

EA12-005

CHRYSLER

2-18-2013

Enclosure 6

301 Compliance Crash Test

2008 - 2010 Liberty (KK)

Compliance

VC14515 Public

VC14515

**SIDE IMPACTOR BARRIER CERTIFICATION**

Date: August 25, 2006

To: AT Kearney, Inc.  
Daimler Chrysler Corp.  
1252 Chelsea Proving Grounds  
3700 S. M-52 Highway  
Chelsea, MI 48118-9600

**PURCHASE ORDER INFORMATION**

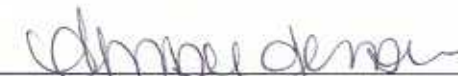
Customer P.O. Number: 1596680/ZRIT4001266  
Work Order Number: 155101  
Plascore Part Number: 18723  
Quantity: 01 piece

**CORE INFORMATION**

Core Type: PCGA-5.2-1/4-P-3003  
Cell Size: 0.250 inch  
Density: 5.2 pcf

Unit Number: 186B0706

This is to certify that the aluminum honeycomb core supplied, under the unit number provided, meets the crush requirements of 232 – 250 psi per DWG# DSL-1285.

  
Quality Assurance Representative  
Amber Jensen

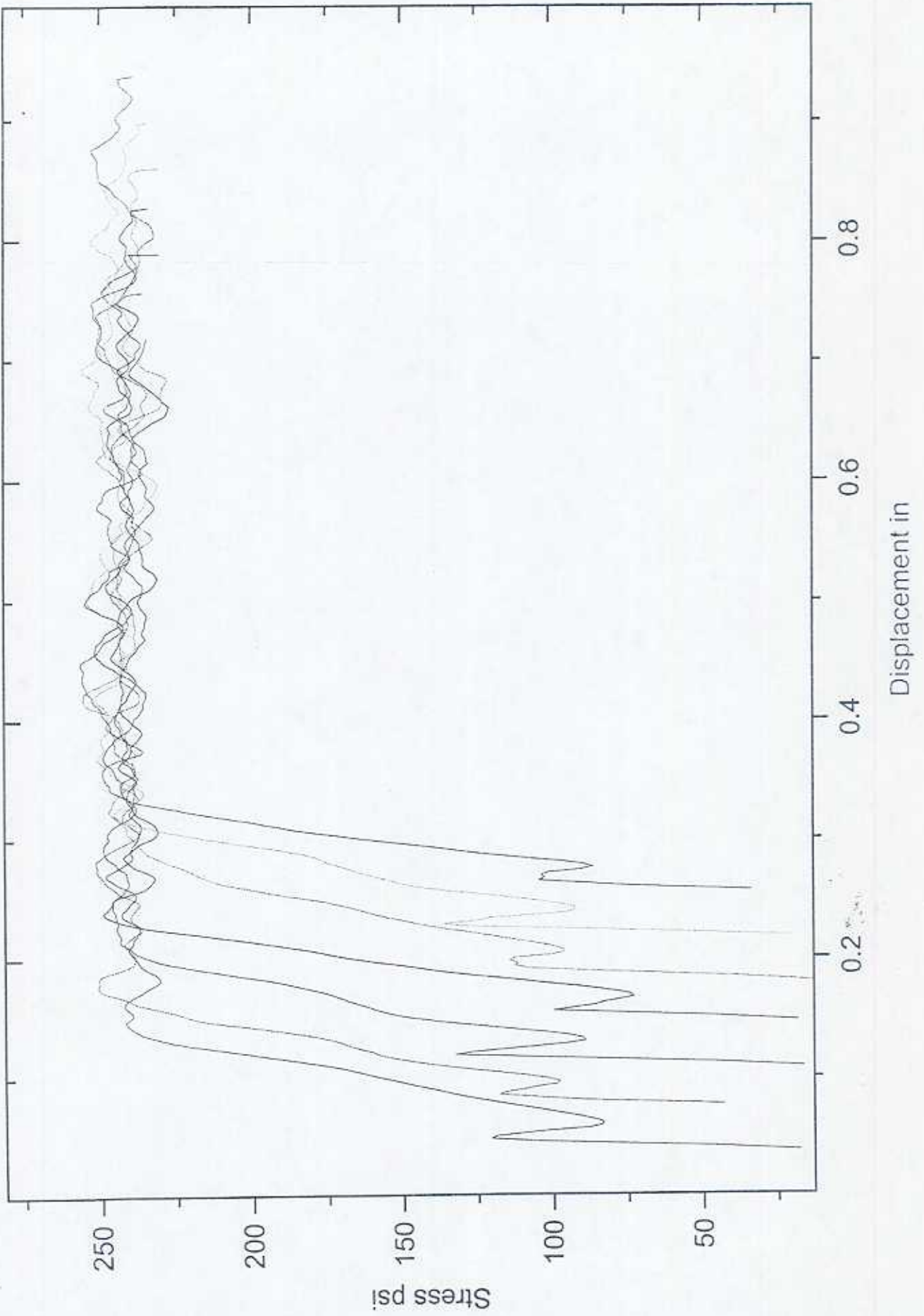


Crush Data  
232 - 250 psi per DWG # DSL-1285

**Block Number:** 186B0706

<u>Specimen Number</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1	240.43	239.79	236.99
2	242.36	241.59	241.15
3	242.20	243.15	240.58
4	241.57	239.34	242.95
5	242.48	239.44	241.85
6	246.50	245.10	247.31
7	247.17	243.83	240.24

BLOCK # 186B0706 Sample ID: IN341253



**SIDE IMPACTOR BARRIER CERTIFICATION**

Date: August 25, 2006

To: At Kearney, Inc.  
Daimler Chrysler Corp.  
1252 Chelsea Proving Grounds  
3700 S. M-52 Highway  
Chelsea, MI 48118-9600

**PURCHASE ORDER INFORMATION**


Customer P.O. Number: 1596680/ZRIT4001266  
Work Order Number: 155101  
Plascore Part Number: 18723  
Quantity: 01 piece


**CORE INFORMATION**

Core Type: PAMG-3/8-1.6-001-P-5052  
Cell Size: 0.375 inches  
Density: 1.6 pcf

Unit Number: 061A0806

This is to certify that the aluminum honeycomb core supplied, under the unit number provided, meets the crush requirements of 45 psi +/- 2.5 psi per DWG # DSL-1285.

  
Quality Assurance Representative  
Amber Jensen

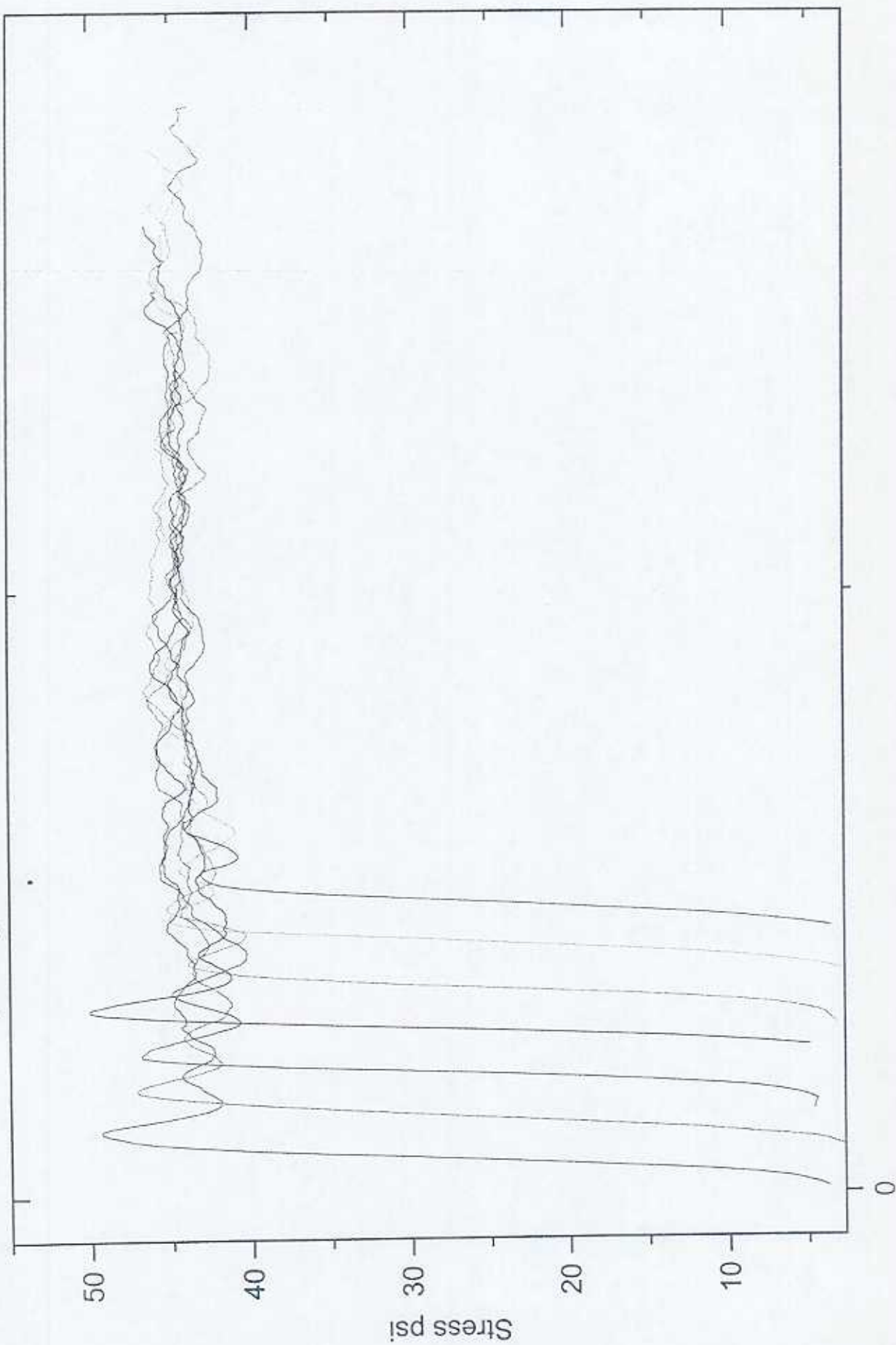


Crush Data  
45 psi +/- 2.5 psi per DWG # DSL-1285

**Block Number:** 061A0806

<u>Specimen Number</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1	45.22	44.85	44.34
2	45.34	44.48	43.37
3	44.00	44.71	44.30
4	44.37	44.49	44.38
5	46.00	44.91	43.91
6	44.46	44.73	45.20
7	44.11	44.79	43.60

BLOCK#061A086 Samples: IN341326



Displacement in

# Test VC14515

Last Requester Update  
Last Check

04/10/2007 01:54:35 PM EDT  
4/27/2007 10:09:41 PM

Analysis	Camera	Lens	HGacq
1 <input type="checkbox"/>	<b>CATWALK OVERALL</b>		
	W02 WV	mm	350
2 <input type="checkbox"/>	<b>LEFT BUMPER TO BARRIER</b>		
	W09 WV	25 mm C3713 CEN	350
3 <input type="checkbox"/>	<b>LEFT OVERALL</b>		
	W17 WV	50 mm 102952 KIN	350
4 <input type="checkbox"/>	<b>PIT OVERALL</b>		
	W11 WV	35 mm 111106 KIN	350
5 <input type="checkbox"/>	<b>RIGHT OVERALL</b>		
	W05 WV	25 mm 25-2 COS	350
6 <input type="checkbox"/>	<b>VELOCITY</b>		
	W19 WV	100 mm 105330 KIN	250

**In Addition to Default Print:**

ORIGINAL ORDER



## DOOR EFFORTS

Test Number:	VC14515	Test Engineer: Manney
Item Number:	L8KKJ3742 R1	V.I.N: 1J8GN58K38W [REDACTED]
Body Type:	KK-74	Test Speed (MPH) 50
Test Type:	LEFT REAR 70% OFFSET MOVING BARR.	

### Door Opening Effort (Newtons)

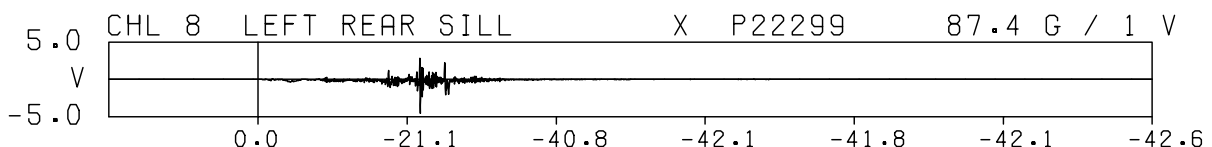
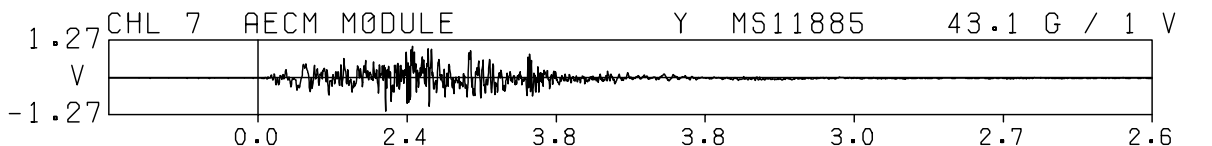
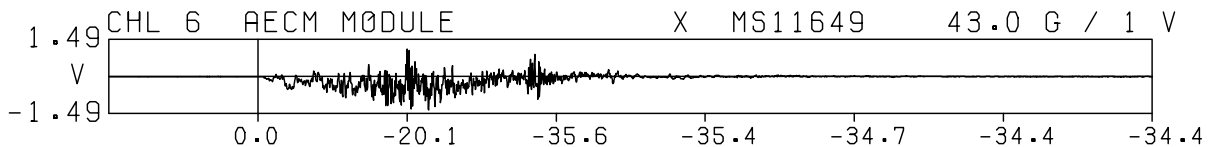
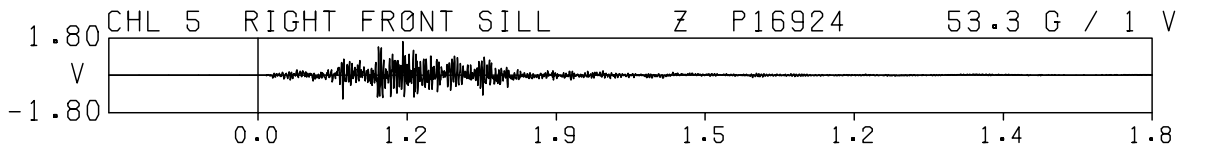
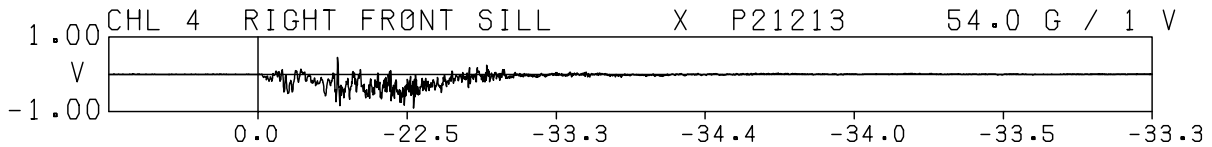
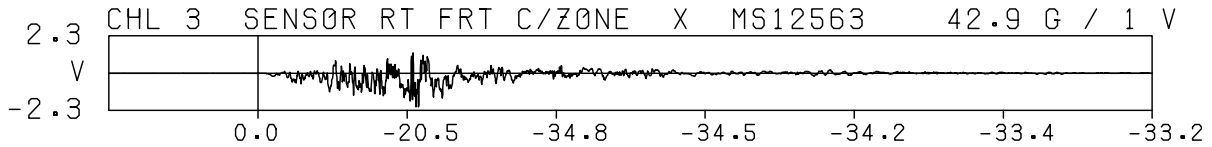
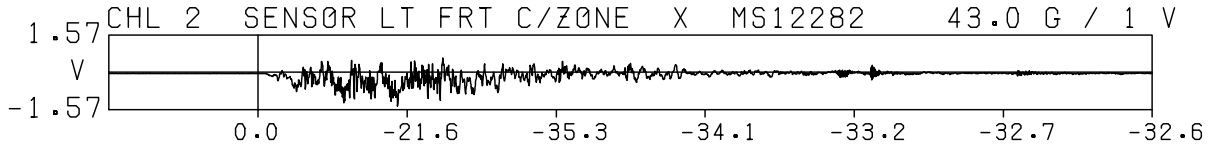
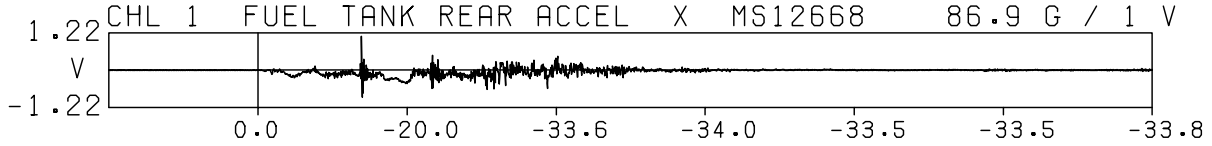
	Pre Test	Post Test
1L Exterior door unlatch force	52	109
1L Exterior door opening force	20	20
2L Exterior door unlatch force	68	67
2L Exterior door opening force	25	195
1R Exterior door unlatch force	52	50
1R Exterior door opening force	28	26
2R Exterior door unlatch force	68	89
2R Exterior door opening force	29	86
Tailgate Exterior unlatch force	63	EMD
Tailgate Exterior opening force	114	EMD

TRANSDUCER SUMMARY REPORT

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
 08 KK, FMVSS 301 COMPLIANCE TEST  
 IMPACT ANALYSIS DEPT. 5320  
 MAY 1, 2007

DATA SET 04/28/07BA  
 ERRATA 1

-50 0 50 100 150 200 250 300



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

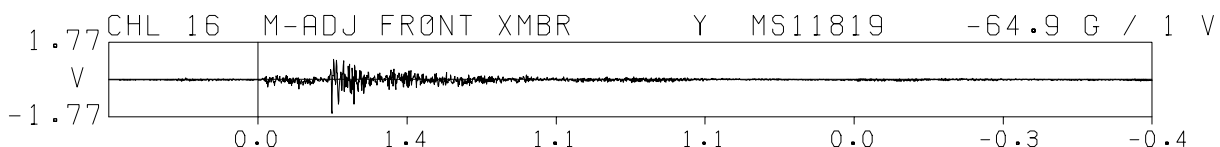
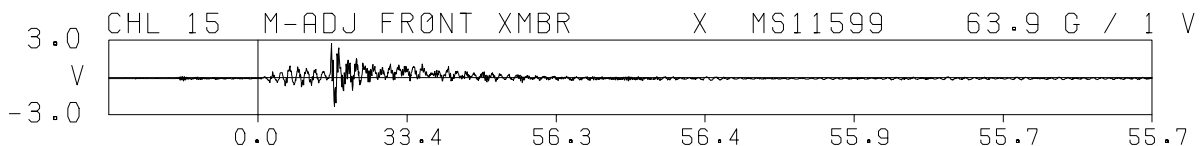
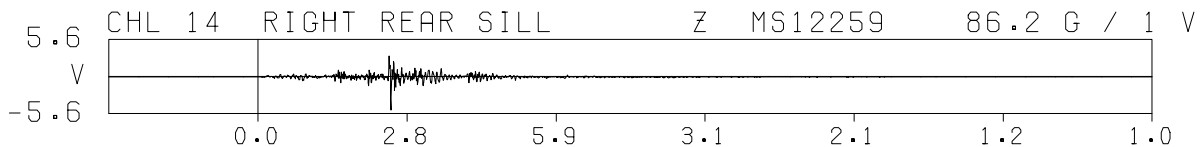
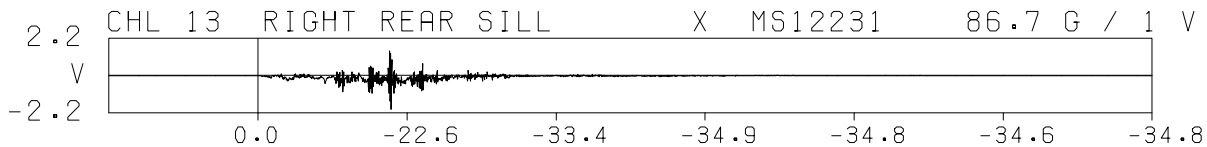
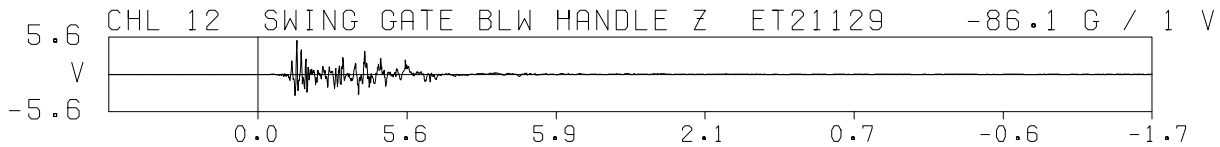
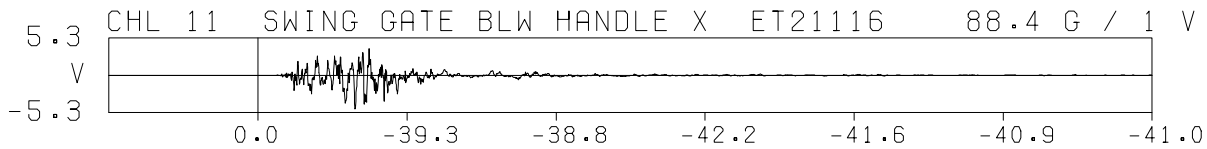
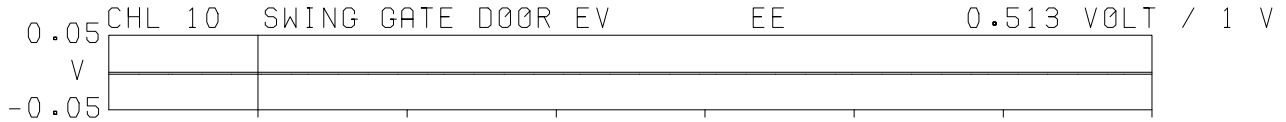
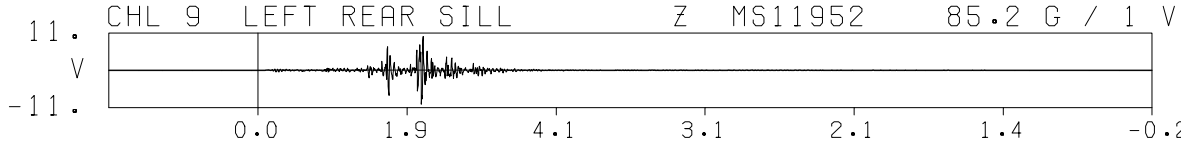
NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
 08 KK, FMVSS 301 COMPLIANCE TEST  
 IMPACT ANALYSIS DEPT. 5320  
 MAY 1, 2007

DATA SET 04/28/07BA  
 ERRATA 1

-50 0 50 100 150 200 250 300



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

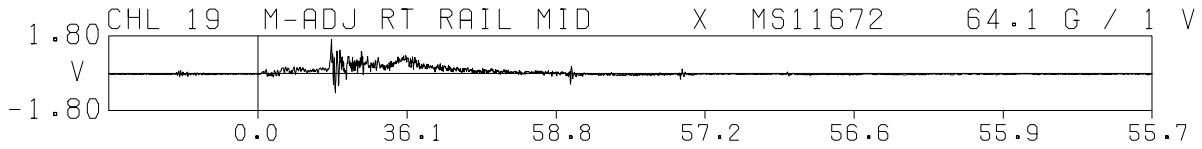
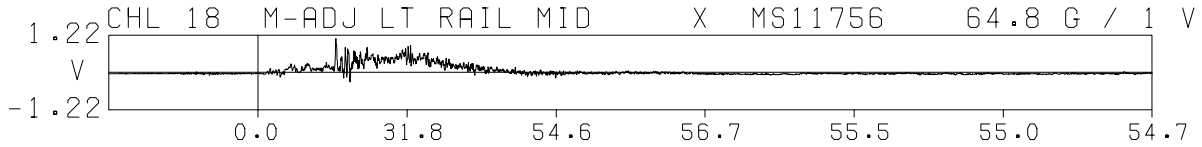
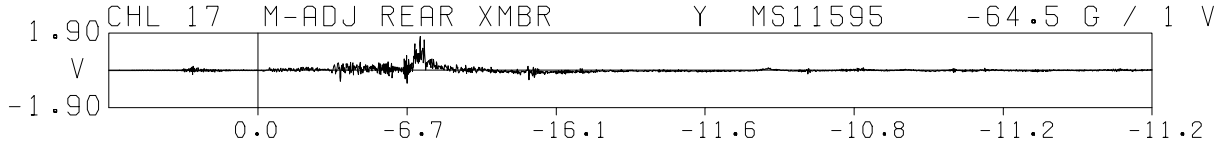
NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
 08 KK, FMVSS 301 COMPLIANCE TEST  
 IMPACT ANALYSIS DEPT. 5320  
 MAY 1, 2007

DATA SET 04/28/07BB  
 ERRATA 1

-50 0 50 100 150 200 250 300



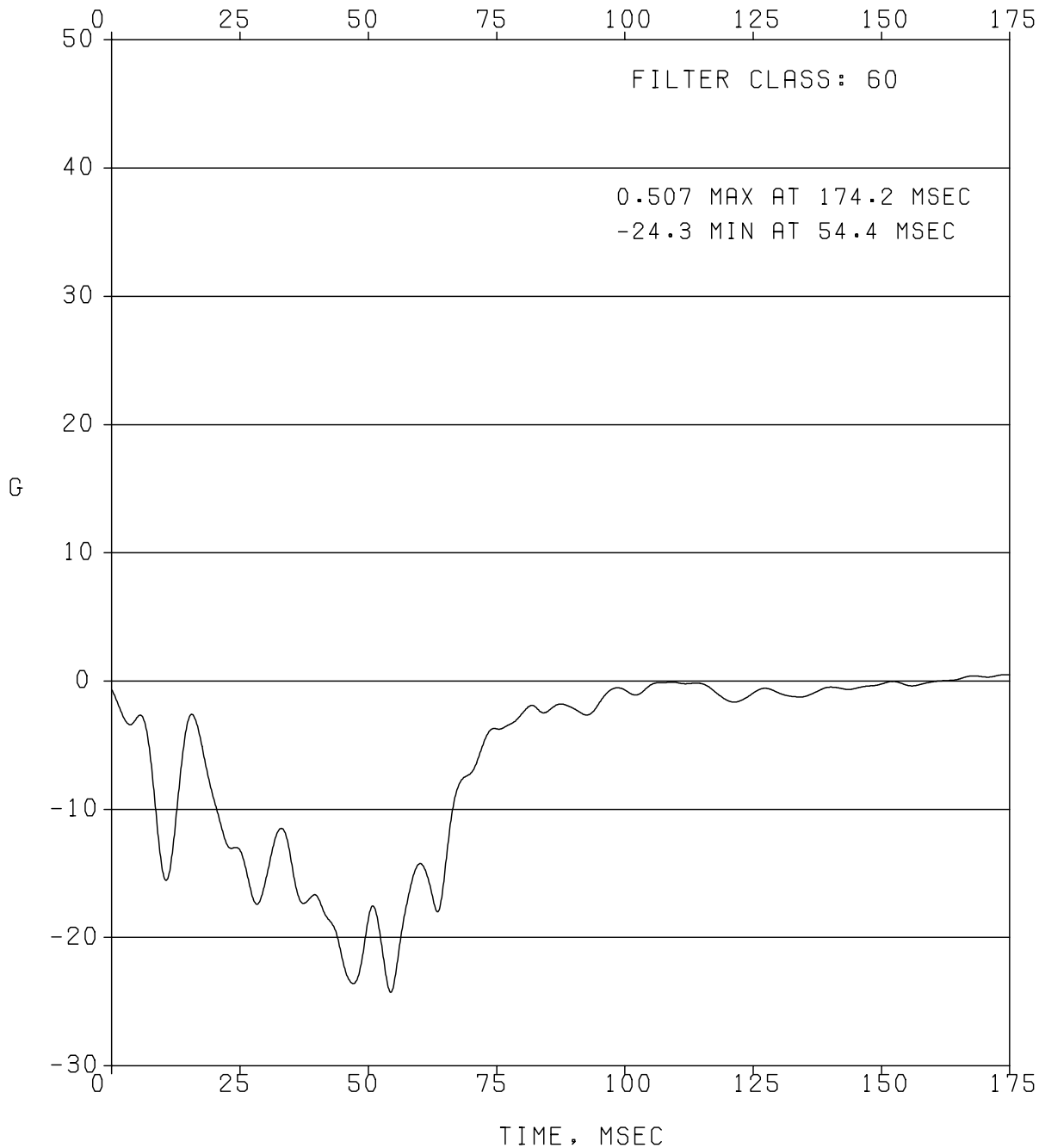
-50 0 50 100 150 200 250 300  
 TIME, MSEC

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

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
AVERAGE OF

CHANNEL 004	RIGHT FRONT SILL	X	P21213
CHANNEL 008	LEFT REAR SILL	X	P22299
CHANNEL 013	RIGHT REAR SILL	X	MS12231

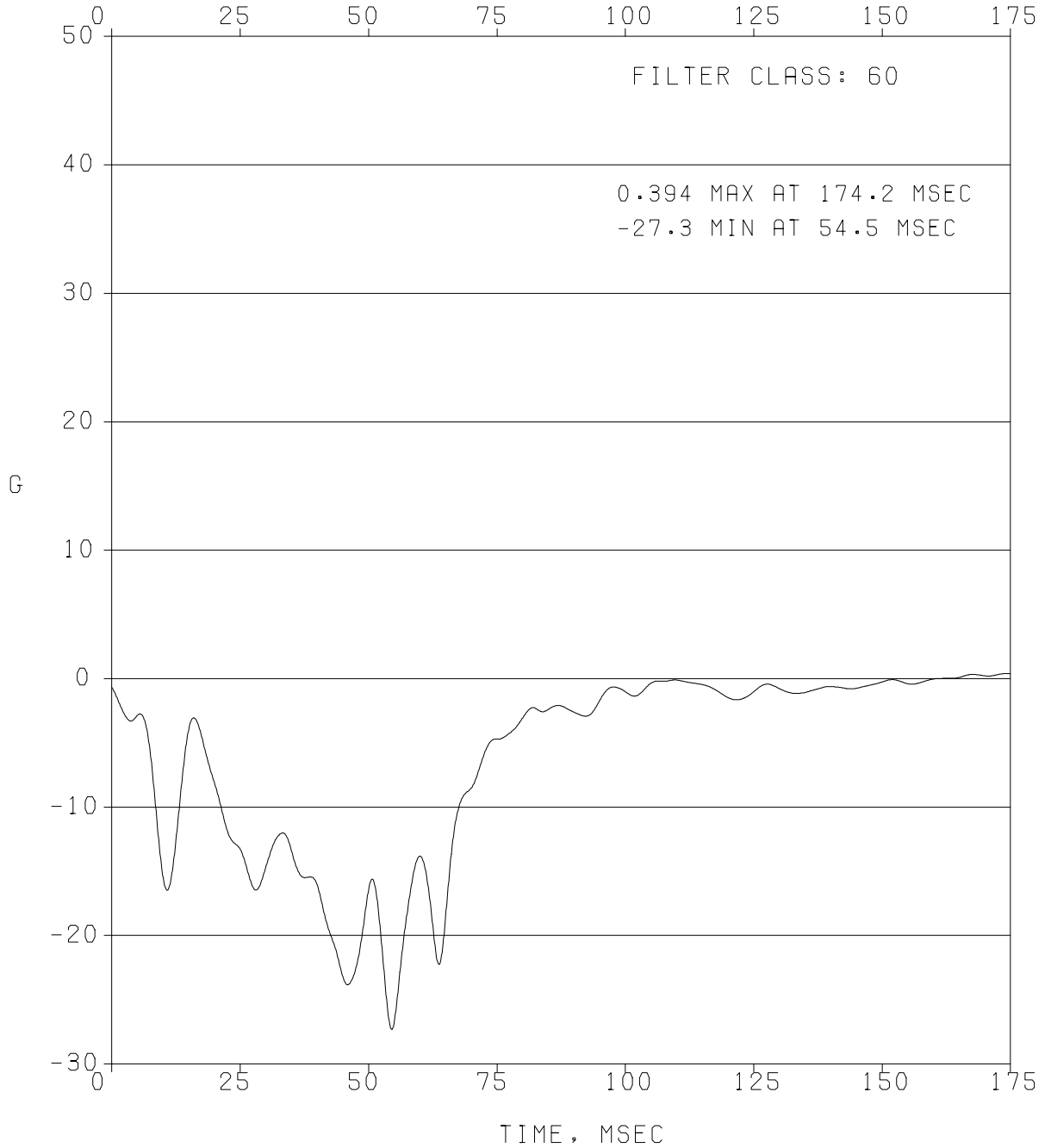
FILTER TYPE: PHASELESS, 4 POLE BUTTERWORTH, 2-PASS ( 99.0 )  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



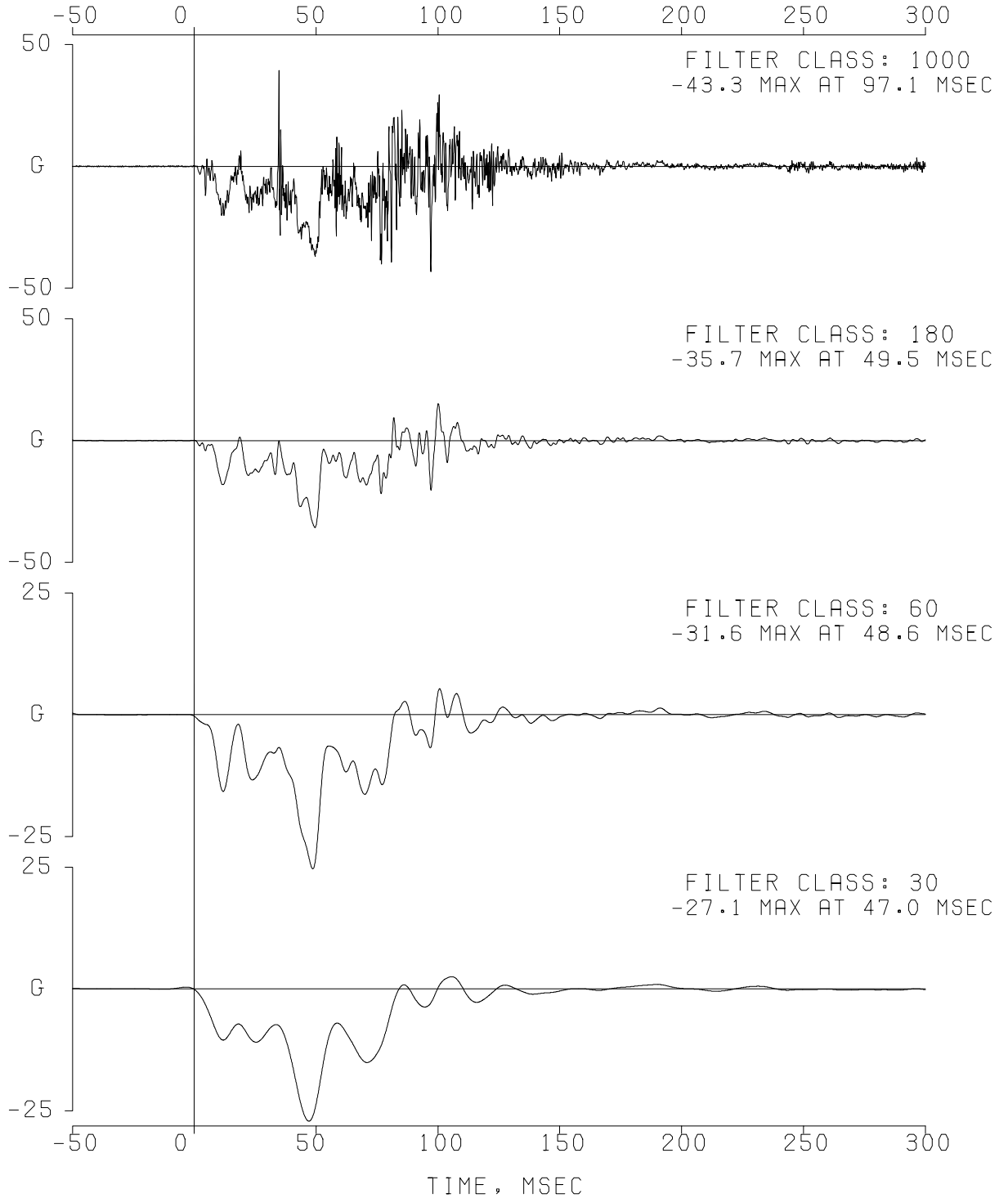
VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
AVERAGE OF

CHANNEL 008 LEFT REAR SILL X P22299  
CHANNEL 013 RIGHT REAR SILL X MS12231

FILTER TYPE: PHASELESS, 4 POLE BUTTERWORTH, 2-PASS ( 99.0 )  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 001 FUEL TANK REAR ACCEL X MS12668  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1

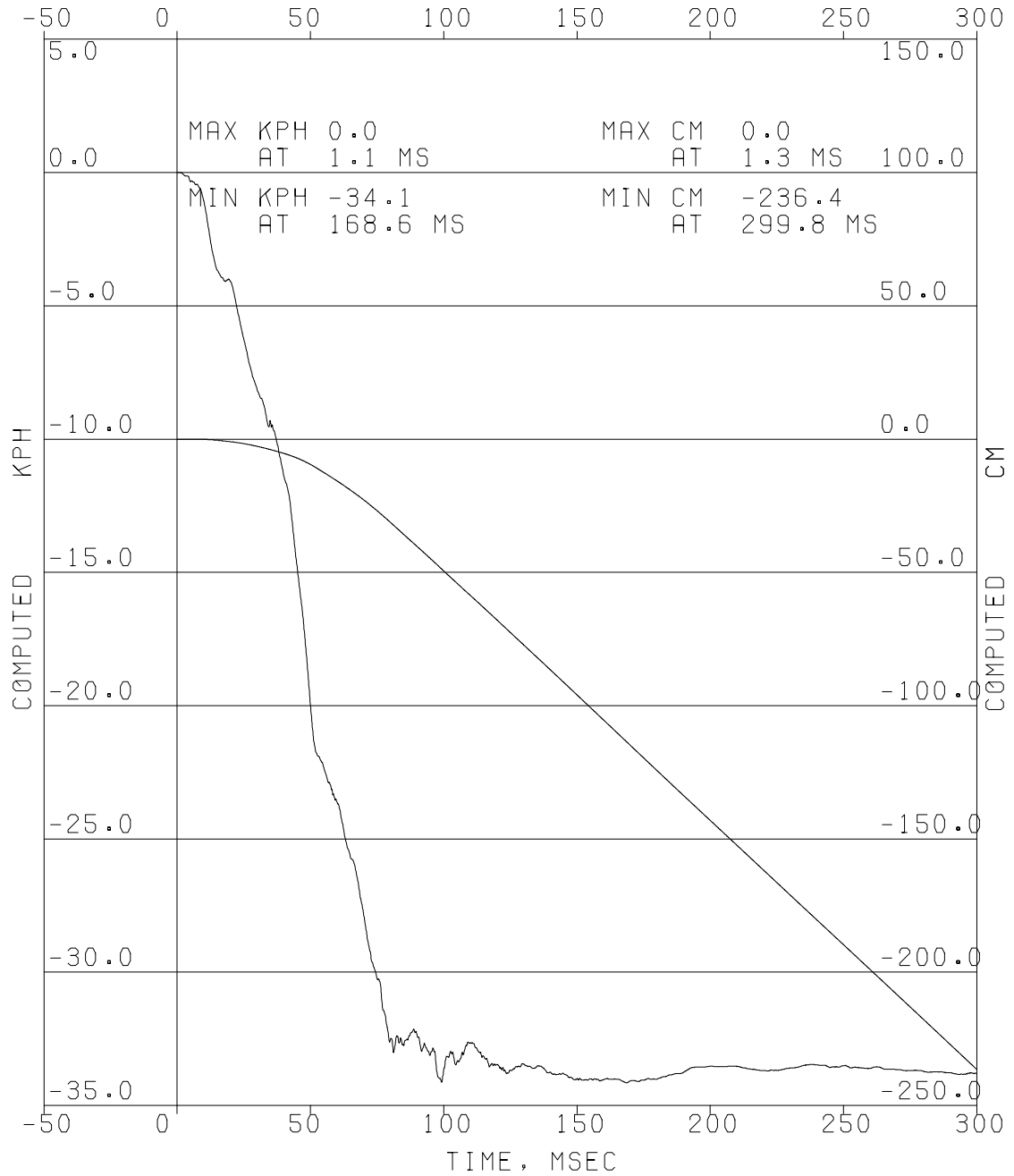


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 001 FUEL TANK REAR ACCEL X MS12668

