

INFORMATION Redacted PURSUANT TO THE FREEDOM OF
INFORMATION ACT (FOIA), 5 U.S.C . 552(B)(6)

EA12-005

CHRYSLER

12-13-2012

Enclosure 6B

301 Developmental Crash

Tests Public

KJ Development Crash Test

VC11444.DOC.FOLLOW-
UP_MEASUREMENTS

FUEL SYSTEM AND STATIC ROLLOVER SUMMARY

TEST NUMBER VC11444, ITEM NUMBER 4W [REDACTED] TEST ENGINEER MANNEY

V.I.N. 1J4G6E8594W [REDACTED] TEST DATE 3/17/04, ROLL DATE 03/18/04

TEST TYPE; 30 MPH REAR TYPE IV MOVING BARRIER IMPACT

FUEL; TYPE AND QUANTITY - .767 S.G. STODDARD SOLVENT, 19.5 GALLONS

TEST SPEED 30.4 MPH, TEST WEIGHT 5128 POUNDS.

POST IMPACT LEAKAGE (OZ); AT IMPACT 0

1ST 5 MIN. 0

NEXT 25 MIN. 0

POST TEST PRESSURE CHECK N/A

ELECTRIC FUEL PUMP RUN N/A

[] NO STATIC ROLL PERFORMED

STATIC ROLL LEAKAGE WITH VEHICLE Left SIDE DOWN FIRST

FUEL LEAKAGE LOCATIONS DURING STATIC ROLL

ROLL TIME					TOTAL
0-90	1ST 5 MIN				0 *
2:01	POST 5 MIN				0 **
90-180	1ST 5 MIN				0 *
1:45	POST 5 MIN				0 **
180-270	1ST 5 MIN				0 *
1:37	POST 5 MIN				0 **
270-360	1ST 5 MIN				0 *
1:36	POST 5 MIN				0 **

* OUNCES IN 5 MINUTES, ** OUNCES PER MINUTE

POST TEST FUEL SYSTEM OBSERVATIONS

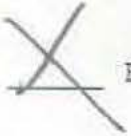
EA12-005
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Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.DOC.TEST_REPOR
T_RECORDS

VEHICLE ATTITUDE

TEST NUMBER VC11444

TEST ENGINEER MANNEY

ITEM NUMBER 4W [REDACTED]



FENDER/WHEELWELL HEIGHTS

_____ SILL HEIGHTS

AS RECEIVED

AS BUILT-UP

AS TESTED

	LF	LR	RF	RR
AS RECEIVED	32.2	32.8	32.5	33.0
AS BUILT-UP				
AS TESTED	X	31.4	31.4	31.3

X, Y, Z DIMENSIONS

TEST NUMBER VC11444

TEST ENGINEER MANNEY

ITEM NUMBER 4W [REDACTED] V.I.N. 1J4G6E8594W [REDACTED]

TEST TYPE: 30 MPH REAR TYPE IV MOVING BARRIER IMPACT

LOCATION	X	Y	Z	LOCATION	X	Y	Z
BC1	0	0.0	XXXX	BC2	165.7	0.0	XXXX
U1	104.5	-18.7	10.7	U2	104.7	18.8	10.6
U3	122.5	-9.8	17.9	U4	123.2	8.4	18.1
U5	129.2	-0.3	8.6	U6	137.2	19.7	21.7
U7	137.8	-19.2	22.0	U8	143.4	6.8	11.3
U9	142.3	-3.2	11.7	U10	151.5	6.2	11.3
U11	151.4	-3.0	11.2	U12	150.6	19.2	21.8
U13	149.2	-19.1	22.0				
				UC1	169.3	0	16.6
LAP	53.2	50-23.1 27.9	49.7				
LFS	58.8	50- 32.3	12.6	REAR OF SPARE TIRE	176.7	0	/
LMS	86.8	50- 32.0	13.1				
LRW	132.2	50- 34.0	13.6				

T.E. INITIALS: X & Y JPM, Z _____, TRAMMELS: PRE JPM, POST _____

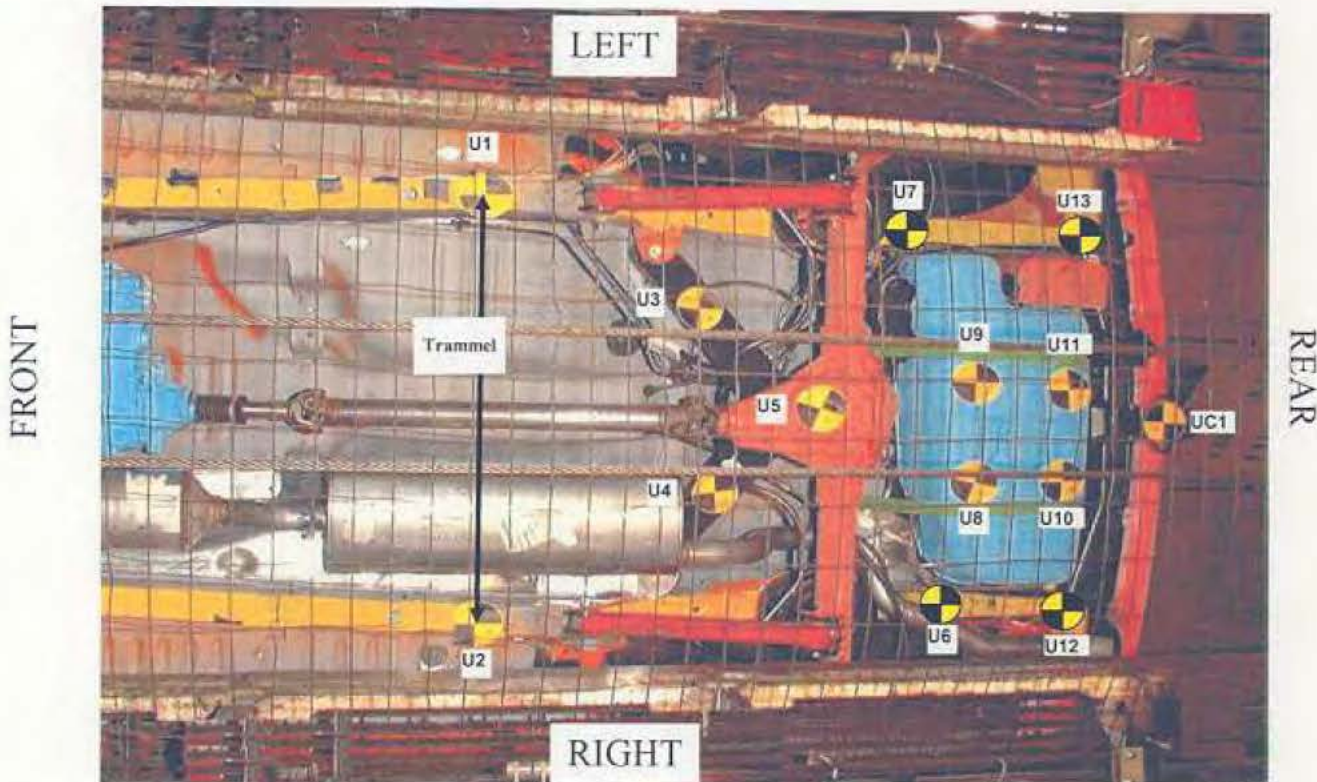
TRAMMEL DIMENSIONS;

LFS-LMS PRE 29.70 U1-U2 37.33
POST 29.66

Underbody Rear Impact

ALL REAR IMPACT TEST MODES

Visibility Approved: DGL / 05/03/1999
 Approved for CPG Use: GAB /05/03/1999
 Impact Analysis Engineer: ASD 09/06/02
 ASD T/L:722-1916; PAGER 586-898-4235



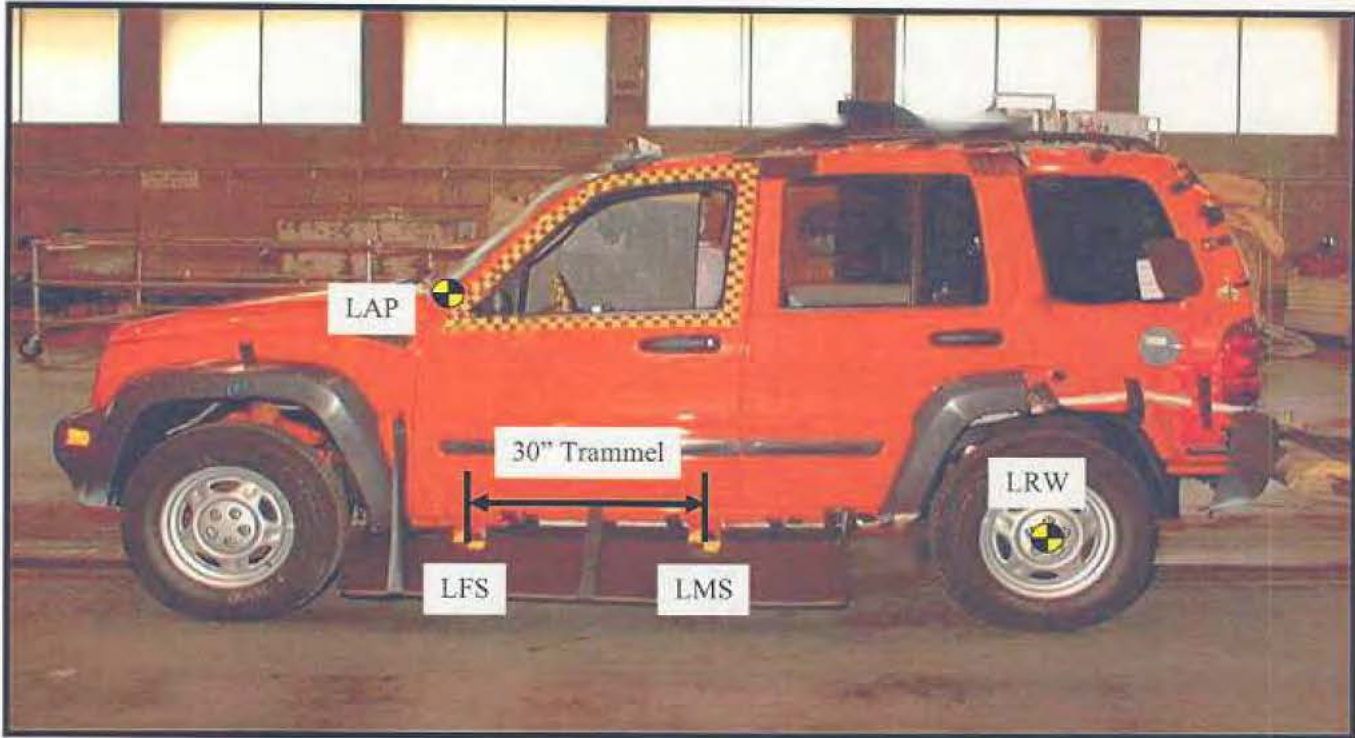
Guidelines to Placement of Critical Targets:

ITEM	COMMENTS
U1 & U2	5.5" IN FRONT OF FORWARD EDGE OF CONTROL ARM MOUNTING BRACKET.
U3 & U4	CENTER OF UPPER SWING ARMS.
U5	ON CENTER OF REAR DIFFERENTIAL
U12 & U13	END OF RAILS AT REAR BUMPER CROSSMEMBER
U6	14" FORE OF U12
U7	ON LEFT RAIL 16" FORWARD OF U13
U8,U9,U10 & U11	IN SQUARE PATTERN, INSIDE STRAPS ON BOTTOM SURFACE OF THE FUEL TANK
UC1	CENTERED ON REAR BUMPER CROSSMEMBER

Left Side Rear

Visibility Approved: DGL / 05/03/1999
Approved for CPG Use: GAB /05/03/1999
Impact Analysis Engineer: ASD 09/06/02
ASD T/L:722-1916; PAGER 586-898-4235

ALL REAR IMPACT TEST MODES



Guidelines to Placement of Critical Targets:

ITEM	COMMENT
LMS	BOTTOM OF B-POST ON SILL
LFS	30" FORE OF LMS
LRW	CENTER OF REAR WHEEL
LAP	4" UP FROM BOTTOM OF WINDSHIELD ON A-POST

Test VC11444

Last Requester Update
Last Check

03/15/2004 09:16:08 AM EST
3/15/2004 2:56:10 PM

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED] 05 KJ, USA 301-REAR DEVELOPMENT TEST TEST DATE 03/15/04

Analysis	Camera	Lens	Sync	F Stop	HGacq	Pal	Clb	Skt
1 <input checked="" type="checkbox"/>	LEFT HIGH TARGETS				DCR,			
	534	Locam EDMS	13	mm	105432	KIN		250
	System Error							
2 <input checked="" type="checkbox"/>	LEFT LOW TARGETS				DCR,			
	533	Locam EDMS	13	mm	102916	KIN		250
3 <input checked="" type="checkbox"/>	PIT NORTH MID TARGETS				UBR,			
	535	Locam EDMS	10	mm	V7928	CSC		250
	System Error							
4 <input checked="" type="checkbox"/>	PIT SOUTH REAR TARGETS				UBR,			
	536	Locam EDMS	10	mm	V7929	CSC		250
	System Error							
5 <input type="checkbox"/>	CATWALK VEHICLE REAR MDB INTERACTION							
	1	HG2000	ZOOM	mm	#1	CAN		250
6 <input type="checkbox"/>	LEFT OVERALL							
	7	HG2000	ZOOM	mm	#4	CAN		250
7 <input type="checkbox"/>	PIT FUEL FILLER TUBE							
	9	HG2000	ZOOM	mm	#5	CAN		250
8 <input type="checkbox"/>	PIT FUEL TANK							
	17	HG2000	9	mm	102313	KIN		250
	VIEW TO SHOW ENTIRE TANK PLUS AXLE AND REAR CROSS MEMBER							
9 <input type="checkbox"/>	RIGHT OVERALL							
	6	HG2000	ZOOM	mm	#6	CAN		250
10 <input checked="" type="checkbox"/>	VELOCITY HG2000				VEL,			
	18	HG2000	ZOOM	mm	#8	CAN		250

In Addition to Default Print:

ORIGINAL ORDER

EA12-005- Chrysler -005645

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.EDP.LETTER Public

DATE 03/17/04
TIME 12:11:59.

ELECTRONIC DATA PROCESSING
EDP TEST LETTER

VEHICLE CRASH ENGINEERING
DEPT 5320

VC11444 ITEM 4W [REDACTED]
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
TEST DATE 03/17/04
TEST SITE CPG

TEST PURPOSE PRIMARY, 2005 USA 301-REAR DEVELOPMENT

IMPACT TYPE TARGET SPEED; 48.3 KPH
DAMAGE LOCATION; REAR (FULL)
BARRIER TYPE; REAR TYPE IV
BARRIER SURFACE; PLYWOOD

VEHICLE BODY CLASS; KJ
CAR LINE; J
BODY; 74
ENGINE; 2.8L DIESEL LITER
ENGINE NOTE;
TRANSMISSION;
TRANS. NOTE;
VIN AS TESTED; 1J4G6E8594W [REDACTED] MOD.
VIN AS BUILT; 1J4G6E8594W [REDACTED] MOD.

TEST SPEED 48.95 KPH BY TRAP AVERAGE

TEST WEIGHT (KG) 2328 TOTAL, 1228 FRONT, 1100 REAR

OCCUPANTS 1L - 50TH MALE BALLAST HYBRID 2, 0 - CH AD-47
RESTRAINT- 3-PT UNIBELT ONLY
1R - 50TH MALE BALLAST HYBRID 2, 0 - CH AD-59
RESTRAINT- 3-PT UNIBELT ONLY

BUILD CONDITION

TARGET WEIGHT (KG) 2324 TOTAL, 1232 FRONT, 1092 REAR
INCLUDING BALLAST AND OCCUPANTS

FUEL AND BALLAST 73.8 LITERS STODDARD SOLVENT
136.1 KG BALLAST WEIGHT SECURED IN CARGO AREA
249.5 KG ADDITIONAL BALLAST WEIGHT ADDED
BAGS ON REAR FLOOR

DATE 03/17/04
TIME 12:11:59.

ELECTRONIC DATA PROCESSING
EDP TEST LETTER

VEHICLE CRASH ENGINEERING
DEPT 5320

VC11444 ITEM 4W [REDACTED]
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
TEST DATE 03/17/04
TEST SITE CPG
EDP TECHNICIAN S. MARCHENIA

No. of Pages 56
CC

S. MARSH 514-17-39
M. STEBELTON 422-05-01

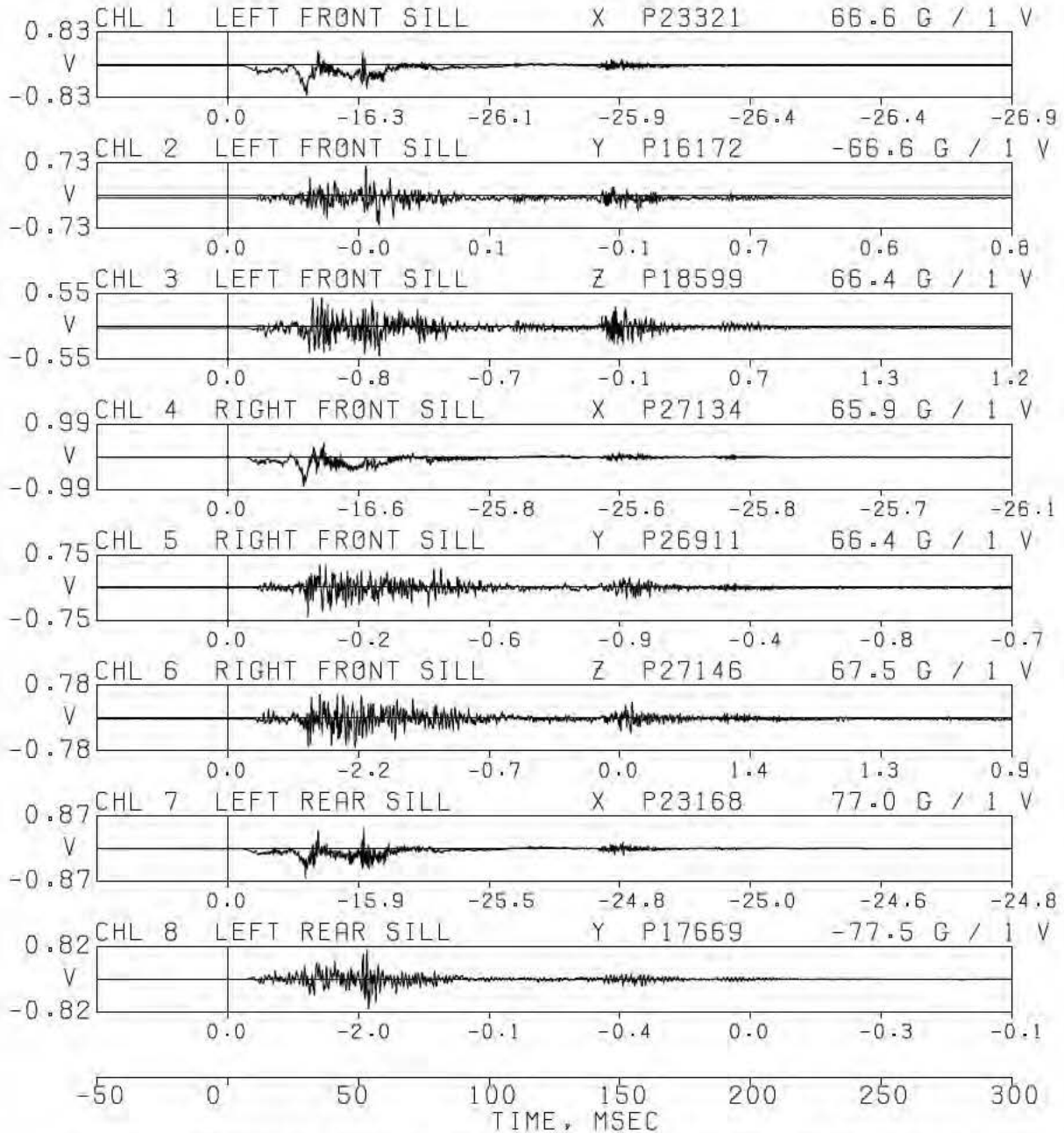
EA12-005
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12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.EDP.REPORT

TRANSDUCER SUMMARY REPORT

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

DATA SET 03/17/04BA
ERRATA 1

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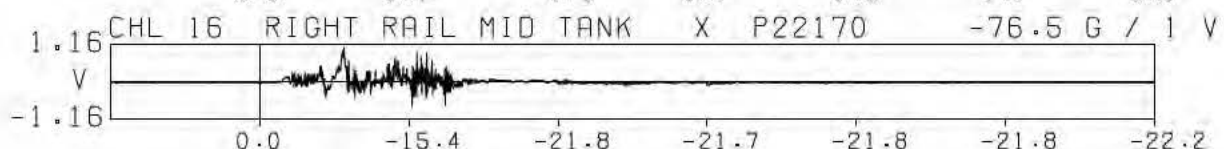
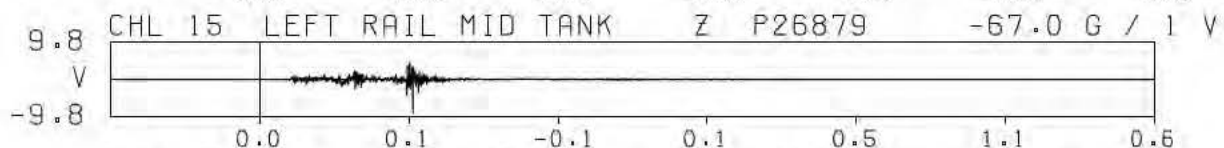
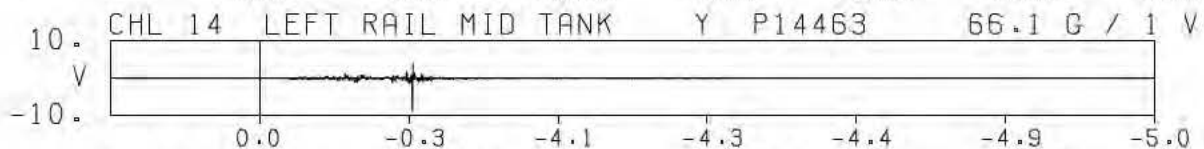
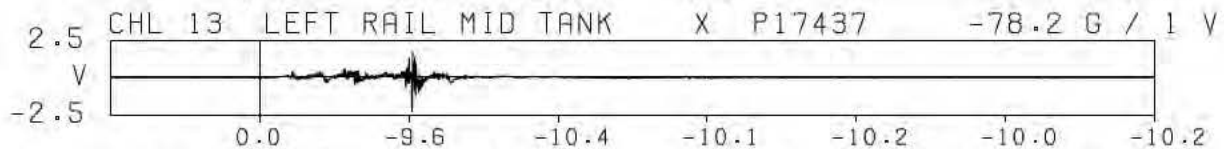
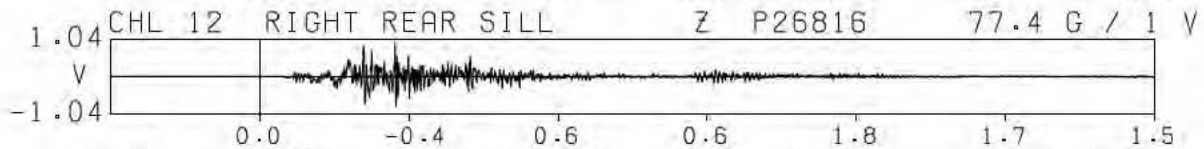
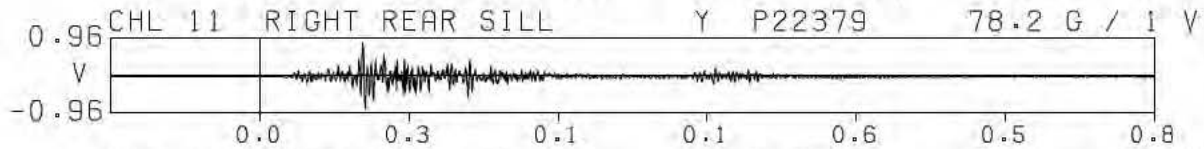
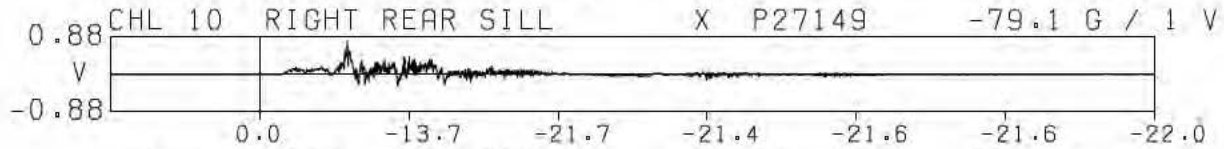
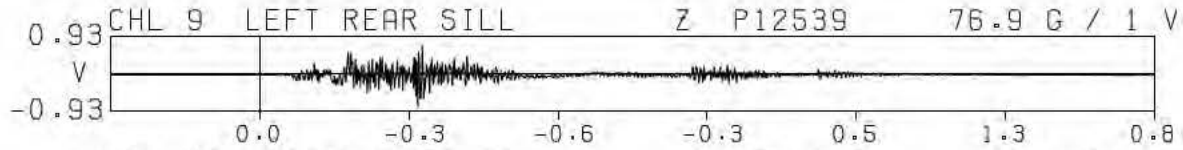
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TRANSDUCER SUMMARY REPORT

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W
 05 KJ, USA 301-REAR DEVELOPMENT TEST
 IMPACT ANALYSIS DEPT. 5320
 MAR 17, 2004

DATA SET 03/17/04BA
 ERRATA 1

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-50 0 50 100 150 200 250 300
 TIME, MSEC

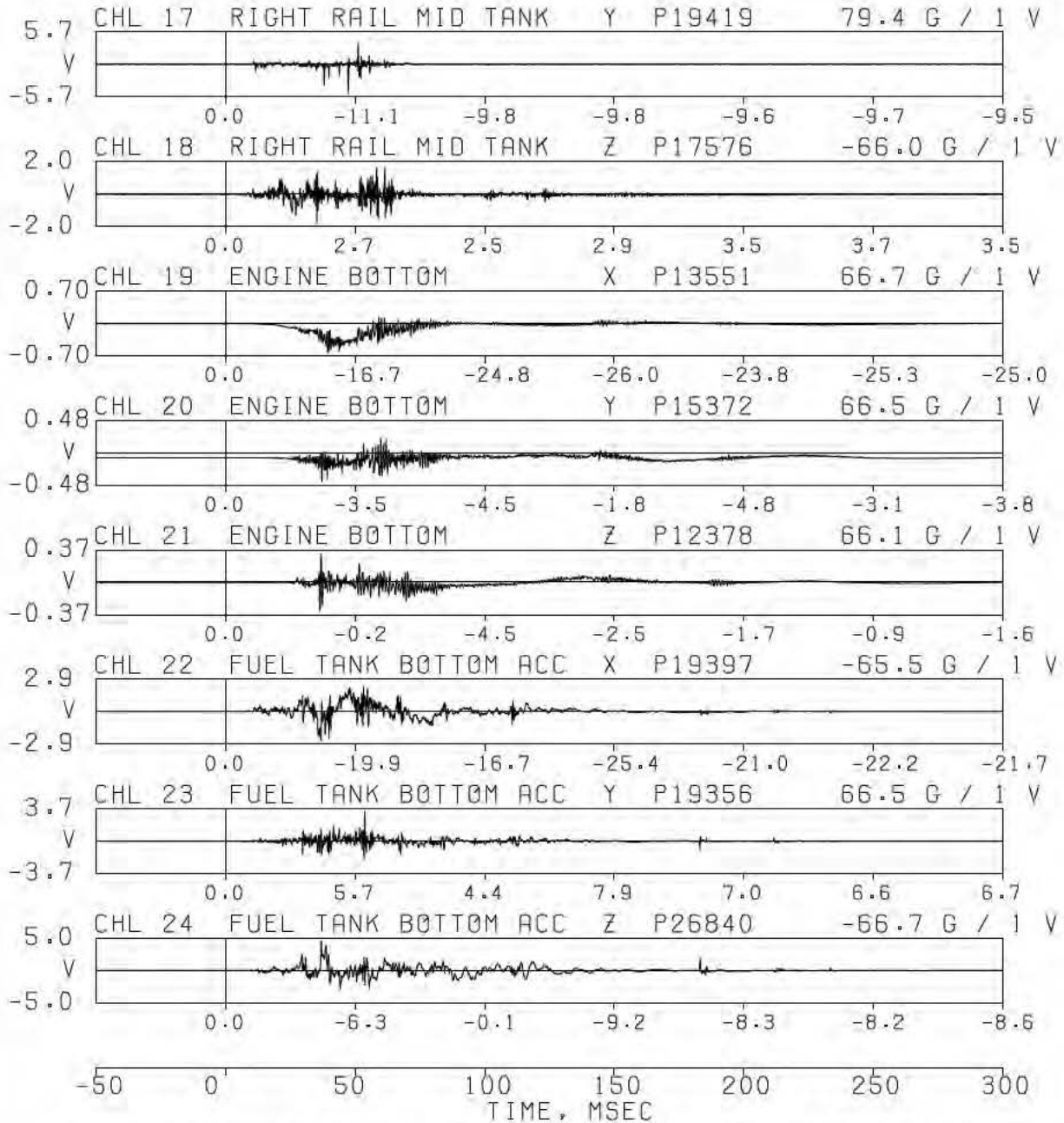
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TRANSDUCER SUMMARY REPORT

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
 05 KJ, USA 301-REAR DEVELOPMENT TEST
 IMPACT ANALYSIS DEPT. 5320
 MAR 17, 2004

DATA SET 03/17/04BB
 ERRATA 1

-50 0 50 100 150 200 250 300



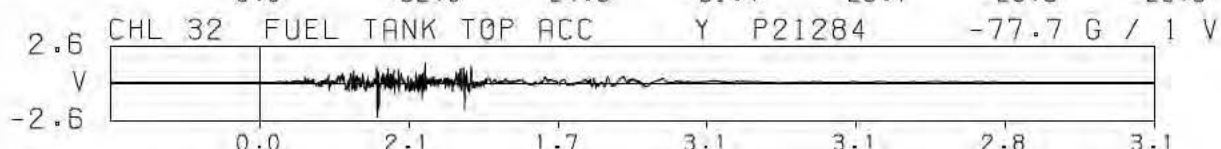
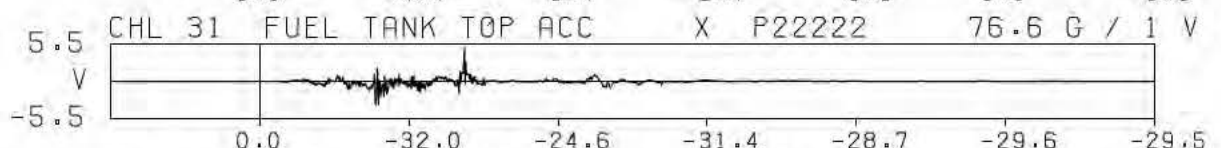
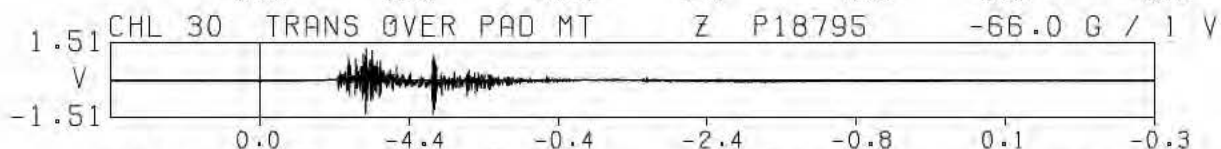
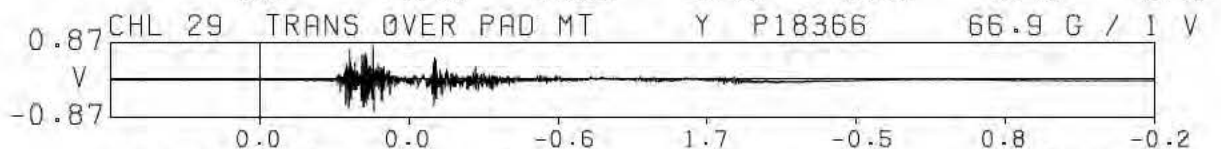
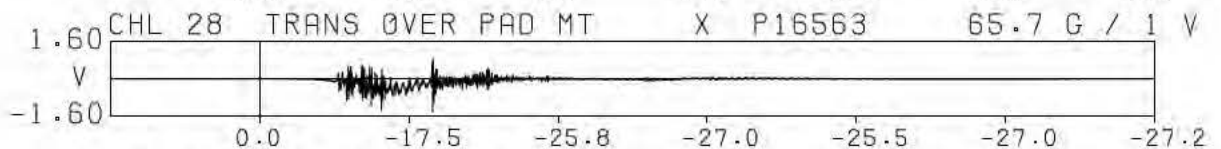
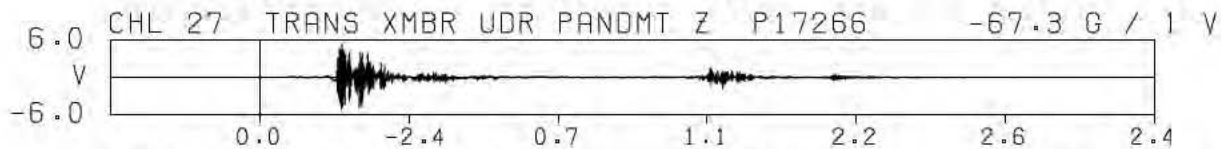
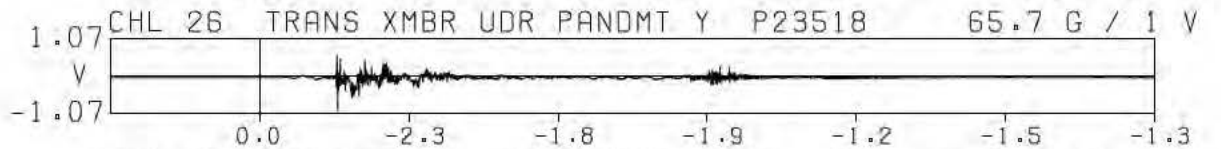
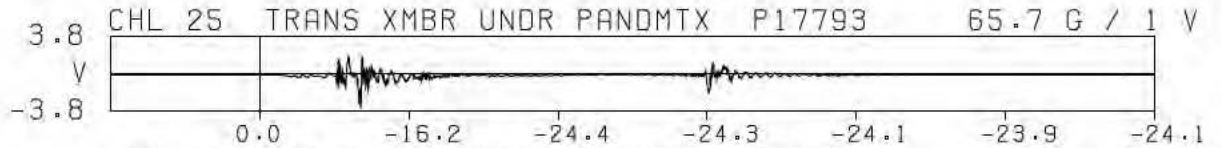
NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W
05 KJ, USA 301-REAR DEVELOPMENT TEST
IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

