

REPORT NUMBER: 201U-CAL-06-04

**SAFETY COMPLIANCE TESTING FOR FMVSS 201
OCCUPANT PROTECTION IN INTERIOR IMPACT
UPPER INTERIOR HEAD IMPACT PROTECTION**

**HONDA OF AMERICA
2006 HONDA CIVIC 4 DOOR LX**

NHTSA NUMBER: C65302

CALSPAN TEST NUMBER: 8754-FMH-11

CALSPAN
TRANSPORTATION SCIENCES CENTER
P.O. BOX 400
BUFFALO, NEW YORK 14225



Test Date: April 20, 2006

FINAL REPORT

PREPARED FOR:

U. S. DEPARTMENT OF TRANSPORTATION
National Highway Traffic Safety Administration
Enforcement
Office of Vehicle Safety Compliance
Mail Code: NVS-220, Room 6111
400 Seventh Street, SW
Washington, DC 20590

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Prepared by:

James Czarnecki, Project Engineer

Approved by:

David J. Travale, Program Manager
Transportation Science Center

Approval Date:

FINAL REPORT ACCEPTANCE BY:

NHTSA, Office of Vehicle Safety Compliance

Date of Report Acceptance

TECHNICAL REPORT STANDARD TITLE PAGE

1. <i>Report No.</i> 201U-CAL-06-04		2. <i>Government Accession No.</i>		3. <i>Recipient's Catalog No.</i>																			
4. <i>Title and Subtitle</i> Final Report of FMVSS 201 Compliance Testing of a 2006 Honda Civic, 4dr LX, NHTSA No. C65302				5. <i>Report Date</i> April 20, 2006																			
				6. <i>Performing Organization Code</i> CAL																			
7. <i>Author(s)</i> David J. Travale, Program Manager James Czarnecki, Project Engineer				8. <i>Performing Organization Report No.</i> 8754-FMH -11																			
9. <i>Performing Organization Name and Address</i> Calspan 4455 Genesee Street Buffalo, New York 14225				10. <i>Work Unit No.</i>																			
				11. <i>Contract or Grant No.</i> DTNH22-04-C-01027																			
12. <i>Sponsoring Agency Name and Address</i> U.S. Department of Transportation National Highway Traffic Safety Administration Office of Vehicle Safety Compliance (OVSC) Mail Code: NVS-220 400 Seventh, SW, Room 6111 Washington, D.C. 20590				13. <i>Type of Report and Period Covered</i> Final Report April 2006																			
				14. <i>Sponsoring Agency Code</i> NVS-220																			
15. <i>Supplementary Notes</i>																							
16. <i>Abstract</i> Compliance tests were conducted on the subject vehicle, a 2006 Honda Civic,4dr LX, in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure TP-201U-01 for determination of FMVSS 201 compliance. Test failures identified were as follows in the table below:																							
<table border="1"> <thead> <tr> <th>Target Point</th> <th>Horizontal</th> <th>Vertical</th> <th>Velocity</th> <th>HIC</th> <th>HICd</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>None</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>						Target Point	Horizontal	Vertical	Velocity	HIC	HICd	None	-	-	-	-	-	None	-	-	-	-	-
Target Point	Horizontal	Vertical	Velocity	HIC	HICd																		
None	-	-	-	-	-																		
None	-	-	-	-	-																		
17. <i>Key Words</i> Compliance Testing Safety Engineering FMVSS 201				18. <i>Distribution Statement</i> <u>Copies of this report are available from:</u> NHTSA Technical Reference Division National Highway Traffic Safety Admin. 400 Seventh St., SW Washington, DC 20590 Telephone No.: 202-366-4946																			
19. <i>Security Classif. (of this report)</i> UNCLASSIFIED		20. <i>Security Classif. (of this page)</i> UNCLASSIFIED		21. <i>No. of Pages</i>	22. <i>Price</i>																		

Form DOT F1700.7 (8-69)

TABLE OF CONTENTS

SECTION		PAGE
1	PURPOSE AND TEST PROCEDURE	1-1
2	SUMMARY OF UPPER INTERIOR HEAD IMPACTS	2-1
3	SUMMARY OF TEST RESULTS AND DATA PLOTS	3-1
APPENDIX A	PHOTOGRAPHS	A-1
APPENDIX B	PART 572L PERFORMANCE CALIBRATION IN SUPPORT OF VEHICLE SAFETY COMPLIANCE TESTING FOR OCCUPANT PROTECTION IN INTERIOR IMPACT	B-1

LIST OF DATA SHEETS

DATA SHEET	DESCRIPTION	PAGE NO.
2-1	SUMMARY OF UPPER INTERIOR HEAD IMPACT TESTS	2-2
2-2	GENERAL TEST AND VEHICLE PARAMETER DATA	2-4
2-3	APPROACH ANGLE LIMITS	2-6
2-4	SUMMARY TARGET IMPACT LOCATION ON FMH	2-7

SECTION 1

PURPOSE AND TEST PROCEDURE

This head impact compliance test is part of the FMVSS 201, Upper Interior Head Impact Protection, Test Program sponsored by the National Highway Traffic Safety Administration (NHTSA) under Contract No. DTNH22-04-C-01027. The purpose of this head impact compliance test was to determine whether the subject vehicle, a 2006 Honda Civic, 4dr LX, NHTSA No.C65302, meet the performance requirements of FMVSS 201, Occupant Protection in Interior Impact. The compliance test was conducted in accordance with the OVSC Laboratory Test Procedure No. TP-201U-01 dated April_03, 1998.

SECTION 2

SUMMARY OF UPPER INTERIOR HEAD IMPACTS

A 2006 Honda Civic, 4dr LX, NHTSA No.C65302 , was tested at various upper interior locations by a 4.54 kg 50th percentile headform. A total of twelve (12) impact tests were performed in the test series with the target areas tested selected by the NHTSA Contracting Officer's Technical Representative (COTR). A summary of test results can be found on Data Sheet 2-1, Summary of Upper Interior Head Impact Tests. The twelve (12) areas chosen for testing were:

RP1	SR3F	BP4	BP2	URBP Passenger
AP3	AP1	RP2	URRP	BP3
AP2	URBP Driver			

The selected impact areas on the test vehicle appeared to comply with the performance requirements of FMVSS 201.

Five Free Motion Headforms (FMH) were used in this test series. All five FMH's were calibrated prior to and after the test series. Calibration information are included in Appendix B. Each FMH weighed 4.54 ± 0.5 kg and had an orthogonal tri-axis accelerometer pack mounted at the headform's center of gravity (c.g.).

A total of three (3) channels of data for each test were recorded on a Keyser-Threde data acquisition system. Data plots, along with still images, can be found in Section 3, Summary of Test Results and Data Plots.

To document each target area impact test, a Weinberger high-speed video camera was placed at an appropriate location to record the headform contact with the selected target area.

DATA SHEET 2-1

SUMMARY OF UPPER INTERIOR HEAD IMPACT TESTS

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

TARGET CODE	Target Coordinates						Approach Angles (degrees)		Velocity (kph)	FMH HIC	HIC(d)
	Driver Side			Passenger Side			Horizontal	Vertical			
	X(mm)	Y(mm)	Z(mm)	X(mm)	Y(mm)	Z(mm)					
AP1	-438.274	217.313	597.348	-433.063	1301.969	597.713	Relocated 2 circles		-	-	-
AP1_R2	-407.140	215.616	587.919	-408.546	1310.111	575.717	116°	31°	18.67	355.5	434.6
AP2	-532.697	166.501	508.534	-530.740	1353.031	508.154	222°	50°	18.83	649.8	656.6
AP3	-746.452	137.665	427.291	-748.506	1380.882	427.584	139°	41°	18.64	652.6	658.7
BP1	160.049	259.117	657.033	160.232	1258.729	655.824	Relocated 1 circle		-	-	-
BP1_R1	159.383	278.727	667.675	160.280	1238.836	666.629	-	-	-	-	-
BP2	134.040	183.710	465.627	140.564	1332.937	467.861	90°	10°	23.4	665.7	668.6
BP3	69.144	145.538	445.112	71.513	1372.709	442.124	277°	-6°	23.84	618.9	633.4
BP4	168.126	109.581	336.186	170.440	1407.735	335.782	140°	-5°	23.67	716.6	707.0
FH1	-514.741	335.486	605.175	-512.418	1181.474	606.081	-	-	-	-	-
FH2	-534.813	485.957	612.225	-529.864	1029.898	613.793	-	-	-	-	-
RH	905.719	426.008	652.744	905.273	1090.330	653.465	-	-	-	-	-
RP1	889.230	249.388	596.054	890.447	1265.809	592.729	77°	19°	18.77	234.3	343.1
RP2	1035.017	161.256	445.756	1035.602	1353.057	443.570	Relocated 5 circles		-	-	-
RP2_R5	936.802	184.408	511.394	941.509	1327.311	510.165	304°	28°	18.34	352.2	432.1
SR1	-289.727	235.331	619.084	-285.074	1283.859	619.192	Relocated 1 circle		-	-	-
SR1_R1	-311.931	230.154	612.346	-305.690	1291.555	609.357	-	-	-	-	-
SR2	-135.894	231.606	650.256	-134.194	1286.083	649.384	Relocated 2 circles		-	-	-
SR2_R2	-134.264	259.885	648.178	-132.736	1261.204	642.291	-	-	-	-	-
SR3F	448.963	259.647	643.189	448.251	1258.828	635.419	90°	32°	18.45	315.8	404.6
SR3R	609.280	258.430	630.305	612.118	1261.896	619.315	-	-	-	-	-
URAP	-330.697	357.216	639.737	-326.864	1170.248	640.064	-	-	-	-	-

URBP	161.583	382.351	696.656	159.078	1137.398	694.686	90°	50°	23.76	1072.2	975.4
							270°	50°	23.48	890.8	838.5
URFSR	-130.737	373.049	693.235	-137.947	1144.507	692.007	-	-	-	-	-
URRP	750.541	353.437	686.966	754.600	1172.594	683.739	270°	41°	23.55	684.4	682.8
URRSR	463.068	385.001	706.975	527.302	1146.781	703.825	-	-	-	-	-

*HIC(d)=0.75446(Free Motion Headform HIC)+166.4

DATA SHEET 2-2

GENERAL TEST AND VEHICLE PARAMETER DATA

TEST VEHICLE INFORMATION:									
Year/Make/Model/Body Style:				2006 Honda Civic 4dr LX					
VIN:				1HGFA16576L054629					
Month & Year of Manufacture:				01/06 (SEE CERTIFICATION LABEL)					
Vehicle Body Color:				Blue					
Engine Data:	4	Cylinders;	-	CID;	1.8	Liters;	-	cc	
Engine Placement:		x	Longitudinal;	or		-	Lateral		
Transmission:	5	Speed;	-	Manual;	x	Automatic;	-	Overdrive	
Final Drive:	-	Rear Wheel Drive;	x	Front Wheel Drive;	-	Four Wheel Drive			
Odometer Reading:		18	km						
Options:	x	A/C;	x	Power Steering;	x	Pwr.Brakes;	x	Pwr. Windows	
Interior Trim Information :									
1. Adjustable seat belt anchorages on both B-Pillars									
2. Grab handles on both front and rear side rails									
3. No sunroof version with side curtain airbags									

DATA FROM TIRE PLACARD:									
Tire Pressure (at capacity);				220		kPa FRONT			
				220		kPa REAR			
Recommended Tire Size:				P205/55R16					
Tires on Test Vehicle:		P205/55R16		Manufacturer:			Goodyear		
Vehicle Capacity Data:									
Number of Occupants:	2	Front;	3	Rear;	-	3rd Seat;	5	Total	
Type of Front Seats:	x	Bucket;	-	Bench;	-	Split Bench			
Type of Front Seat Back:	-	Fixed;	x	Adjustable with	x	Lever or	-	Knob	
Vehicle Capacity Weight (VCW)=				385		kg (A)			
No. of Occupants x 68 kg. =				340		kg (B)			
Rated Cargo/Luggage Weight (RCLW) =				25		kg (A-B) Max. RCLW = 136 kg.			

DATA SHEET 2-2

GENERAL TEST AND VEHICLE PARAMETER DATA (cont.)

TEST VEHICLE DELIVERED WEIGHT WITH MAXIMUM FLUIDS:							
Left Front	=	380	kg	Left Rear	=	251	kg
Right Front	=	380	kg	Right Rear	=	236	kg
TOTAL FRONT	=	760	kg	TOTAL REAR	=	487	kg
% of Total Weight	=	60.9	%	% of Total Weight	=	39.1	%
TOTAL WEIGHT	=	1247				kg	

CALCULATION OF VEHICLE'S TARGET TEST WEIGHT:		
Total Test Vehicle Delivered Weight=	1247	kg (A)
+ Rated Cargo/Luggage Weight =	25	kg (B)
TEST VEHICLE TARGET WEIGHT =	1272	kg (A+B)

WEIGHT OF TEST VEHICLE (FULLY LOADED):							
Left Front	=	378	kg	Left Rear	=	257	kg
Right Front	=	386	kg	Right Rear	=	244	kg
TOTAL FRONT	=	764	kg	TOTAL REAR	=	501	kg
% of Total Weight	=	60.4	%	% of Total Weight	=	39.6	%
TOTAL TEST WEIGHT	=	1265					
Weight of vehicle secured in test vehicles cargo area	=	18				kg	

TEST VEHICLE ATTITUDE (all dimensions in millimeters):				
AS DELIVERED:	Left Front	672	Left Rear	688
	Right Front	682	Right Rear	700
FULLY LOADED:	Left Front	672	Left Rear	684
	Right Front	679	Right Rear	695
Test Vehicle Wheelbase:	2700		millimeters	

TEST VEHICLE PITCH AND ROLL ANGLES:				
AS DELIVERED:	PITCH ANGLES		ROLL ANGLES	
	Left Door Sill	↑1.3↓	Front Bumper	0.0
	Right Door Sill	↓1.2↑	Rear Bumper	↑0.1↓
FULLY LOADED:	PITCH ANGLES		ROLL ANGLES	
	Left Door Sill	↑1.1↓	Front Bumper	0.0
	Right Door Sill	↓1.0↑	Rear Bumper	0.0
AS TESTED:	PITCH ANGLES		ROLL ANGLES	
	Left Door Sill	↑1.3↓	Front Bumper	0.0
	Right Door Sill	↓1.2↑	Rear Bumper	↑0.1↓

DATA SHEET 2-3

APPROACH ANGLE LIMITS

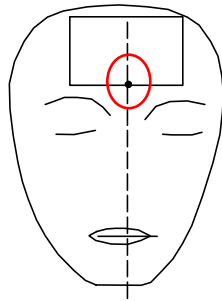
Target Code	Left Side				Target Code	Right Side			
	Horizontal Angles (deg.)		Vertical Angles (deg.)			Horizontal Angles (deg.)		Vertical Angles (deg.)	
	Minimum	Maximum	Minimum	Maximum		Minimum	Maximum	Minimum	Maximum
AP1	202	250	-5	31	AP1	110	158	-5	31
AP2	202	250	-5	50	AP2	110	158	-5	50
AP3	202	250	-5	41	AP3	110	158	-5	41
BP1	203	285	-10	10	BP1	75	157	-10	10
BP2	ANY		0	10	BP2	ANY		0	10
BP3	203	285	-10	-6	BP3	75	157	-10	-6
BP4	203	285	-10	-5	BP4	75	157	-10	-5
OP1	270		-10	-	OP1	90		-10	-
OP2	270		-10	-	OP2	90		-10	-
RP1	270	345	-10	19	RP1	15	90	-10	19
RP2	270	345	-10	28	RP2	15	90	-10	28
FH1	180		0	50	FH1	180		0	50
FH2	180		0	50	FH2	180		0	50
RH	360		0	43	RH	0		0	43
SR1	270		0	25	SR1	90		0	25
SR2A	270		0	24	SR2A	90		0	24
SR2B	270		0	24	SR2B	90		0	24
SR3	270		0	32	SR3	90		0	32
URAP	ANY		0	50	URAP	ANY		0	50
URBP	ANY		0	50	URBP	ANY		0	50
URRP	ANY		0	41	URRP	ANY		0	41

Note : BP2 target location – Seat belt anchorage

DATA SHEET 2-4

SUMMARY TARGET IMPACT LOCATION ON FMH

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue



ã RIGHT SIDE OF FACE

TARGET	Distance Above Point 0 (mm)	Distance Over From Pt. O (mm)
RP1	13	4L
SR3	14	5L
BP4	19	6L
BP2	7	0
URBP Passenger	36	2R
AP3	17	9R
AP1	9	33R
RP2	32	4L
URRP	19	3L
BP3	14	0
AP2	27	0
URBP Driver	33	7L

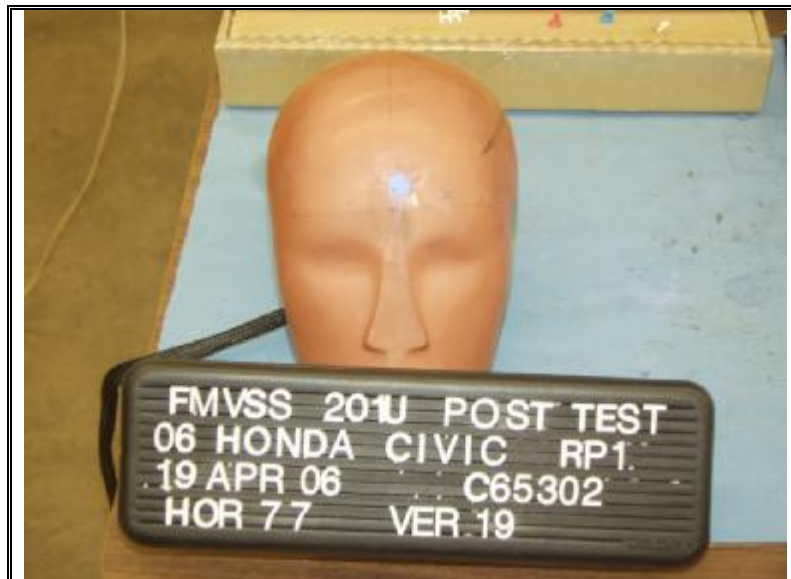
SECTION 3

SUMMARY OF TEST RESULTS AND DATA PLOTS

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	01
Test Date:	04/19/06
Target Location:	REAR PILLAR
Target Code:	RP1
Horizontal Impact Angle:	77°
Vertical Impact Angle:	19°
Ambient Temperature:	23.7°C
Relative Humidity:	31.2
Time of Impact:	10:42
Headform Number:	0062

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	4	mm right	x mm left
On Centerline	13	mm up	



POST-IMPACT RP1 HEADFORM

Free Motion HIC	234.3
HIC(d)	343.1
Impact Velocity (kph)	18.77
HIC T1 (msec)	3.5
HIC T2 (msec)	15.3

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - RP1

FMH Headform 0062

Location: RP1

Test Date: April 19, 2006

Work File: RP1

-----TEST RESULTS-----

Lab Temperature: 23.7 C

HICd: 343.1

Lab Humidity: 31.2 %

HIC (36ms): 234.3

Velocity at Impact: 18.77 KPH

t1: 3.5 msec

t2: 15.3 msec

Free Flight Distance: 215.55 mm

Duration: 11.8 msec

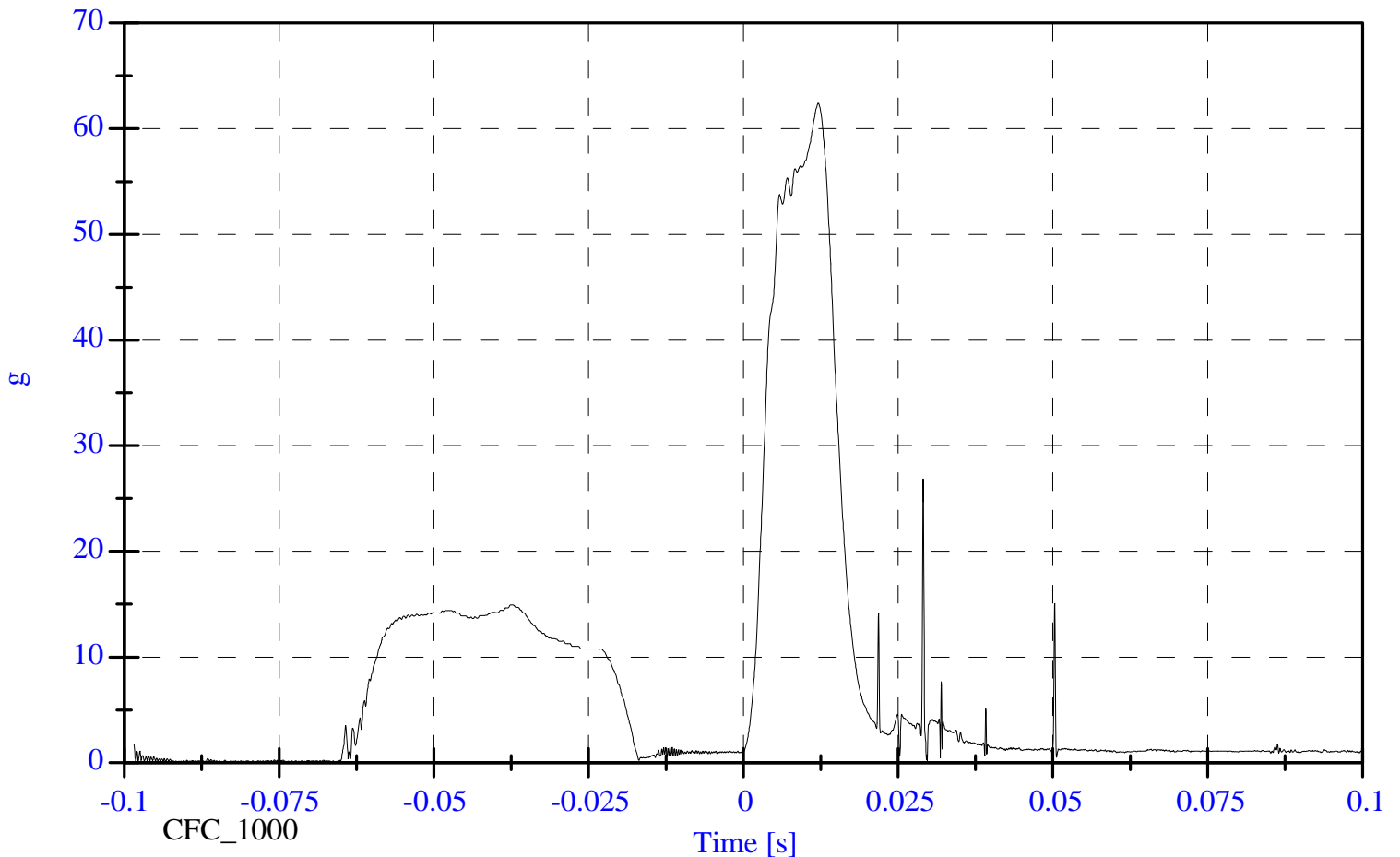
Maximum: 62.4 g

Average Acceleration: 7.2 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 62.4 [g] at 0.012 [s]

Min: 0.0 [g] at -0.077 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

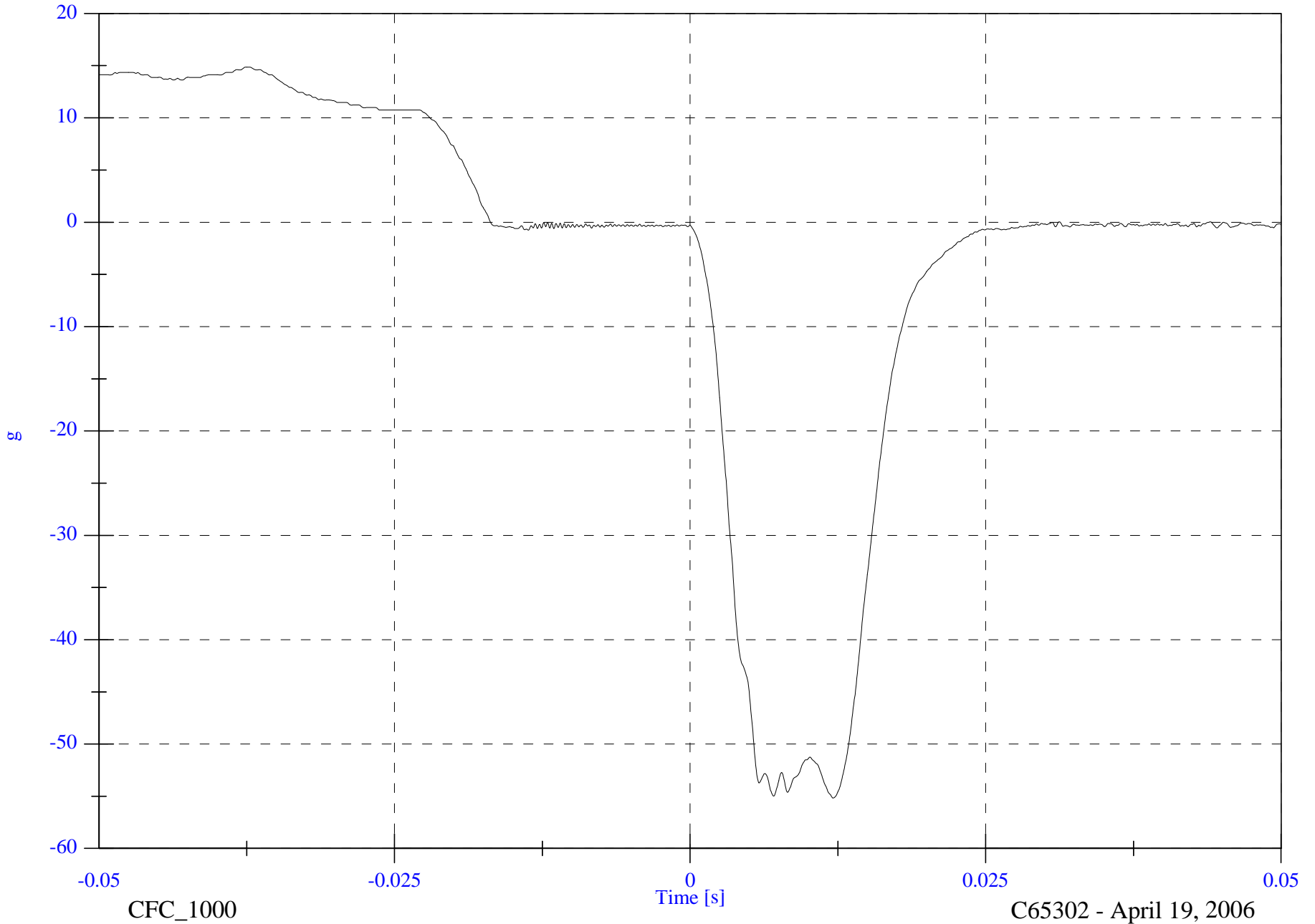
Headform X Acceleration

Max: 14.9 [g] at -0.038 [s]

Min: -55.2 [g] at 0.012 [s]

C65302 PASSENGER SIDE RP1 IMPACT PLOT#1

8754+FMH-11



C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

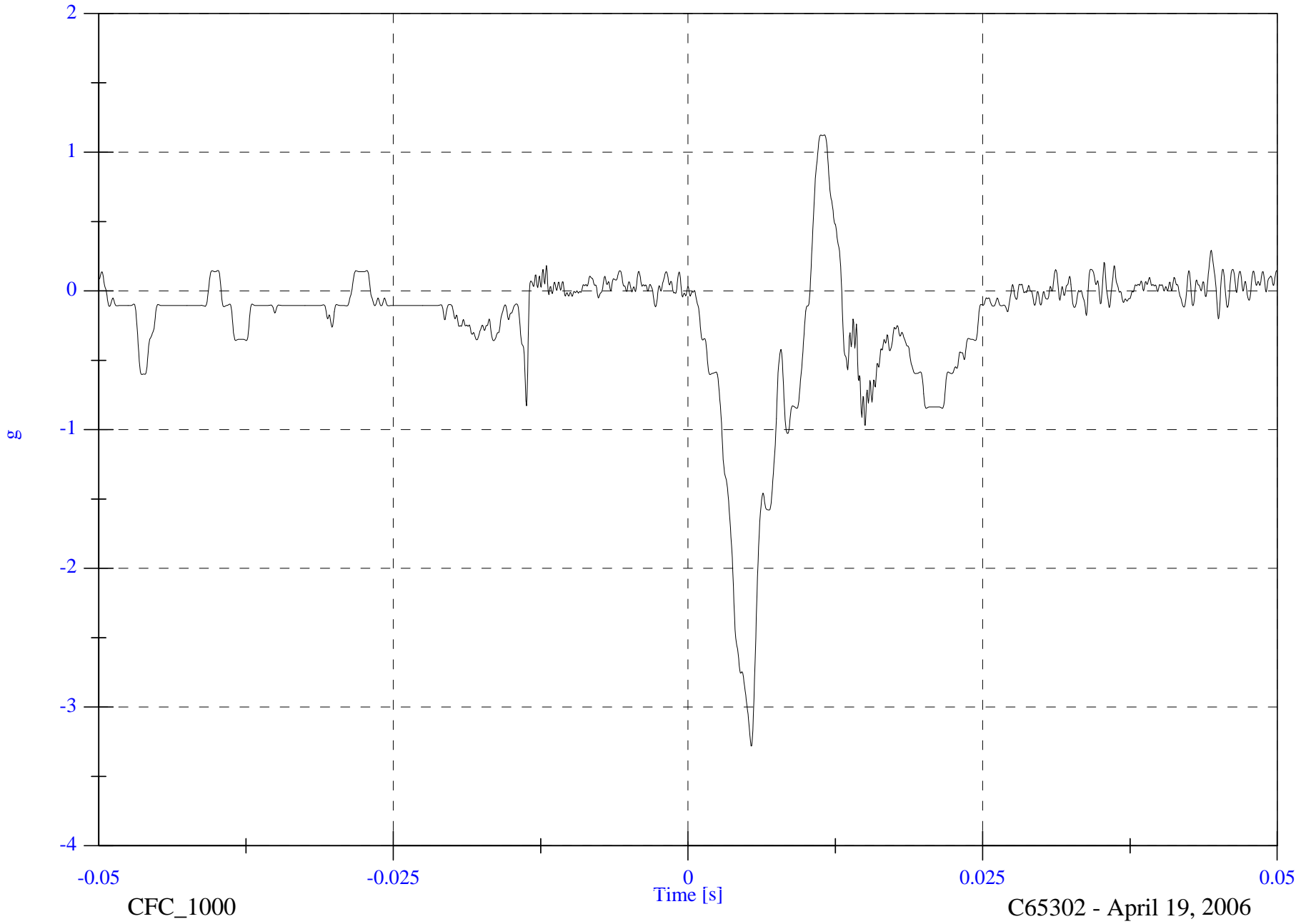
Headform Y Acceleration

Max: 1.1 [g] at 0.012 [s]

Min: -3.3 [g] at 0.005 [s]

C65302 PASSENGER SIDE RP1 IMPACT PLOT#2

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

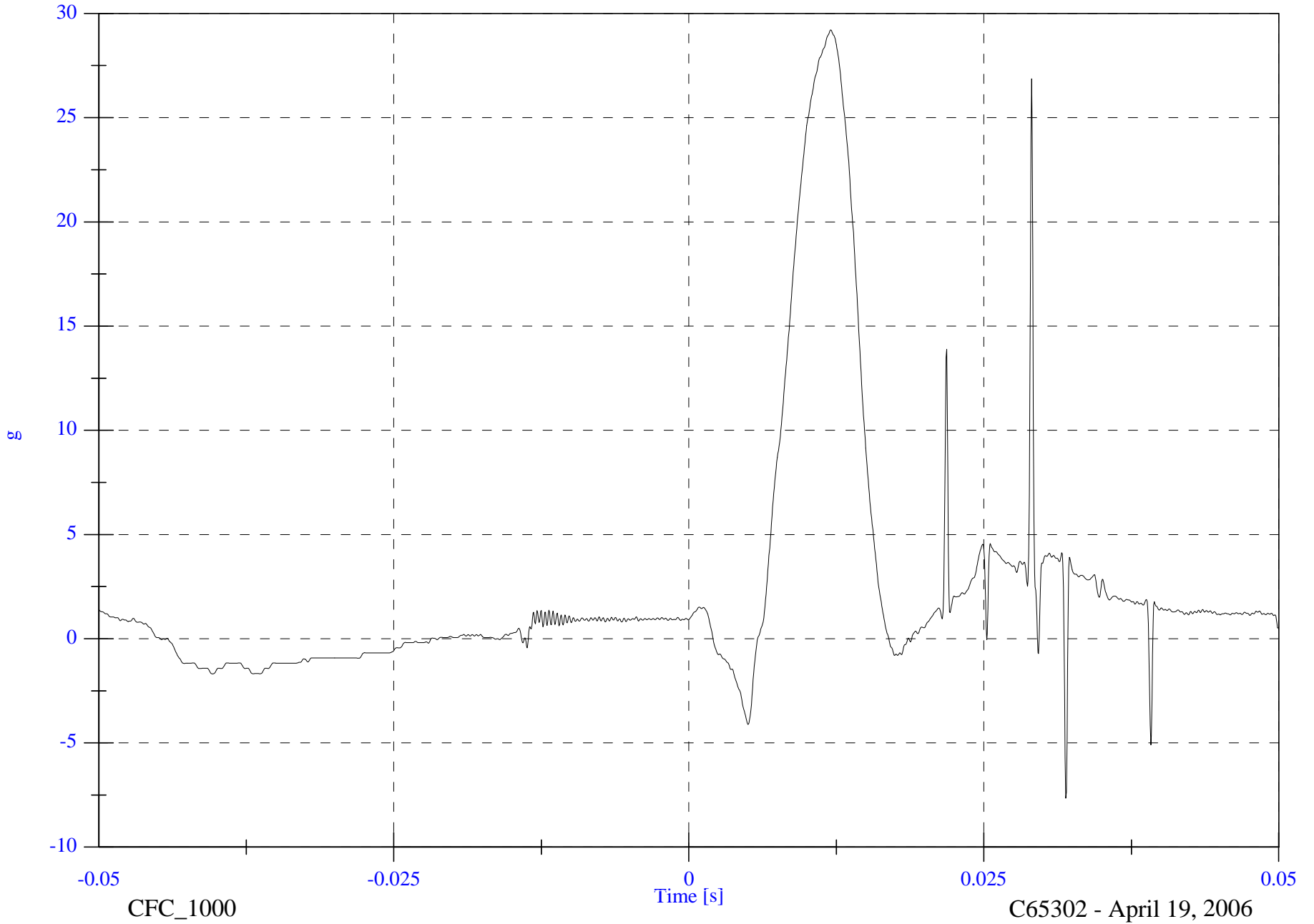
Headform Z Acceleration

Max: 29.2 [g] at 0.012 [s]

