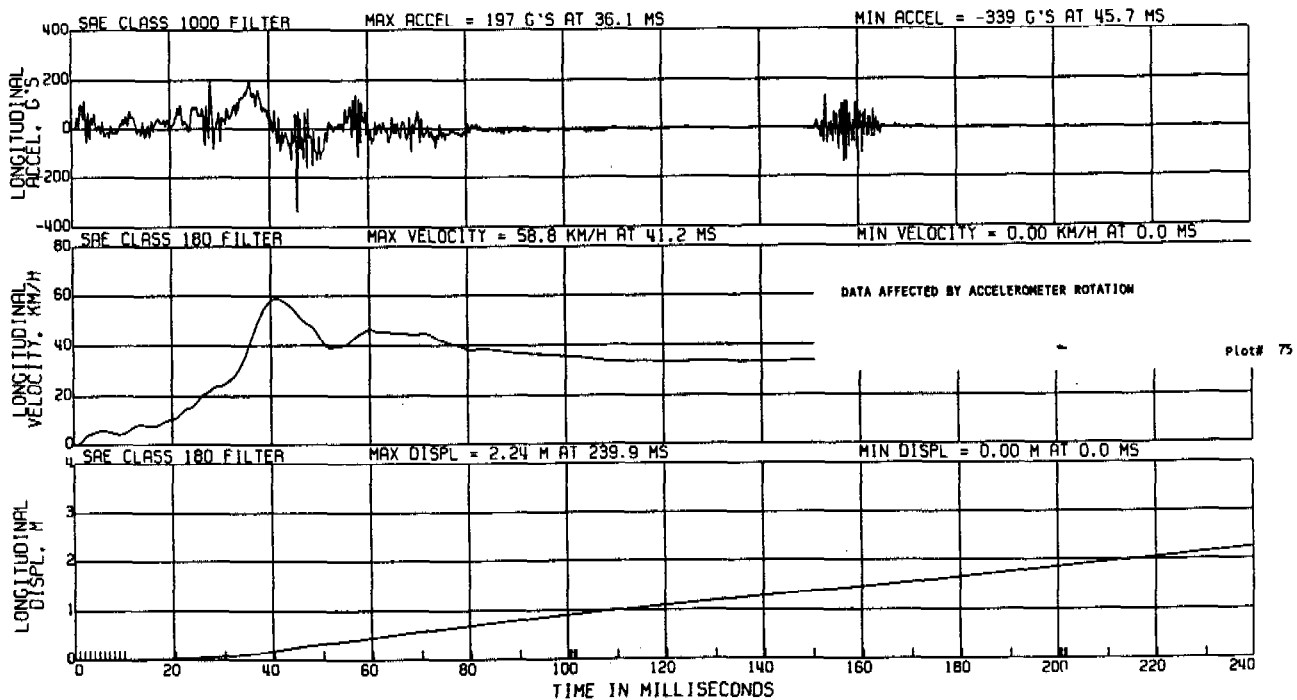
74 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