DATA SET 03/17/04BB
ERRATA 1

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TIME, MSEC

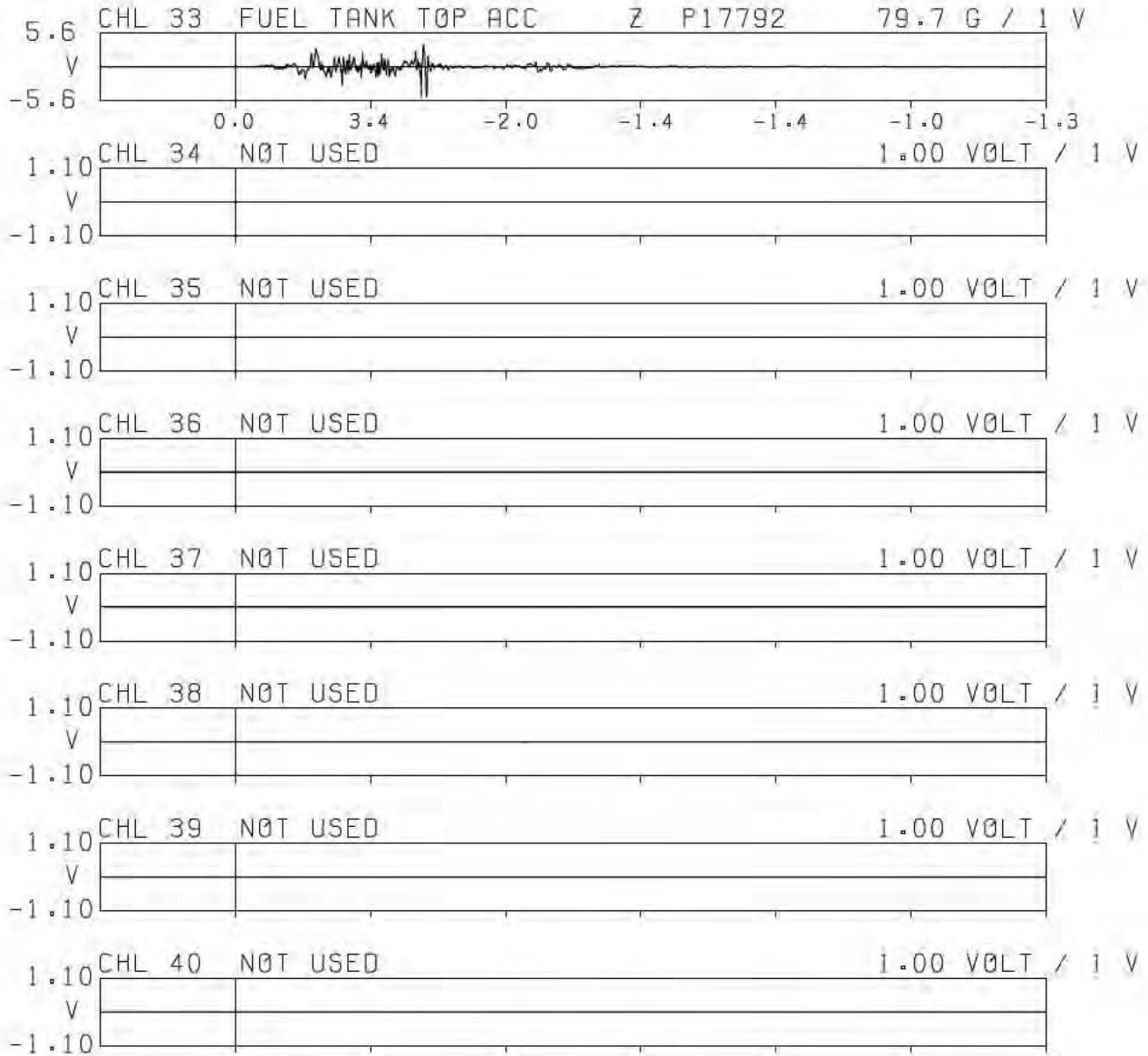
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EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W
05 KJ, USA 301-REAR DEVELOPMENT TEST
IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

DATA SET 03/17/04BC
ERRATA 1

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TIME, MSEC

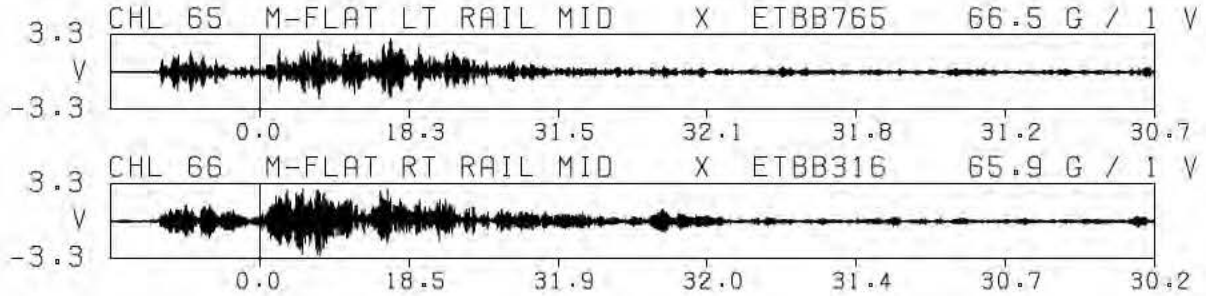
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EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W
05 KJ, USA 301-REAR DEVELOPMENT TEST
IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

DATA SET 03/17/04BE
ERRATA 1

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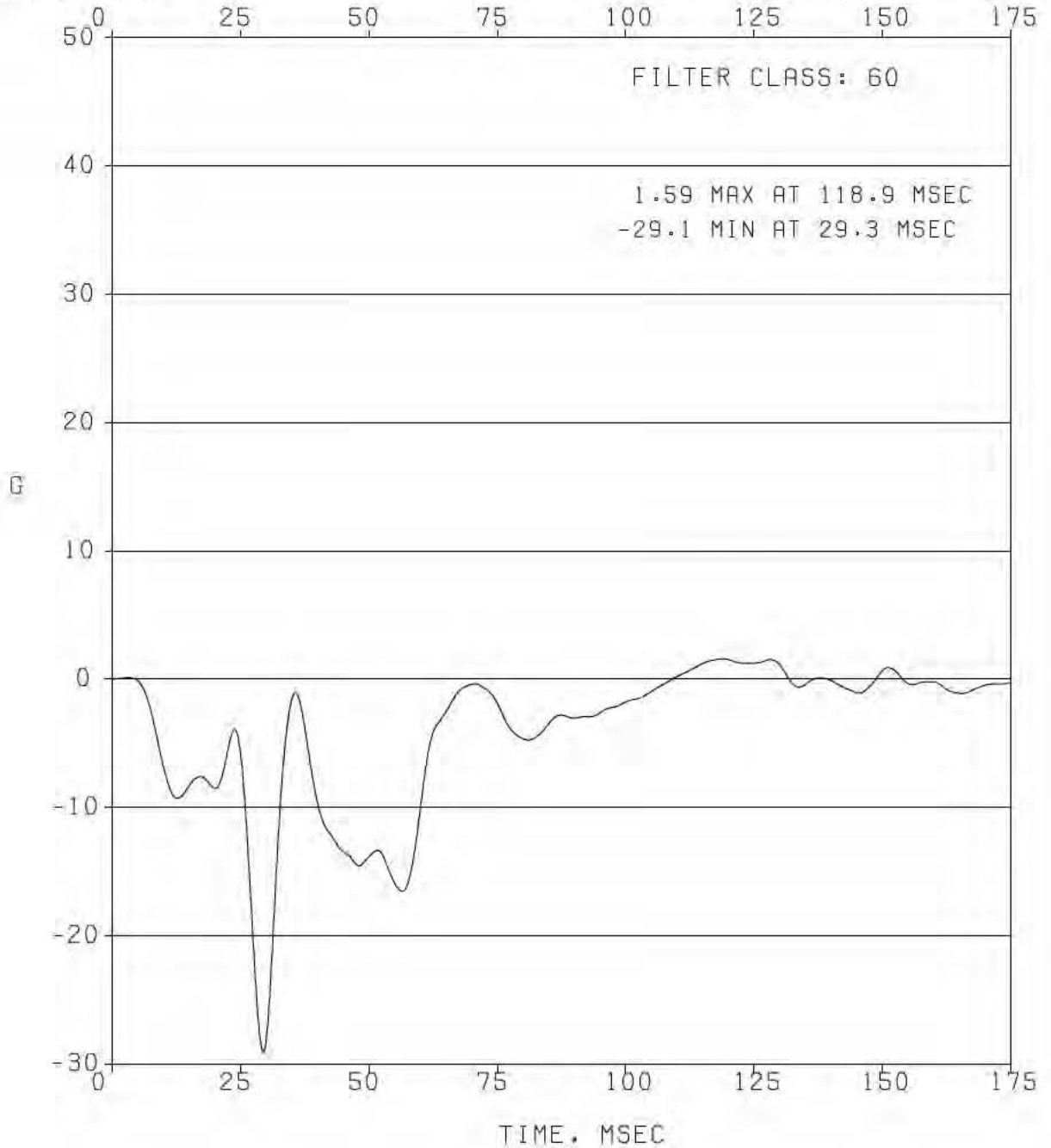
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TIME, MSEC

NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW
EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
AVERAGE OF

CHANNEL 001	LEFT FRONT SILL	X	P23321
CHANNEL 004	RIGHT FRONT SILL	X	P27134
CHANNEL 007	LEFT REAR SILL	X	P23168
CHANNEL 010	RIGHT REAR SILL	X	P27149

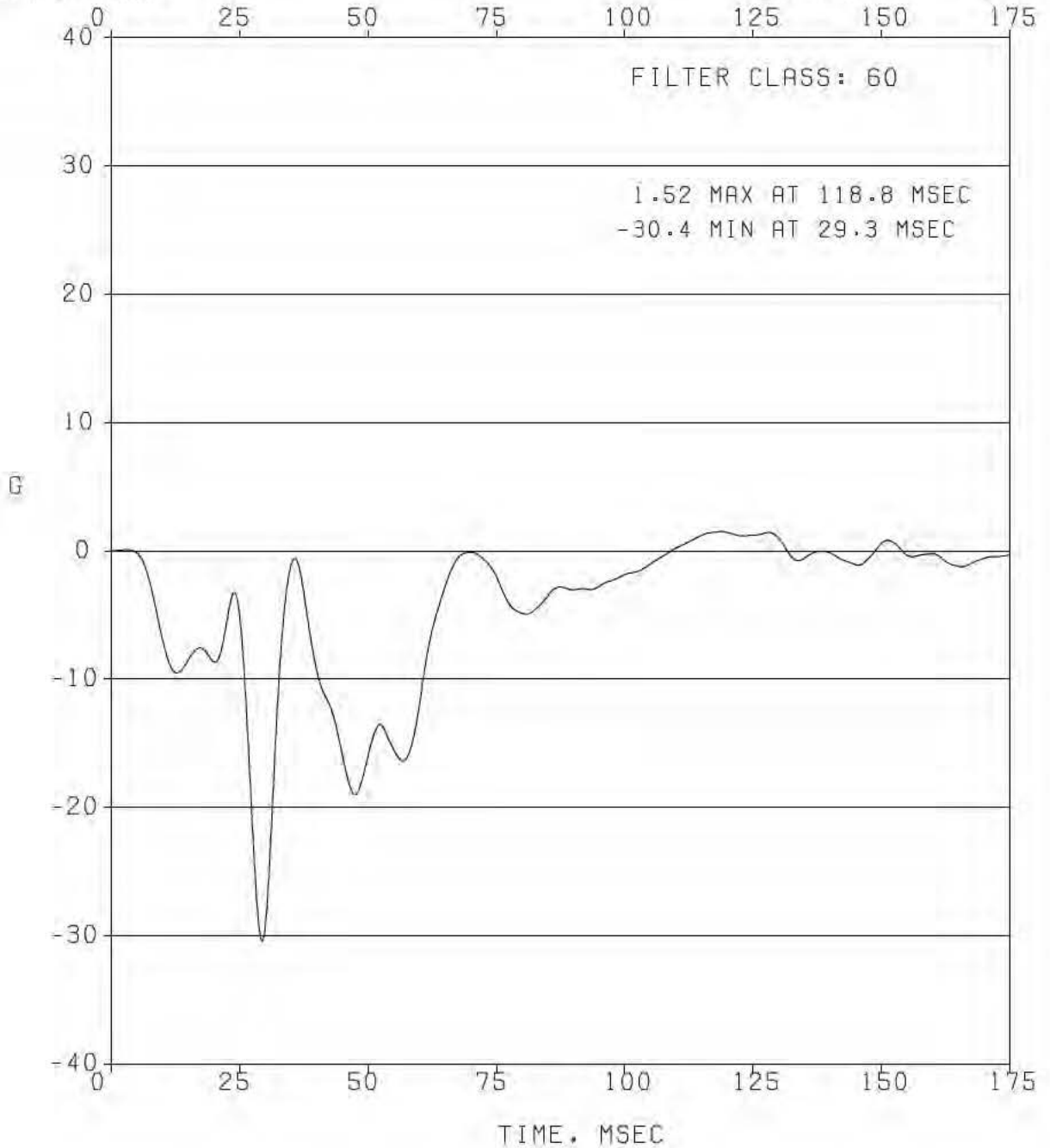
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IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17.2004 ERRATA 1



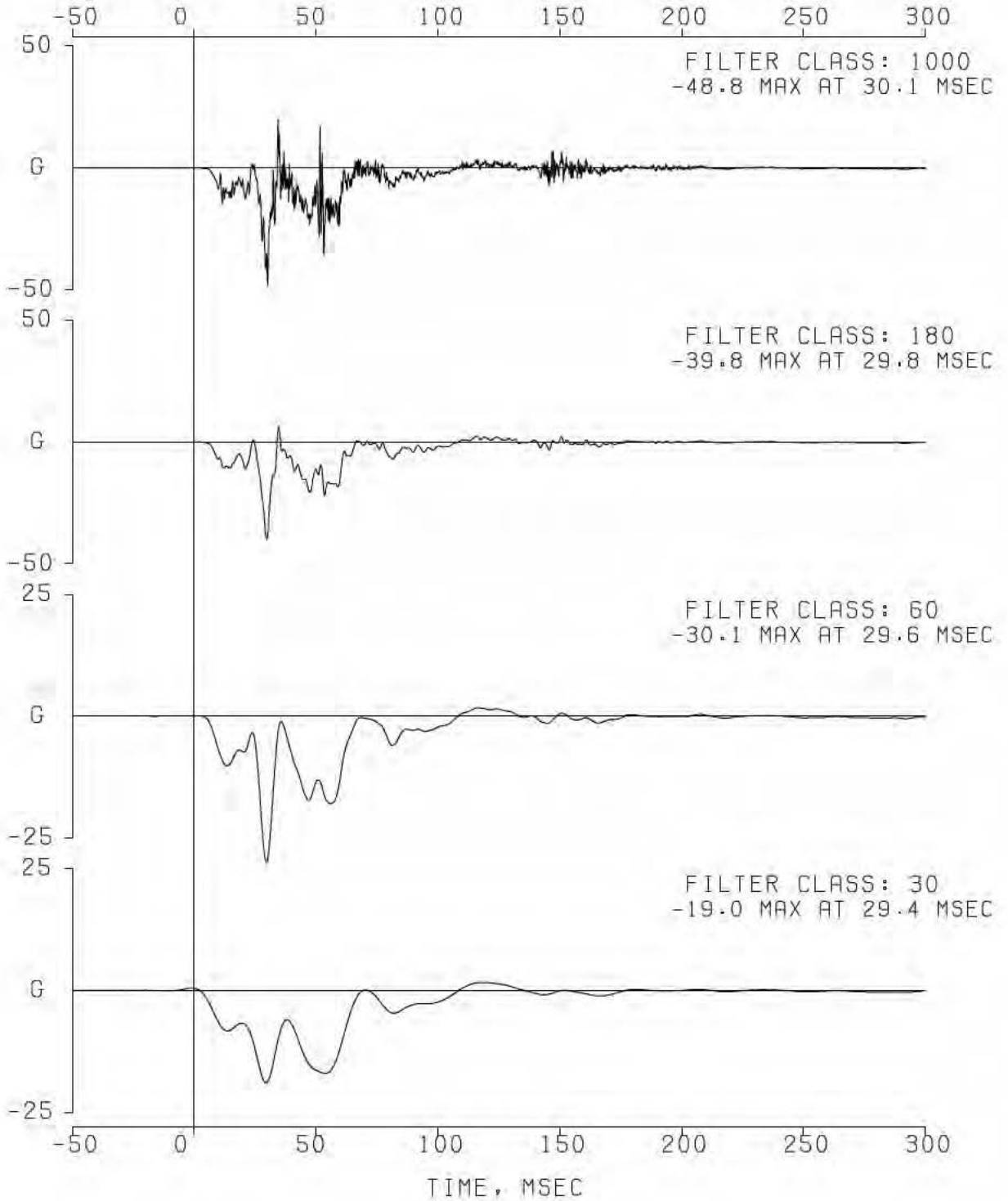
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W
05 KJ, USA 301-REAR DEVELOPMENT TEST
AVERAGE OF

CHANNEL 001 LEFT FRONT SILL X P23321
CHANNEL 004 RIGHT FRONT SILL X P27134

FILTER TYPE: PHASELESS, 4 POLE BUTTERWORTH, 2-PASS (99.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17.2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 001 LEFT FRONT SILL X P23321
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IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1

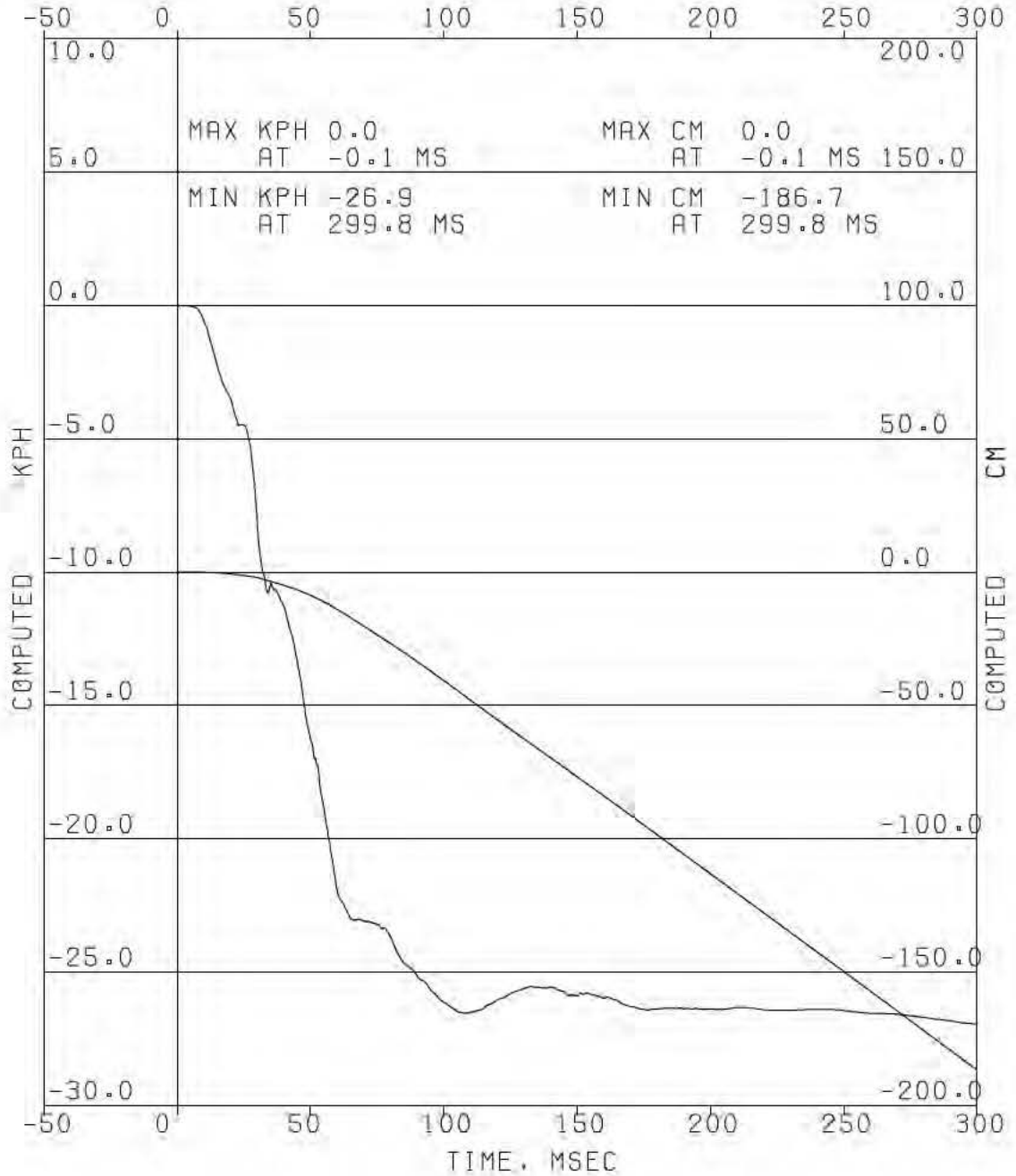


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 001 LEFT FRONT SILL X P23321

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

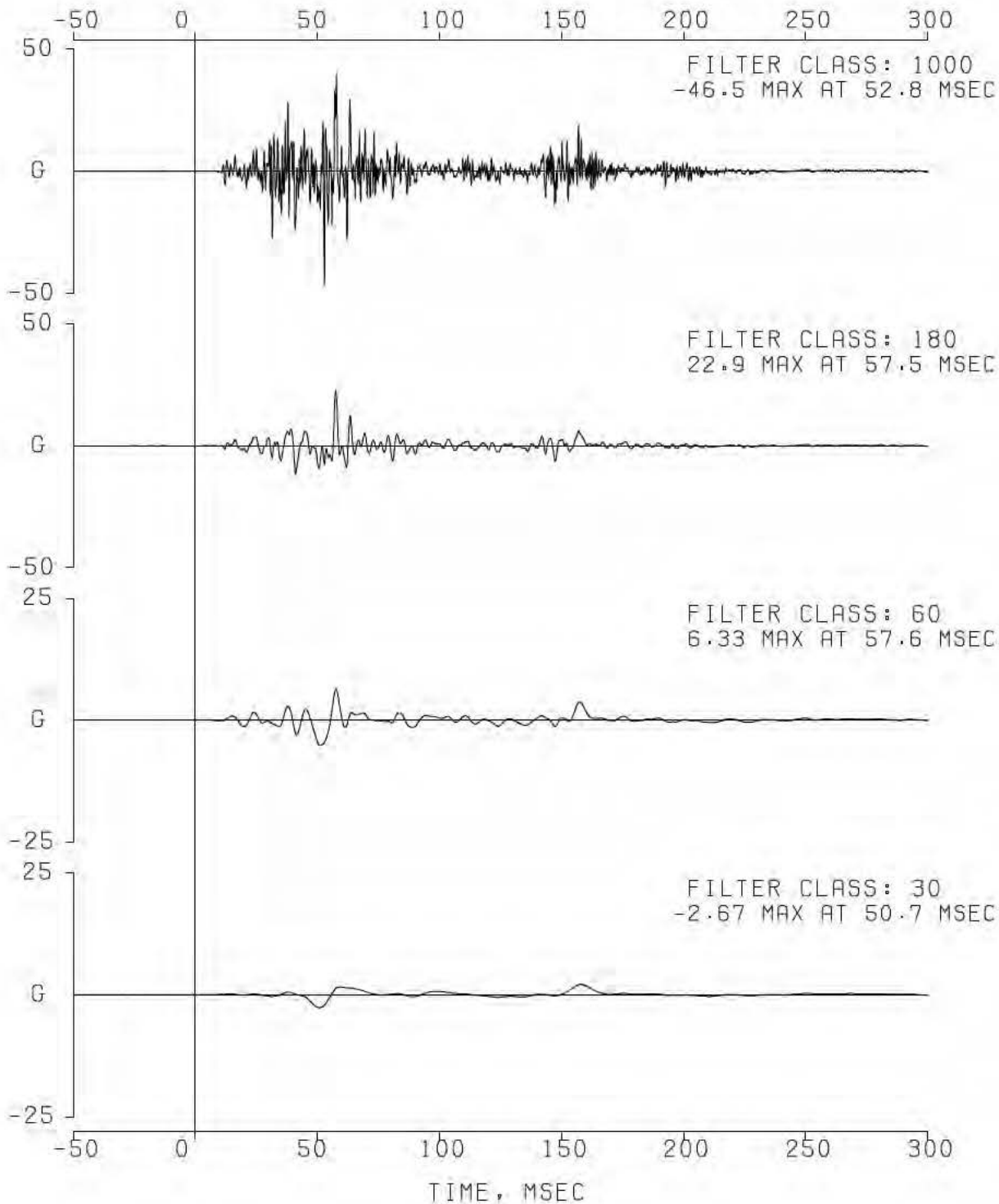
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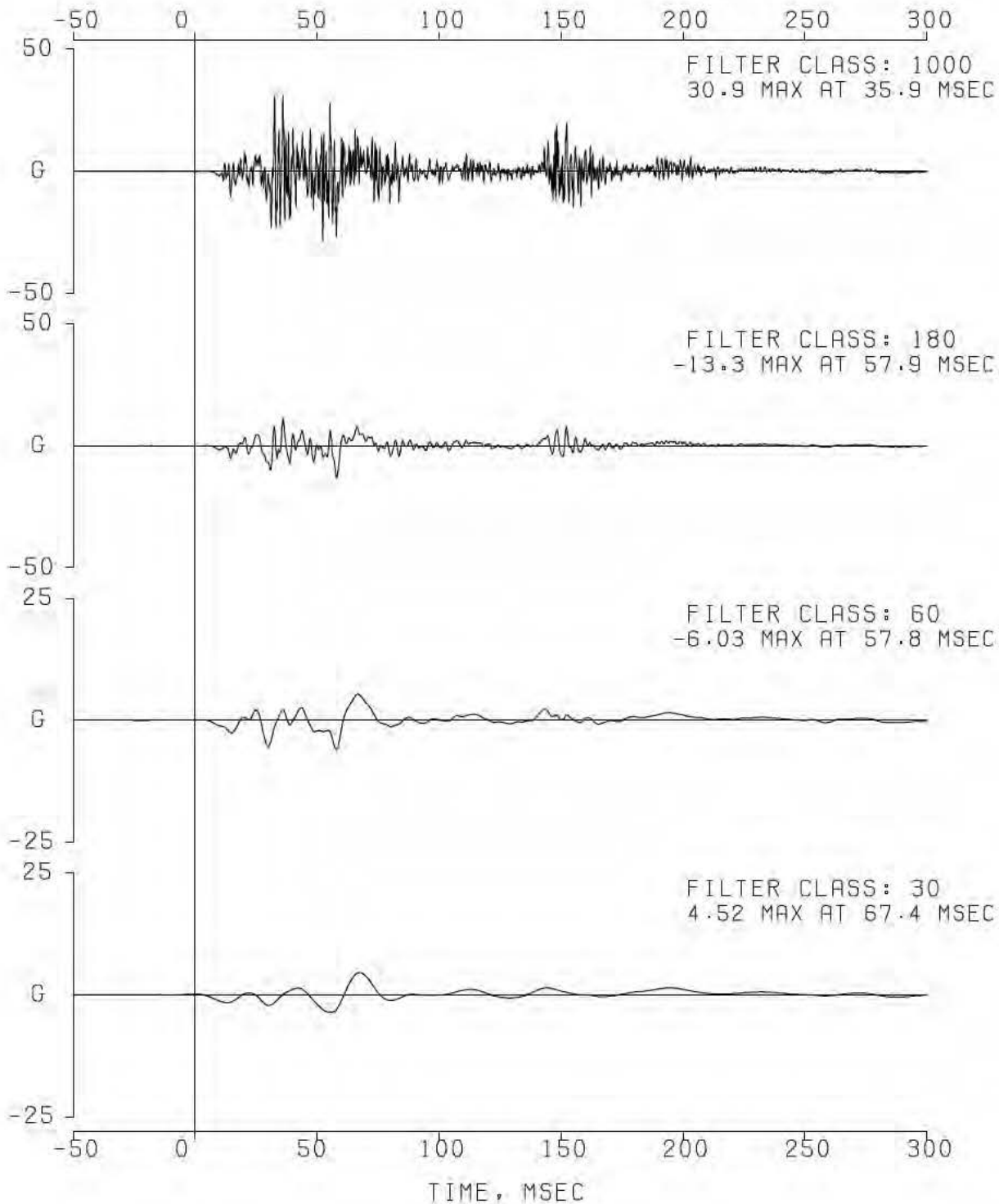
EA12-005- Chrysler -005655

COMPUTED KPH
COMPUTED CM

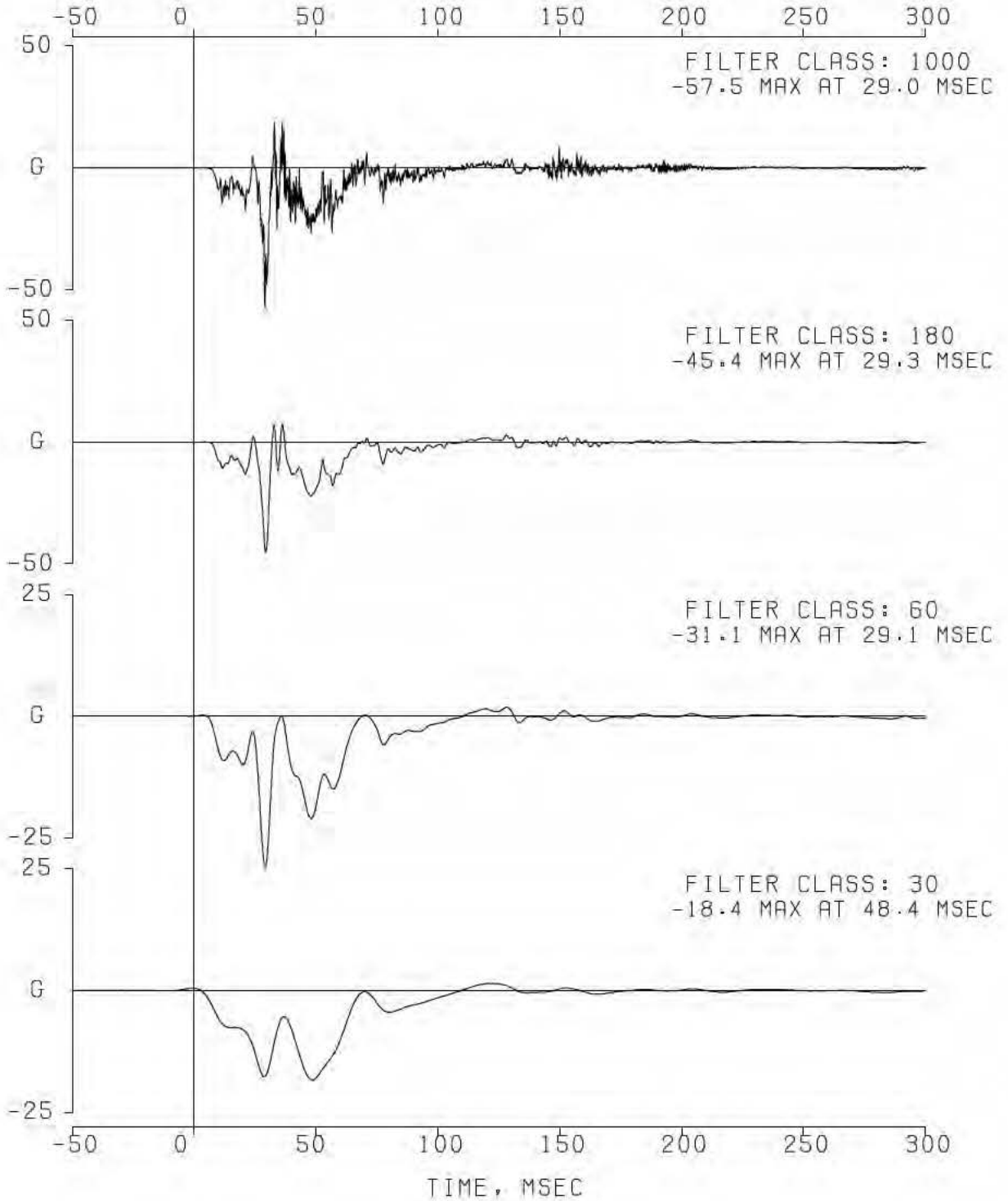
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05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 002 LEFT FRONT SILL Y P16172
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IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 003 LEFT FRONT SILL Z P18599
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 004 RIGHT FRONT SILL X P27134
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA)