Min: -7.7 [g] at 0.032 [s]

C65302 PASSENGER SIDE RP1 IMPACT PLOT#3

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

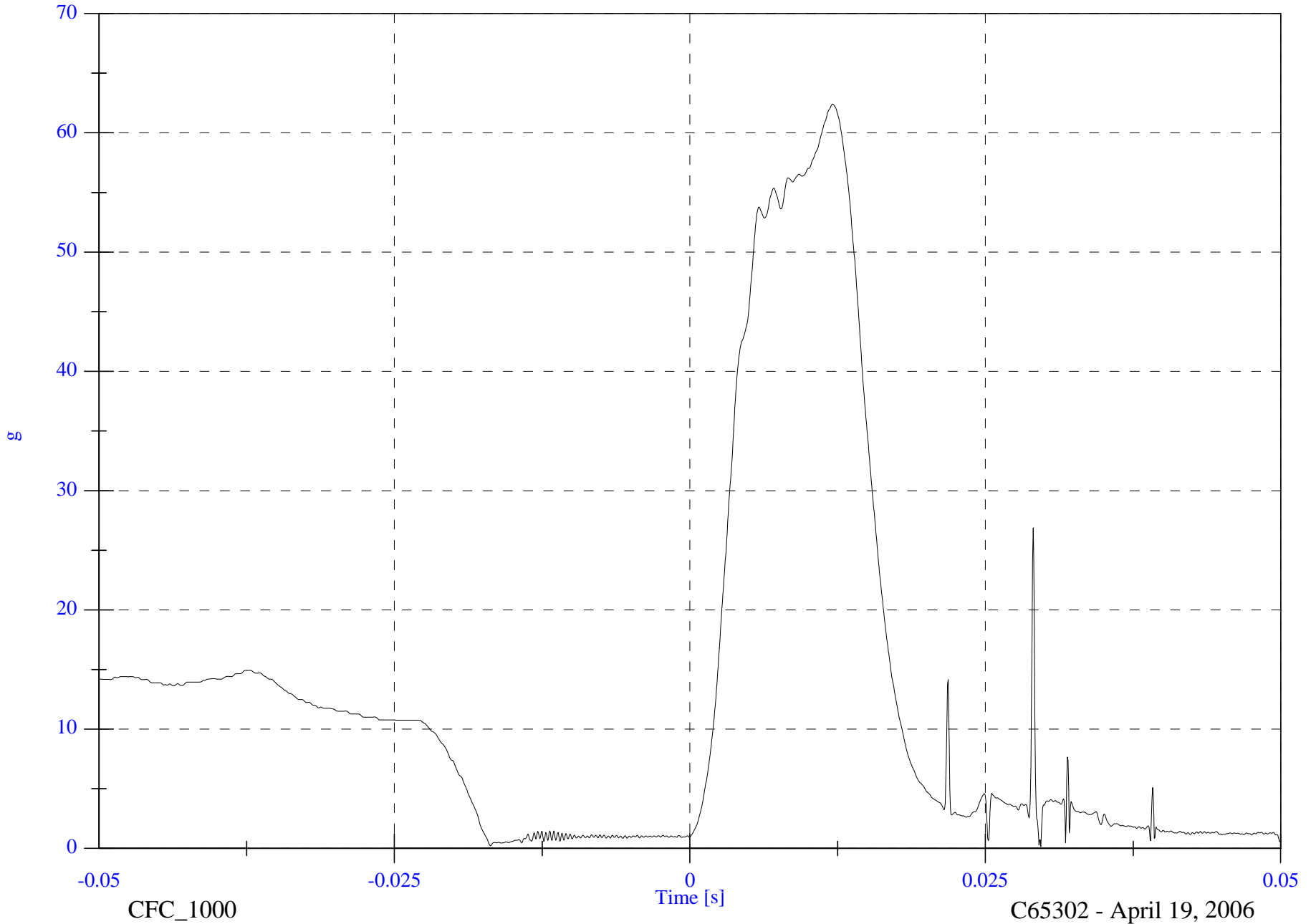
Headform Resultant

Max: 62.4 [g] at 0.012 [s]

Min: 0.2 [g] at 0.030 [s]

C65302 PASSENGER SIDE RP1 IMPACT PLOT#4

8754+FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

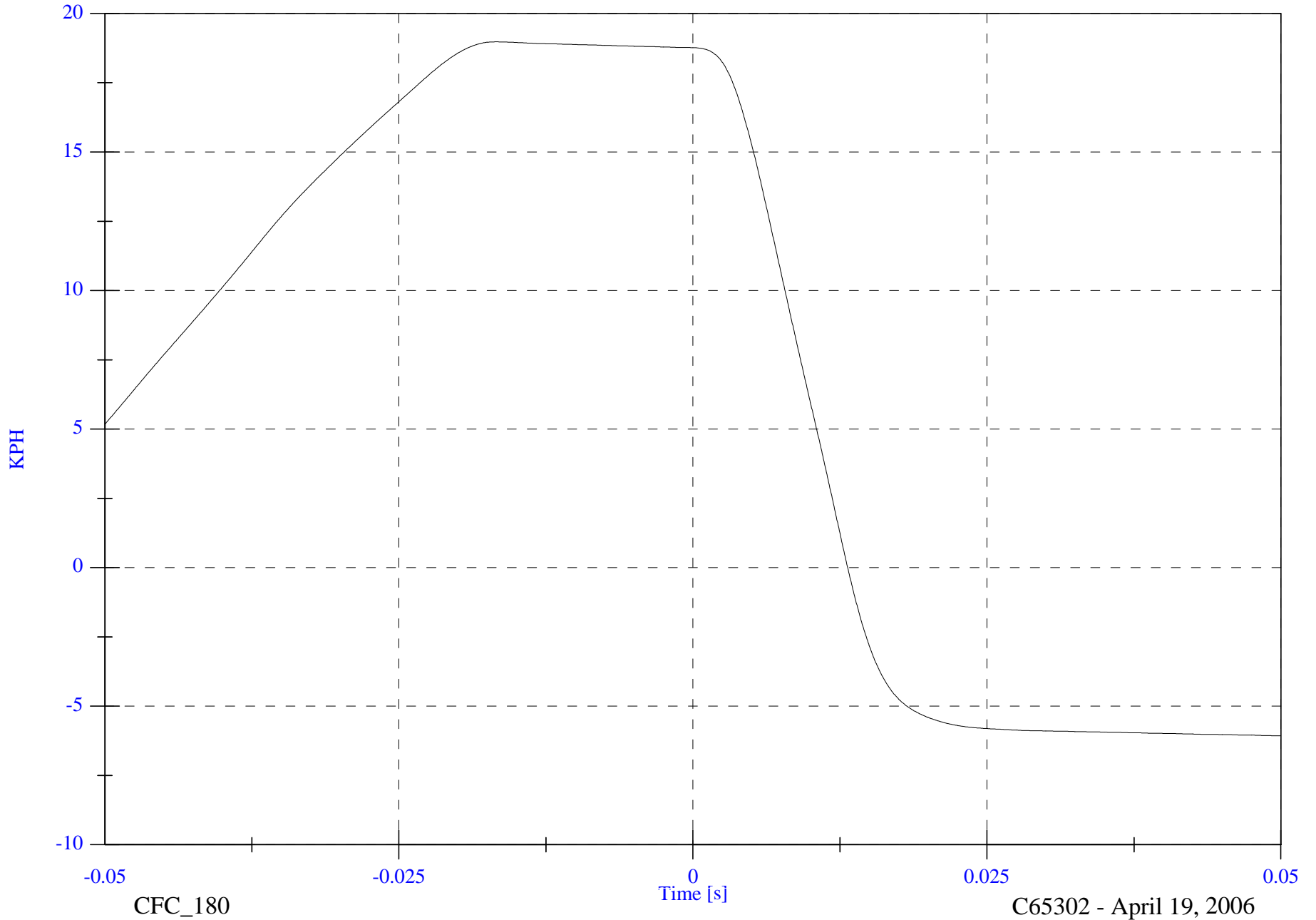
Headform Velocity

Max: 19.0 [KPH] at -0.017 [s]

Min: -6.1 [KPH] at 0.050 [s]

C65302 PASSENGER SIDE RP1 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 19, 2006



PRE-IMPACT RP1



POST-IMPACT RPI

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	02
Test Date:	04/19/06
Target Location:	REAR SIDE RAIL
Target Code:	SR3
Horizontal Impact Angle:	90°
Vertical Impact Angle:	32°
Ambient Temperature:	23.8°C
Relative Humidity:	31.3
Time of Impact:	11:09
Headform Number:	0355

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	5	mm right	x mm left
On Centerline	14	mm up	



POST-IMPACT SR3 HEADFORM

Free Motion HIC	315.8
HIC(d)	404.6
Impact Velocity (kph)	18.45
HIC T1 (msec)	3.0
HIC T2 (msec)	9.3

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - SR3F

FMH Headform 0335

Location: SR3F

Test Date: April 19, 2006

Work File: SR3

-----TEST RESULTS-----

Lab Temperature: 23.8 C

HICd: 404.6

Lab Humidity: 31.3 %

HIC (36ms): 315.8

Velocity at Impact: 18.45 KPH

t1: 3.0 msec

t2: 9.3 msec

Free Flight Distance: 215.65 mm

Duration: 6.3 msec

Maximum: 94.0 g

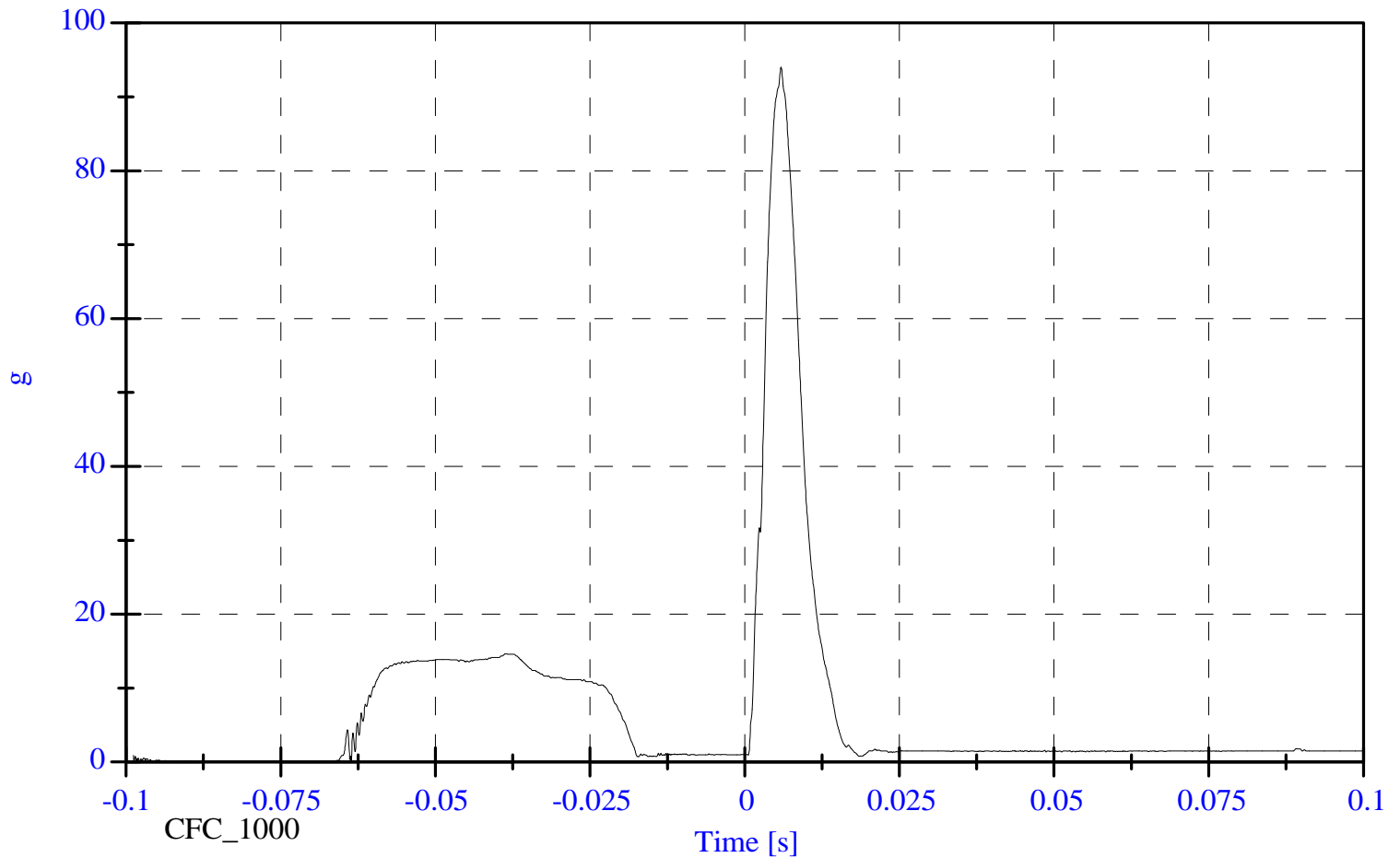
Average Acceleration: 6.7 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Max: 94.0 [g] at 0.006 [s]

Headform Resultant

Min: 0.0 [g] at -0.088 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

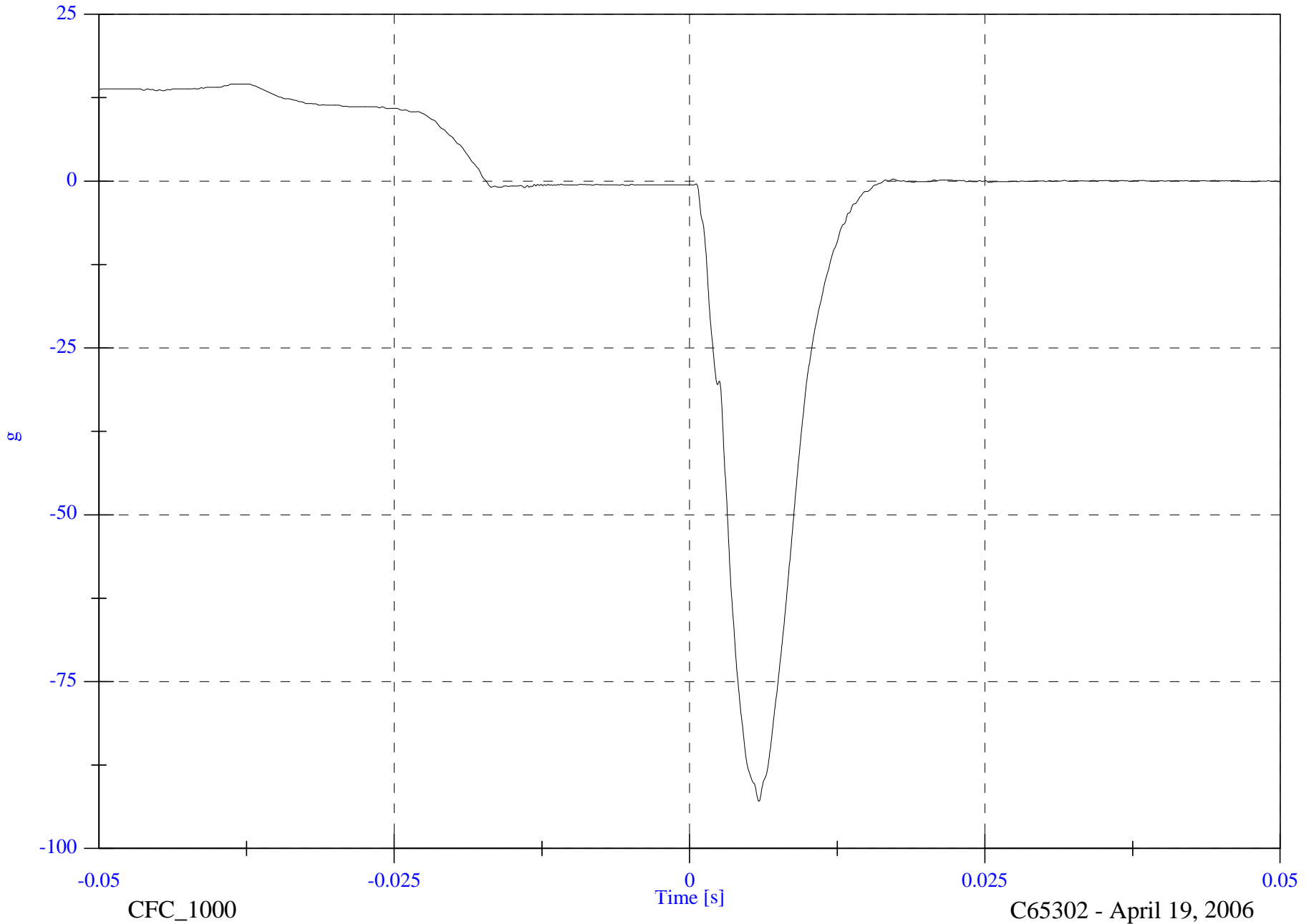
Headform X Acceleration

Max: 14.5 [g] at -0.039 [s]

Min: -92.9 [g] at 0.006 [s]

C65302 PASSENGER SIDE SR3F IMPACT PLOT#1

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

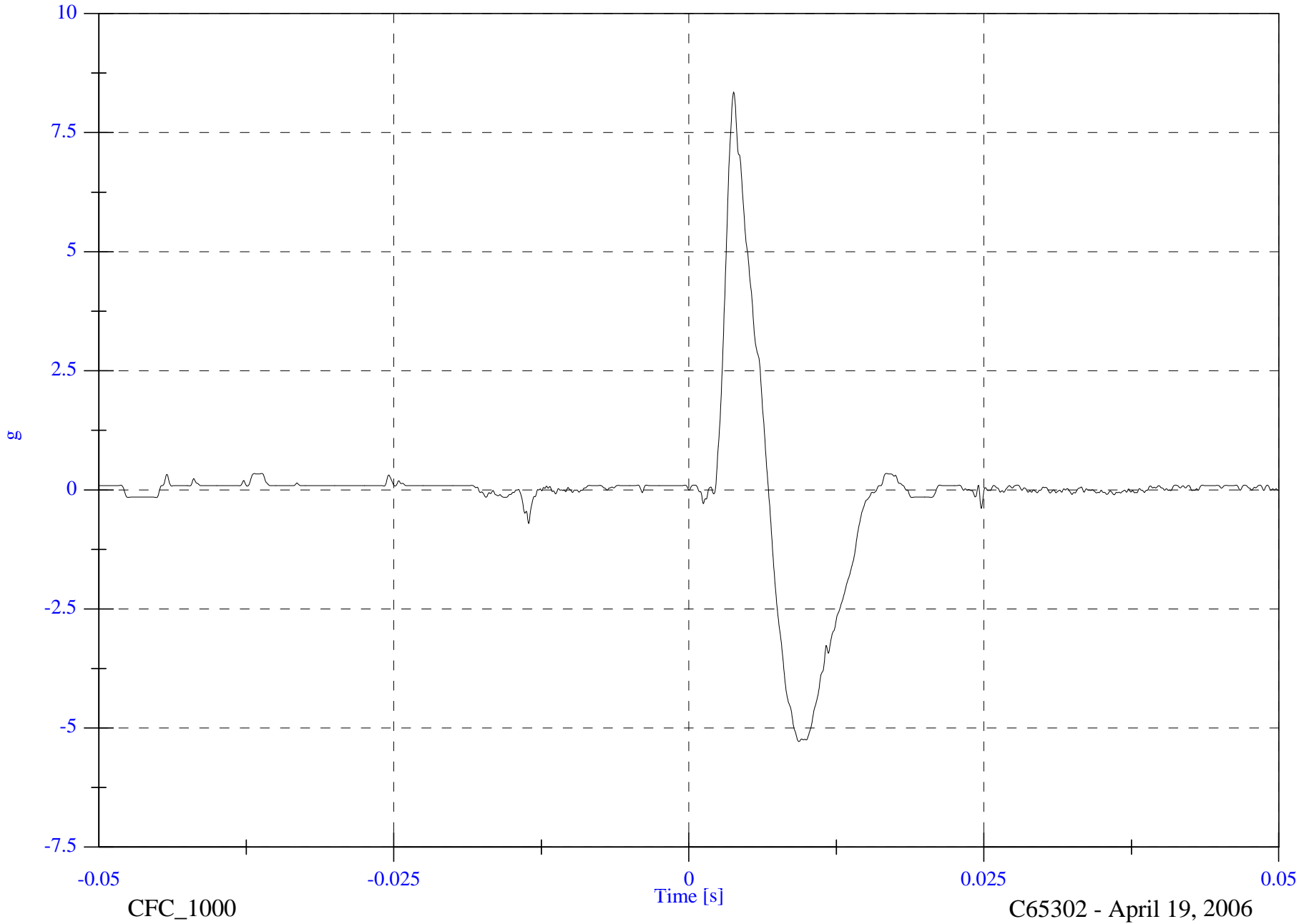
Headform Y Acceleration

Max: 8.4 [g] at 0.004 [s]

Min: -5.3 [g] at 0.009 [s]

C65302 PASSENGER SIDE SR3F IMPACT PLOT#2

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

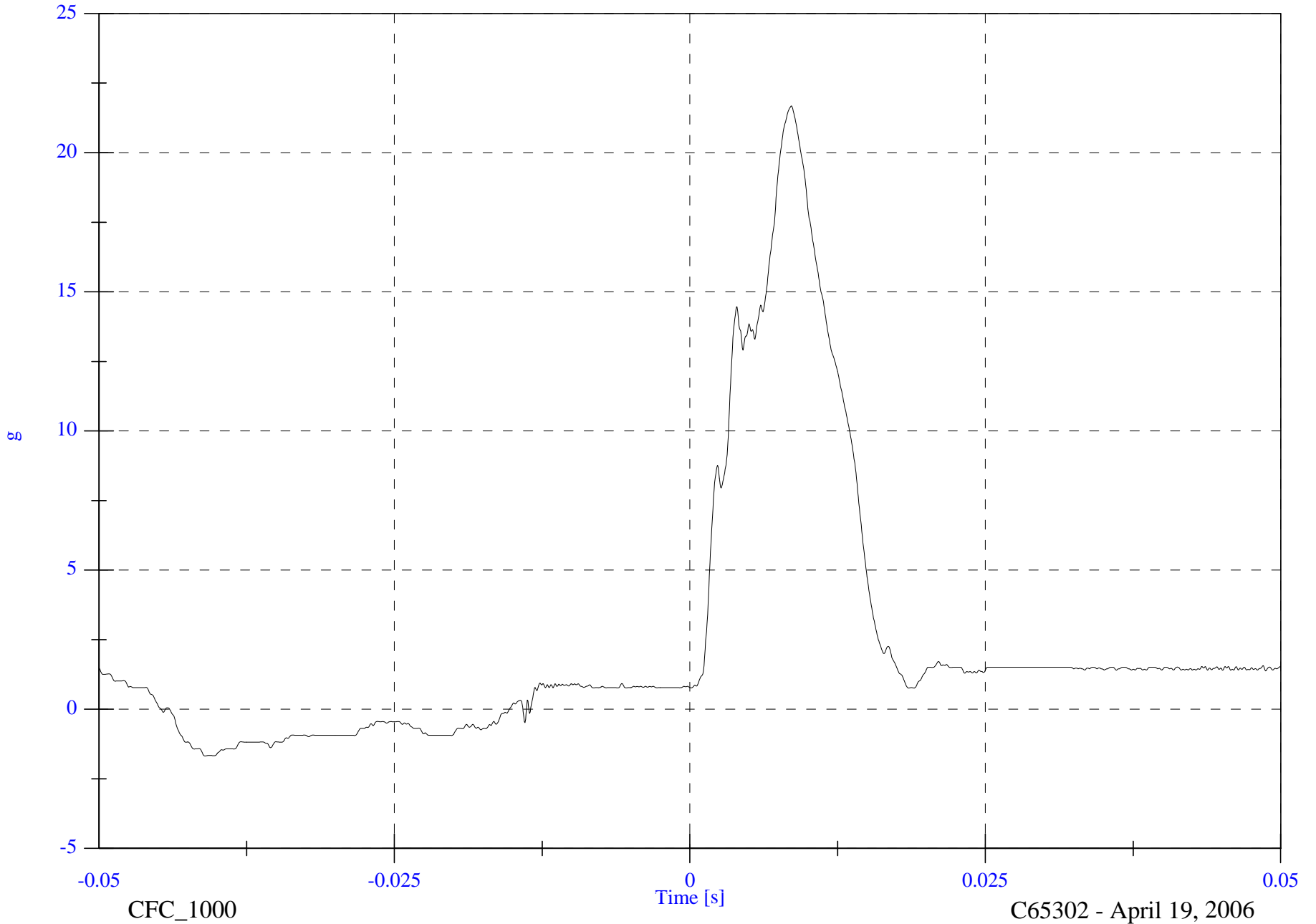
Headform Z Acceleration

Max: 21.7 [g] at 0.009 [s]

Min: -1.7 [g] at -0.041 [s]

C65302 PASSENGER SIDE SR3F IMPACT PLOT#3

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

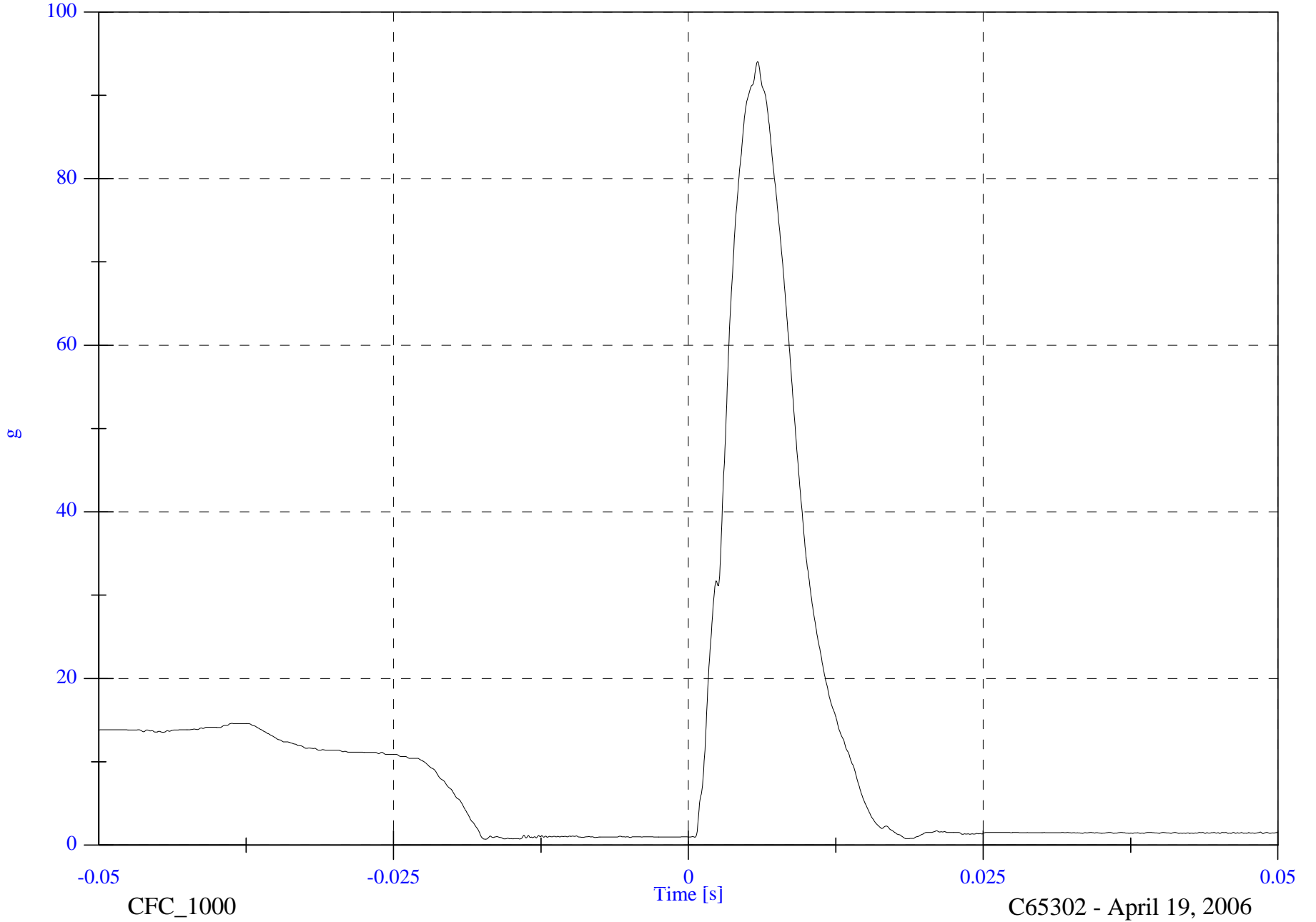
Headform Resultant

Max: 94.0 [g] at 0.006 [s]

Min: 0.7 [g] at -0.017 [s]

C65302 PASSENGER SIDE SR3F IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

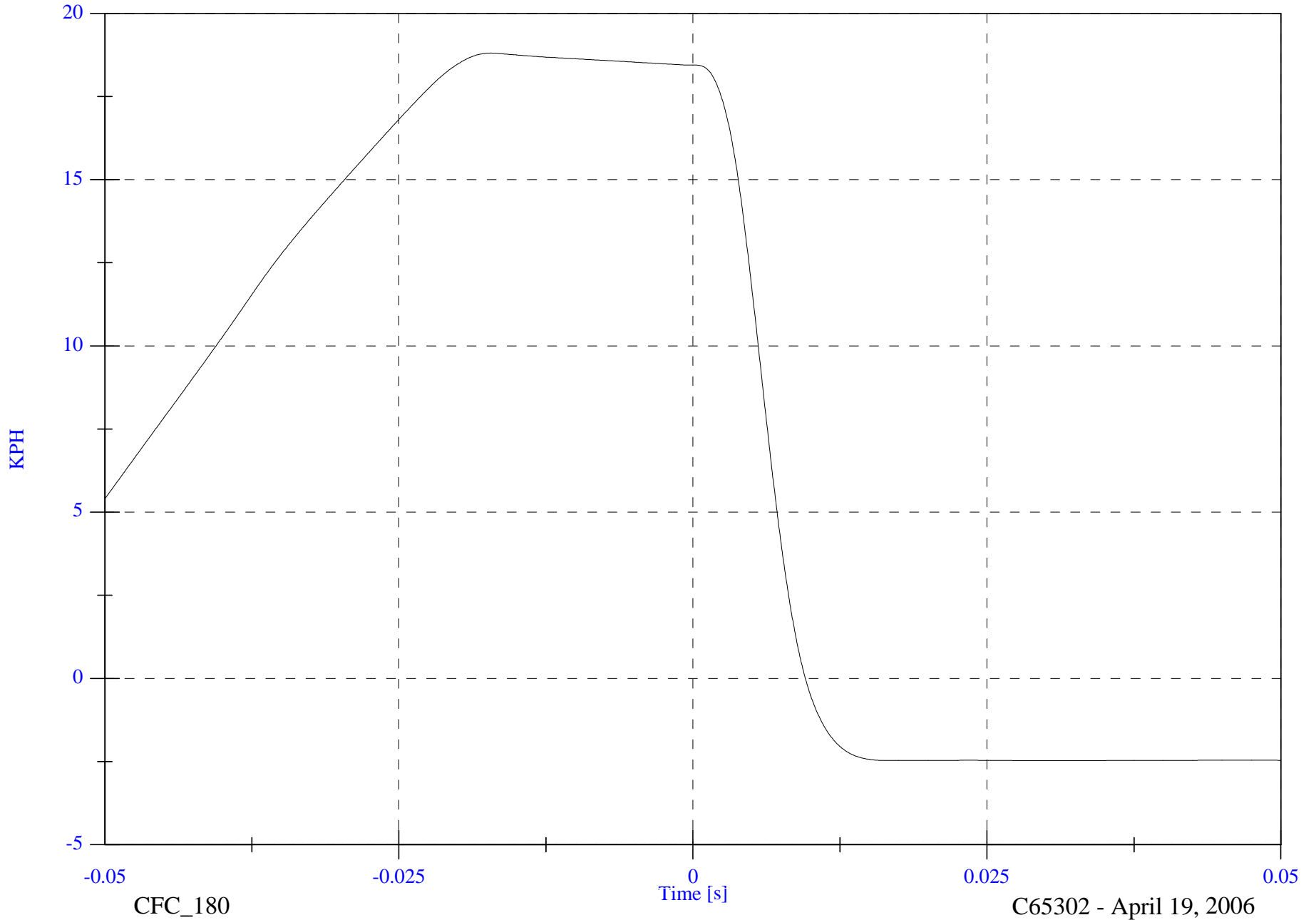
Headform Velocity

Max: 18.8 [KPH] at -0.017 [s]