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

IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

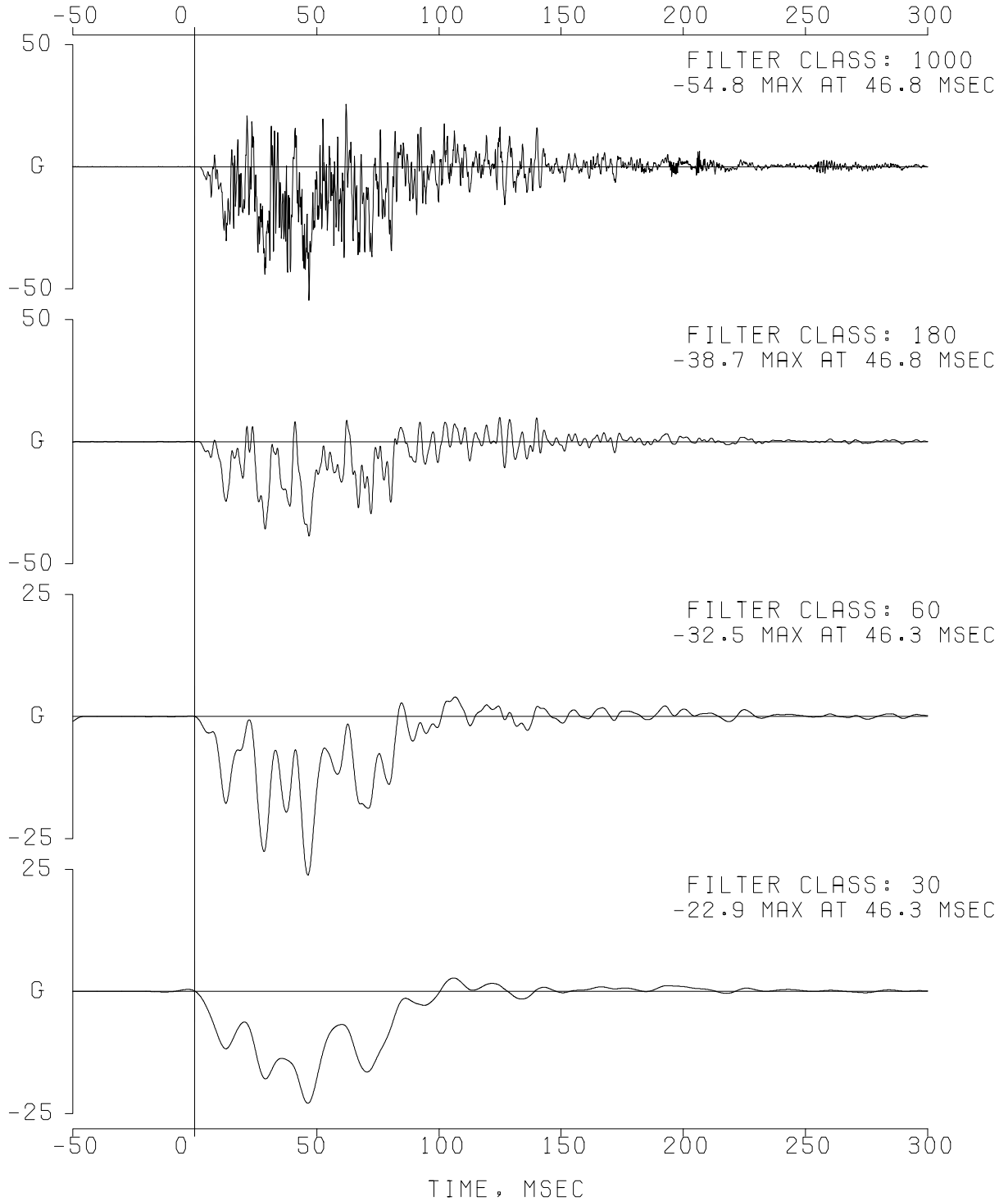
DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 002 SENSOR LT FRT C/ZONE X MS12282  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1

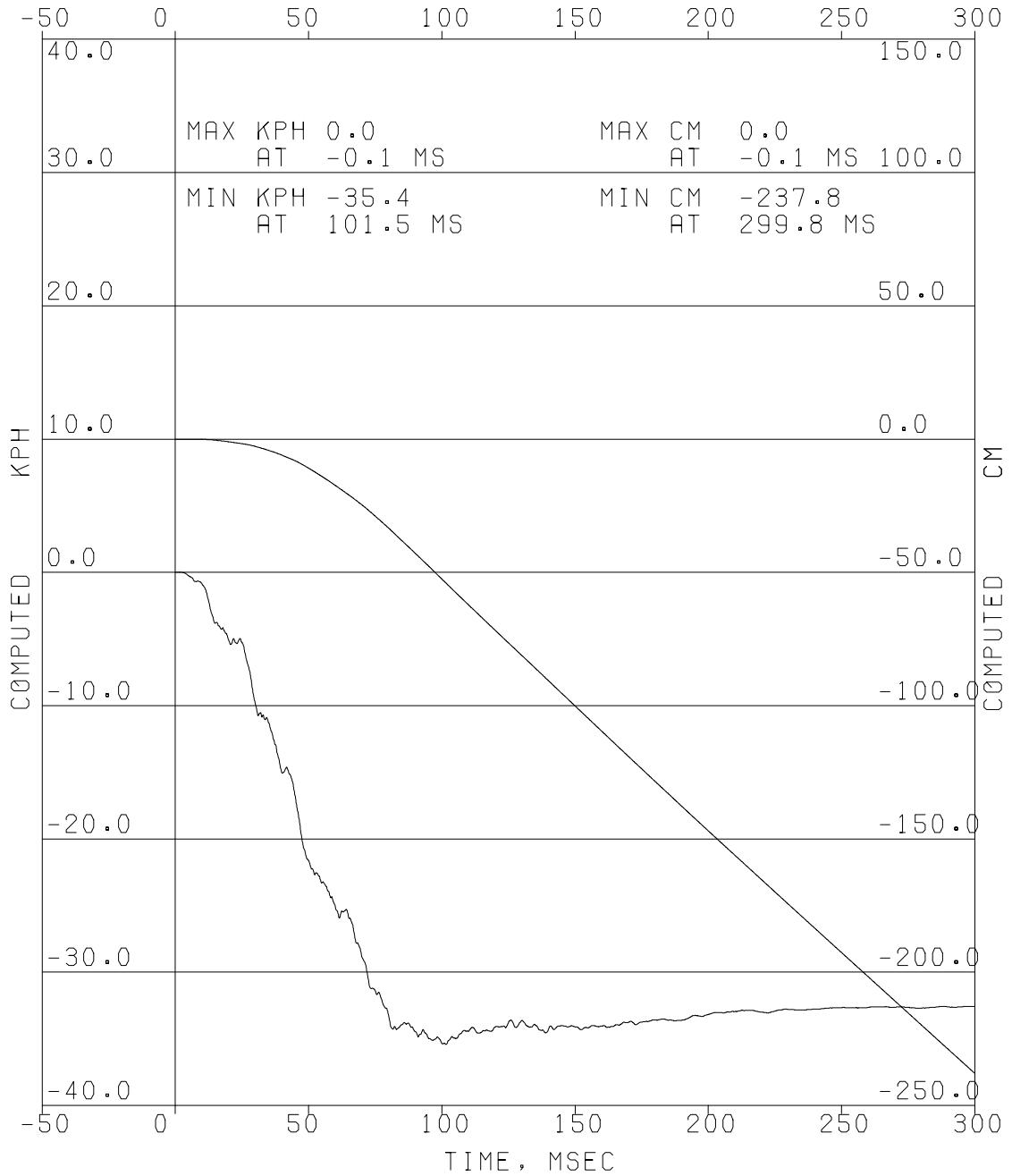


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
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CHANNEL 002 SENSOR LT FRT C/ZONE X MS12282

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

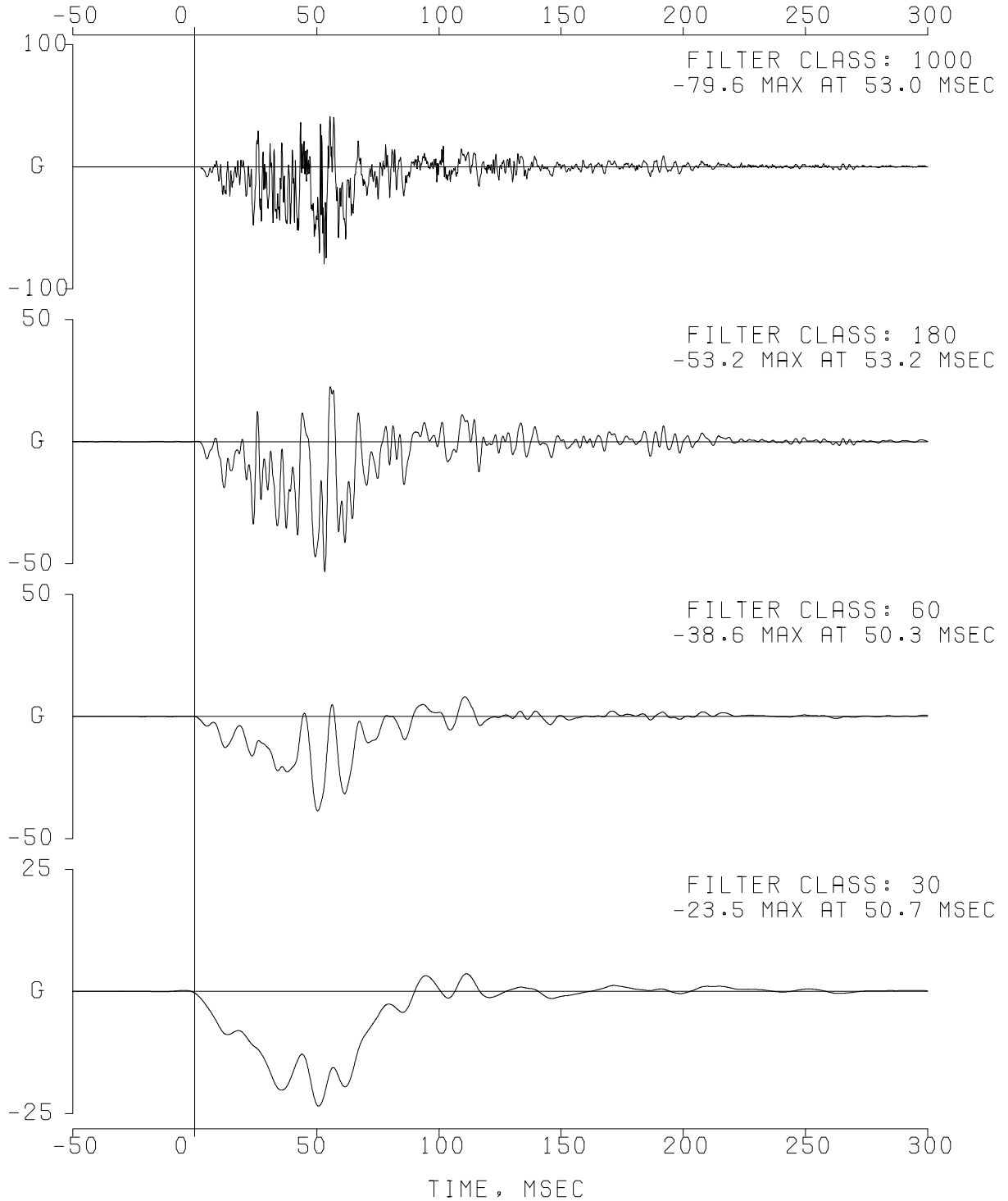
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 003 SENSOR RT FRT C/ZONE X MS12563  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1

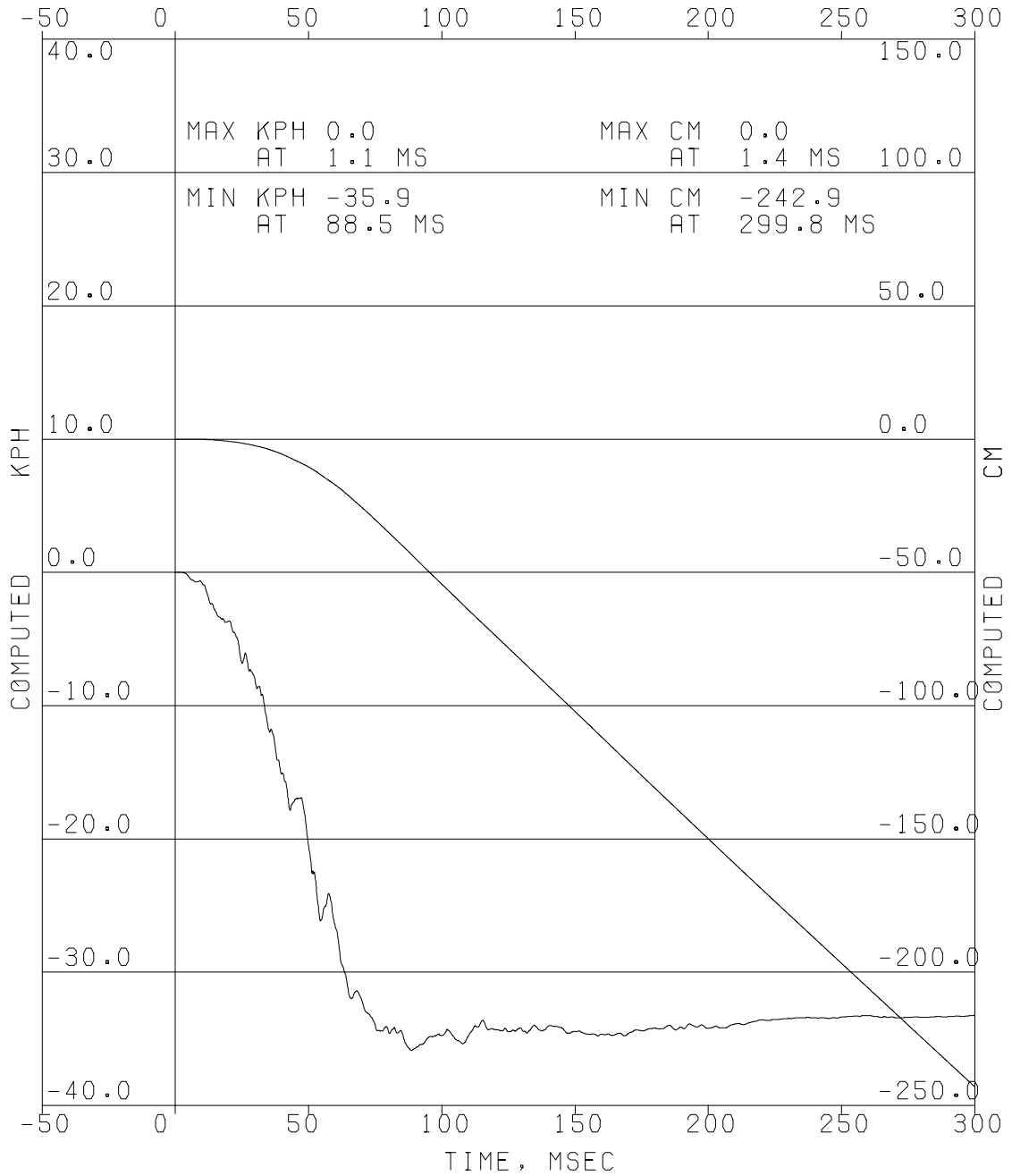


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
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CHANNEL 003 SENSOR RT FRT C/ZONE X MS12563

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FILTER CLASS: 1000

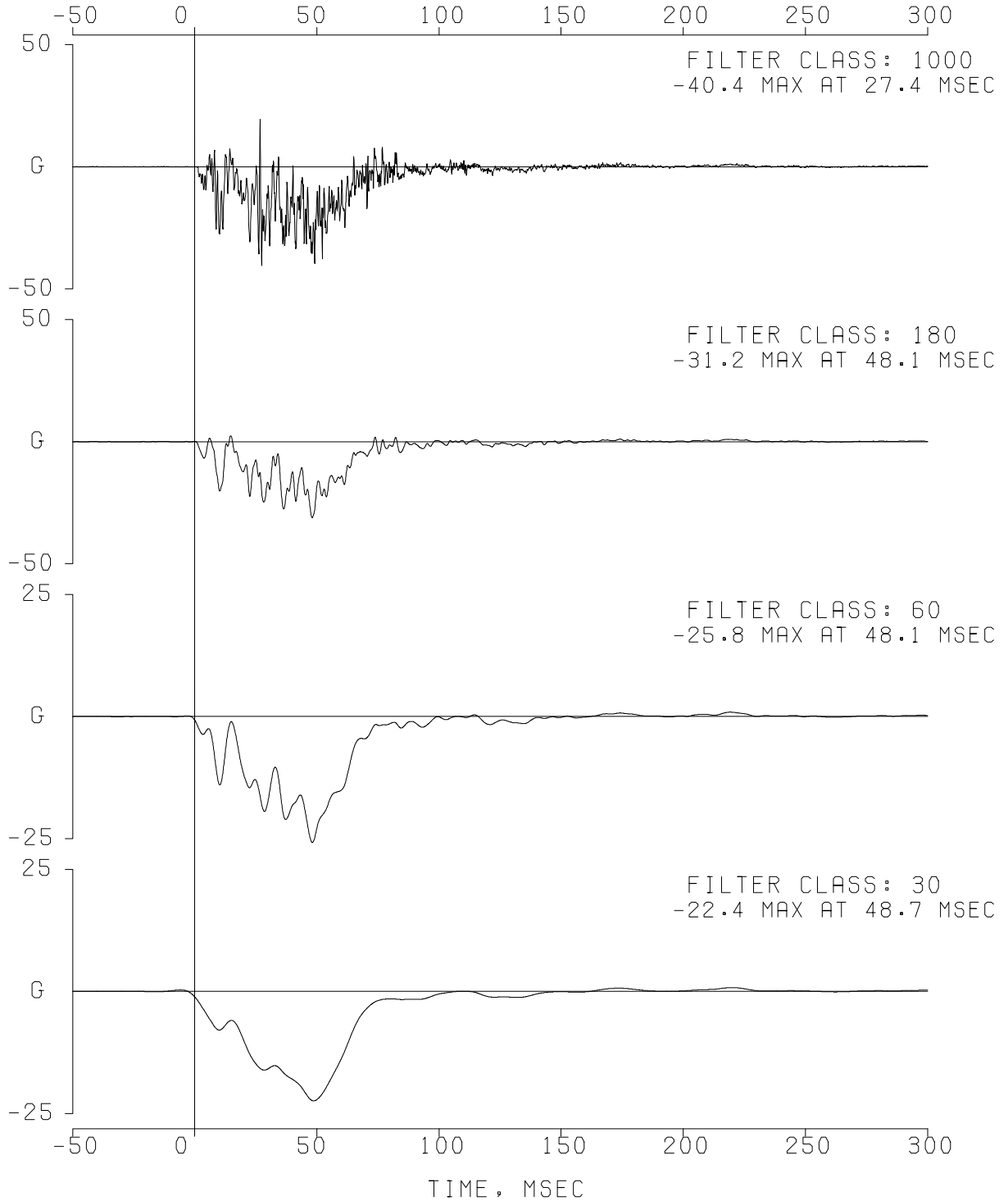
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 004 RIGHT FRONT SILL X P21213  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1, 2007 ERRATA 1

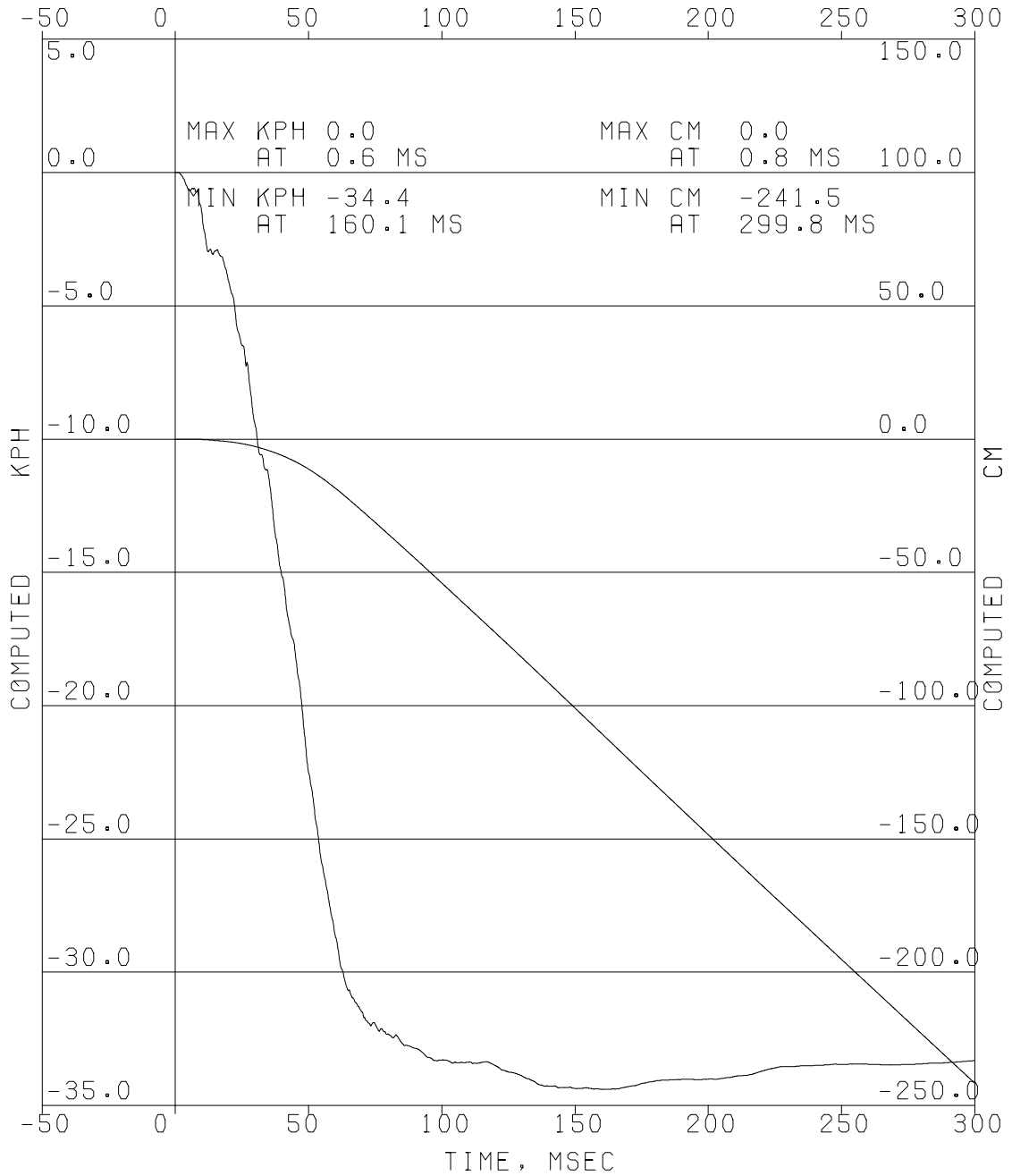


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 004 RIGHT FRONT SILL X P21213

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FILTER CLASS: 1000

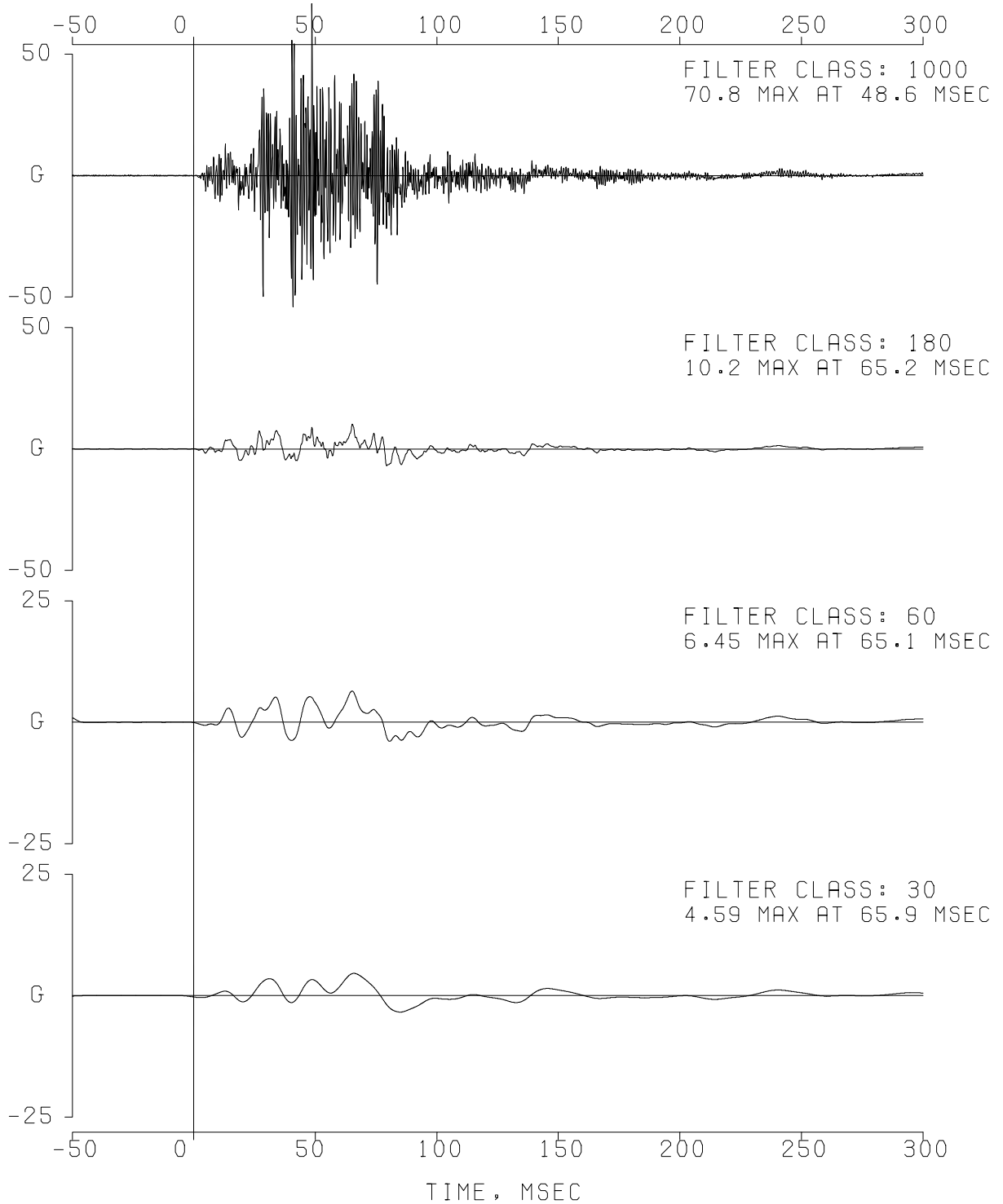
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MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

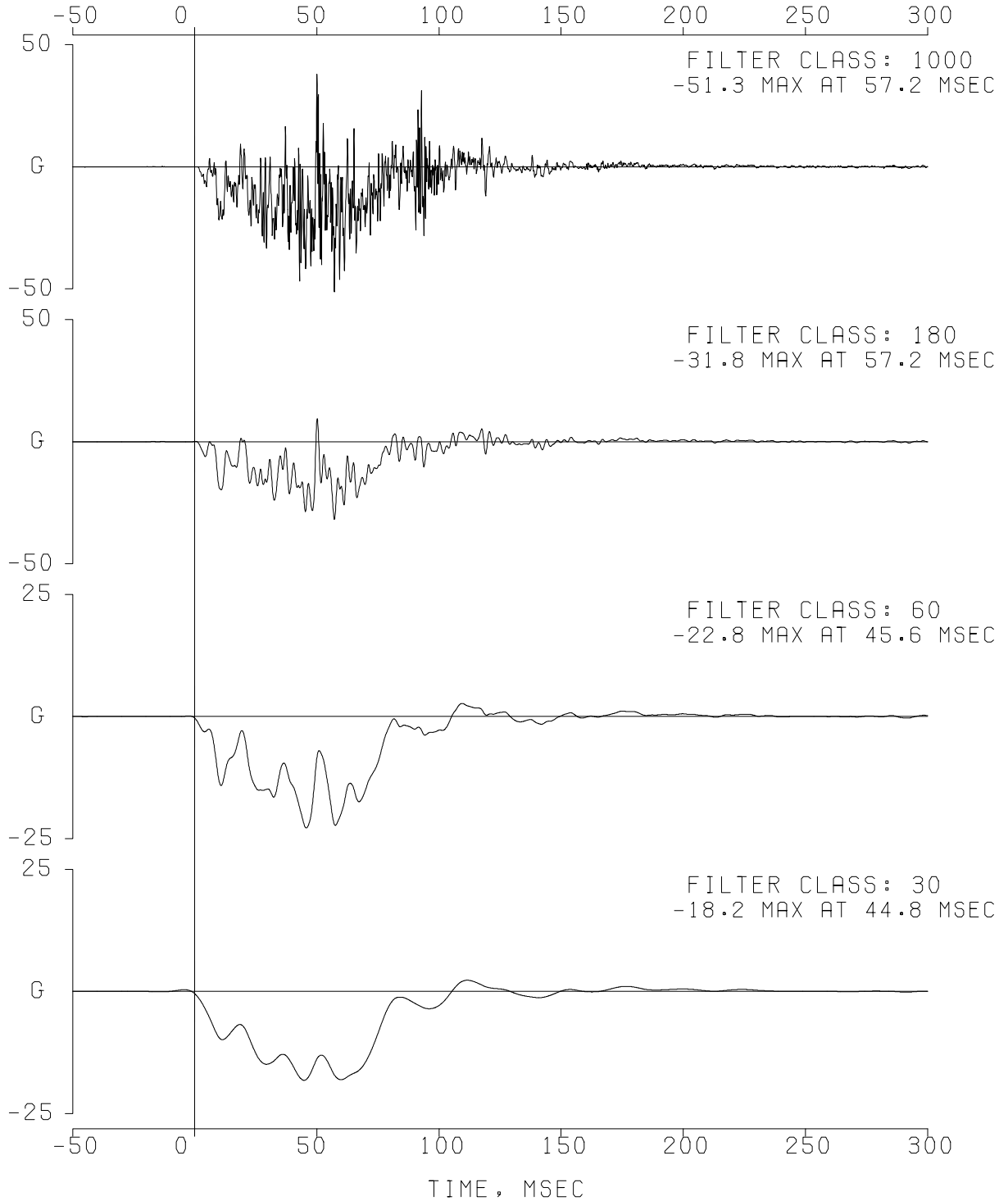


COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 005 RIGHT FRONT SILL Z P16924  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 006 AECM MODULE X MS11649  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1,2007 ERRATA 1



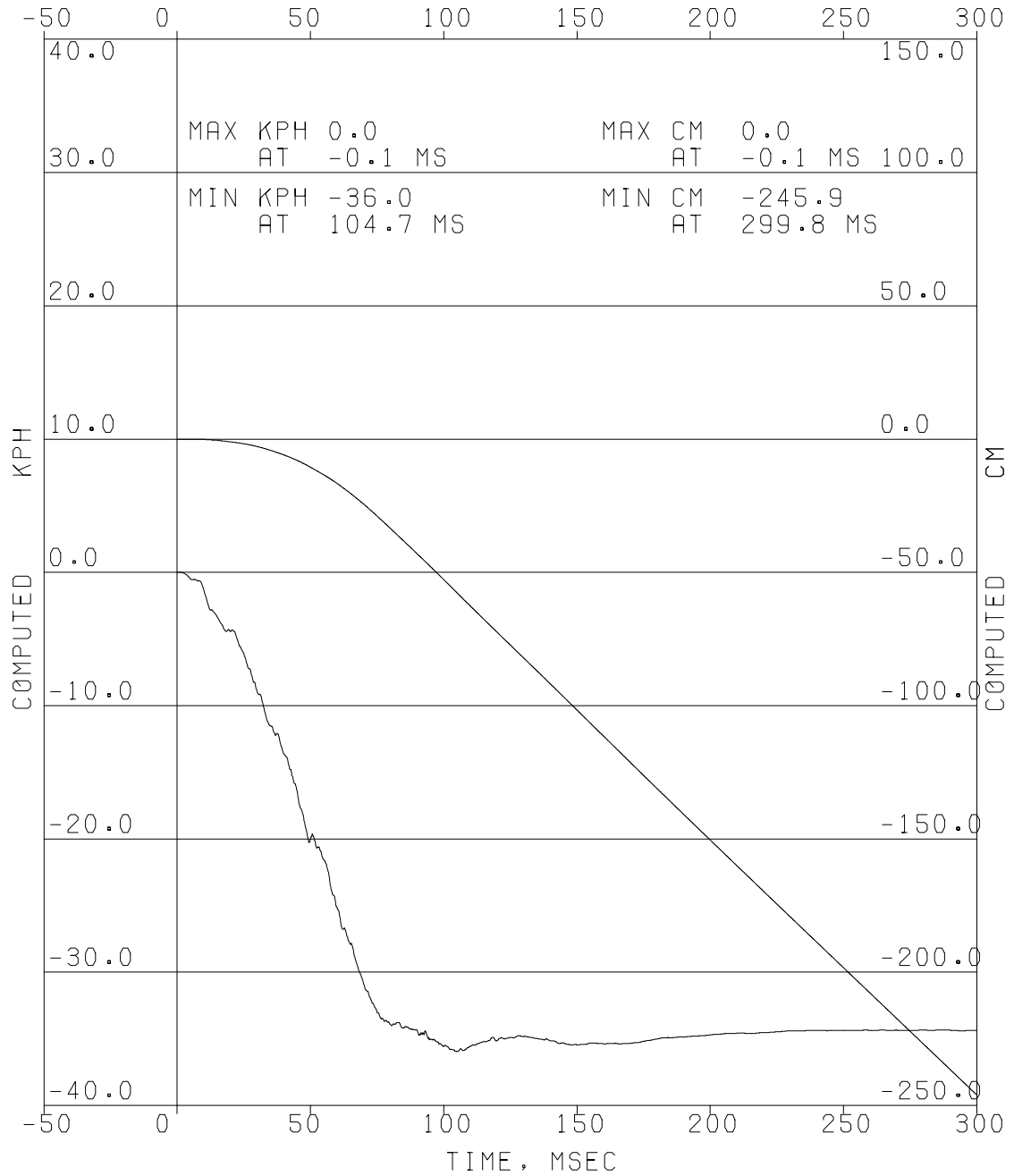


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FILTER CLASS: 1000

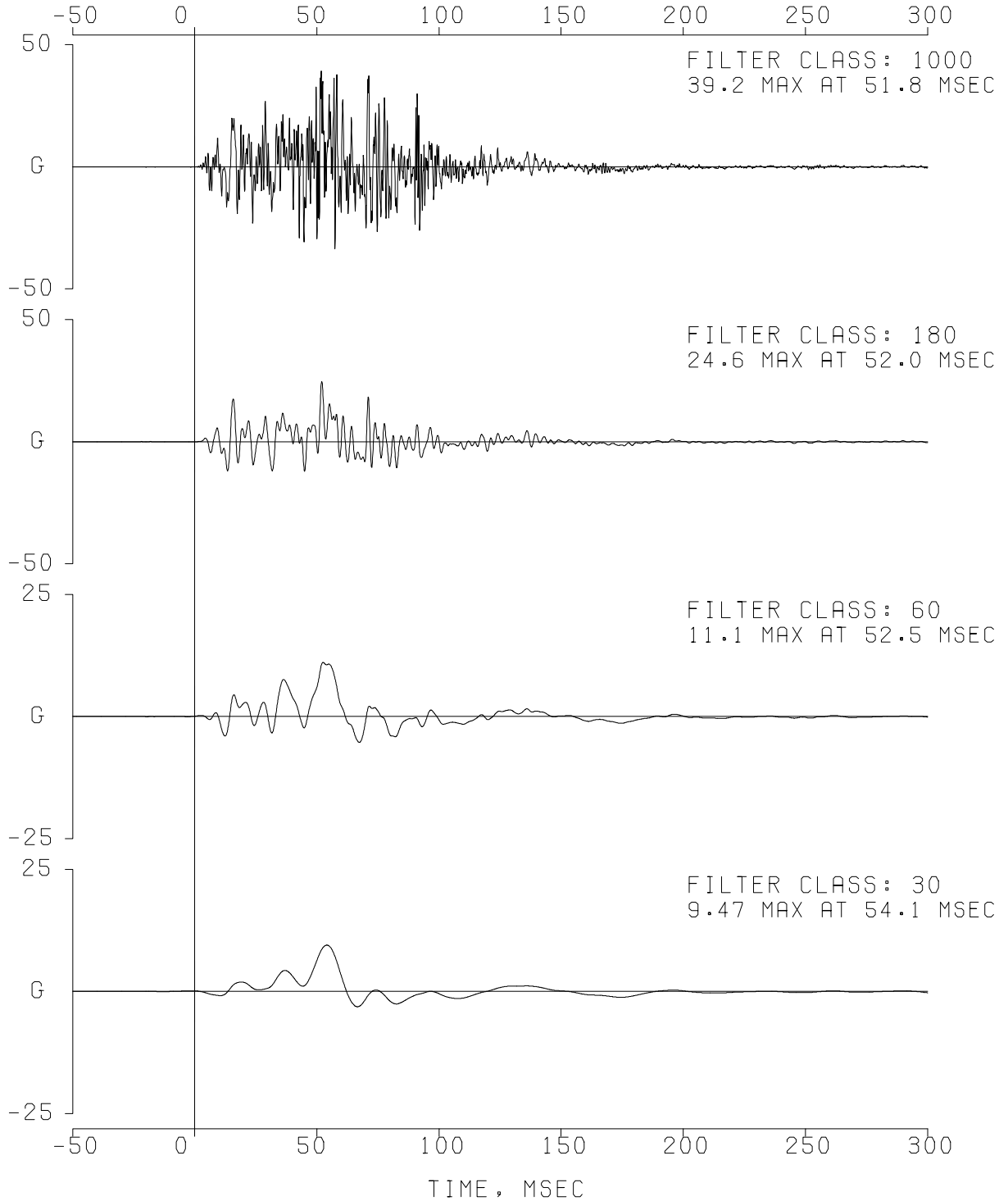
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MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