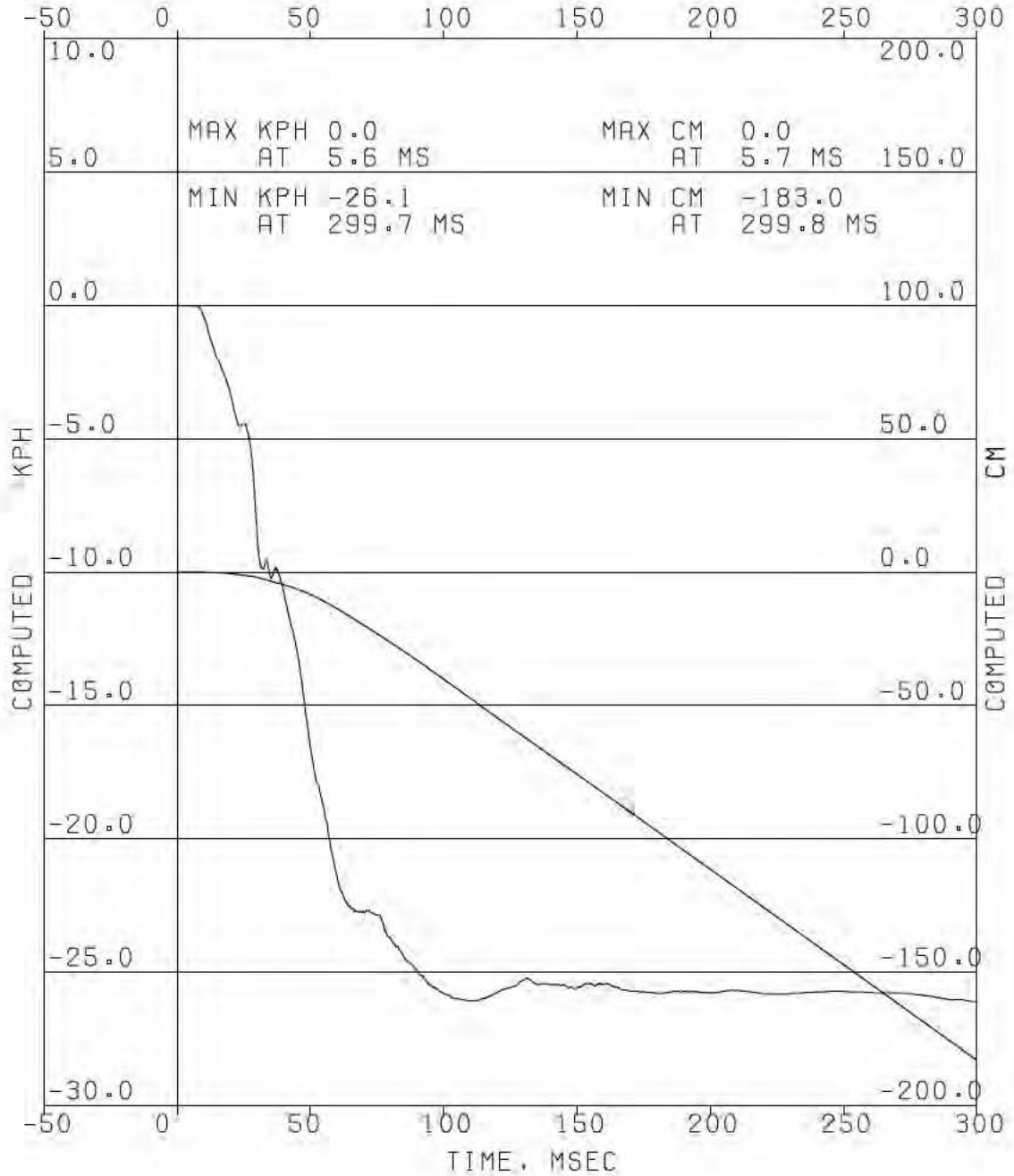


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 004 RIGHT FRONT SILL X P27134

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

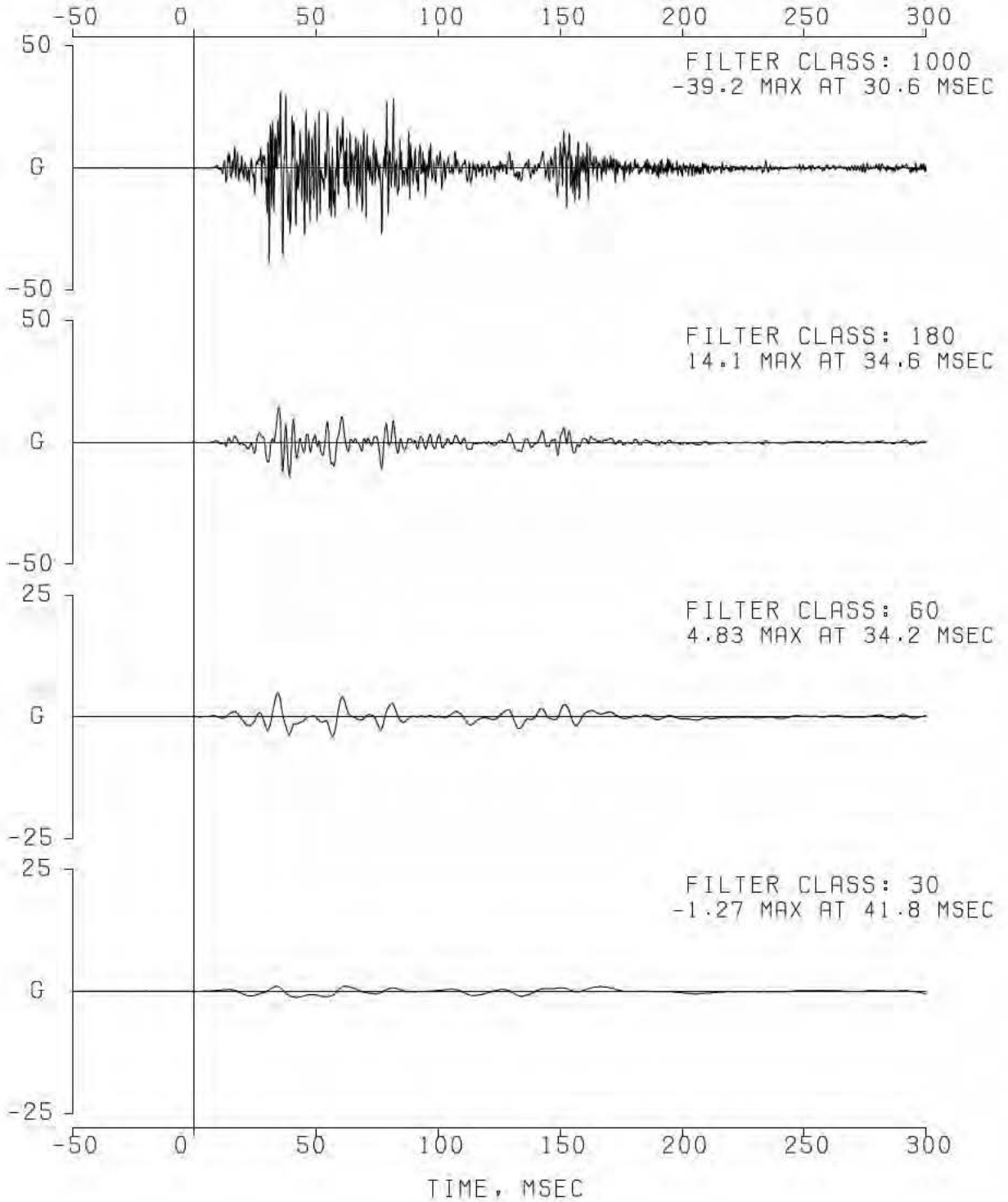
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ERRATA 1



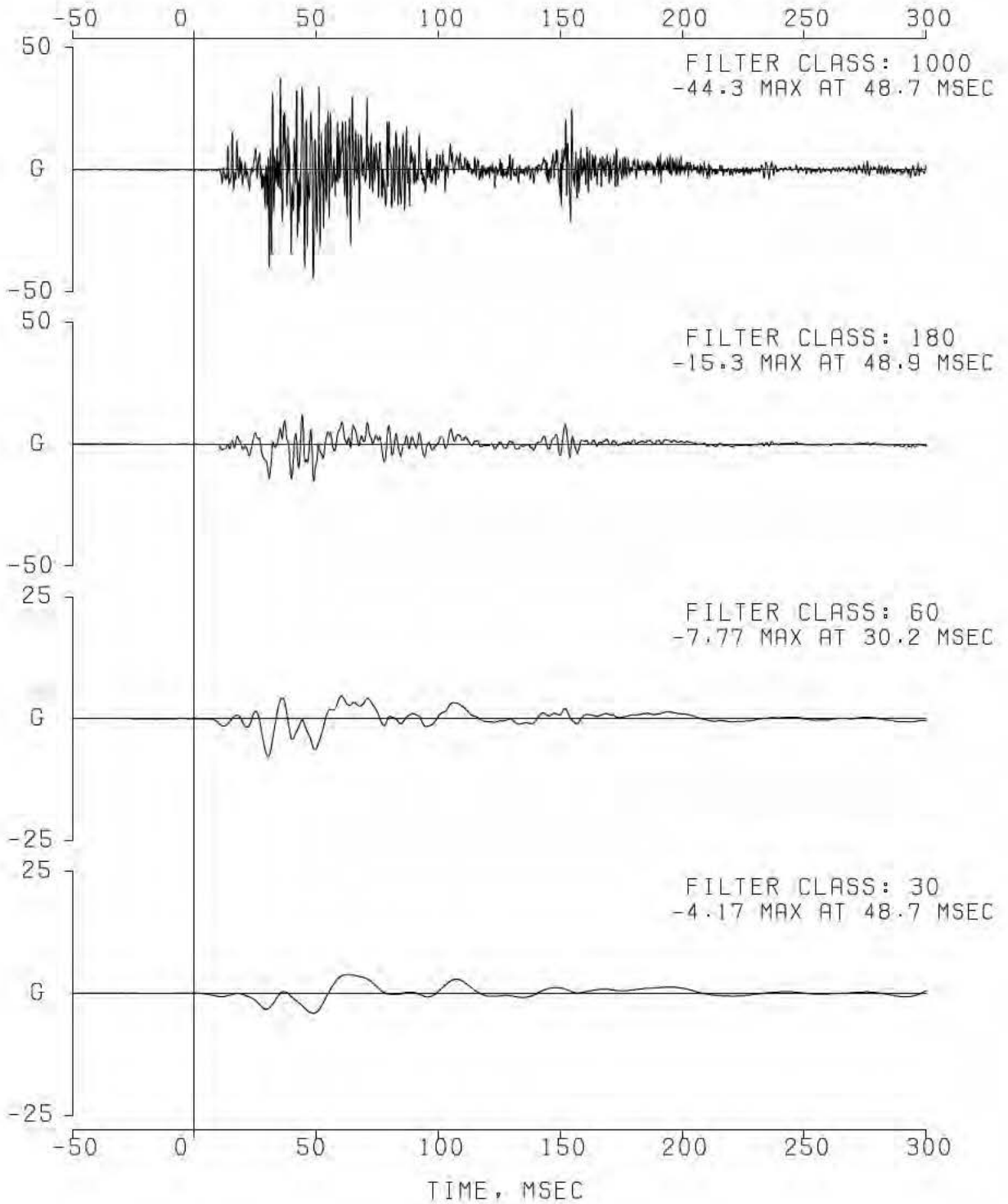
EA12-005- Chrysler -005659

COMPUTED KPH
COMPUTED CM

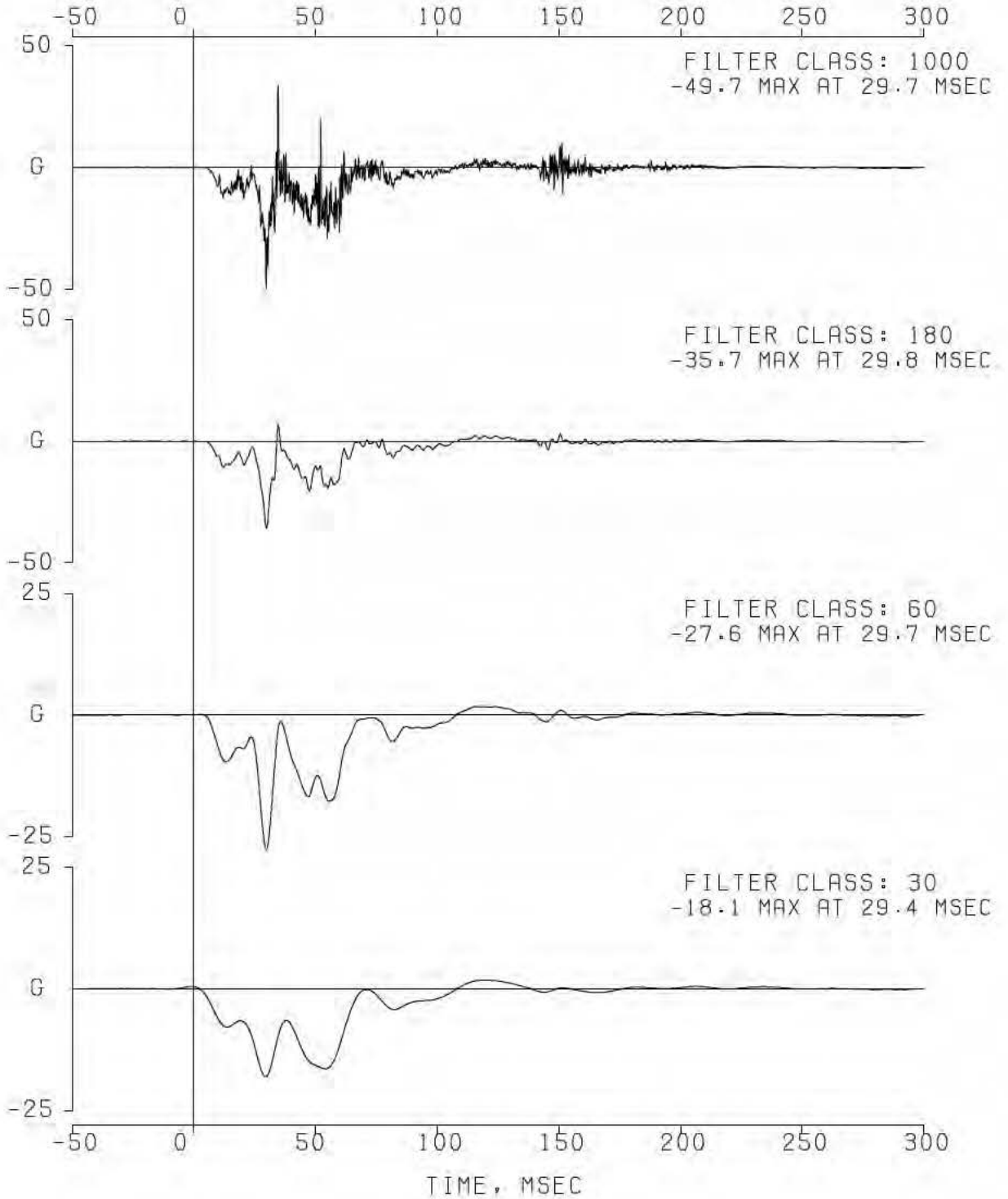
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05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 005 RIGHT FRONT SILL Y P26911
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IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 006 RIGHT FRONT SILL Z P27146
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 007 LEFT REAR SILL X P23168
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1

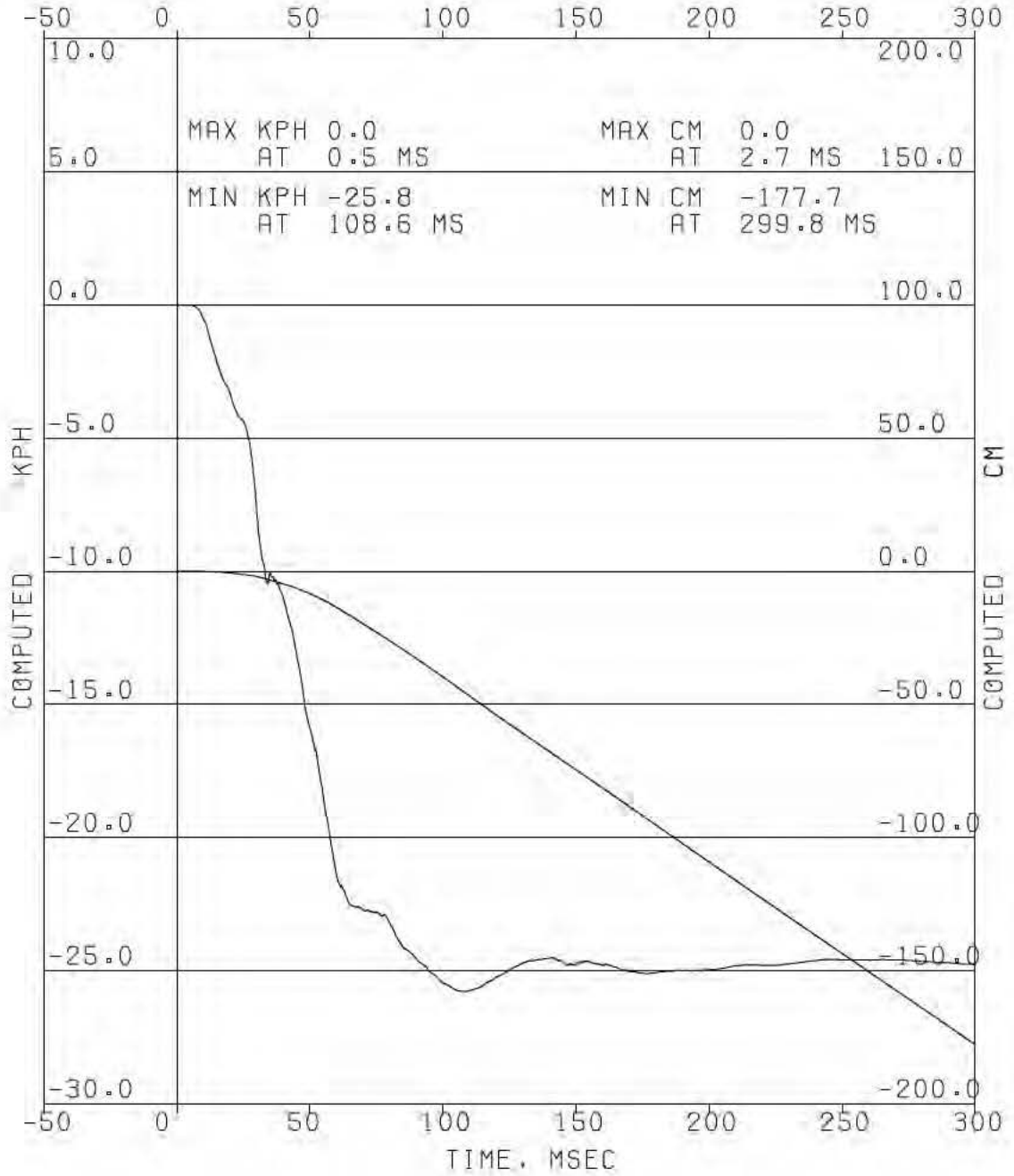


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 007 LEFT REAR SILL X P23168

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

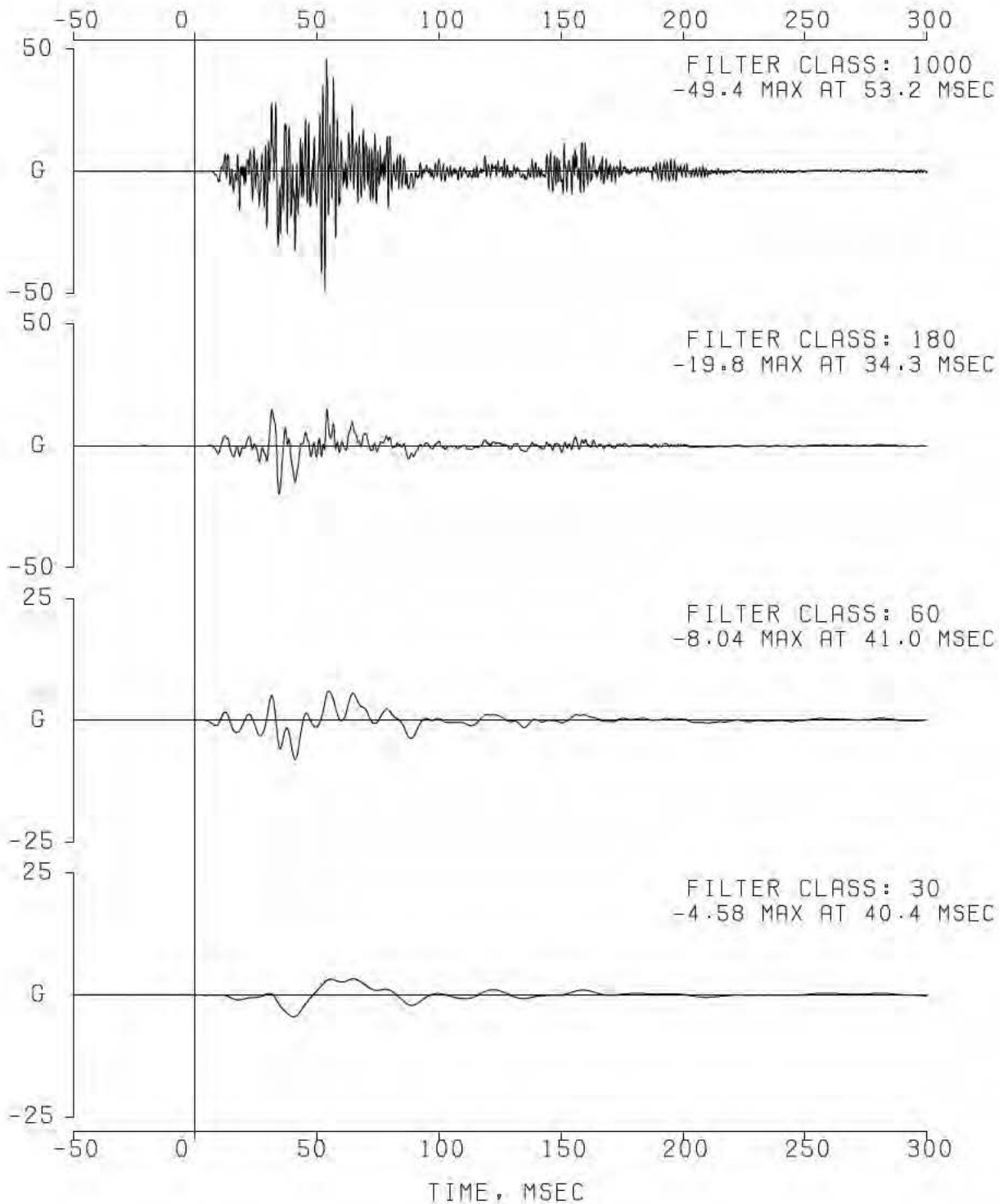
DATA SET 03/17/04BA
ERRATA 1



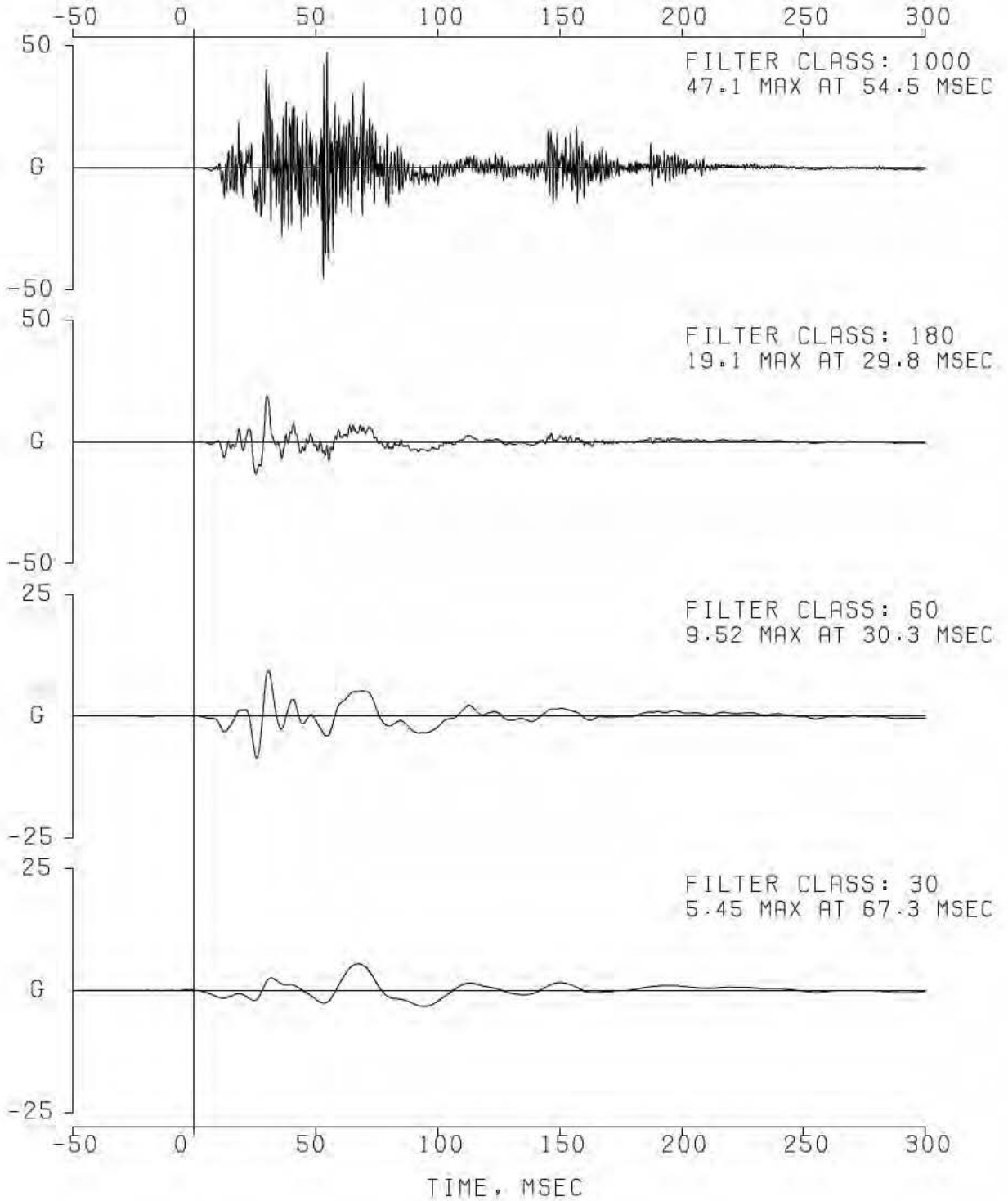
EA12-005- Chrysler -005663

COMPUTED KPH
COMPUTED CM

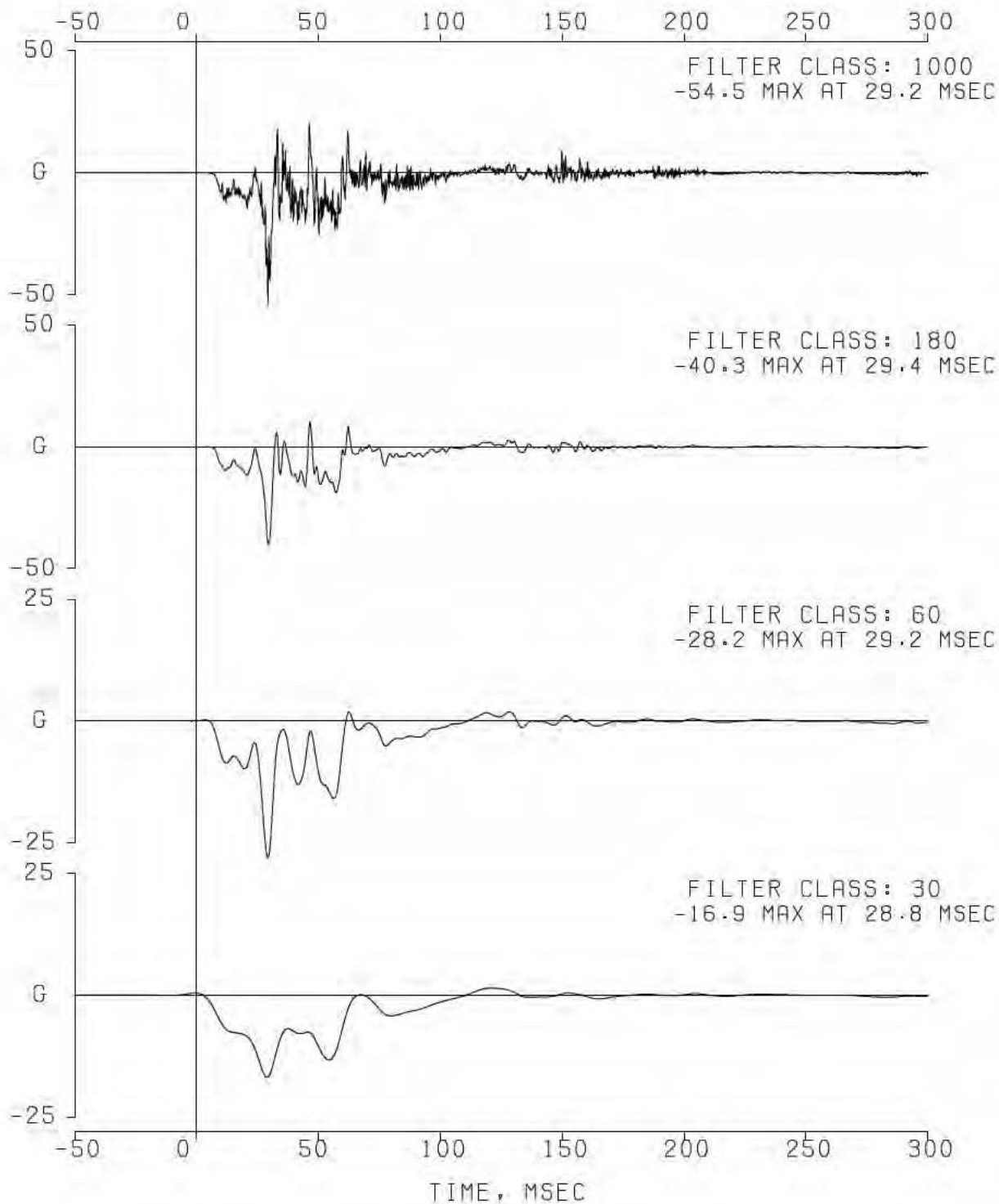
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 008 LEFT REAR SILL Y P17669
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 009 LEFT REAR SILL Z P12539
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 010 RIGHT REAR SILL X P27149
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1