Min: -2.5 [KPH] at 0.031 [s]

C65302 PASSENGER SIDE SR3F IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 19, 2006



PRE-IMPACT SR3

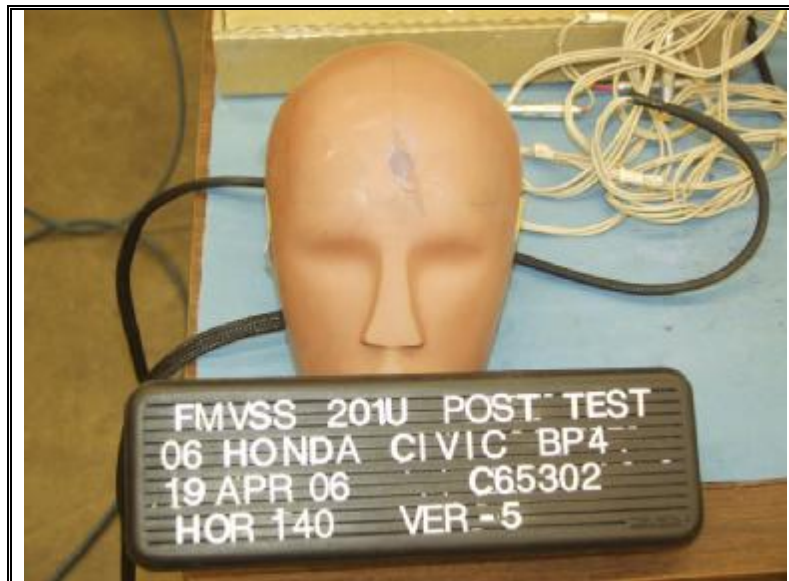


POST-IMPACT SR3

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06(SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	03
Test Date:	04/19/06
Target Location:	B-PILLAR
Target Code:	BP4
Horizontal Impact Angle:	140°
Vertical Impact Angle:	-5°
Ambient Temperature:	24.0°C
Relative Humidity:	31.2
Time of Impact:	11:37
Headform Number:	0642

Impact Point Description (from lower midpoint on midsagittal line)					
On Centerline	6	<input type="checkbox"/>	mm right	<input checked="" type="checkbox"/>	mm left
On Centerline	19				mm up



POST-IMPACT BP4 HEADFORM

Free Motion HIC	716.6
HIC(d)	707.0
Impact Velocity (kph)	23.67
HIC T1 (msec)	4.9
HIC T2 (msec)	11.1

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - BP4

FMH Headform 0642

Location: BP4

Test Date: April 19, 2006

Work File: BP4

-----TEST RESULTS-----

Lab Temperature: 24.0 C

HICd: 707.0

Lab Humidity: 31.2 %

HIC (36ms): 716.6

Velocity at Impact: 23.67 KPH

t1: 4.9 msec

t2: 11.1 msec

Free Flight Distance: 218.49 mm

Duration: 6.1 msec

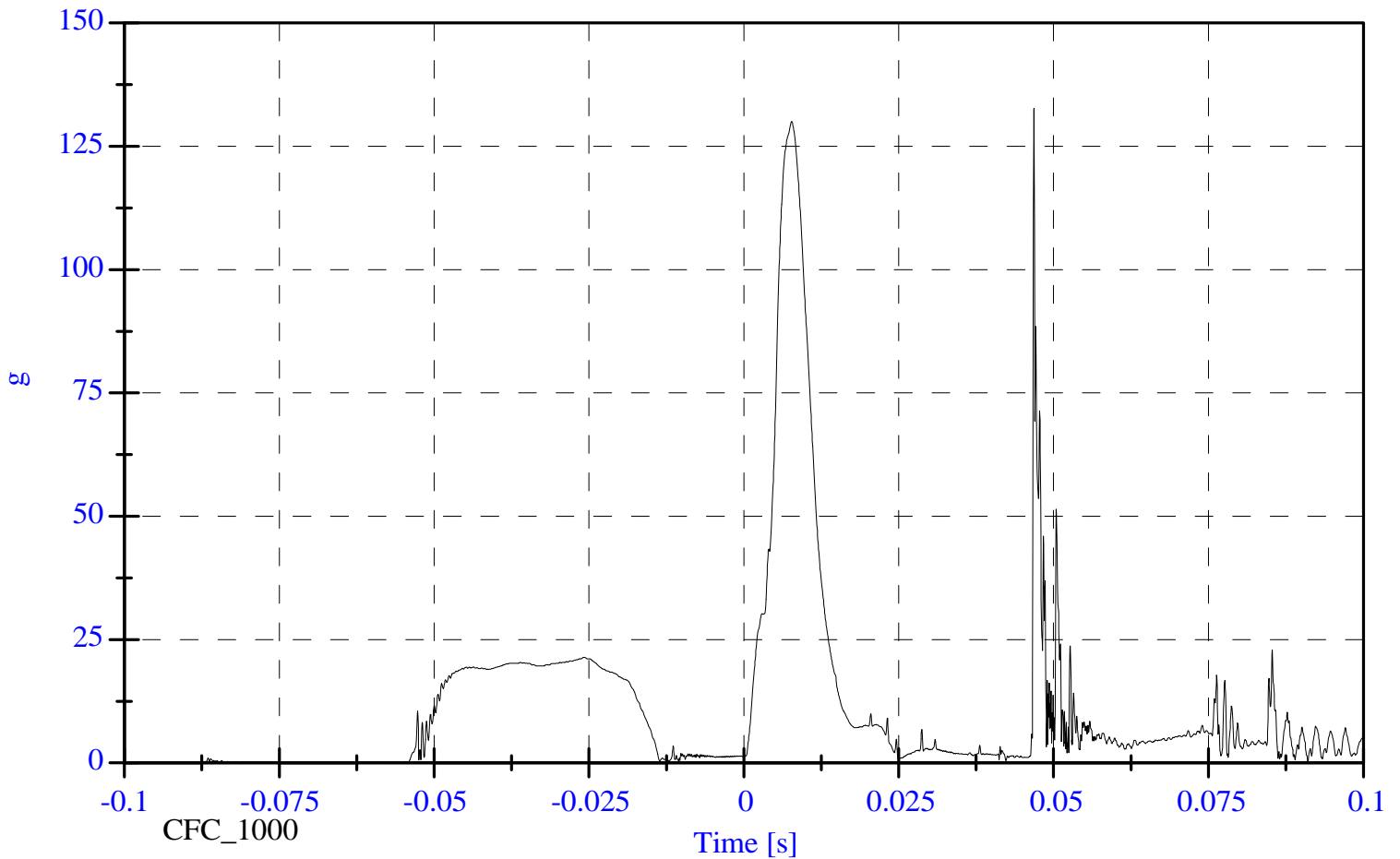
Maximum: 130.0 g

Average Acceleration: 10.8 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 130.0 [g] at 0.008 [s]

Min: 0.0 [g] at -0.073 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

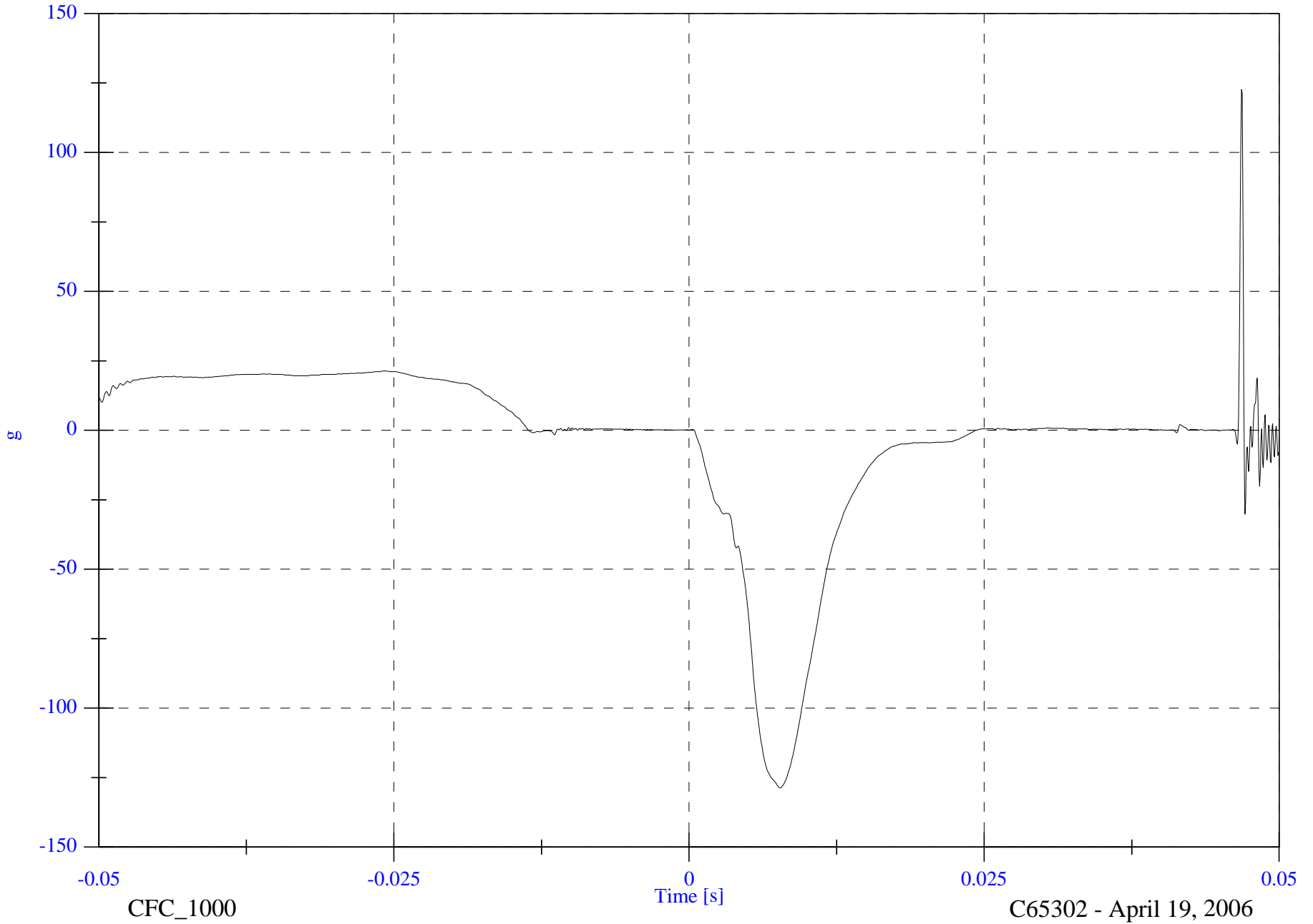
Headform X Acceleration

Max: 122.6 [g] at 0.047 [s]

Min: -128.7 [g] at 0.008 [s]

C65302 PASSENGER SIDE BP4 IMPACT PLOT#1

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

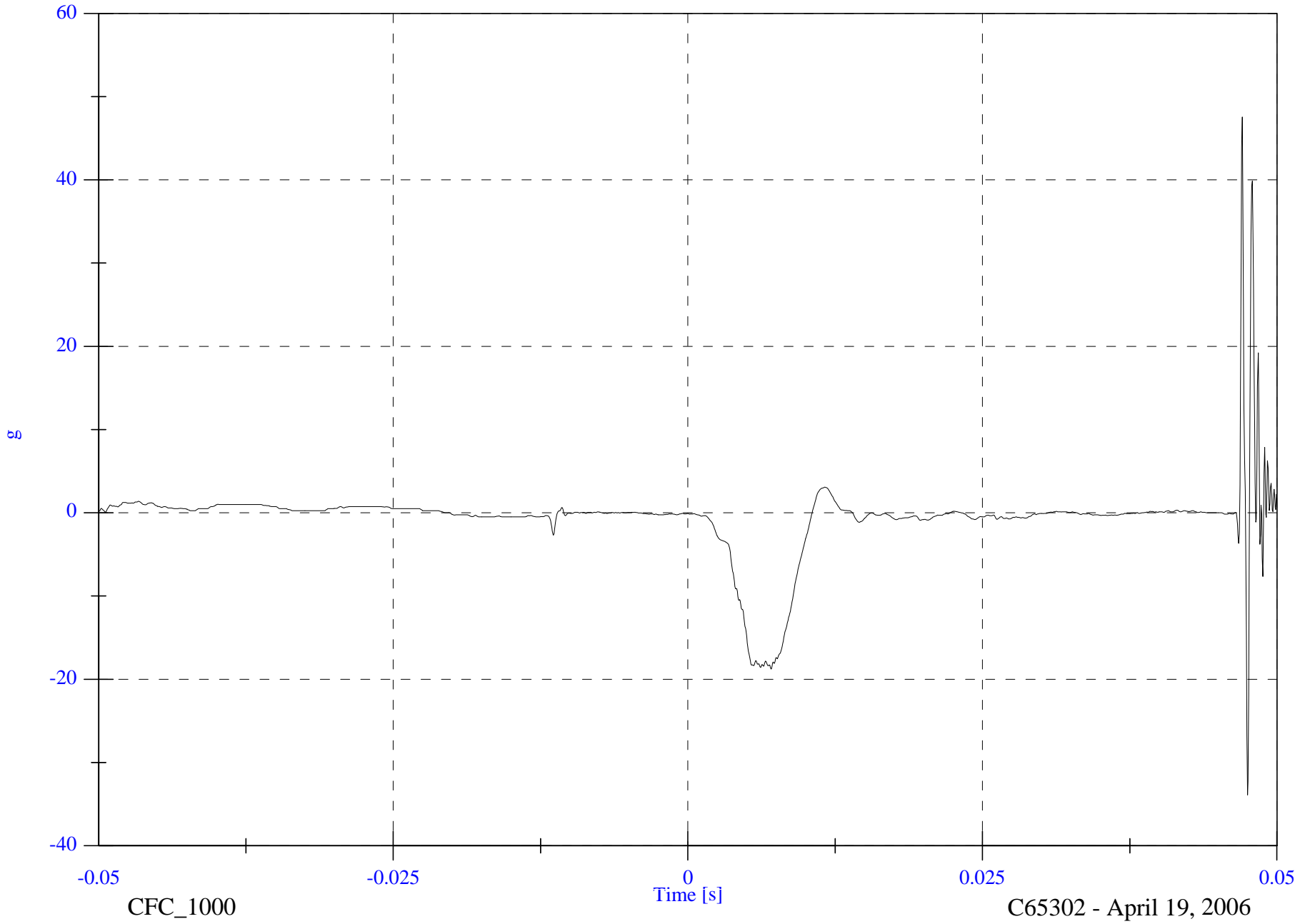
Headform Y Acceleration

Max: 47.5 [g] at 0.047 [s]

Min: -33.9 [g] at 0.048 [s]

C65302 PASSENGER SIDE BP4 IMPACT PLOT#2

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

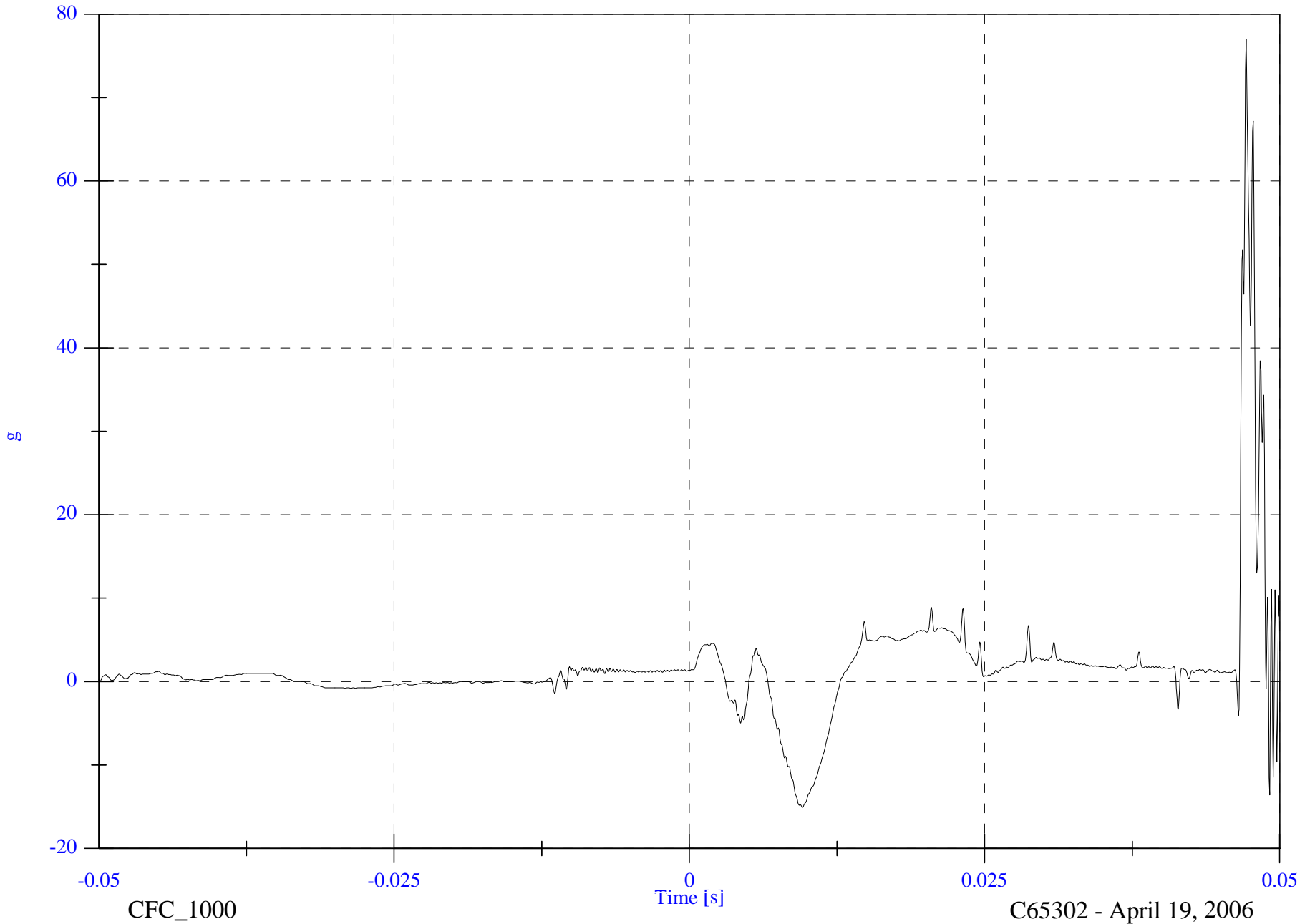
Headform Z Acceleration

Max: 77.0 [g] at 0.047 [s]

Min: -15.1 [g] at 0.010 [s]

C65302 PASSENGER SIDE BP4 IMPACT PLOT#3

8754+FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

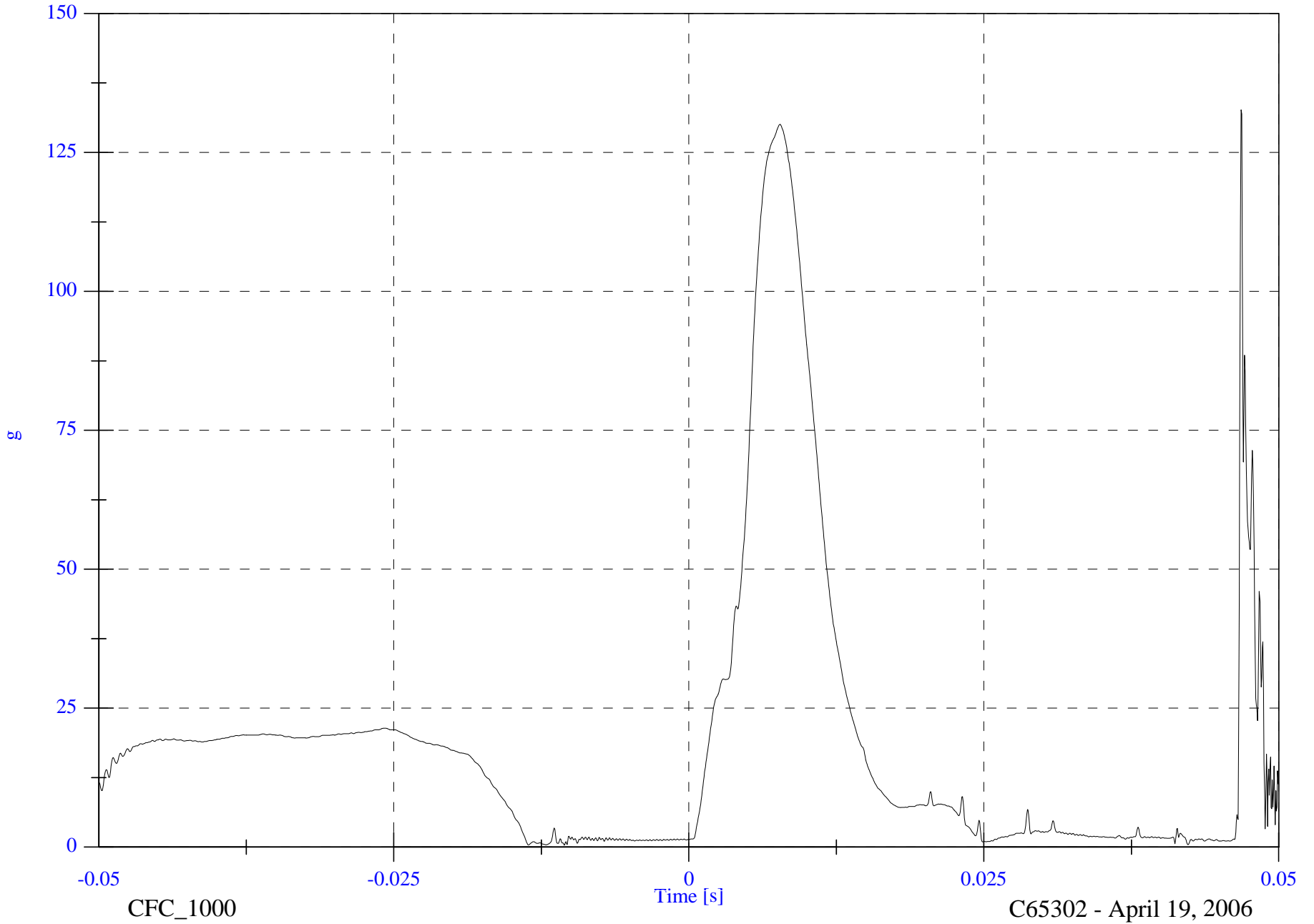
Headform Resultant

Max: 132.7 [g] at 0.047 [s]

Min: 0.4 [g] at -0.011 [s]

C65302 PASSENGER SIDE BP4 IMPACT PLOT#4

8754+FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

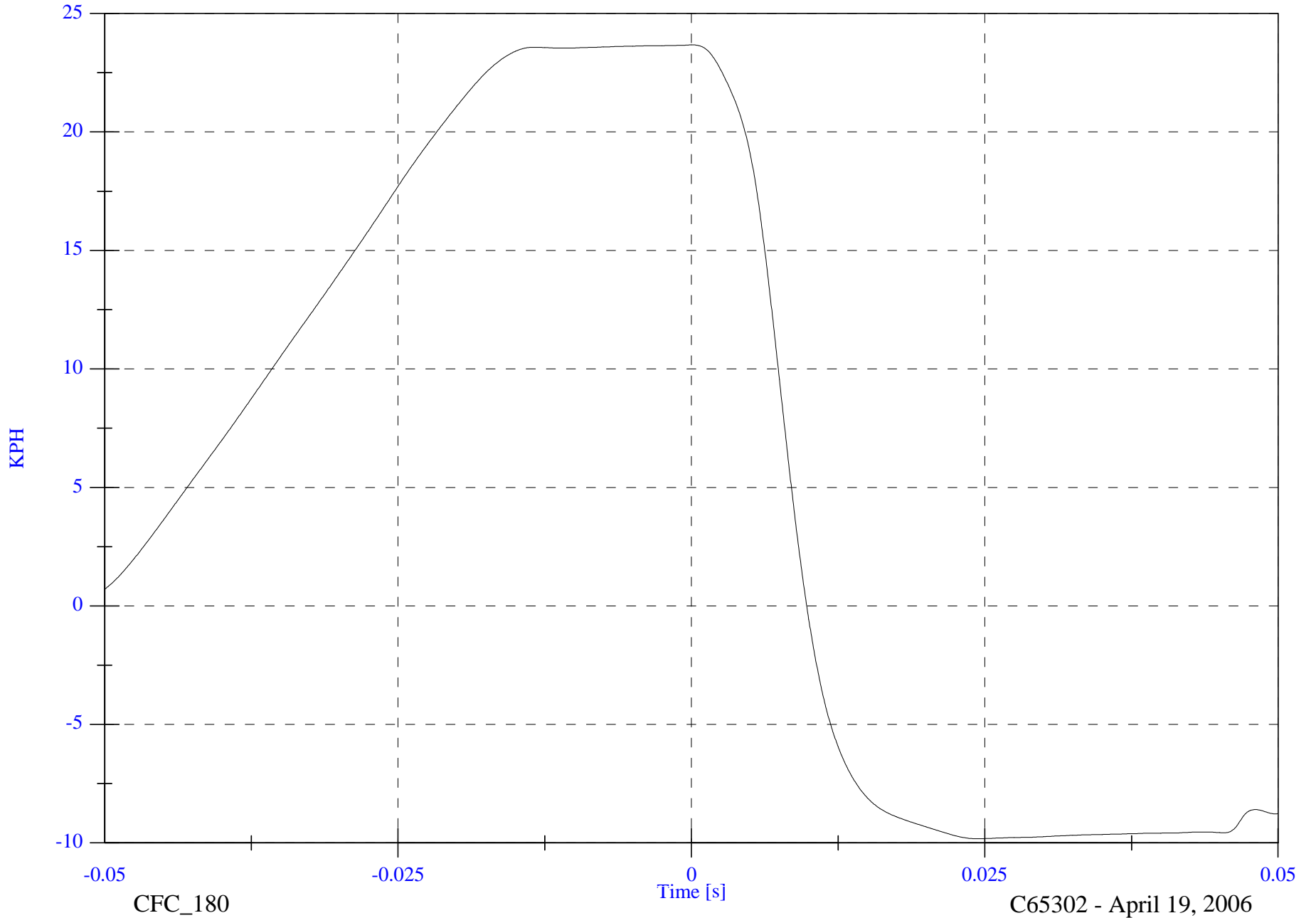
Headform Velocity

Max: 23.7 [KPH] at 0.000 [s]

Min: -9.8 [KPH] at 0.024 [s]

C65302 PASSENGER SIDE BP4 IMPACT PLOT#5

8754-FMH-11



CFC_180

C65302 - April 19, 2006



PRE-IMPACT BP4



POST-IMPACT BP4

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	04
Test Date:	04/19/06
Target Location:	B-PILLAR
Target Code:	BP2
Horizontal Impact Angle:	90°
Vertical Impact Angle:	10°
Ambient Temperature:	24.0°C
Relative Humidity:	28.9
Time of Impact:	13:17
Headform Number:	0805

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	0	<input type="checkbox"/>	mm right <input type="checkbox"/> mm left
On Centerline	7		mm up



POST-IMPACT BP2 HEADFORM

Free Motion HIC	665.7
HIC(d)	668.6
Impact Velocity (kph)	23.4
HIC T1 (msec)	2.2
HIC T2 (msec)	10.1

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - BP2

FMH Headform 0805

Location: BP2

Test Date: April 19, 2006

Work File: BP2

-----TEST RESULTS-----

Lab Temperature: 24.0 C

HICd: 668.6

Lab Humidity: 28.9 %

HIC (36ms): 665.7

Velocity at Impact: 23.40 KPH

t1: 2.2 msec

t2: 10.0 msec

Free Flight Distance: 218.73 mm

Duration: 7.8 msec

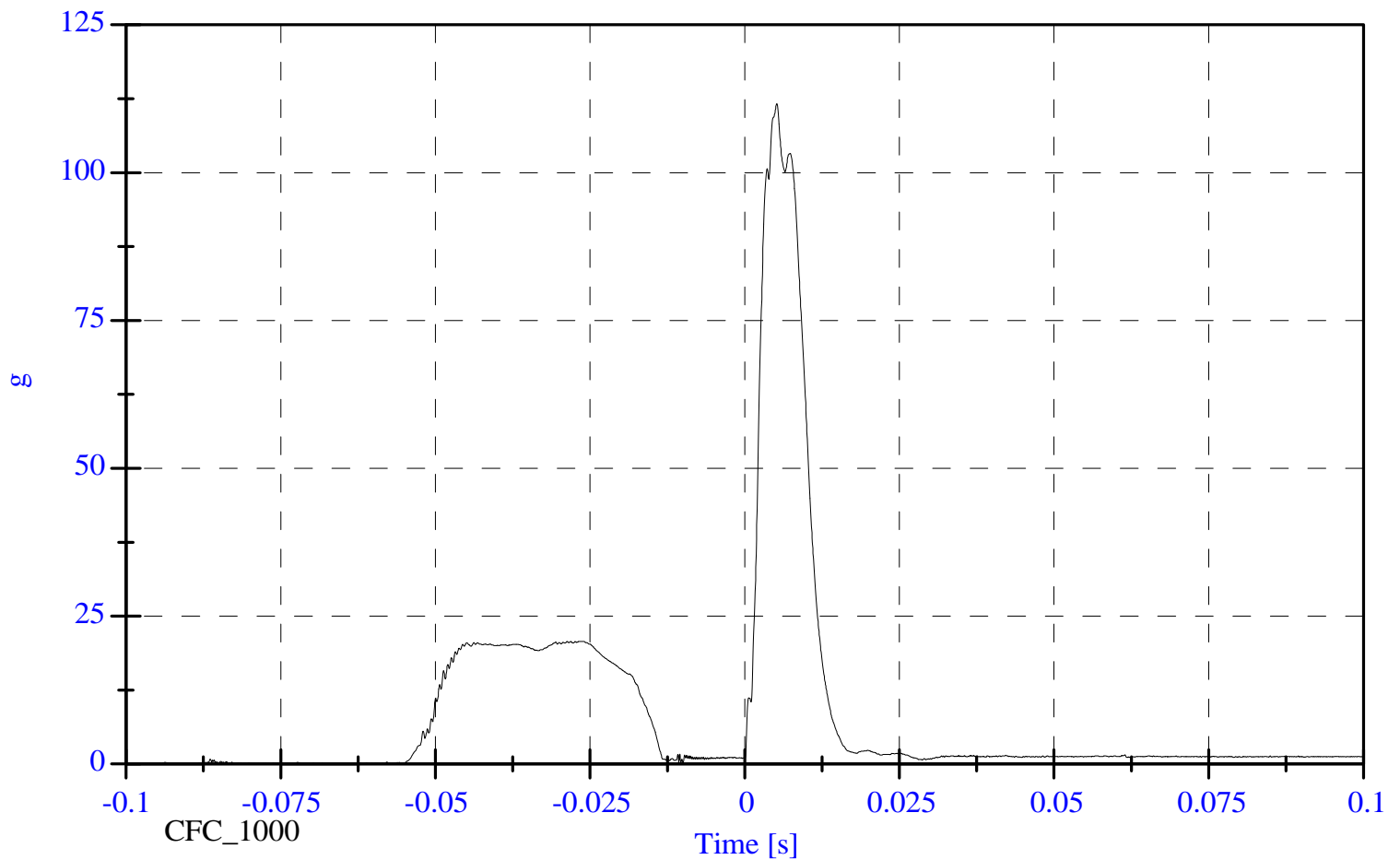
Maximum: 111.7 g

Average Acceleration: 8.4 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 111.7 [g] at 0.005 [s]