R.REAR FRAME RAIL

TEST DATE:12/18/1997



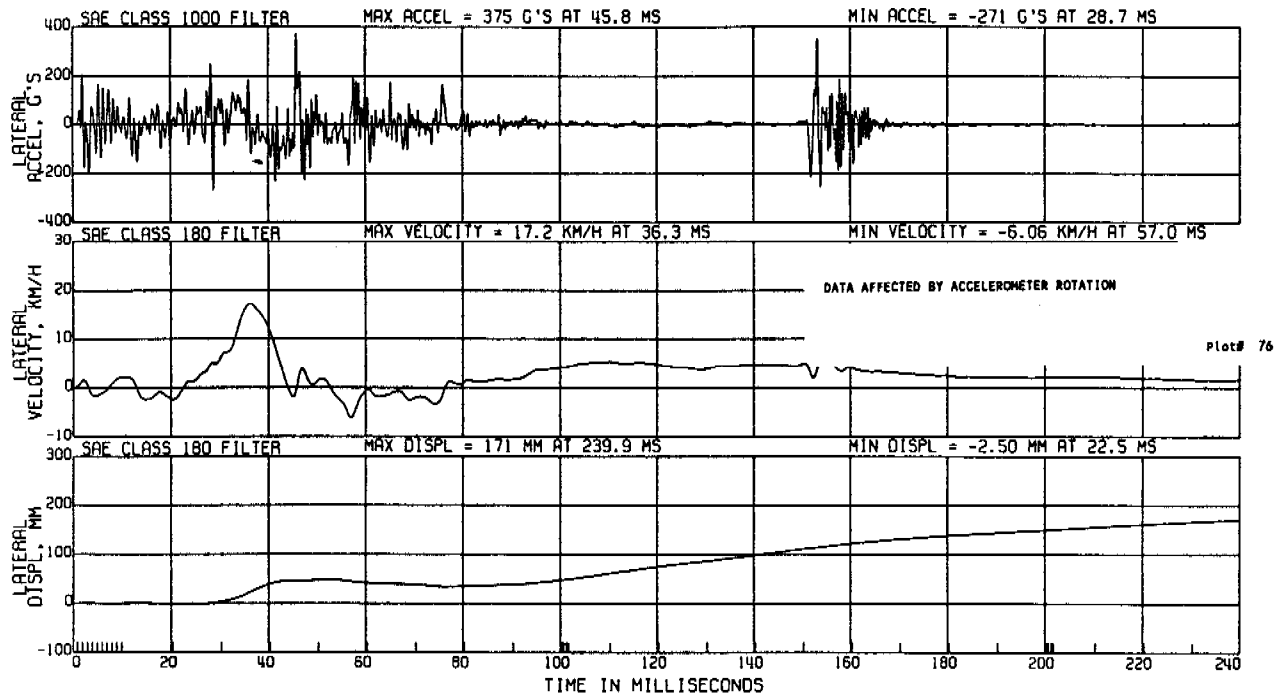
75 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

R.REAR FRAME RAIL

TEST DATE:12/18/1997



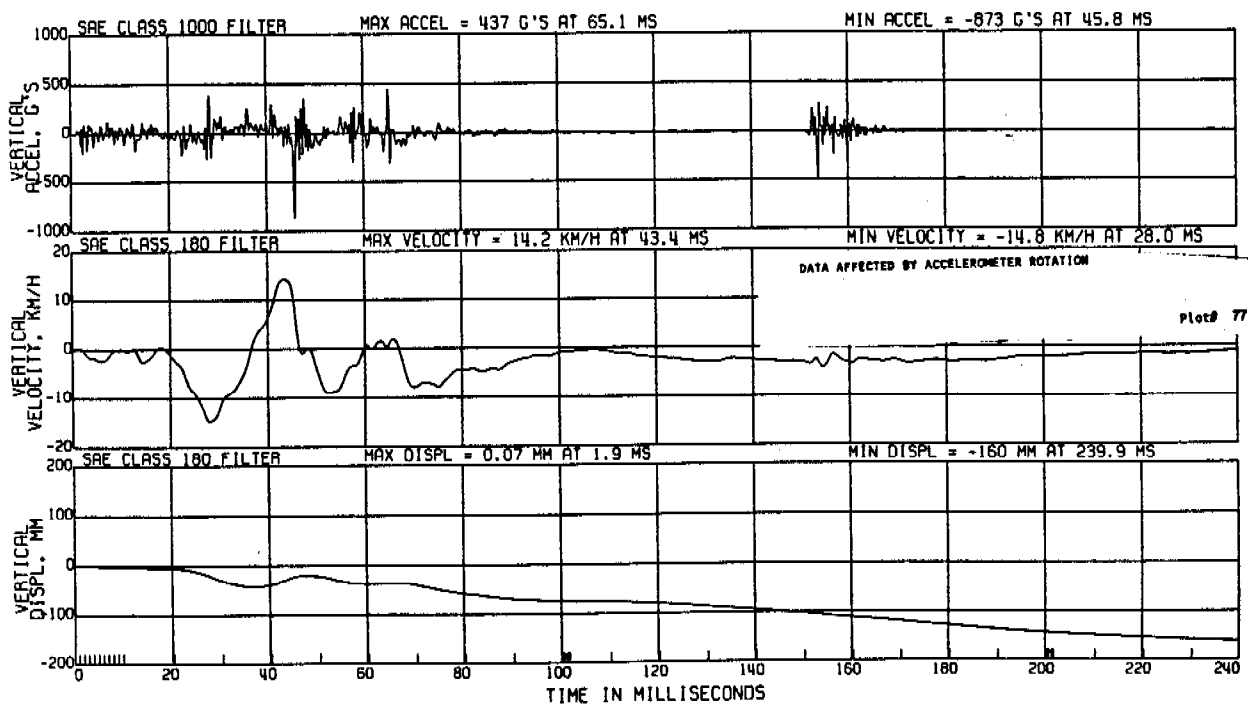
76 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H