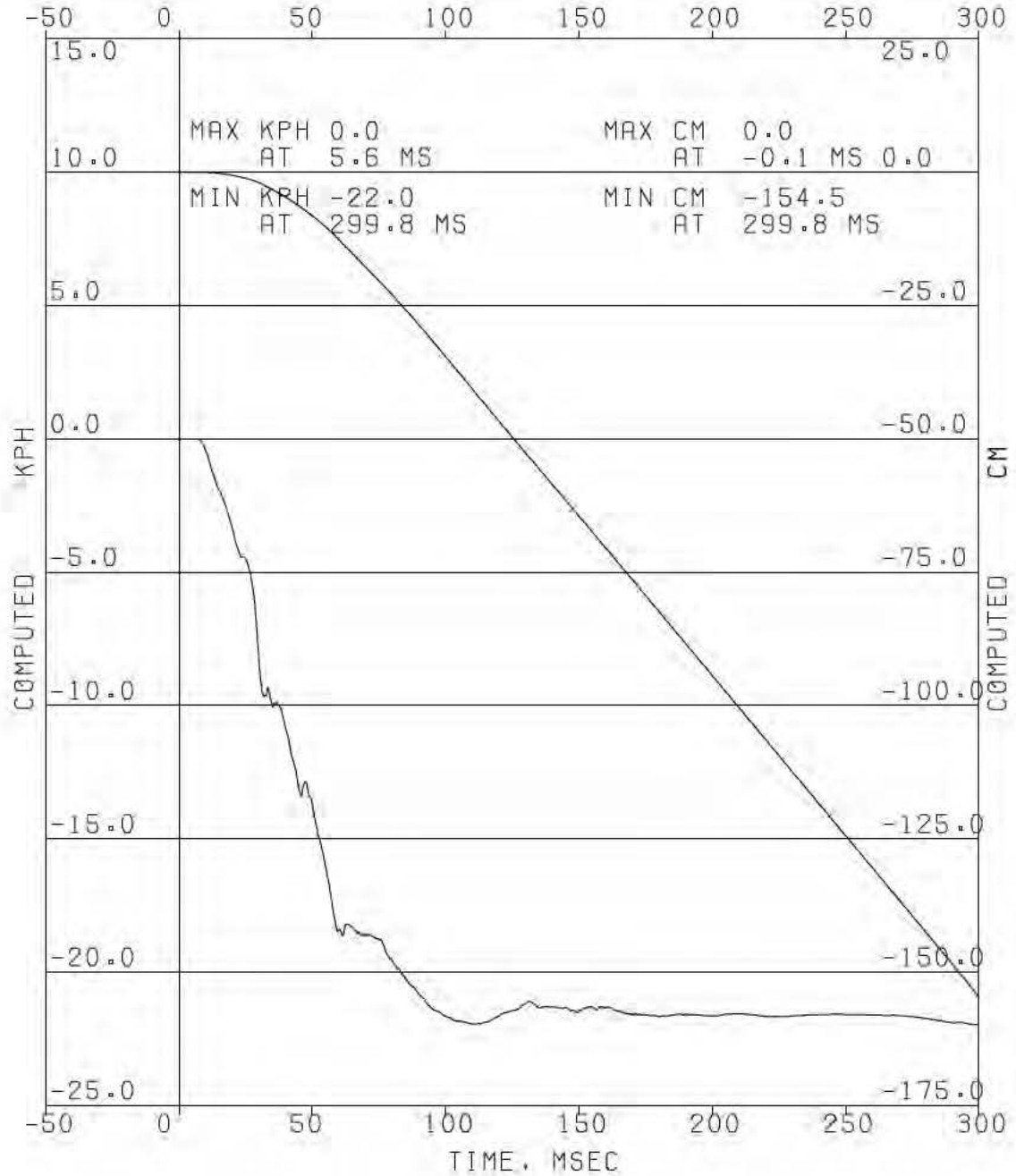


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 010 RIGHT REAR SILL X P27149

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

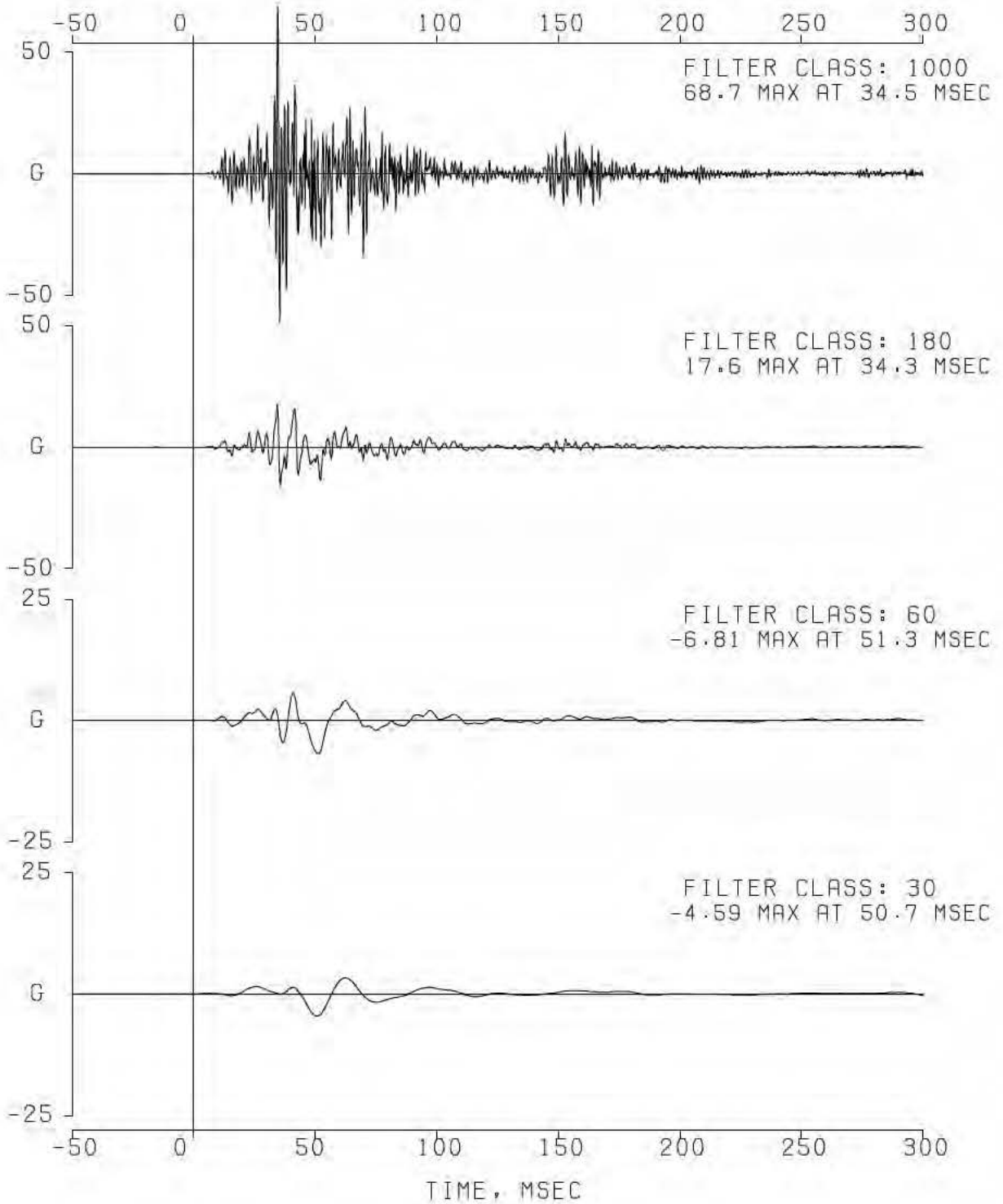
DATA SET 03/17/04BA
ERRATA 1



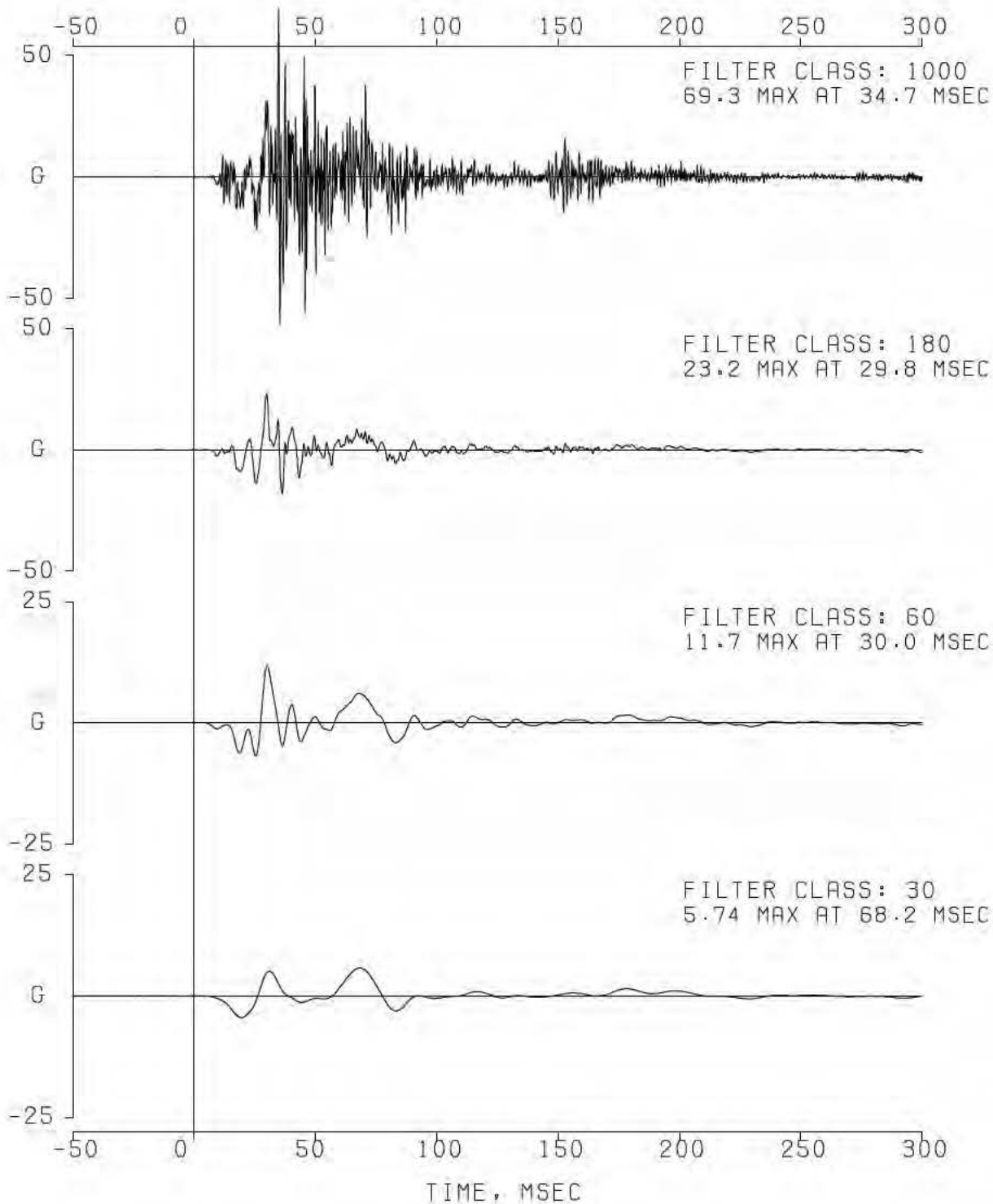
EA12-005- Chrysler -005667

COMPUTED KPH
COMPUTED CM

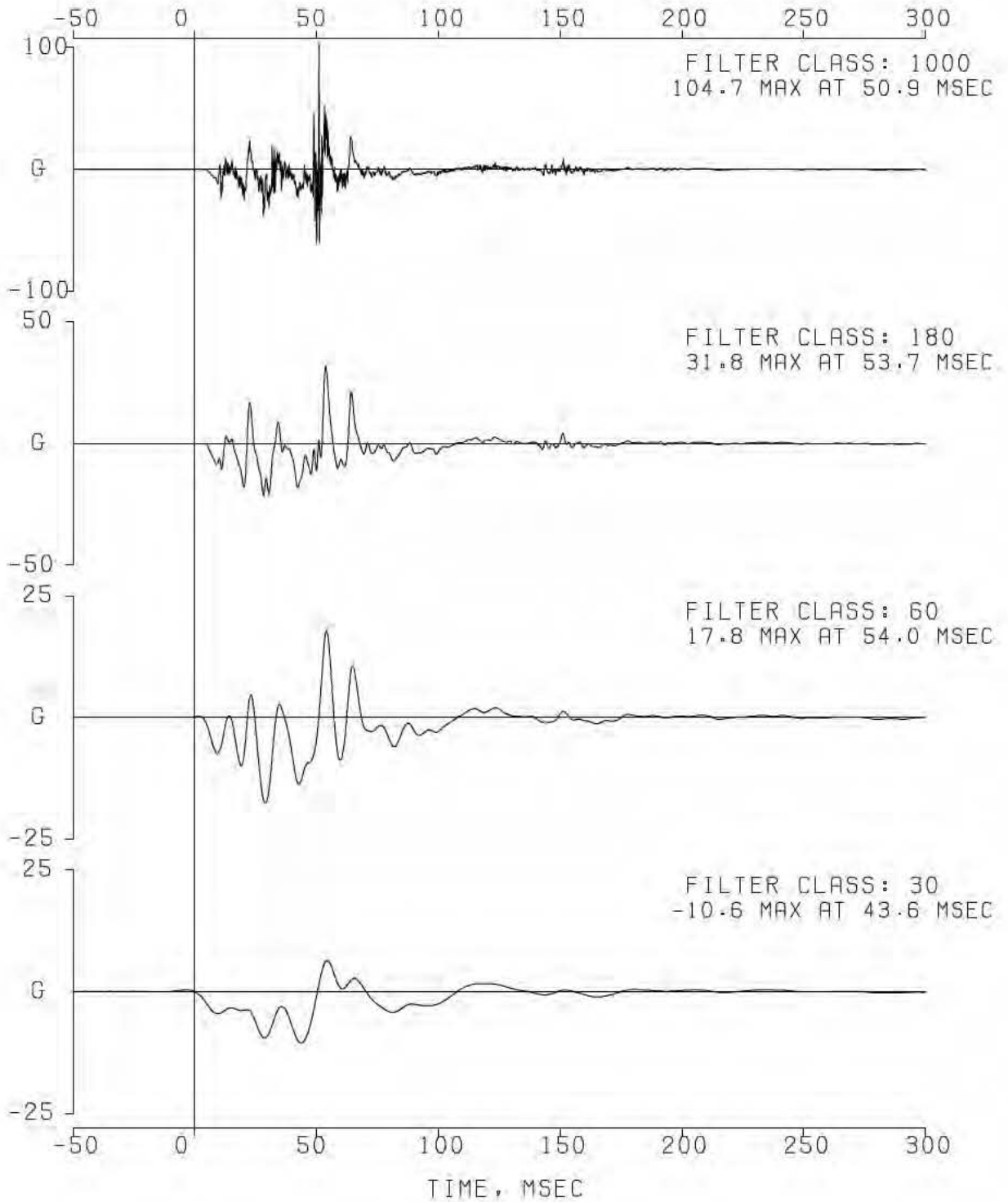
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05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 011 RIGHT REAR SILL Y P22379
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 012 RIGHT REAR SILL Z P26816
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 013 LEFT RAIL MID TANK X P17437
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1

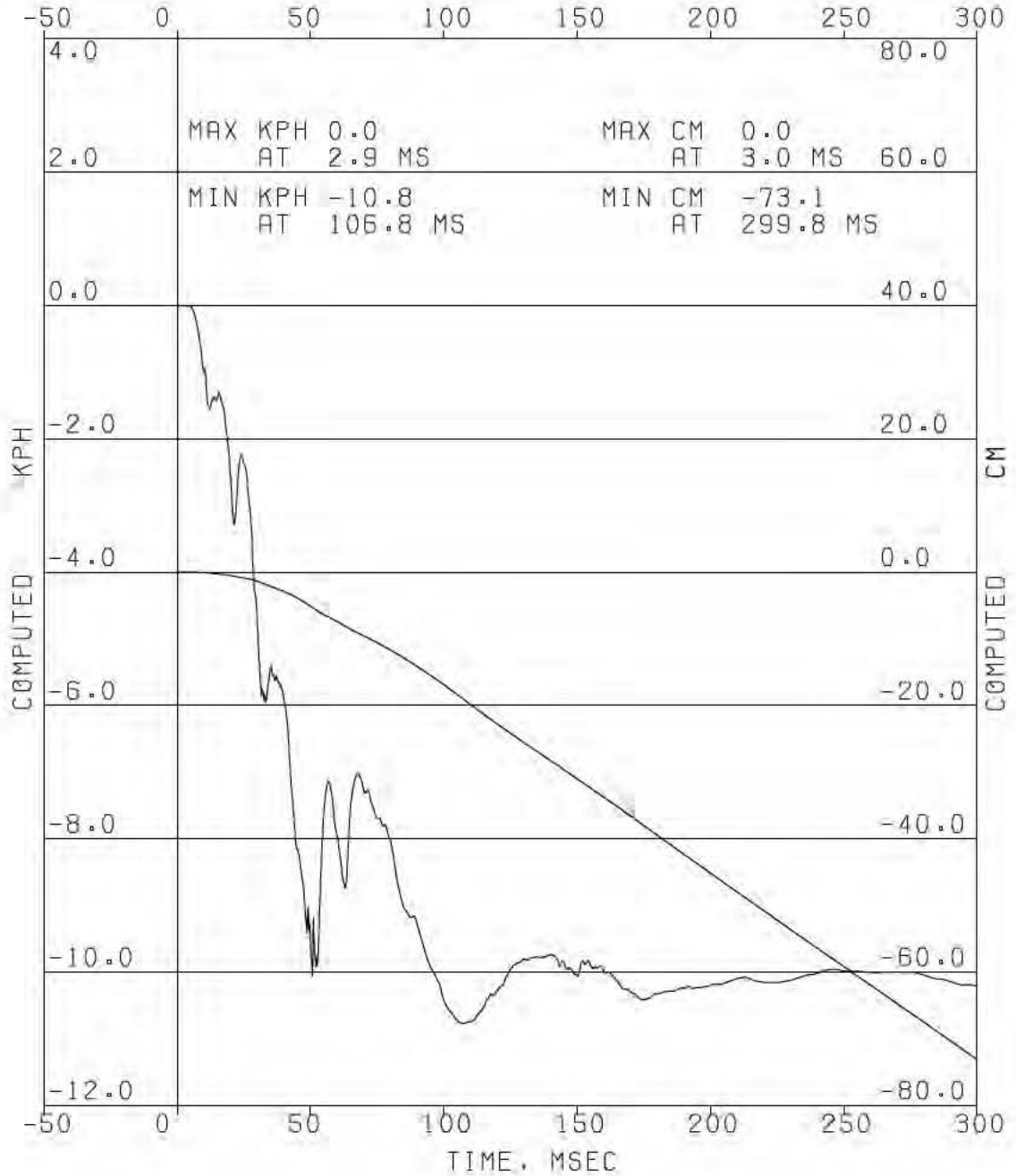


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 013 LEFT RAIL MID TANK X P17437

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

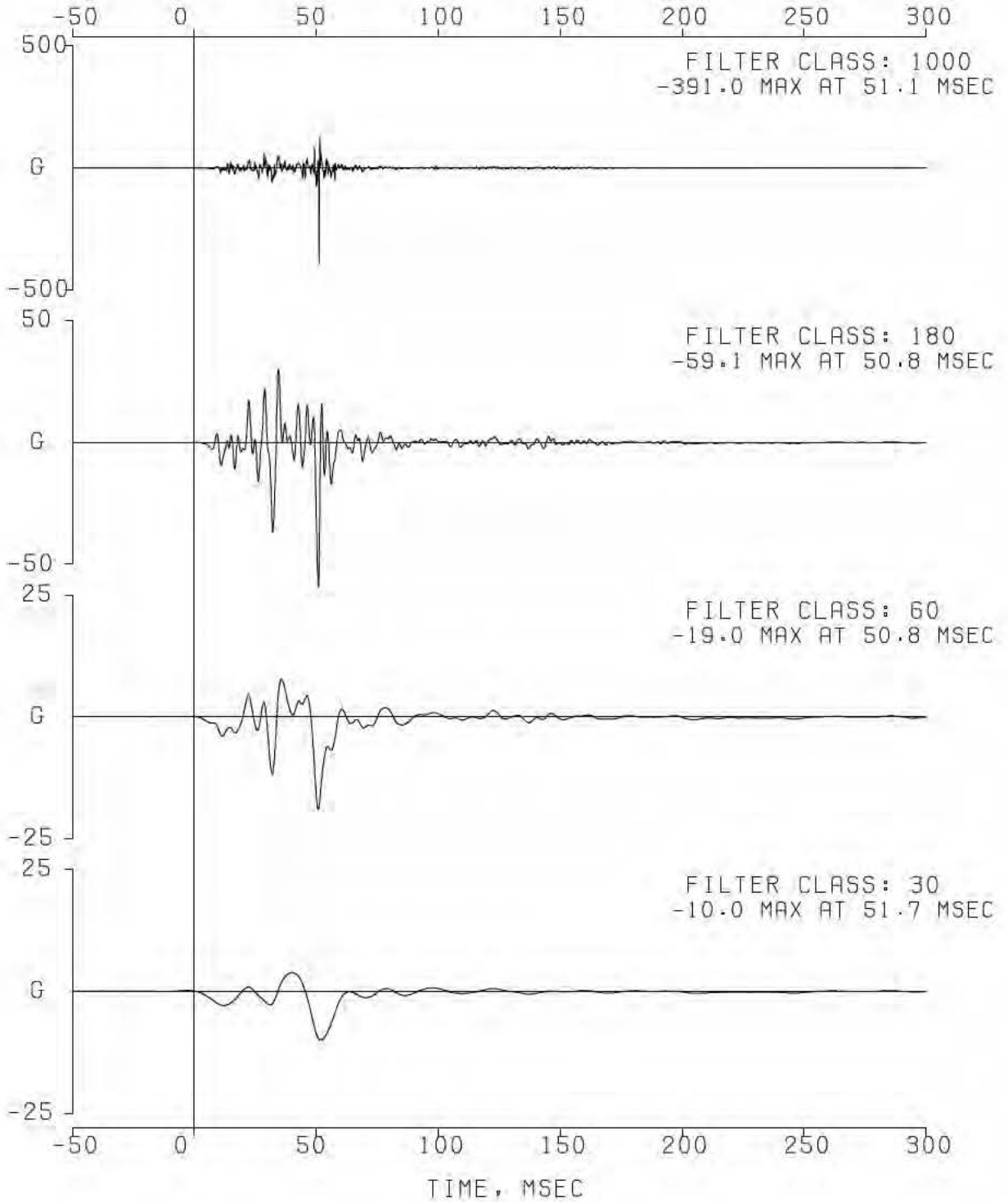
DATA SET 03/17/04BA
ERRATA 1



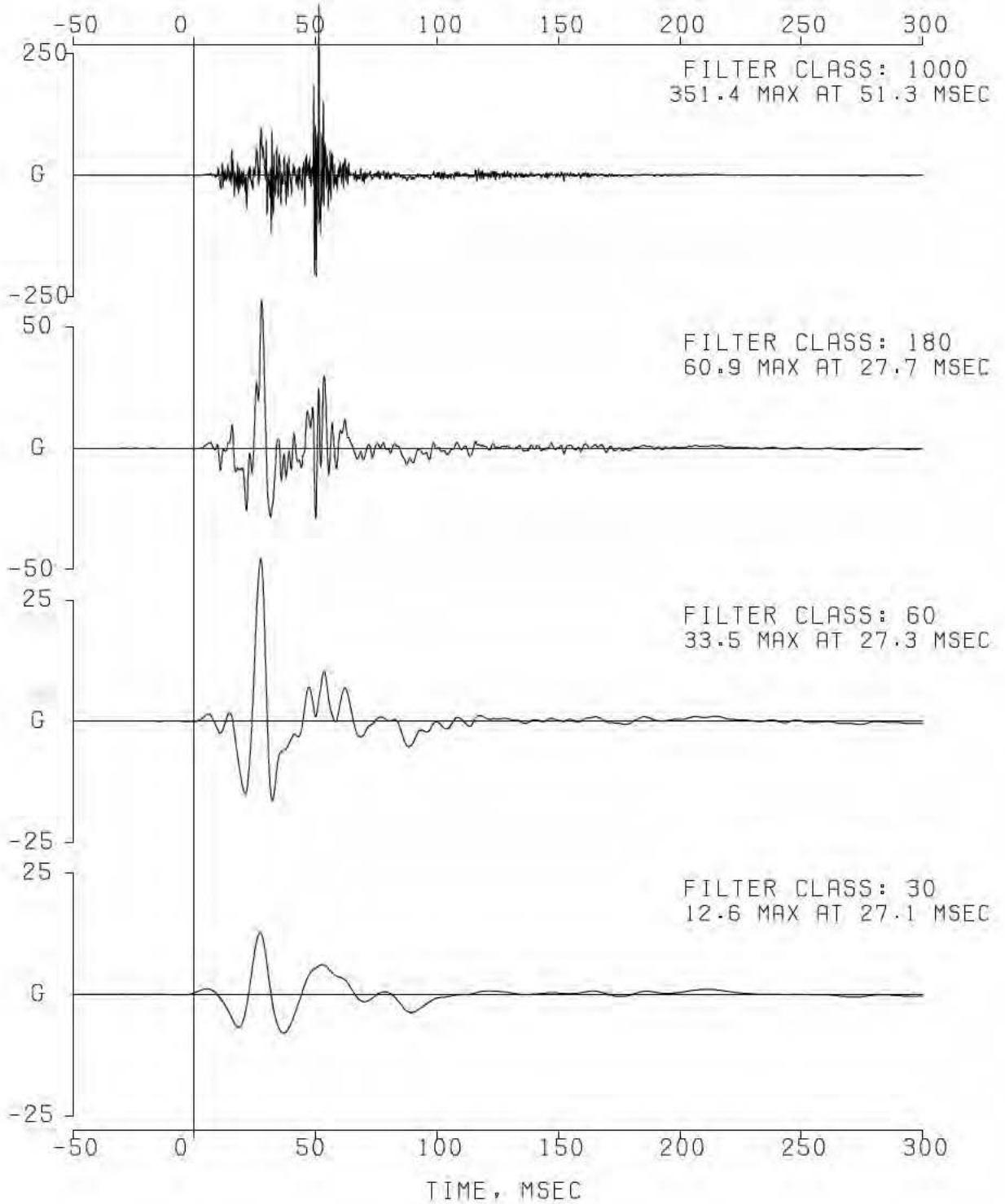
EA12-005- Chrysler -005671

COMPUTED KPH
COMPUTED CM

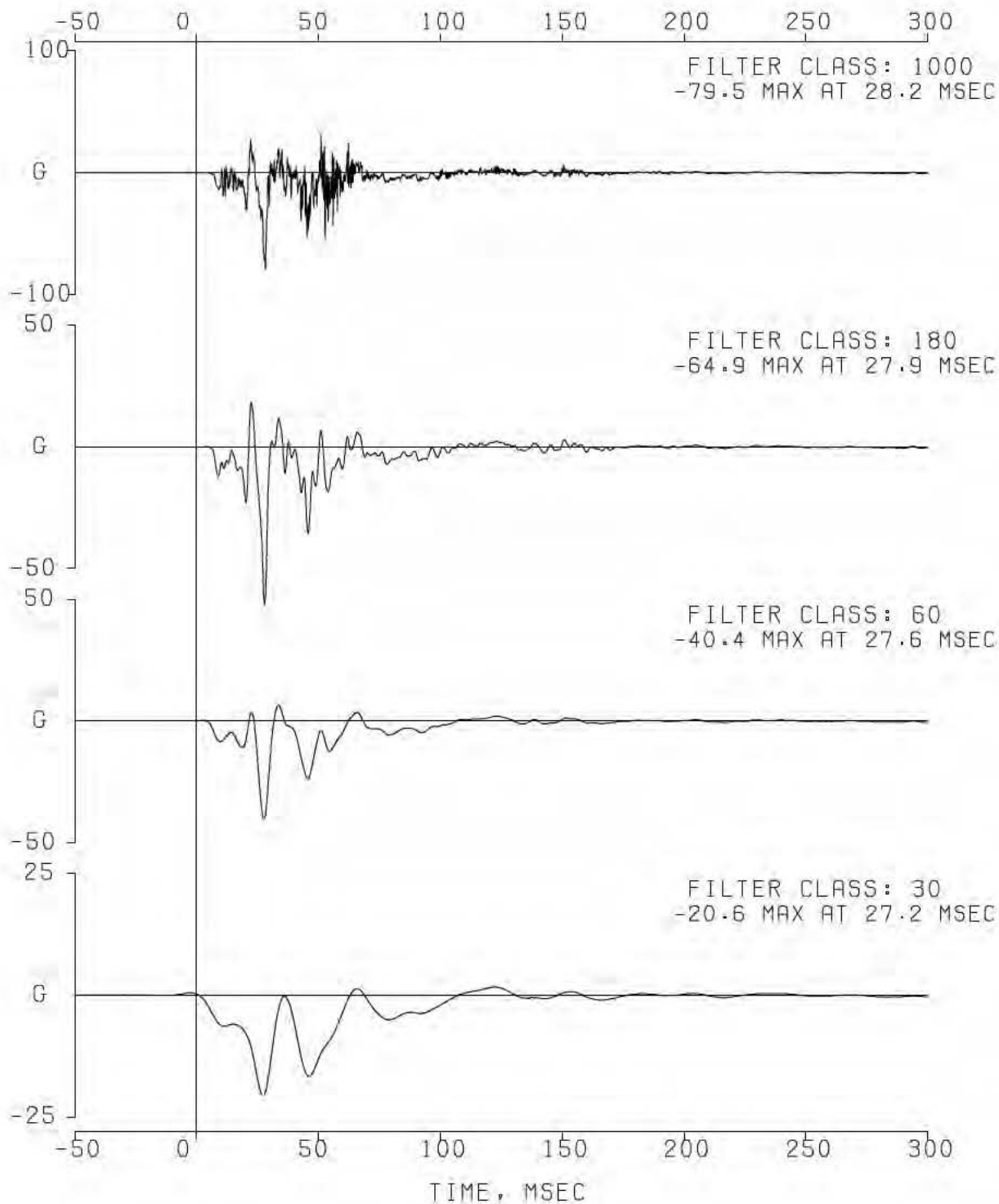
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 014 LEFT RAIL MID TANK Y P14463
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 015 LEFT RAIL MID TANK Z P26879
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 016 RIGHT RAIL MID TANK X P22170
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BA
MAR 17, 2004 ERRATA 1

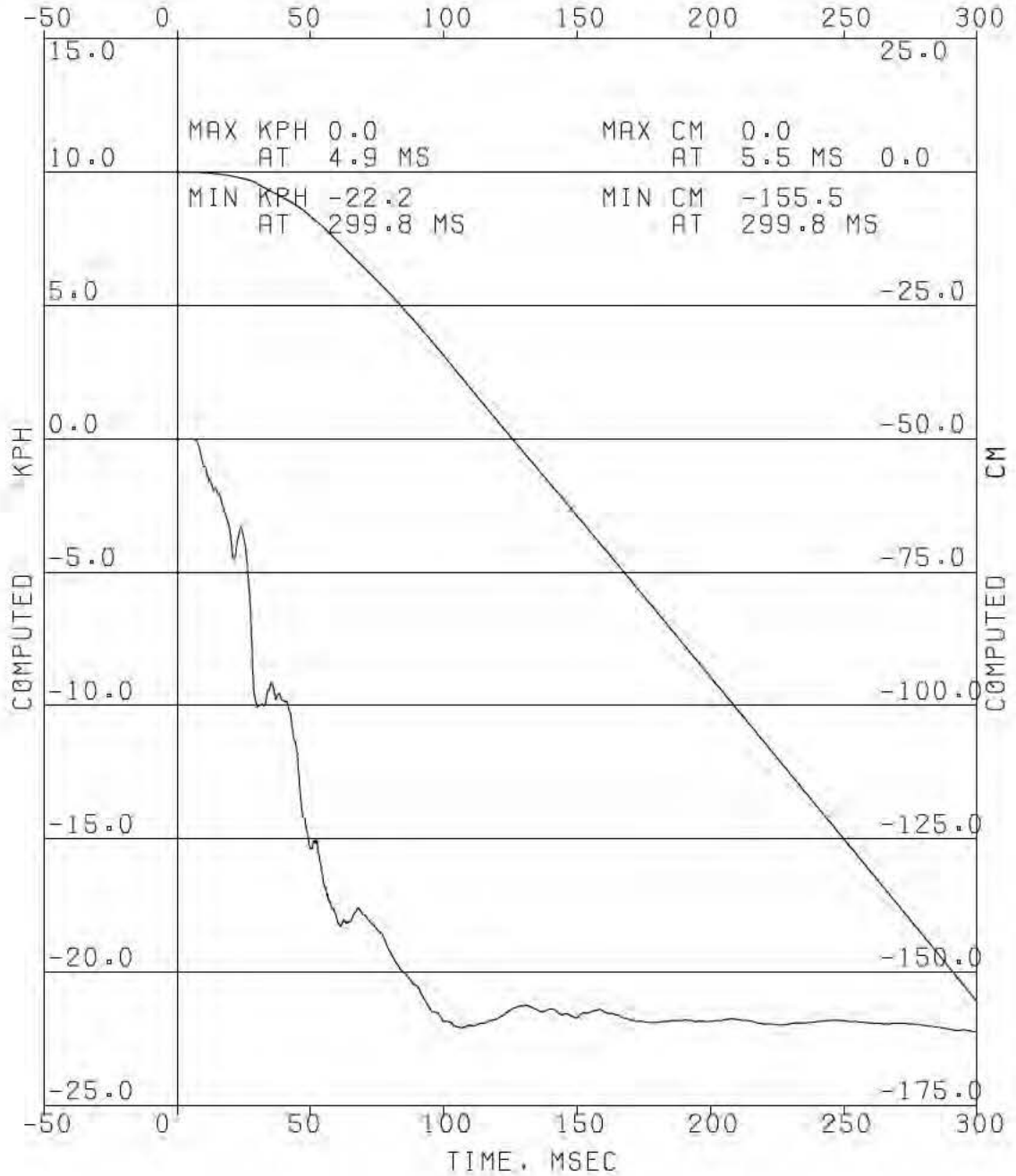


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 016 RIGHT RAIL MID TANK X P22170