Min: 0.0 [g] at -0.092 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

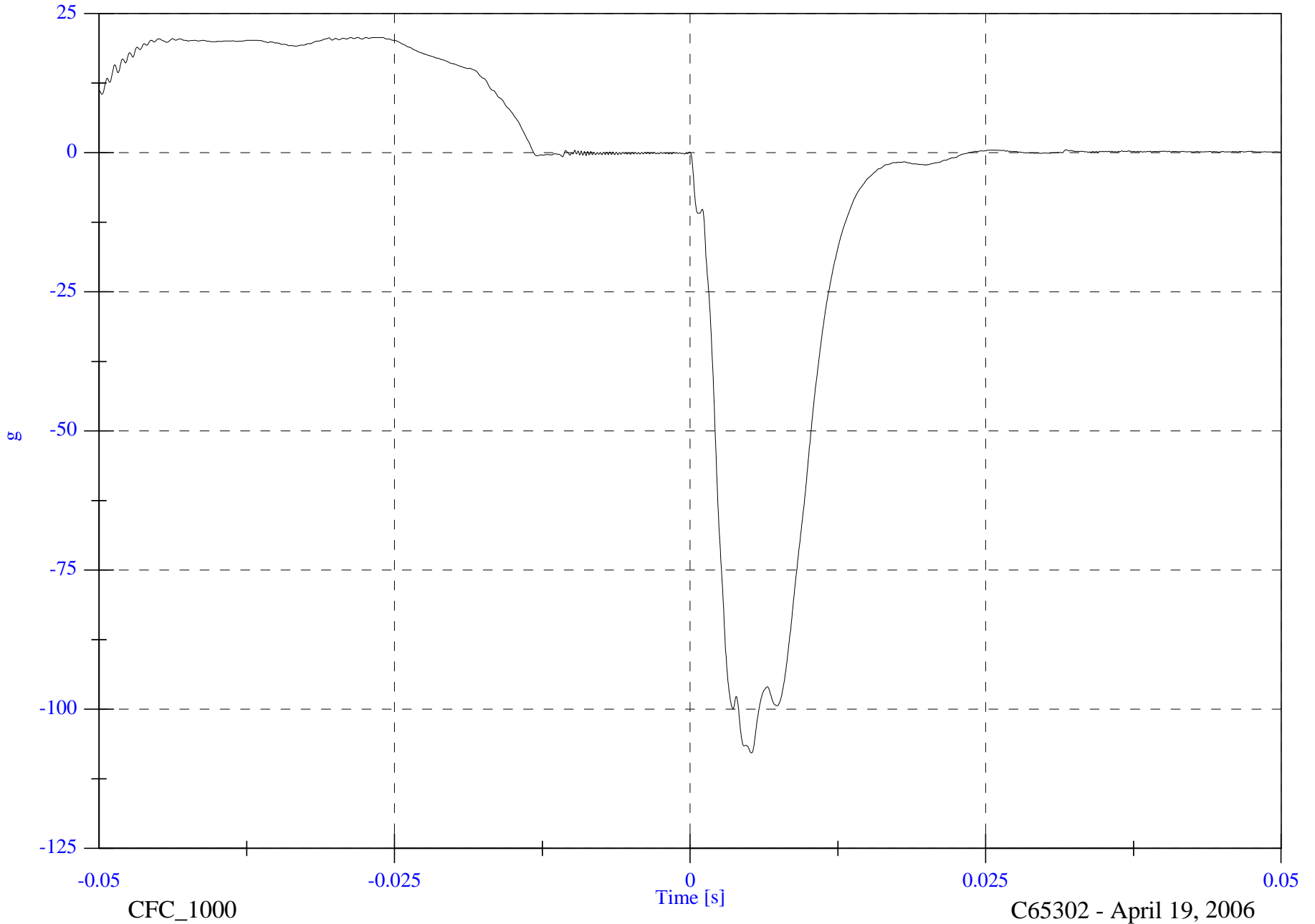
Headform X Acceleration

Max: 20.7 [g] at -0.028 [s]

Min: -107.9 [g] at 0.005 [s]

C65302 PASSENGER SIDE BP2 IMPACT PLOT#1

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

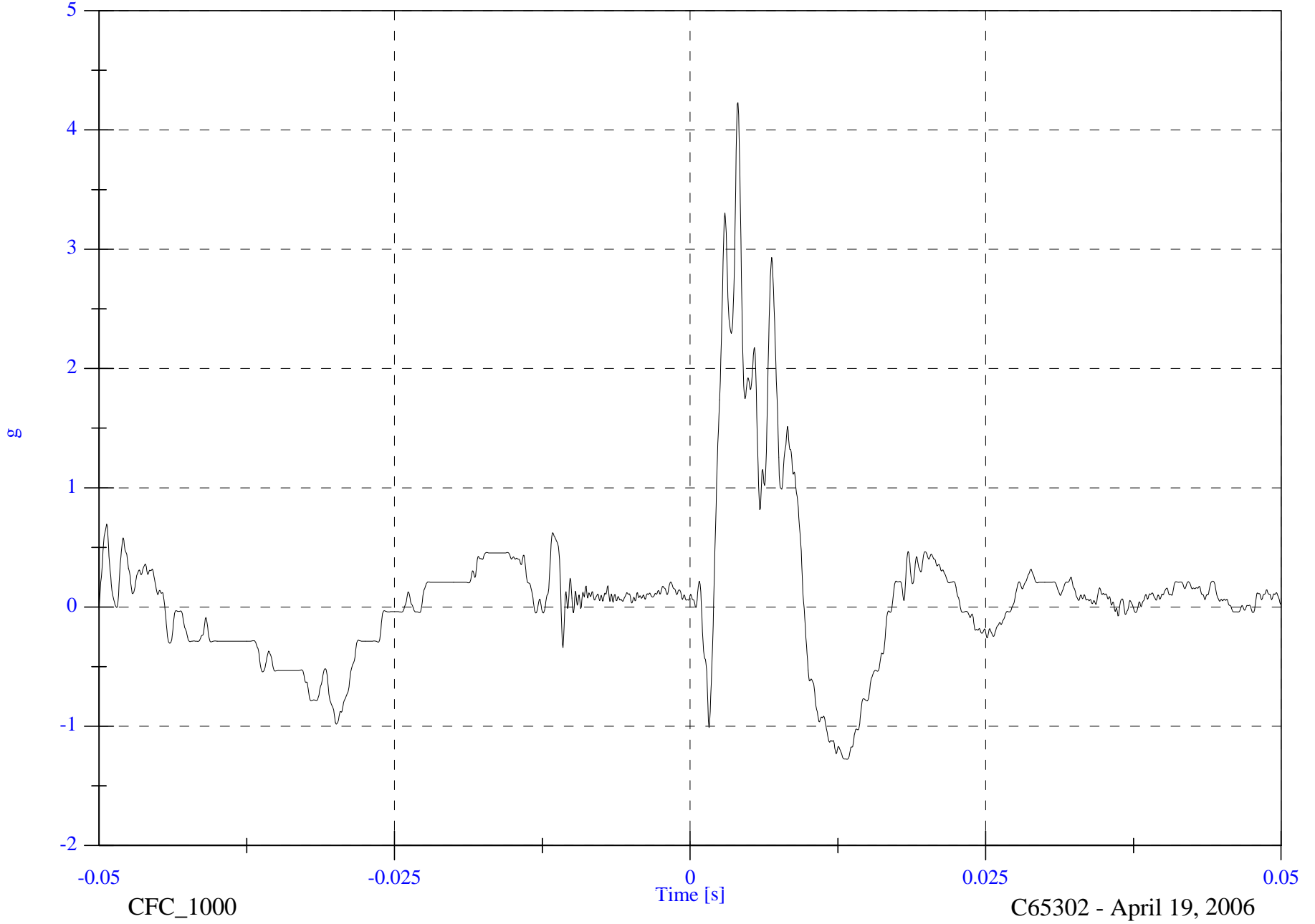
Headform Y Acceleration

Max: 4.2 [g] at 0.004 [s]

Min: -1.3 [g] at 0.013 [s]

C65302 PASSENGER SIDE BP2 IMPACT PLOT#2

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

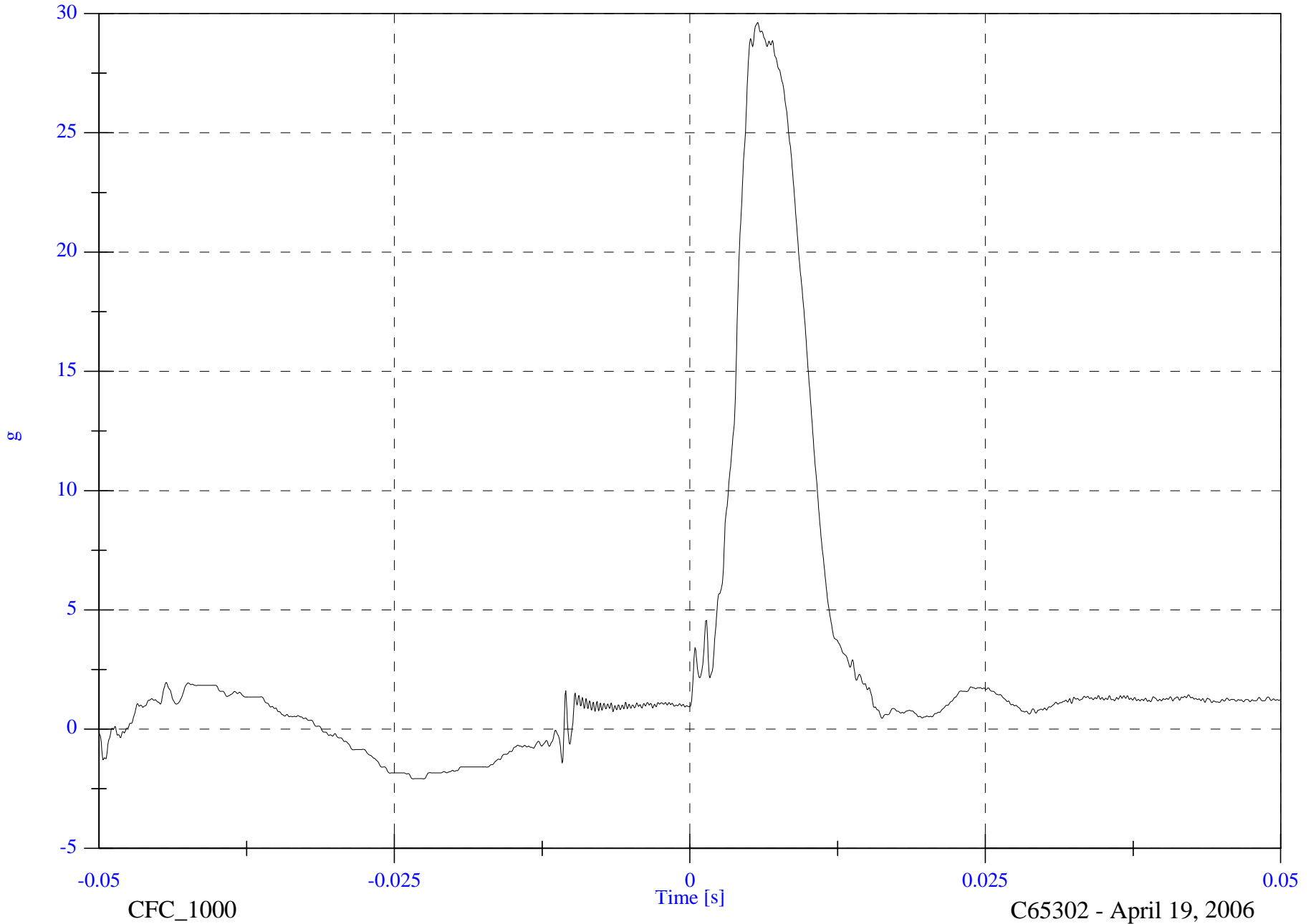
Headform Z Acceleration

Max: 29.6 [g] at 0.006 [s]

Min: -2.1 [g] at -0.023 [s]

C65302 PASSENGER SIDE BP2 IMPACT PLOT#3

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

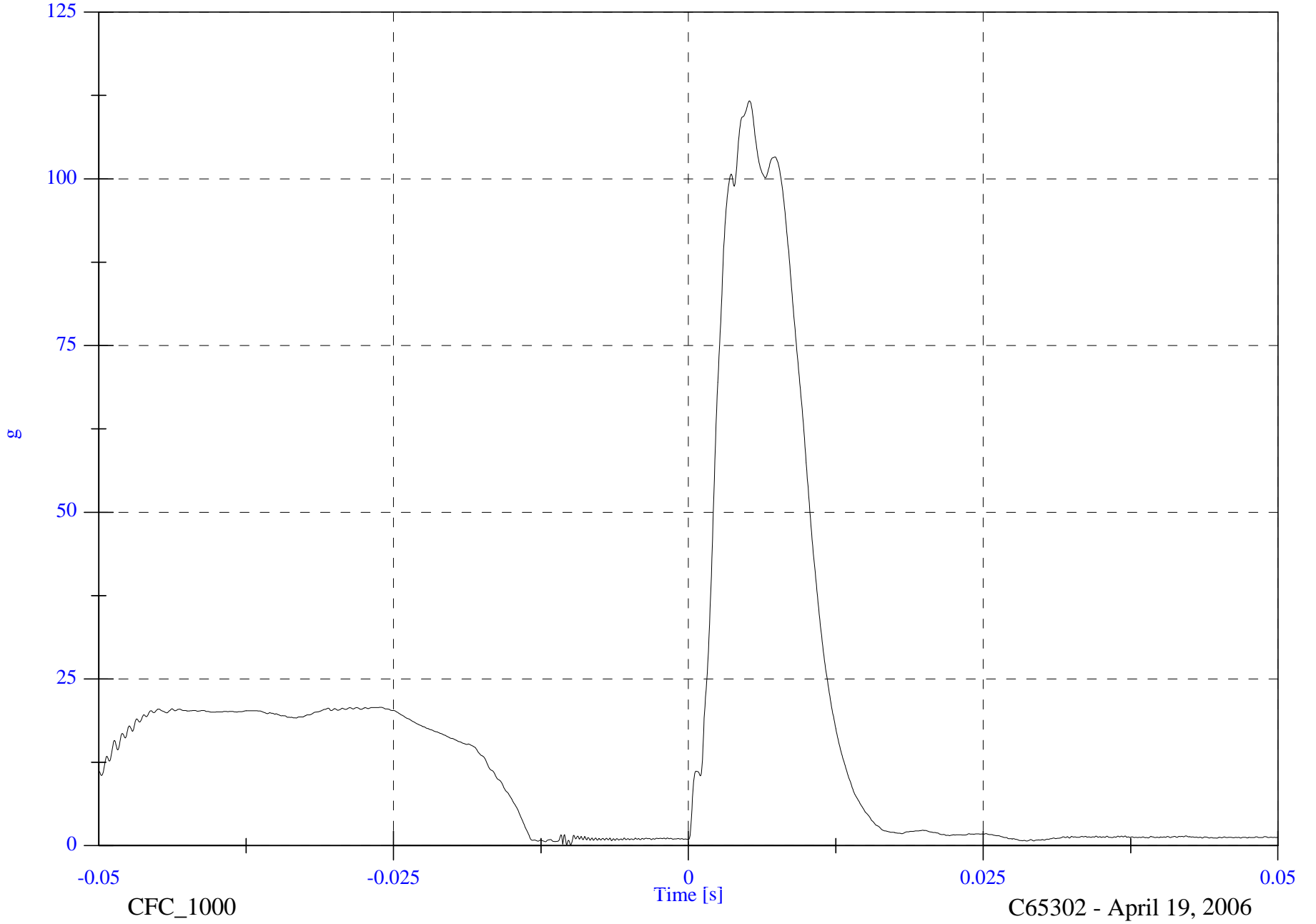
Headform Resultant

Max: 111.7 [g] at 0.005 [s]

Min: 0.1 [g] at -0.010 [s]

C65302 PASSENGER SIDE BP2 IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

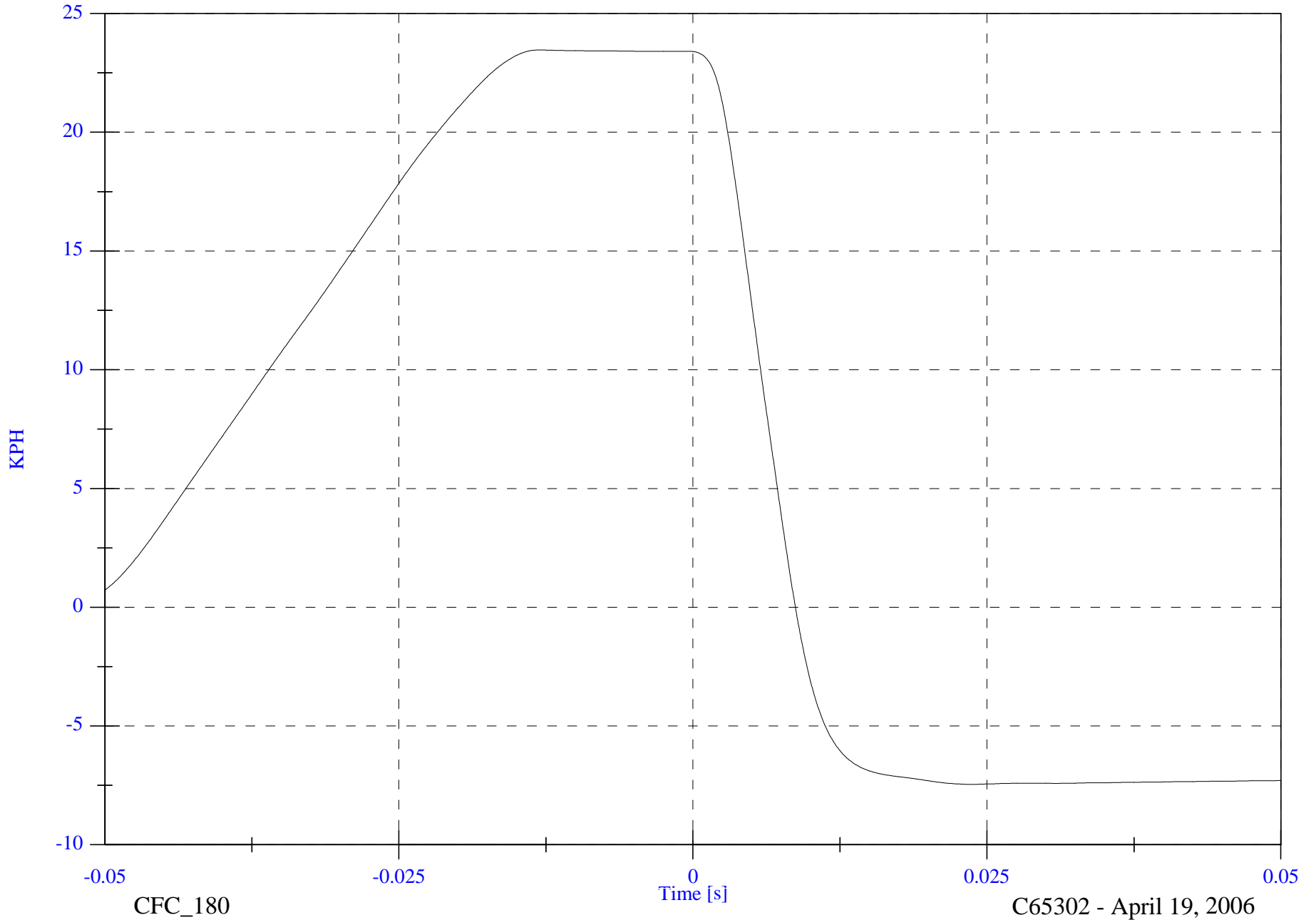
Headform Velocity

Max: 23.5 [KPH] at -0.013 [s]

Min: -7.5 [KPH] at 0.024 [s]

C65302 PASSENGER SIDE BP2 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 19, 2006



PRE-IMPACT BP2

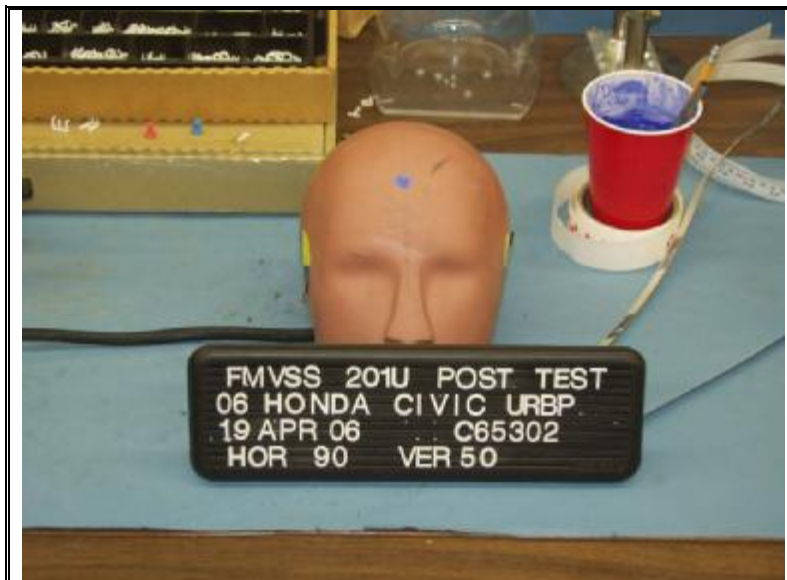


POST-IMPACT BP2

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	05
Test Date:	04/19/06
Target Location:	UPPER ROOF
Target Code:	URBP Passenger
Horizontal Impact Angle:	90°
Vertical Impact Angle:	50°
Ambient Temperature:	24.3°C
Relative Humidity:	29.2
Time of Impact:	13:40
Headform Number:	1255

Impact Point Description (from lower midpoint on midsagittal line)					
On Centerline	2	<input checked="" type="checkbox"/>	mm right	<input type="checkbox"/>	mm left
On Centerline	36				mm up



POST-IMPACT URBP Passenger HEADFORM

Free Motion HIC	1072.2
HIC(d)	975.4
Impact Velocity (kph)	23.76
HIC T1 (msec)	3.9
HIC T2 (msec)	8.9

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - URBP

FMH Headform 1255

Location: URBP

Test Date: April 19, 2006

Work File: URBP

-----TEST RESULTS-----

Lab Temperature: 24.3 C

HICd: 975.4

Lab Humidity: 29.2 %

HIC (36ms): 1072.2

Velocity at Impact: 23.76 KPH

t1: 3.9 msec

t2: 8.9 msec

Free Flight Distance: 220.89 mm

Duration: 5.0 msec

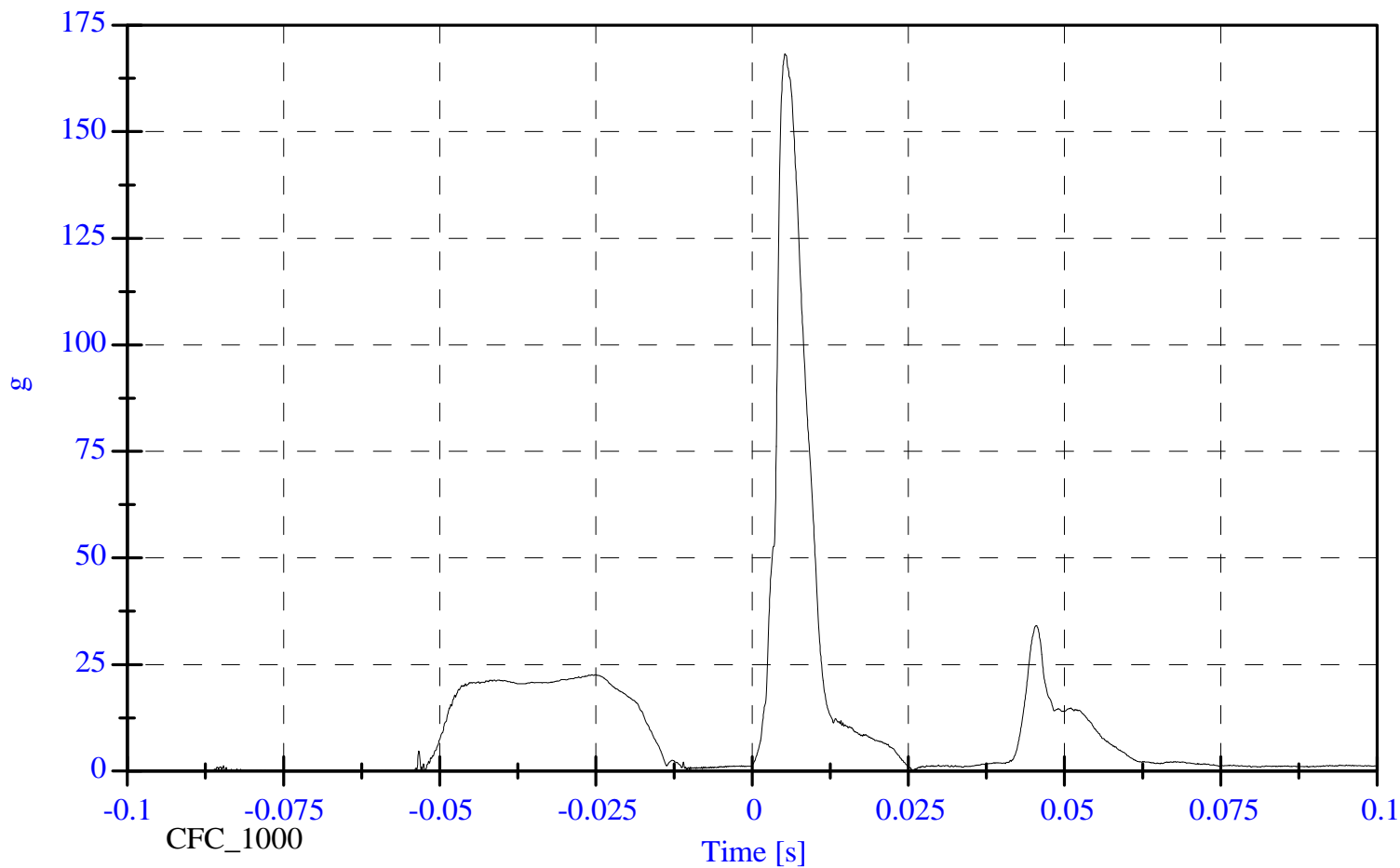
Maximum: 168.3 g

Average Acceleration: 10.3 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 168.3 [g] at 0.005 [s]

Min: 0.0 [g] at -0.064 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

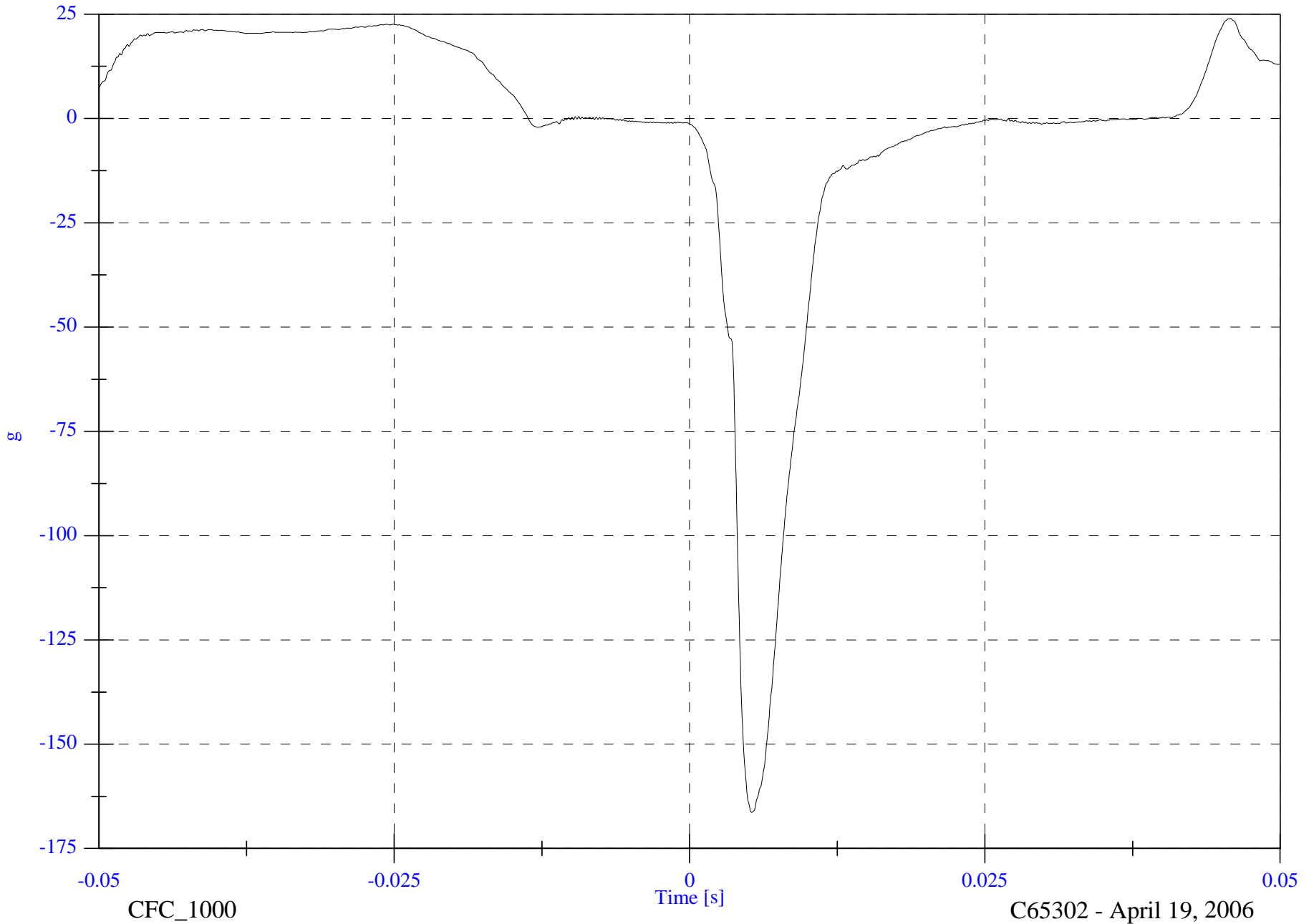
Headform X Acceleration

Max: 24.0 [g] at 0.046 [s]

Min: -166.4 [g] at 0.005 [s]

C65302 PASSENGER SIDE URBP IMPACT PLOT#1

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

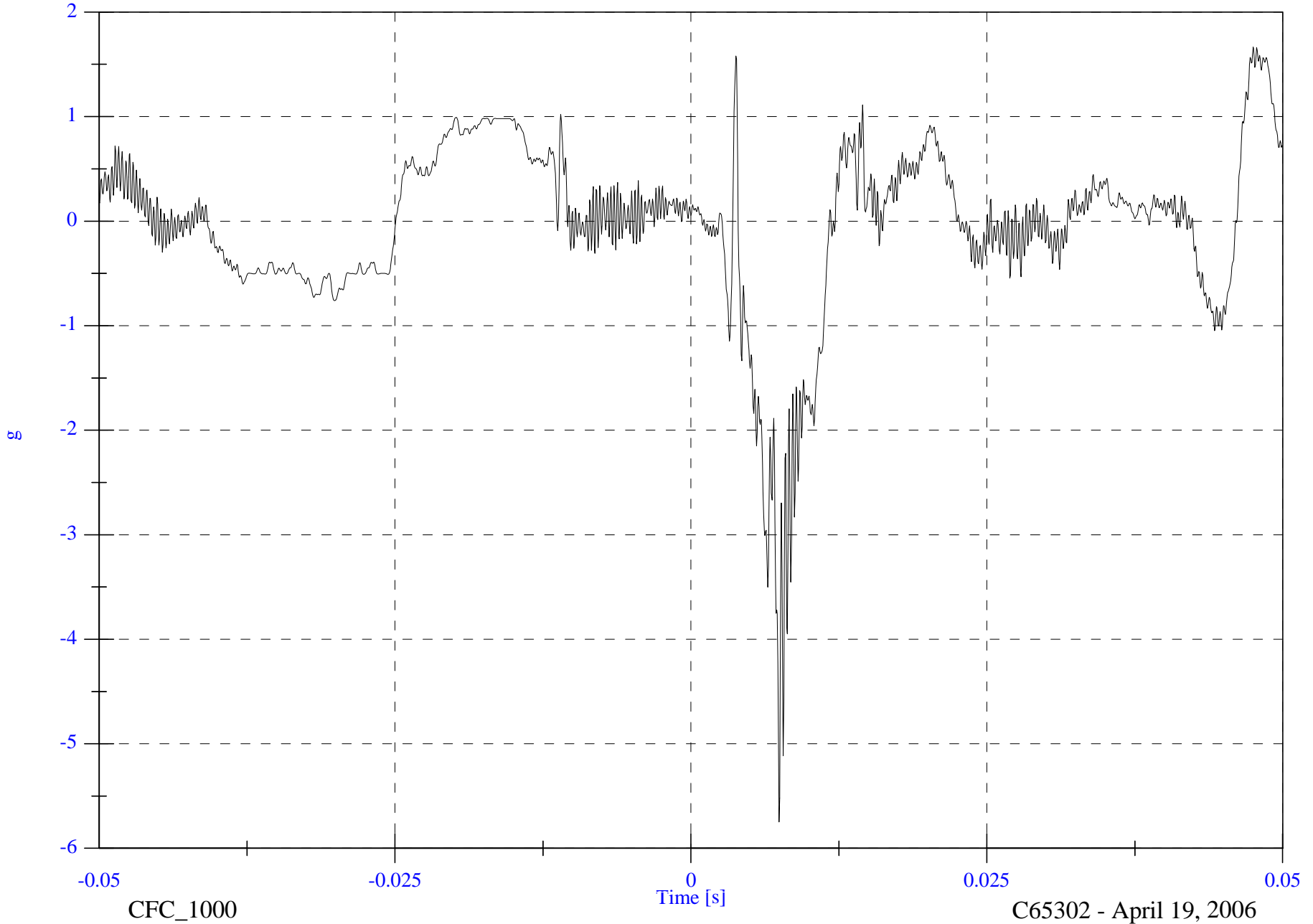
Headform Y Acceleration

Max: 1.7 [g] at 0.047 [s]