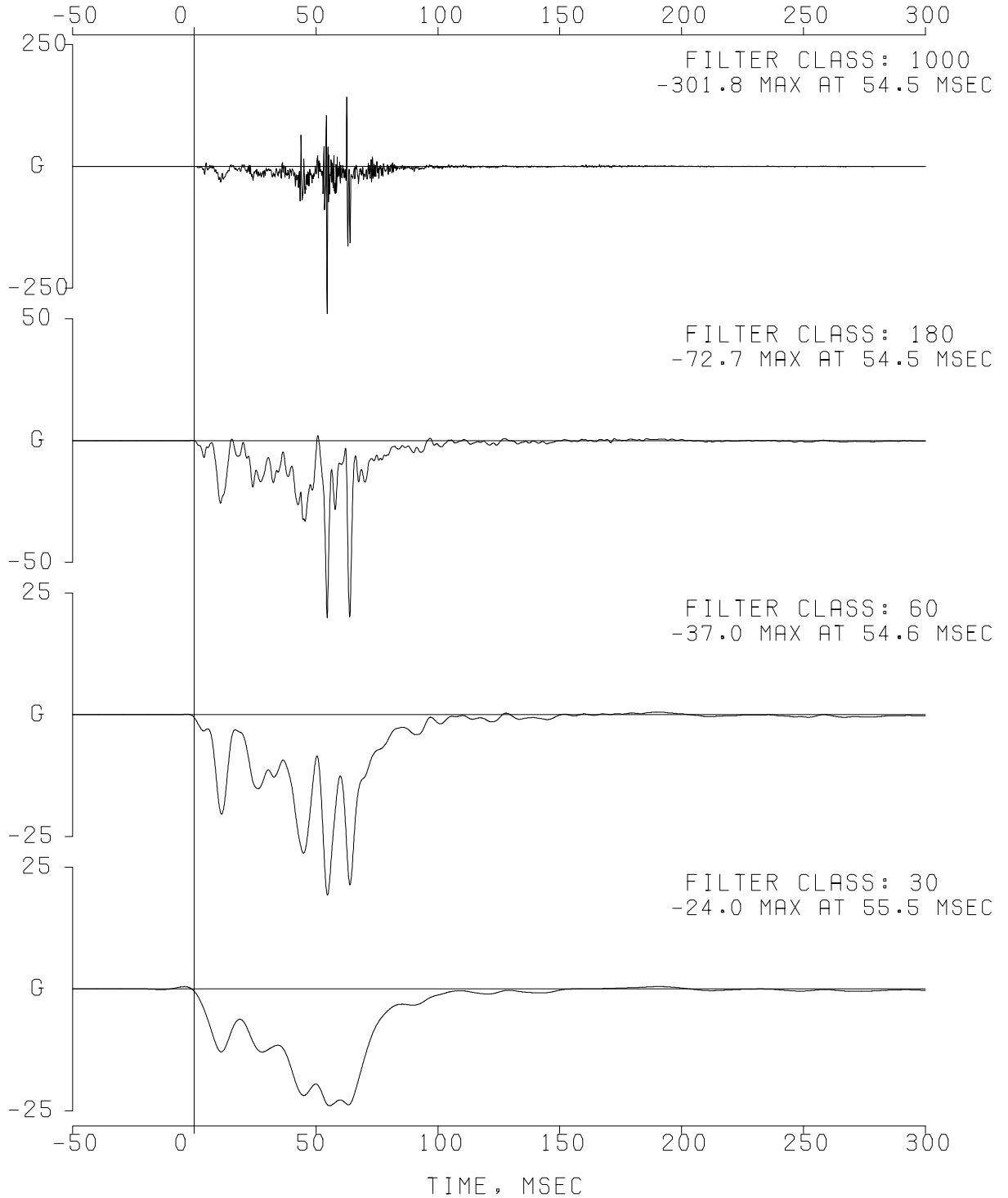


COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 007 AECM MODULE Y MS11885  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 008 LEFT REAR SILL X P22299  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1, 2007 ERRATA 1

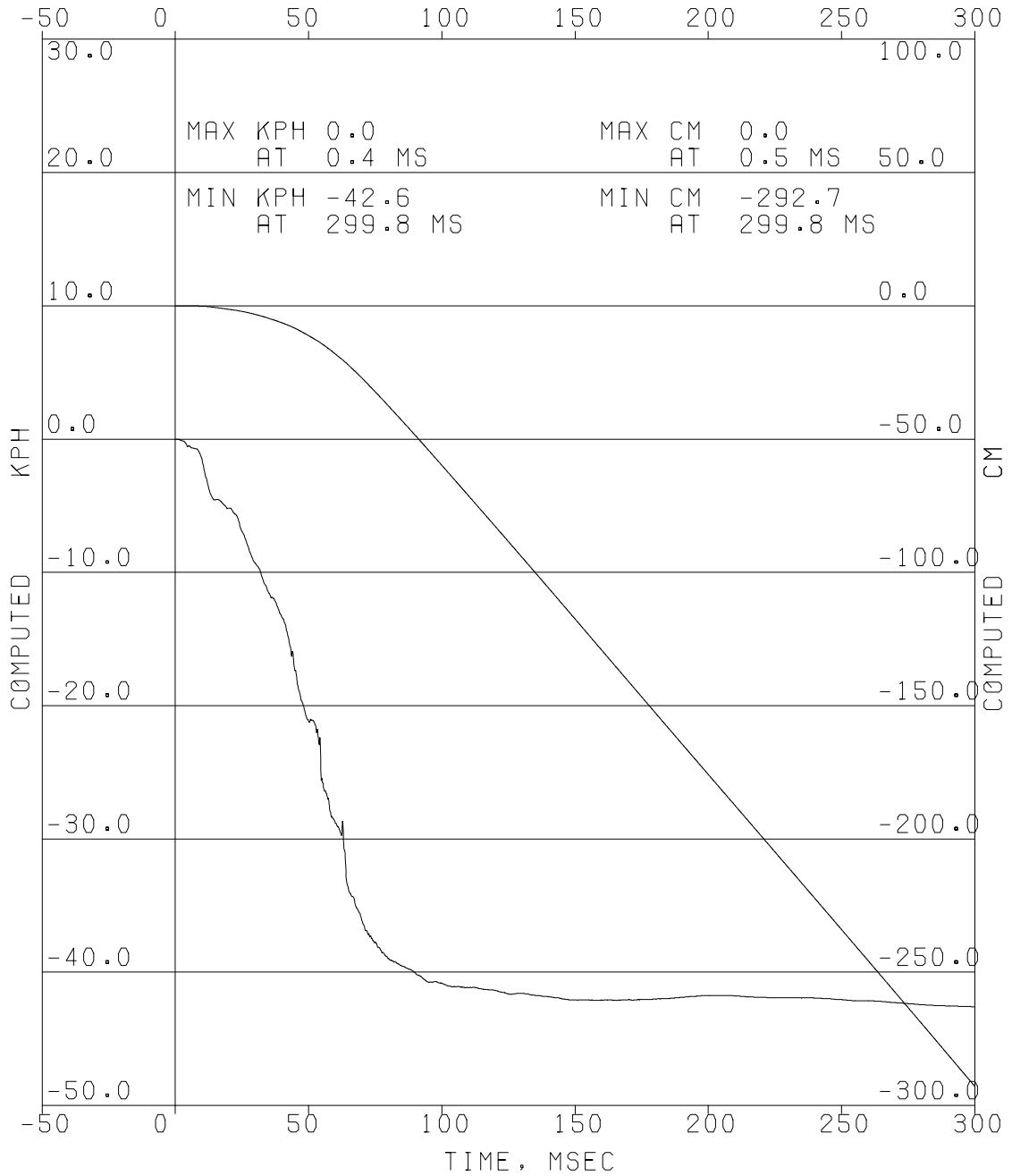


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 008 LEFT REAR SILL X P22299

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

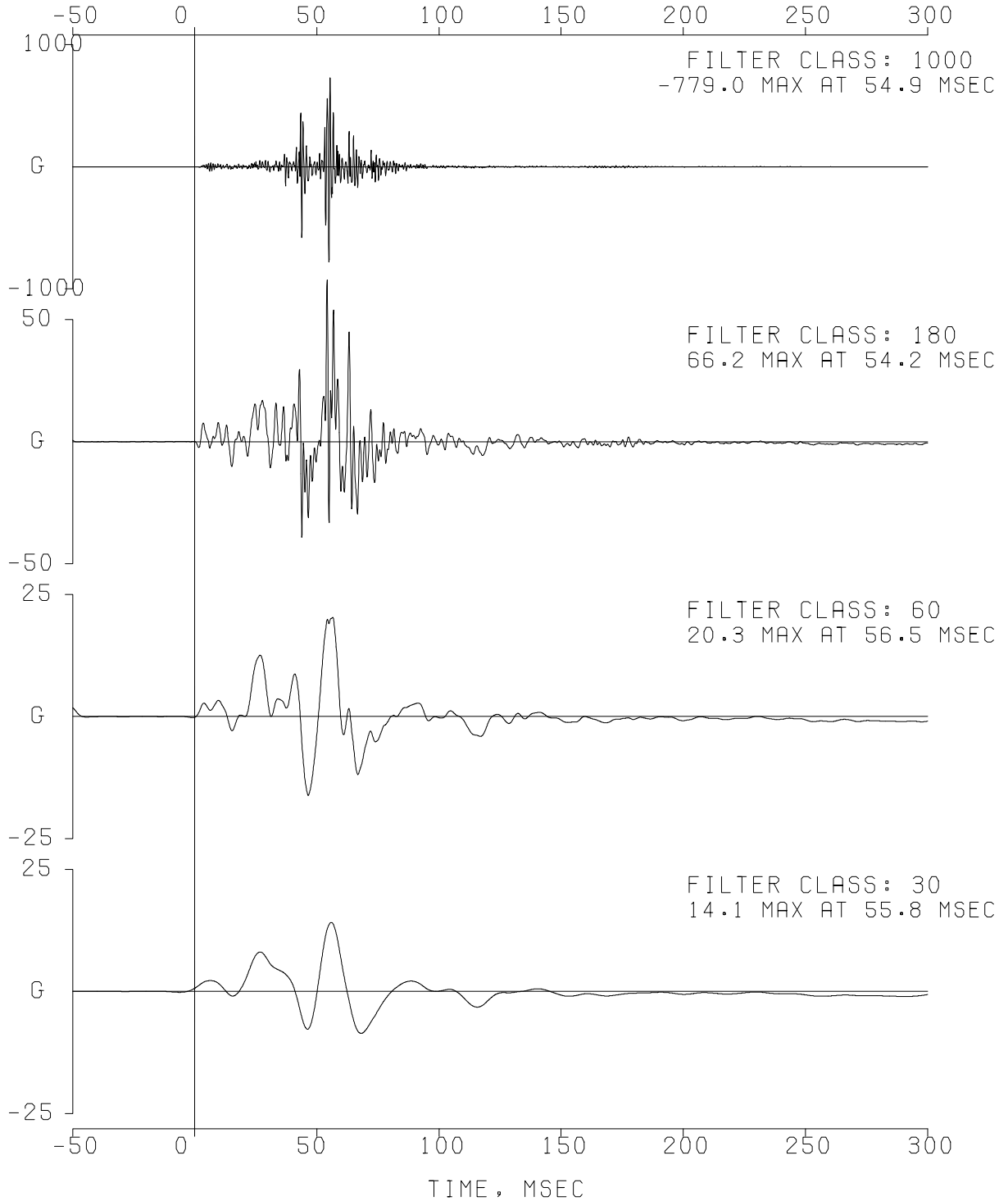
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MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

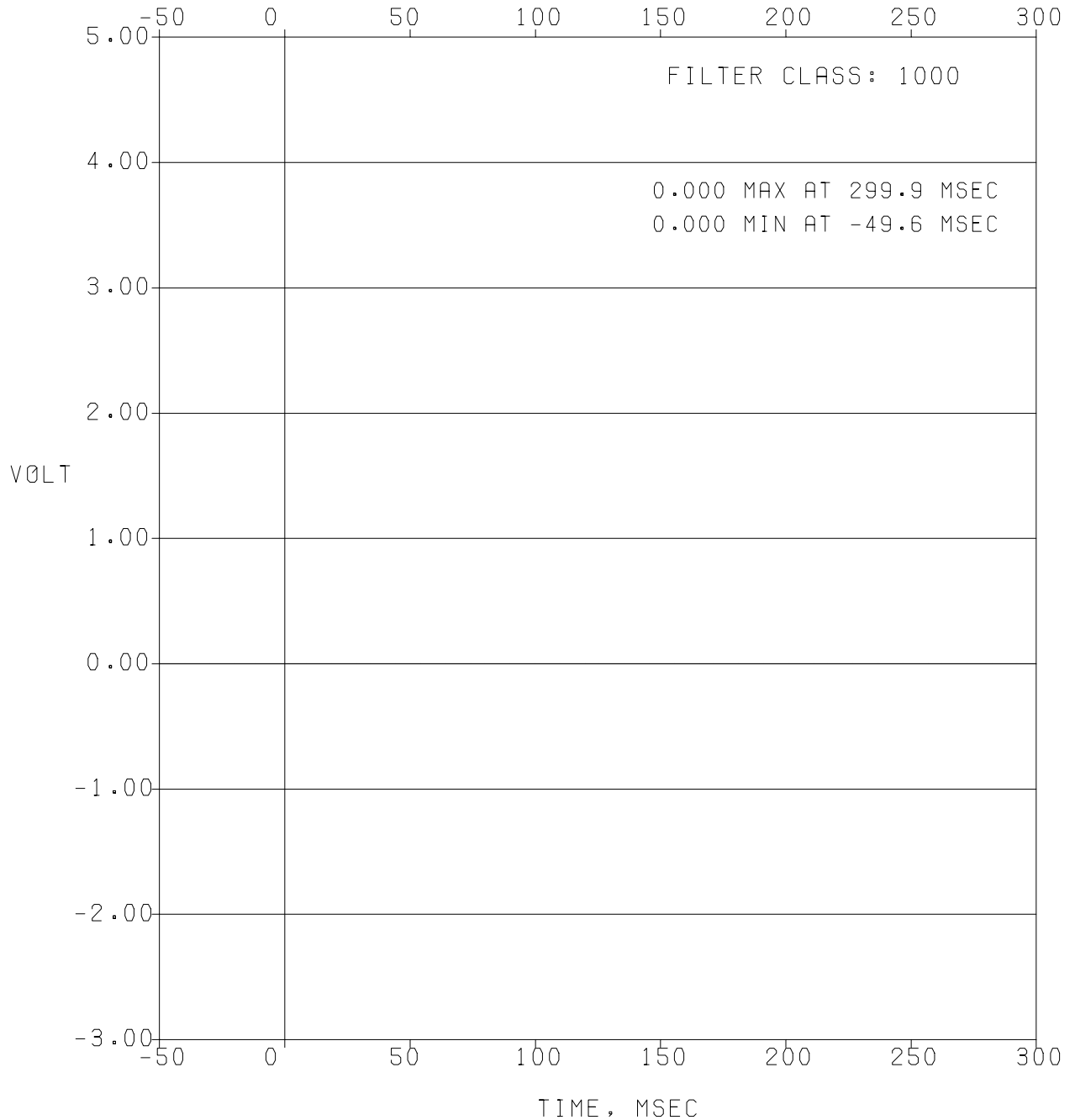
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08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 009 LEFT REAR SILL Z MS11952  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
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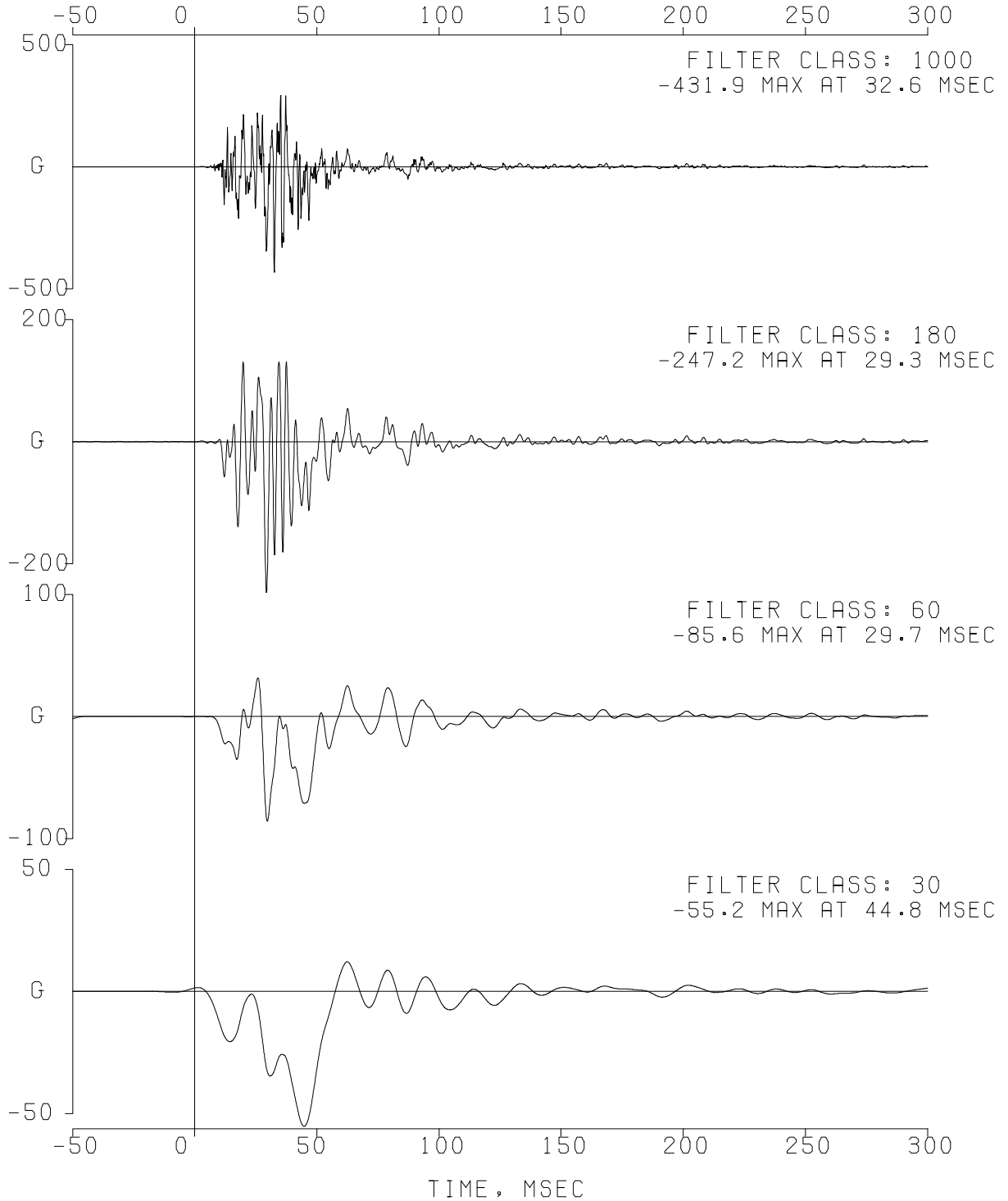
CHANNEL 010 SWING GATE DOOR EV EE

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



\*\*\*\*\* NOTE \*\*\*\*\*  
\*\*\*\*\* NO EVENT \*\*\*\*\*

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 011 SWING GATE BLW HANDLE X ET21116  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 011 SWING GATE BLW HANDLE X ET21116

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

IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

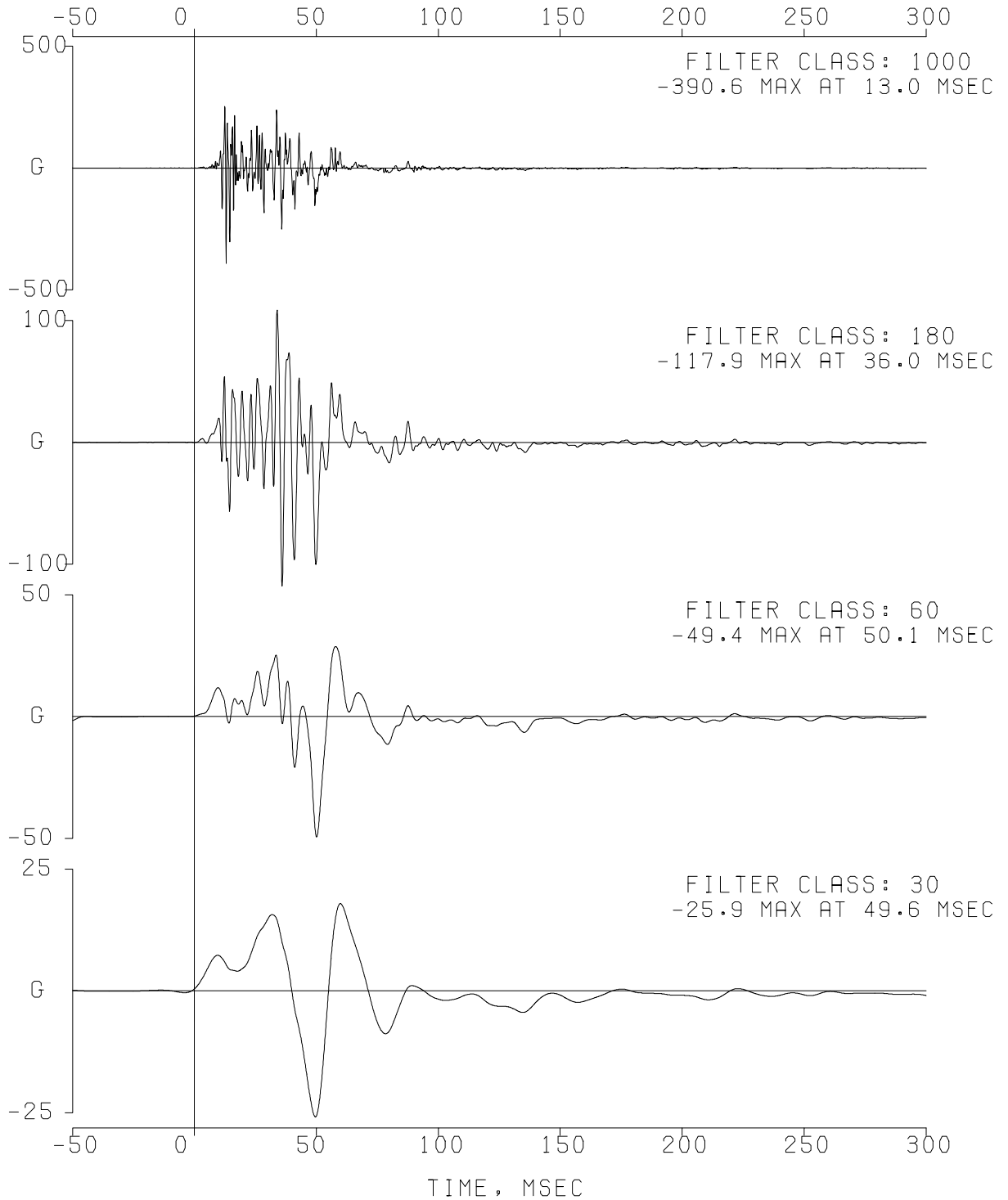
DATA SET 04/28/07BA  
ERRATA 1



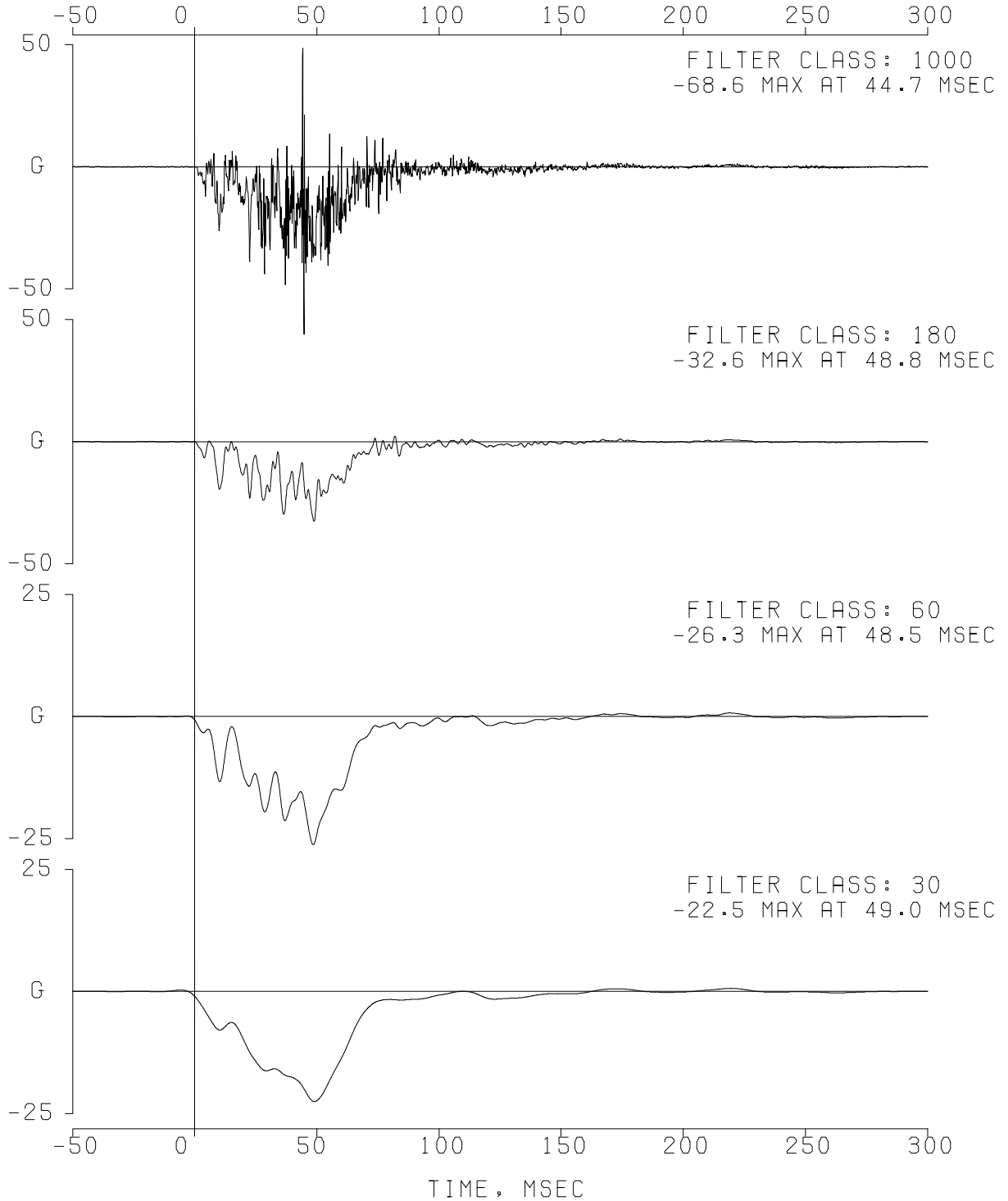
COMPUTED KPH  
COMPUTED CM



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 012 SWING GATE BLW HANDLE Z ET21129  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 013 RIGHT REAR SILL X MS12231  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1

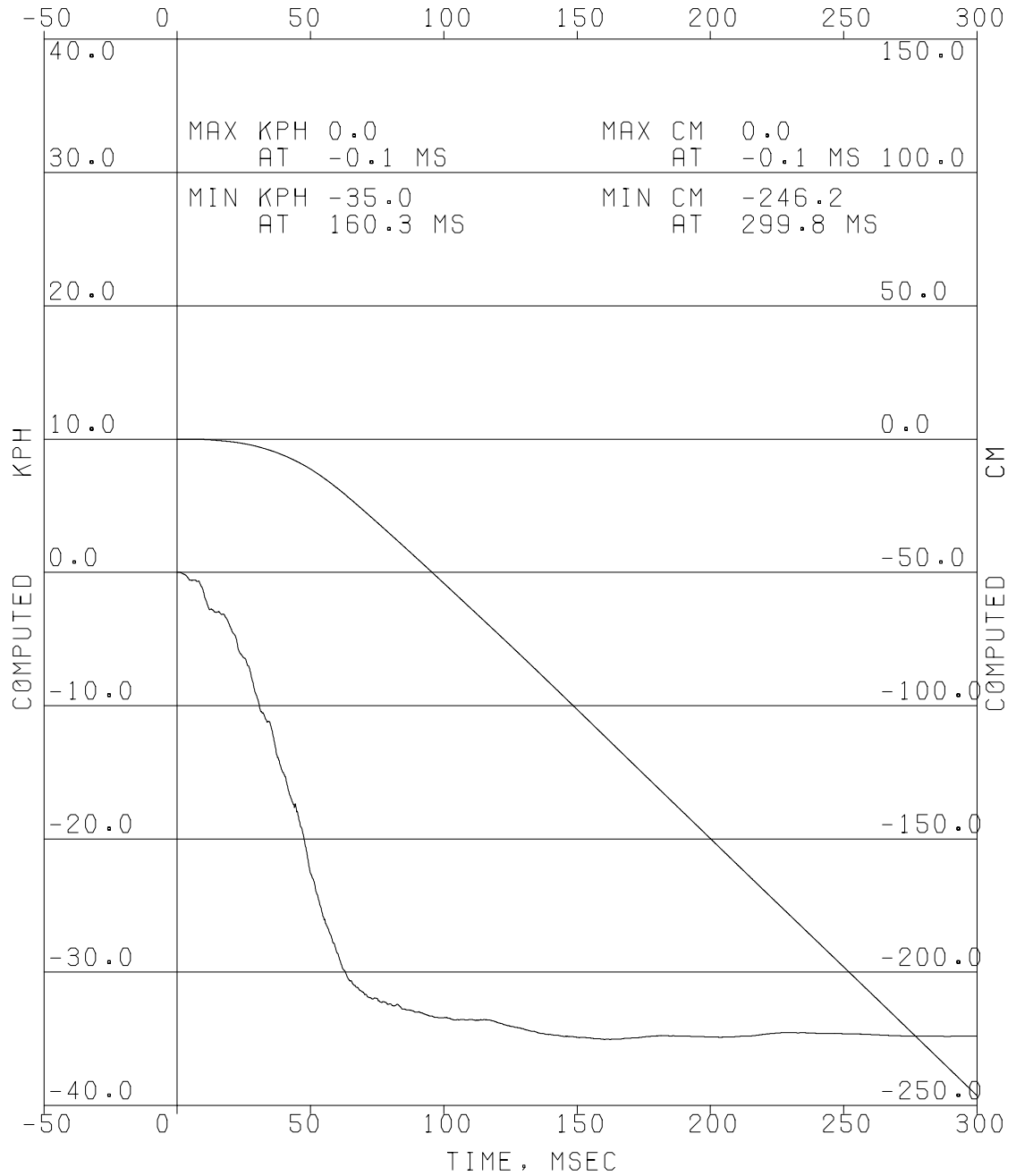


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
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FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
FILTER CLASS: 1000

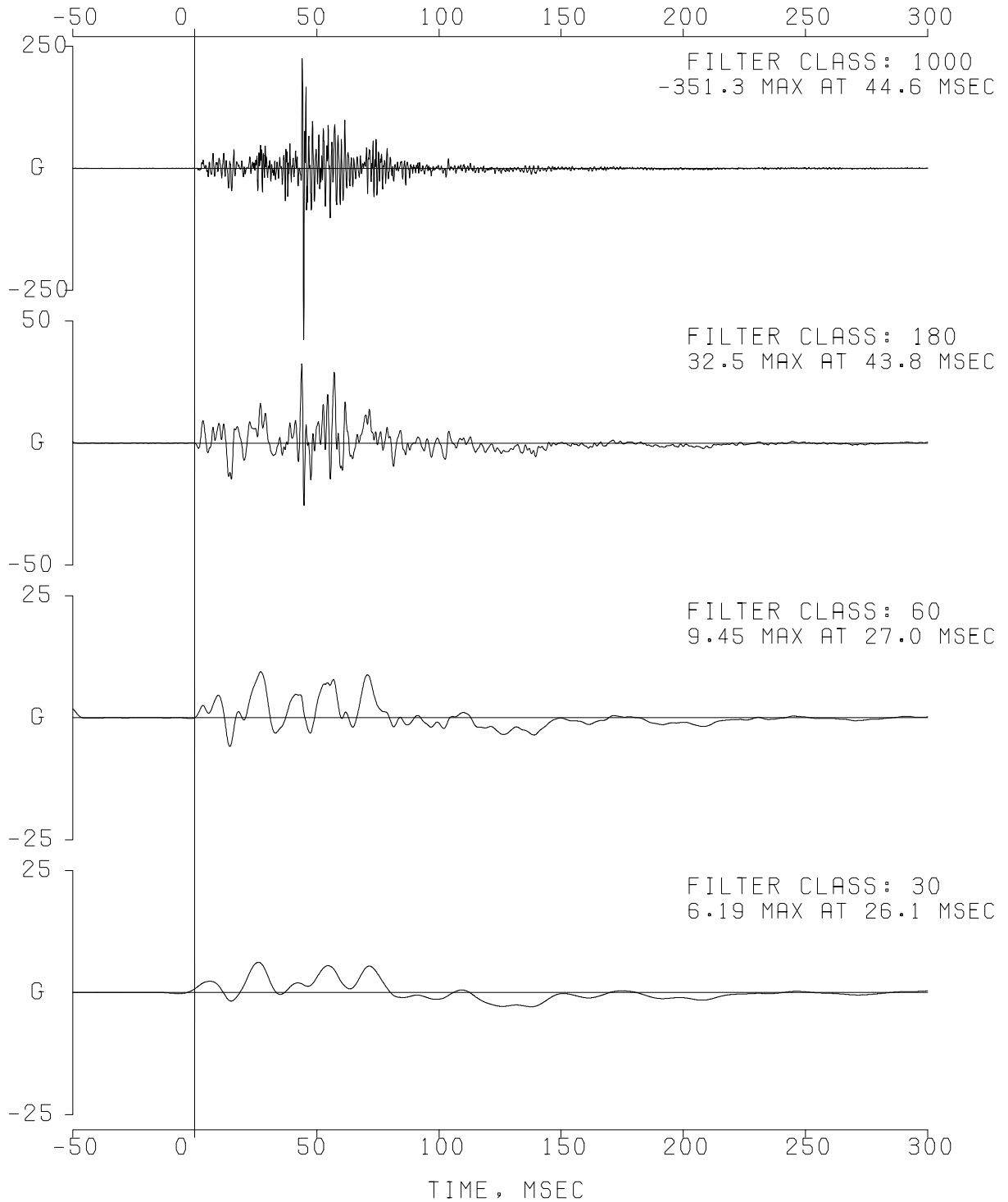
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

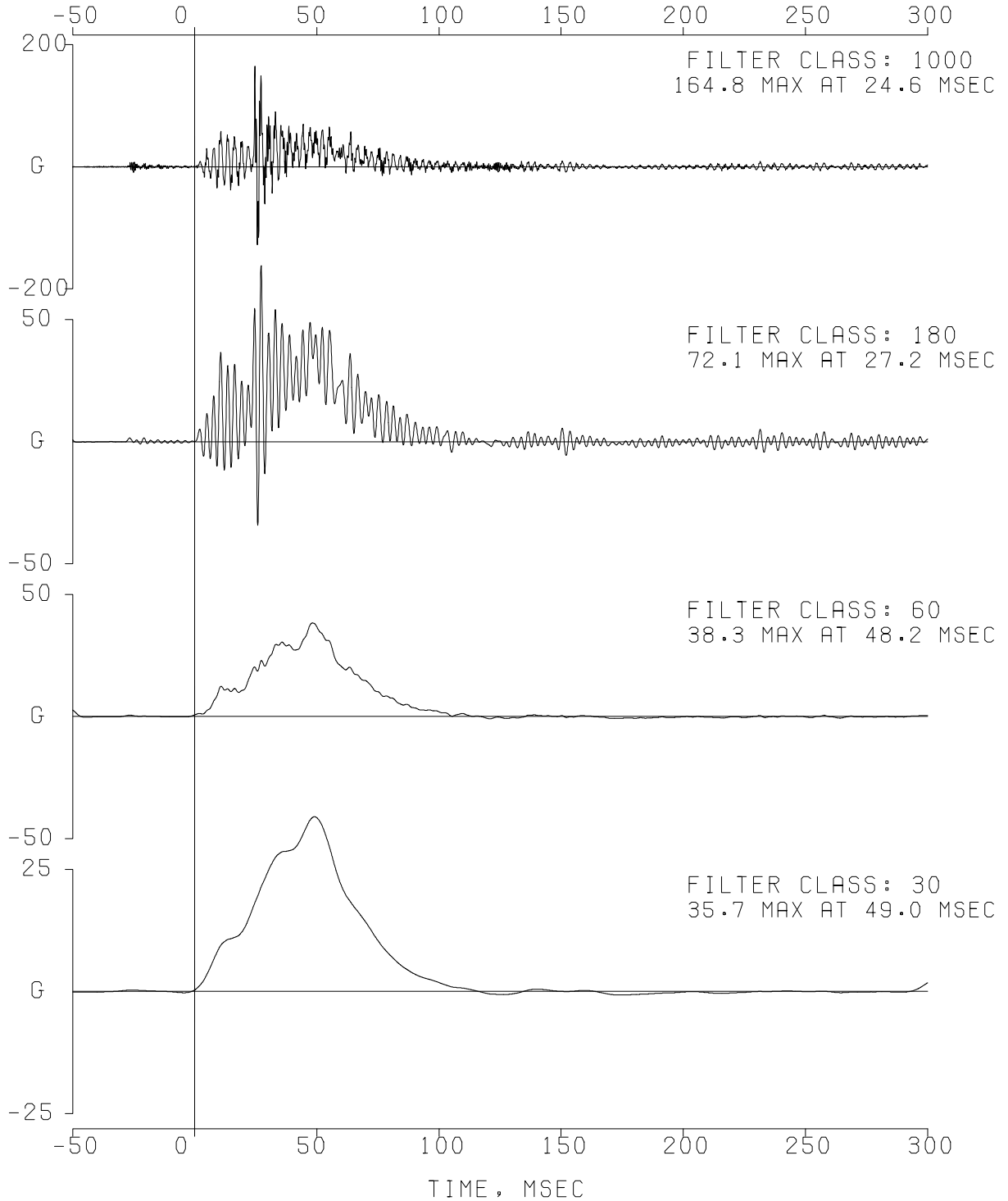


COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 014 RIGHT REAR SILL Z MS12259  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 015 M-ADJ FRONT XMBR X MS11599  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1

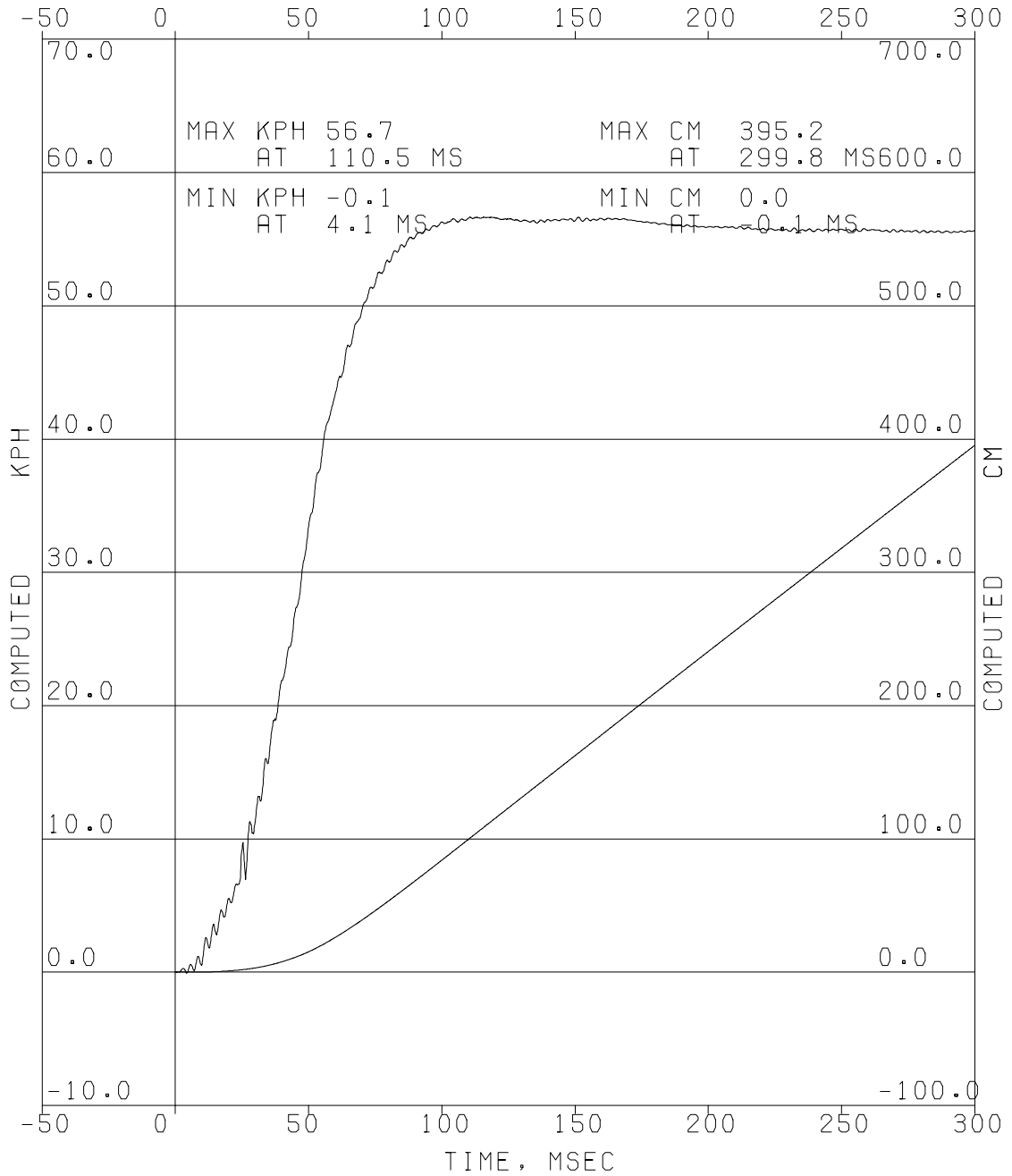


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
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FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
FILTER CLASS: 1000