SC 8W9185D 4-DOOR
ELEC DATA

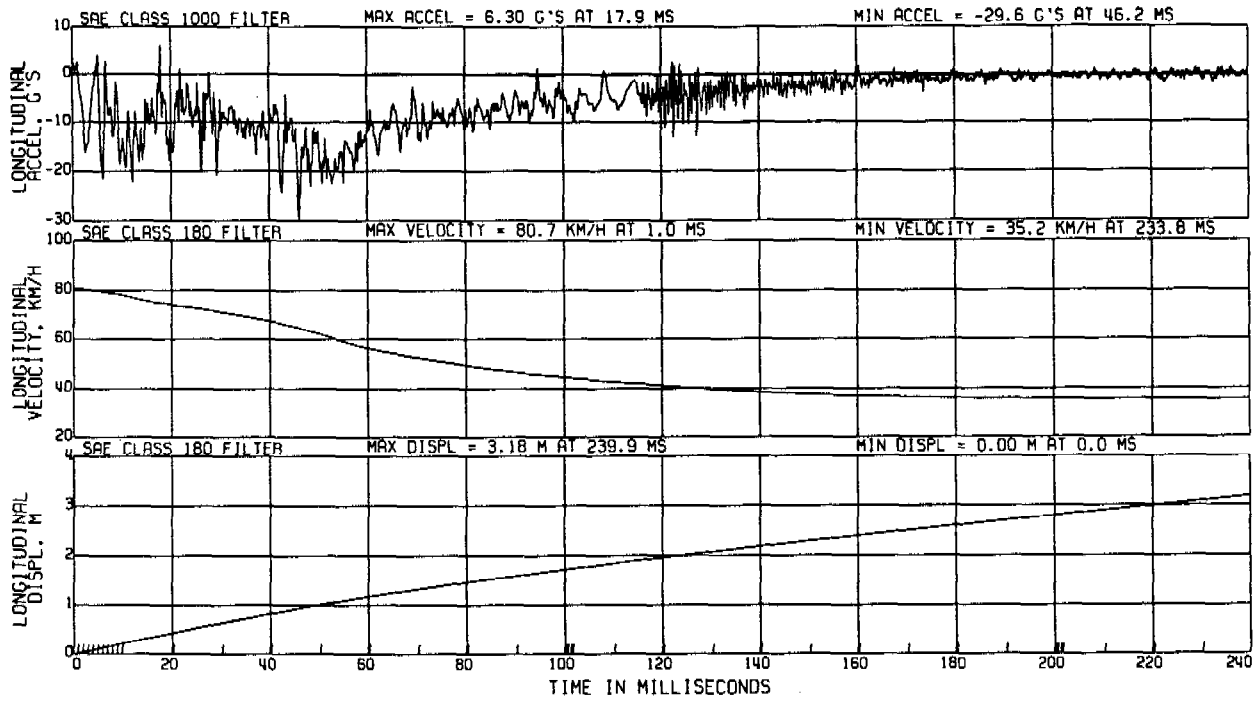
R.REAR FRAME RAIL

TEST DATE:12/18/1997



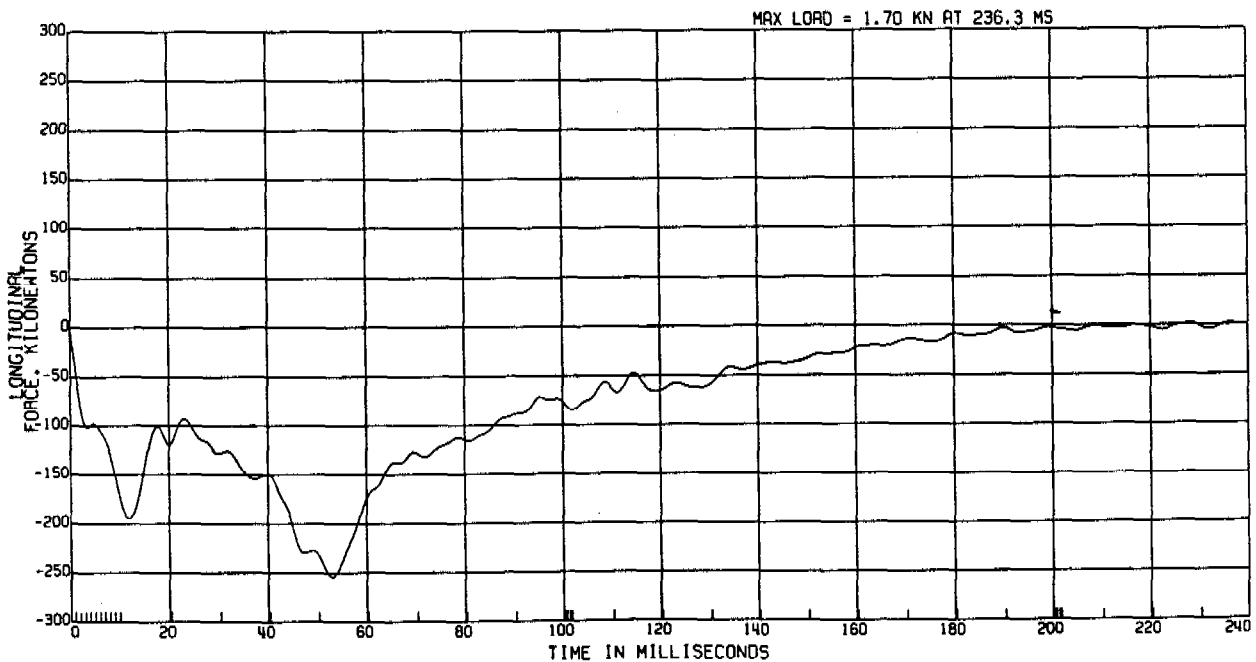
77 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR LTV MDB AT C.G. TEST DATE:12/18/1997
 ELEC DATA



78 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR LTV MDB LONG. FORCE AT C.G. TEST DATE:12/18/1997
 ELEC DATA, SAE CLASS 60 (1371.5 KG) (9.807) (LONG.ACCEL)