Min: -5.7 [g] at 0.007 [s]

C65302 PASSENGER SIDE URBP IMPACT PLOT#2

8754-FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

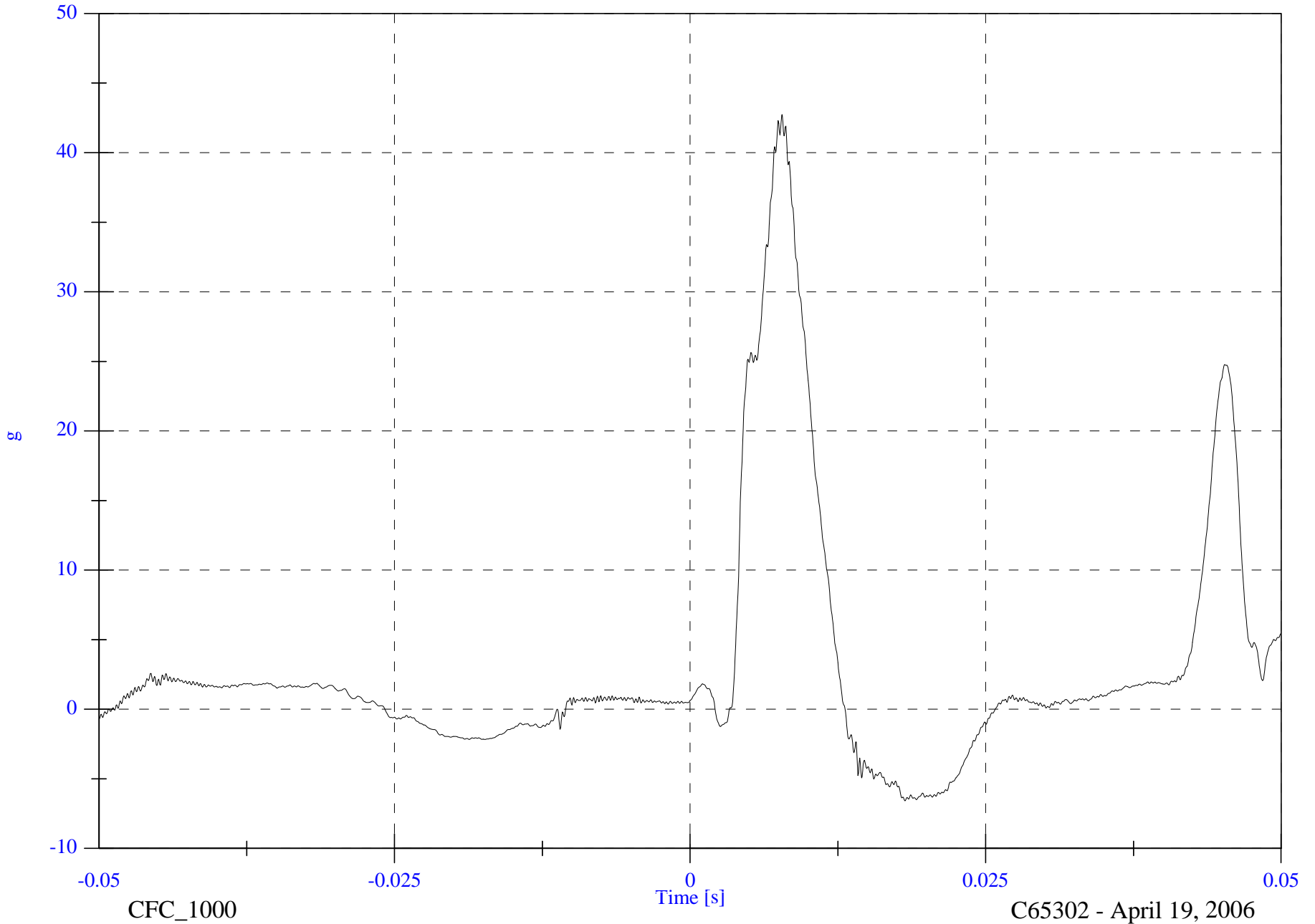
Headform Z Acceleration

Max: 42.7 [g] at 0.008 [s]

Min: -6.6 [g] at 0.018 [s]

C65302 PASSENGER SIDE URBP IMPACT PLOT#3

8754-FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

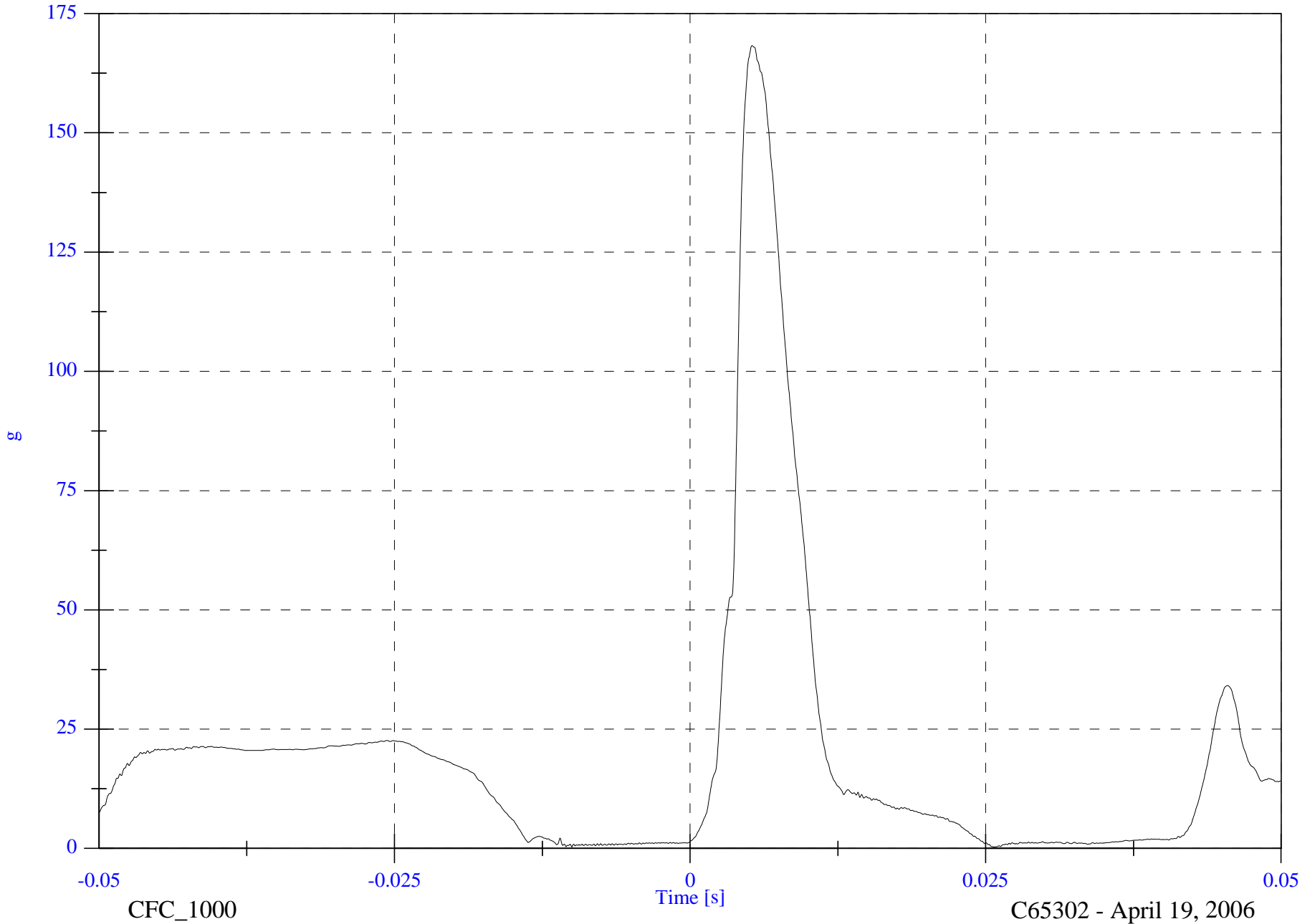
Headform Resultant

Max: 168.3 [g] at 0.005 [s]

Min: 0.3 [g] at 0.026 [s]

C65302 PASSENGER SIDE URBP IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

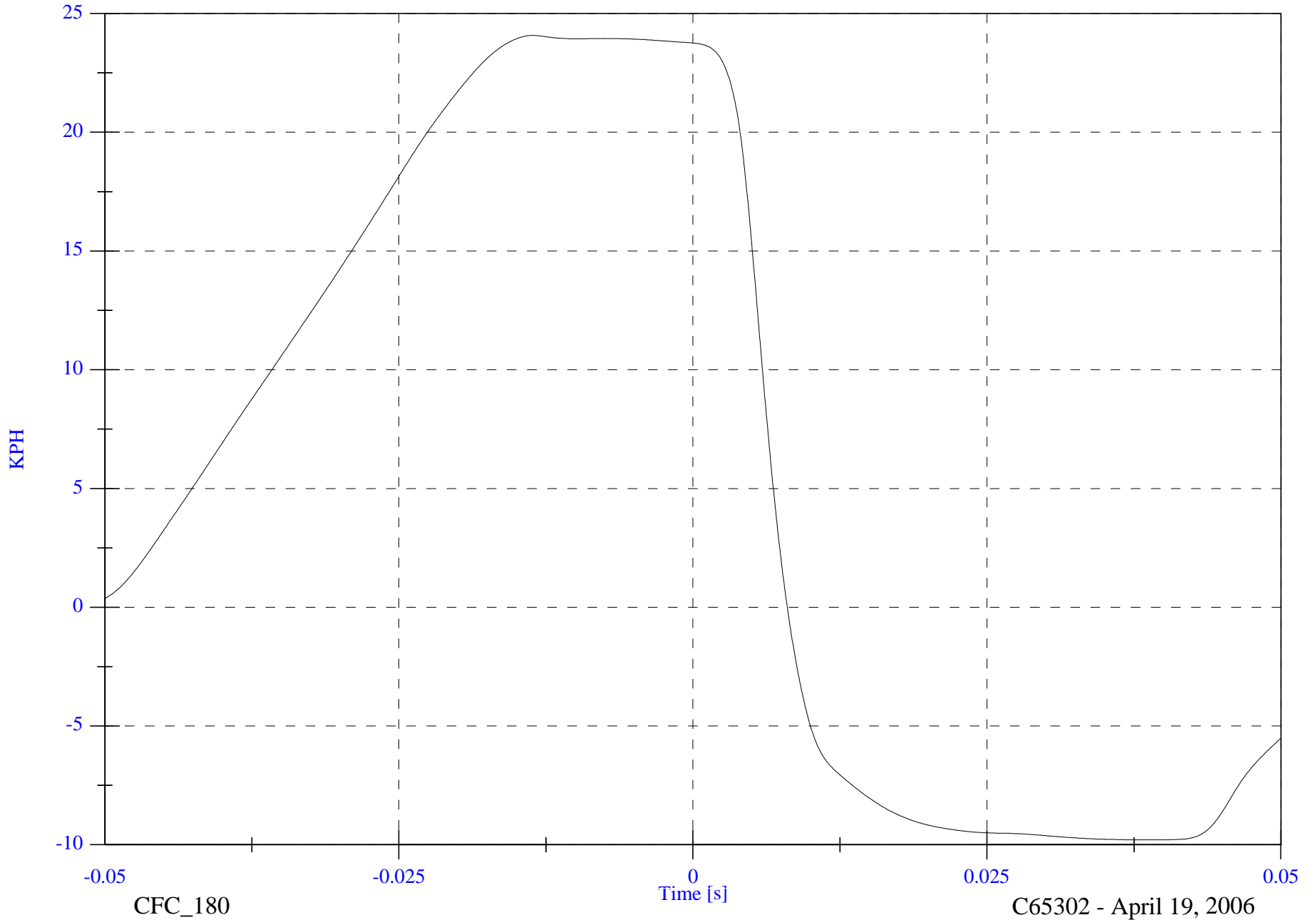
Headform Velocity

Max: 24.1 [KPH] at -0.014 [s]

Min: -9.8 [KPH] at 0.039 [s]

C65302 PASSENGER SIDE URBP IMPACT PLOT#5

8754-FMH-11

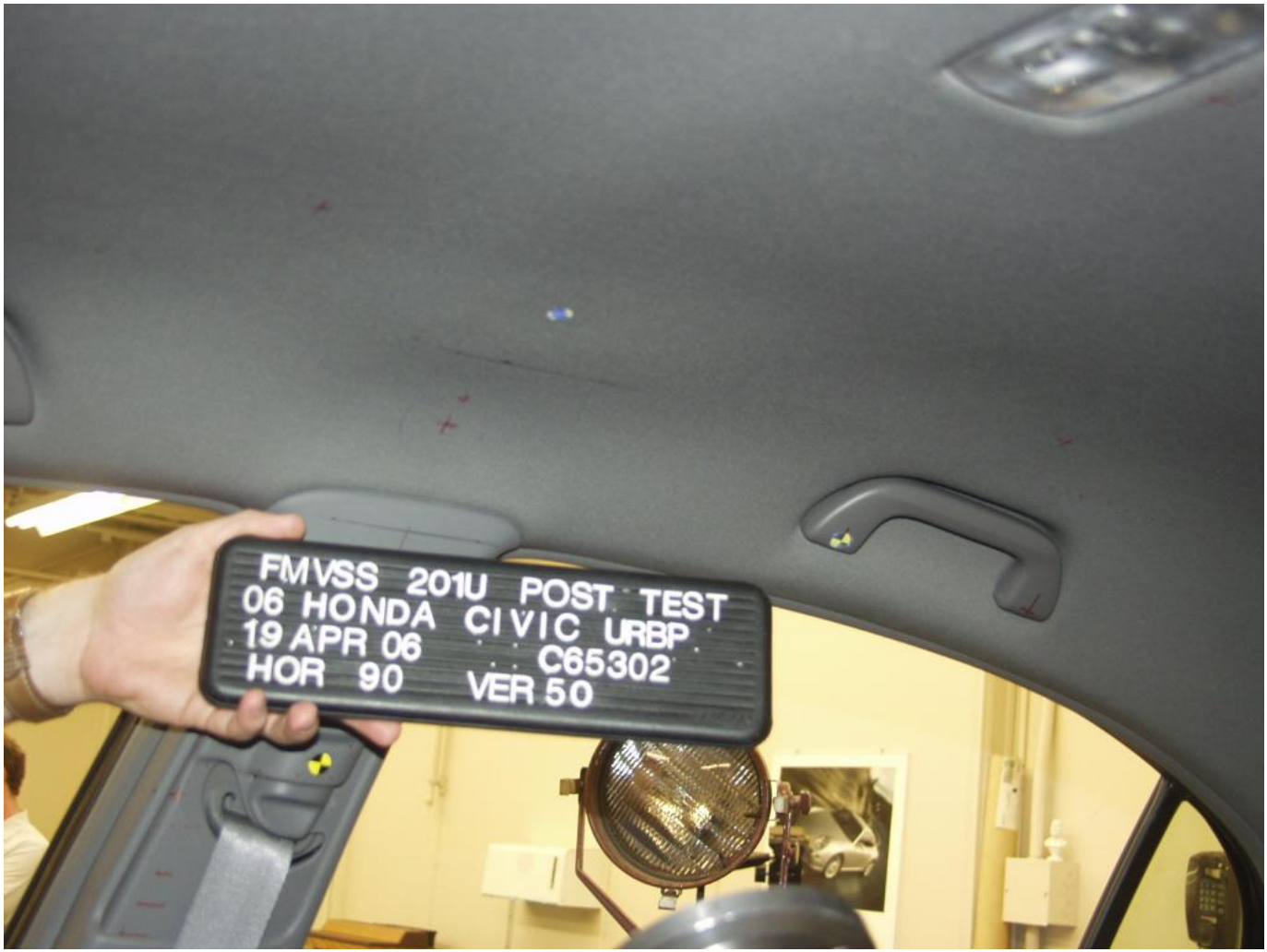


CFC_180

C65302 - April 19, 2006



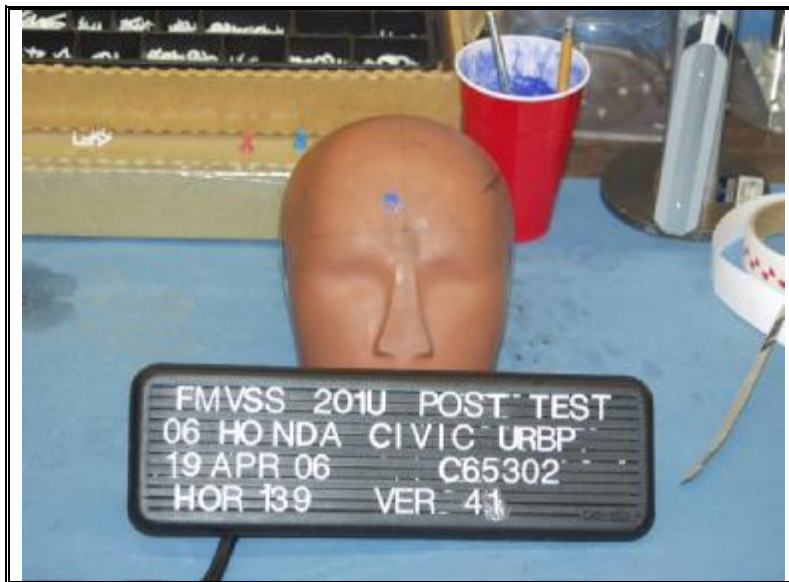
PRE-IMPACT URBP Passenger



VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	06
Test Date:	04/19/06
Target Location:	A-PILLAR
Target Code:	AP3
Horizontal Impact Angle:	139°
Vertical Impact Angle:	41°
Ambient Temperature:	23.9°C
Relative Humidity:	29.1
Time of Impact:	14:15
Headform Number:	0062

Impact Point Description (from lower midpoint on midsagittal line)					
On Centerline	9	x	mm right		mm left
On Centerline	17				mm up



POST-IMPACT AP3 HEADFORM

Free Motion HIC	652.6
HIC(d)	658.7
Impact Velocity (kph)	18.64
HIC T1 (msec)	5.5
HIC T2 (msec)	9.3

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - AP3

FMH Headform 0062

Location: AP3

Test Date: April 19, 2006

Work File: AP3

-----TEST RESULTS-----

Lab Temperature: 23.9 C

HICd: 658.7

Lab Humidity: 29.1 %

HIC (36ms): 652.6

Velocity at Impact: 18.64 KPH

t1: 5.5 msec

t2: 9.3 msec

Free Flight Distance: 213.55 mm

Duration: 3.8 msec

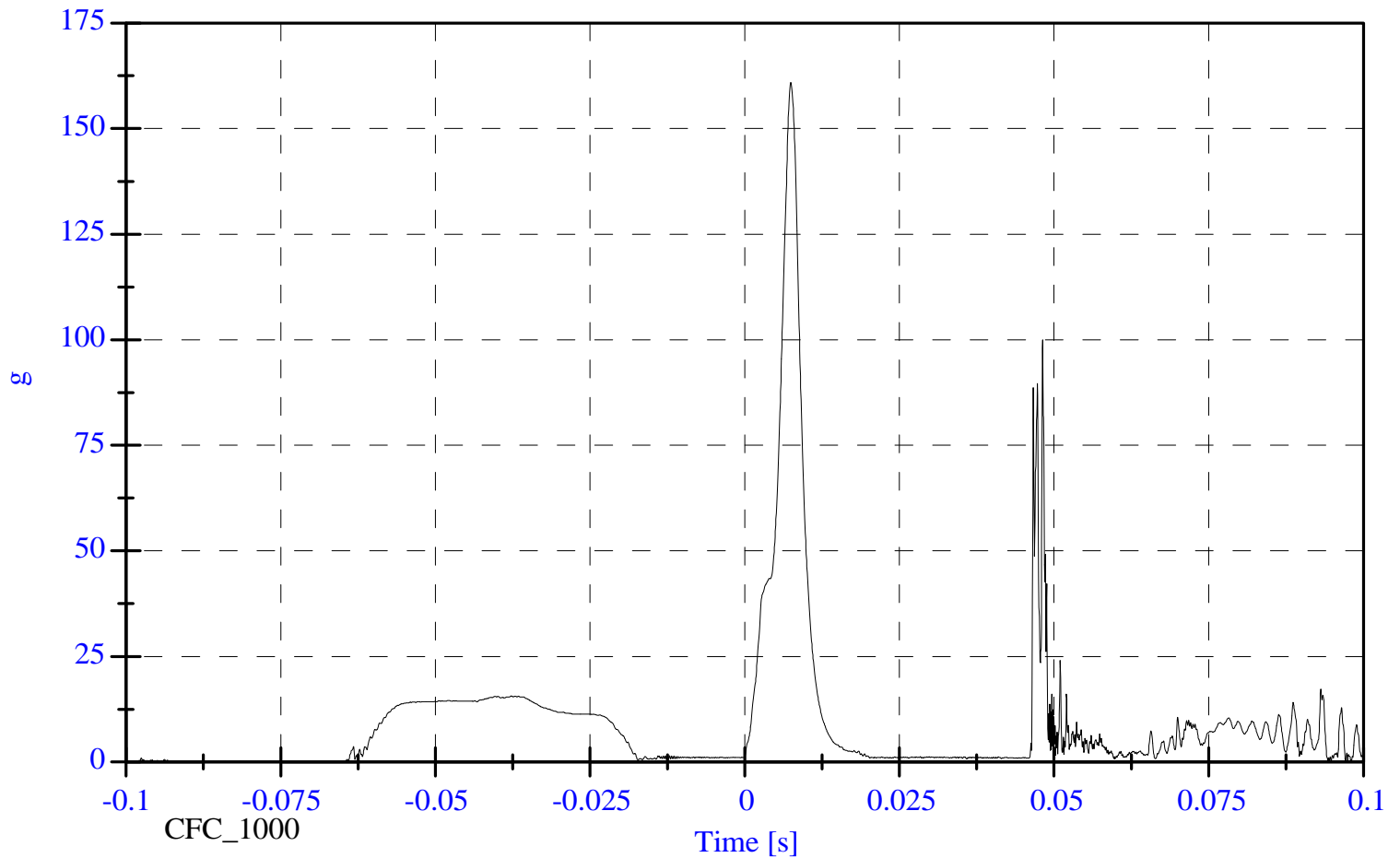
Maximum: 160.9 g

Average Acceleration: 9.1 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 160.9 [g] at 0.007 [s]

Min: 0.0 [g] at -0.092 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

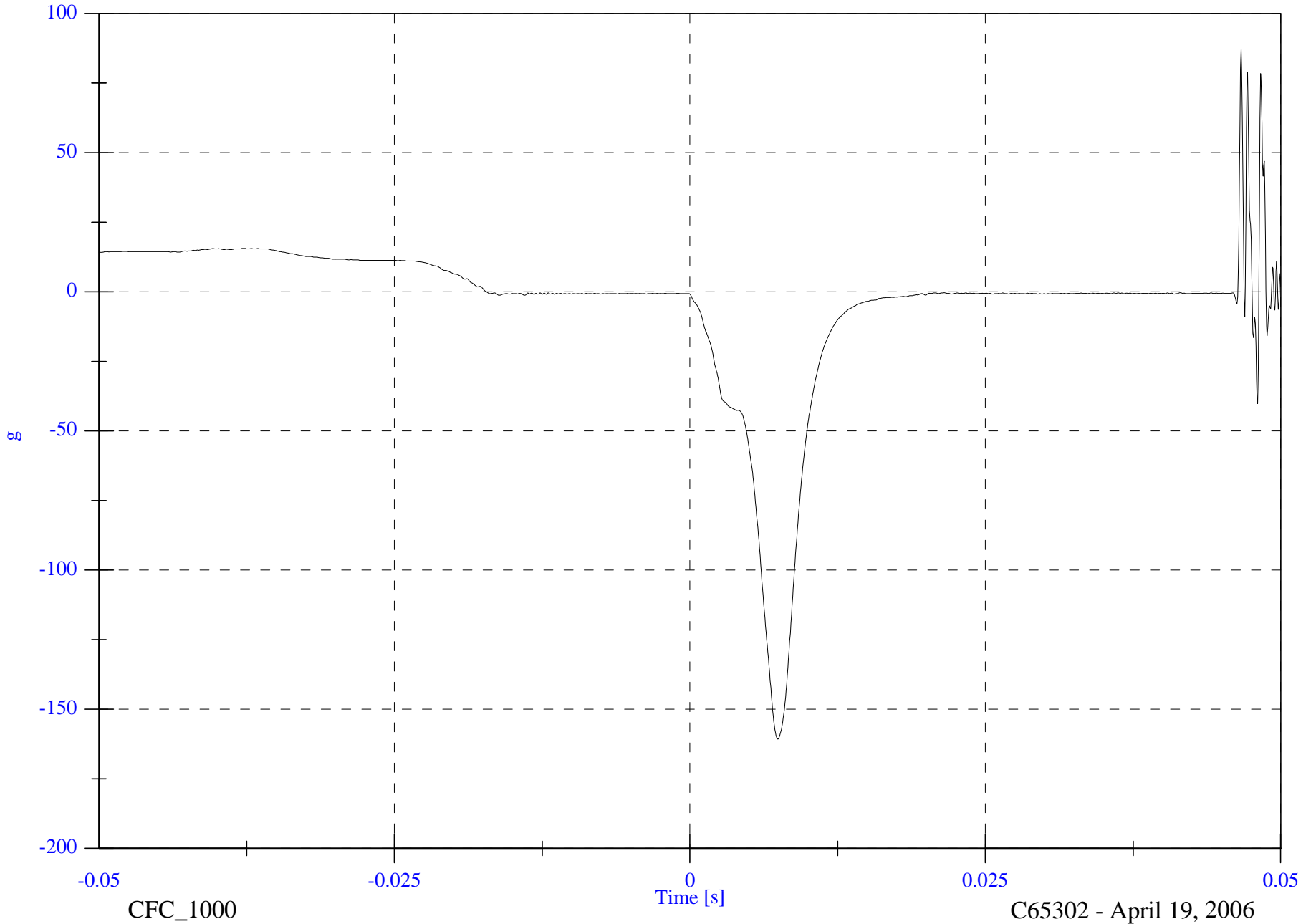
Headform X Acceleration

Max: 87.3 [g] at 0.047 [s]

Min: -160.8 [g] at 0.007 [s]

C65302 PASSENGER SIDE AP3 IMPACT PLOT#1

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

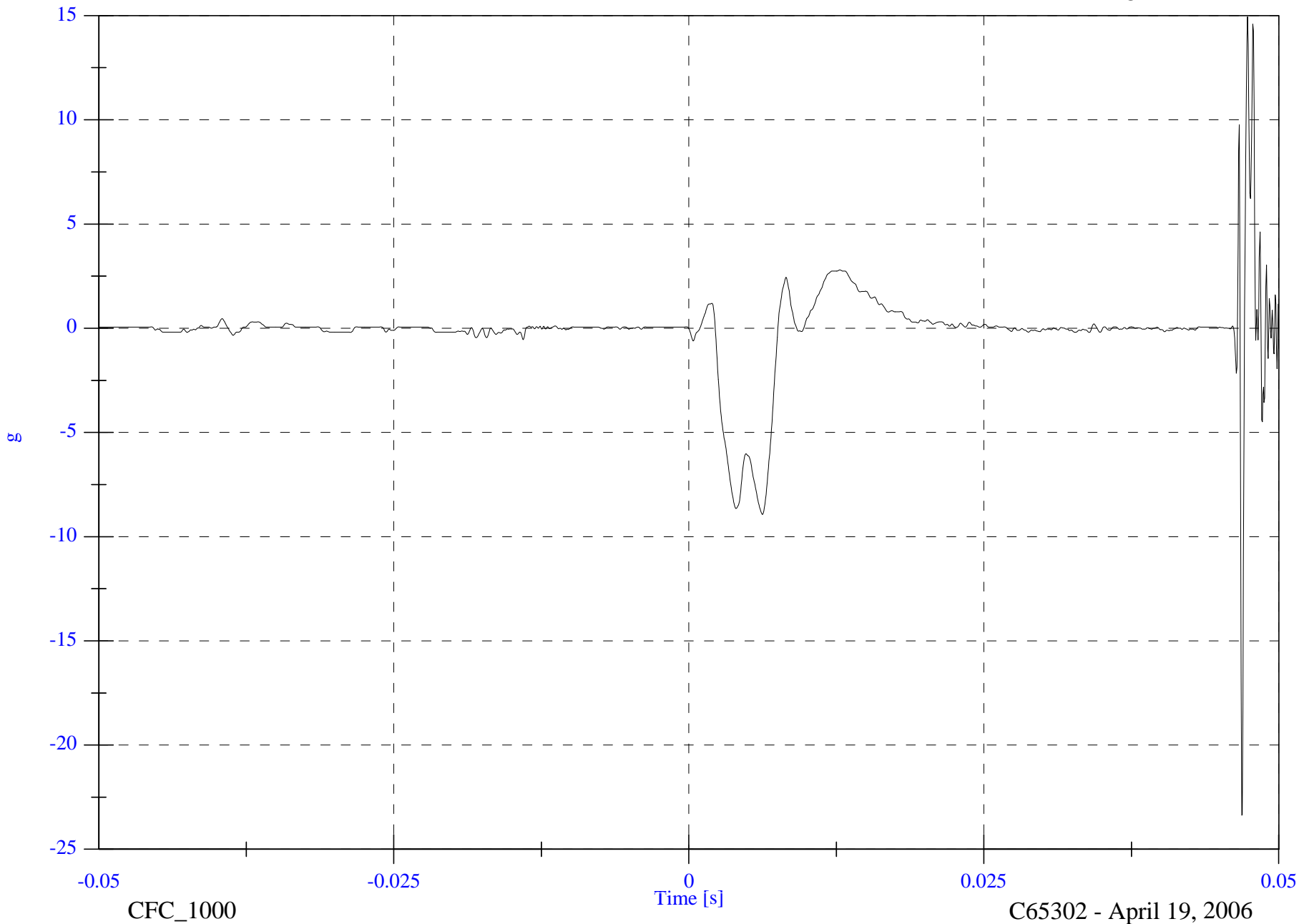
Headform Y Acceleration

Max: 14.9 [g] at 0.047 [s]

Min: -23.4 [g] at 0.047 [s]

C65302 PASSENGER SIDE AP3 IMPACT PLOT#2

8754+FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

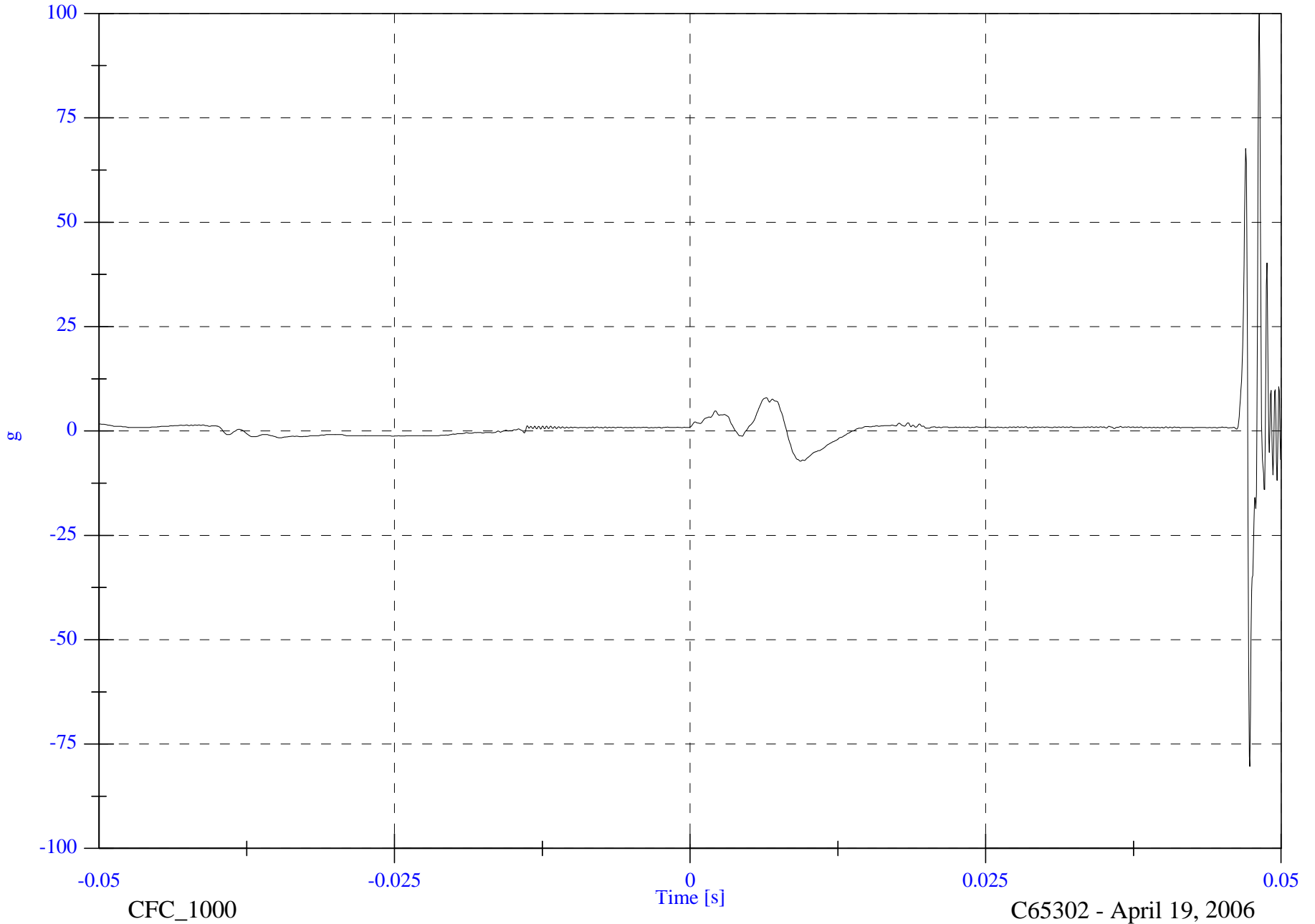
Headform Z Acceleration

Max: 100.0 [g] at 0.048 [s]