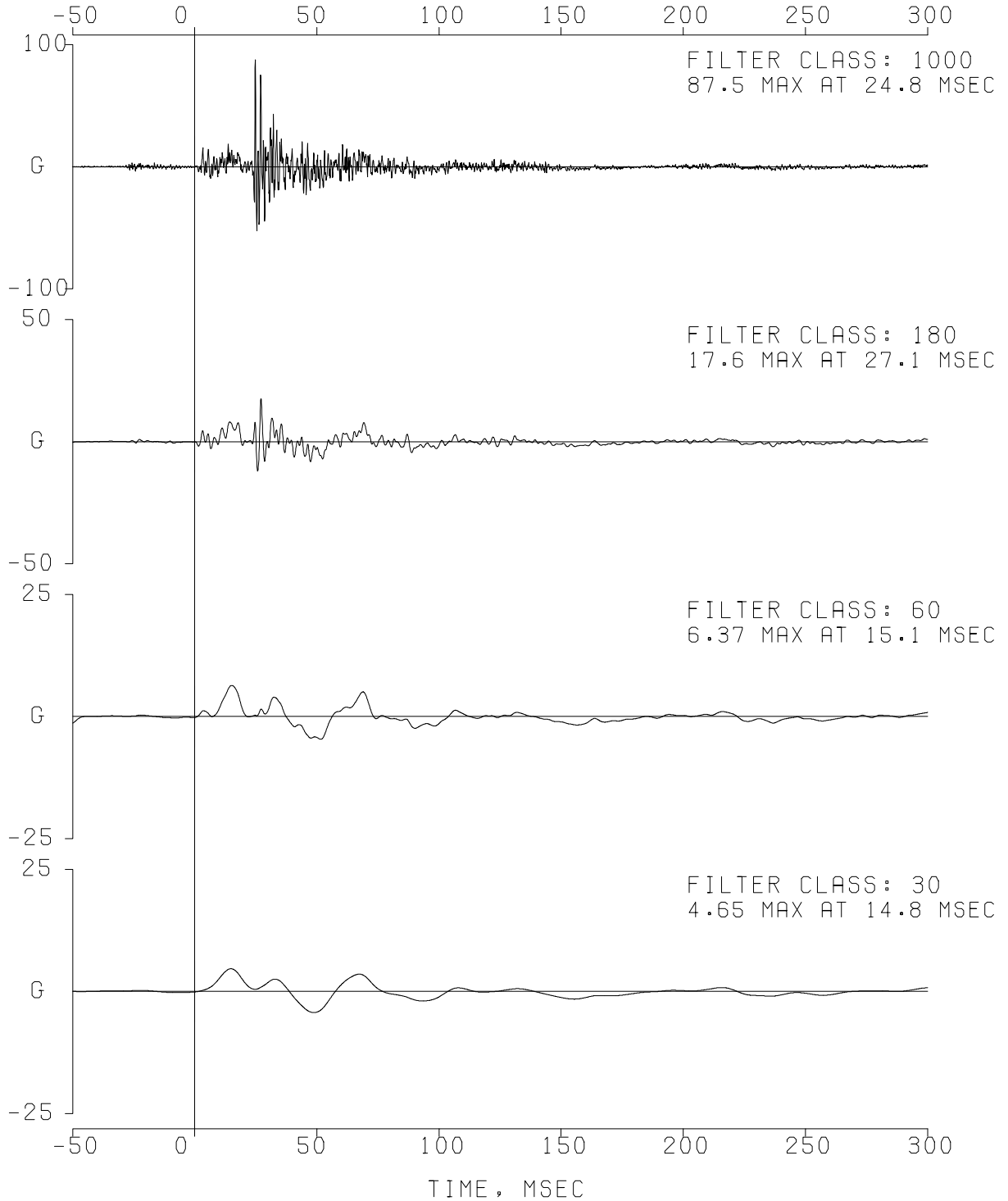
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MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

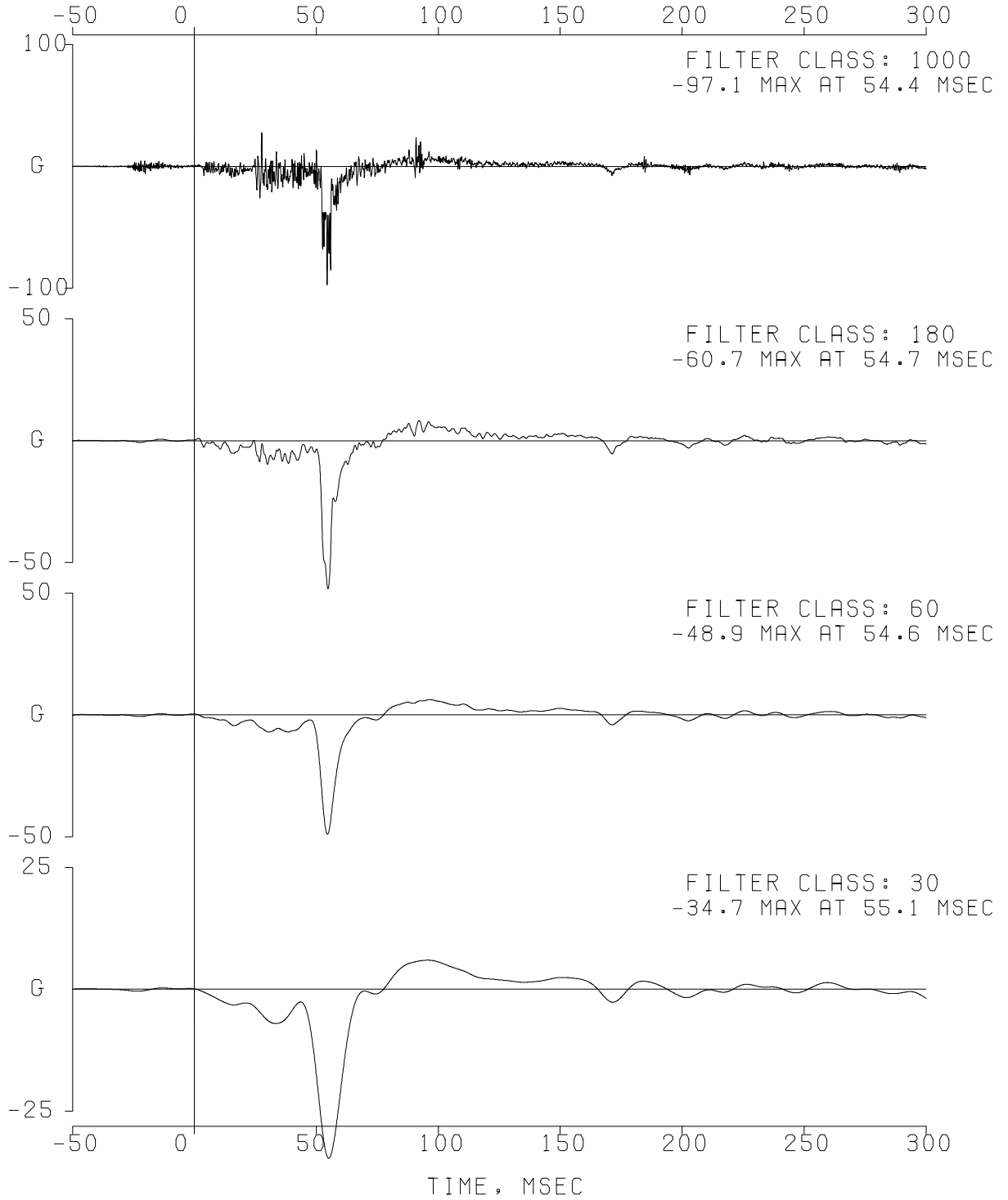


COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 016 M-ADJ FRONT XMBR Y MS11819  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1,2007 ERRATA 1

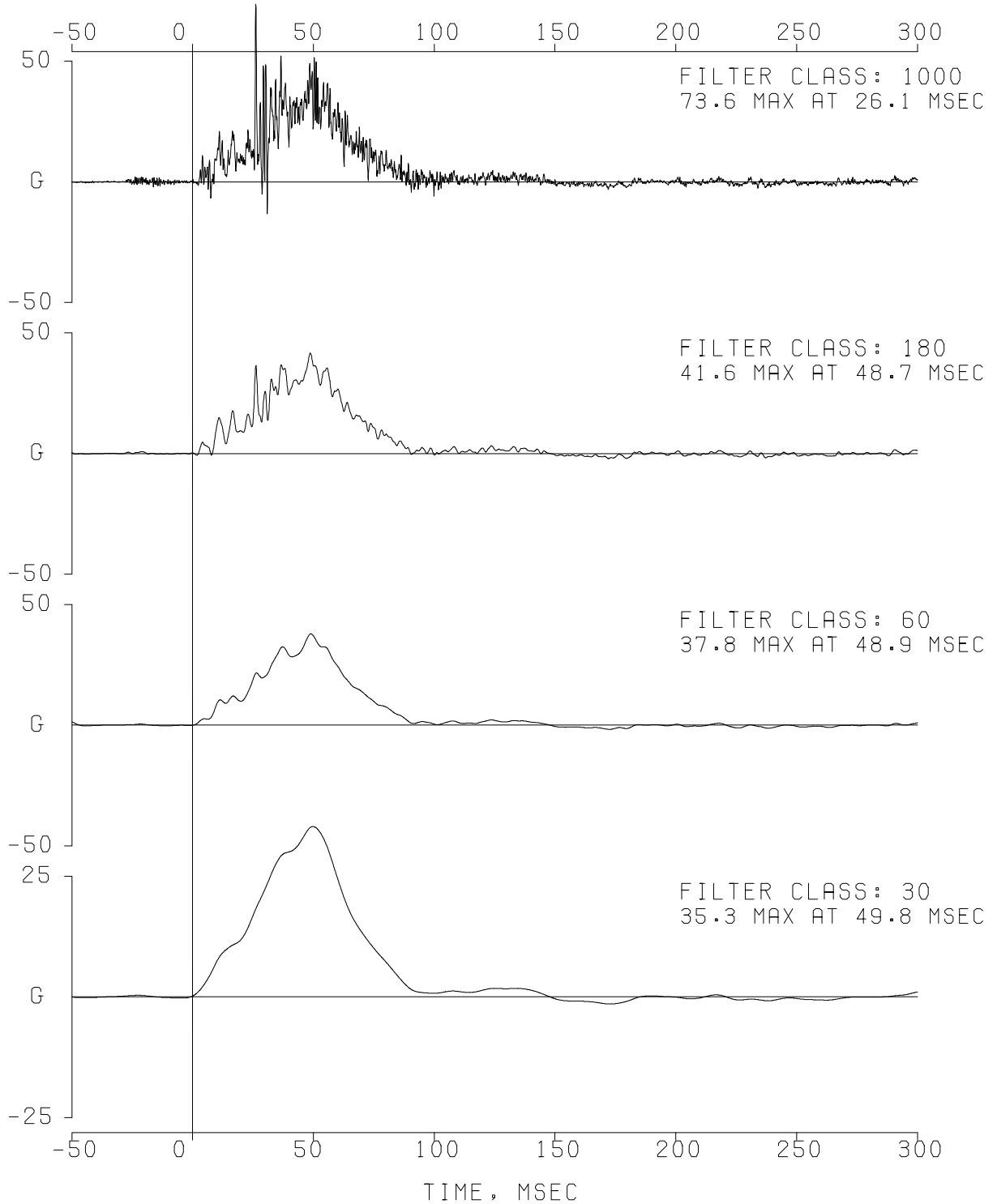


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CHANNEL 017 M-ADJ REAR XMBR Y MS11595  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BB  
MAY 1, 2007 ERRATA 1





VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 018 M-ADJ LT RAIL MID X MS11756  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1, 2007 ERRATA 1

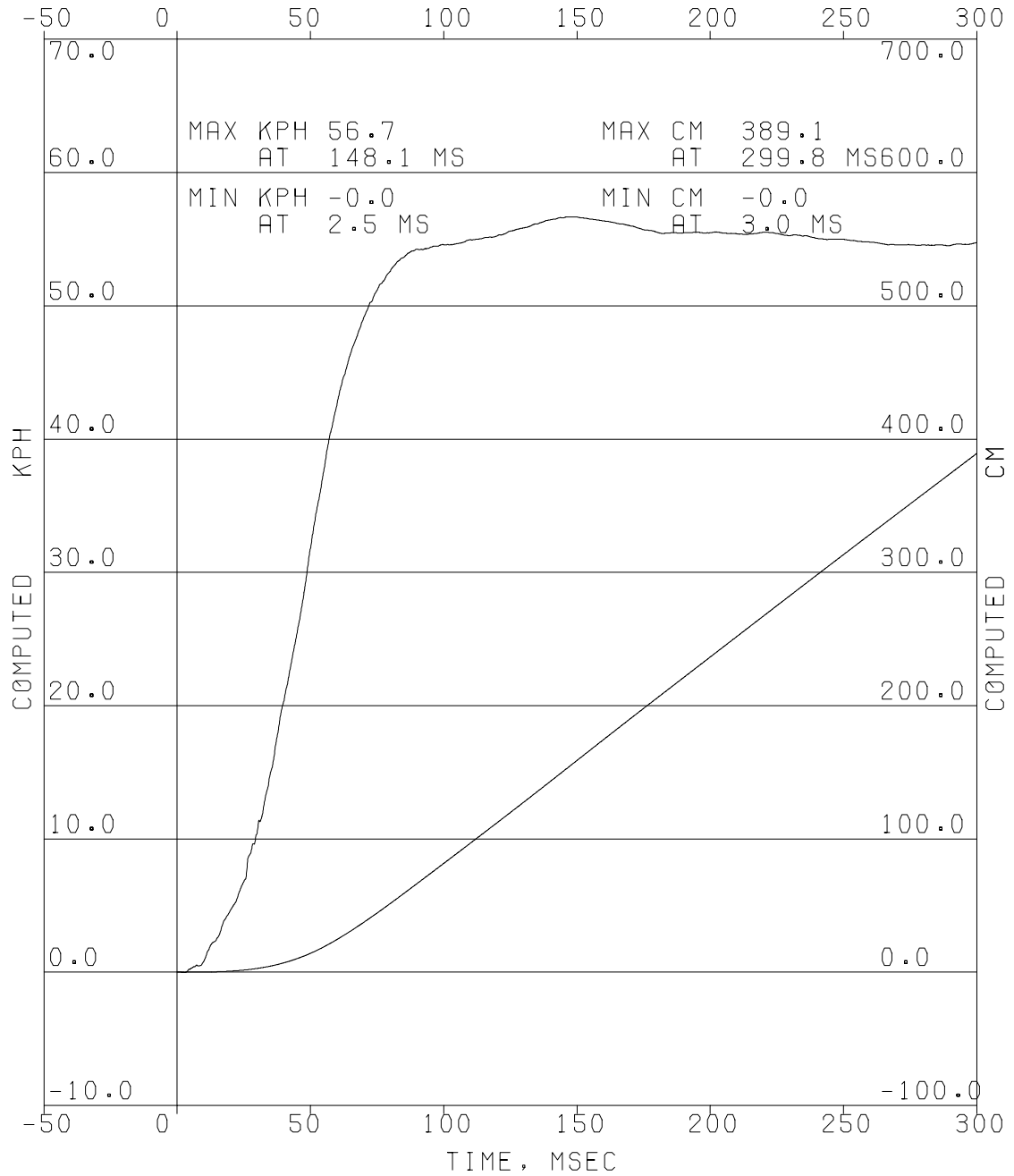


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FILTER CLASS: 1000

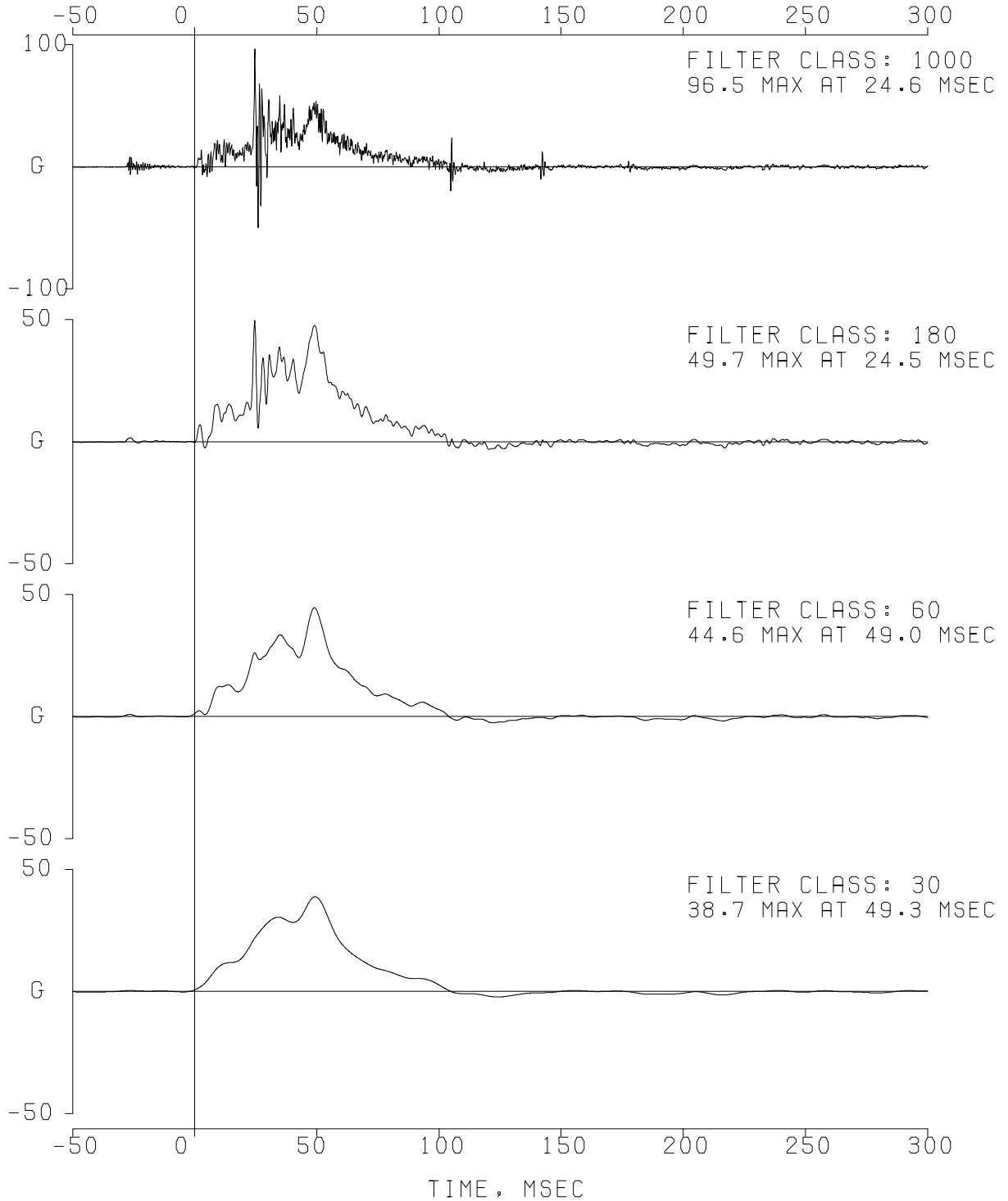
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BB  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 019 M-ADJ RT RAIL MID X MS11672  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BB  
MAY 1, 2007 ERRATA 1

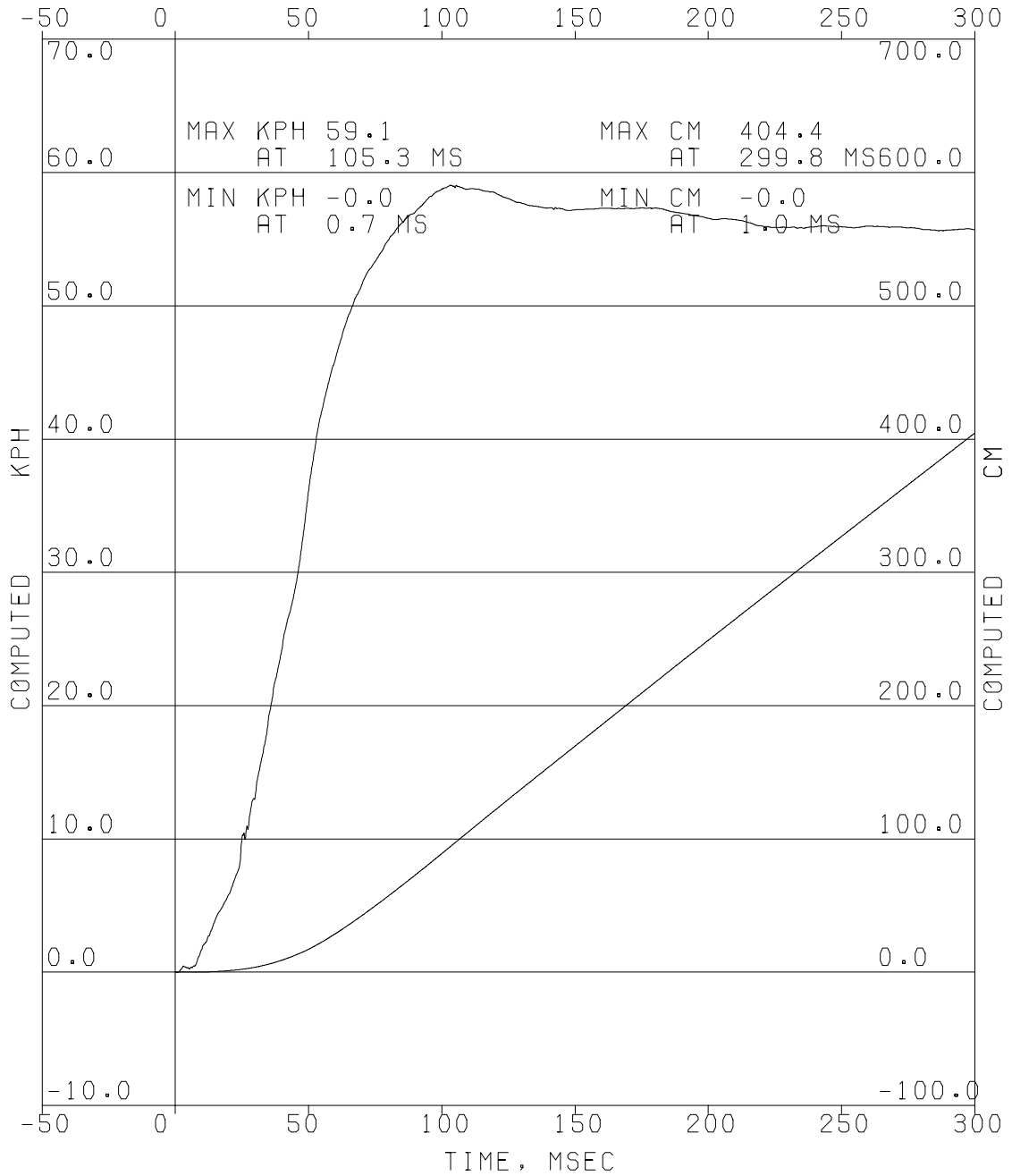


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 019 M-ADJ RT RAIL MID X MS11672

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

IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BB  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

TITLE: Page Index of EDP plots Pages 001 - 035  
\*\*\*\*\* VC14515A \*\*\*\*\* Page I-01

TITLE: Transducer Summary Reports Pages 001 - 003  
SYSTEM: METRIC  
PAGE: 001 TSR Channels 001 - 008  
PAGE: 002 TSR Channels 009 - 016  
PAGE: 003 TSR Channels 017 - 019

\*\*\*\*\* VC14515B \*\*\*\*\*

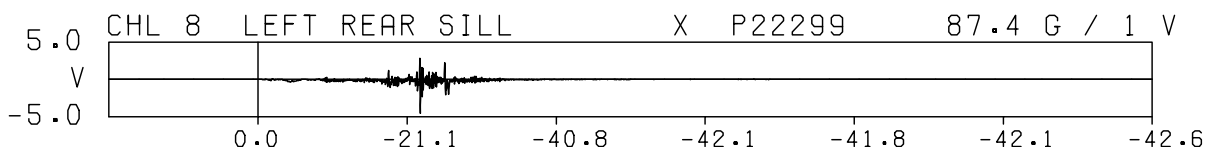
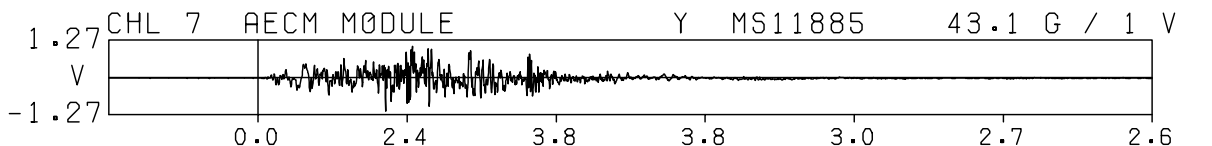
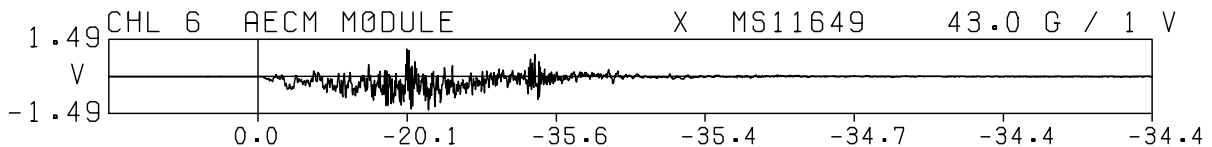
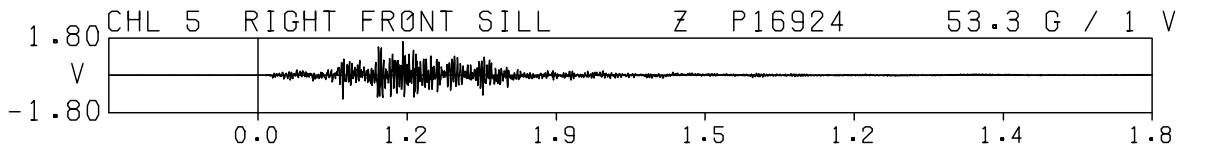
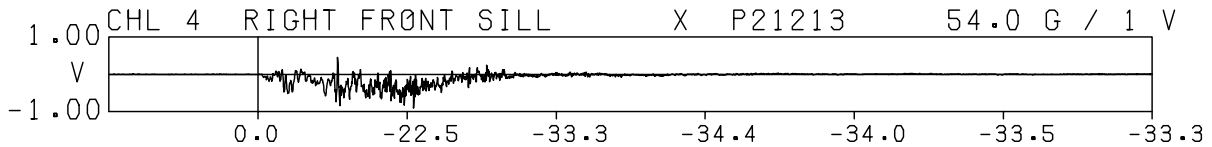
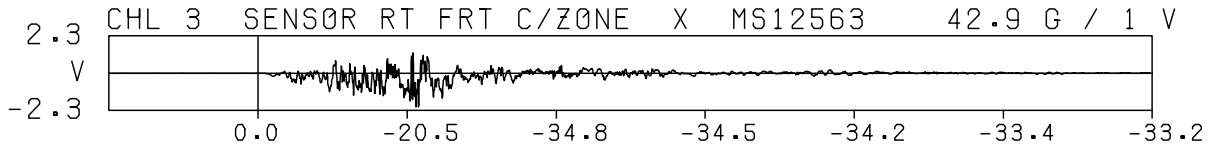
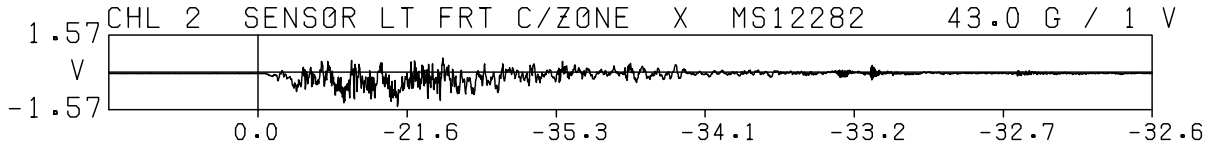
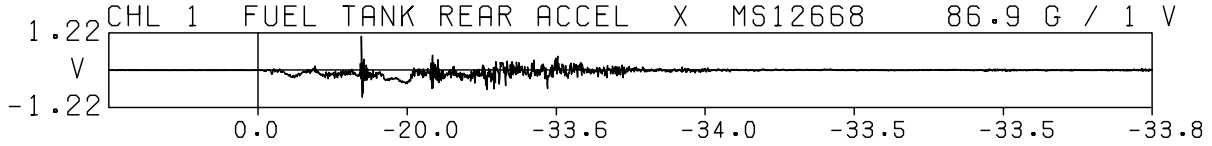
TITLE: Vehicle Channels Pages 004 - 035  
SYSTEM: METRIC  
PAGE: 004 Average of Sill Chls 0, 4, & 8  
PAGE: 005 Average of Rear Sill Chls 8 & 13  
PAGE: 006 FUEL TANK REAR ACCEL X, Chl 1  
PAGE: 007 FUEL TANK REAR ACCEL X, Chl 1, VD  
PAGE: 008 SENSOR LT FRT C/ZONE X, Chl 2  
PAGE: 009 SENSOR LT FRT C/ZONE X, Chl 2, VD  
PAGE: 010 SENSOR RT FRT C/ZONE X, Chl 3  
PAGE: 011 SENSOR RT FRT C/ZONE X, Chl 3, VD  
PAGE: 012 RIGHT FRONT SILL X, Chl 4  
PAGE: 013 RIGHT FRONT SILL X, Chl 4, VD  
PAGE: 014 RIGHT FRONT SILL Z, Chl 5  
PAGE: 015 AECM MODULE X, Chl 6  
PAGE: 016 AECM MODULE X, Chl 6, VD  
PAGE: 017 AECM MODULE Y, Chl 7  
PAGE: 018 LEFT REAR SILL X, Chl 8  
PAGE: 019 LEFT REAR SILL X, Chl 8, VD  
PAGE: 020 LEFT REAR SILL Z, Chl 9  
PAGE: 021 SWING GATE DOOR EV, Chl 10, Event \*N\*  
PAGE: 022 SWING GATE BLW HANDLE X, Chl 11  
PAGE: 023 SWING GATE BLW HANDLE X, Chl 11, VD  
PAGE: 024 SWING GATE BLW HANDLE Z, Chl 12  
PAGE: 025 RIGHT REAR SILL X, Chl 13  
PAGE: 026 RIGHT REAR SILL X, Chl 13, VD  
PAGE: 027 RIGHT REAR SILL Z, Chl 14  
PAGE: 028 M-ADJ FRONT XMBR X, Chl 15  
PAGE: 029 M-ADJ FRONT XMBR X, Chl 15, VD  
PAGE: 030 M-ADJ FRONT XMBR Y, Chl 16  
PAGE: 031 M-ADJ REAR XMBR Y, Chl 17  
PAGE: 032 M-ADJ LT RAIL MID X, Chl 18  
PAGE: 033 M-ADJ LT RAIL MID X, Chl 18, VD  
PAGE: 034 M-ADJ RT RAIL MID X, Chl 19  
PAGE: 035 M-ADJ RT RAIL MID X, Chl 19, VD

TRANSDUCER SUMMARY REPORT

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

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

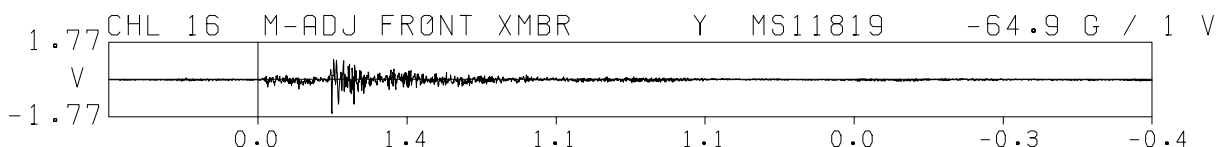
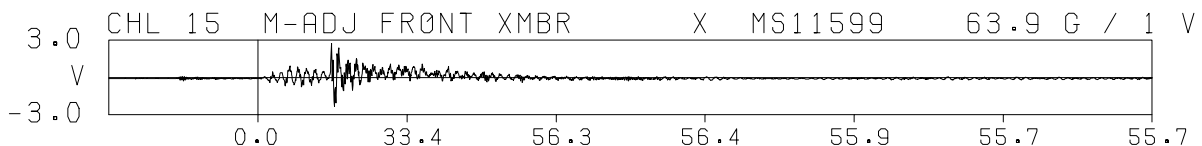
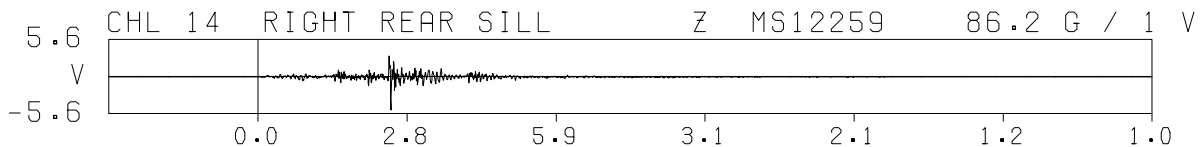
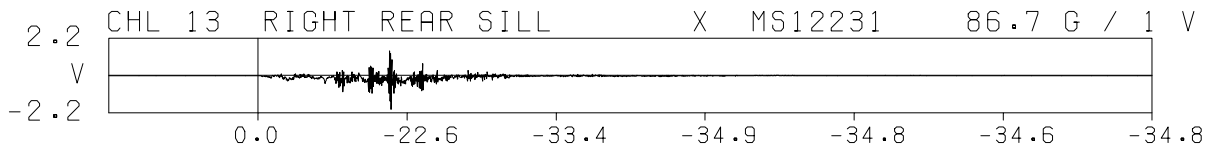
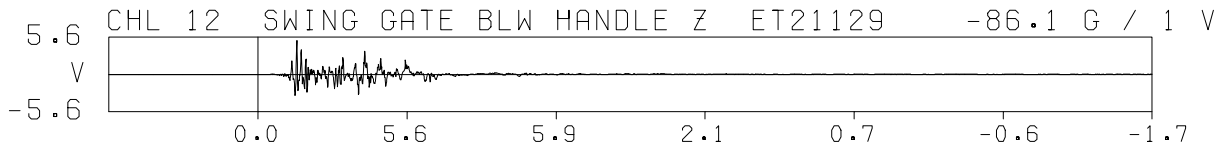
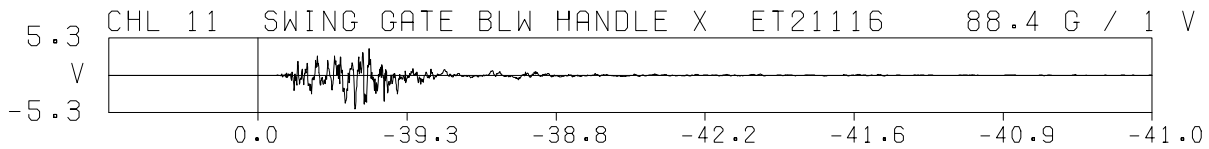
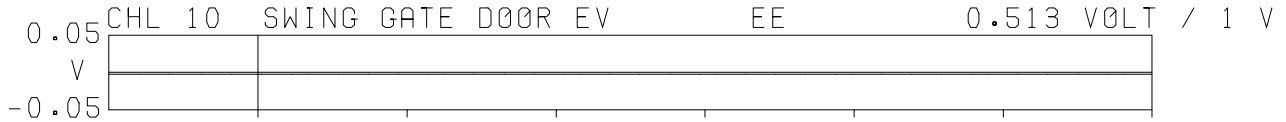
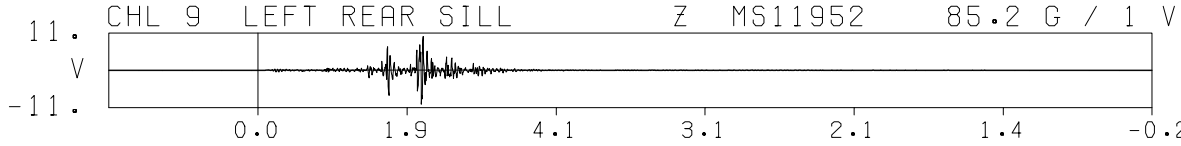
NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
 08 KK, FMVSS 301 COMPLIANCE TEST  
 IMPACT ANALYSIS DEPT. 5320  
 MAY 1, 2007

DATA SET 04/28/07BA  
 ERRATA 1

-50 0 50 100 150 200 250 300



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

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

TRANSDUCER SUMMARY REPORT

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742

08 KK, FMVSS 301 COMPLIANCE TEST

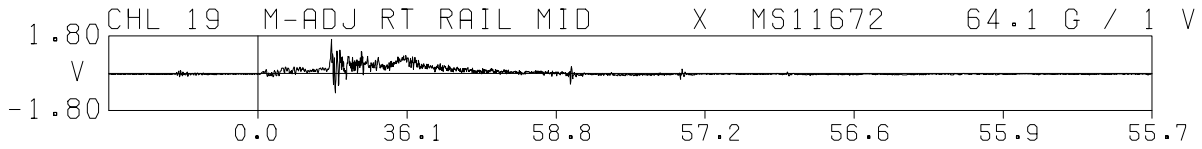
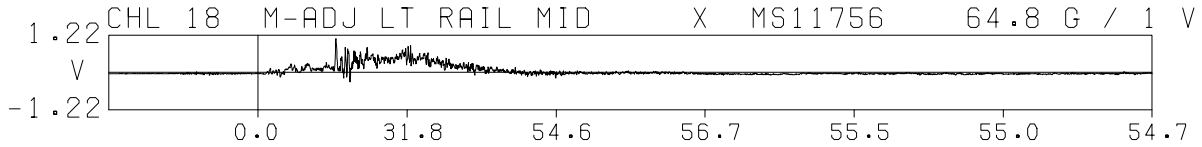
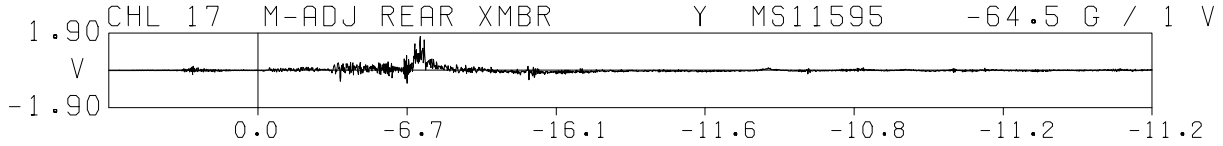
IMPACT ANALYSIS DEPT. 5320