79 PROCESSED 12/18/1997 14:18 V2.07

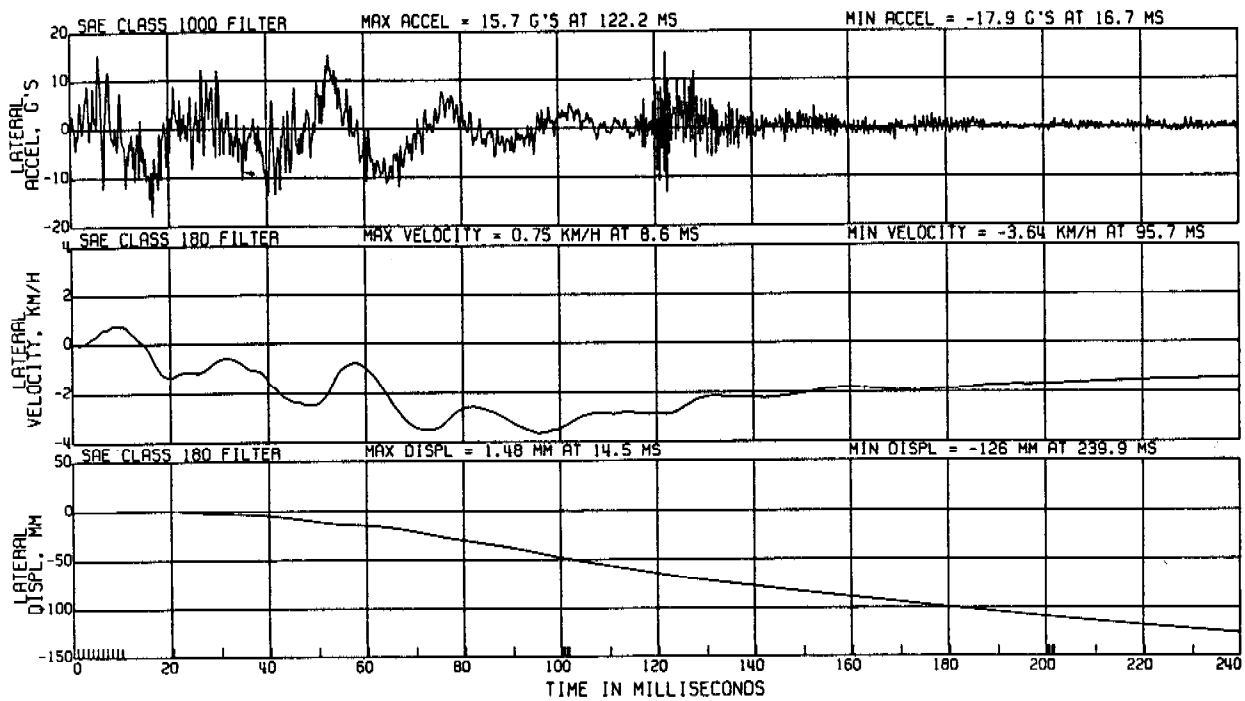
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W9185D 4-DOOR

LTV MOB AT C.G.