Min: -80.4 [g] at 0.047 [s]

C65302 PASSENGER SIDE AP3 IMPACT PLOT#3

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

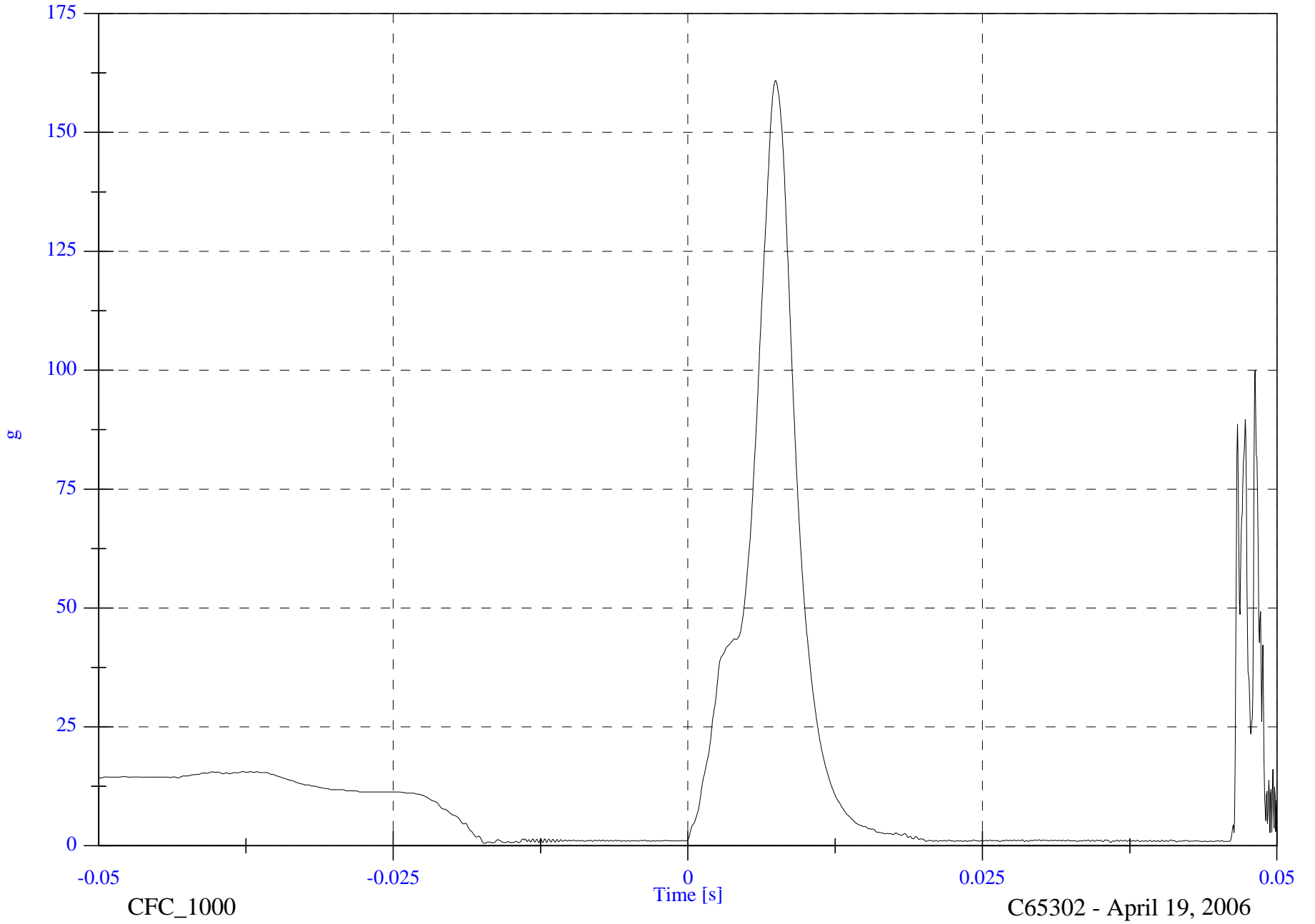
Headform Resultant

Max: 160.9 [g] at 0.007 [s]

Min: 0.5 [g] at -0.017 [s]

C65302 PASSENGER SIDE AP3 IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

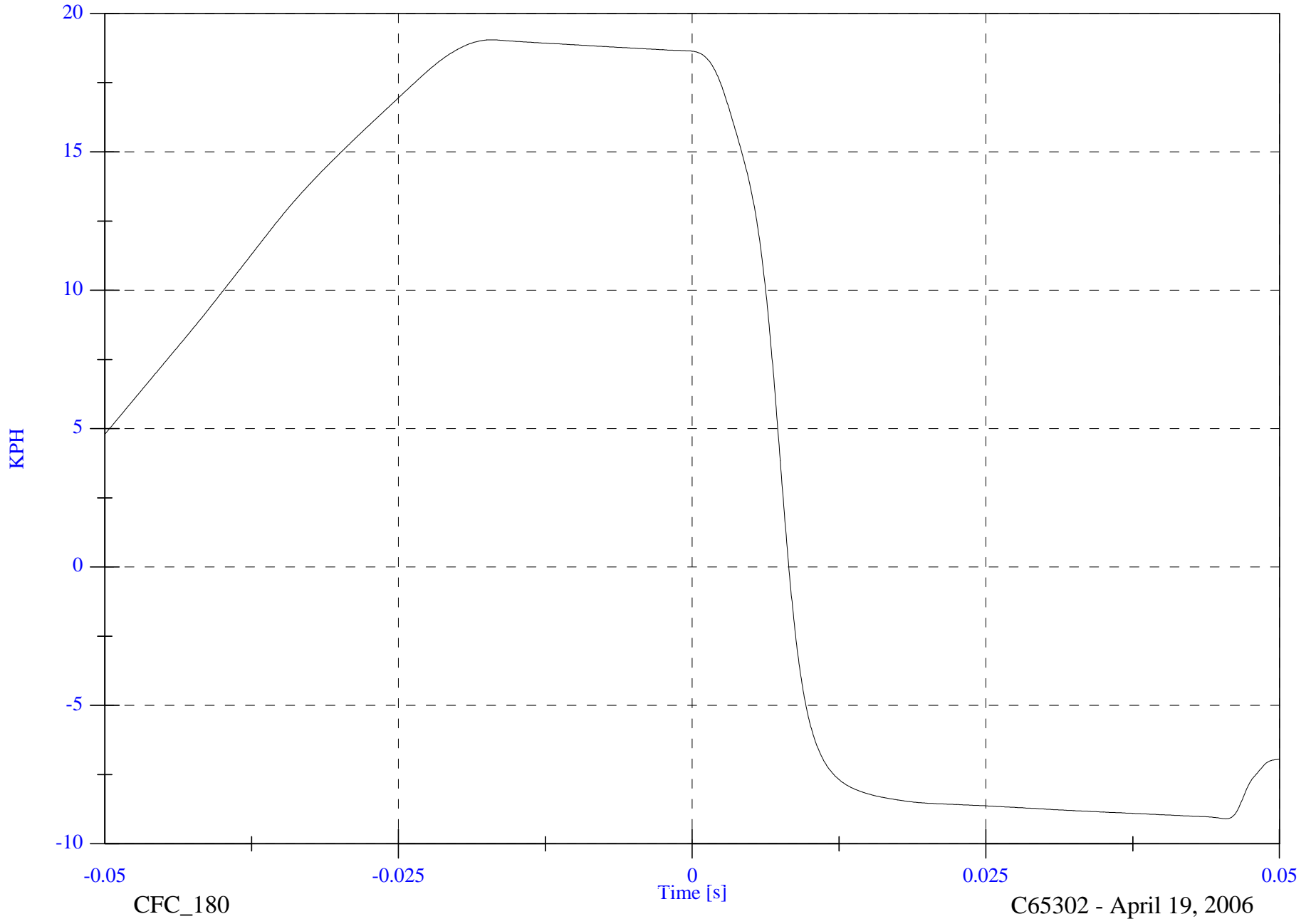
Headform Velocity

Max: 19.0 [KPH] at -0.017 [s]

Min: -9.1 [KPH] at 0.045 [s]

C65302 PASSENGER SIDE AP3 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 19, 2006



PRE-IMPACT AP3



POST-IMPACT AP3

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	07
Test Date:	04/19/06
Target Location:	A-PILLAR
Target Code:	AP1
Horizontal Impact Angle:	116°
Vertical Impact Angle:	31°
Ambient Temperature:	24.0°C
Relative Humidity:	28.8
Time of Impact:	14:35
Headform Number:	0355

Impact Point Description (from lower midpoint on midsagittal line)				
On Centerline	33	x	mm right	mm left
On Centerline	9		mm up	



POST-IMPACT AP1 HEADFORM

Free Motion HIC	355.5
HIC(d)	434.6
Impact Velocity (kph)	18.67
HIC T1 (msec)	2.2
HIC T2 (msec)	7.2

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - AP1

FMH Headform 0355

Location: AP1

Test Date: April 19, 2006

Work File: AP1

-----TEST RESULTS-----

Lab Temperature: 24.0 C

HICd: 434.6

Lab Humidity: 28.8 %

HIC (36ms): 355.5

Velocity at Impact: 18.67 KPH

t1: 2.2 msec

t2: 7.2 msec

Free Flight Distance: 218.34 mm

Duration: 5.0 msec

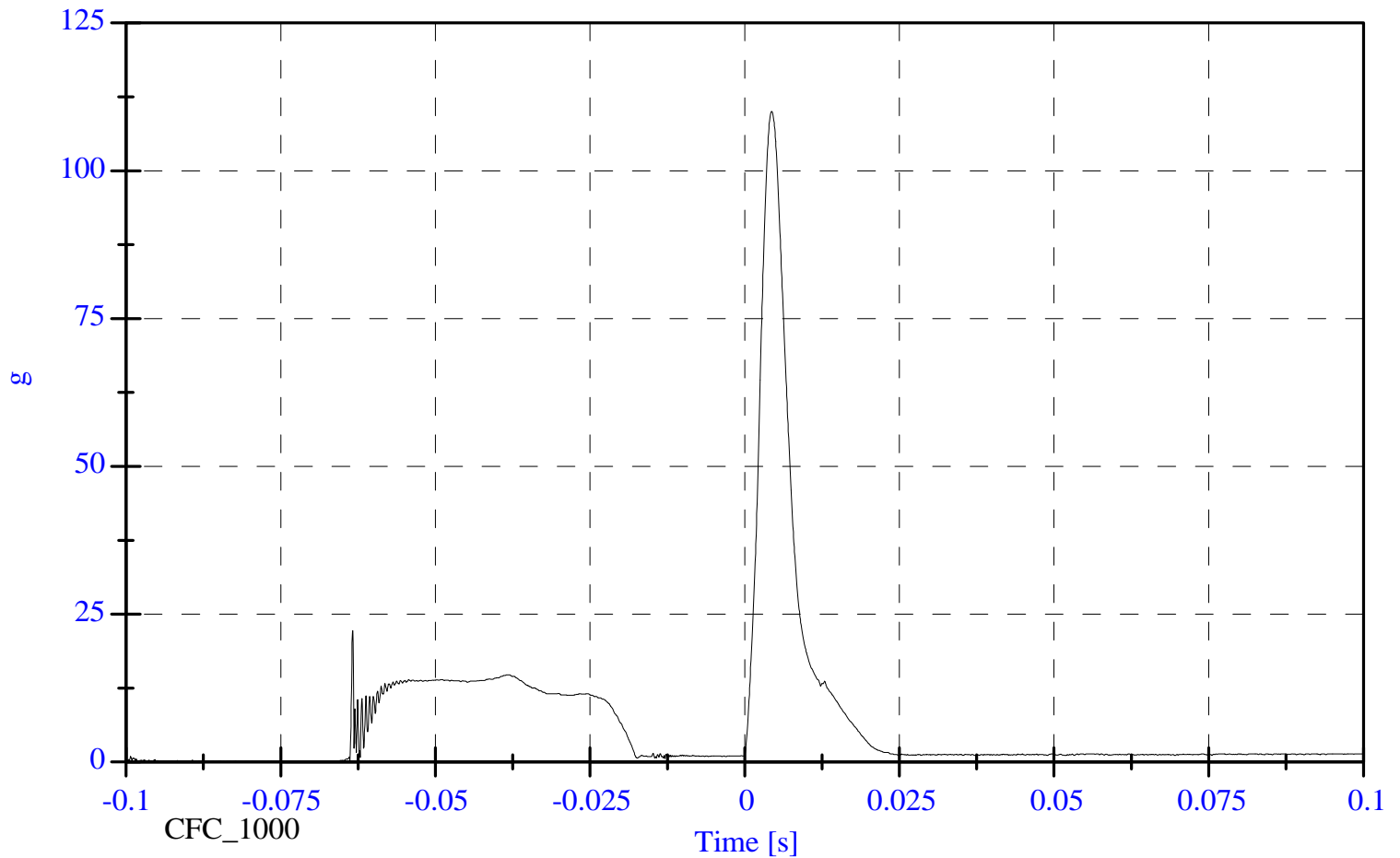
Maximum: 110.1 g

Average Acceleration: 6.7 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 110.1 [g] at 0.004 [s]

Min: 0.0 [g] at -0.070 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

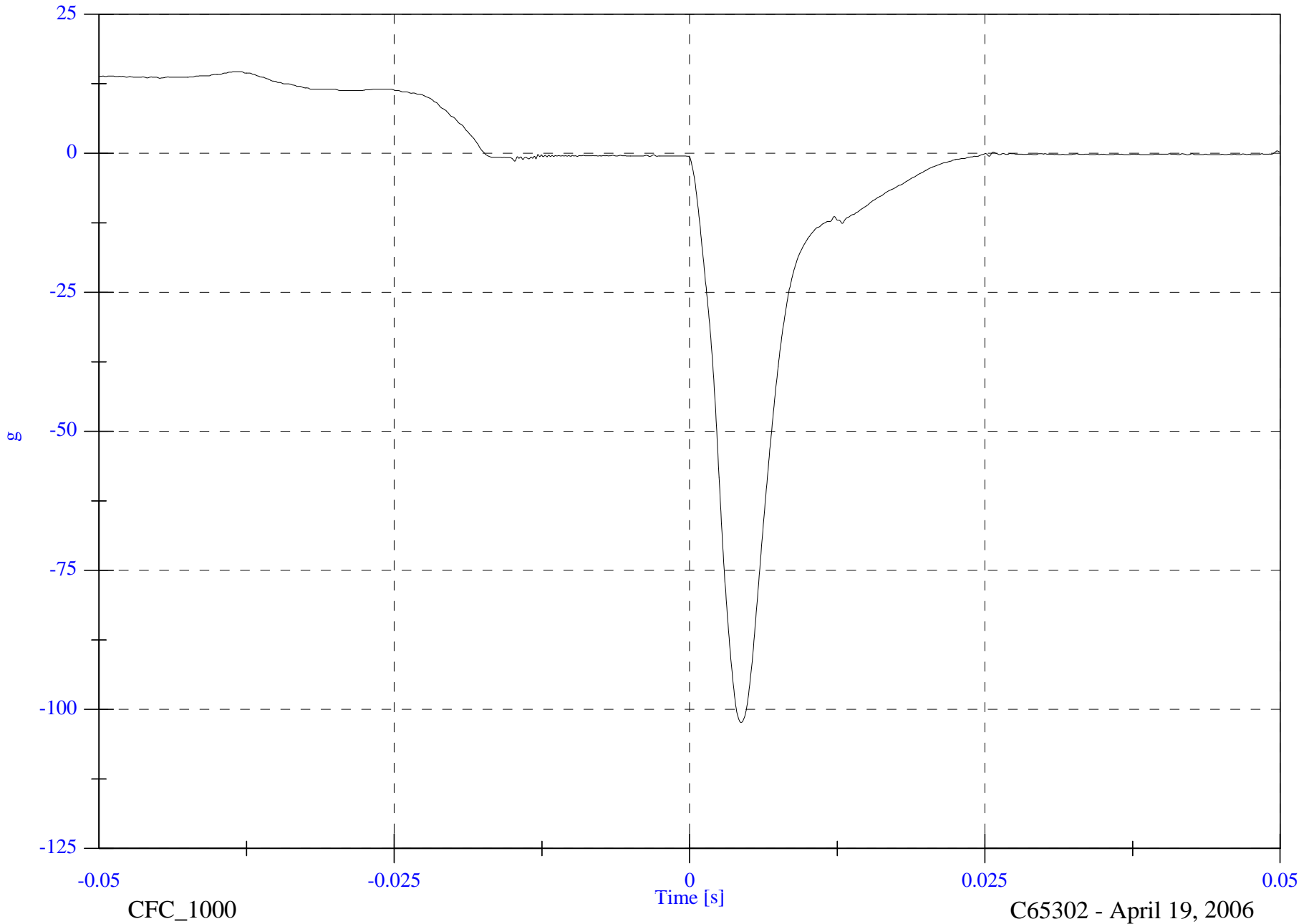
Headform X Acceleration

Max: 14.7 [g] at -0.038 [s]

Min: -102.4 [g] at 0.004 [s]

C65302 PASSENGER SIDE AP1 IMPACT PLOT#1

8754+FMH-11



C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

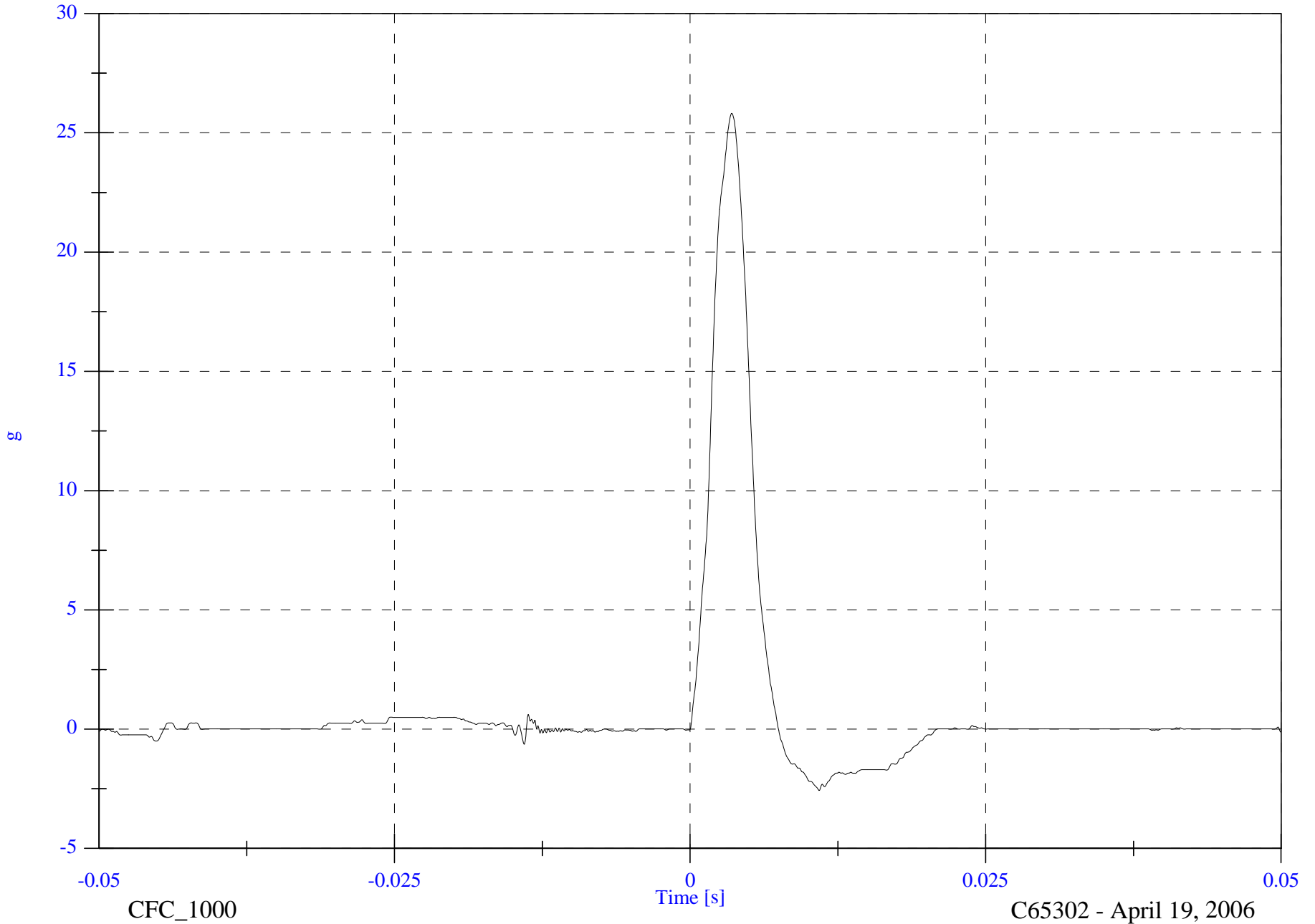
Headform Y Acceleration

Max: 25.8 [g] at 0.004 [s]

Min: -2.6 [g] at 0.011 [s]

C65302 PASSENGER SIDE AP1 IMPACT PLOT#2

8754+FMH-11



CFC_1000

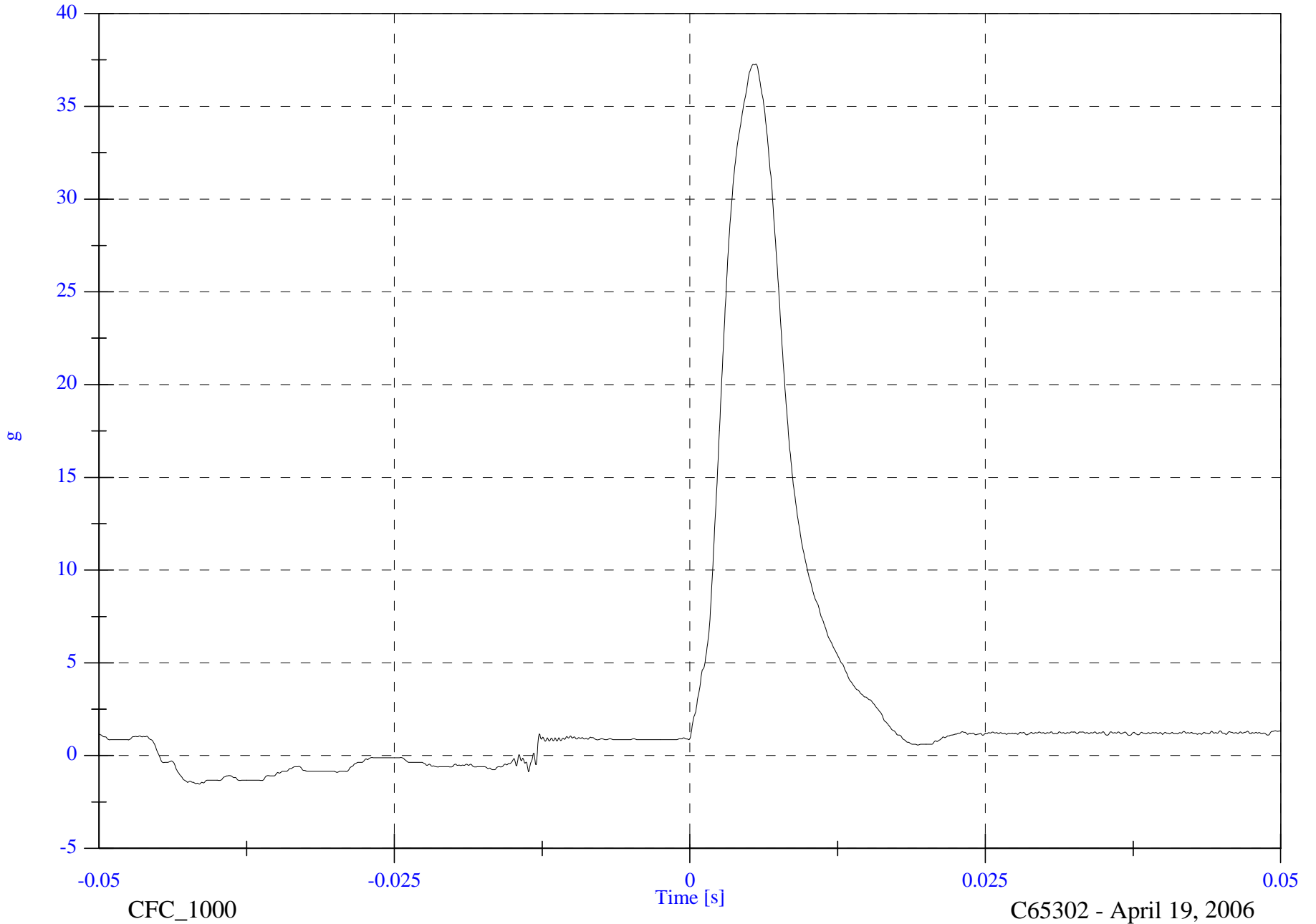
C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Z Acceleration

Max: 37.3 [g] at 0.006 [s]

Min: -1.5 [g] at -0.042 [s]



C65302 PASSENGER SIDE AP1 IMPACT PLOT#3

8754-FMH-11

CFC_1000

C65302 - April 19, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

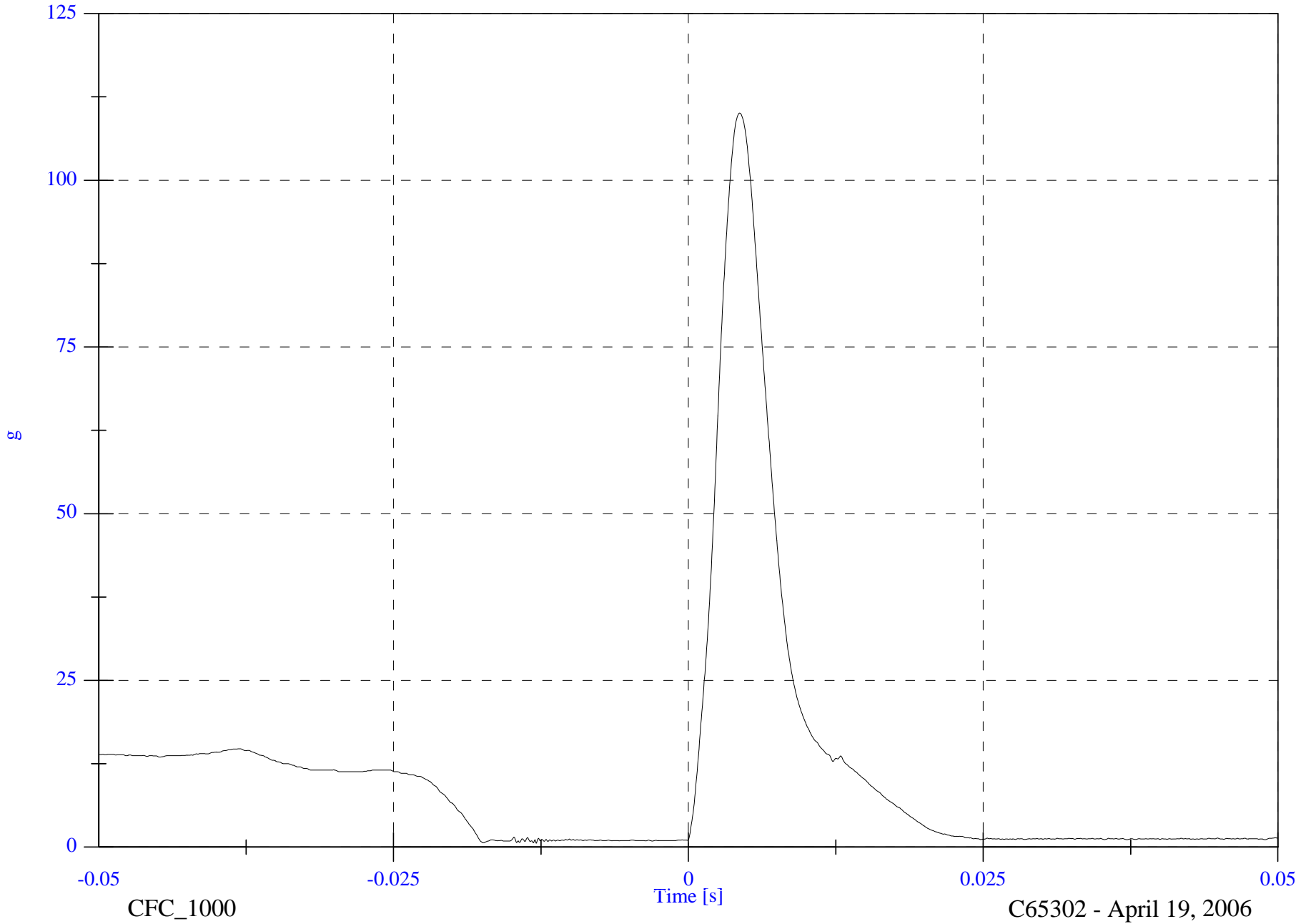
Headform Resultant

Max: 110.1 [g] at 0.004 [s]

Min: 0.6 [g] at -0.013 [s]

C65302 PASSENGER SIDE AP1 IMPACT PLOT#4

8754+FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

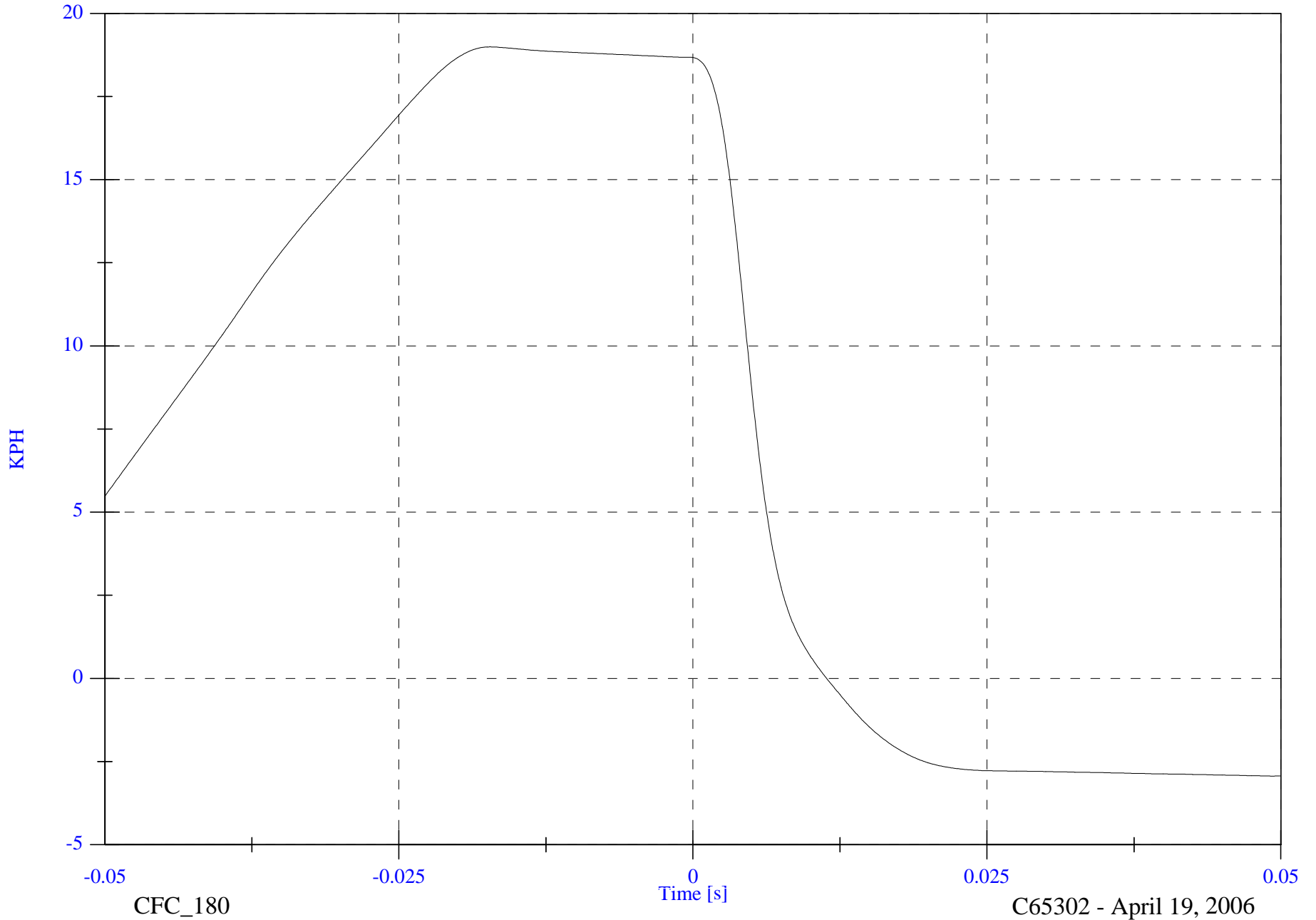
Headform Velocity

Max: 19.0 [KPH] at -0.017 [s]