DATA SET 04/28/07BB

MAY 1, 2007

ERRATA 1

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TIME, MSEC

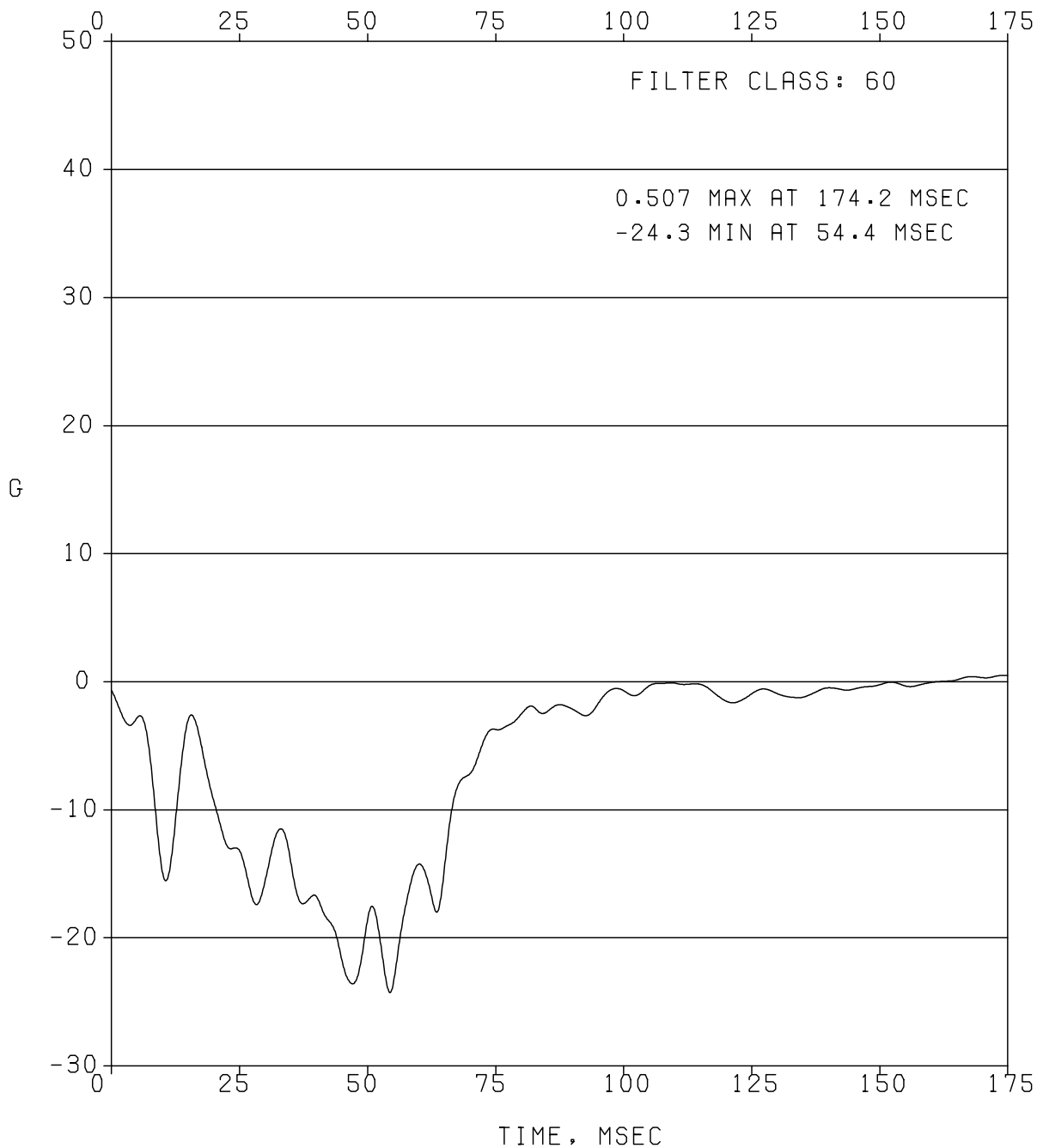
NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
AVERAGE OF

CHANNEL 004	RIGHT FRONT SILL	X	P21213
CHANNEL 008	LEFT REAR SILL	X	P22299
CHANNEL 013	RIGHT REAR SILL	X	MS12231

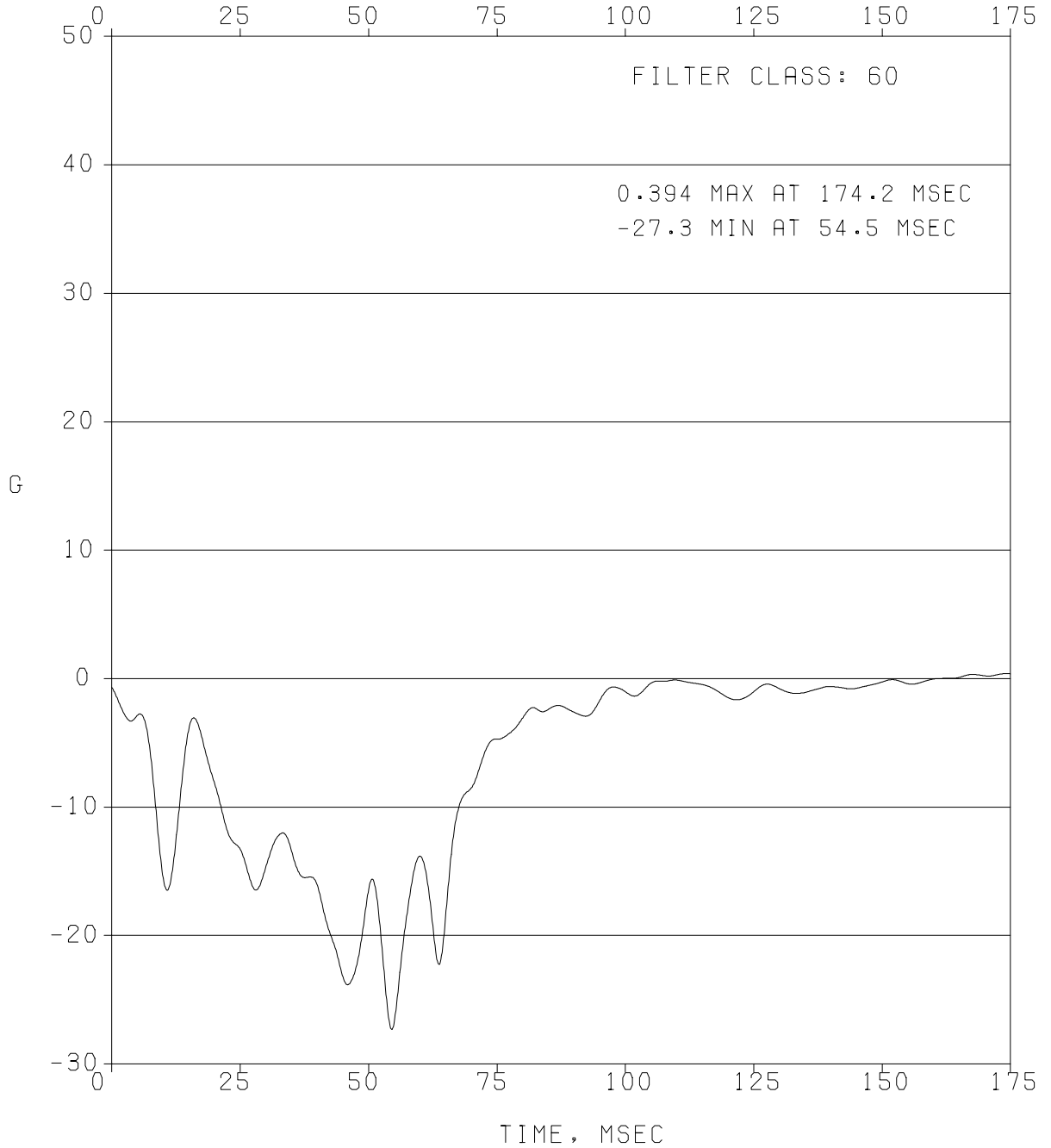
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IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



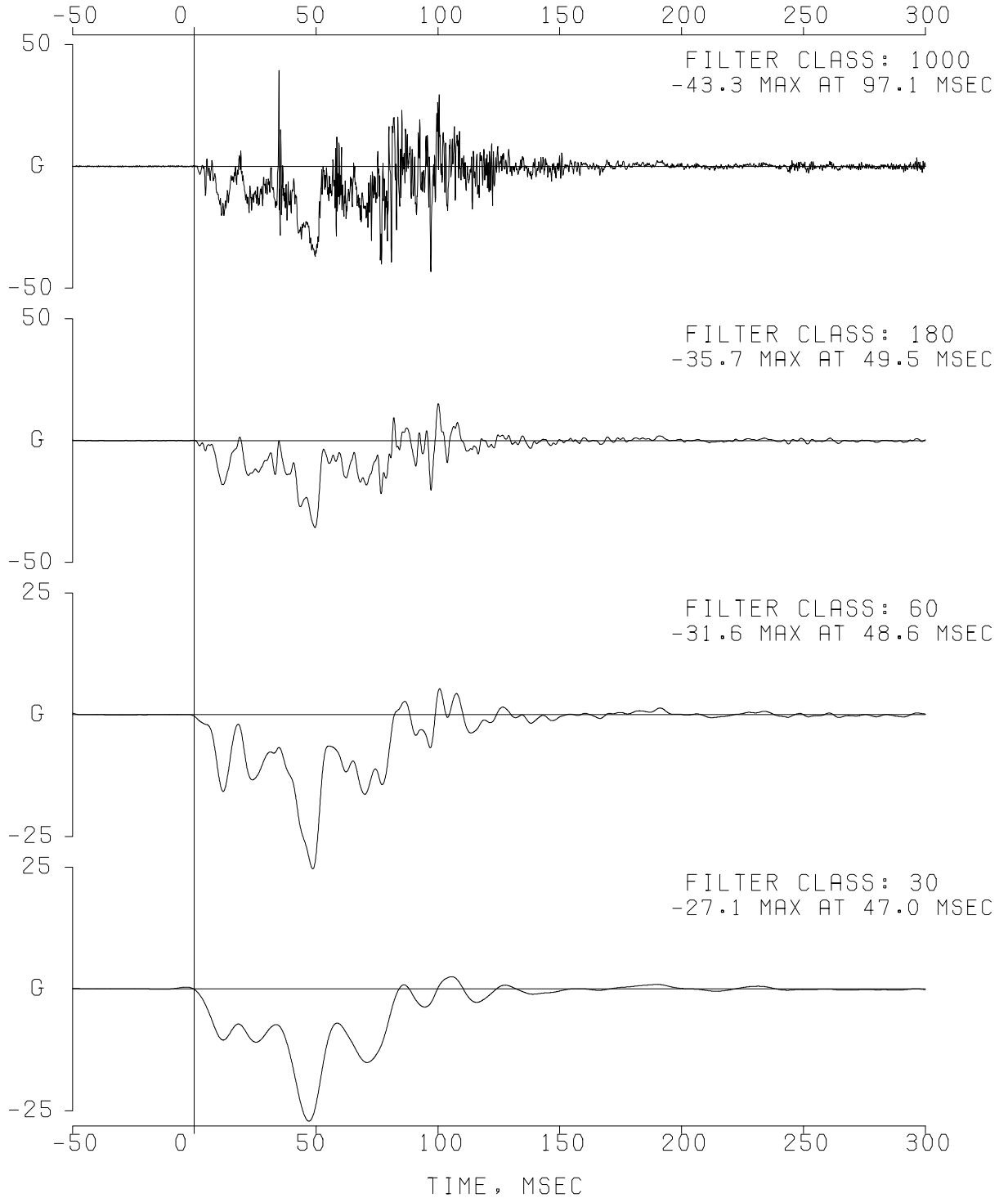
VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
AVERAGE OF

CHANNEL 008 LEFT REAR SILL X P22299  
CHANNEL 013 RIGHT REAR SILL X MS12231

FILTER TYPE: PHASELESS, 4 POLE BUTTERWORTH, 2-PASS ( 99.0 )  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 001 FUEL TANK REAR ACCEL X MS12668  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1

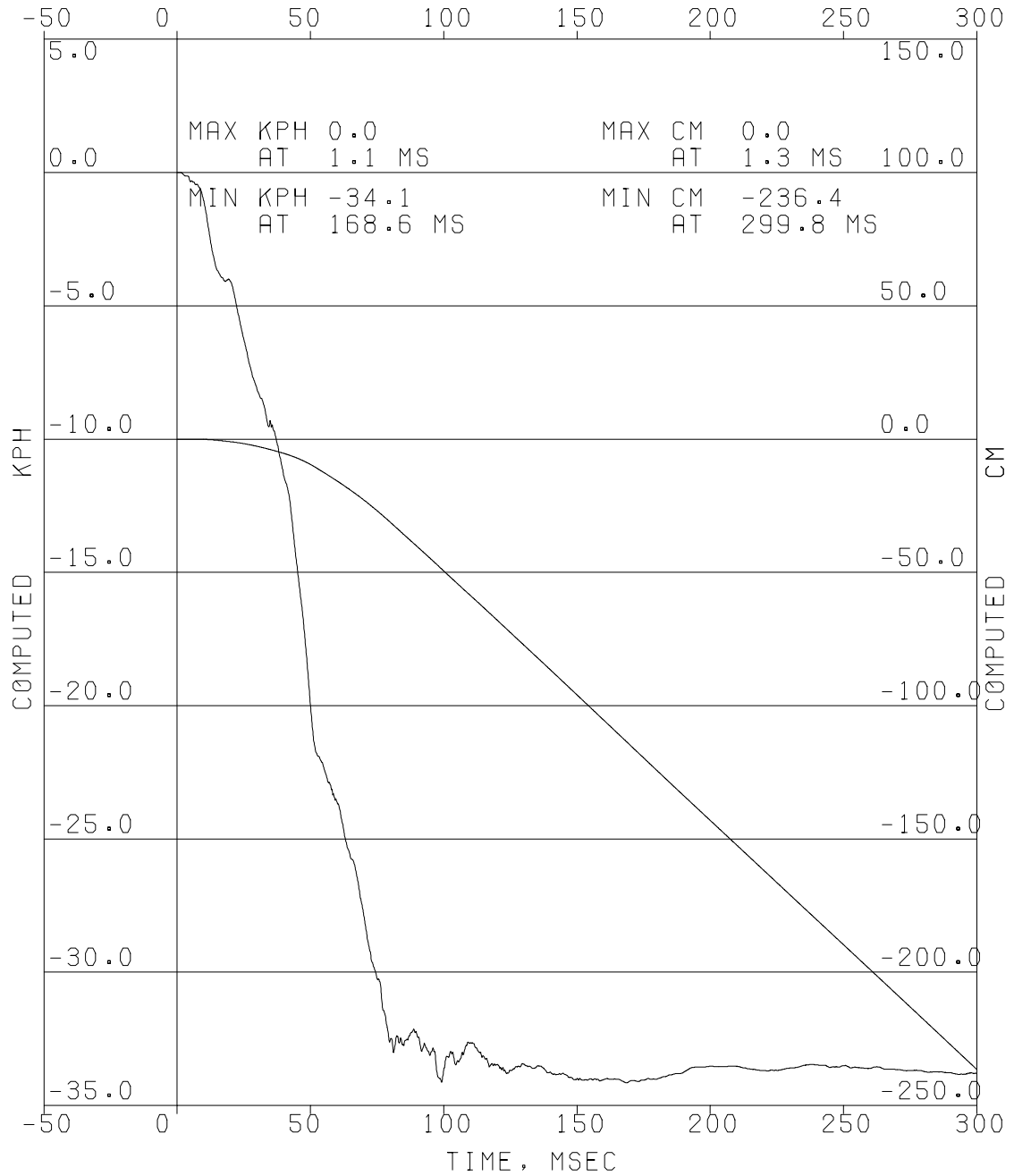


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
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FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
FILTER CLASS: 1000

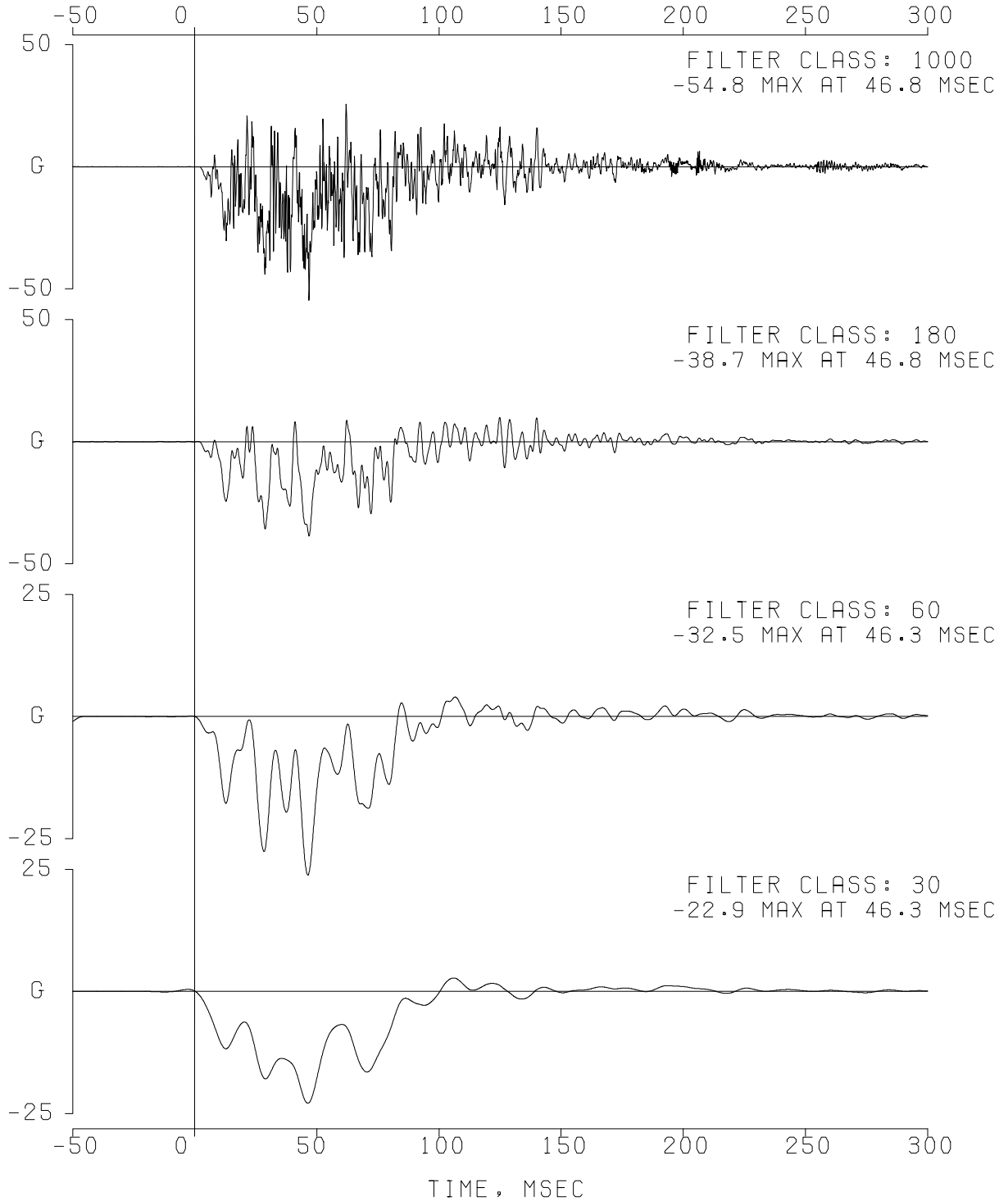
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 002 SENSOR LT FRT C/ZONE X MS12282  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1,2007 ERRATA 1

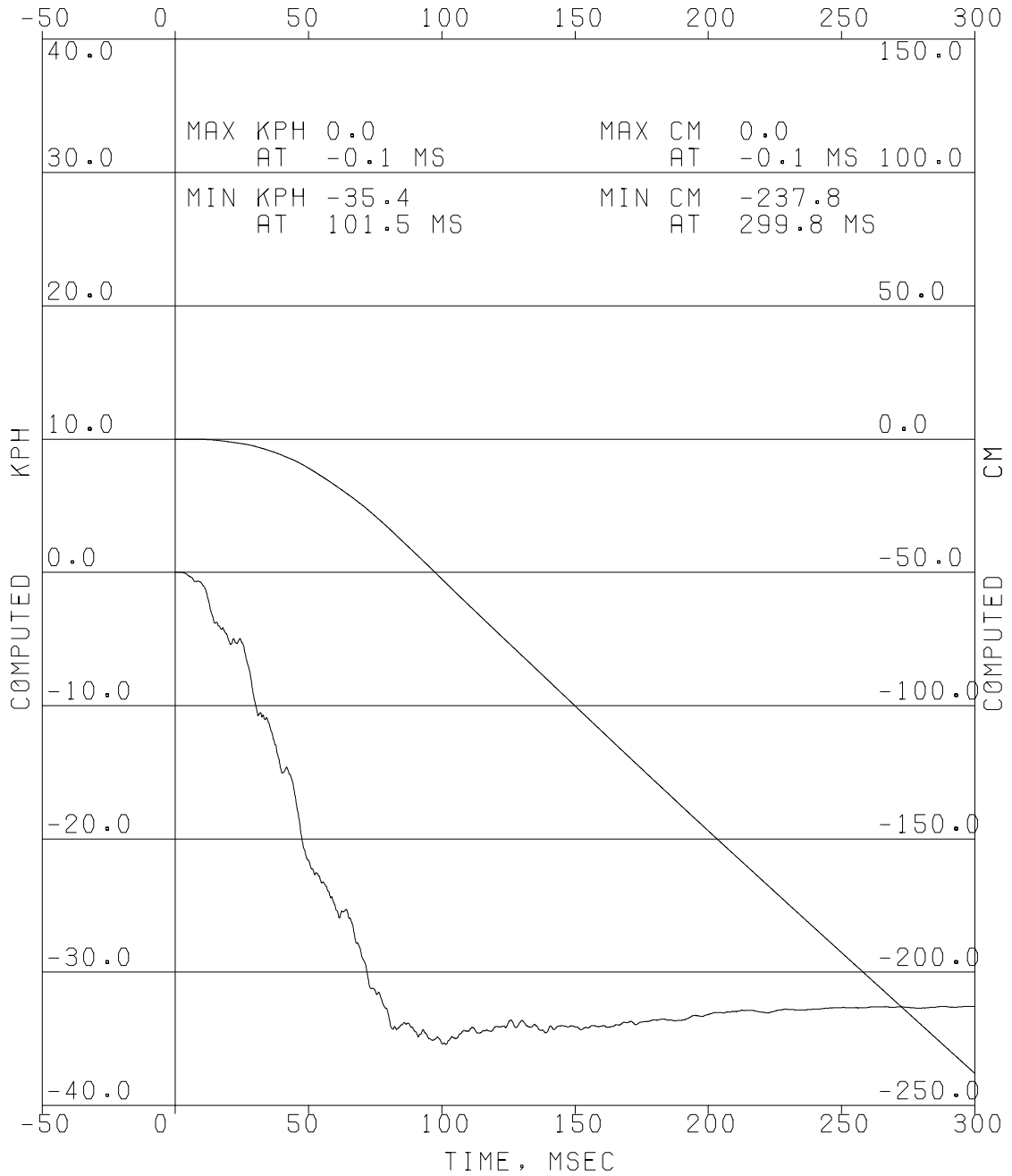


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CHANNEL 002 SENSOR LT FRT C/ZONE X MS12282

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

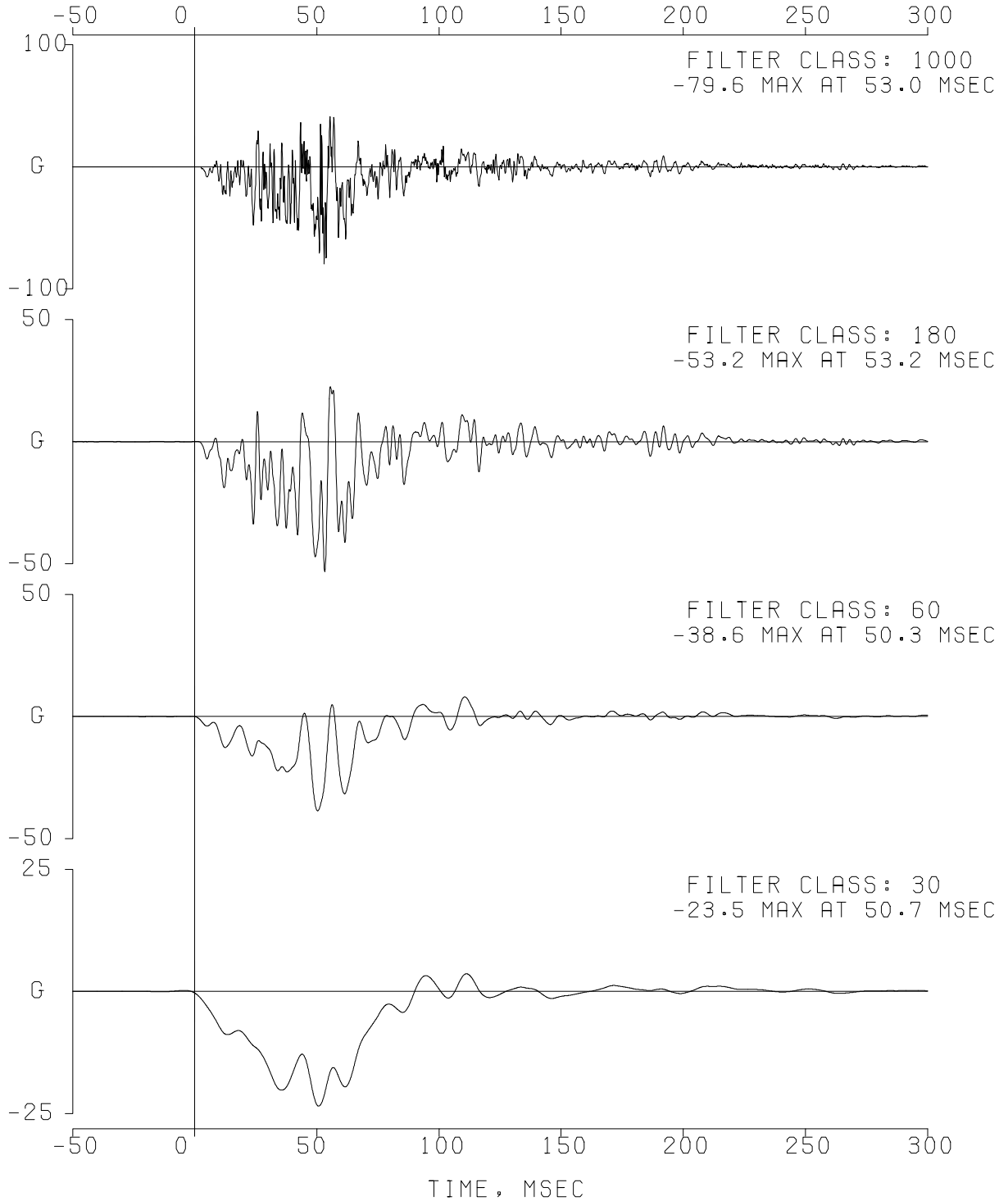
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

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08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 003 SENSOR RT FRT C/ZONE X MS12563  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1, 2007 ERRATA 1

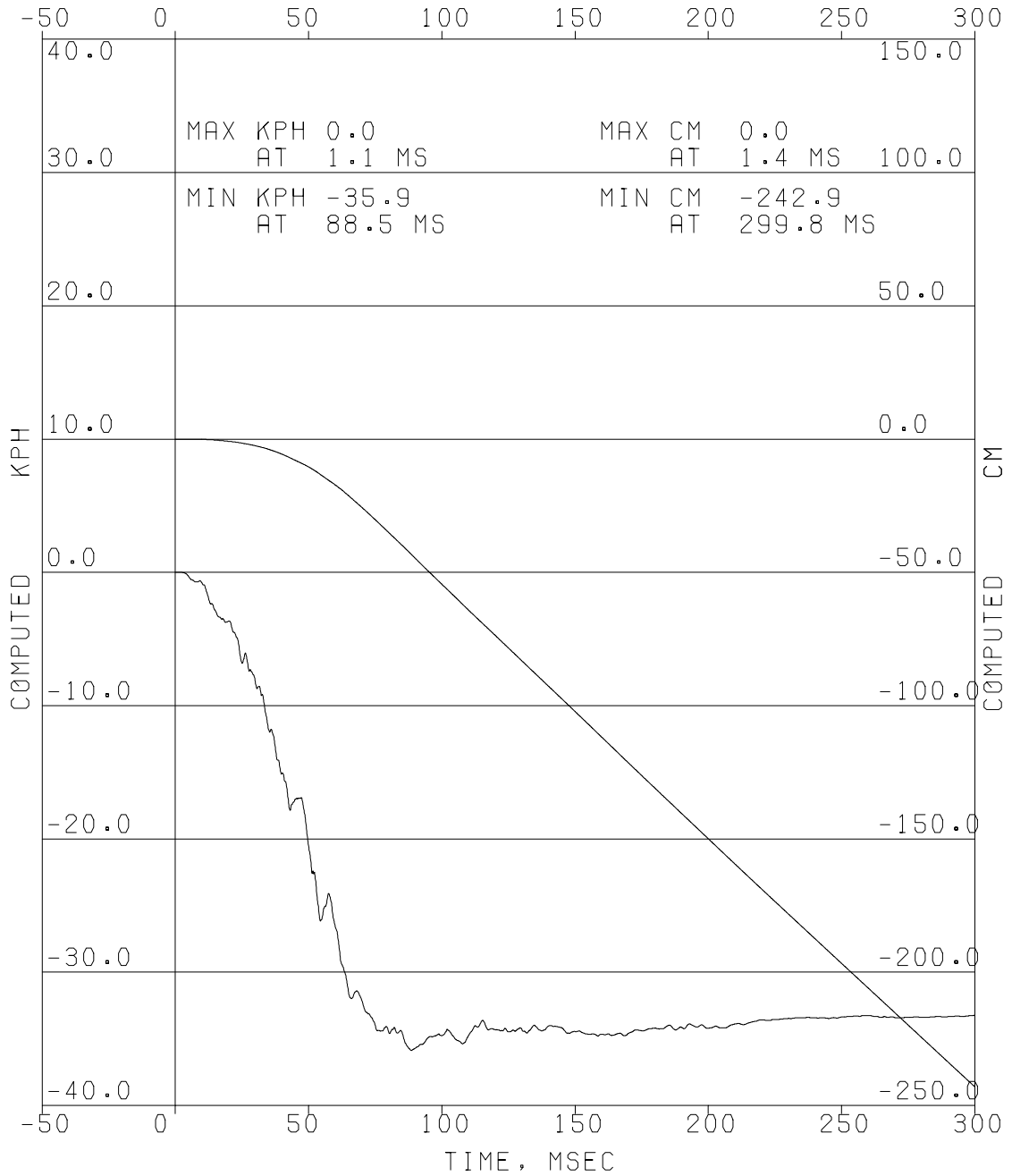


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
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CHANNEL 003 SENSOR RT FRT C/ZONE X MS12563

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FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

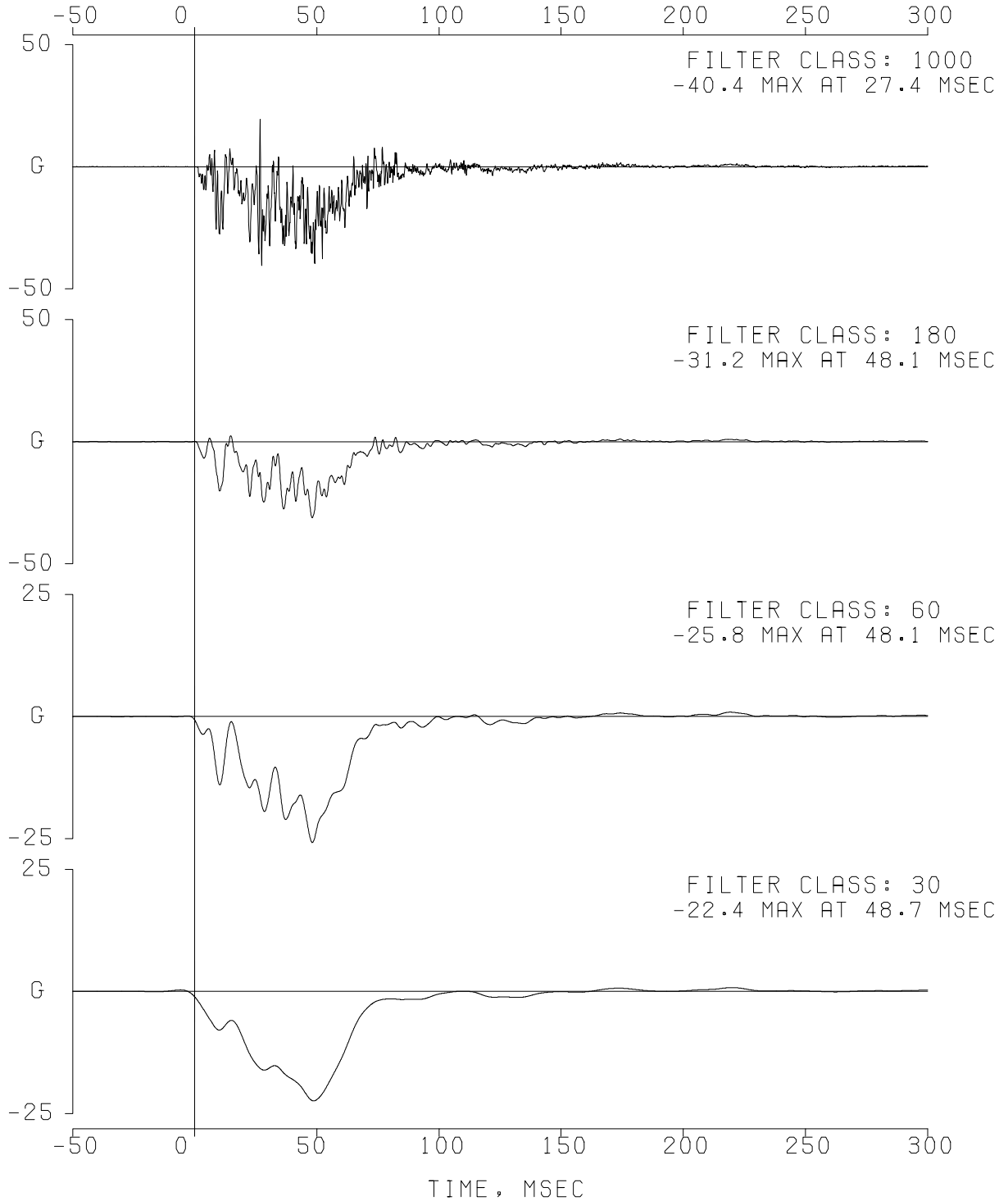
DATA SET 04/28/07BA  
ERRATA 1



COMPUTED KPH  
COMPUTED CM



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 004 RIGHT FRONT SILL X P21213  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
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MAY 1, 2007 ERRATA 1

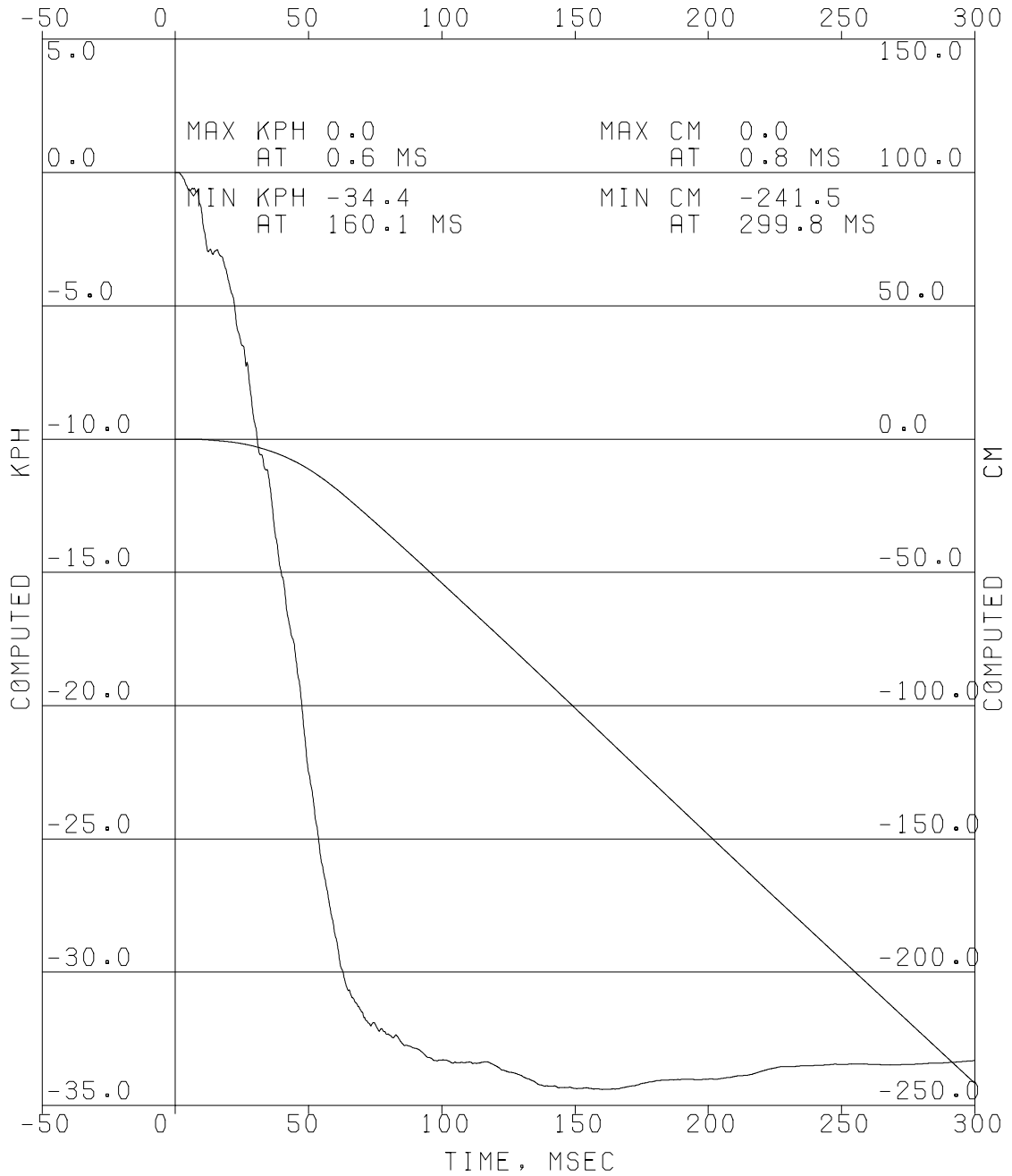


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 004 RIGHT FRONT SILL X P21213

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FILTER CLASS: 1000

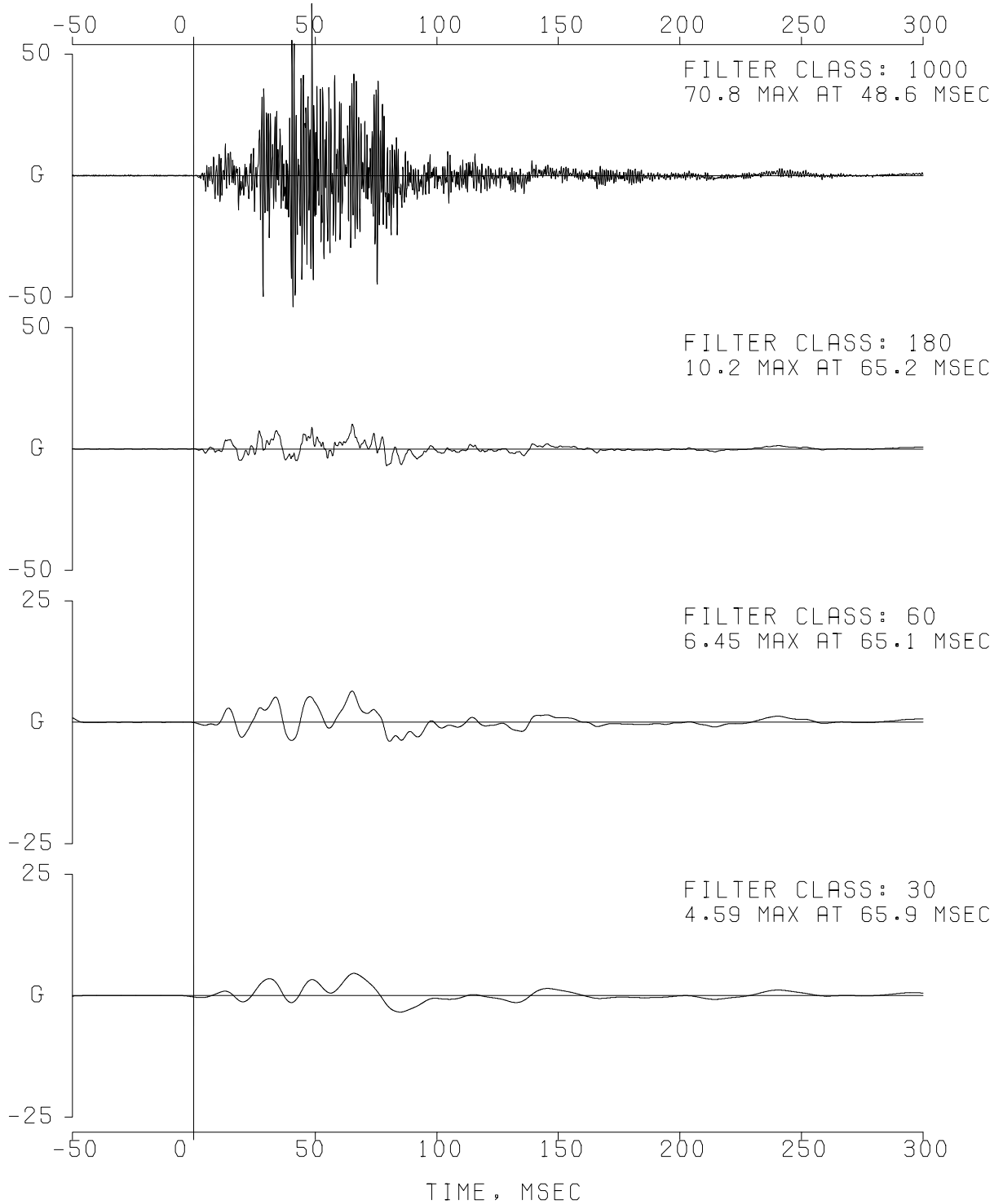
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MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