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

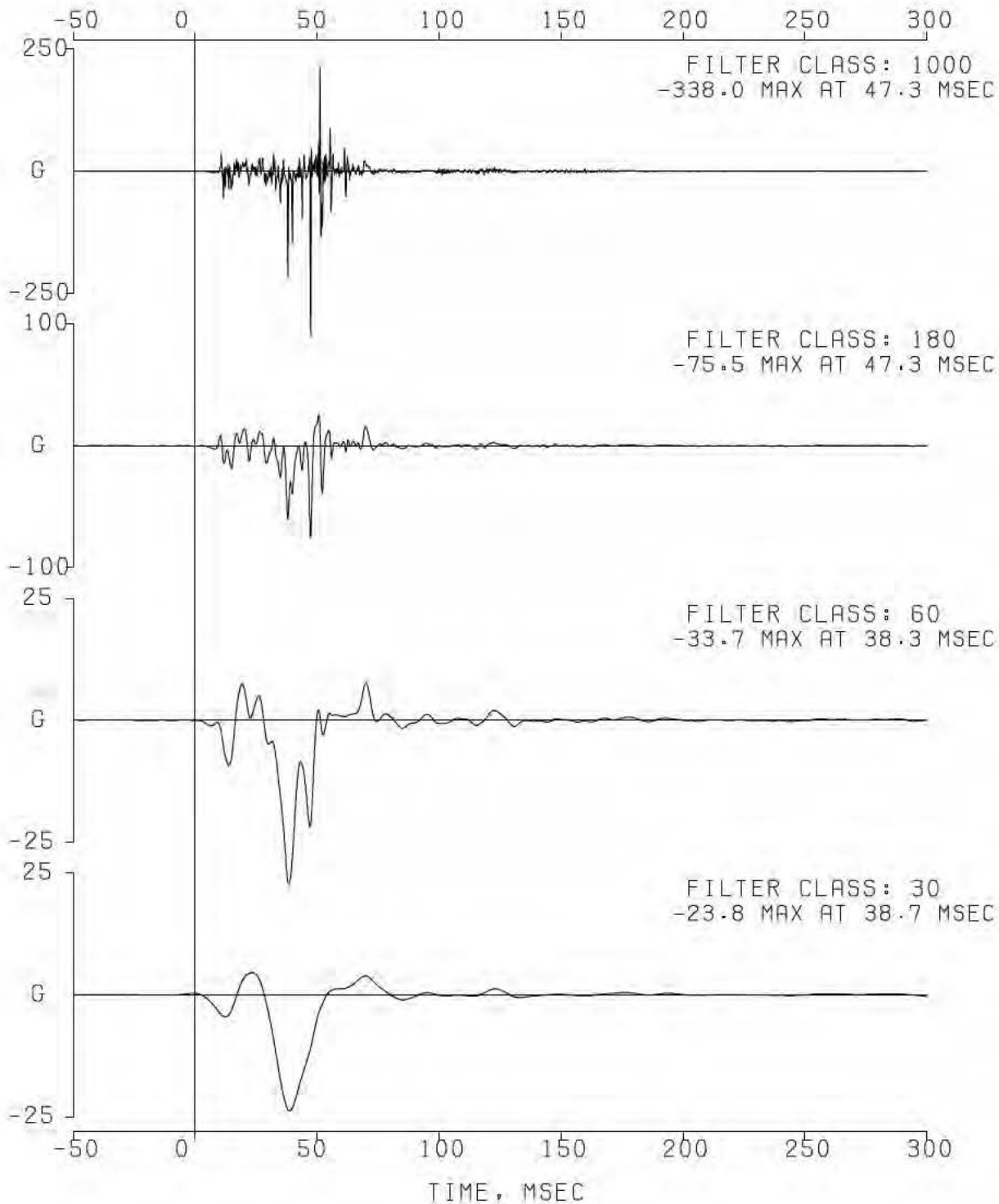
DATA SET 03/17/04BA
ERRATA 1



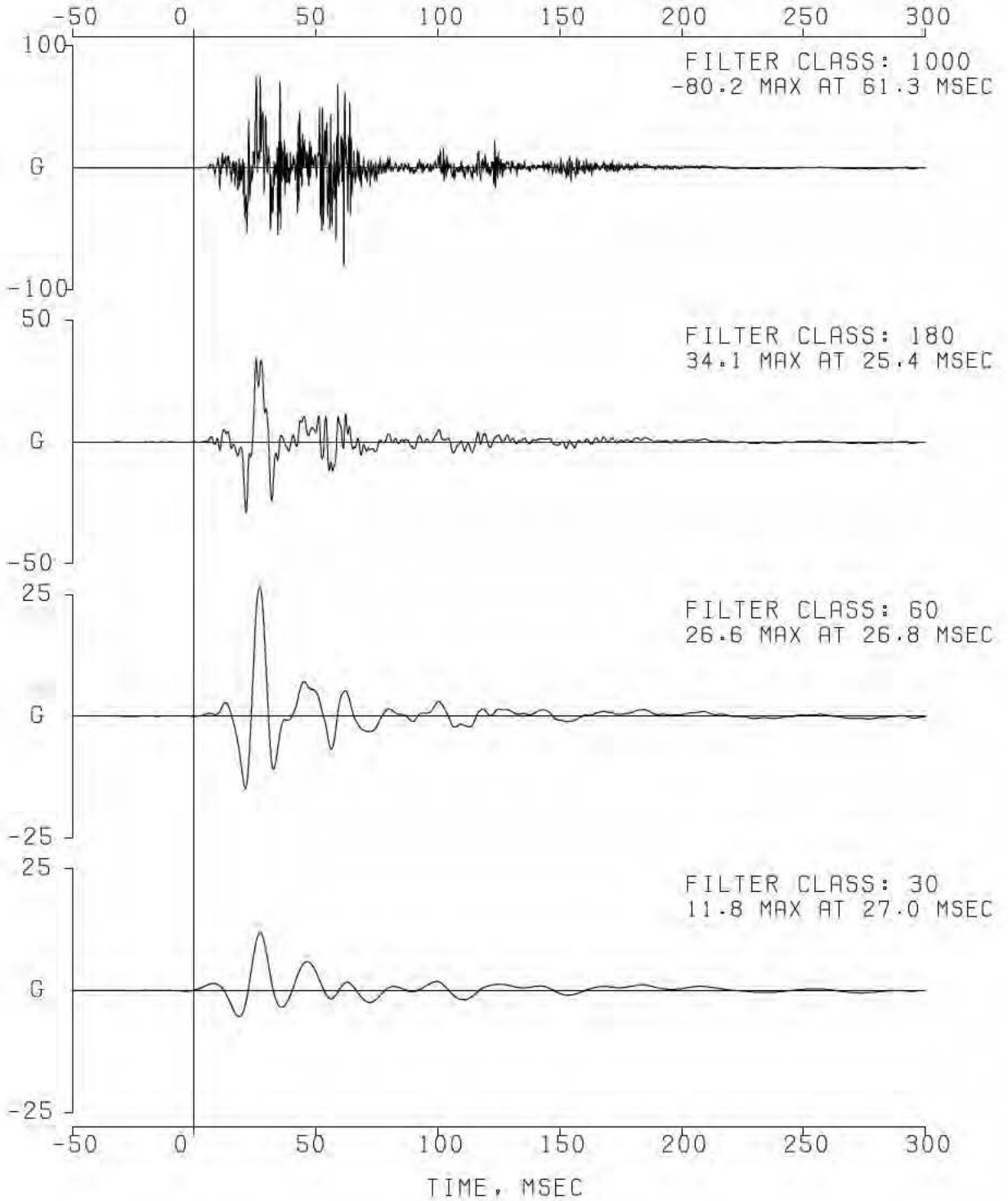
EA12-005- Chrysler -005675

COMPUTED KPH
COMPUTED CM

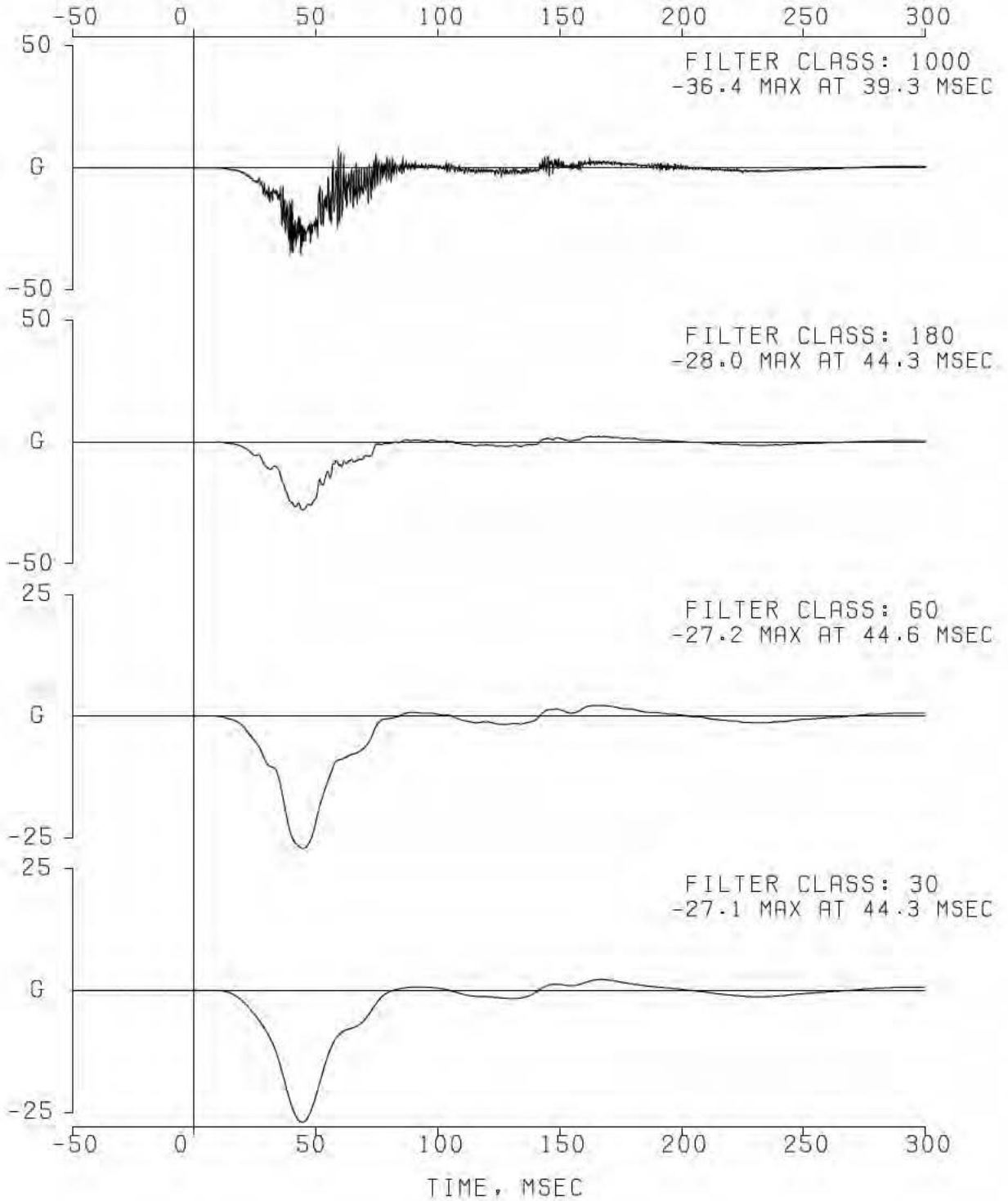
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 017 RIGHT RAIL MID TANK Y P19419
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 018 RIGHT RAIL MID TANK Z P17576
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 019 ENGINE BOTTOM X P13551
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1

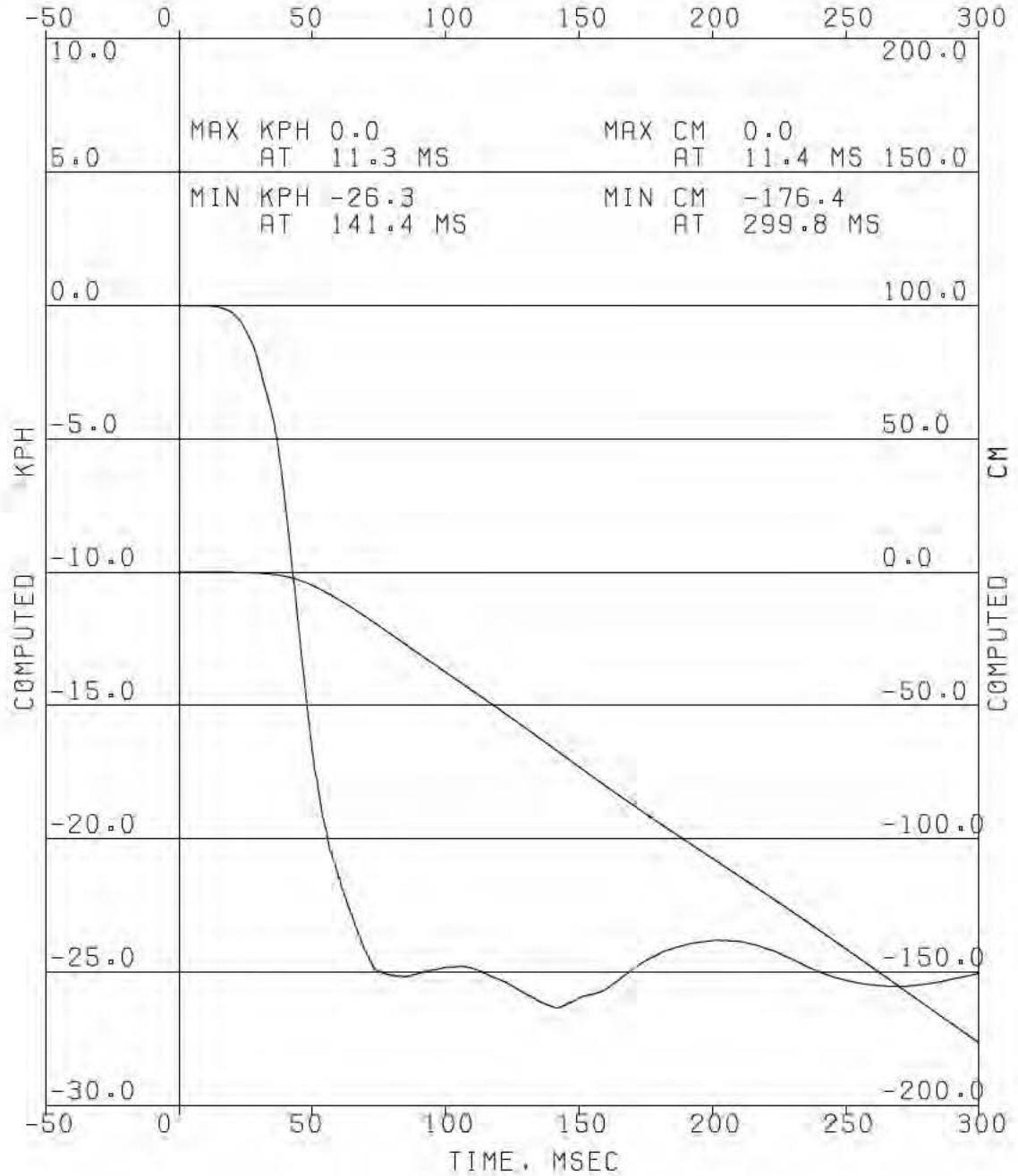


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 019 ENGINE BOTTOM X P13551

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

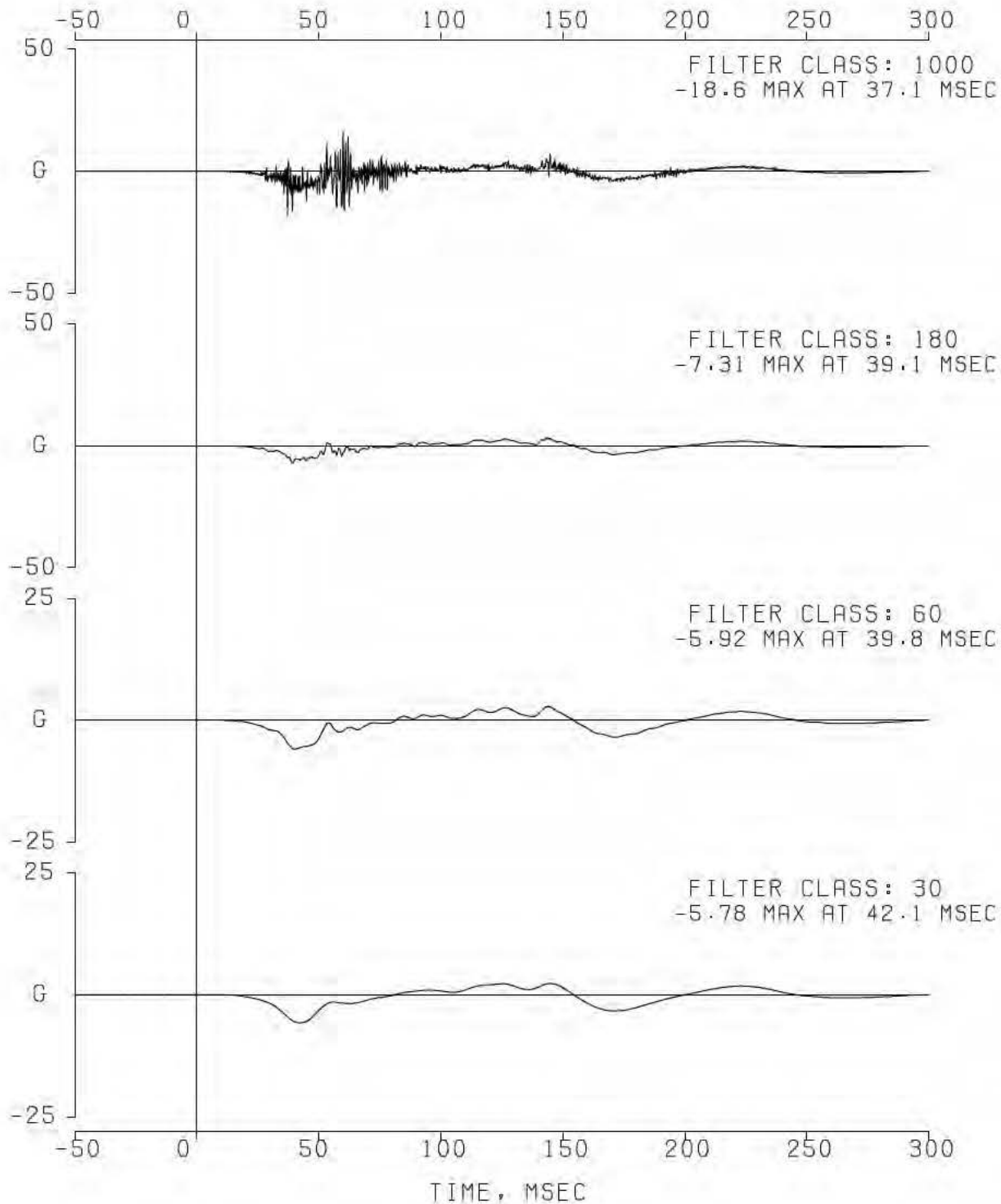
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ERRATA 1



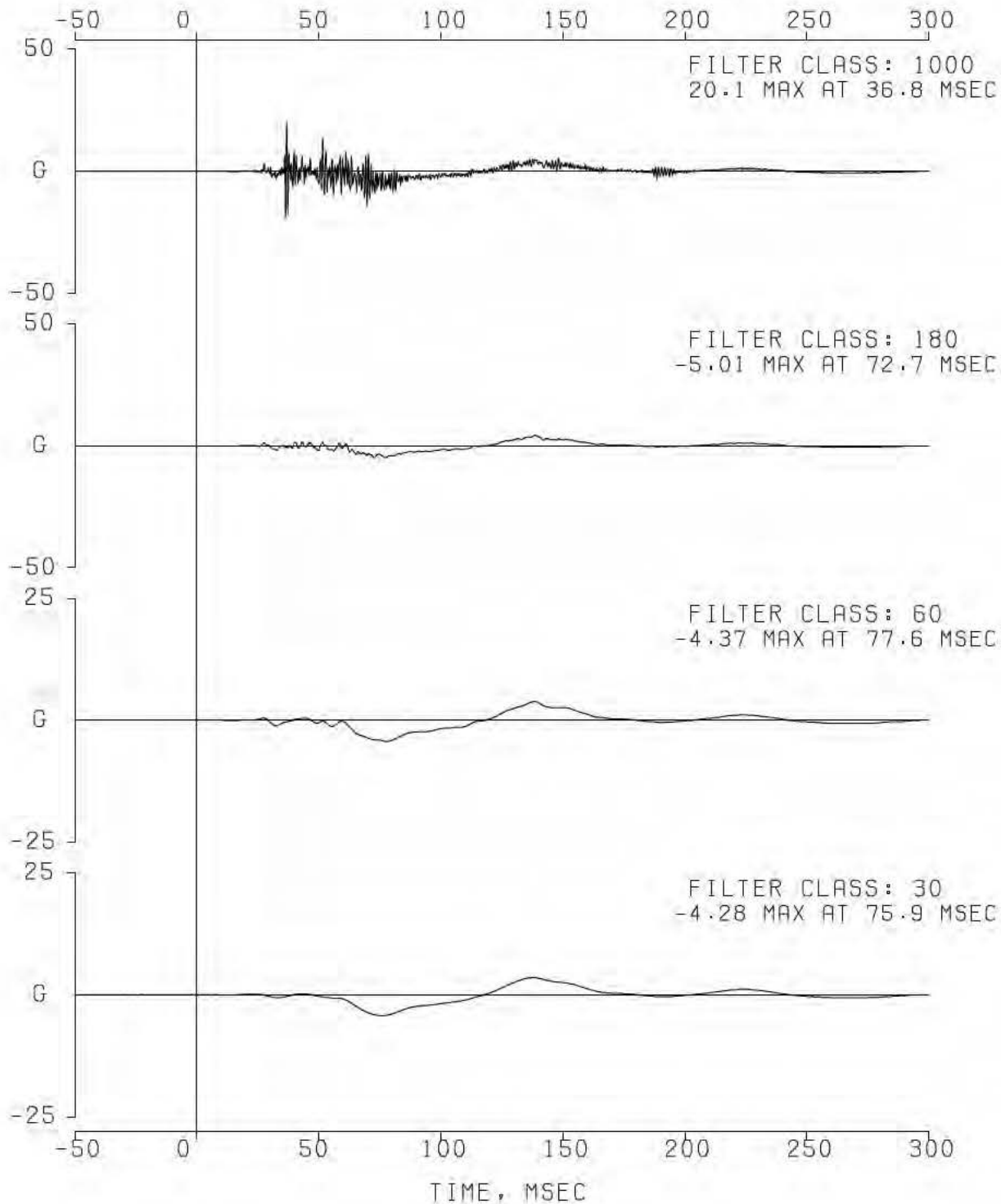
EA12-005- Chrysler -005679

COMPUTED KPH
COMPUTED CM

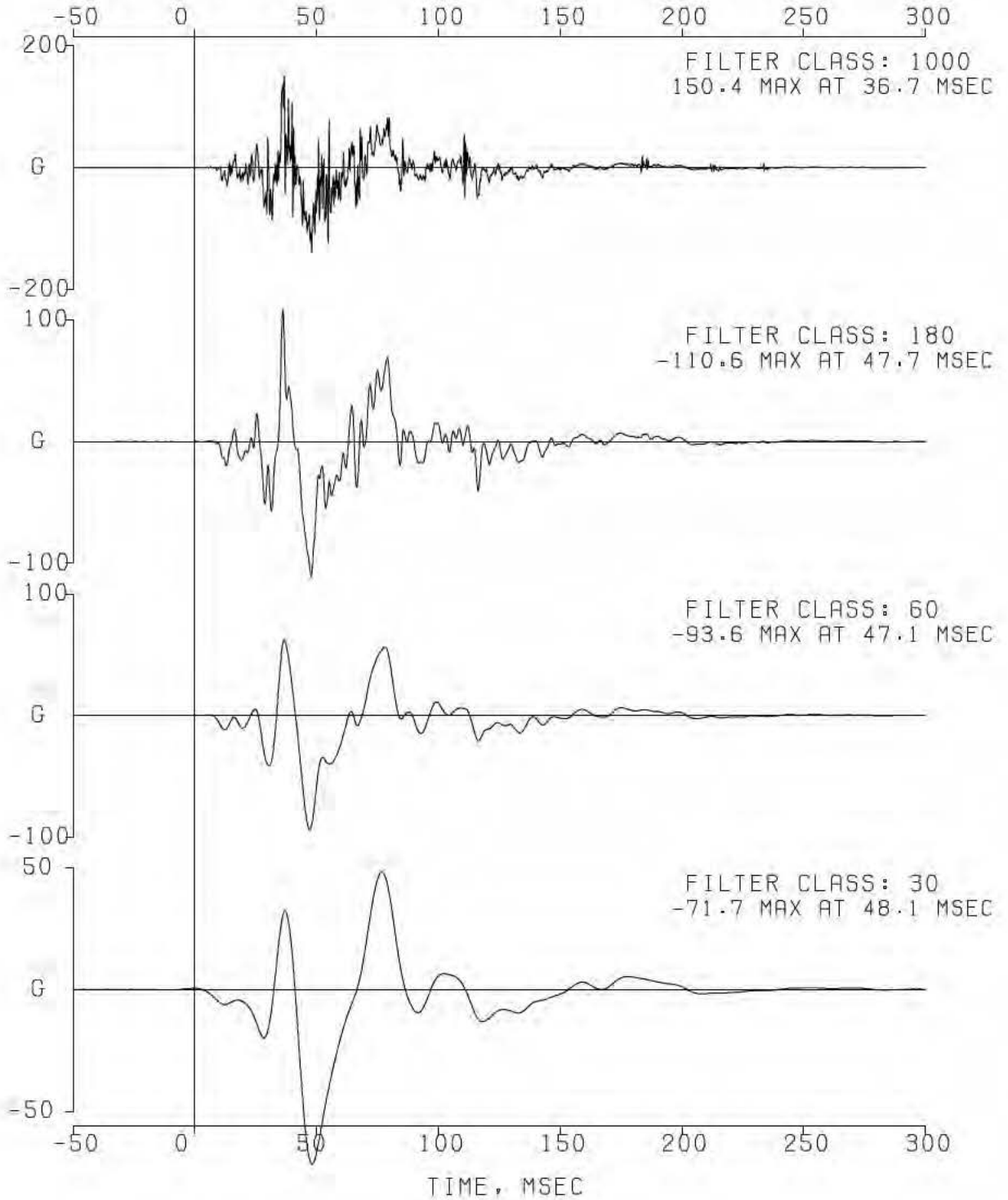
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 020 ENGINE BOTTOM Y P15372
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 021 ENGINE BOTTOM Z P12378
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 022 FUEL TANK BOTTOM ACC X P19397
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1

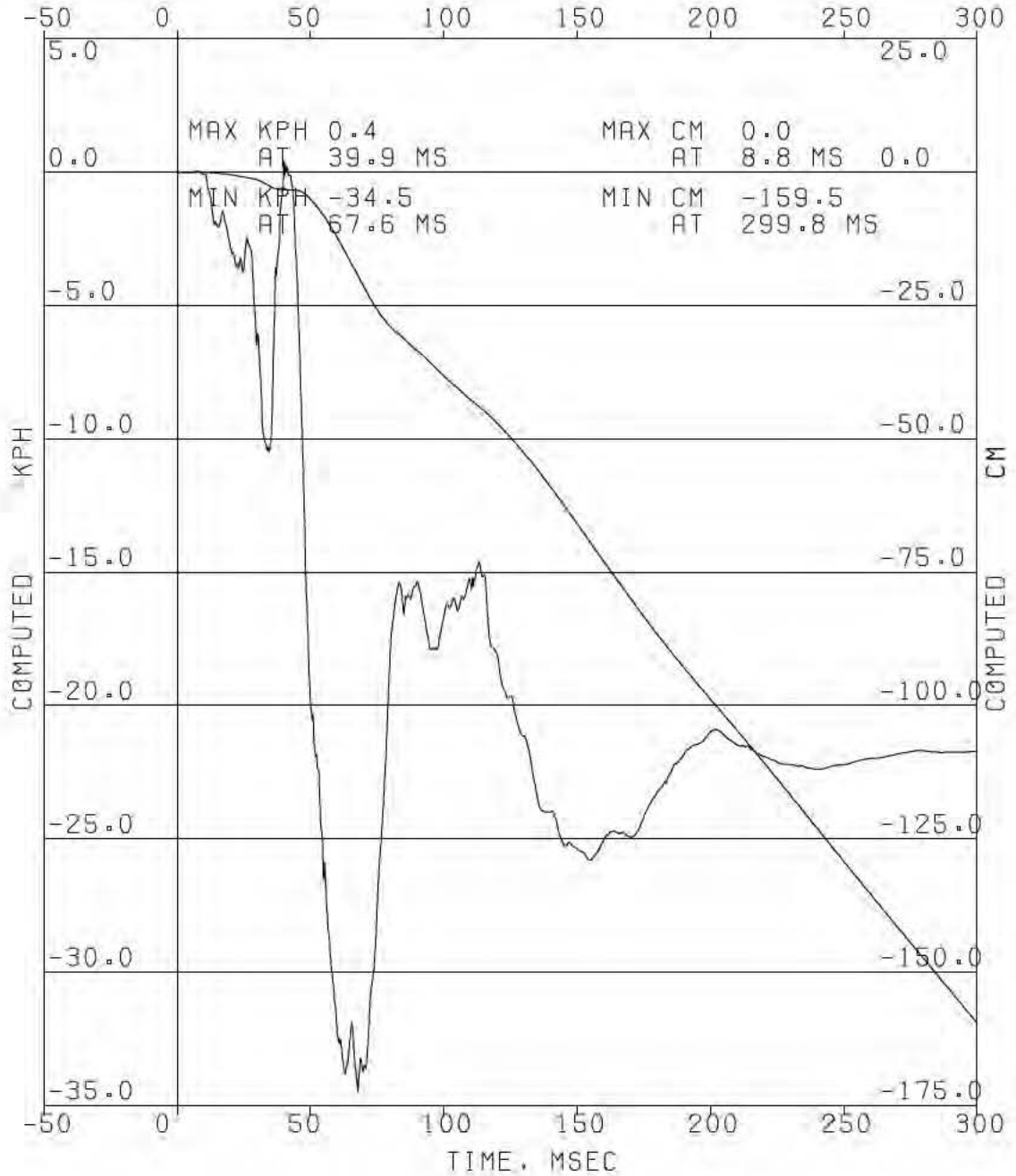


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 022 FUEL TANK BOTTOM ACC X P19397