TEST DATE:12/18/1997



80 PROCESSED 12/18/1997 14:18 V2.07

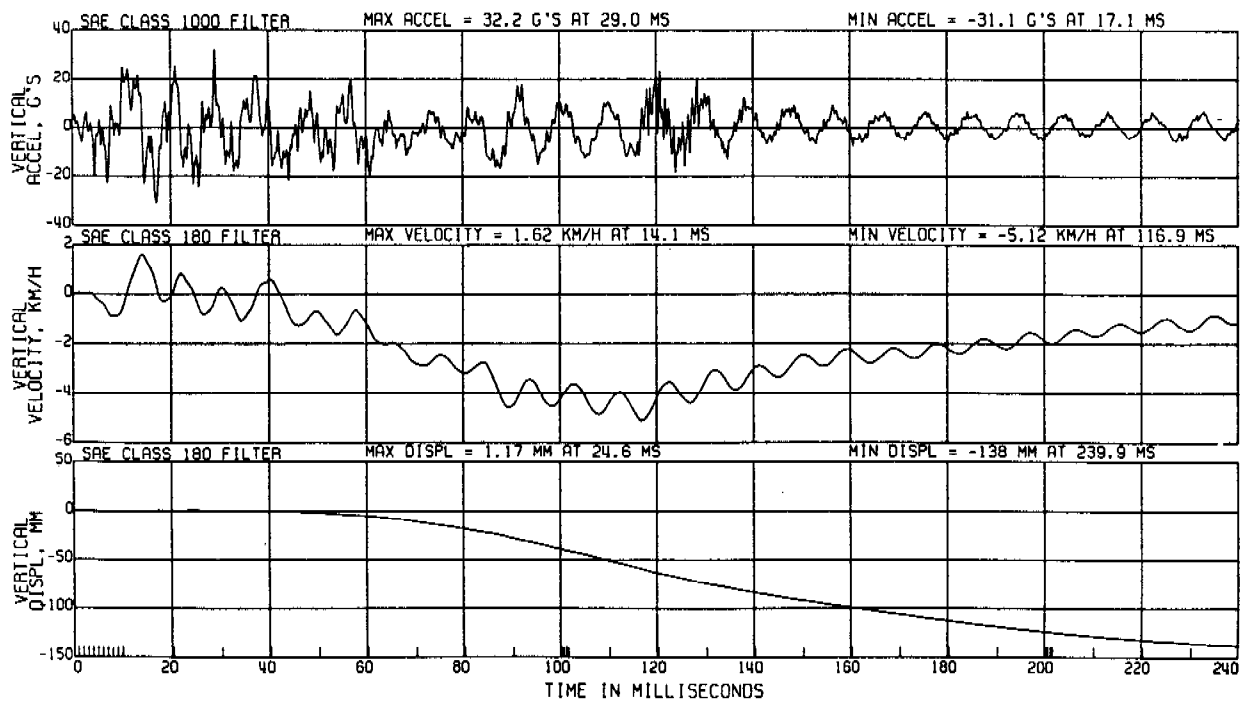
C11817 L.REAR IMP 70% OVERLAP