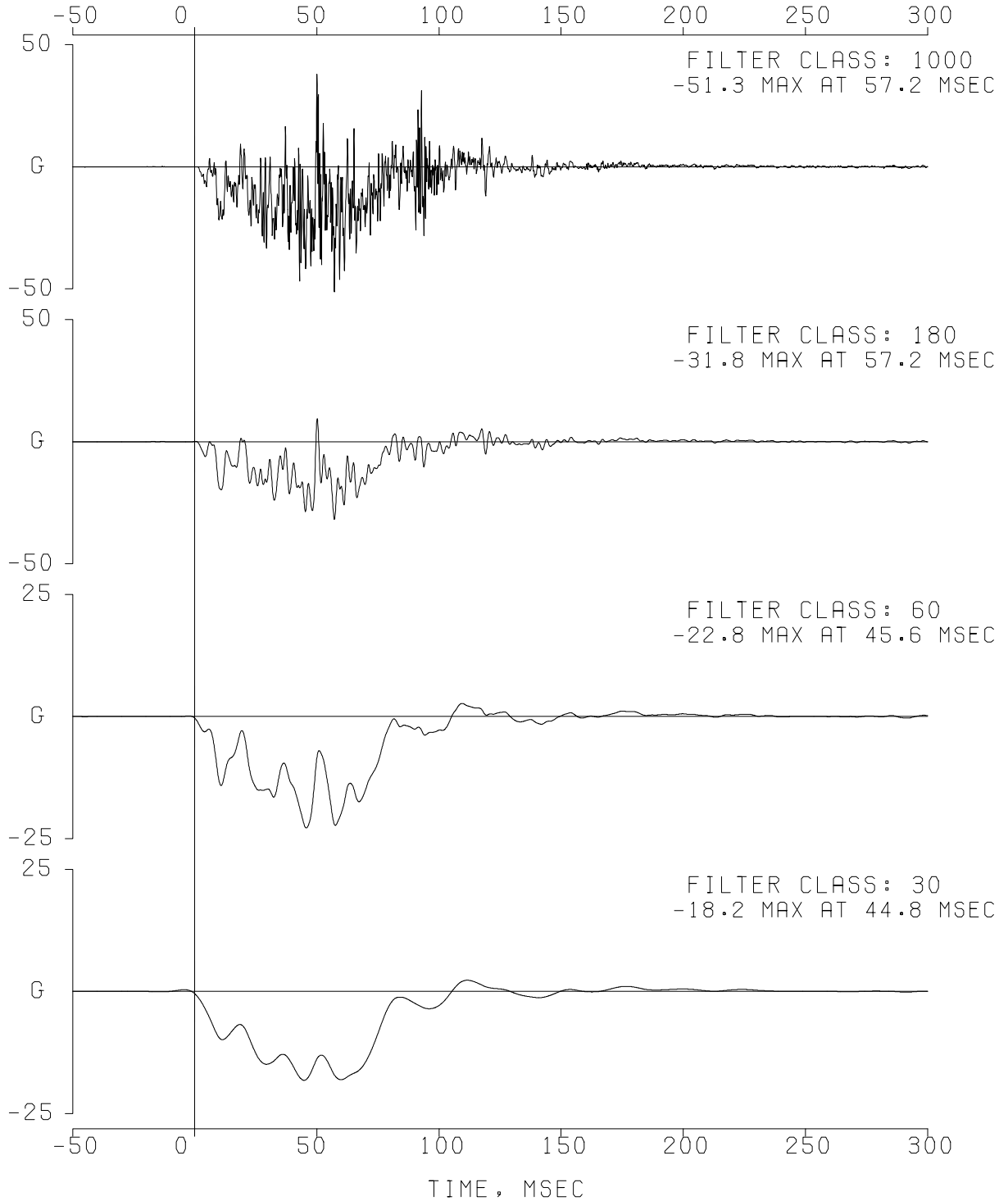


COMPUTED KPH  
COMPUTED CM

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CHANNEL 005 RIGHT FRONT SILL Z P16924  
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IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 006 AECM MODULE X MS11649  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1

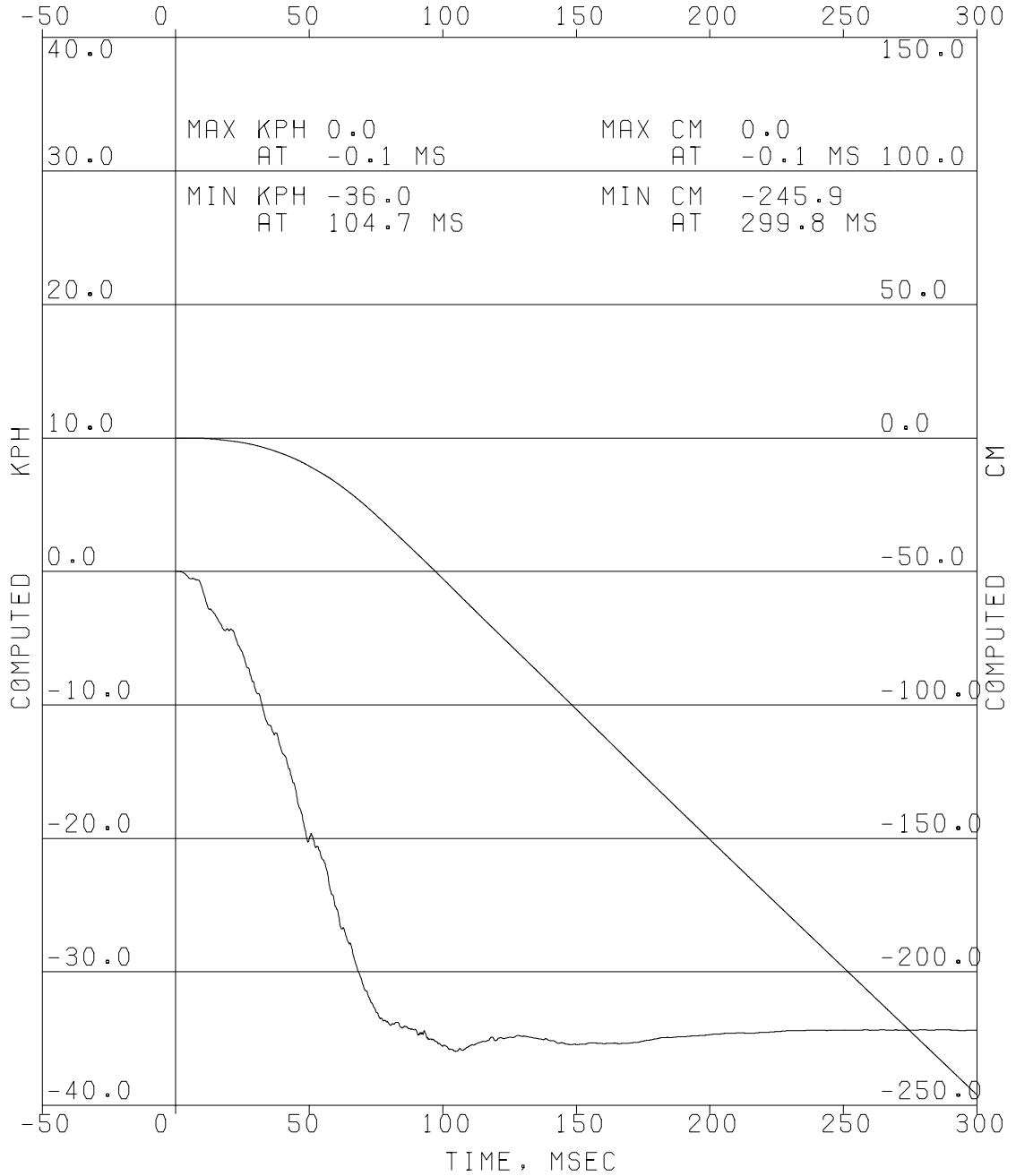


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 006 AECM MODULE X MS11649

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

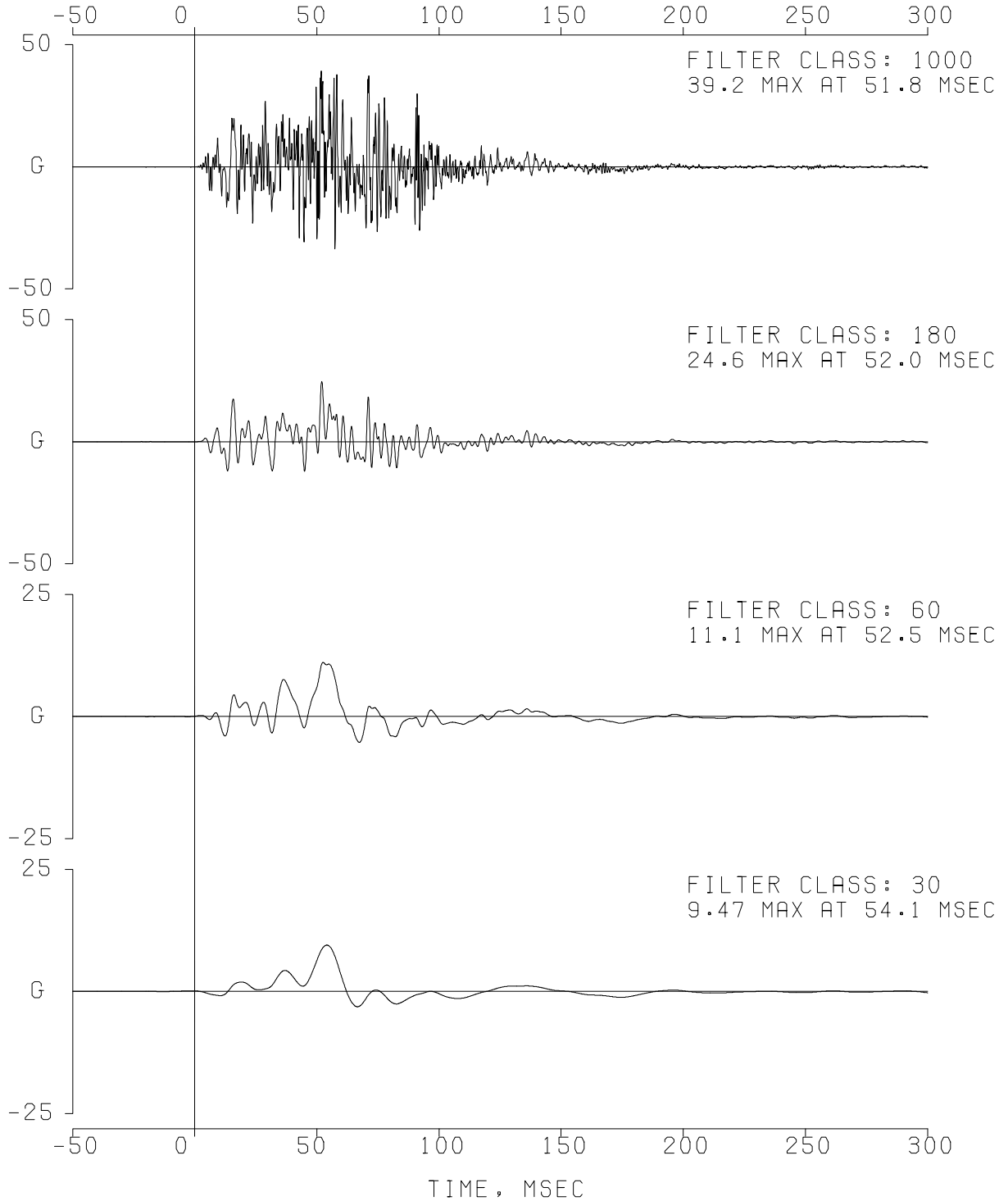
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

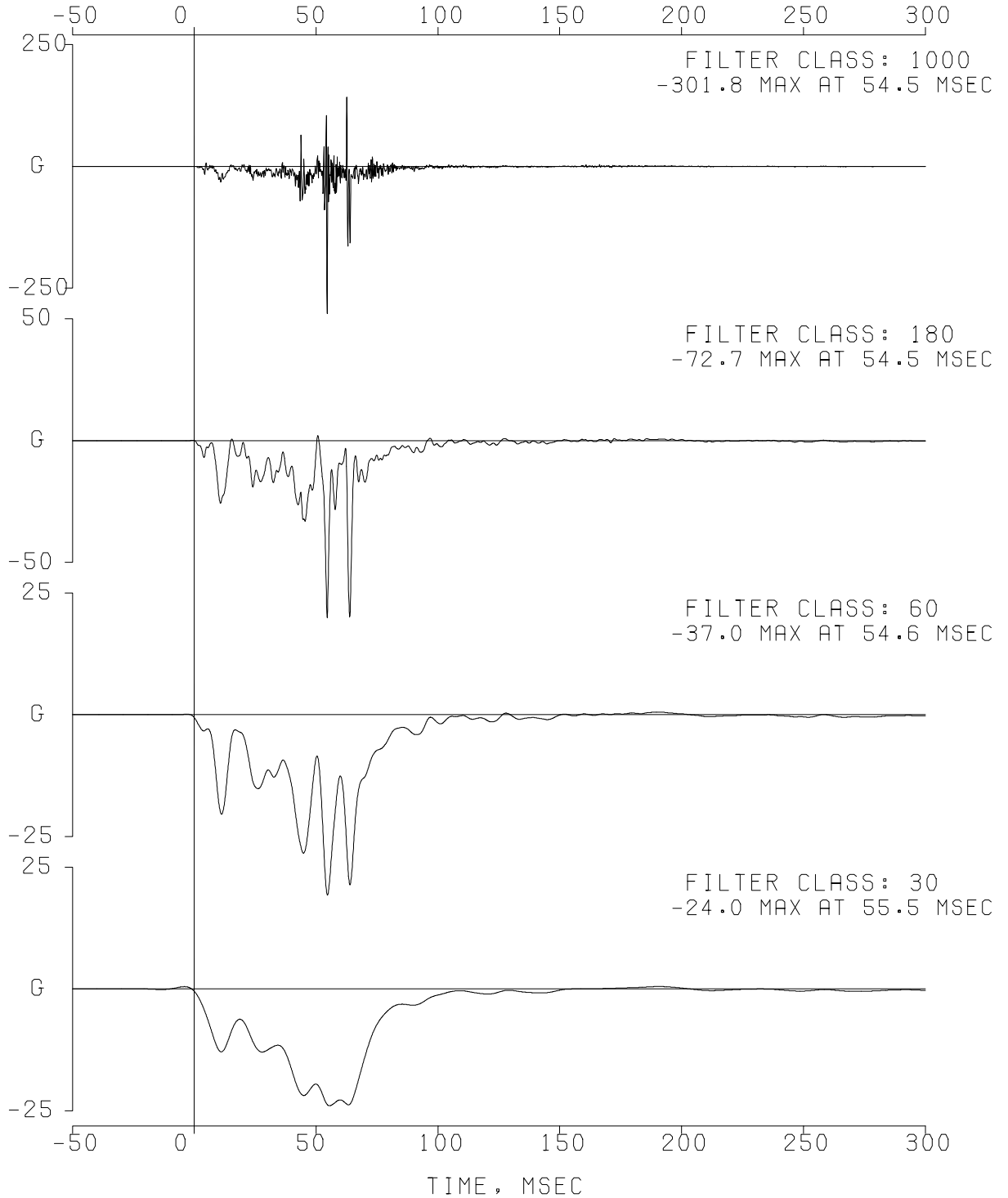


COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 007 AECM MODULE Y MS11885  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 008 LEFT REAR SILL X P22299  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1

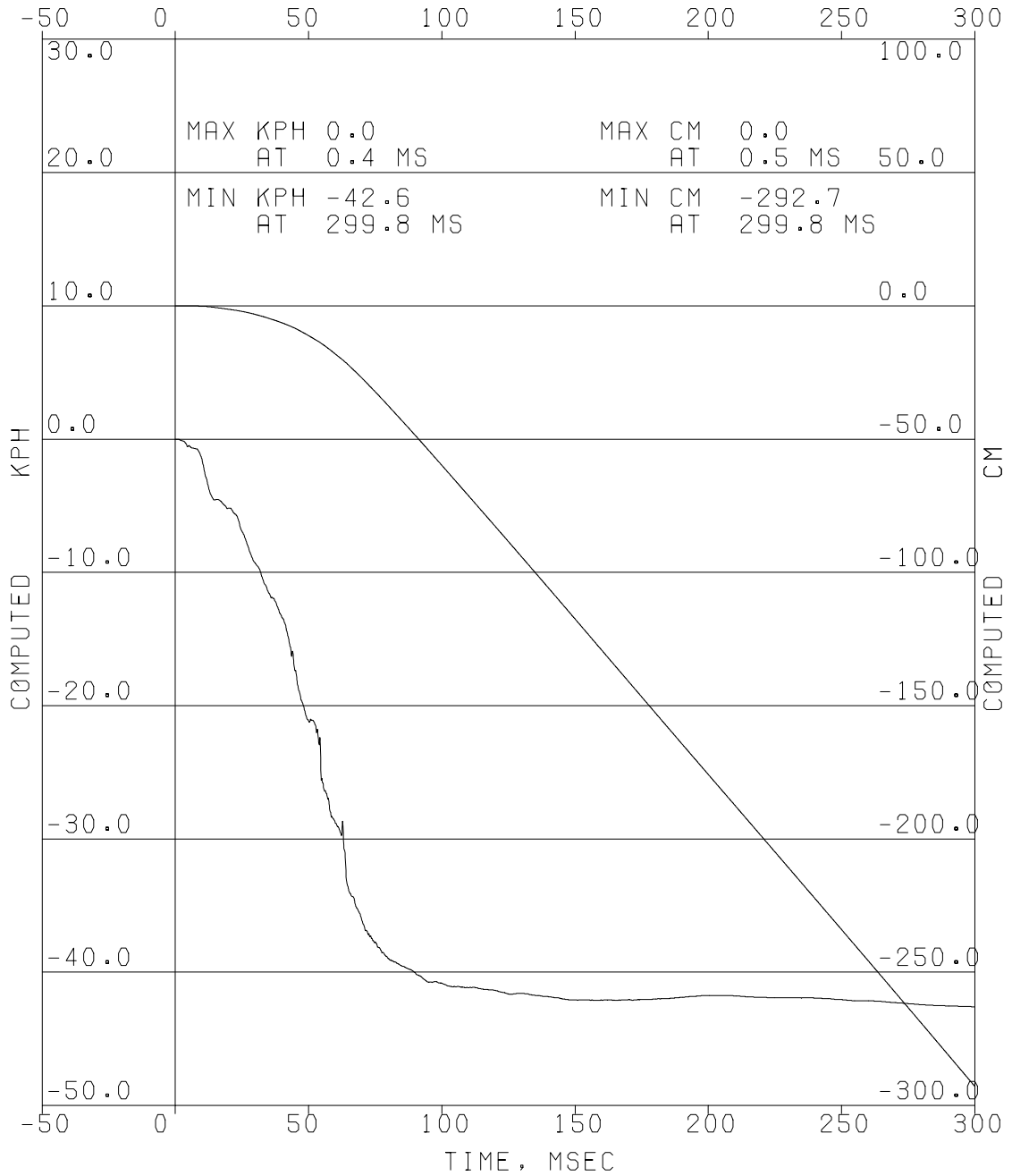


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
 08 KK, FMVSS 301 COMPLIANCE TEST  
 CHANNEL 008 LEFT REAR SILL X P22299

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

IMPACT ANALYSIS DEPT. 5320  
 MAY 1, 2007

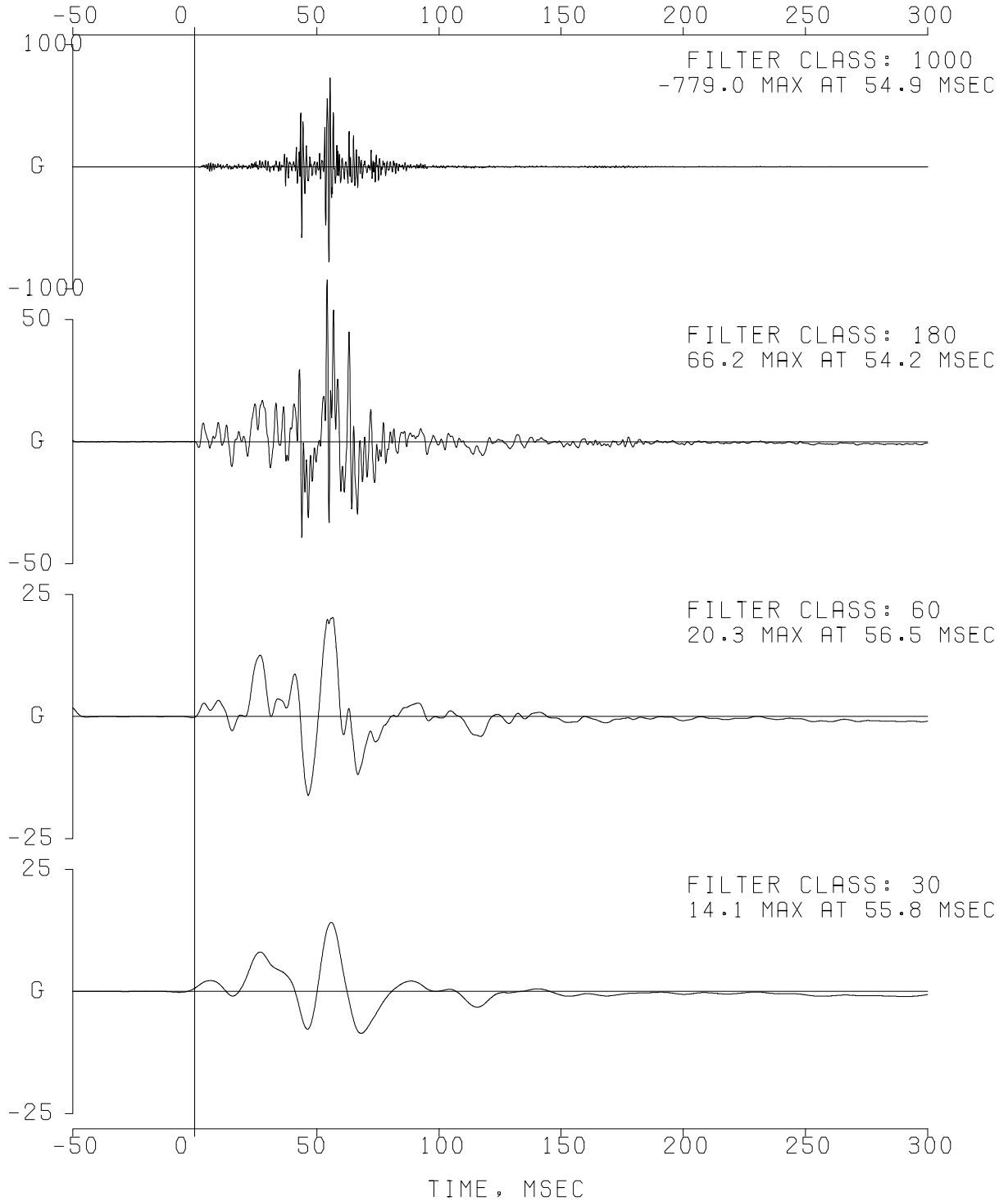
DATA SET 04/28/07BA  
 ERRATA 1



COMPUTED KPH  
 COMPUTED CM



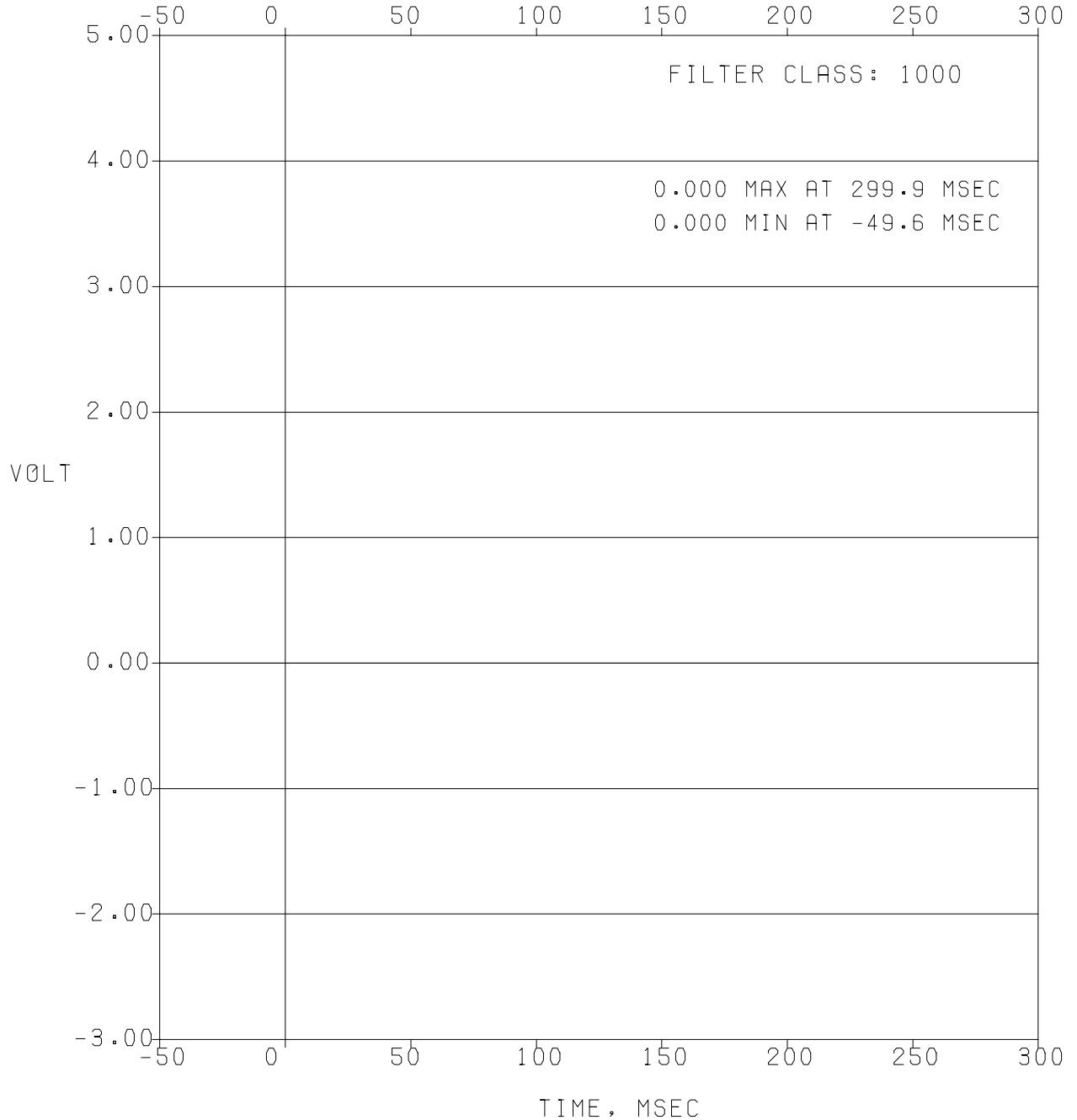
VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 009 LEFT REAR SILL Z MS11952  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST

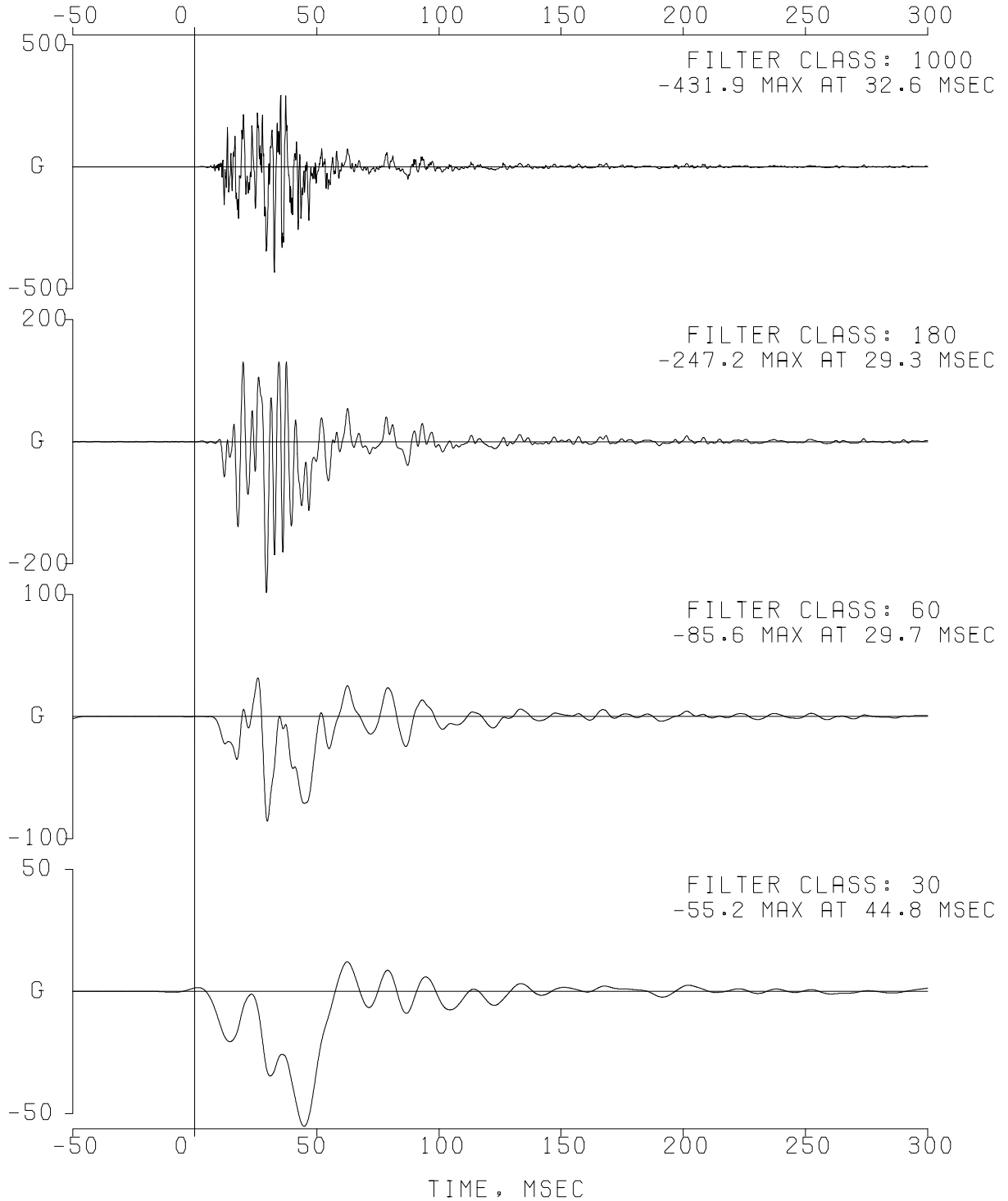
CHANNEL 010 SWING GATE DOOR EV EE

FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



\*\*\*\*\* NOTE \*\*\*\*\*  
\*\*\*\*\* NO EVENT \*\*\*\*\*

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 011 SWING GATE BLW HANDLE X ET21116  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 011 SWING GATE BLW HANDLE X ET21116

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

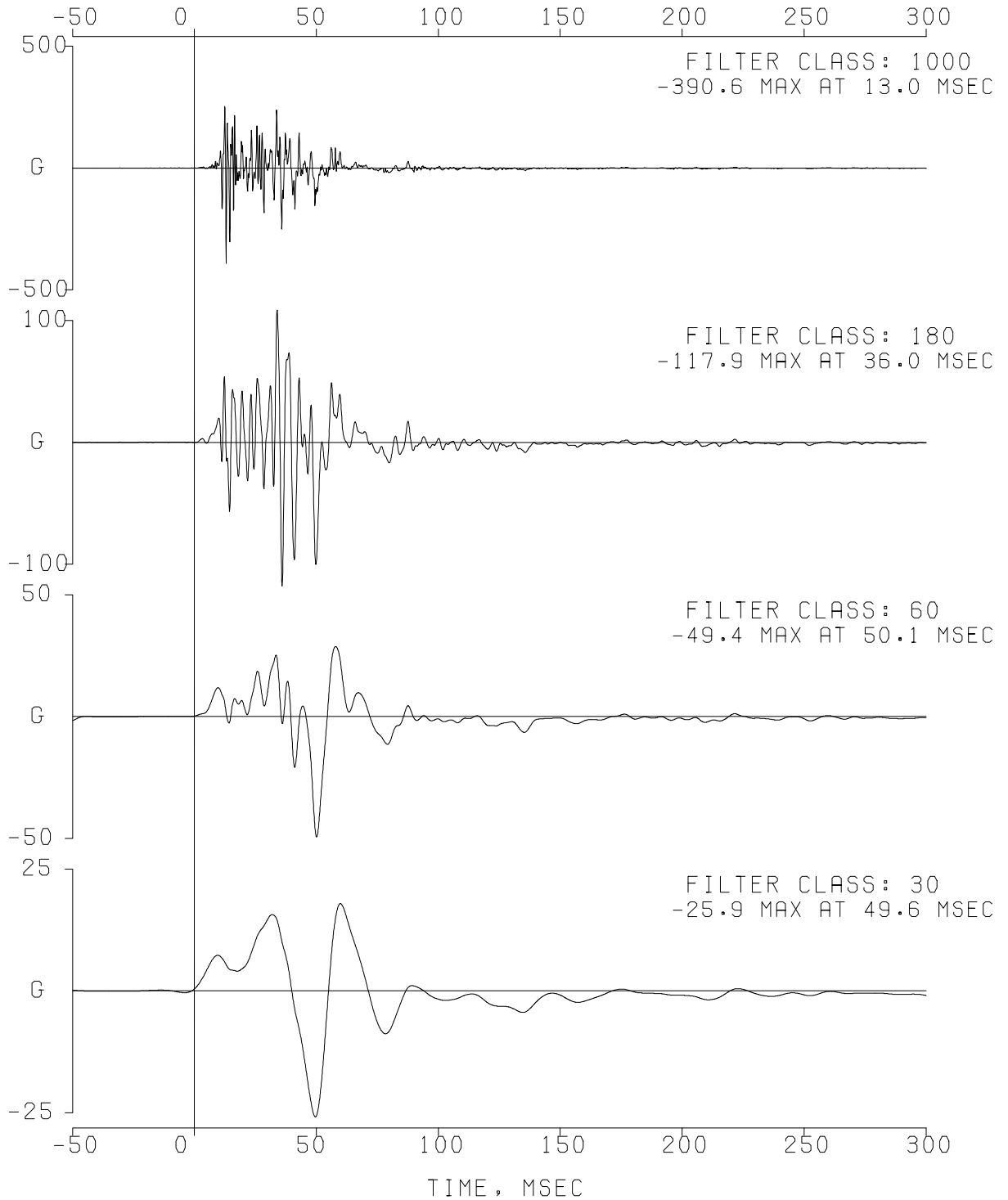
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

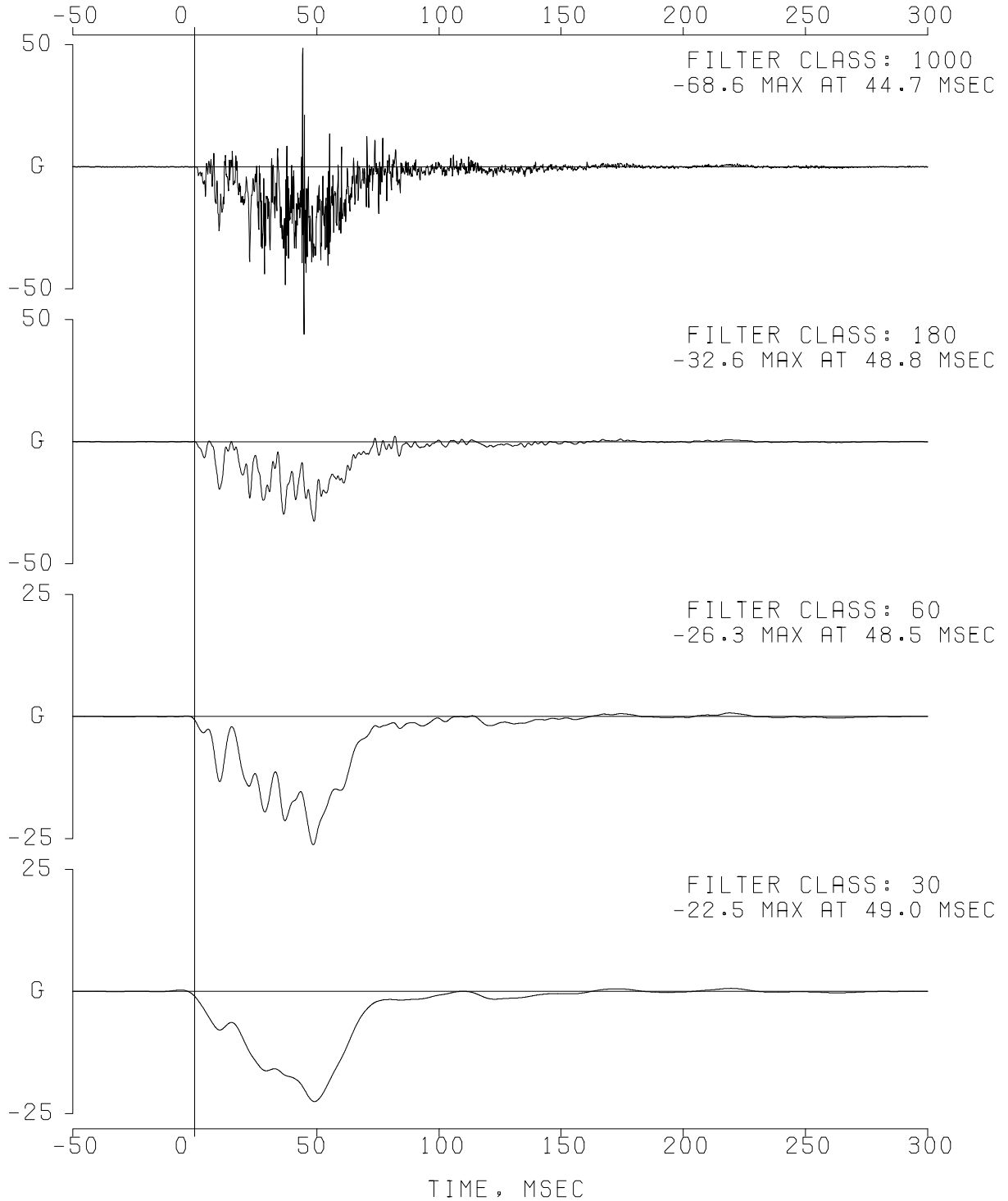


COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 012 SWING GATE BLW HANDLE Z ET21129  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 013 RIGHT REAR SILL X MS12231  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1