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
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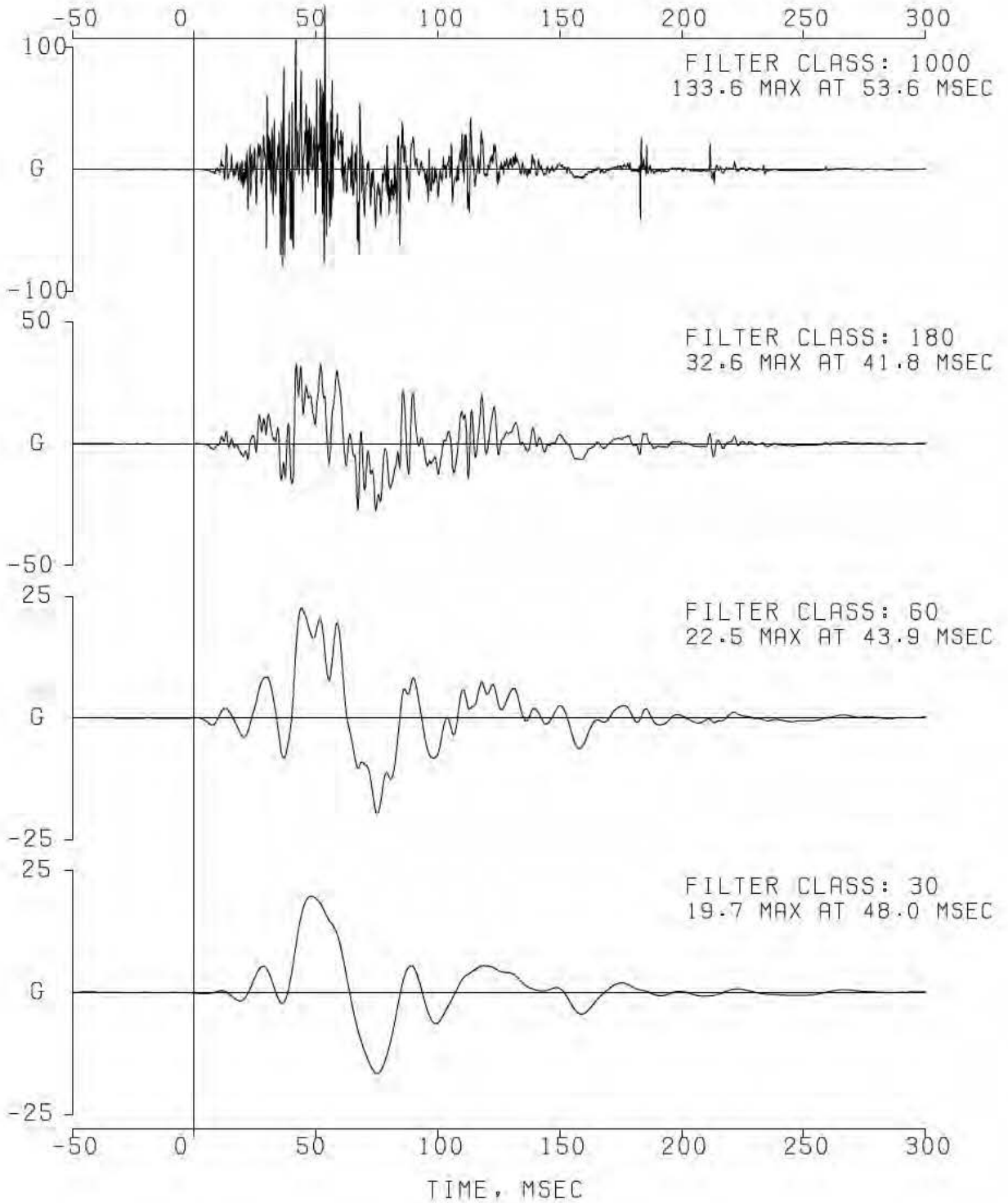
DATA SET 03/17/04BB
ERRATA 1



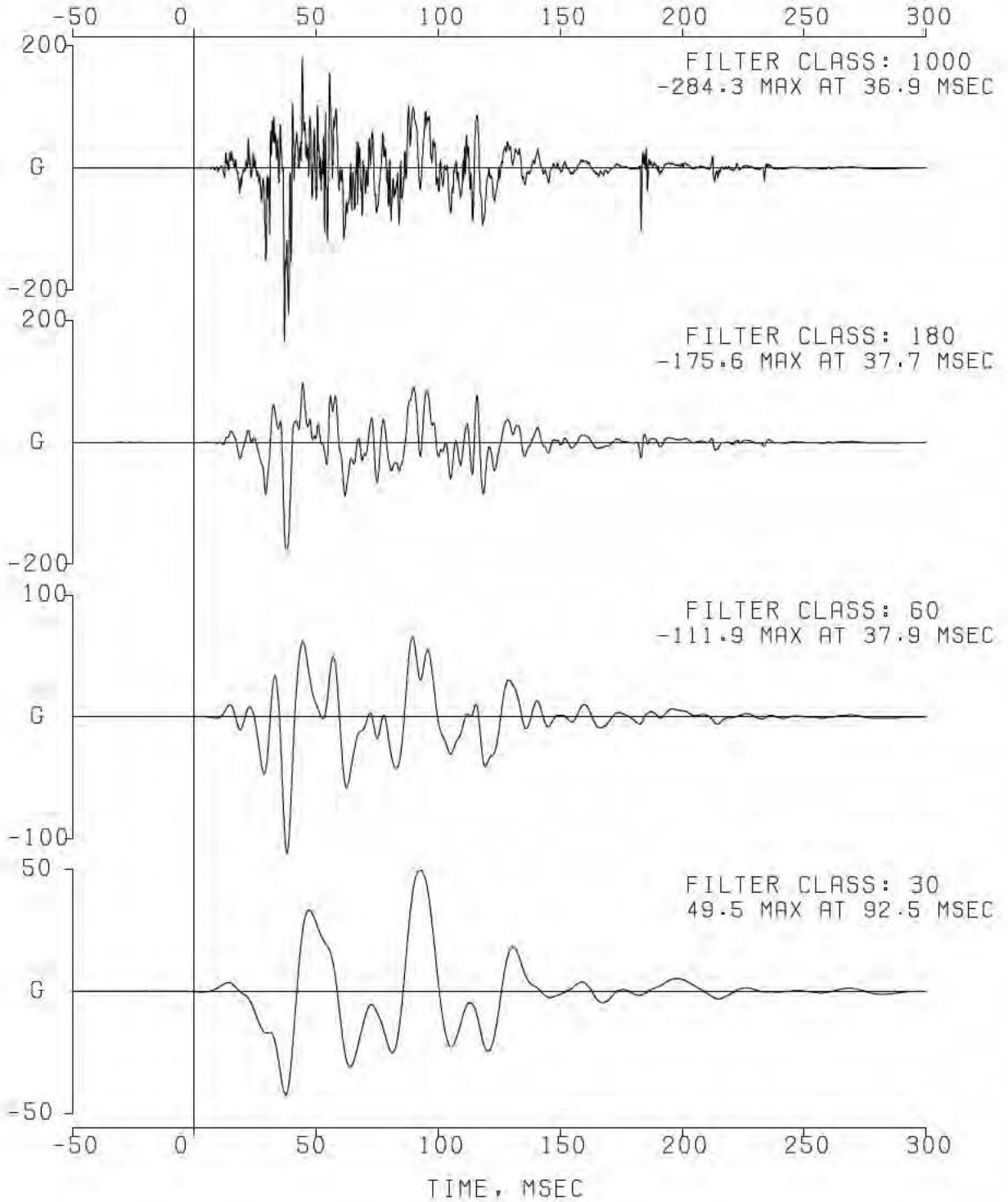
EA12-005- Chrysler -005683

COMPUTED KPH
COMPUTED CM

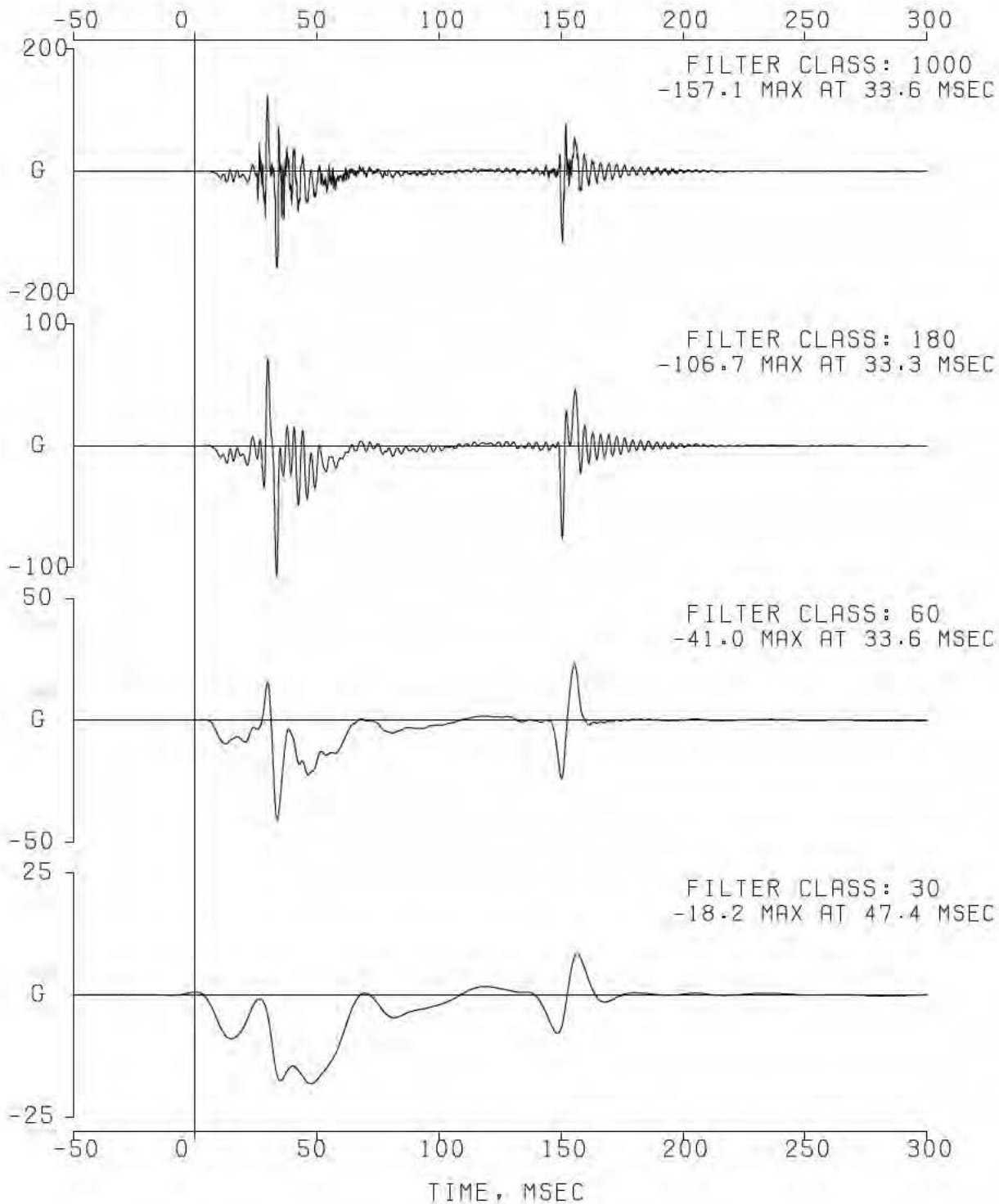
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 023 FUEL TANK BOTTOM ACC Y P19356
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 024 FUEL TANK BOTTOM ACC Z P26840
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 025 TRANS XMBR UNDR PANDMTX P17793
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1

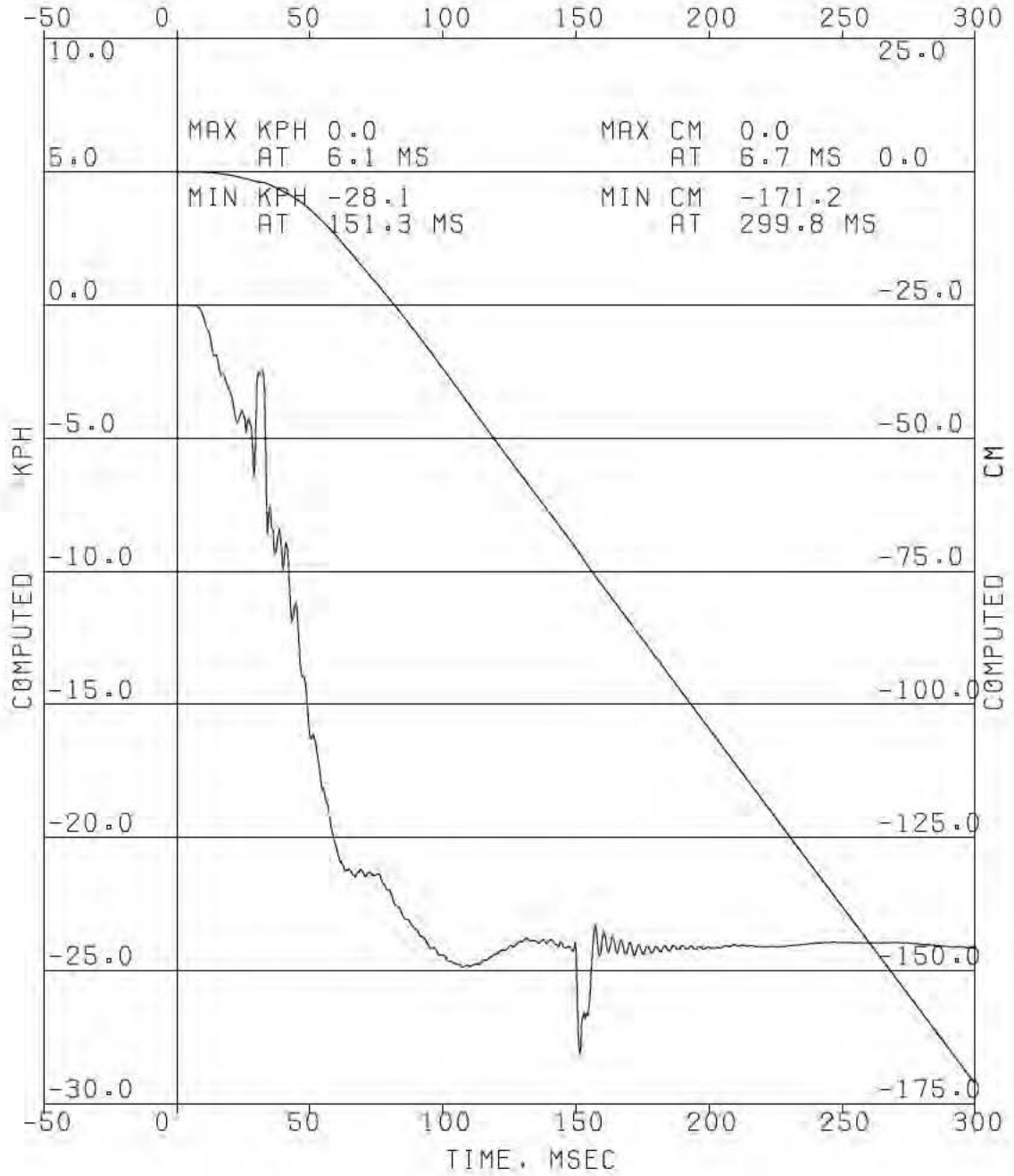


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 025 TRANS XMBR UNDR PANDMTX P17793

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
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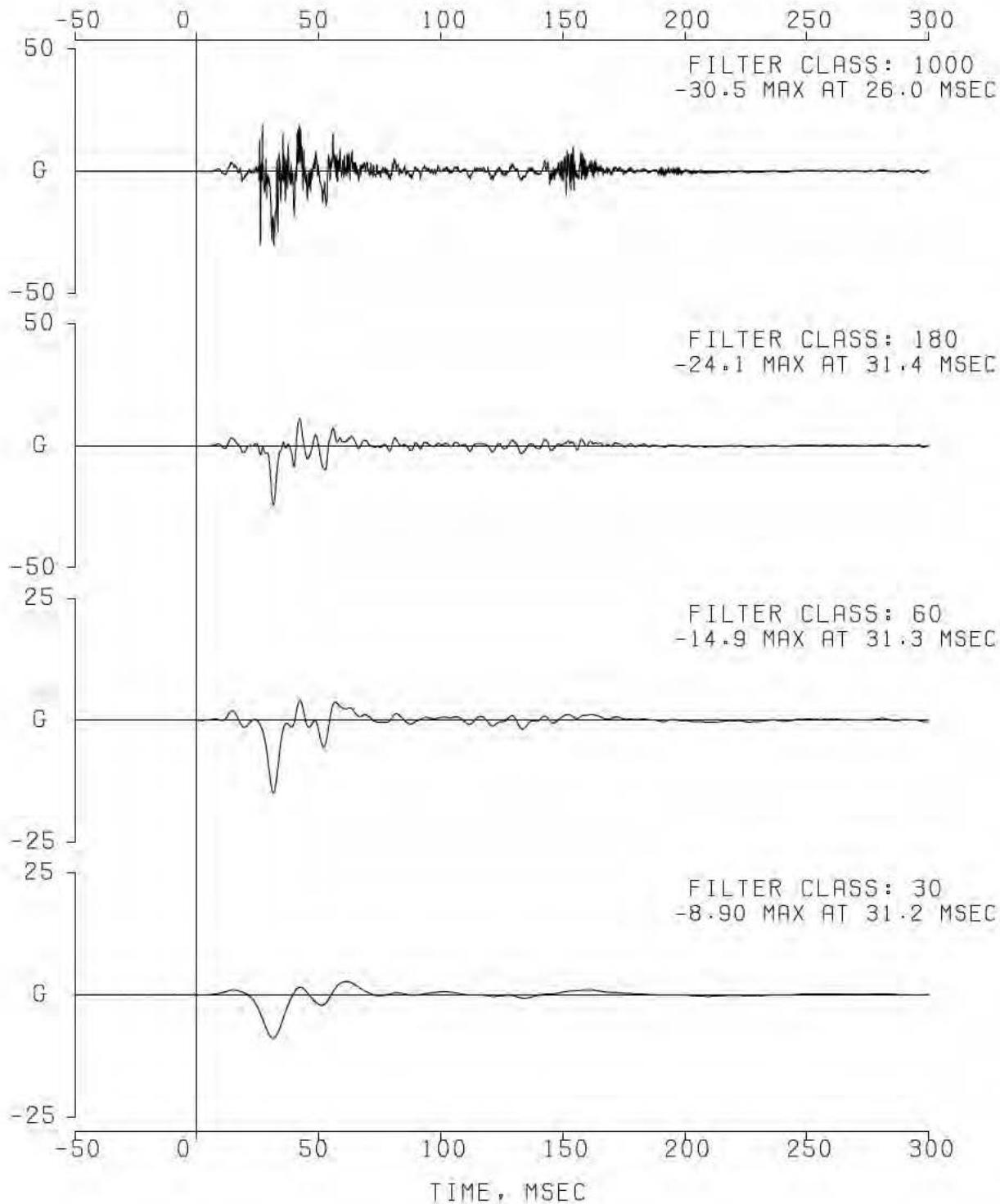
DATA SET 03/17/04BB
ERRATA 1



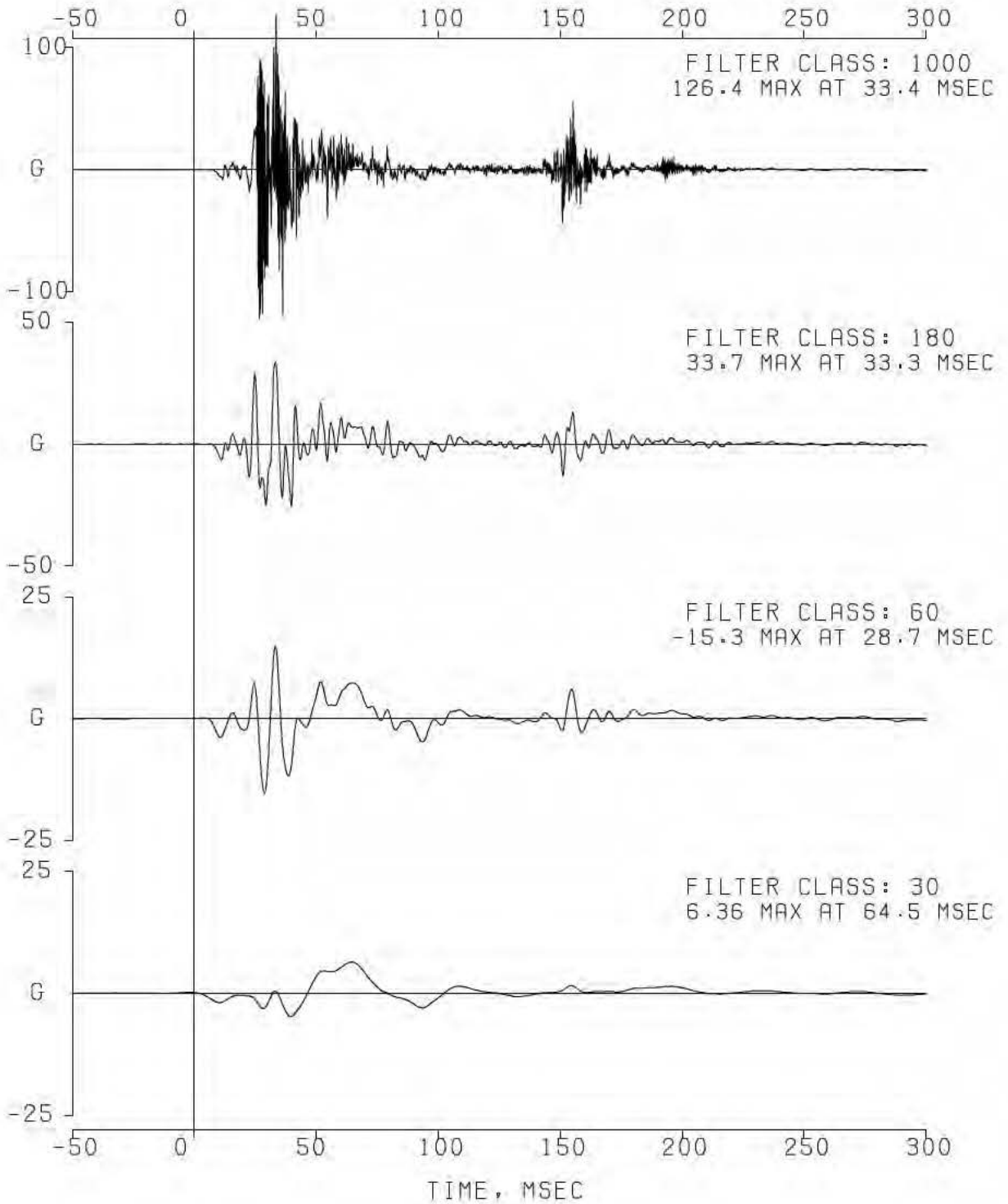
EA12-005- Chrysler -005687

COMPUTED KPH
COMPUTED CM

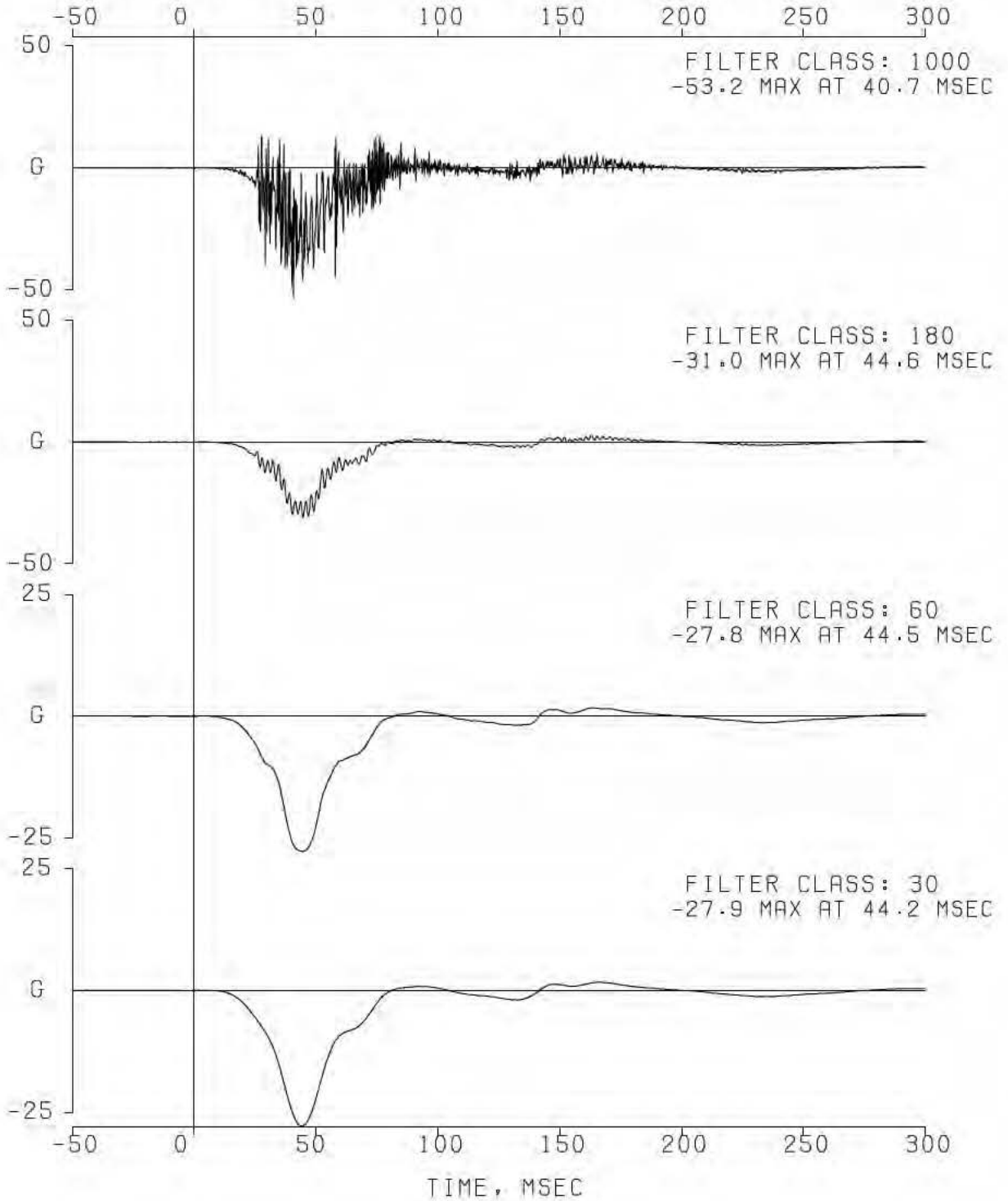
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05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 026 TRANS XMBR UDR PANDMT Y P23518
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 027 TRANS XMBR UDR PANDMT Z P17266
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 028 TRANS OVER PAD MT X P16563
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1

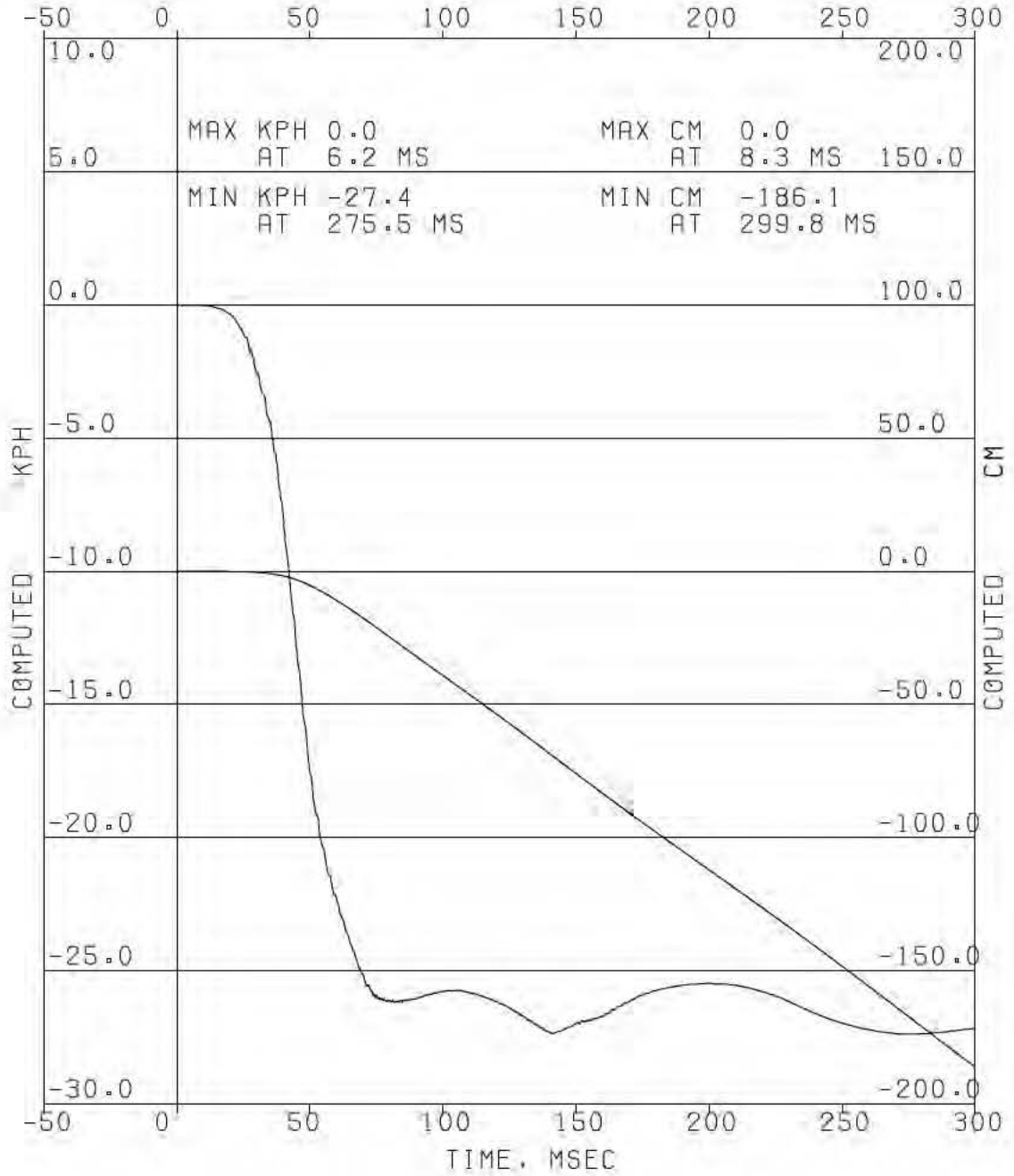


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 028 TRANS OVER PAD MT X P16563

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
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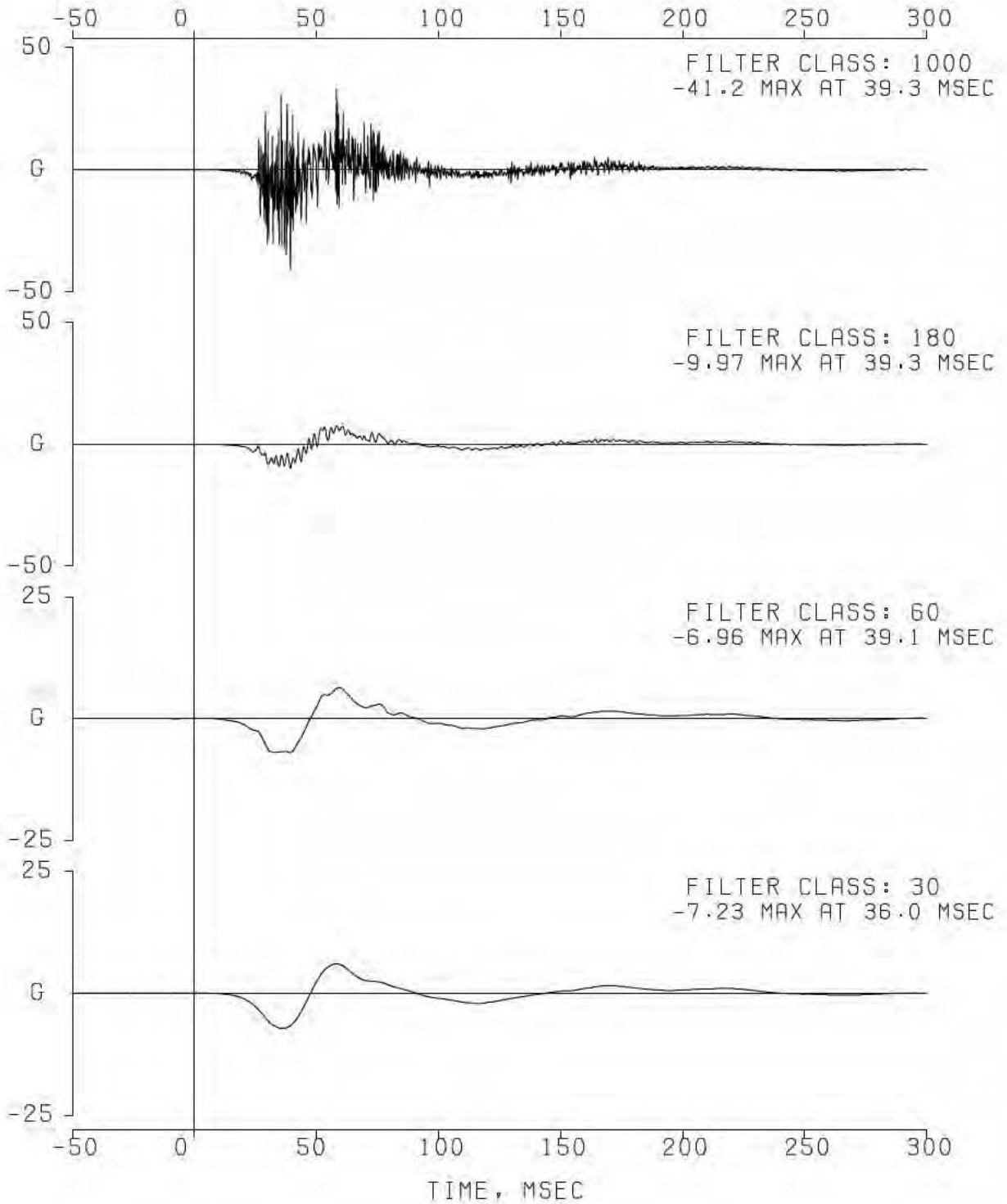
DATA SET 03/17/04BB
ERRATA 1