Min: -2.9 [KPH] at 0.049 [s]

C65302 PASSENGER SIDE AP1 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 19, 2006



PRE-IMPACT API

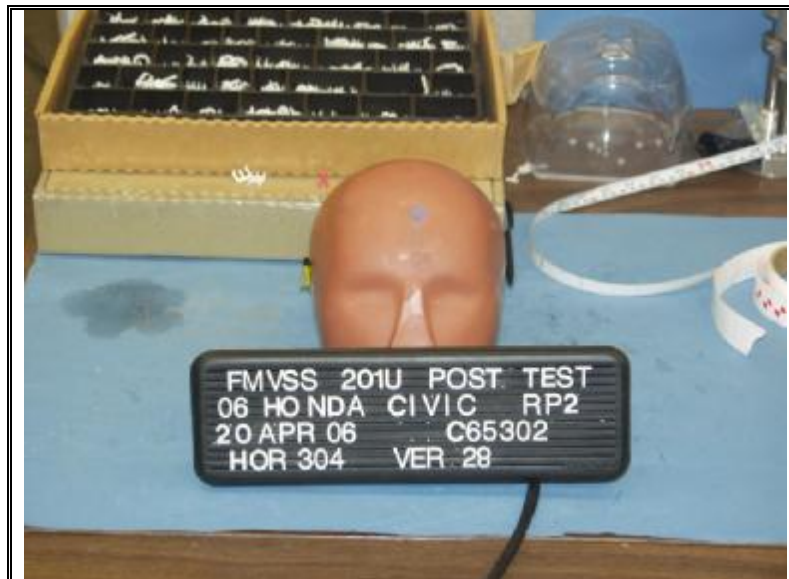


POST-IMPACT API

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	08
Test Date:	04/20/06
Target Location:	REAR PILLAR
Target Code:	RP2
Horizontal Impact Angle:	304°
Vertical Impact Angle:	28°
Ambient Temperature:	23.0°C
Relative Humidity:	26.8
Time of Impact:	8:46
Headform Number:	0355

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	4	mm right	x mm left
On Centerline	32	mm up	



POST-IMPACT RP2 HEADFORM

Free Motion HIC	352.2
HIC(d)	432.1
Impact Velocity (kph)	18.34
HIC T1 (msec)	5.0
HIC T2 (msec)	11.3

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - RP2

FMH Headform 0355

Location: RP2

Test Date: April 20, 2006

Work File: RP2

-----TEST RESULTS-----

Lab Temperature: 23.0 C

HICd: 432.1

Lab Humidity: 26.8 %

HIC (36ms): 352.2

Velocity at Impact: 18.34 KPH

t1: 5.0 msec

t2: 11.3 msec

Free Flight Distance: 222.92 mm

Duration: 6.2 msec

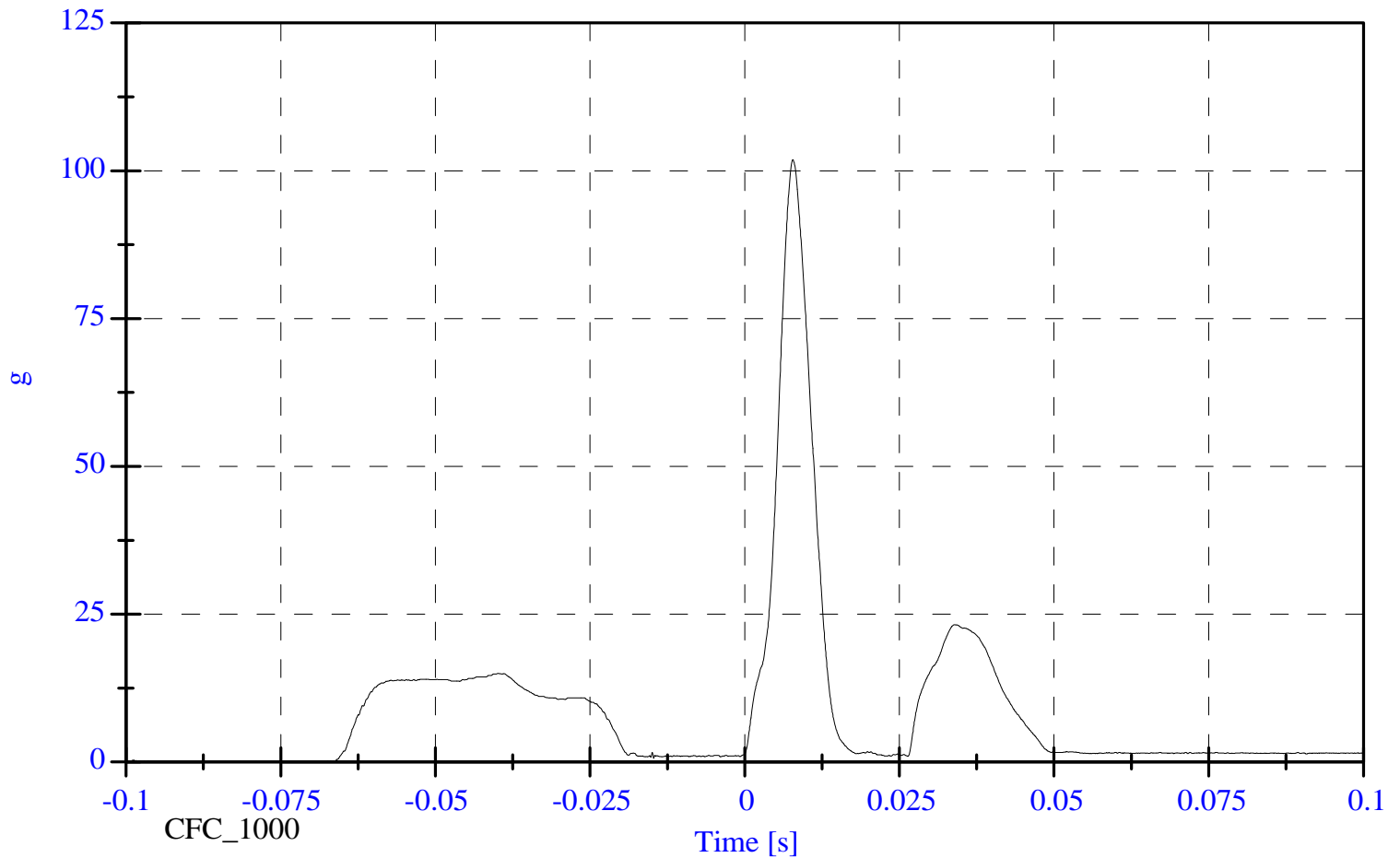
Maximum: 101.9 g

Average Acceleration: 8.2 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 101.9 [g] at 0.008 [s]

Min: 0.0 [g] at -0.093 [s]

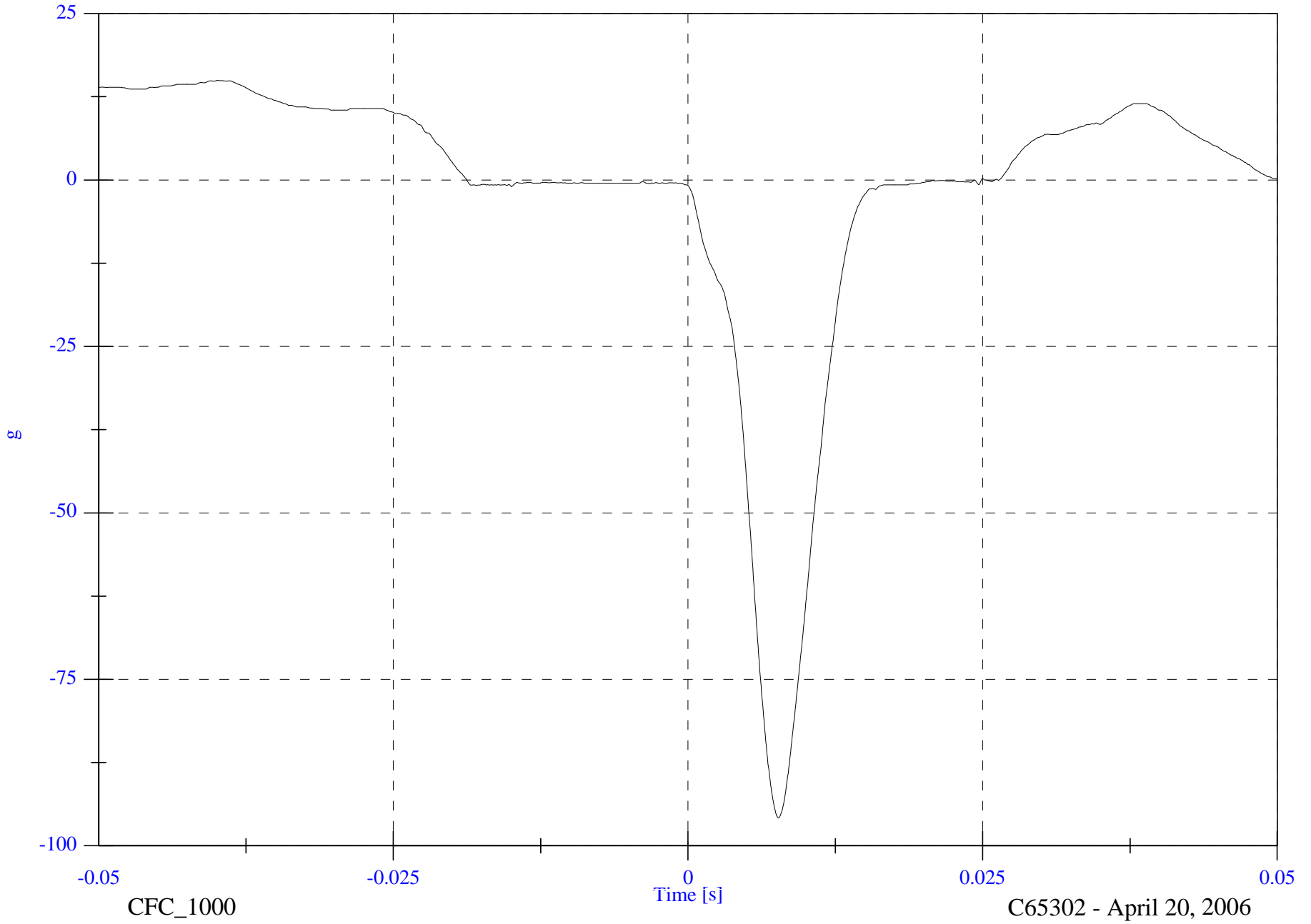


FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform X Acceleration

Max: 15.0 [g] at -0.040 [s]

Min: -95.8 [g] at 0.008 [s]



C65302 DRIVER SIDE RP2 IMPACT PLOT#1

8754+FMH-11

CFC_1000

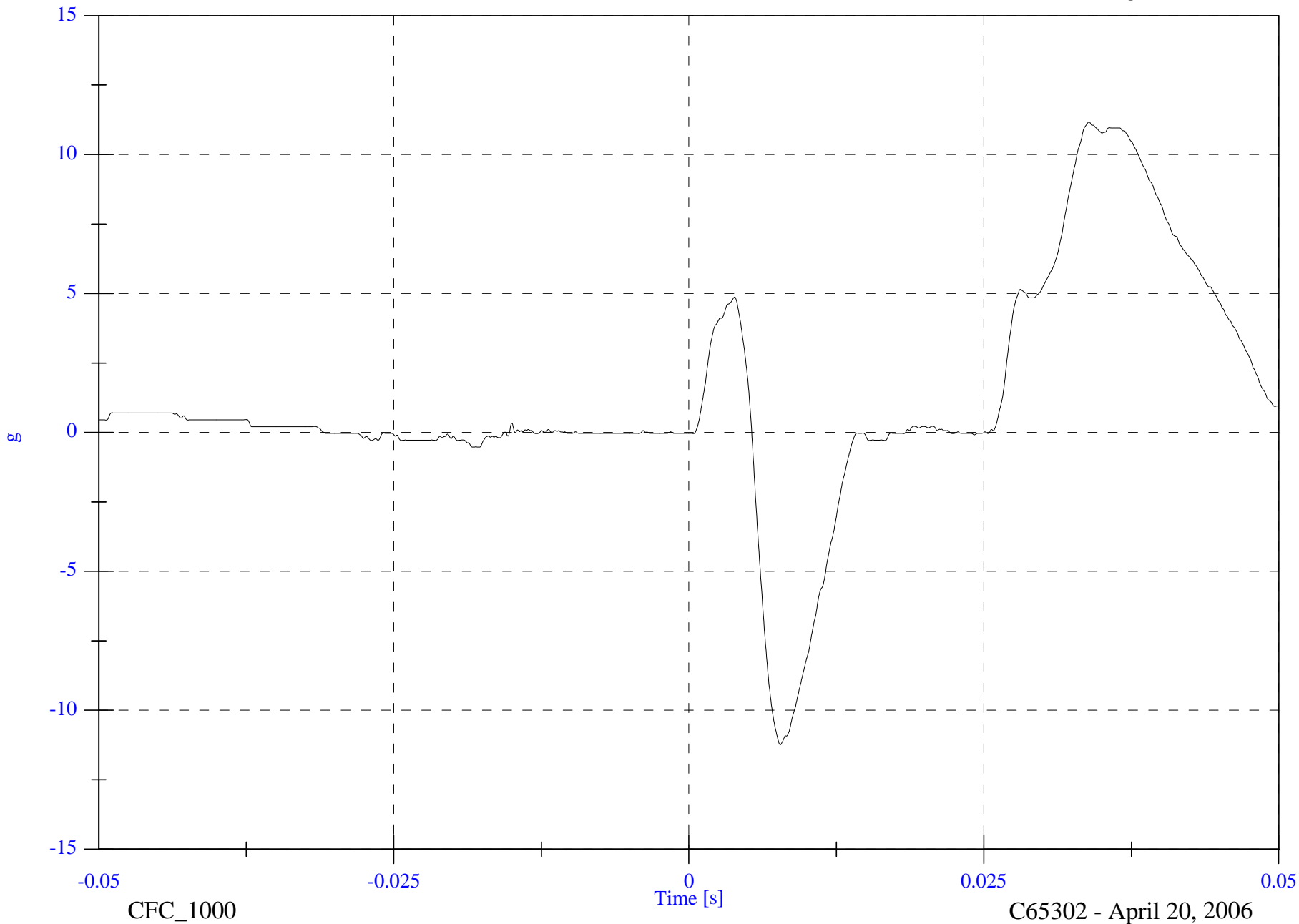
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Y Acceleration

Max: 11.2 [g] at 0.034 [s]

Min: -11.2 [g] at 0.008 [s]



C65302 DRIVER SIDE RP2 IMPACT PLOT#2

8754+FMH-11

CFC_1000

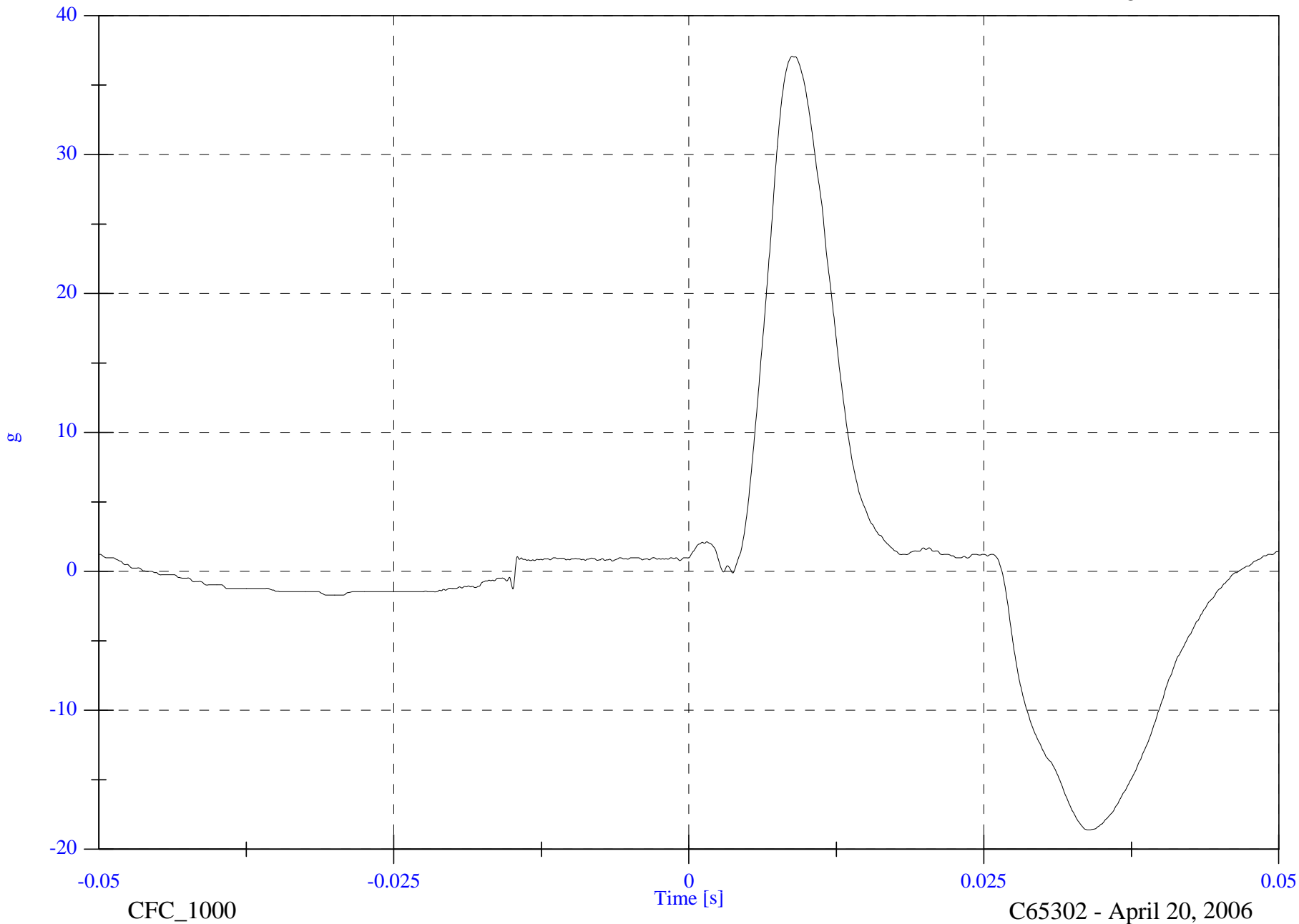
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Z Acceleration

Max: 37.1 [g] at 0.009 [s]

Min: -18.6 [g] at 0.034 [s]



C65302 DRIVER SIDE RP2 IMPACT PLOT#3

8754+FMH-11

CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

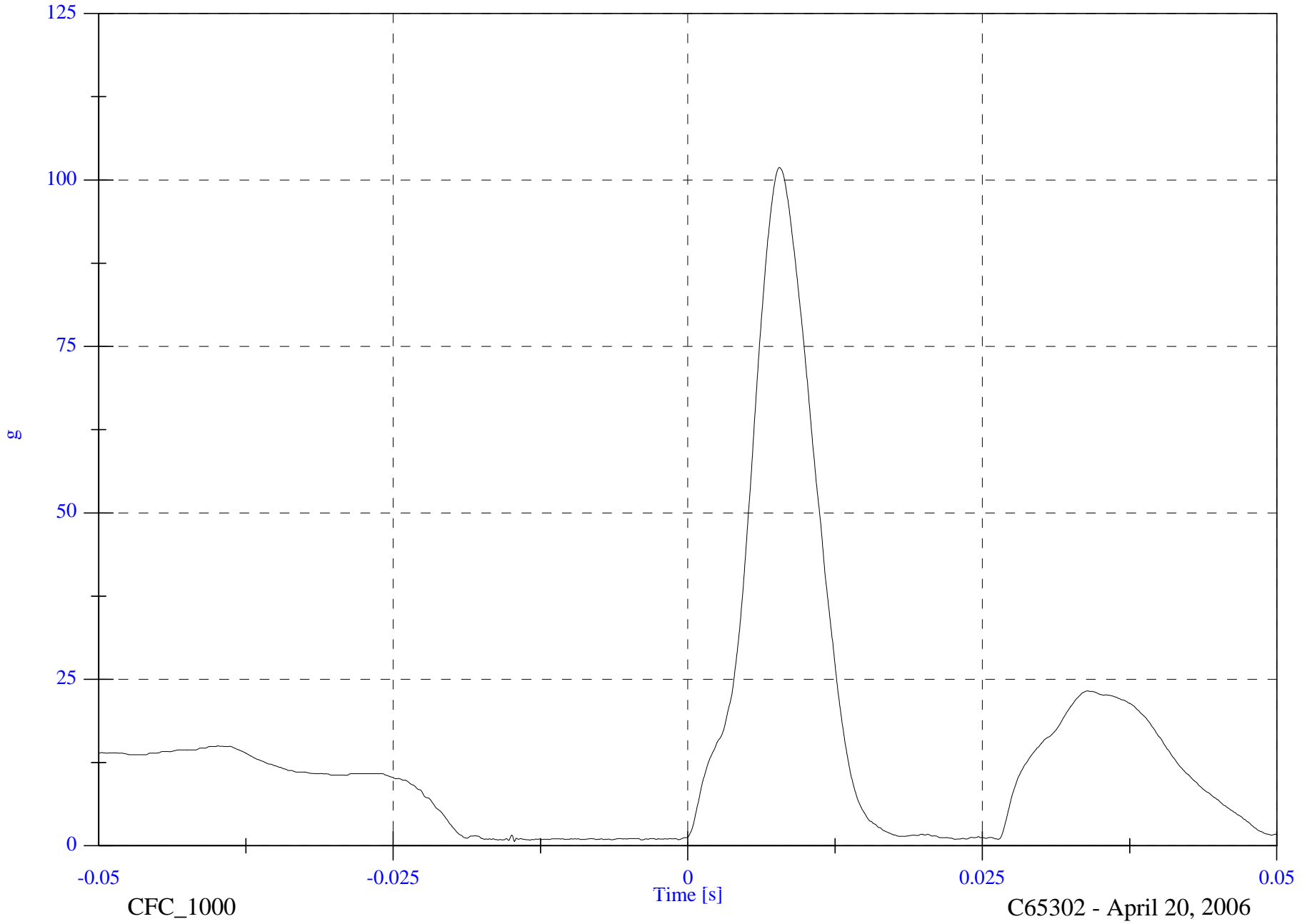
Headform Resultant

Max: 101.9 [g] at 0.008 [s]

Min: 0.6 [g] at -0.015 [s]

C65302 DRIVER SIDE RP2 IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

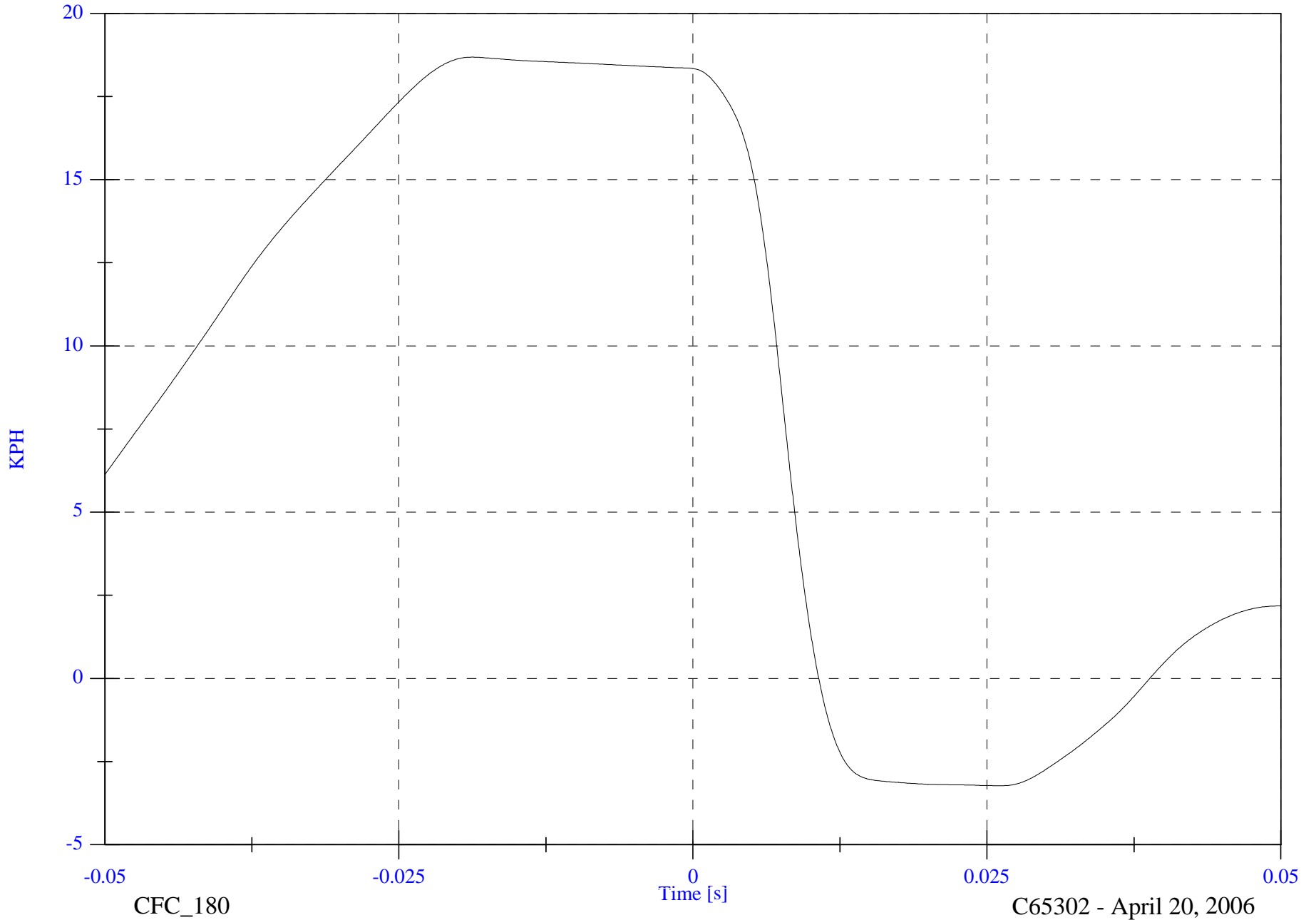
Headform Velocity

Max: 18.7 [KPH] at -0.019 [s]

Min: -3.2 [KPH] at 0.026 [s]

C65302 DRIVER SIDE RP2 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 20, 2006



PRE-IMPACT RP2

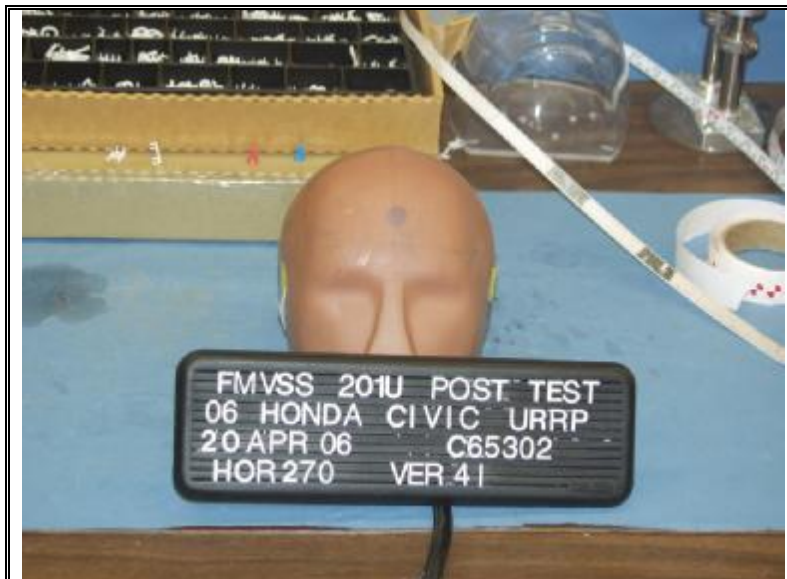


POST-IMPACT RP2

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	09
Test Date:	04/20/06
Target Location:	UPPER ROOF
Target Code:	URRP
Horizontal Impact Angle:	270°
Vertical Impact Angle:	41°
Ambient Temperature:	23.1°C
Relative Humidity:	28
Time of Impact:	9:13
Headform Number:	0642

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	3	mm right	x mm left
On Centerline	19	mm up	



POST-IMPACT URRP HEADFORM

Free Motion HIC	684.4
HIC(d)	682.8
Impact Velocity (kph)	23.55
HIC T1 (msec)	3.0
HIC T2 (msec)	11.1

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - URRP

FMH Headform 0642

Location: URRP

Test Date: April 20, 2006

Work File: URRP

-----TEST RESULTS-----

Lab Temperature: 23.1 C

HICd: 682.8

Lab Humidity: 28.0 %

HIC (36ms): 684.4

Velocity at Impact: 23.55 KPH

t1: 3.0 msec

t2: 11.1 msec

Free Flight Distance: 212.80 mm

Duration: 8.0 msec

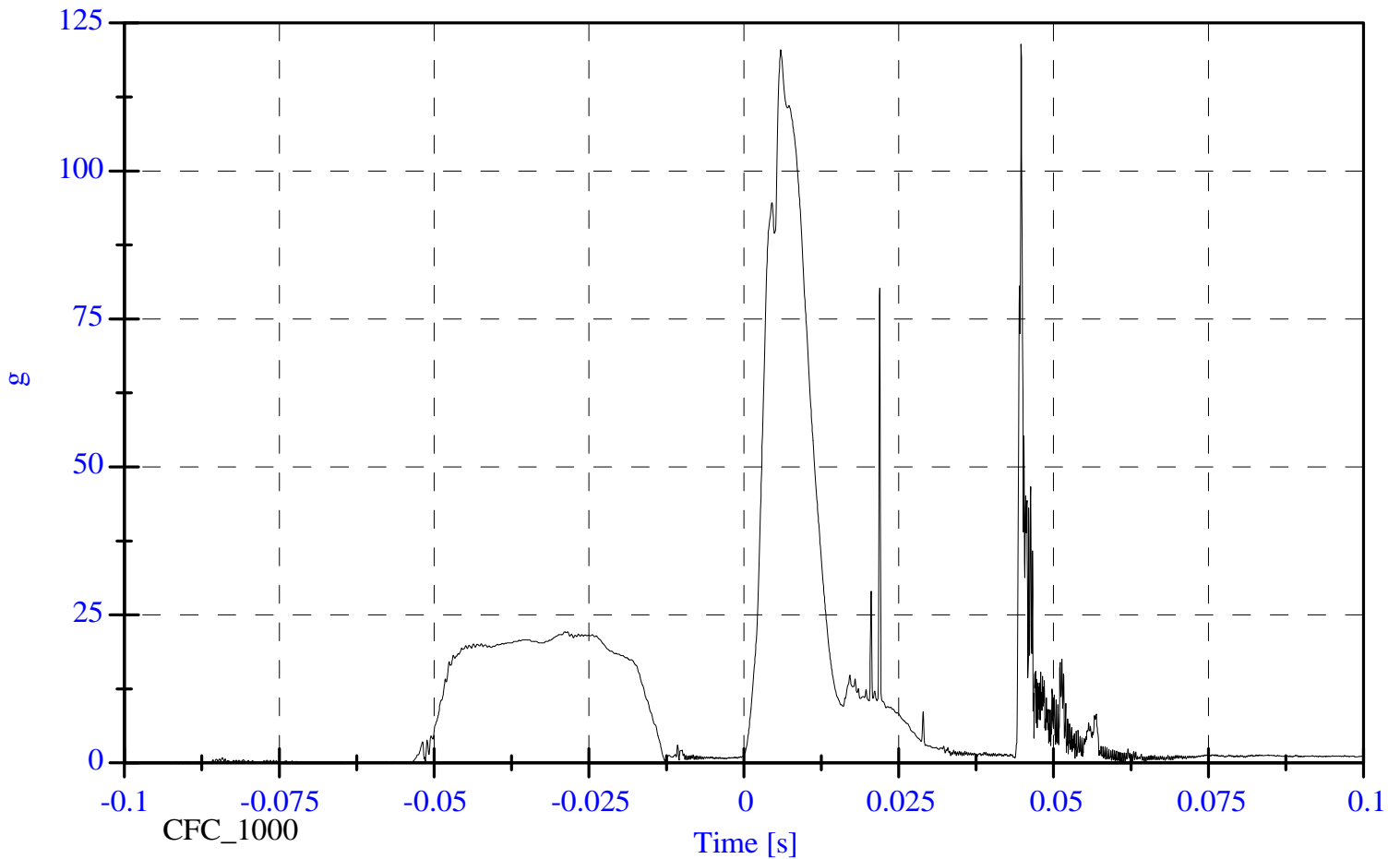
Maximum: 120.5 g

Average Acceleration: 10.3 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 120.5 [g] at 0.006 [s]