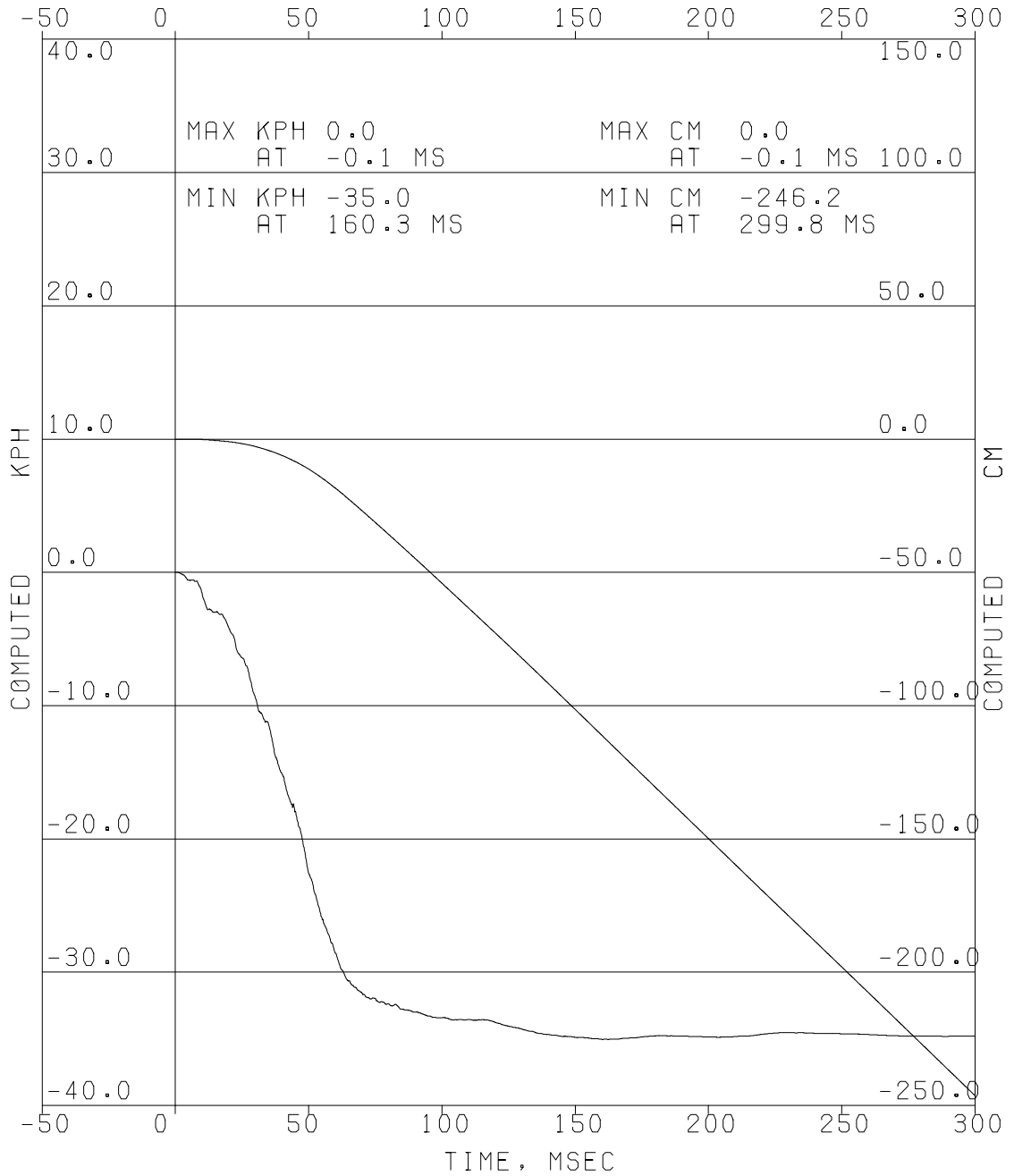


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 013 RIGHT REAR SILL X MS12231

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

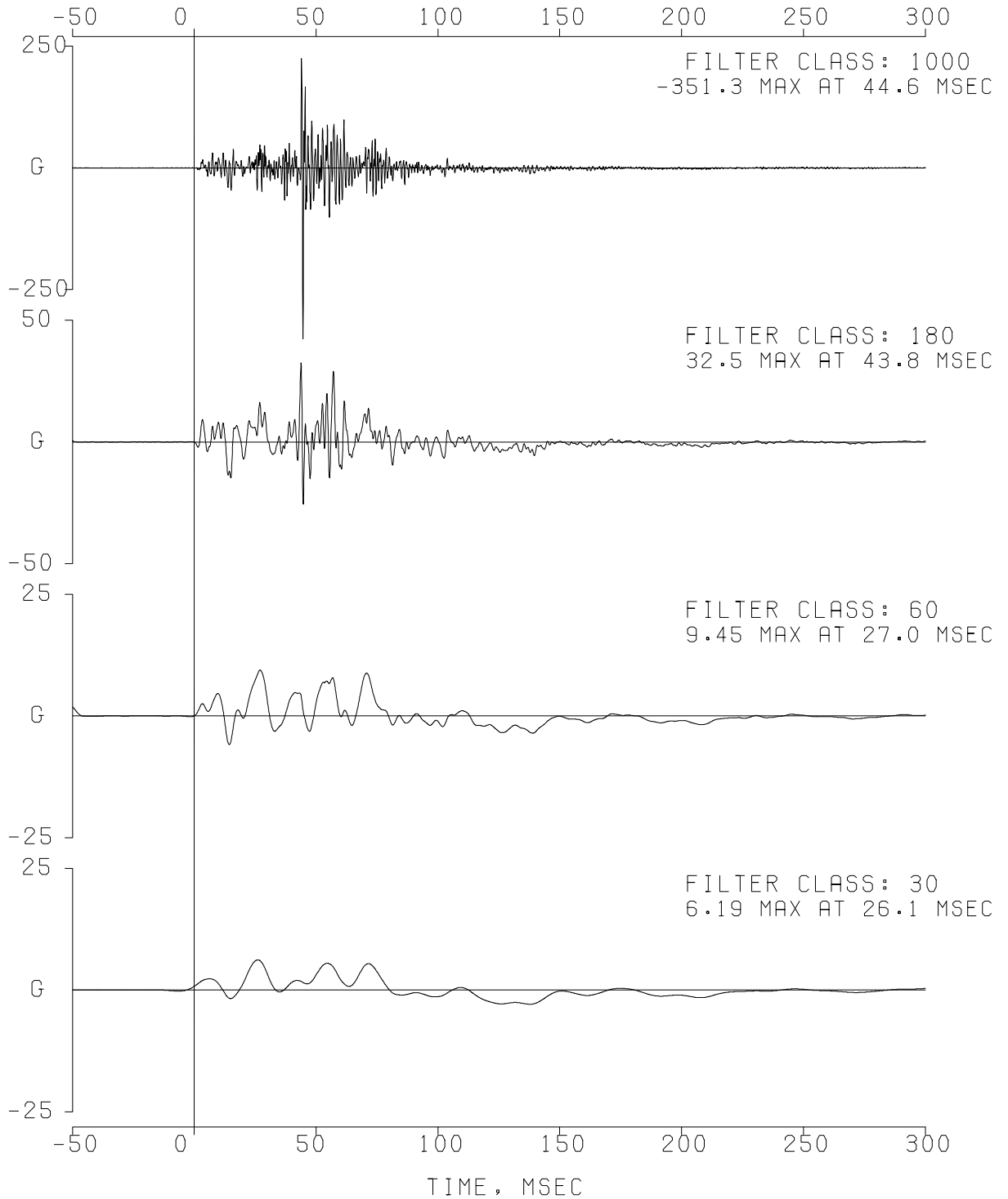
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1



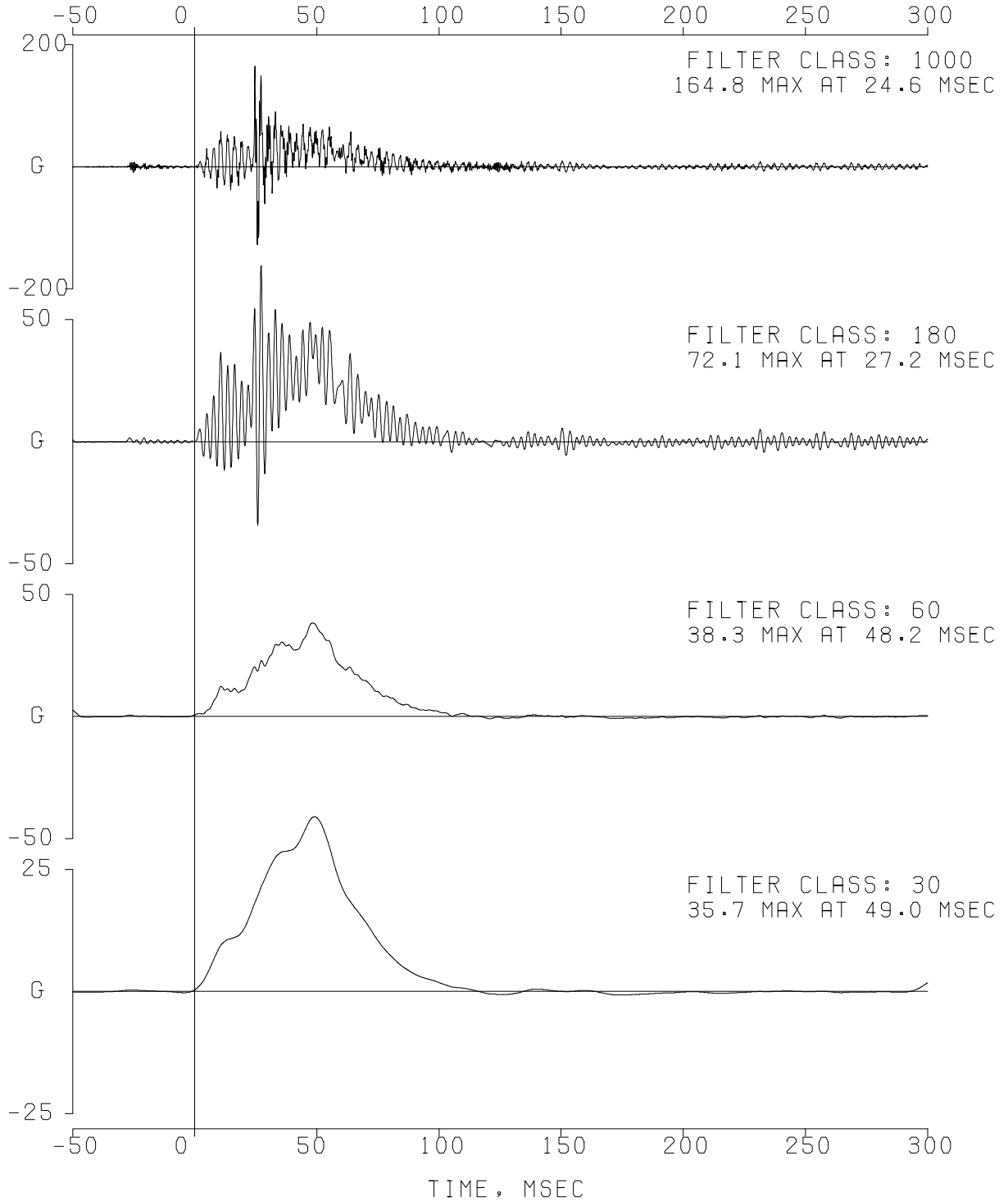
COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 014 RIGHT REAR SILL Z MS12259  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1





VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 015 M-ADJ FRONT XMBR X MS11599  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1

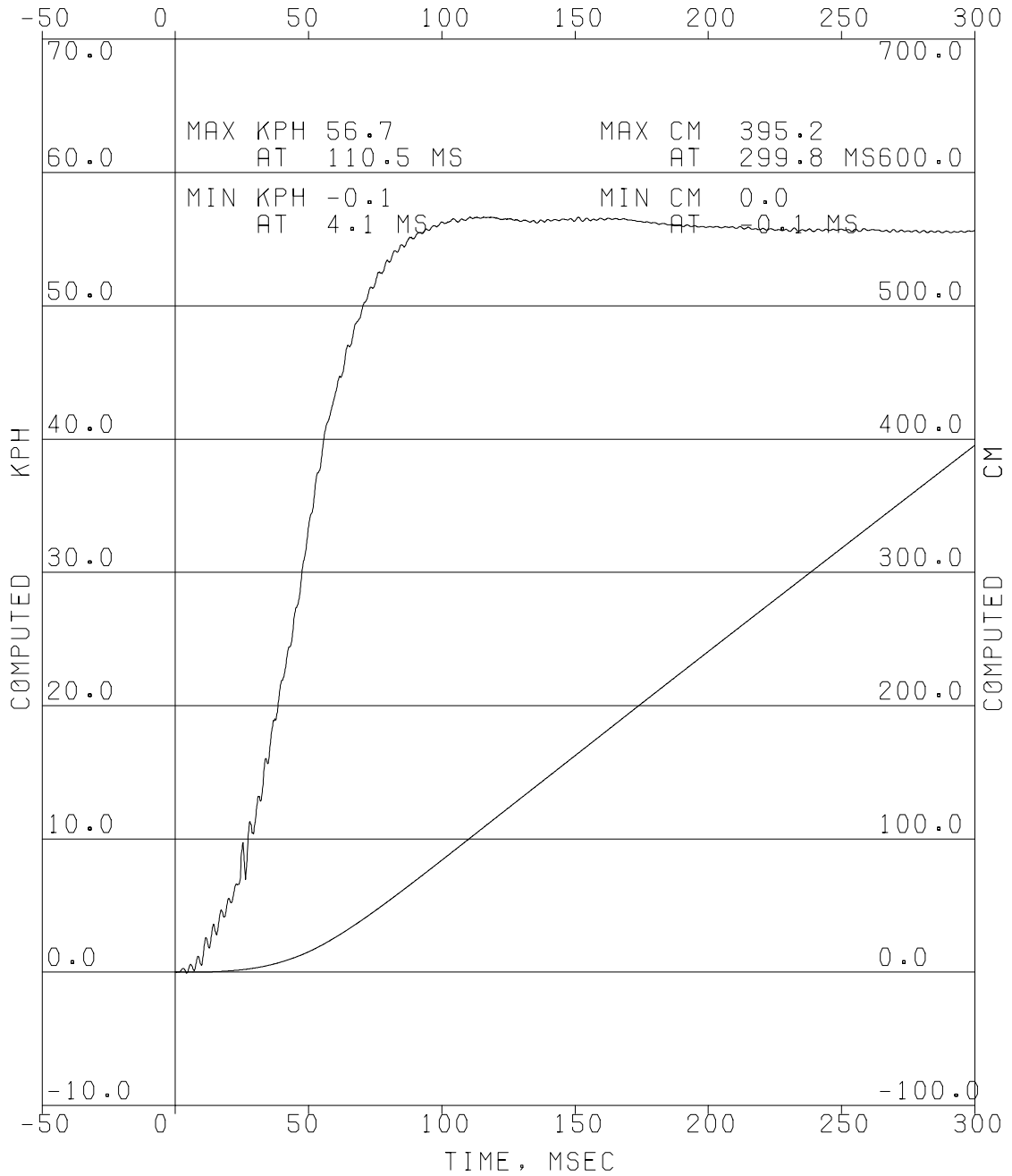


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 015 M-ADJ FRONT XMBR X MS11599

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

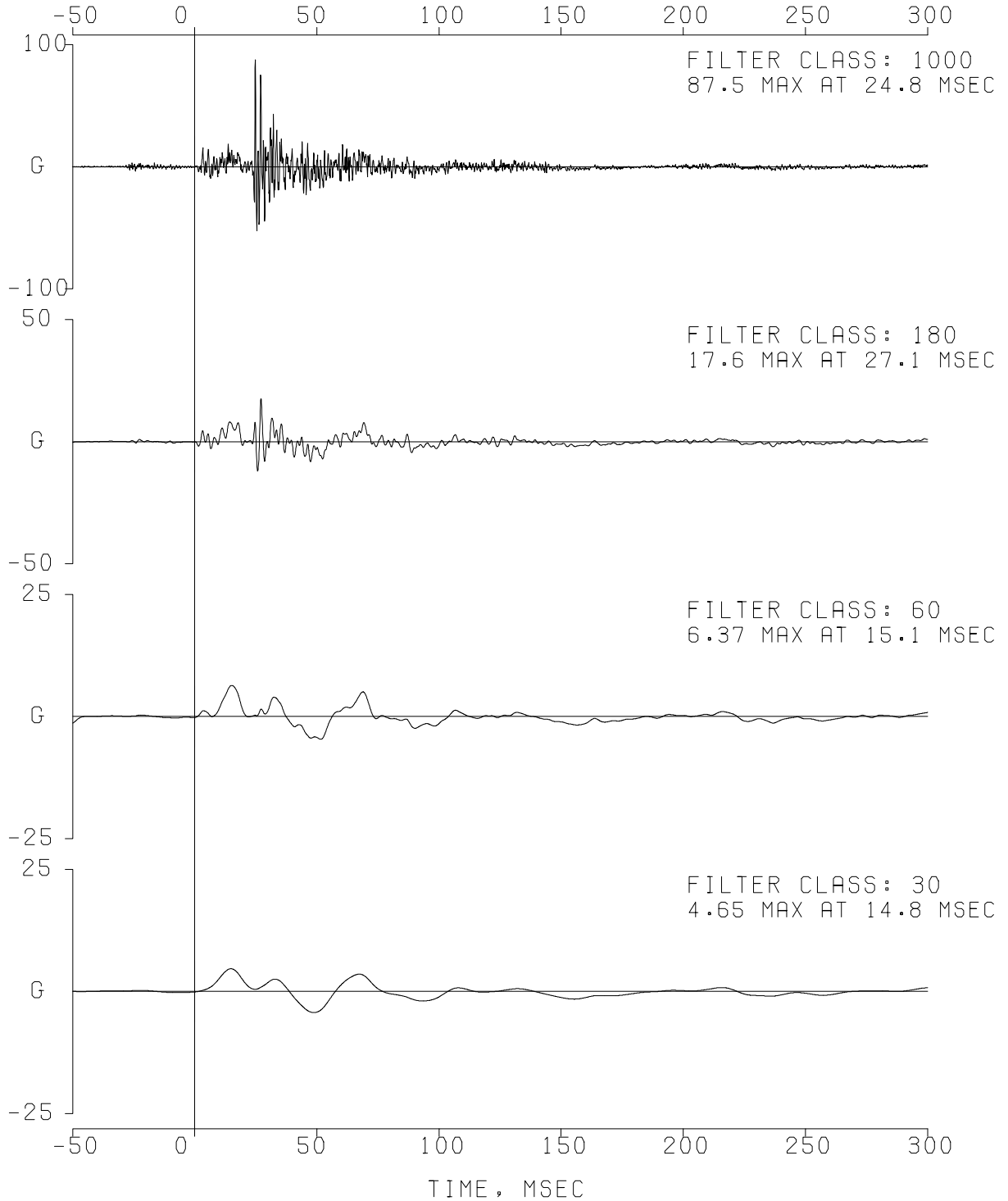
IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BA  
ERRATA 1

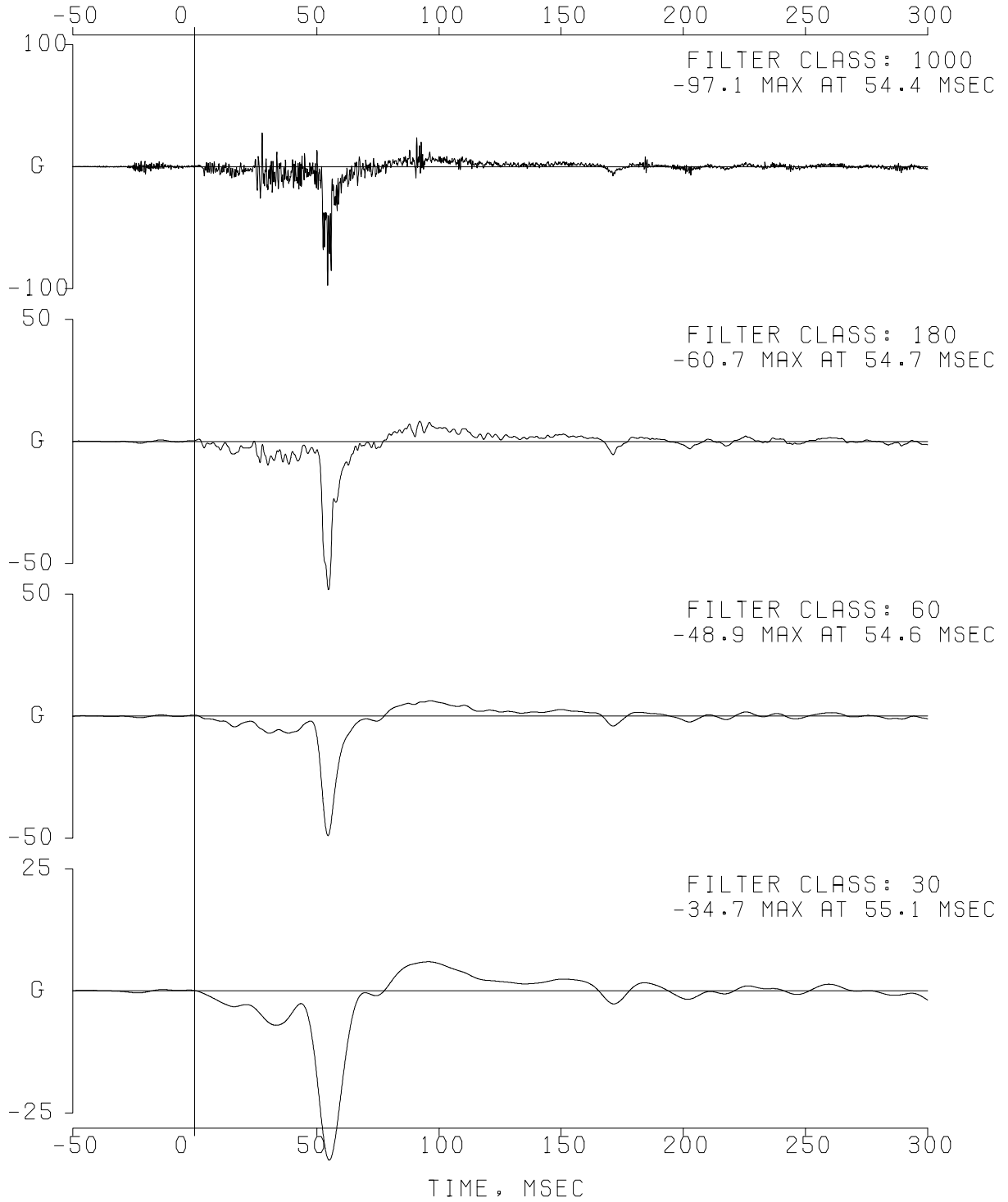


COMPUTED KPH  
COMPUTED CM

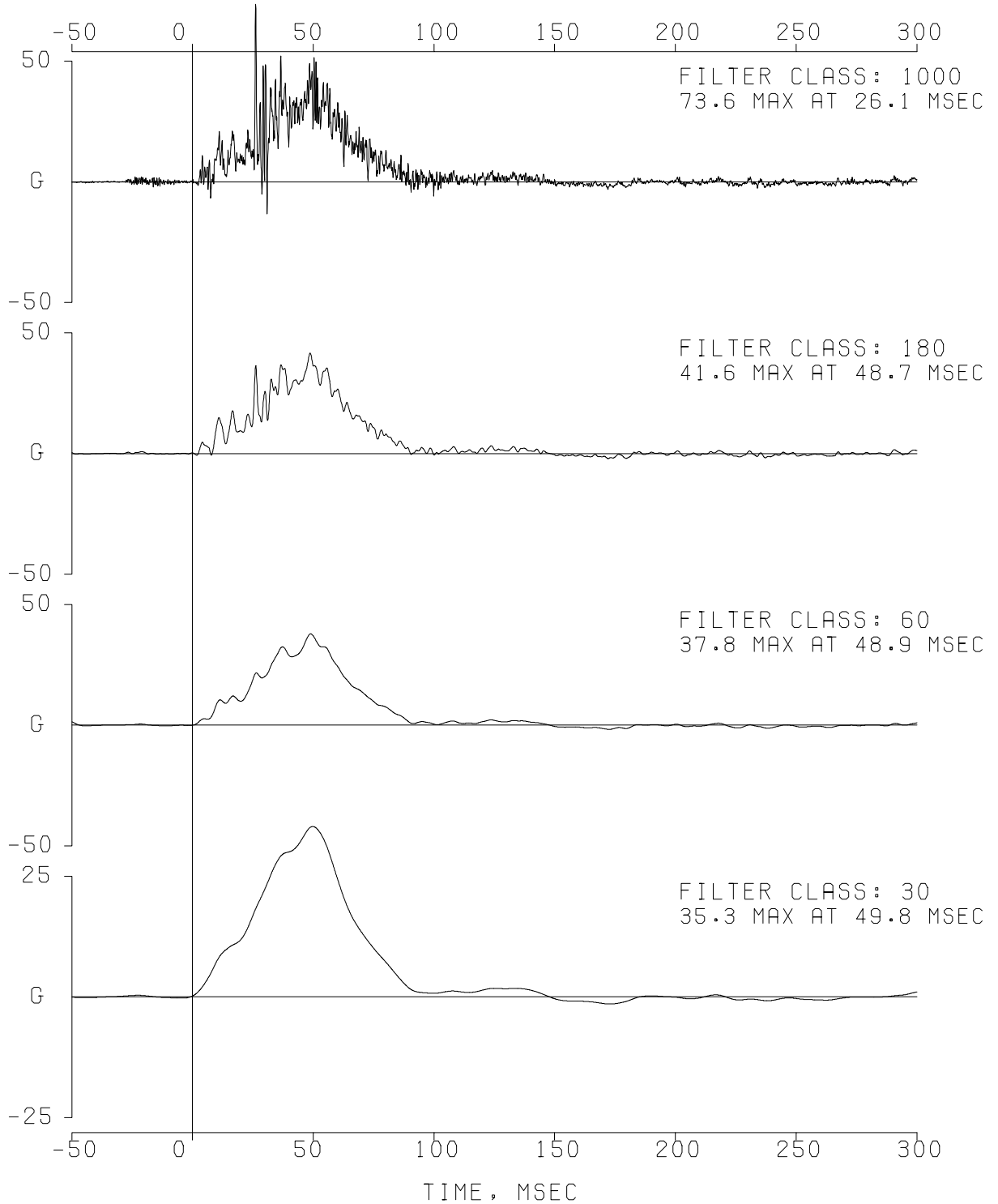
VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 016 M-ADJ FRONT XMBR Y MS11819  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BA  
MAY 1, 2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 017 M-ADJ REAR XMBR Y MS11595  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BB  
MAY 1,2007 ERRATA 1



VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 018 M-ADJ LT RAIL MID X MS11756  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BB  
MAY 1, 2007 ERRATA 1

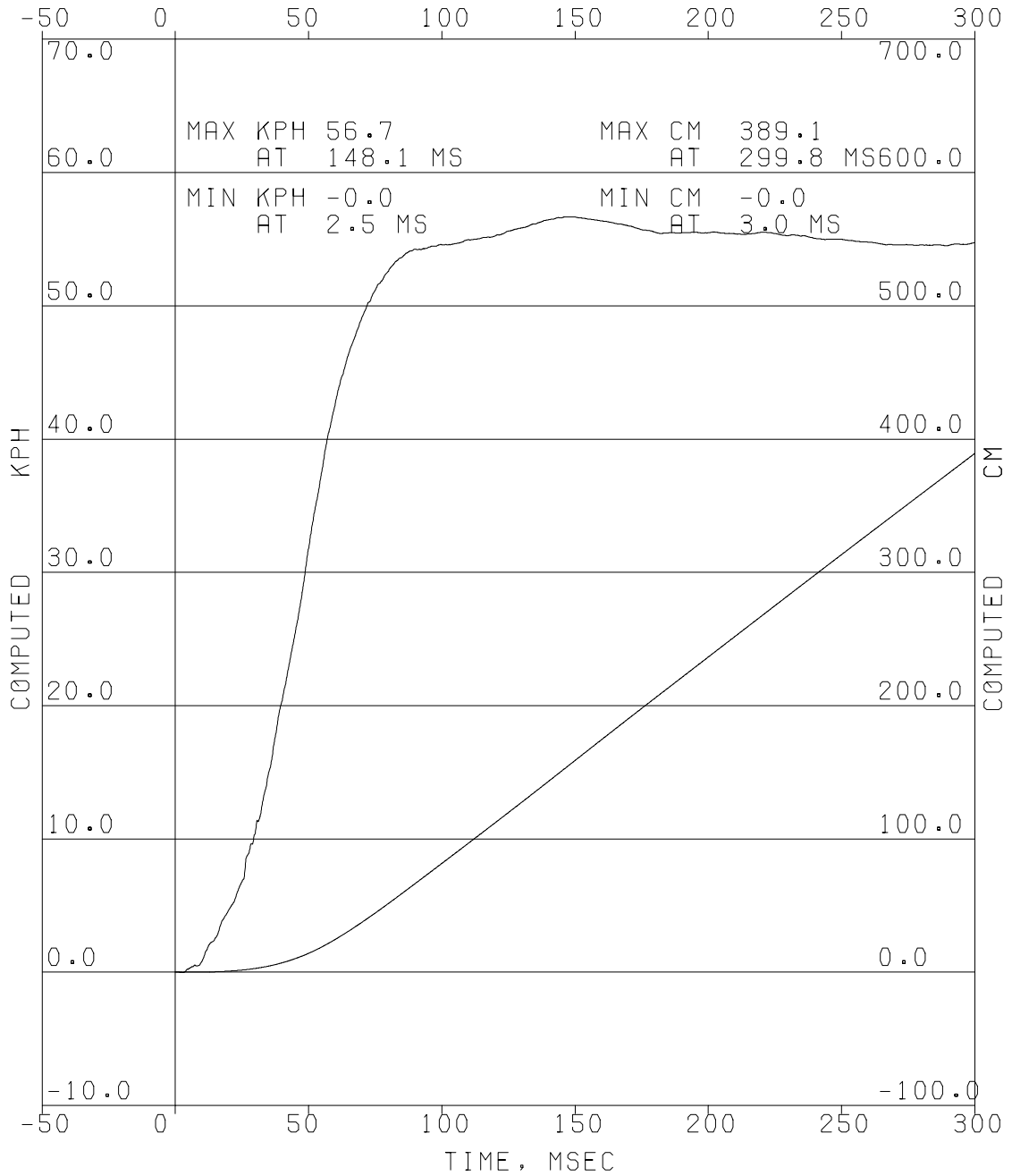


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FILTER CLASS: 1000

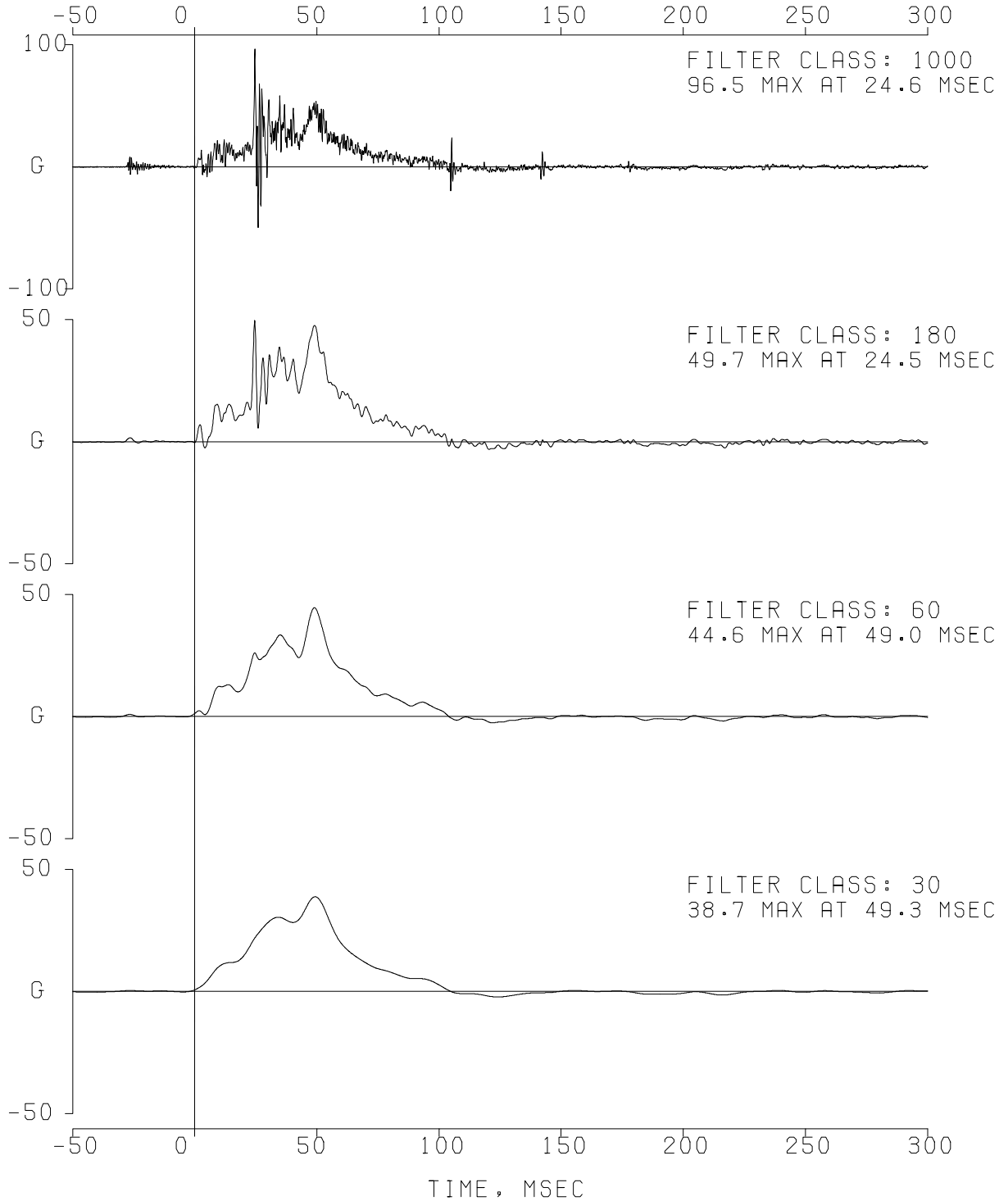
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MAY 1, 2007

DATA SET 04/28/07BB  
ERRATA 1



COMPUTED KPH  
COMPUTED CM

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 019 M-ADJ RT RAIL MID X MS11672  
FILTER TYPE: PHASELESS, DCX FFT 10K 4 POLE BUTTERWORTH, ( 1650.0)  
IMPACT ANALYSIS DEPT. 5320 DATA SET 04/28/07BB  
MAY 1,2007 ERRATA 1

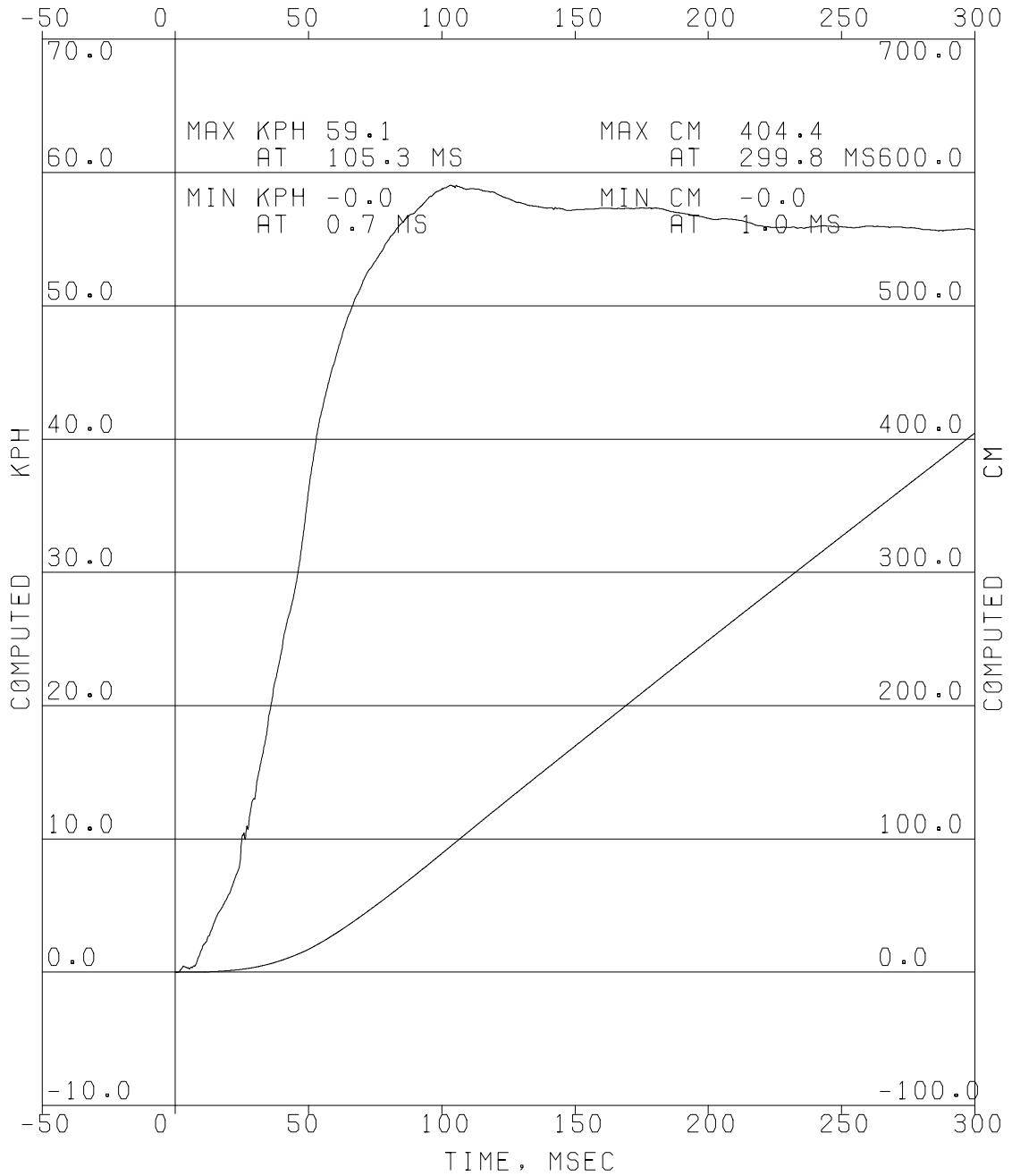


VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
CHANNEL 019 M-ADJ RT RAIL MID X MS11672

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

IMPACT ANALYSIS DEPT. 5320  
MAY 1, 2007

DATA SET 04/28/07BB  
ERRATA 1



COMPUTED KPH  
COMPUTED CM



TITLE: Page Index of EDP plots Pages 001 - 035  
\*\*\*\*\* VC14515A \*\*\*\*\* Page I-01

TITLE: Transducer Summary Reports Pages 001 - 003  
SYSTEM: METRIC  
PAGE: 001 TSR Channels 001 - 008  
PAGE: 002 TSR Channels 009 - 016  
PAGE: 003 TSR Channels 017 - 019

\*\*\*\*\* VC14515B \*\*\*\*\*

TITLE: Vehicle Channels Pages 004 - 035  
SYSTEM: METRIC  
PAGE: 004 Average of Sill Chls 0, 4, & 8  
PAGE: 005 Average of Rear Sill Chls 8 & 13  
PAGE: 006 FUEL TANK REAR ACCEL X, Chl 1  
PAGE: 007 FUEL TANK REAR ACCEL X, Chl 1, VD  
PAGE: 008 SENSOR LT FRT C/ZONE X, Chl 2  
PAGE: 009 SENSOR LT FRT C/ZONE X, Chl 2, VD  
PAGE: 010 SENSOR RT FRT C/ZONE X, Chl 3  
PAGE: 011 SENSOR RT FRT C/ZONE X, Chl 3, VD  
PAGE: 012 RIGHT FRONT SILL X, Chl 4  
PAGE: 013 RIGHT FRONT SILL X, Chl 4, VD  
PAGE: 014 RIGHT FRONT SILL Z, Chl 5  
PAGE: 015 AECM MODULE X, Chl 6  
PAGE: 016 AECM MODULE X, Chl 6, VD  
PAGE: 017 AECM MODULE Y, Chl 7  
PAGE: 018 LEFT REAR SILL X, Chl 8  
PAGE: 019 LEFT REAR SILL X, Chl 8, VD  
PAGE: 020 LEFT REAR SILL Z, Chl 9  
PAGE: 021 SWING GATE DOOR EV, Chl 10, Event \*N\*  
PAGE: 022 SWING GATE BLW HANDLE X, Chl 11  
PAGE: 023 SWING GATE BLW HANDLE X, Chl 11, VD  
PAGE: 024 SWING GATE BLW HANDLE Z, Chl 12  
PAGE: 025 RIGHT REAR SILL X, Chl 13  
PAGE: 026 RIGHT REAR SILL X, Chl 13, VD  
PAGE: 027 RIGHT REAR SILL Z, Chl 14  
PAGE: 028 M-ADJ FRONT XMBR X, Chl 15  
PAGE: 029 M-ADJ FRONT XMBR X, Chl 15, VD  
PAGE: 030 M-ADJ FRONT XMBR Y, Chl 16  
PAGE: 031 M-ADJ REAR XMBR Y, Chl 17  
PAGE: 032 M-ADJ LT RAIL MID X, Chl 18  
PAGE: 033 M-ADJ LT RAIL MID X, Chl 18, VD  
PAGE: 034 M-ADJ RT RAIL MID X, Chl 19  
PAGE: 035 M-ADJ RT RAIL MID X, Chl 19, VD

VEHICLE CRASH ENGINEERING  
VEHICLE CRASH TEST LETTER

PAGE 01

VC14515 80.47 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
TEST DATE 04/28/07  
TEST SITE CPG

TEST PURPOSE PRIMARY, 2008 FMVSS 301 COMPLIANCE

IMPACT TYPE TARGET SPEED; 80.47 KPH  
DAMAGE LOCATION; REAR LEFT  
BARRIER TYPE; REAR TYPE V ADJUSTABLE  
BARRIER SURFACE; PLASCORE

VEHICLE BODY CLASS; KK  
CAR LINE; NONE  
BODY; 74  
ENGINE; EKG  
ENGINE NOTE;  
TRANSMISSION; DGV  
TRANS. NOTE;  
VIN AS TESTED;  
VIN AS BUILT; 1J8GN58K38W [REDACTED]

TEST SPEED 81.80000 KPH BY TRAP AVERAGE AVERAGE  
TEST WEIGHT(KG) 2228.53 TOTAL, 1178.90 FRONT, 1049.63 REAR,

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

BUILD CONDITION ORIGINAL BUILD:  
2008 KK S1 A  
MODIFIED BUILD:  
REPLACE ORC WITH BUFFERED ORC, FLASHED WITH 08 KK  
PRODUCTION CALIBRATION.  
MODIFIED EMD BUILD:  
CONFIRM BODY DAMPER IS APPROPRIATE FOR THE VEHICLE  
CONFIG.WET FUELS PREPARATION (PURGE, PRESSURE CHE  
CK, 3 GALLON STODDARD FILL).