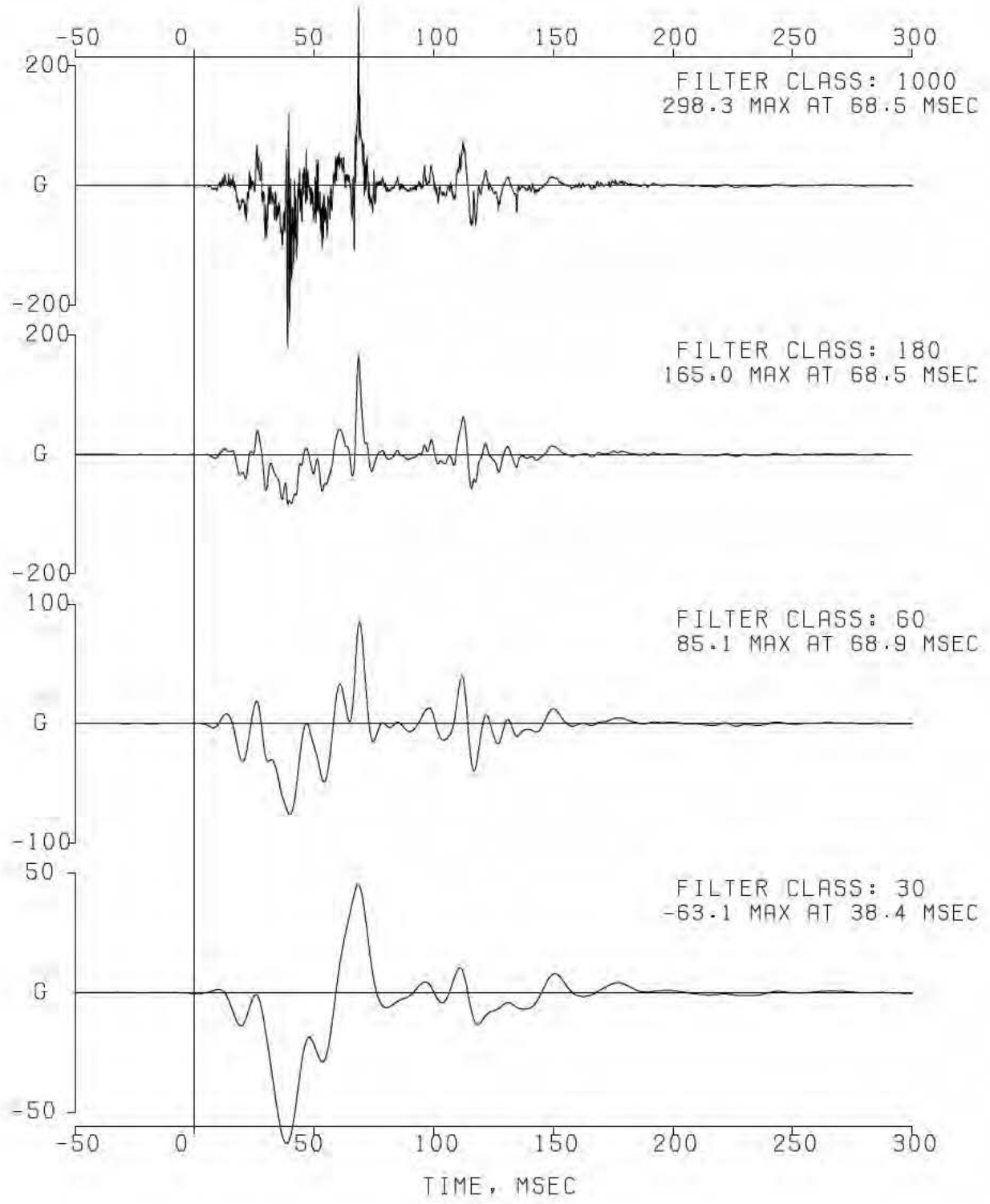
EA12-005- Chrysler -005691

COMPUTED KPH
COMPUTED CM

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 030 TRANS OVER PAD MT Z P18795
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 031 FUEL TANK TOP ACC X P22222
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 031 FUEL TANK TOP ACC X P22222

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

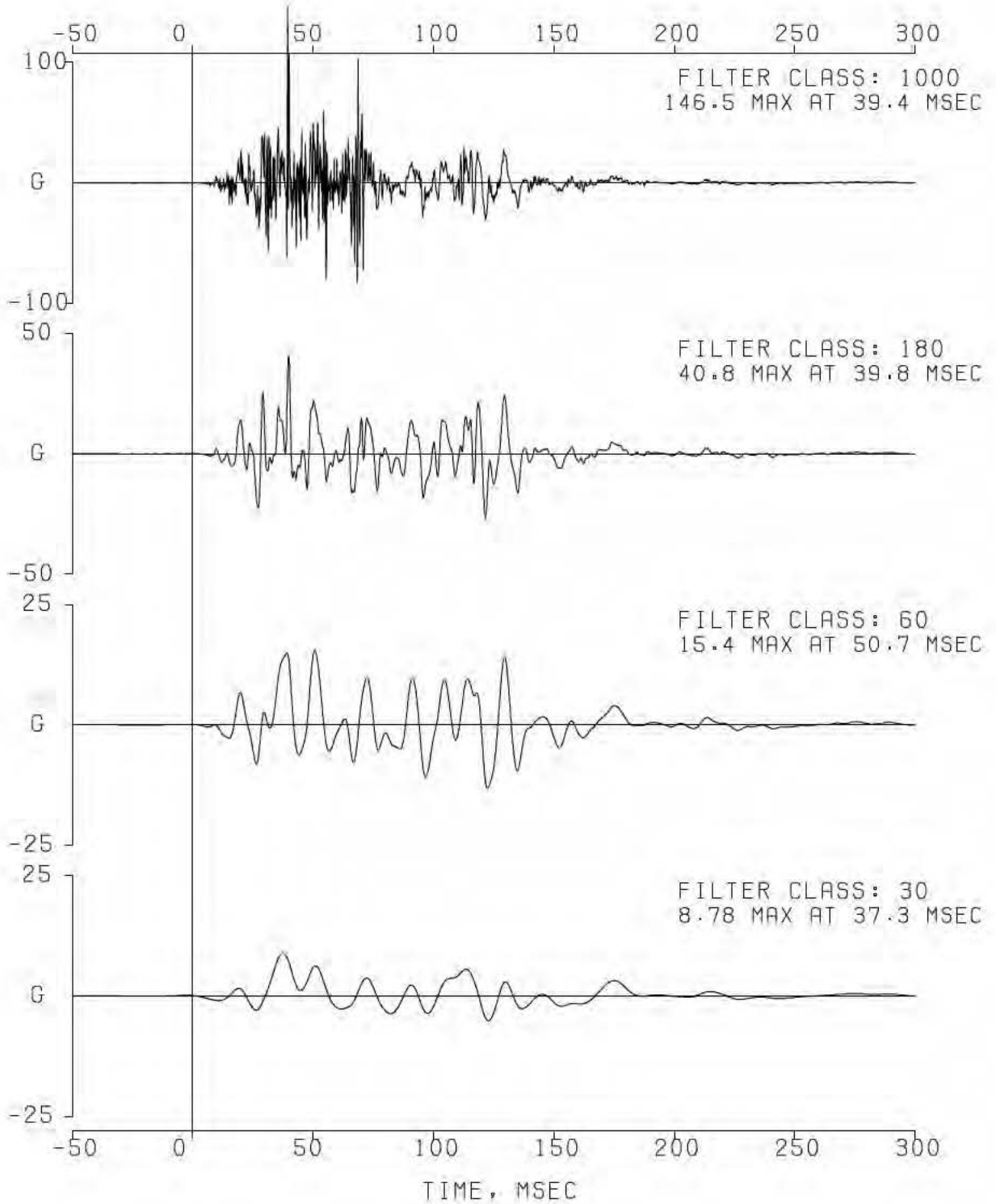
DATA SET 03/17/04BB
ERRATA 1



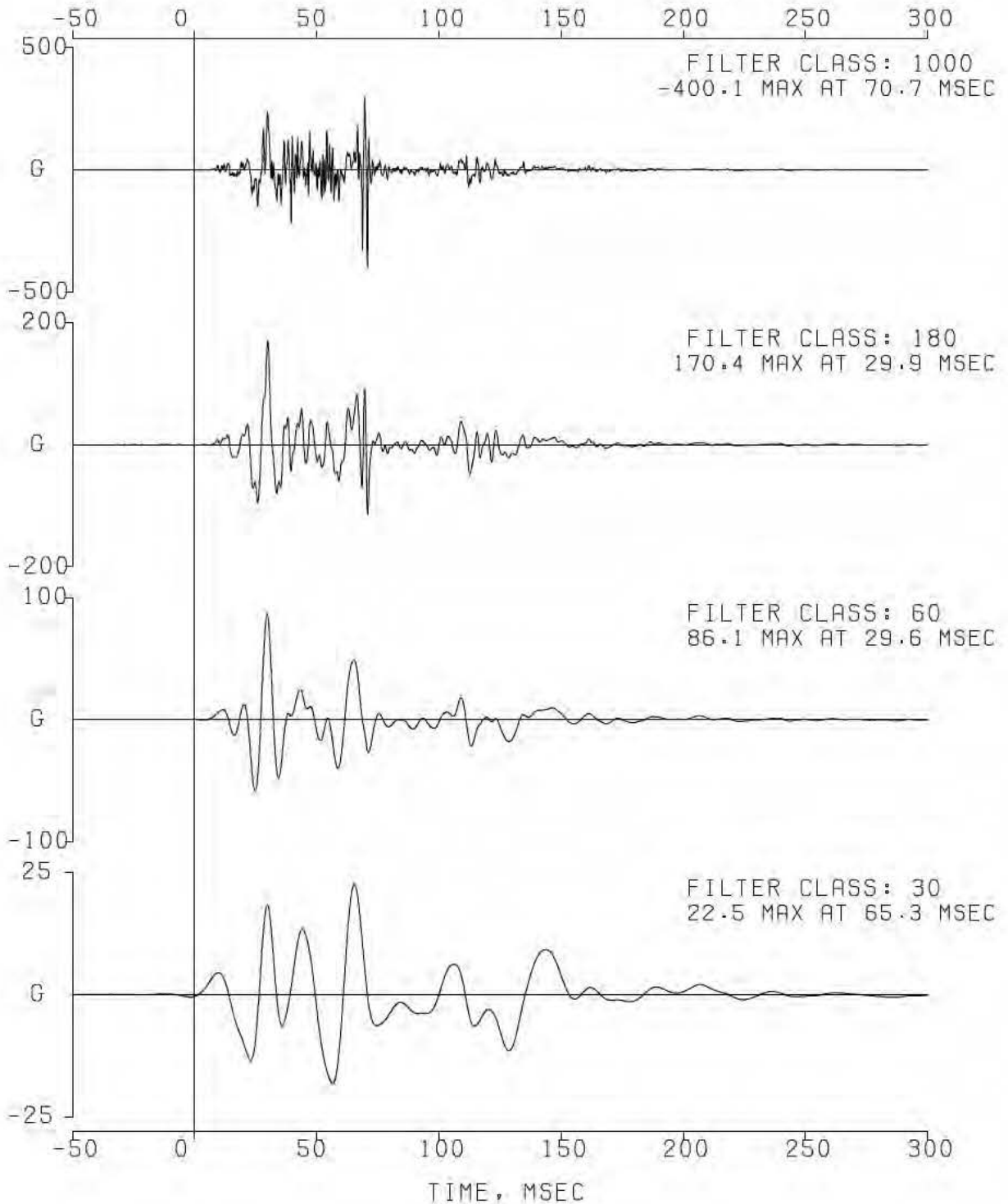
EA12-005- Chrysler -005695

COMPUTED KPH
COMPUTED CM

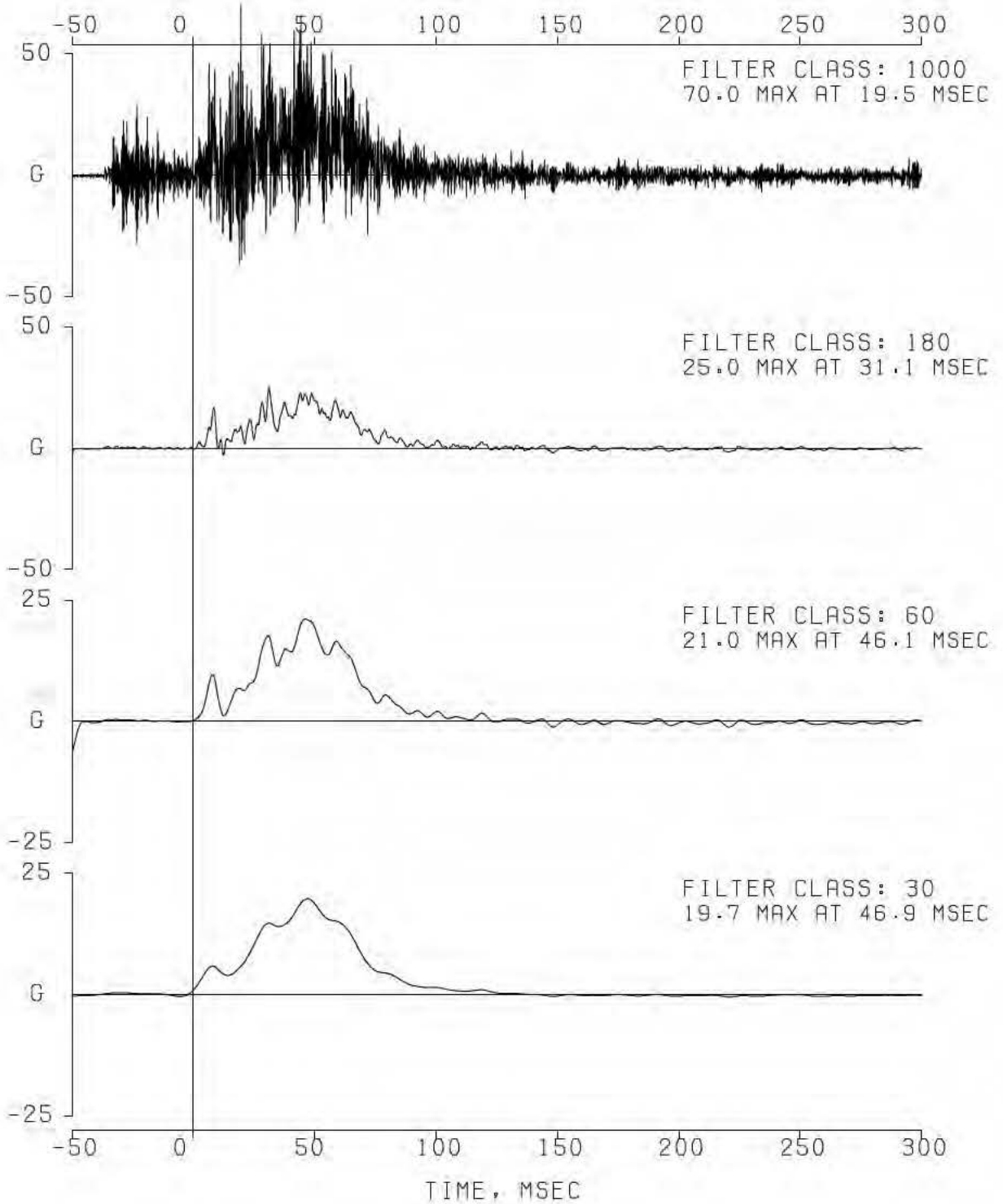
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05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 032 FUEL TANK TOP ACC Y P21284
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BB
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 033 FUEL TANK TOP ACC Z P17792
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BC
MAR 17, 2004 ERRATA 1



VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 065 M-FLAT LT RAIL MID X ETBB765
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BE
MAR 17, 2004 ERRATA 1

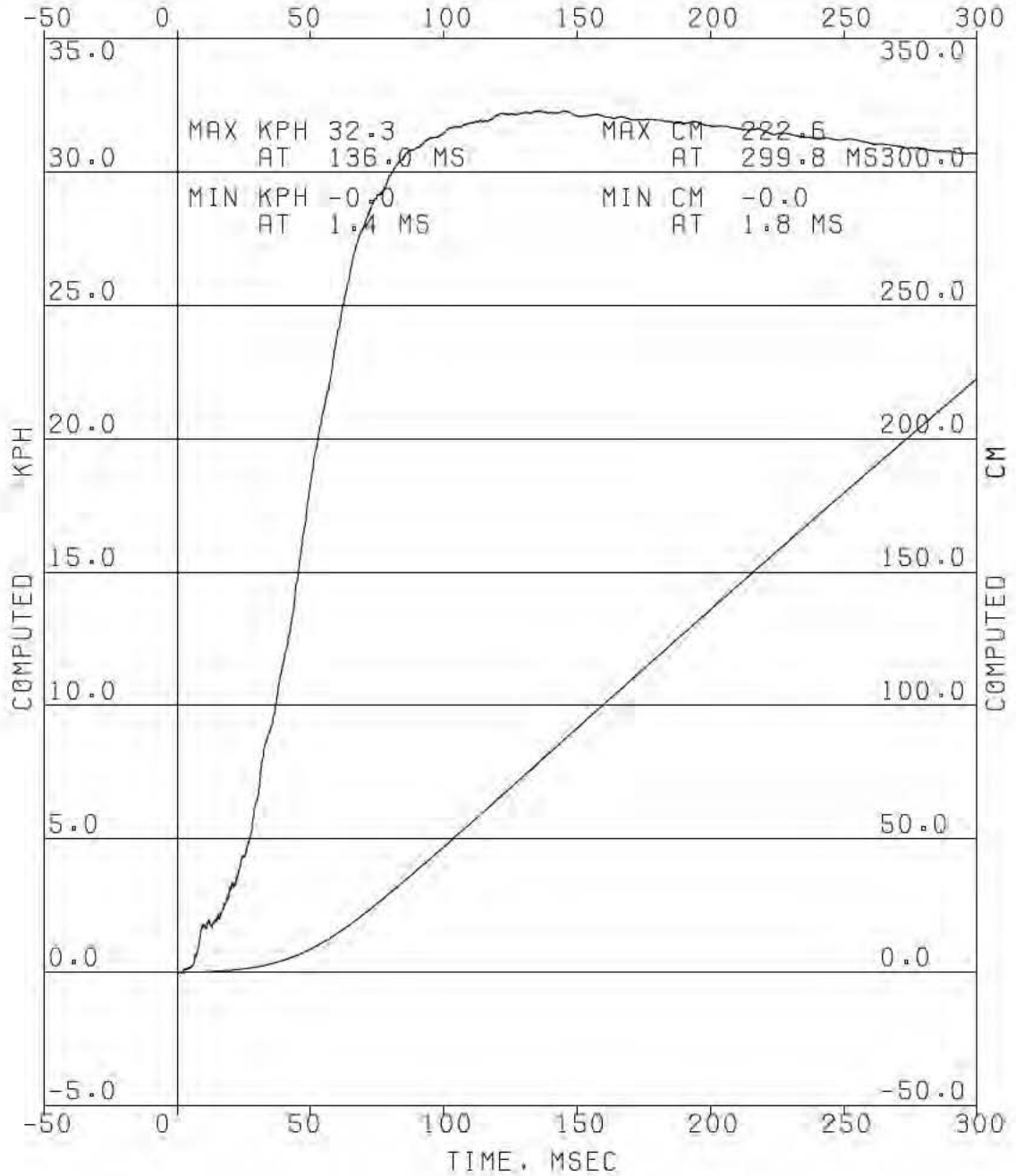


VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 065 M-FLAT LT RAIL MID X ETBB765

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

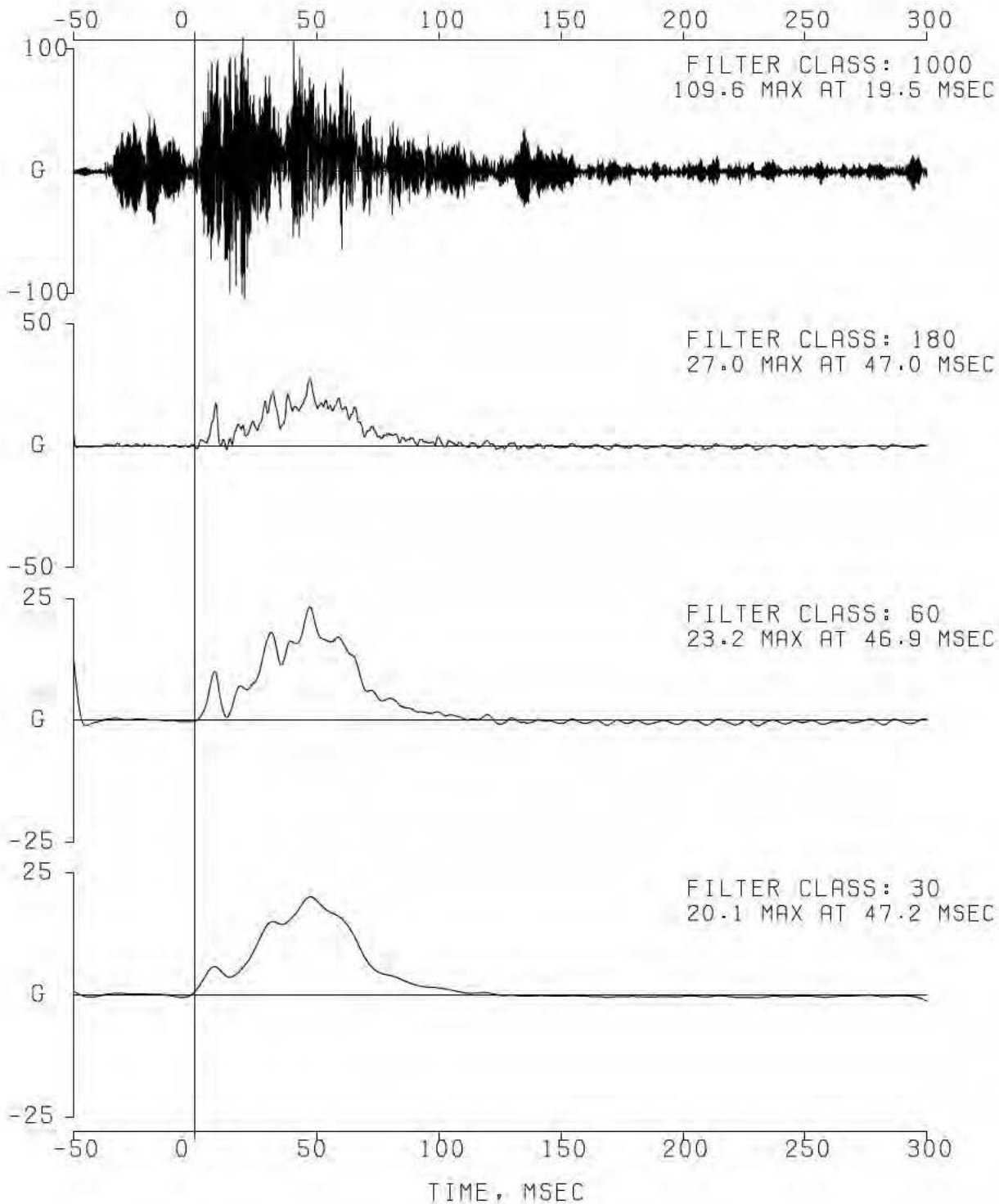
DATA SET 03/17/04BE
ERRATA 1



EA12-005- Chrysler -005699

COMPUTED KPH
COMPUTED CM

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
CHANNEL 066 M-FLAT RT RAIL MID X ETBB316
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
IMPACT ANALYSIS DEPT. 5320 DATA SET 03/17/04BE
MAR 17, 2004 ERRATA 1

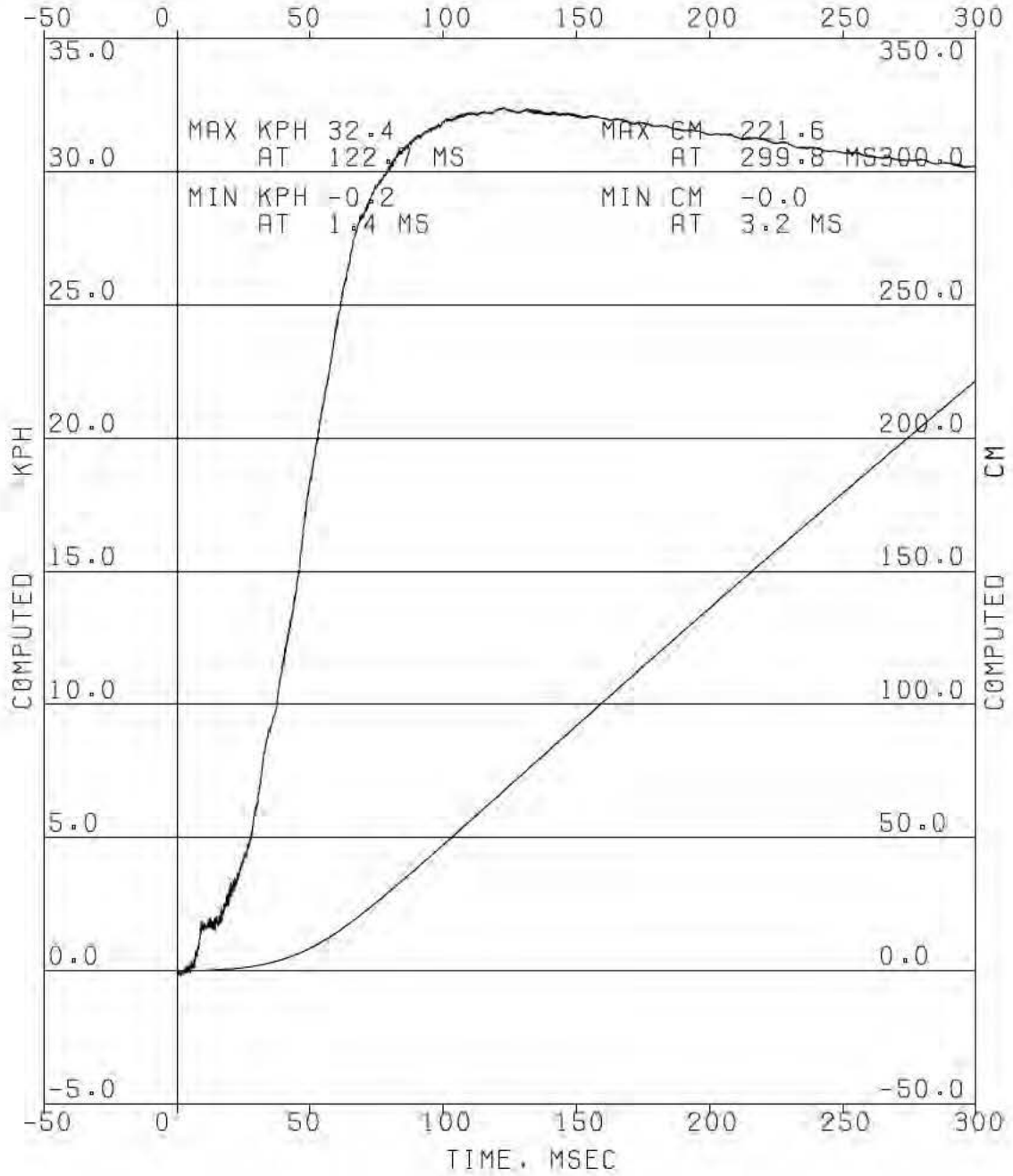


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CHANNEL 066 M-FLAT RT RAIL MID X ETBB316

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, (1650.0)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
MAR 17, 2004

DATA SET 03/17/04BE
ERRATA 1



EA12-005- Chrysler -005701

COMPUTED KPH
COMPUTED CM

TITLE: Page Index of EDP plots Pages 001 - 056
***** VC11444A ***** Page I-01
TITLE: Transducer Summary Reports Pages 001 - 006
SYSTEM: METRIC
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PAGE: 002 TSR Channels 009 - 016
PAGE: 003 TSR Channels 017 - 024
PAGE: 004 TSR Channels 025 - 032
PAGE: 005 TSR Channels 033 - 040
PAGE: 006 TSR Channels 065 - 066

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SYSTEM: METRIC

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PAGE: 008 Average of Frt Sill Chls 1 & 4
PAGE: 009 LEFT FRONT SILL X, Chl 1
PAGE: 010 LEFT FRONT SILL X, Chl 1, VD
PAGE: 011 LEFT FRONT SILL Y, Chl 2
PAGE: 012 LEFT FRONT SILL Z, Chl 3
PAGE: 013 RIGHT FRONT SILL X, Chl 4
PAGE: 014 RIGHT FRONT SILL X, Chl 4, VD
PAGE: 015 RIGHT FRONT SILL Y, Chl 5
PAGE: 016 RIGHT FRONT SILL Z, Chl 6
PAGE: 017 LEFT REAR SILL X, Chl 7
PAGE: 018 LEFT REAR SILL X, Chl 7, VD
PAGE: 019 LEFT REAR SILL Y, Chl 8
PAGE: 020 LEFT REAR SILL Z, Chl 9
PAGE: 021 RIGHT REAR SILL X, Chl 10
PAGE: 022 RIGHT REAR SILL X, Chl 10, VD
PAGE: 023 RIGHT REAR SILL Y, Chl 11
PAGE: 024 RIGHT REAR SILL Z, Chl 12
PAGE: 025 LEFT RAIL MID TANK X, Chl 13
PAGE: 026 LEFT RAIL MID TANK X, Chl 13, VD
PAGE: 027 LEFT RAIL MID TANK Y, Chl 14
PAGE: 028 LEFT RAIL MID TANK Z, Chl 15
PAGE: 029 RIGHT RAIL MID TANK X, Chl 16
PAGE: 030 RIGHT RAIL MID TANK X, Chl 16, VD
PAGE: 031 RIGHT RAIL MID TANK Y, Chl 17
PAGE: 032 RIGHT RAIL MID TANK Z, Chl 18
PAGE: 033 ENGINE BOTTOM X, Chl 19
PAGE: 034 ENGINE BOTTOM X, Chl 19, VD
PAGE: 035 ENGINE BOTTOM Y, Chl 20
PAGE: 036 ENGINE BOTTOM Z, Chl 21
PAGE: 037 FUEL TANK BOTTOM ACC X, Chl 22
PAGE: 038 FUEL TANK BOTTOM ACC X, Chl 22, VD
PAGE: 039 FUEL TANK BOTTOM ACC Y, Chl 23
PAGE: 040 FUEL TANK BOTTOM ACC Z, Chl 24
PAGE: 041 TRANS XMBR UNDR PANDMTX, Chl 25
PAGE: 042 TRANS XMBR UNDR PANDMTX, Chl 25, VD
PAGE: 043 TRANS XMBR UDR PANDMT Y, Chl 26
PAGE: 044 TRANS XMBR UDR PANDMT Z, Chl 27
PAGE: 045 TRANS OVER PAD MT X, Chl 28
PAGE: 046 TRANS OVER PAD MT X, Chl 28, VD
PAGE: 047 TRANS OVER PAD MT Y, Chl 29
PAGE: 048 TRANS OVER PAD MT Z, Chl 30
PAGE: 049 FUEL TANK TOP ACC X, Chl 31
PAGE: 050 FUEL TANK TOP ACC X, Chl 31, VD
PAGE: 051 FUEL TANK TOP ACC Y, Chl 32
PAGE: 052 FUEL TANK TOP ACC Z, Chl 33
PAGE: 053 M-FLAT LT RAIL MID X, Chl 65
PAGE: 054 M-FLAT LT RAIL MID X, Chl 65, VD
PAGE: 055 M-FLAT RT RAIL MID X, Chl 66
PAGE: 056 M-FLAT RT RAIL MID X, Chl 66, VD

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.LET.LETTER Public

VEHICLE CRASH ENGINEERING
VEHICLE CRASH TEST LETTER

PAGE 01

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
TEST DATE 03/17/04
TEST SITE CPG

TEST PURPOSE PRIMARY, 2005 USA 301-REAR DEVELOPMENT

IMPACT TYPE TARGET SPEED; 48.3 KPH
DAMAGE LOCATION; REAR (FULL)
BARRIER TYPE; REAR TYPE IV
BARRIER SURFACE; PLYWOOD

VEHICLE BODY CLASS; KJ
CAR LINE; J
BODY; 74
ENGINE; 2.8L DIESEL LITER
ENGINE NOTE;
TRANSMISSION;
TRANS. NOTE;
VIN AS TESTED; 1J4G6E8594W [REDACTED] MOD.
VIN AS BUILT; 1J4G6E8594W [REDACTED] MOD.