LTV MOB TO STATIONARY VEHICLE 80.7KM/H

SC
ELEC DATA

8W9185D 4-DOOR

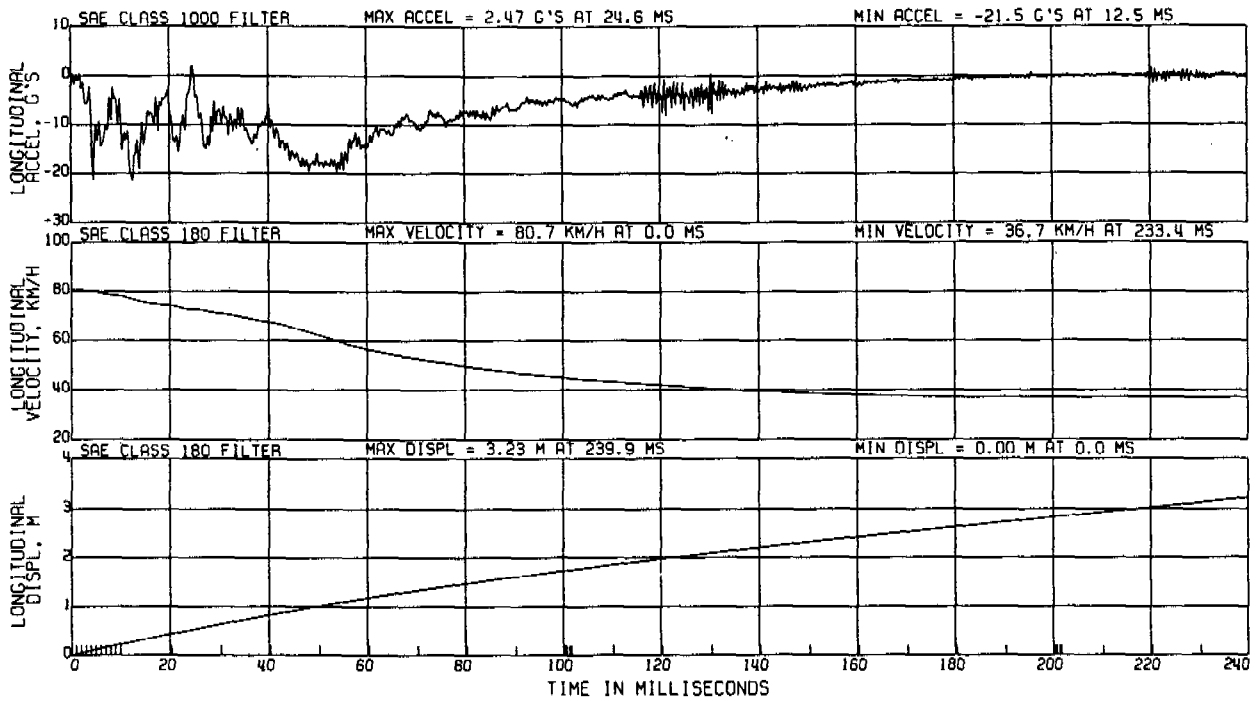
LTV MOB AT C.G.