TARGET WEIGHT(KG) 2227.15 TOTAL, 0.00 FRONT, 0.00 REAR  
INCLUDING BALLAST AND OCCUPANTS

VC14515 80.47 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
TEST DATE 04/28/07  
TEST SITE CPG  
FUEL AND BALLAST 70.0 LITRES STODDARD SOLVENT  
50# OF BALLAST ON FRONT FLOORPANS.  
KG ADDITIONAL BALLAST WEIGHTS  
136.10 KG BALLAST WEIGHT SECURED IN CARGO AREA

POST TEST REMARKS POST-TEST MEASUREMENTS REQ :

POST-TEST TEST COMMENTS :

REPORT CODES A = TRANSDUCER DATA B = ALL FILM DATA

DISTRIBUTION M. STEBELTON 422-05-01 (AB)  
N. BRZUCH 483-02-17 (AB)

DATE 08/05/08 TIME 09:50:18.

VC14515



EA12-005 Peer - Chrysler - 13126

VC14515



EA12-005 Peer - Chrysler - 13127



EA12-005 Peer - Chrysler - 13128

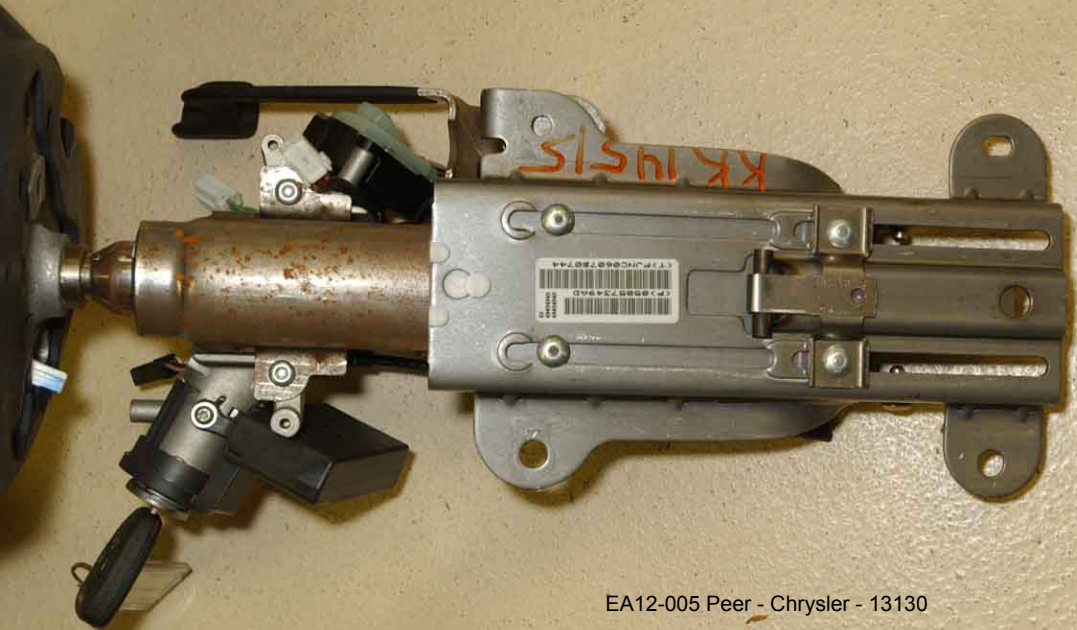
**VC14515**



EA12-005 Peer - Chrysler - 13129

**VC14515**

VC14515



EA12-005 Peer - Chrysler - 13130



MID  
TRAVEL

EA12-005 Peer - Chrysler - 13131

**VC14515**

VC14515



EA12-005 Peer - Chrysler - 13132

**VC14515**

710

~~710~~

EA12-005 Peer - Chrysler - 13133



EA12-005 Peer - Chrysler - 13134

**VC14515**

**VC14515**



EA12-005 Peer - Chrysler 13135

VC14515



EA12-005 Peer - Chrysler - 13136



EA12-005 Peer - Chrysler - 13137

VC14515

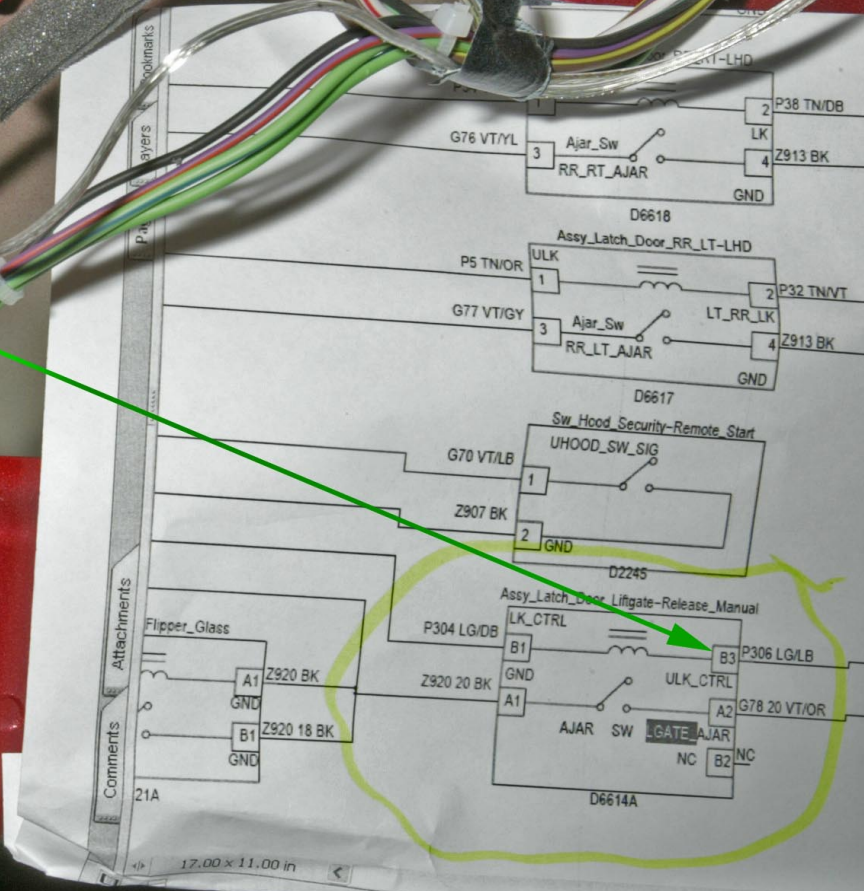
VC14515



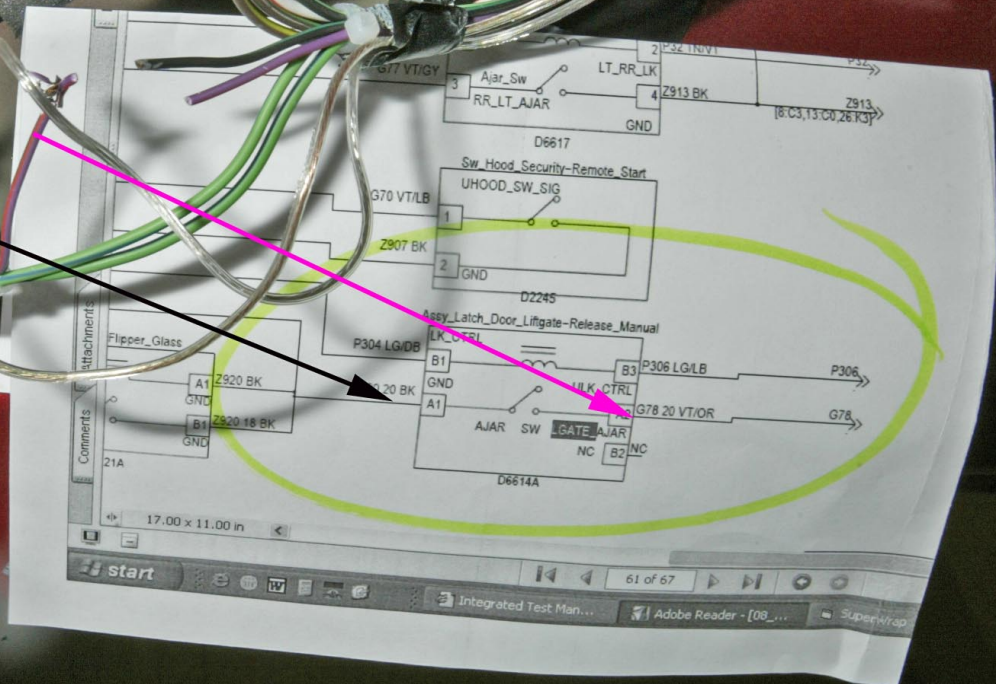
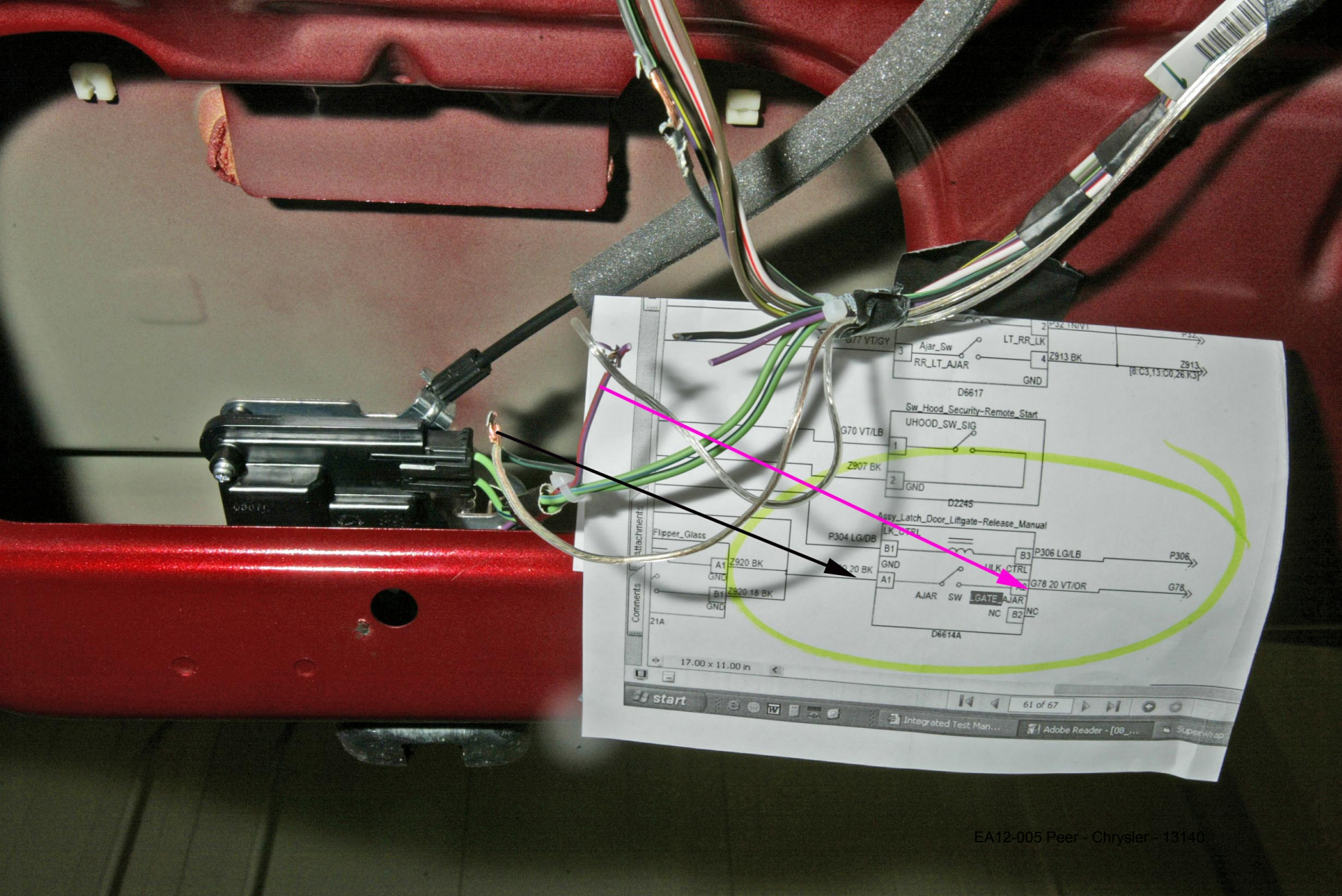
EA12-005 Peer - Chrysler - 13138



Ground



System Power Required





VC14515 Post

EA12-005 Peer - Chrysler - 13141





EA12-005 Peer - Chrysler - 13143

**VC14515 Post**

VC 14515



Purged & Pressure Checked  
Has Been Added

ent Lab



VC14515

**VC14515 Post**

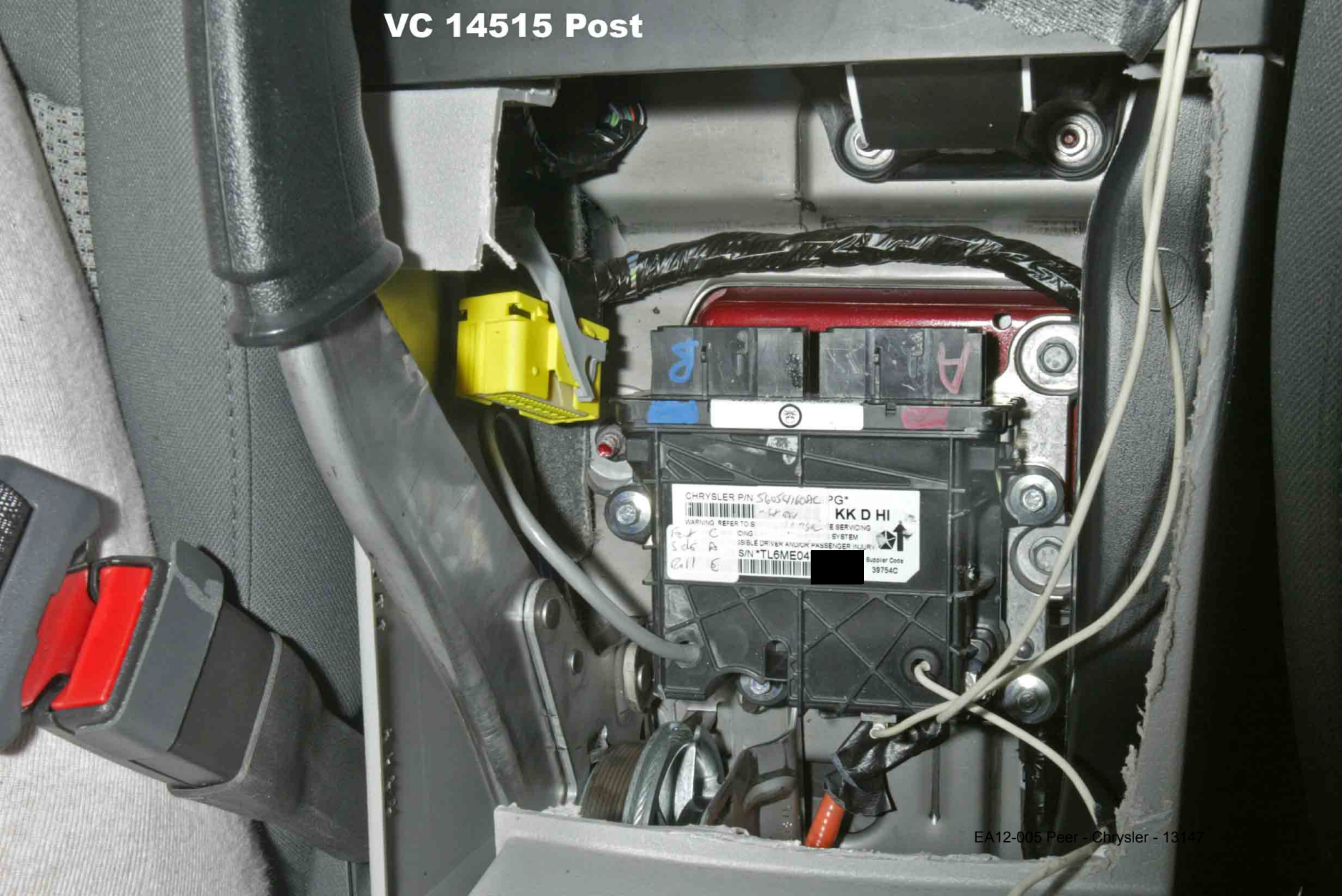


EA12-005 Peer - Chrysler - 13146

**VC14515 Post**



# VC 14515 Post



CHRYSLER PIN 56054160AC PG\*  
MARKING REFERS TO  
Sols A  
Call E

KK D HI  
SERVING  
SYSTEM  
↑

SIN \*TL6ME04  
Supplier Code  
39754C



DO NOT  
OPEN

EA12-005 Peer - Chrysler - 13148

**VC 14515 Post**



EA12-005 Peer - Chrysler - 13149

**VC 14515 Post**



VC 14515 Post

EA12-005 Peer - Chrysler - 13150



EA12-005 Peer - Chrysler - 13151

**VC 14515 Post**



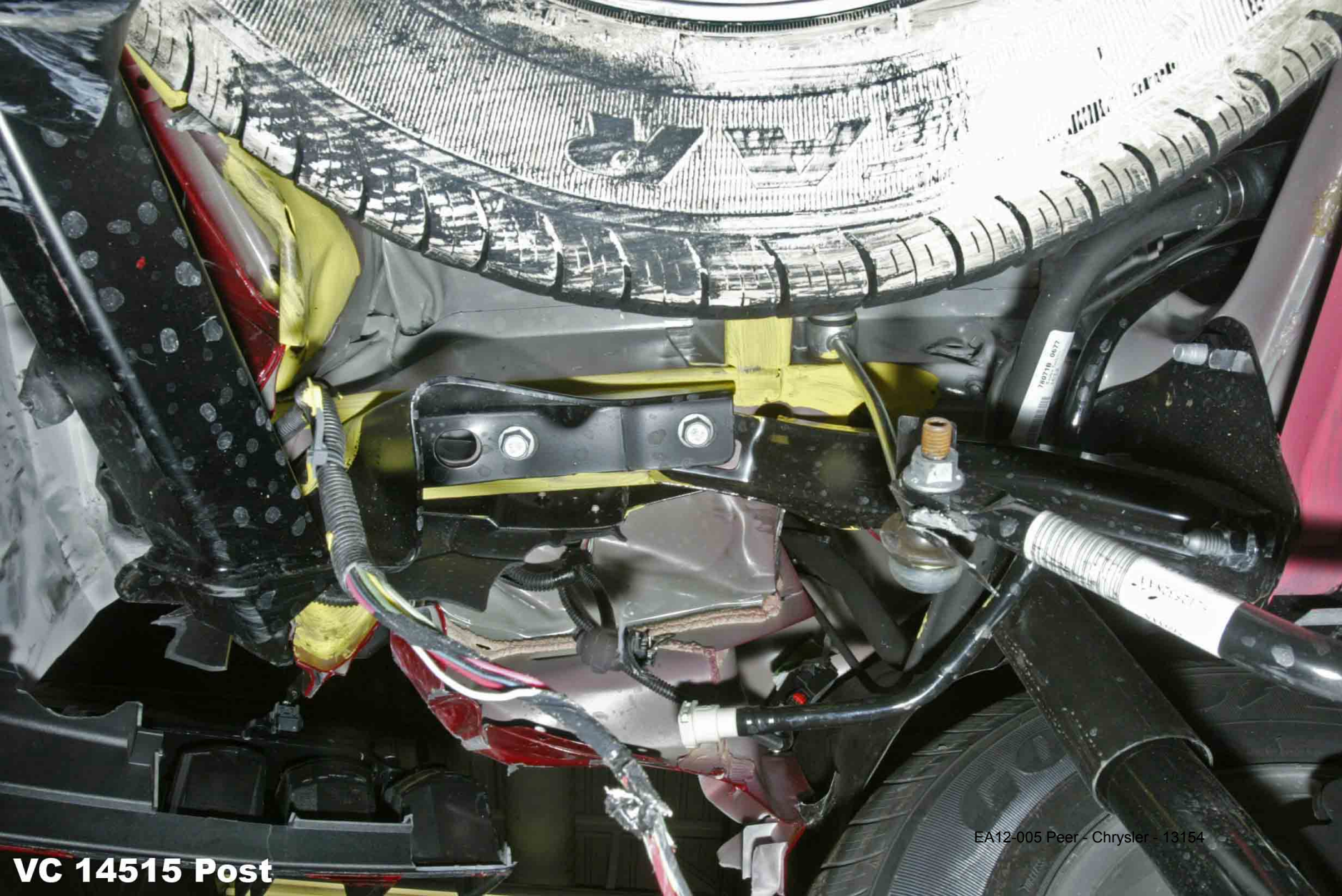
**VC 14515 Post**

EA12-005 Peer - Chrysler - 13152



**VC 14515 Post**

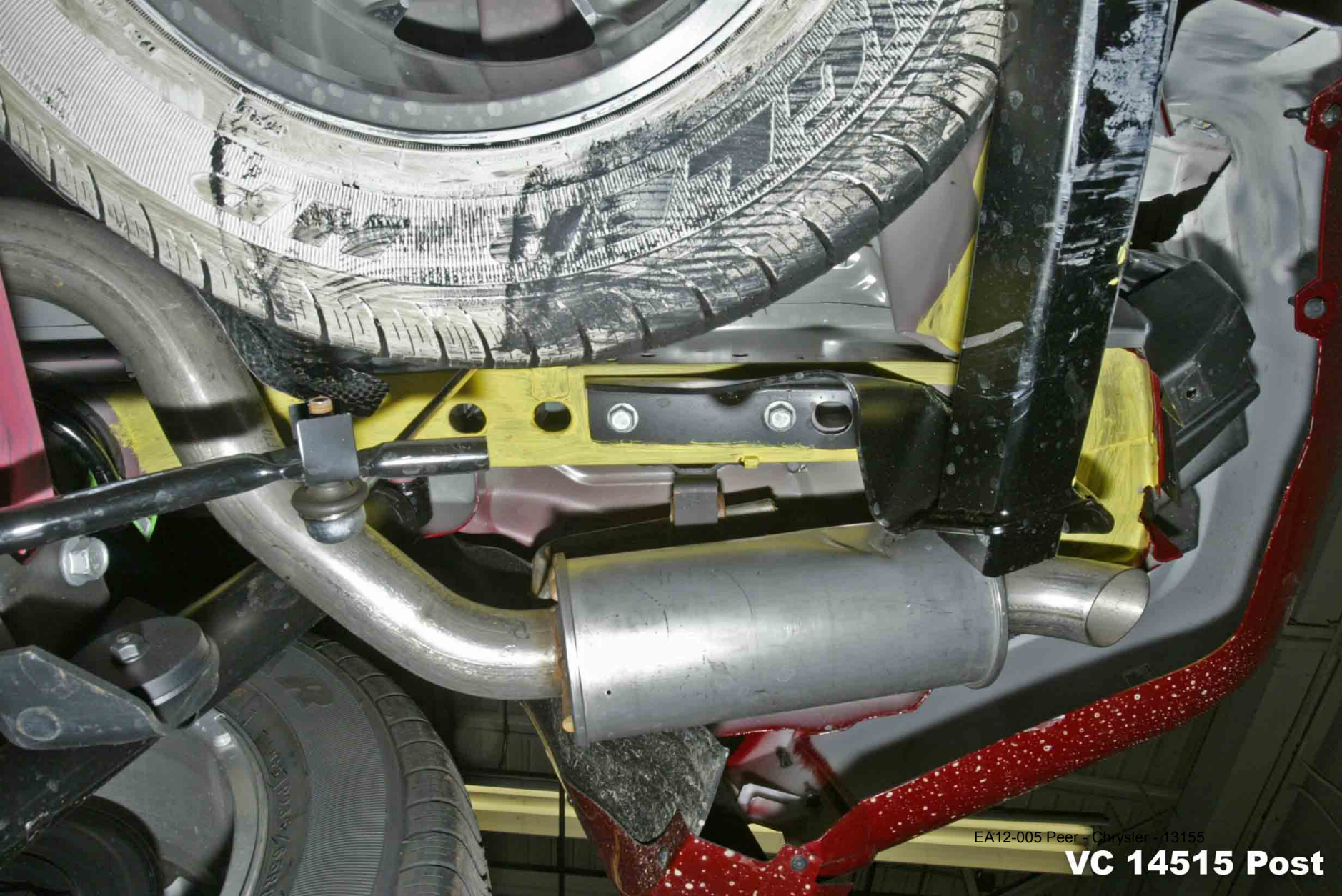
EA12-005 Feer - Chrysler - 13153



EA12-005 Peer - Chrysler - 13154

**VC 14515 Post**





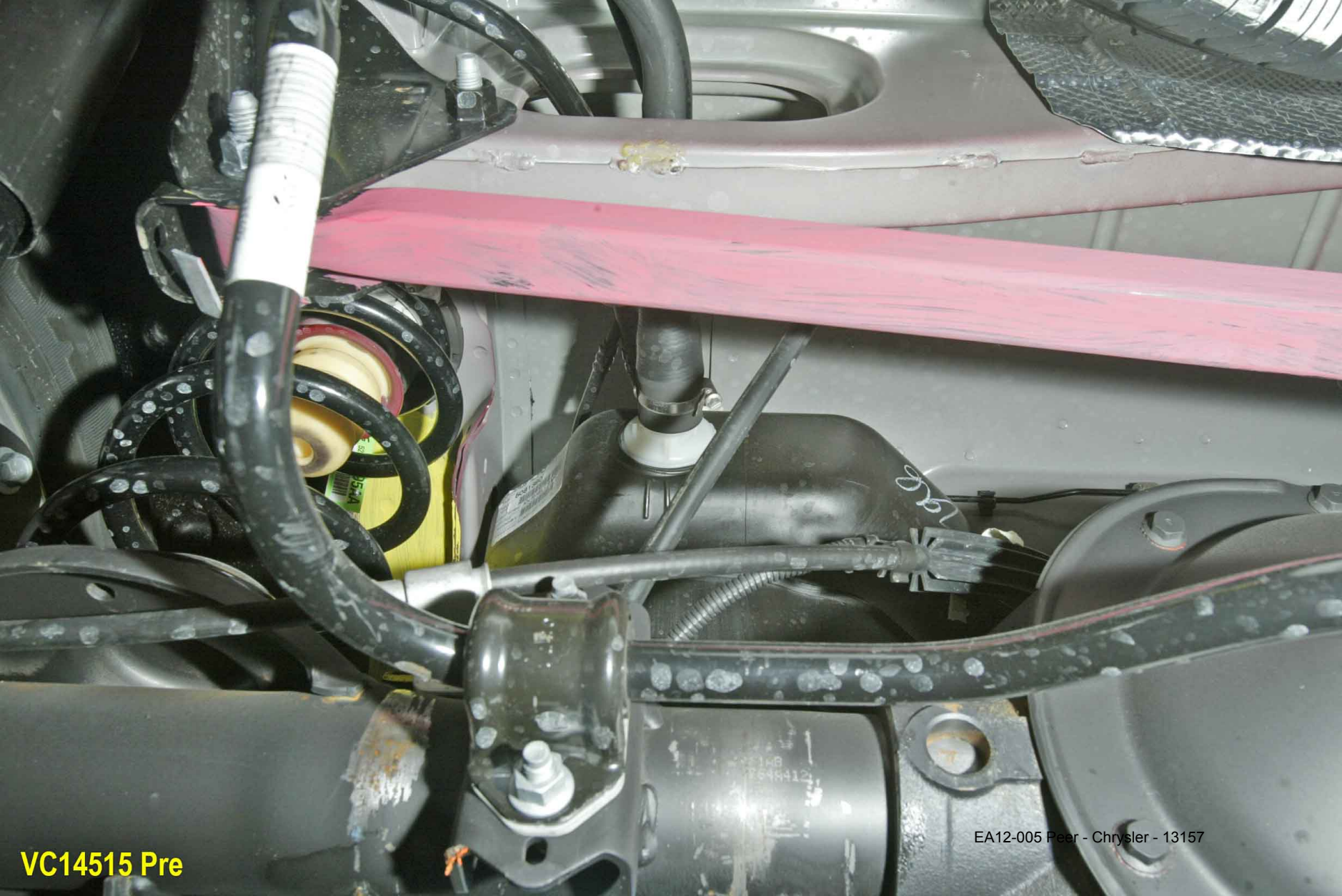
EA12-005 Peer - Chrysler - 13155

**VC 14515 Post**



VC14515 Pre

EA12-005 Peer - Chrysler - 13156



VC14515 Pre

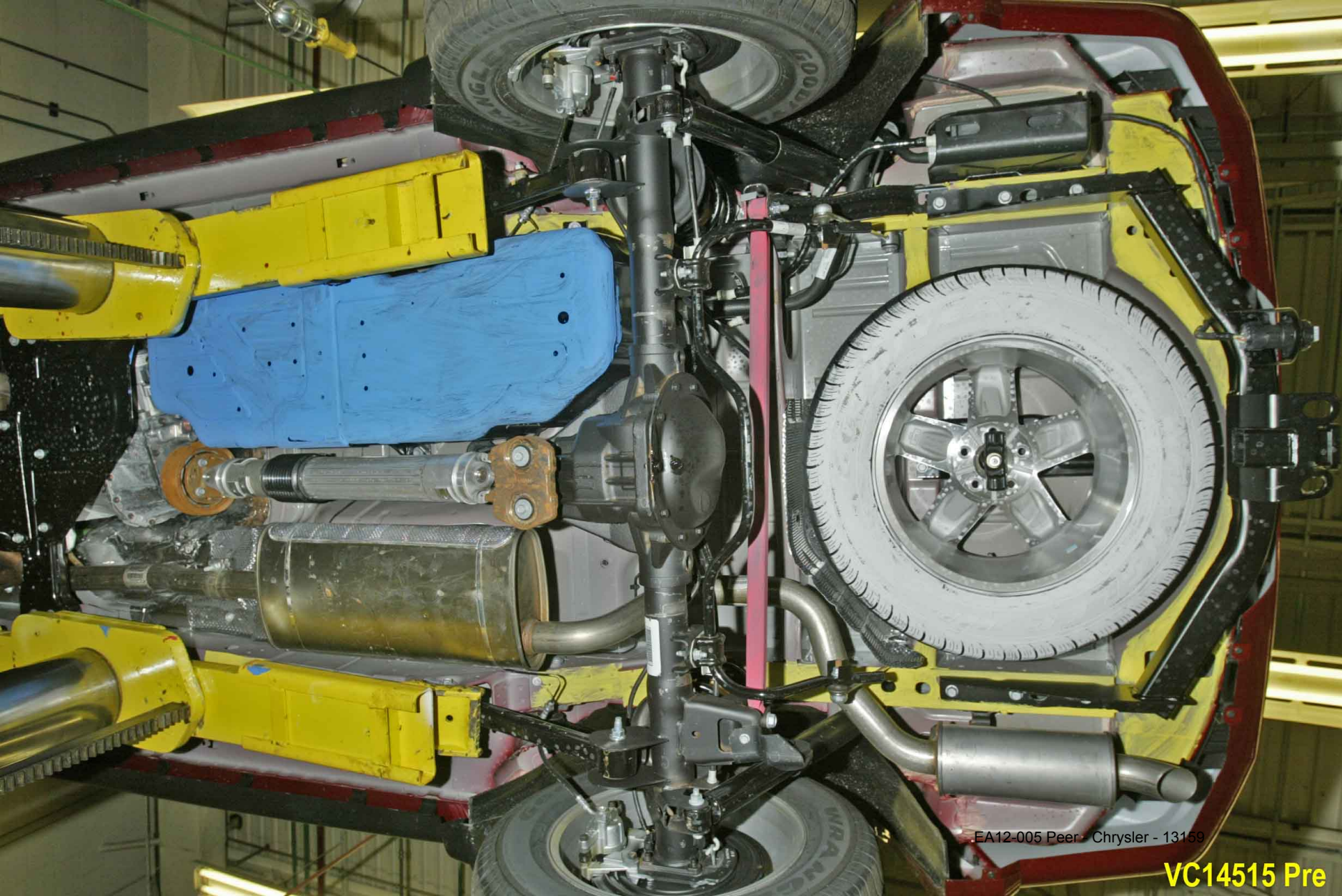
EA12-005 Pear - Chrysler - 13157



VC14515 Pre

EA12-005 Peer - Chrysler - 13158

8212992



EA12-005 Peer - Chrysler - 13159

VC14515 Pre



EA12-005 Peer - Chrysler - 13160

**VC14515 Pre**

VC14515



Purged & Pressure Checked  
Has Been Added  
\_\_\_\_\_  
\_\_\_\_\_  
ent Lab







14515

14515

2996

VC14515 Pre

EA12-005 Peer - Chrysler - 13163

DATE 05/01/07  
TIME 09:54:24.

ELECTRONIC DATA PROCESSING  
EDP TEST LETTER

VEHICLE CRASH ENGINEERING  
DEPT 5320

VC14515 ITEM L8KKJ3742  
VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
TEST DATE 04/28/07  
TEST SITE CPG

TEST PURPOSE PRIMARY, 2008 FMVSS 301 COMPLIANCE

IMPACT TYPE TARGET SPEED; 80.00 KPH  
DAMAGE LOCATION; REAR LEFT  
BARRIER TYPE; REAR TYPE V ADJUSTABLE  
BARRIER SURFACE; PLASCORE

VEHICLE BODY CLASS; KK  
CAR LINE; NONE  
BODY; 74  
ENGINE; EKG  
ENGINE NOTE;  
TRANSMISSION; DGV  
TRANS. NOTE;  
VIN AS TESTED;  
VIN AS BUILT; 1J8GN58K38W [REDACTED]

TEST SPEED 81.80000 KPH BY TRAP AVERAGE AVERAGE  
TEST WEIGHT(KG) 2228.53 TOTAL, 1178.90 FRONT, 1049.63 REAR,

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

BUILD CONDITION ORIGINAL BUILD:  
2008 KK S1 A  
MODIFIED BUILD:  
REPLACE ORC WITH BUFFERED ORC, FLASHED WITH 08 KK  
PRODUCTION CALIBRATION.  
MODIFIED EMD BUILD:  
CONFIRM BODY DAMPER IS APPROPRIATE FOR THE VEHICLE  
CONFIG.WET FUELS PREPARATION (PURGE, PRESSURE CHE  
CK, 3 GALLON STODDARD FILL).

TARGET WEIGHT(KG) 2227.15 TOTAL, 0.00 FRONT, 0.00 REAR  
INCLUDING BALLAST AND OCCUPANTS

FUEL AND BALLAST 70.0 LITRES STODDARD SOLVENT  
50# OF BALLAST ON FRONT FLOORPANS.  
KG ADDITIONAL BALLAST WEIGHTS  
136.10 KG BALLAST WEIGHT SECURED IN CARGO AREA

DATE 05/01/07  
TIME 09:54:24.

ELECTRONIC DATA PROCESSING  
EDP TEST LETTER

VEHICLE CRASH ENGINEERING  
DEPT 5320

VC14515 ITEM L8KKJ3742  
VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST  
TEST DATE 04/28/07  
TEST SITE CPG  
POST TEST REMARKS POST-TEST MEASUREMENTS REQ :

POST-TEST TEST COMMENTS :

EDP TECHNICIAN S. MARCHENIA

No. of Pages 35  
CC

N. BRZUCH 514-17-39  
M. STEBELTON 422-05-01

DATE 05/01/07  
TIME 09:55:23.

TEST VALUES  
EDP CHANNEL SUMMARY

SAFETY TEST  
DEPT 5320

VC14515 80.0 KPH REAR REAR TYPE V ADJUSTABLE ITEM L8KKJ3742  
08 KK, FMVSS 301 COMPLIANCE TEST

TEST DATE 04/28/07 SPEED 81.8 TEST WT 2228.5

LIBRARY VC14515

Errata # 1 Data Set 04/28/07BA CHL001-016 50.8 REAR VC14515E  
Errata # 1 Data Set 04/28/07BB CHL017-019 50.8 REAR VC14515E

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

CHL	TRANSDUCER LOCATION		DCX 1000 CFC PEAK	DCX 600 CFC PEAK	PH 180 CFC PEAK	PH 60 CFC PEAK	AT 300MS	
1	FUEL TANK REAR ACCEL	X MS12668	-43.3	-37.8	-35.7	-31.6	-33.8	KPH
2	SENSOR LT FRT C/ZONE	X MS12282	-54.8	-48.4	-38.7	-32.5	-32.6	KPH
3	SENSOR RT FRT C/ZONE	X MS12563	-79.6	-70.1	-53.2	-38.6	-33.2	KPH
4	RIGHT FRONT SILL	X P21213	-40.4	-35.3	-31.2	-25.8	-33.3	KPH
5	RIGHT FRONT SILL	Z P16924	70.8	50.3	10.2	6.5	1.8	KPH
6	AECM MODULE	X MS11649	-51.3	-44.8	-31.8	-22.8	-34.4	KPH
7	AECM MODULE	Y MS11885	39.2	35.8	24.6	11.1	2.6	KPH
8	LEFT REAR SILL	X P22299	-301.8	-203.3	-72.7	-37.0	-42.6	KPH
9	LEFT REAR SILL	Z MS11952	-779.0	-656.2	66.2	20.3	-0.2	KPH
10	SWING GATE DOOR EV	EE	0.0	VOLT				*
11	SWING GATE BLW HANDLE	X ET21116	-431.9	-411.2	-247.2	-85.6	-41.0	KPH
12	SWING GATE BLW HANDLE	Z ET21129	-390.6	-287.5	-117.9	-49.4	-1.7	KPH
13	RIGHT REAR SILL	X MS12231	-68.6	-36.2	-32.6	-26.3	-34.8	KPH
14	RIGHT REAR SILL	Z MS12259	-351.3	-244.6	32.5	9.5	1.0	KPH
15	M-ADJ FRONT XMBR	X MS11599	164.8	125.8	72.1	38.3	55.7	KPH
16	M-ADJ FRONT XMBR	Y MS11819	87.5	65.7	17.6	6.4	-0.4	KPH
17	M-ADJ REAR XMBR	Y MS11595	-97.1	-78.7	-60.7	-48.9	-11.2	KPH
18	M-ADJ LT RAIL MID	X MS11756	73.6	68.3	41.6	37.8	54.7	KPH
19	M-ADJ RT RAIL MID	X MS11672	96.5	87.5	49.7	44.6	55.7	KPH

Multi-Channel Plot data

CHLS 4 8 & 13 CL PH60 AVERAGE OF FRT SILL -254.4G AT .3 MS  
CHLS 8 1 & 3 CL PH60 AVERAGE OF RR SILL -254.5G AT .3 MS

\* - See Notes & Comments page

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NOTES & COMMENTS

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DEPT 5320

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CHL 10 \*N\* \*\*\*\*\* NO EVENT \*\*\*\*\*

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