TEST SPEED 48.95 KPH BY TRAP AVERAGE

TEST WEIGHT (KG) 2328 TOTAL, 1228 FRONT, 1100 REAR

OCCUPANTS 1L - 50TH MALE BALLAST HYBRID 2, 0 - CH AD-47
RESTRAINT- 3-PT UNIBELT ONLY
1R - 50TH MALE BALLAST HYBRID 2, 0 - CH AD-59
RESTRAINT- 3-PT UNIBELT ONLY

BUILD CONDITION

TARGET WEIGHT (KG) 2324 TOTAL, 1232 FRONT, 1092 REAR
INCLUDING BALLAST AND OCCUPANTS

VEHICLE CRASH ENGINEERING
VEHICLE CRASH TEST LETTER

PAGE 02

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]

05 KJ, USA 301-REAR DEVELOPMENT TEST

TEST DATE 03/17/04

TEST SITE CPG

FUEL AND BALLAST 73.8 LITERS STODDARD SOLVENT
136.1 KG BALLAST WEIGHT SECURED IN CARGO AREA
249.5 KG ADDITIONAL BALLAST WEIGHT ADDED
BAGS ON REAR FLOOR

REPORT CODES A = TRANSDUCER DATA B = ALL FILM DATA

DISTRIBUTION M. STEBELTON 422-05-01 (AB)
S. MARSH 514-17-39 (AB)

DATE 03/17/04 TIME 10:59:23.

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.Photos-BuildDown



EA12-005- Chrysler -005704

VC11444



EA12-005- Chrysler -005256

VC11444



EA12-005- Chrysler -00706

VC11444



EA12-005- Chrysler -005707

VC11444

VC11444

EA12-005- Chrysler -005708





5407157
11 001 0

EA12-005 Chrysler -005709

VC11444

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.Photos-PostTest

44

19.5 gal of S.S.

FUEL TANK MODIFICATIONS
PRESSURE CHECK
O.K.
Chrysler Lab
2/16/04

1328

VC11444 Post



VC11444 Post

EA12-005- Chrysler -005711

**VC 11444
POST**



A close-up photograph of a red braided hose, likely a fuel or coolant line, running through a vehicle's engine compartment. The hose is connected to a metal fitting and is surrounded by various engine components and metal parts. The text "VC 11444 POST" is overlaid in yellow on the left side of the image.

**VC 11444
POST**

**VC 11444
POST**

DO NOT REMOVE

DO NOT REMOVE!

Jeep

DO NOT REMOVE

CFD

EA12-005- Chrysler -005714

+

11444

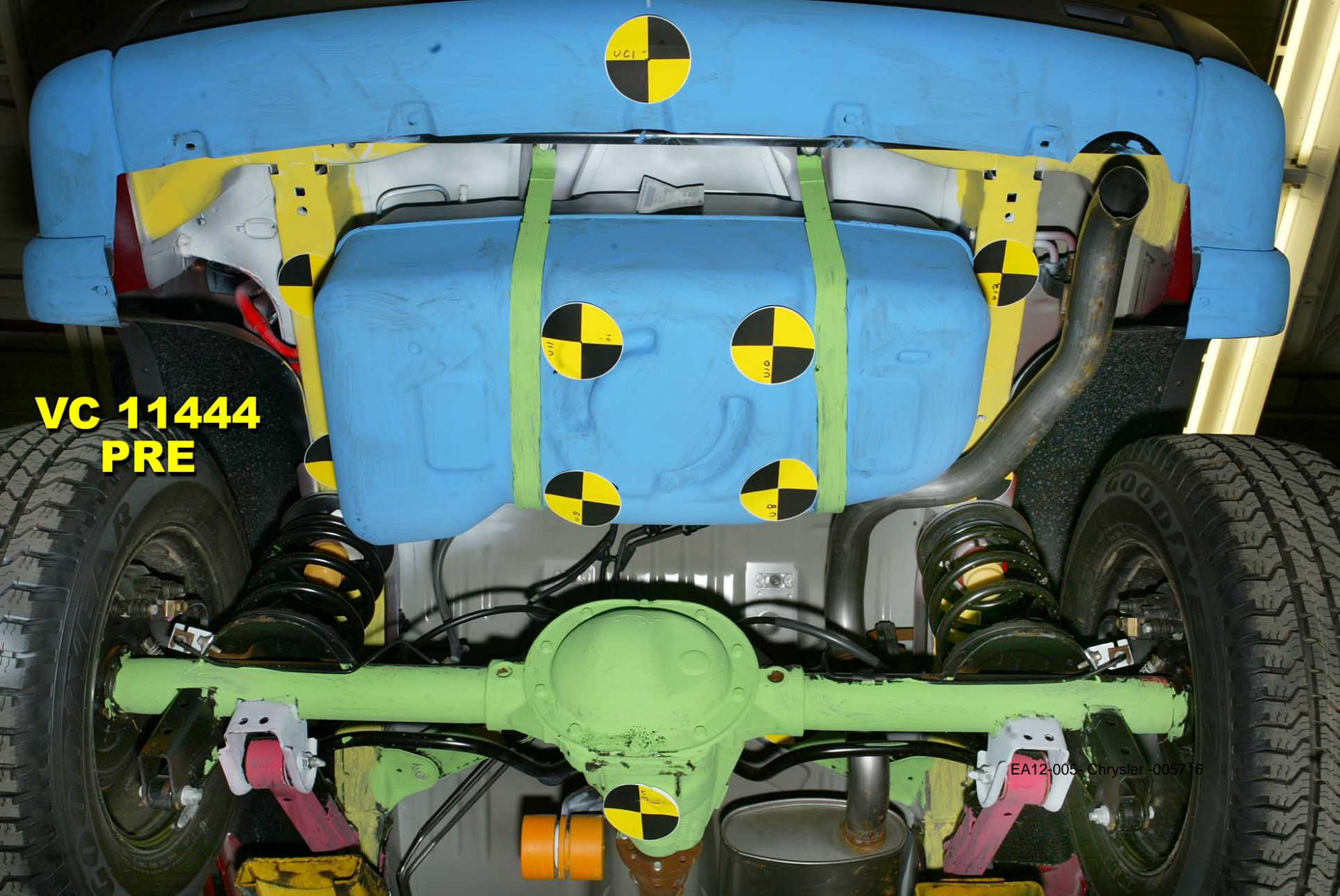
**VC 11444
POST**



EA12-005-Chrysler-005715

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.Photos-PreTest

**VC 11444
PRE**



EA12-005-Chrysler-005716



**VC 11444
PRE**

**VC 11444
PRE**



VC 11444
PRE

FUEL

Do NOT Remove!!

Do NOT Remove!

Jeep

CRD

Do NOT Remove!



EA12-005- Chrysler -005720

VC 11444
PRE

19.5 gal of S.S.

FUEL TANK MODIFICATIONS
PRESSURE CHECK
O.K.
Cavalina Cabal
3/16/04

TO DO BEFORE PDR
DA
COM
VC11444
DATE: 3/16/04
BATTERIES CHARGED
ANY BATTERY DEF
DATE: 3/16/04

132.8

VC11444 Pre



CHECK COMPLETE
REMOVE & DISCONNECT
FOR INSPECTION

NOT Remove!!

Jeep
Do NOT move!

Do NOT Remove!

Jeep

CRD

EA12-005- Chrysler -005722

VC11444 Pre

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.REQ.TEST_REQUE
ST Public

Test Request for VC11444/ JPE Item No.: 4W [REDACTED]

Doc. Rev. #: 9


Key People:	Copied From: 4W186984
*Test Requester: Suzanne M Marsh/JTE/DCC/ DCX Platform: JPE Phone: 733-3084 <small>Others to be copied on correspondence related to this test:</small>	TEST STATUS: TEST COMPLETE <p style="text-align: right;">Test Completed on 03/17/2004</p> TEST SITE: CPG SLOT #: 1st Test of the Day SCHEDULED DATE: 03/17/2004 12:00:00 AM LAST MODIFIED / BY: 03/17/2004 11:05:22 AM by: Joseph C Blaska <u>REQUESTOR'S NOTE PAD:</u>

INVOICE INFORMATION (Service Center Purpose)	
LOCATION:	1275
DEPARTMENT:	1060
COMMIT NUMBER:	AVPT
DO NUMBER:	2005 KJ74 MAJOR

<u>CPG Personnel Assigned to This Test:</u>	<u>Data Acquisition Engineer(s)</u>
Test Engineer(s)	
Test Engineer Assigned: John P Manney - 836-5363	Data Acquisition Test Engineer: Joseph C Blaska - 836-5176
Test Engineer Check Completed By:	Data Acquisition Check Completed By: Tim W Lackey - 836-5098
Test Engineer Test Day:	Data Acquisition Write-Up Engineer: Joseph C Blaska - 836-5176
Film Analysis Liaison: Andre S Dsouza - 722-1916	INSTRUMENTATION SECTION REVIEW COMPLETED BY: Norman D Post on 01/29/2004 08:57 AM

Test Requested:

MVSS 301 30MPH Flat Rear Impact

*Procedure (Select One): SLTI3500 *Target Speed: 48.3 KPH (30.0 MPH)  mph->kph *Best Estimate of Ship Date: 01/14/2004 <small>Estimated Schedule Date: 03/17/2004 Estimated Vehicle Buildup (Days): 7.06</small> Specific Test Date Required?: *When this test is complete, please send	Regulatory Purpose(s): <small>(used to determine numeric processing)</small> PRIMARY, 2005 USA 301-REAR DEVELOPMENT
---	--

test property to: PROC	
*Stage of Development: <input type="radio"/> Compliance <input checked="" type="radio"/> Development	Priority (optional): <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C


***** All Required fields (*) must be entered up to this point for test specification to be accurate *****

Occupants For This Test:

1L - (Standard) H2-50TH MALE BALLAST DUMMY, 0 - CH, RESTRAINT- 3-PT UNIBELT ONLY, AD-47
1R - (Standard) H2-50TH MALE BALLAST DUMMY, 0 - CH, RESTRAINT- 3-PT UNIBELT ONLY, AD-59

FILM ANALYSIS AND PHOTOGRAPHIC VIEWS:

<p>Film Analysis Ordered: DYNAMIC CRUSH REAR UNDERBODY REAR - FLAT IMPACT</p> <p>Film Analysis "If Requested": VELOCITY</p> <p>Test Site Constraints based on Film Analysis: Advanced Film Analysis Req'd: CPG site recommended</p> <p>Film Analysis Requested - Custom: No Custom</p>	 <p>Photographic Views Required:</p> <ul style="list-style-type: none"> >>LEFT LOW TARGETS >>LEFT HIGH TARGETS >>PIT NORTH MID TARGETS >>PIT SOUTH REAR TARGETS >>VELOCITY HG2000 >>CATWALK VEHICLE REAR MDB INTERACTION >>RIGHT OVERALL >>PIT FUEL FILLER TUBE >>PIT FUEL TANK: view to show entire tank plus axle and rear cross member >>LEFT OVERALL <hr/> <p><u>IMAGING PRODUCT ORDER:</u> VCE PROVIDES ONE ORIGINAL AND ONE PRINT 16 MM FILM REEL WITH EACH TEST.</p>
--	--

 Still Photos Required:		
STANDARD VIEWS FOR: REAR		
	PRE	POST
TOP REAR BOTTOM REAR FUEL FILL TUBE FILLER KEYWAY		
ADDITIONAL STILL PHOTOS:		
Pre-Test Still Photo: top rear		
Pre-Test Still Photo: bottom rear		
Pre-Test Still Photo: fuel filler tube		
Pre-Test Still Photo: filler keyway		
Post-Test Still Photo: top rear		
Post-Test Still Photo: bottom rear		
Post-Test Still Photo: fuel filler tube		
Post-Test Still Photo: filler keyway		

FILM ANALYSIS REPORT UPDATE:
(This Section Indicates the Status of Film Analysis Completion)

FA NAME	PUBLISHED	REISSUED	CANCELLED	COMMENTS
---------	-----------	----------	-----------	----------



Vehicle Information:

<p>Program: 05 KJ </p> <p>Core Item No.: 4W [REDACTED]</p> <p>NOTE: the Core Item No. cannot exceed 10 characters in length.</p> <p>Restrike No.: R</p> <p><input type="checkbox"/> Right-Hand Drive <input type="checkbox"/> Competitive Car</p> <p>CAR LINE: J BODY: 74 Number of Doors in this Vehicle: 4 Vehicle Build Level: V1</p> <p>Other Vehicle Configuration Flag (optional word or short phrase to use in further sorting of platform reports):</p> <p>VIN(as built): 1J4G6E8594W [REDACTED] VIN(as tested): 1J4G6E8594W [REDACTED]</p>	<p>Vehicle Readiness to Ship:</p> <p><i>THIS IS A MINIMALLY MODIFIED VEHICLE, NO CHECKLIST IS REQUIRED</i></p>									
<p>ENGINE: 2.8L DIESEL Liters ENGINE NOTE:</p> <p>TRANSMISSION: TRANS. NOTE:</p> <p>DRIVE: 4 X 4</p> <p>GVW (opt): kg</p>	<p>Vehicle Logistics:</p> <p>Note: Vehicle must be fully inspected prior to shipment to test site.</p> <p><input type="checkbox"/> Yes</p> <table border="0"> <tr> <td></td> <td style="text-align: center;">Start Date:</td> <td style="text-align: center;">End Date:</td> </tr> <tr> <td>EMD Work Oder:</td> <td></td> <td></td> </tr> <tr> <td>Wet Fuels Work Order:</td> <td></td> <td></td> </tr> </table> <hr/> <p>Shipped to Test Site: Rec'd at Test Site: 01/07/2004 Returned from Test Site: When I expect vehicle to be off hold:</p>		Start Date:	End Date:	EMD Work Oder:			Wet Fuels Work Order:		
	Start Date:	End Date:								
EMD Work Oder:										
Wet Fuels Work Order:										



Instrumentation Build Info:

General Instrumentation Requirements:	
<p>Modules Used:</p> <p>Other Notes:</p>	<p>Pyrotechnics Used:</p> <p>Deployment Method: No Deployment</p>

	Deployment Notes:
--	-------------------

Vehicle Channel Entry:	List of Dummy Channel Titles Used on this Test:
<div style="background-color: #d3d3d3; padding: 2px; margin-bottom: 5px;">Create New Instrumentation Sheet</div> <p>Attach Instrumentation Sheet Here: <i>DO NOT ATTACH MORE THAN ONE FILE TO THIS FIELD.</i></p> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;"> </div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">4W...nstV2.xl</div> <div style="border: 1px solid black; padding: 2px; margin-left: 5px;">Attach New or Replacement Sheet</div> </div> <ul style="list-style-type: none"> Protected section of instrumentation sheet indicates minimum instrumentation requirements for the test selected and may only be modified by your Data Acquisition Engineer. Please indicate all changes made to the spreadsheet after Test Request submission at the base of the spreadsheet. 	BALLAST DUMMY- NO CHANNELS-1L BALLAST DUMMY- NO CHANNELS-1R

Total Occupant Channels: 0 Total Vehicle Channels: 33 Estimated Vehicle Buildup Time (days): 7.06 TOTAL ON-BOARD CHANNELS FOR THIS TEST: 33	Total Data Acq. Boxes Required: 2 Channels in Last Data Acq. Box : 1 out of 32
---	--

Build Condition as Reported in Test Letter:



Test Weight:

Target Test Weight Requested Please note: This is an approximate value and includes vehicle, ballast, fuel, ATDs, and instrumentation.	Weight Balance and Luggage: Please note: <u>This section is OPTIONAL.</u> Values entered here are approximate.
--	--

1 POUND WEIGHT = 0.4536 KILOGRAMS (KG)

Total Target Test Weight: 2324 kg (5,123 lbs)



lb->kg

Weight Adjustment Method:

(standard procedure to be used unless otherwise specified.
Define which parts should be removed first if the vehicle is over the target weight after occupants and instrumentation are added)

Weight represents heaviest domestic diesel, 2005 Liberty Limited
2.8L 4x4 + 2 male occupants + luggage = 4493.2 bs + 330lbs +
300 bs = 2038.1kg + 149.7kg + 136.1kg = 5123.2lbs = 2323.9kg

Total Front 1,232 kg (2,716 lbs)



lb->kg

Total Rear 1,092 kg (2,407 lbs)



Luggage: 136.1 kg



lb->kg

ACTUAL TEST WEIGHT: 2328 KG

WEIGHT BALANCE:

- TOTAL FRONT: 1228 KG

- TOTAL REAR: 1100 KG

ADDITIONAL BALLAST INSTALLED: 249.5 KG

DETAIL OF ADDITIONAL BALLAST INSTALLED: BAGS ON REAR FLOOR

ACTUAL TEST SPEED: 48.95 KPH

SPEED DETERMINED BY: TRAP AVERAGE



Mechanical Requirements:

Specific Work to Be Done at Test Site:

CAUTION: - ensure [UNLOCK] button is pressed after final powering-up of vehicle electrical system
 CAUTION: - ensure doors are closed but not locked before test
 CAUTION: - ensure all five tire pressures are set to recommended setting of 33 psi
 CAUTION: - BCM CHECK to ensure rolling locks disabled-BODY-BODY-CONFIG-ROLL LKS
 CAUTION: - do not remove the access panel in cargo area
 CAUTION: - ensure the parking brake is disengaged, the transmission is in neutral, and the T-case is in neutral
 Part R&R: remove trailer hitch, fuel tank skid plate, and rear tow hooks if present
 Part R&R: ROTATE FUEL MODULE 180 DEG - ports facing rear - see attach
 Part R&R: replace REAR FUEL LINES with lines to accommodate 180 deg modules - to be delivered approx Marsh 12 by c.chiodo 733-7626
 DO NOT DISTURB: flipper glass, swing gate, and spare tire
 TEST VEHICLE WITH 19.5 GALLONS STODDARD IN FUEL SYSTEM
 FUEL FILL TO SPEC IS MANDATORY
 PRE-TEST PRESSURE CHECK REQUIRED
 STATIC ROLL ASSESSMENT REQUIRED (SLWI3532)
 Steering Column Setting: mid
 Seat Back Setting: 23.5
 Seat Head Restraint Setting: highest position possible
 Seat Track Setting: mid position
 ATL Setting: mid track - second notch from top
 Pre-Test Measurement: - vehicle attitude AS RECEIVED
 Pre-Test Measurement: - tire pressures AFTER BUILD-UP - adjust to 33psi if necessary
 Pre-Test Measurement: - vehicle attitude AFTER BUILD-UP - adjust as required
 Paint: floor pan around the gas tank and above the fuel filler tube in a bright color for contrast during filming

Work Orders for This Test:

PRE TEST:	POST TEST:
2004-10176: COMPLETE	

Extra Attachments, Rich Text or Additional Info here if required:



INSTRUCTIONS TO ROTATE FUEL MODULE 180DEG => 05KJ Diesel Impact VC Retrofit-02030

Document Information

Date Created: 01/12/2004 02:51 PM	Last Edited: 03/17/2004 11:05:22 AM
Created By: Suzanne M Marsh/JTE/DCC/DCX	Edited By: Joseph C Blaska/CPG/DCC/DCX

Edit History:

Edit History:			
2/2/2004 9:06:23 AM	Christine M Durst	EditApprovalStatus [] --> [**** TEST REQUEST INITIALLY APPROVED ****] MOD FIED /Rev#:1	
2/2/2004 9:06:23 AM	Christine M Durst	SchedTest [] --> [02/16/2004 12:00:00 AM] MODIF ED /Rev#:1	
2/2/2004 9:06:23 AM	Christine M Durst	Slot [] --> [tbd] MOD FIED /Rev#:1	
2/2/2004 9:06:23 AM	Christine M Durst	TestNo [] --> [VC11444] MODIF ED /Rev#:1	
2/3/2004 2:13:47 PM	Christine M Durst	SchedTest [02/16/2004 12:00 00 AM] --> [] MODIF ED /Rev#:2	
02/03/2004 02:14:18 PM	Christine M Durst:	Additional Comments: TEST PLACED ON HOLD PER SUE MARSH ON 02/03/04 /Rev#:2	
3/5/2004 10:54 36 AM	Christine M Durst	MECHlistall [Pre-Test Measurement: Install and dimension 2D tube] REMOVED /Rev# 3	
3/5/2004 10:54 36 AM	Christine M Durst	SchedTest [] --> [03/15/2004 12:00:00 AM] MOD FIED /Rev#:3	
3/8/2004 8:17:14 AM	Suzanne M Marsh	BuildConditionMods [- ROTATED FUEL MODULE 180DEG REMOVED LOCATING NOTCH] ADDED /Rev#:4	
3/8/2004 8:17:14 AM	Suzanne M Marsh	BuildConditionMods [- REPLACED RR FUEL LINES TO MATCH 180DEG MODULE] ADDED /Rev#:4	
3/8/2004 8:17:14 AM	Suzanne M Marsh	MECHlistall [Part R&R: replace REAR FUEL LINES with shock loop lines - to be delivered approx week of Feb 2nd] REMOVED /Rev#:4	
3/8/2004 8:17:14 AM	Suzanne M Marsh	MECHlistall [Part R&R: ROTATE FUEL MODULE 180 DEG - ports facing rear - see attach] ADDED /Rev#:4	
3/8/2004 8:17:14 AM	Suzanne M Marsh	MECHlistall [Part R&R: replace REAR FUEL LINES with lines to accomodate 180 deg modules - to be delivered approx Marsh 12 by c chiodo 733-7626] ADDED /Rev#:4	
3/8/2004 8:17:14 AM	Suzanne M Marsh	AttachmentList [4W1 [REDACTED] instV2.xls:199680] --> [4W [REDACTED] nstV2.xls:199680;05KJ Diesel Impact VC Retrofit-020304.pdf:218543] MODIFIED /Rev#:4	
03/08/2004 08:17:24 AM	Suzanne M Marsh:	Additional Comments: ADDED NSTRUCTIONS TO ROTATE FUEL MODULE 180 DEGREES - PORTS FAC NG REARWARD - AND REPLACE REAR FUEL LINES - TO REPLICATE PRODUCTION NTENT DIESEL FUEL DESIGN /Rev#:4	
3/9/2004 9:40:35 AM	Christine M Durst	SchedTest[3/15/2004] --> [3/16/2004] MODIF ED / Rev# 5	
3/11/2004 1:06:19 PM	Glenn A Buss	Slot[tbd] --> [2nd] MOD FIED / Rev# 6	
3/15/2004 9:14 28 AM	John P Manney	[UPDATES TO THE PHOTOGRAPHIC VIEW SECTION] /Rev#:	
3/15/2004 9:15 27 AM	John P Manney	[UPDATES TO THE PHOTOGRAPHIC VIEW SECTION] /Rev#:	
03/17/2004 10:53:05 AM	John P Manney	FINAL TEST LETTER REVISED	
03/17/2004 10:53:05 AM	John P Manney	Resubmit Comments	
03/17/2004 10:52:48 AM	John P Manney	FINAL TEST LETTER REVISED	
03/17/2004 10:52:48 AM	John P Manney	Resubmit Comments	
03/17/2004 10:52:31 AM	John P Manney	FINAL TEST LETTER REVISED	
03/17/2004 10:52:31 AM	John P Manney	Resubmit Comments	
03/17/2004 10:51:55 AM	John P Manney	FINAL TEST LETTER SUBMITTED	
3/15/2004 9:15:41 AM	John P Manney	FAPVListDupViews [LEFT WALKWAY TARGETS OVERALL] REMOVED /Rev#:7	
3/15/2004 9:15:41 AM	John P Manney	FAPVListDupViews [LEFT LOW TARGETS] ADDED /Rev#:7	
3/15/2004 9:15:41 AM	John P Manney	FAPVListDupViews [LEFT HIGH TARGETS] ADDED /Rev#:7	
3/15/2004 3:43:42 PM	Christine M Durst	SchedTest[3/16/2004] --> [3/17/2004] MODIFIED / Rev# 8	
3/15/2004 3:44:25 PM	Christine M Durst	Slot[2nd] --> [1st] MODIFIED / Rev# 9	

Last Edit:

03/17/2004 10:53:05 AM John P Manney FINAL TEST LETTER REVISED
03/17/2004 10:53:05 AM John P Manney Resubmit Comments
03/17/2004 10:52:48 AM John P Manney FINAL TEST LETTER REVISED
03/17/2004 10:52:48 AM John P Manney Resubmit Comments
03/17/2004 10:52:31 AM John P Manney FINAL TEST LETTER REVISED
03/17/2004 10:52:31 AM John P Manney Resubmit Comments
03/17/2004 10:51:55 AM John P Manney FINAL TEST LETTER SUBMITTED
3/15/2004 9:15:41 AM John P Manney FAPVListDupViews [LEFT WALKWAY TARGETS OVERALL] REMOVED /Rev#:7
3/15/2004 9:15:41 AM John P Manney FAPVListDupViews [LEFT LOW TARGETS] ADDED /Rev#:7
3/15/2004 9:15:41 AM John P Manney FAPVListDupViews [LEFT HIGH TARGETS] ADDED /Rev#:7
3/15/2004 3:43:42 PM Christine M Durst SchedTest[3/16/2004] --> [3/17/2004] MODIFIED / Rev# 8
3/15/2004 3:44:25 PM Christine M Durst Slot[2nd] --> [1st] MODIFIED / Rev# 9

[Click here to view previous edits](#)

Old Change Method Info

History of Changes to This Record After Test Request Approval:

Date/Time	Edited By	Description
	Suzanne M Marsh/JTE/DCC/DCX	TEST REQUEST INITIALLY APPROVED

EA12-005
CHRYSLER
12-13-2012
Enclosure 6B
301 Developmental Crash
Tests Public
KJ Development Crash Test
VC11444.TVA.TVALUE
Public

DATE 03/17/04
TIME 12:11:59.

ELECTRONIC DATA PROCESSING
EDP TEST LETTER

VEHICLE CRASH ENGINEERING
DEPT 5320

VC11444 ITEM 4W [REDACTED]
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W182210
05 KJ, USA 301-REAR DEVELOPMENT TEST
TEST DATE 03/17/04
TEST SITE CPG

TEST PURPOSE PRIMARY, 2005 USA 301-REAR DEVELOPMENT

IMPACT TYPE TARGET SPEED; 48.3 KPH
DAMAGE LOCATION; REAR (FULL)
BARRIER TYPE; REAR TYPE IV
BARRIER SURFACE; PLYWOOD

VEHICLE BODY CLASS; KJ
CAR LINE; J
BODY; 74
ENGINE; 2.8L DIESEL LITER
ENGINE NOTE;
TRANSMISSION;
TRANS. NOTE;
VIN AS TESTED; 1J4G6E8594W [REDACTED] MOD.
VIN AS BUILT; 1J4G6E8594W [REDACTED] MOD.

TEST SPEED 48.95 KPH BY TRAP AVERAGE

TEST WEIGHT (KG) 2328 TOTAL, 1228 FRONT, 1100 REAR

OCCUPANTS 1L - 50TH MALE BALLAST HYBRID 2, 0 - CH AD-47
RESTRAINT- 3-PT UNIBELT ONLY
1R - 50TH MALE BALLAST HYBRID 2, 0 - CH AD-59
RESTRAINT- 3-PT UNIBELT ONLY

BUILD CONDITION

TARGET WEIGHT (KG) 2324 TOTAL, 1232 FRONT, 1092 REAR
INCLUDING BALLAST AND OCCUPANTS

FUEL AND BALLAST 73.8 LITERS STODDARD SOLVENT
136.1 KG BALLAST WEIGHT SECURED IN CARGO AREA
249.5 KG ADDITIONAL BALLAST WEIGHT ADDED
BAGS ON REAR FLOOR

DATE 03/17/04
TIME 12:11:59.

ELECTRONIC DATA PROCESSING
EDP TEST LETTER

VEHICLE CRASH ENGINEERING
DEPT 5320

VC11444 ITEM 4W [REDACTED]
VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST
TEST DATE 03/17/04
TEST SITE CPG
EDP TECHNICIAN S. MARCHENIA

No. of Pages 56
CC

S. MARSH 514-17-39
M. STEBELTON 422-05-01

DATE 03/17/04
TIME 12:12:39.

TEST VALUES
EDP CHANNEL SUMMARY

SAFETY TEST
DEPT 5320

VC11444 48.3 KPH REAR (FULL) TYPE IV ITEM 4W [REDACTED]
05 KJ, USA 301-REAR DEVELOPMENT TEST

TEST DATE 03/17/04 SPEED 48.9 TEST WT 2328

LIBRARY VC11444

Errata # 1 Data Set 03/17/04BA CHL001-016 30.4 REAR VC11444E

Errata # 1 Data Set 03/17/04BB CHL017-032 30.4 REAR VC11444E

The data is displayed in the Metric system of Units (G, CM, N, N-M, KPH, etc.)

CHL	TRANSDUCER LOCATION			1000	DCX	180	PH	AT	KPH
				CFC	600	CFC	60		
			PEAK	PEAK	PEAK	PEAK	300MS		
1	LEFT FRONT SILL	X	P23321	-48.8	-46.0	-39.8	-30.1	-26.9	KPH
2	LEFT FRONT SILL	Y	P16172	-46.5	-39.5	22.9	6.3	0.8	KPH
3	LEFT FRONT SILL	Z	P18599	30.9	28.5	-13.3	-6.0	1.2	KPH
4	RIGHT FRONT SILL	X	P27134	-57.5	-54.5	-45.4	-31.1	-26.1	KPH
5	RIGHT FRONT SILL	Y	P26911	-39.2	-33.0	14.1	4.8	-0.7	KPH
6	RIGHT FRONT SILL	Z	P27146	-44.3	-42.0	-15.3	-7.8	0.9	KPH
7	LEFT REAR SILL	X	P23168	-49.7	-42.5	-35.7	-27.6	-24.8	KPH
8	LEFT REAR SILL	Y	P17669	-49.4	46.6	-19.8	-8.0	-0.1	KPH
9	LEFT REAR SILL	Z	P12539	47.1	-37.6	19.1	9.5	0.8	KPH
10	RIGHT REAR SILL	X	P27149	-54.5	-47.8	-40.3	-28.2	-22.0	KPH
11	RIGHT REAR SILL	Y	P22379	68.7	67.2	17.6	-6.8	0.8	KPH
12	RIGHT REAR SILL	Z	P26816	69.3	60.4	23.2	11.7	1.5	KPH
13	LEFT RAIL MID TANK	X	P17437	104.7	55.5	31.8	17.8	-10.2	KPH
14	LEFT RAIL MID TANK	Y	P14463	-391.0	-218.8	-59.1	-19.0	-5.0	KPH
15	LEFT RAIL MID TANK	Z	P26879	351.4	182.6	60.9	33.5	0.6	KPH
16	RIGHT RAIL MID TANK	X	P22170	-79.5	-75.6	-64.9	-40.4	-22.2	KPH
17	RIGHT RAIL MID TANK	Y	P19419	-338.0	-234.8	-75.5	-33.7	-9.5	KPH
18	RIGHT RAIL MID TANK	Z	P17576	-80.2	68.0	34.1	26.6	3.5	KPH
19	ENGINE BOTTOM	X	P13551	-36.4	-30.7	-28.0	-27.2	-25.0	KPH
20	ENGINE BOTTOM	Y	P15372	-18.6	-15.2	-7.3	-5.9	-3.8	KPH
21	ENGINE BOTTOM	Z	P12378	20.1	14.0	-5.0	-4.4	-1.6	KPH
22	FUEL TANK BOTTOM ACC	X	P19397	150.4	131.5	-110.6	-93.6	-21.7	KPH
23	FUEL TANK BOTTOM ACC	Y	P19356	133.6	84.9	32.6	22.5	6.7	KPH
24	FUEL TANK BOTTOM ACC	Z	P26840	-284.3	-247.9	-175.6	-111.9	-8.6	KPH
25	TRANS XMBR UNDR PANDMTX		P17793	-157.1	-157.4	-106.7	-41.0	-24.1	KPH
26	TRANS XMBR UDR PANDMT	Y	P23518	-30.5	-27.4	-24.1	-14.9	-1.3	KPH
27	TRANS XMBR UDR PANDMT	Z	P17266	126.4	62.2	33.7	-15.3	2.4	KPH
28	TRANS OVER PAD MT	X	P16563	-53.2	-45.3	-31.0	-27.8	-27.2	KPH
29	TRANS OVER PAD MT	Y	P18366	-21.5	-9.6	-4.9	2.8	-0.2	KPH
30	TRANS OVER PAD MT	Z	P18795	-41.2	-23.7	-10.0	-7.0	-0.3	KPH
31	FUEL TANK TOP ACC	X	P22222	298.3	245.3	165.0	85.1	-29.5	KPH
32	FUEL TANK TOP ACC	Y	P21284	146.5	79.6	40.8	15.4	3.1	KPH
33	FUEL TANK TOP ACC	Z	P17792	-400.1	-370.3	170.4	86.1	-1.3	KPH
65	M-FLAT LT RAIL MID	X	ETBB765		36.4		21.0	30.7	KPH
66	M-FLAT RT RAIL MID	X	ETBB316		39.5		23.2	30.2	KPH

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Multi-Channel Plot data

CHLS 1 4 7 1 & 0 CL PH60 AVERAGE OF FRT SILL -229.3G AT .1 MS

CHLS & 1 4 CL PH60 AVERAGE OF FRT SILL -329.3G AT .4 MS