TEST DATE:12/18/1997



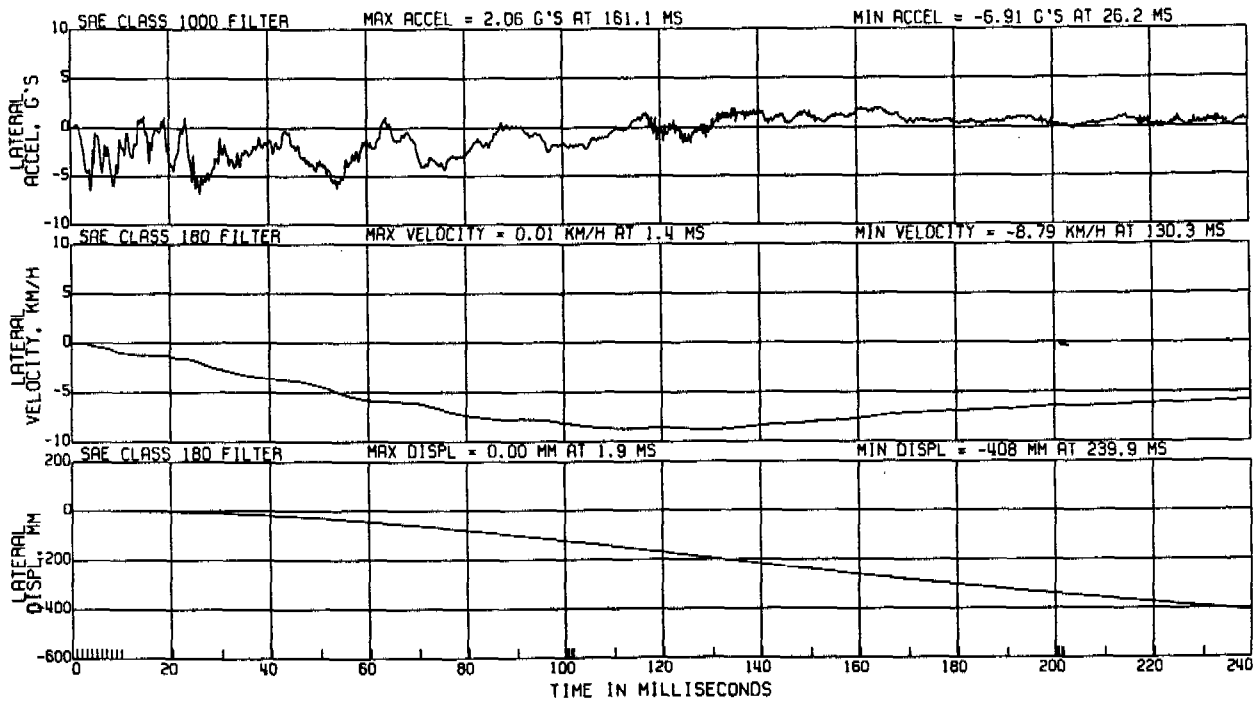
81 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR LTV MDB AT REAR C/MBR TEST DATE:12/18/1997
 ELEC DATA



B2 PROCESSED 12/18/1997 14:18 V2.07

C11817 L.REAR IMP 70% OVERLAP LTV MDB TO STATIONARY VEHICLE 80.7KM/H
 SC 8W9185D 4-DOOR LTV MDB AT REAR C/MBR TEST DATE:12/18/1997
 ELEC DATA



B3 PROCESSED 12/18/1997 14:18 V2.07