Min: 0.0 [g] at -0.094 [s]



FMVSS 201U IMPACT TEST - 2006 Honda Civic

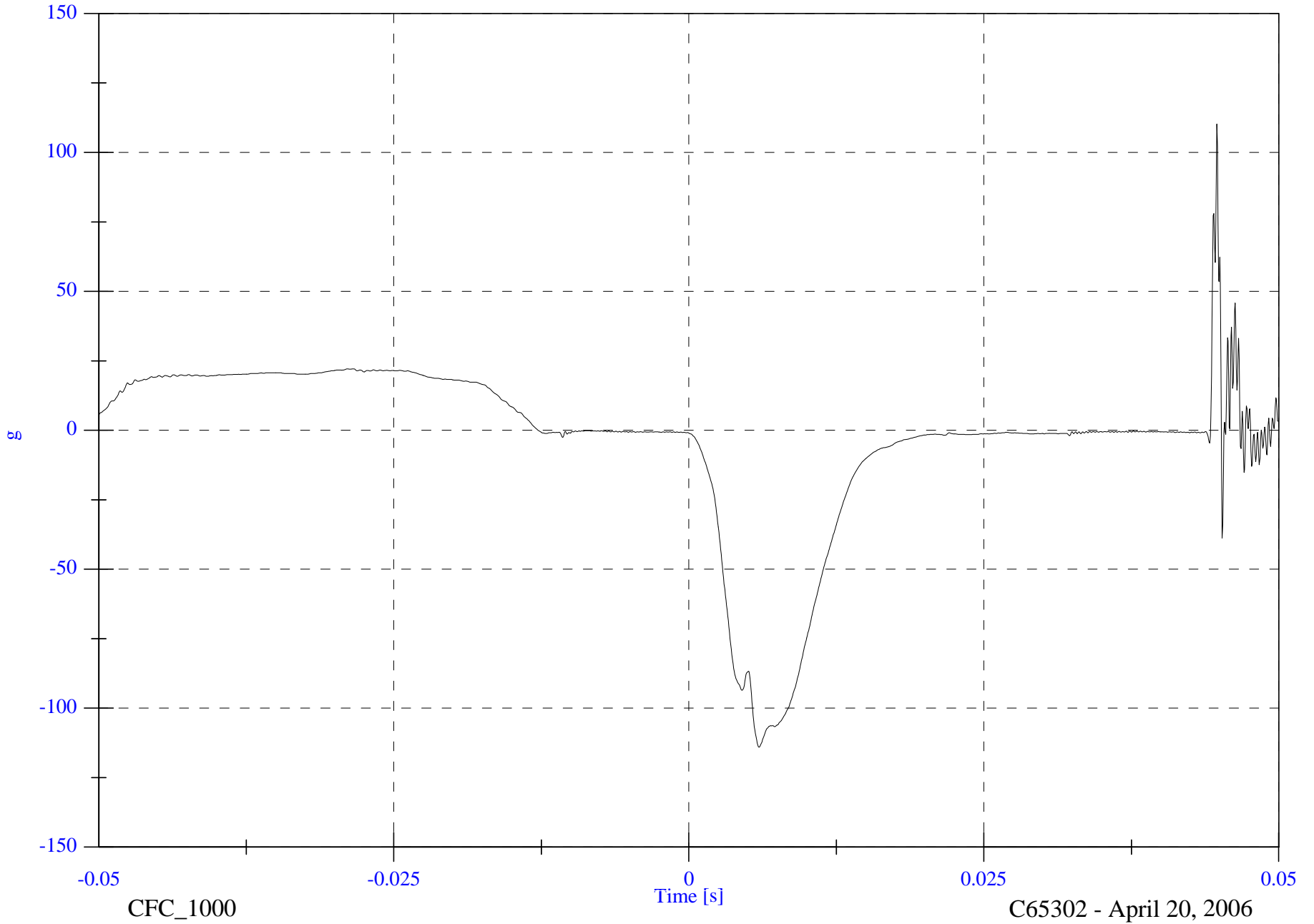
Headform X Acceleration

Max: 110.2 [g] at 0.045 [s]

Min: -114.0 [g] at 0.006 [s]

C65302 DRIVER SIDE URRP IMPACT PLOT#1

8754+FMH-11



CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

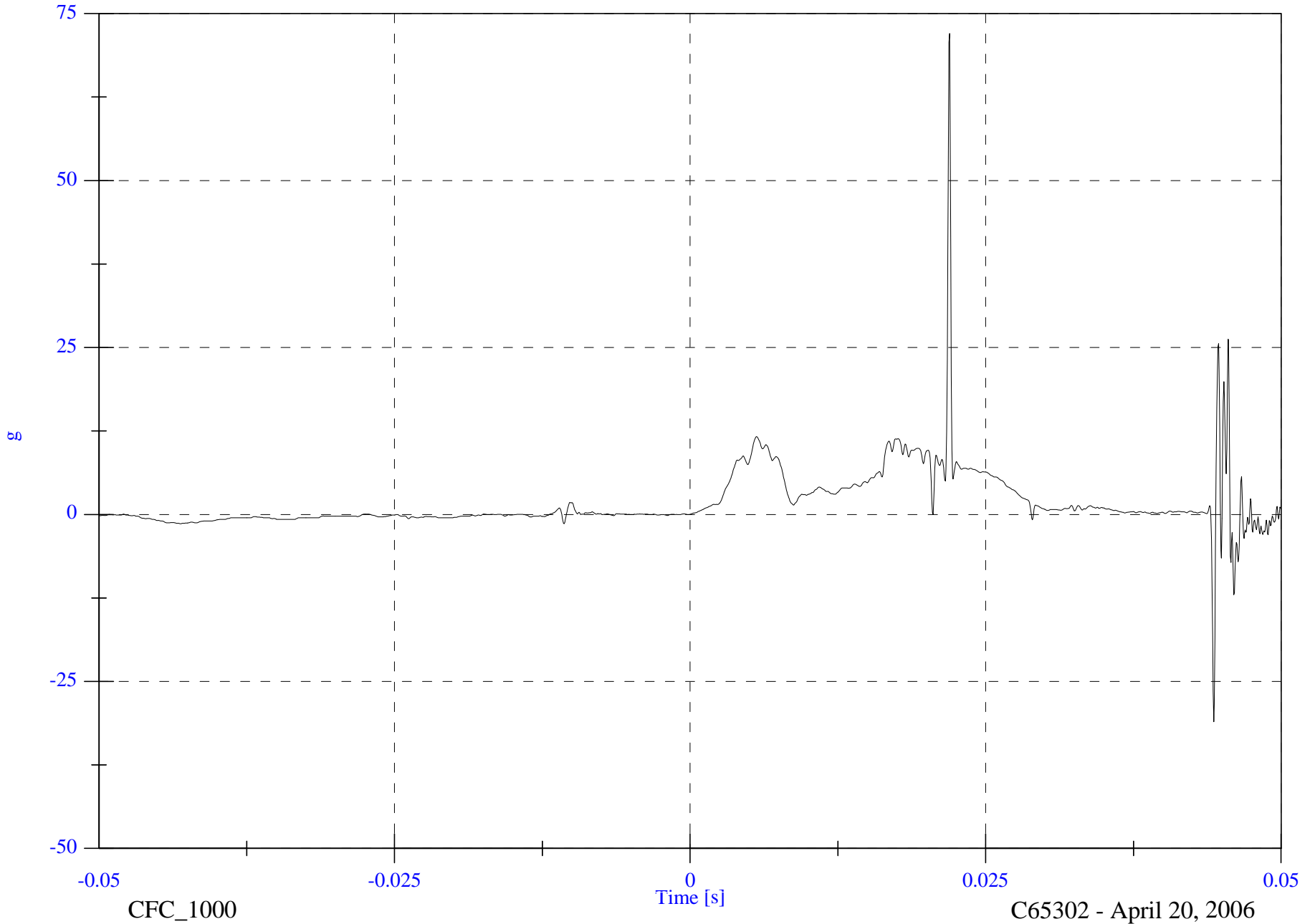
Headform Y Acceleration

Max: 72.0 [g] at 0.022 [s]

Min: -31.1 [g] at 0.044 [s]

C65302 DRIVER SIDE URRP IMPACT PLOT#2

8754+FMH-11



CFC_1000

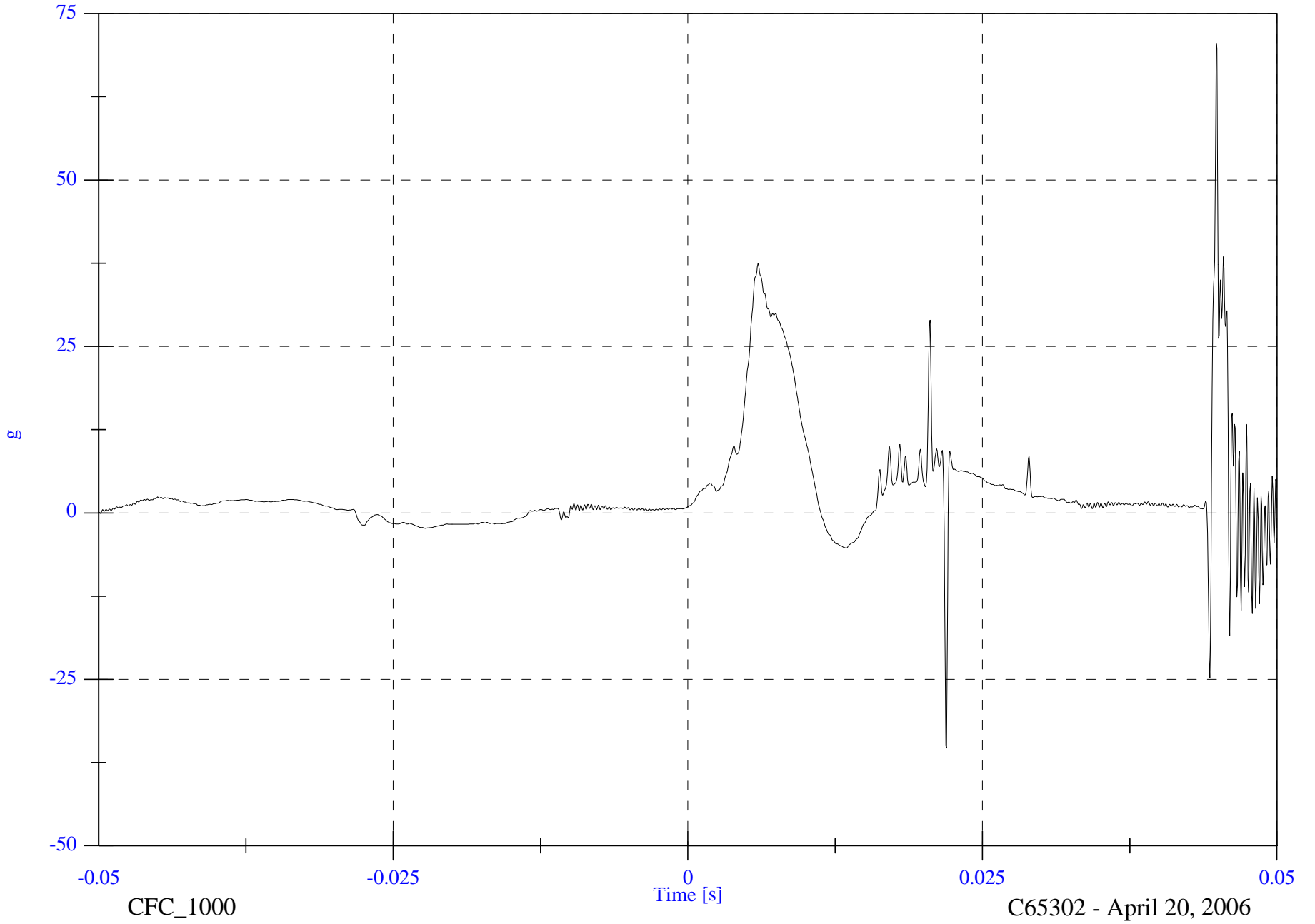
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Z Acceleration

Max: 70.6 [g] at 0.045 [s]

Min: -35.3 [g] at 0.022 [s]



C65302 DRIVER SIDE URRP IMPACT PLOT#3

8754+FMH-11

CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

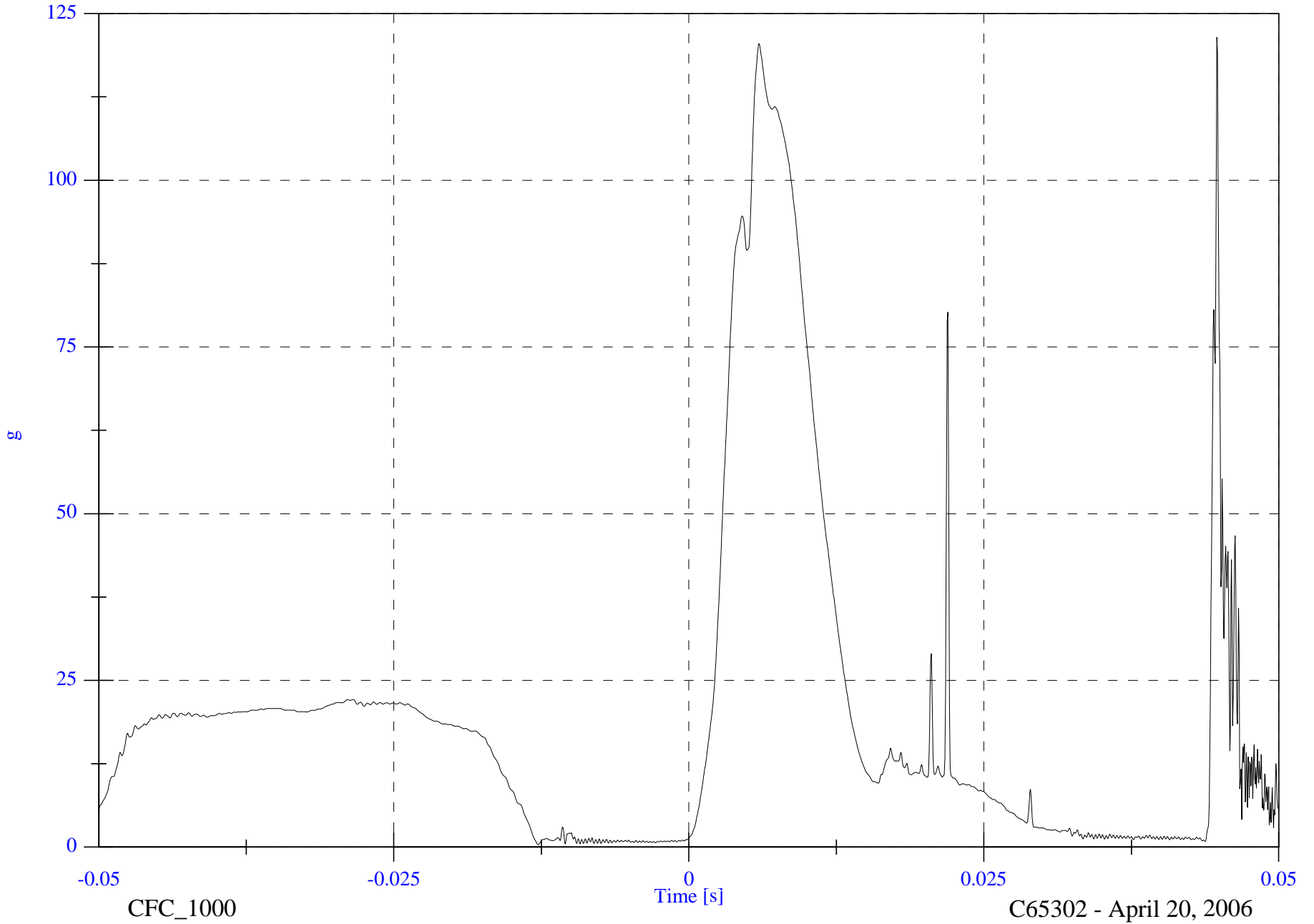
Headform Resultant

Max: 121.4 [g] at 0.045 [s]

Min: 0.4 [g] at -0.013 [s]

C65302 DRIVER SIDE URRP IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

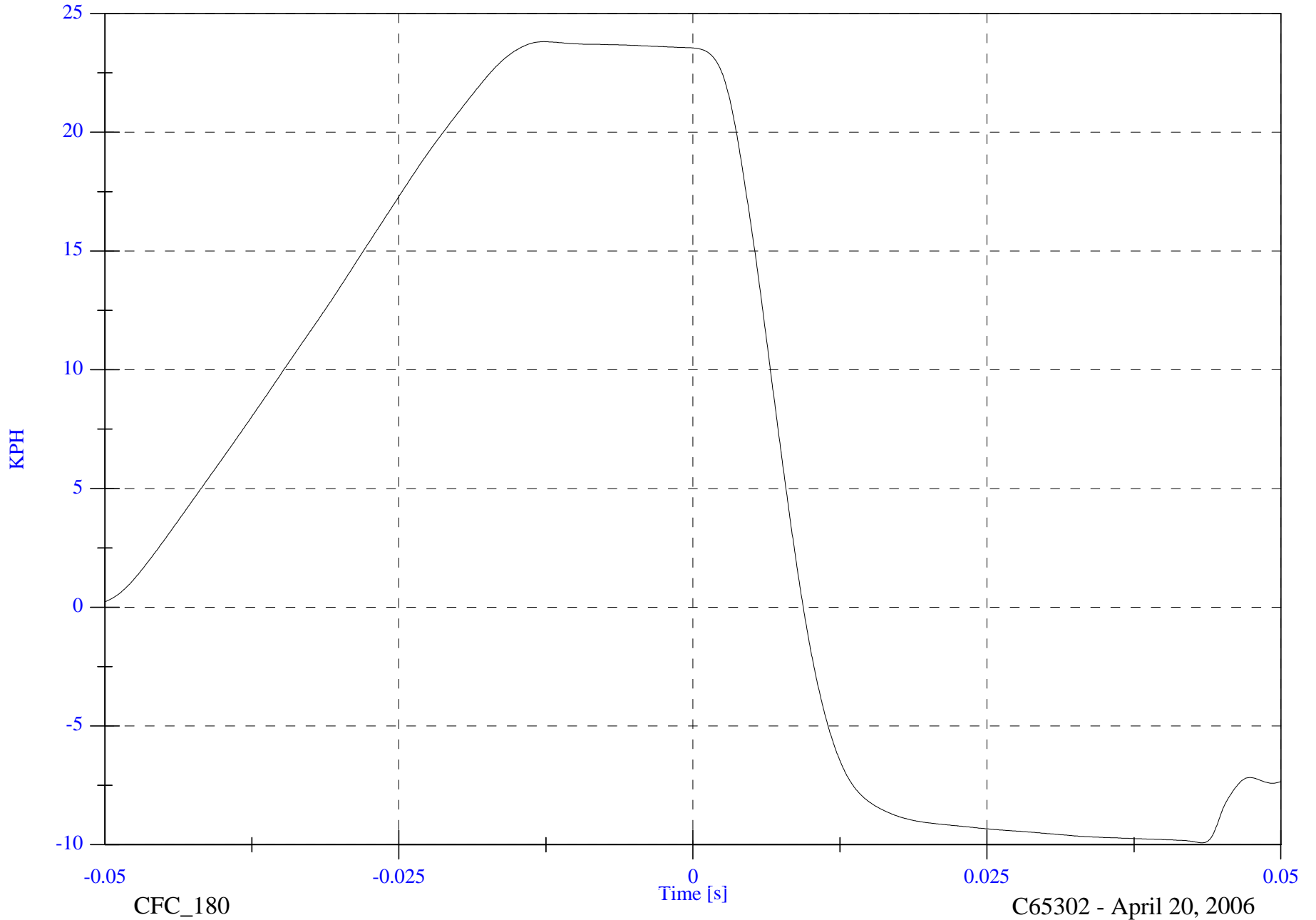
Headform Velocity

Max: 23.8 [KPH] at -0.013 [s]

Min: -9.9 [KPH] at 0.043 [s]

C65302 DRIVER SIDE URRP IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 20, 2006



PRE-IMPACT URRP



POST-IMPACT URRP

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	10
Test Date:	04/20/06
Target Location:	B-PILLAR
Target Code:	BP3
Horizontal Impact Angle:	277°
Vertical Impact Angle:	-6°
Ambient Temperature:	23.2°C
Relative Humidity:	28.5
Time of Impact:	9:50
Headform Number:	0062

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	0	mm right	mm left
On Centerline	14	mm up	



POST-IMPACT BP3 HEADFORM

Free Motion HIC	618.9
HIC(d)	633.4
Impact Velocity (kph)	23.84
HIC T1 (msec)	2.7
HIC T2 (msec)	9.3

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - BP3

FMH Headform 0062

Location: BP3

Test Date: April 20, 2006

Work File: BP3

-----TEST RESULTS-----

Lab Temperature: 23.2 C

HICd: 633.4

Lab Humidity: 28.5 %

HIC (36ms): 618.9

Velocity at Impact: 23.84 KPH

t1: 2.7 msec

t2: 9.4 msec

Free Flight Distance: 212.64 mm

Duration: 6.7 msec

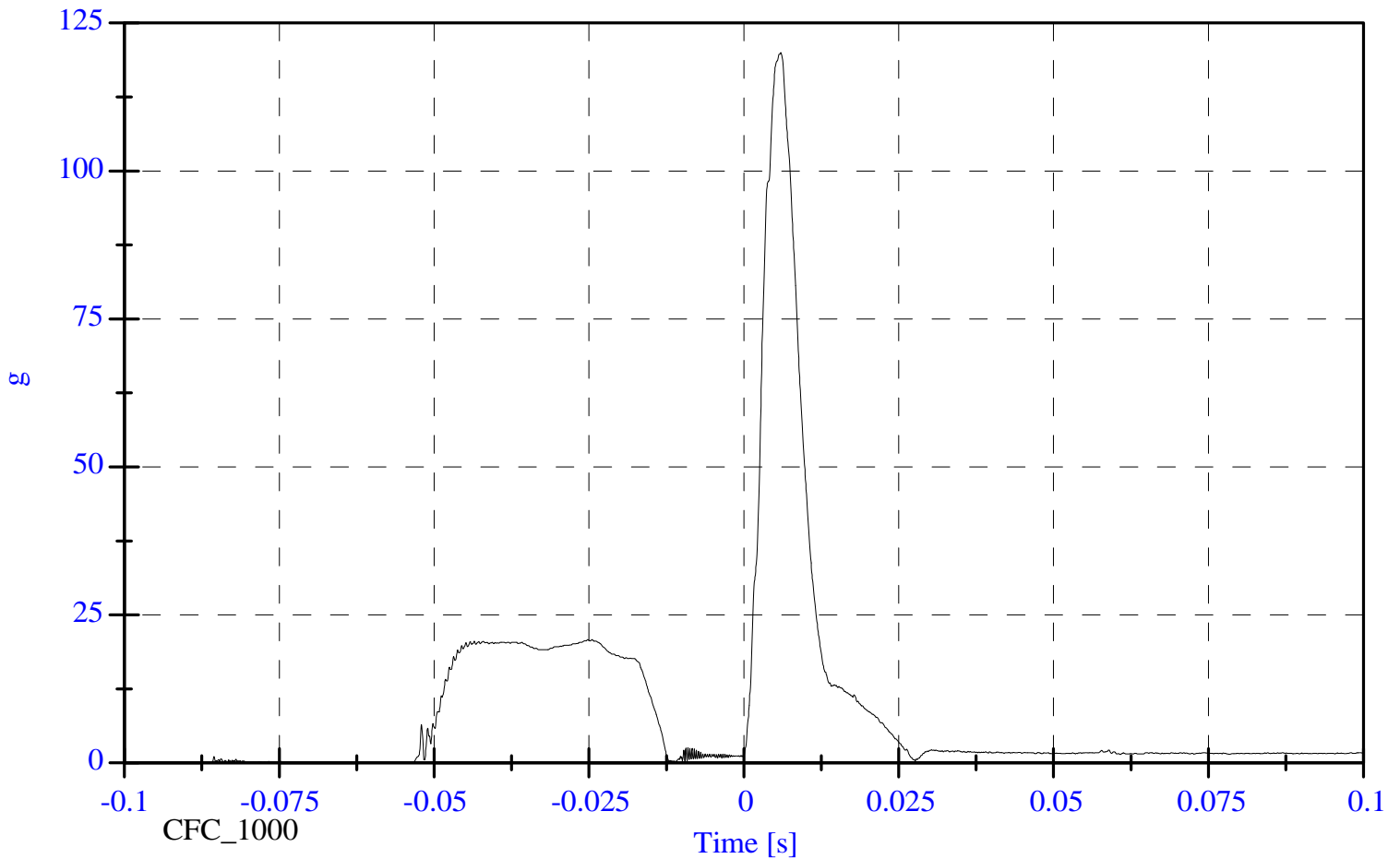
Maximum: 120.0 g

Average Acceleration: 8.8 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 120.0 [g] at 0.006 [s]

Min: 0.0 [g] at -0.086 [s]

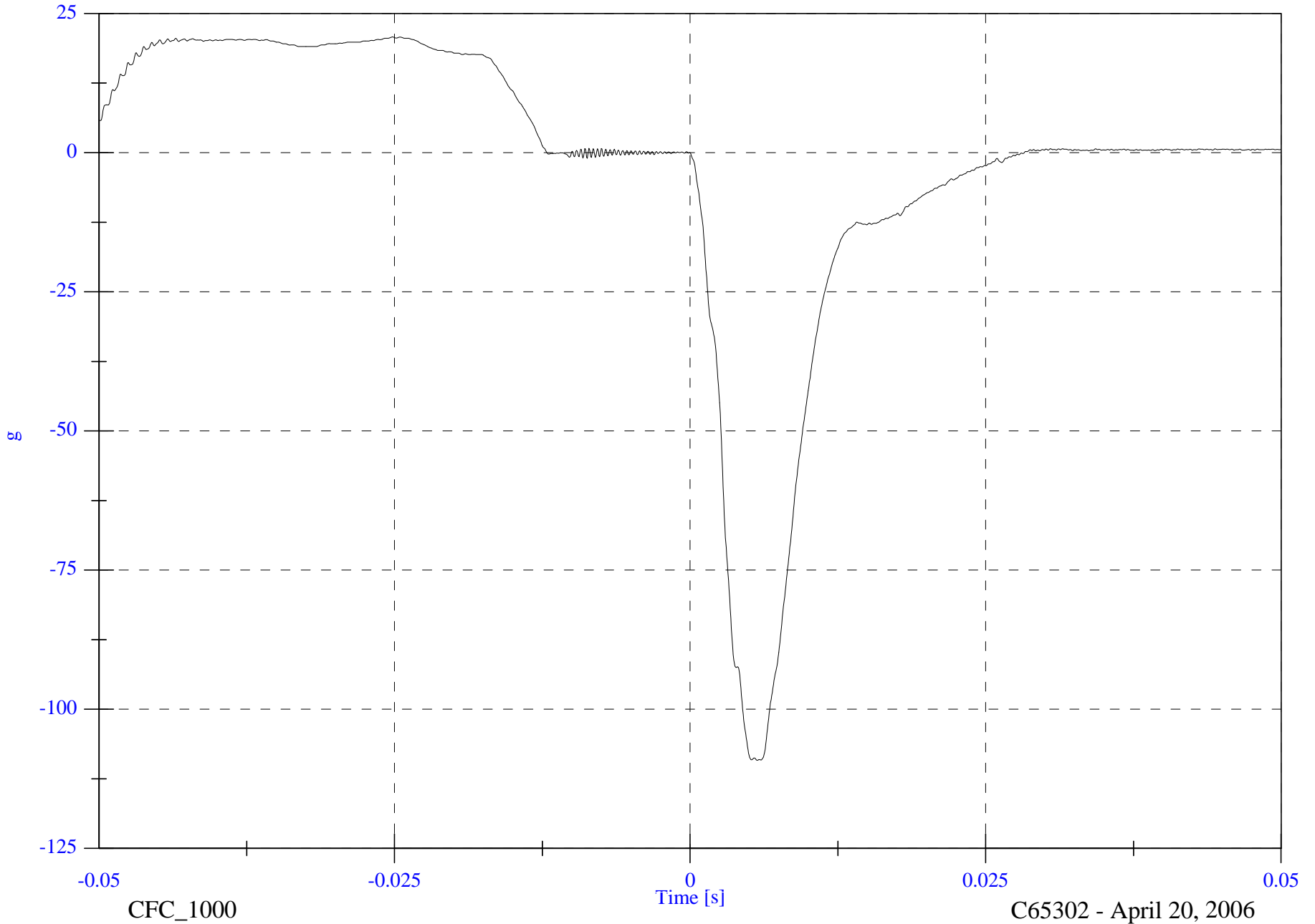


FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform X Acceleration

Max: 20.8 [g] at -0.025 [s]

Min: -109.2 [g] at 0.006 [s]



C65302 DRIVER SIDE BP3 IMPACT PLOT#1

8754+FMH-11

CFC_1000

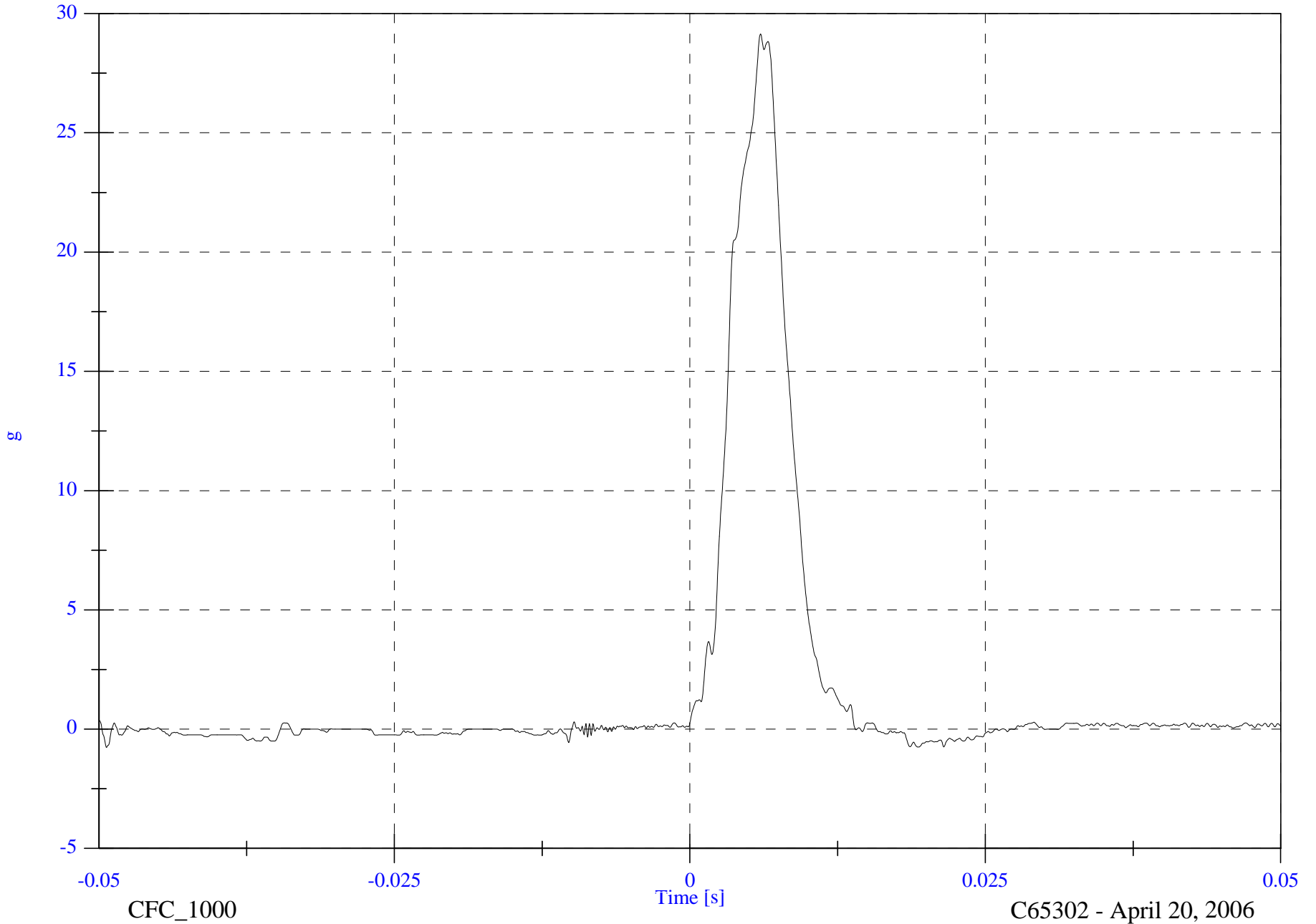
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Y Acceleration

Max: 29.1 [g] at 0.006 [s]

Min: -0.8 [g] at -0.049 [s]



C65302 DRIVER SIDE BP3 IMPACT PLOT#2

8754+FMH-11

CFC_1000

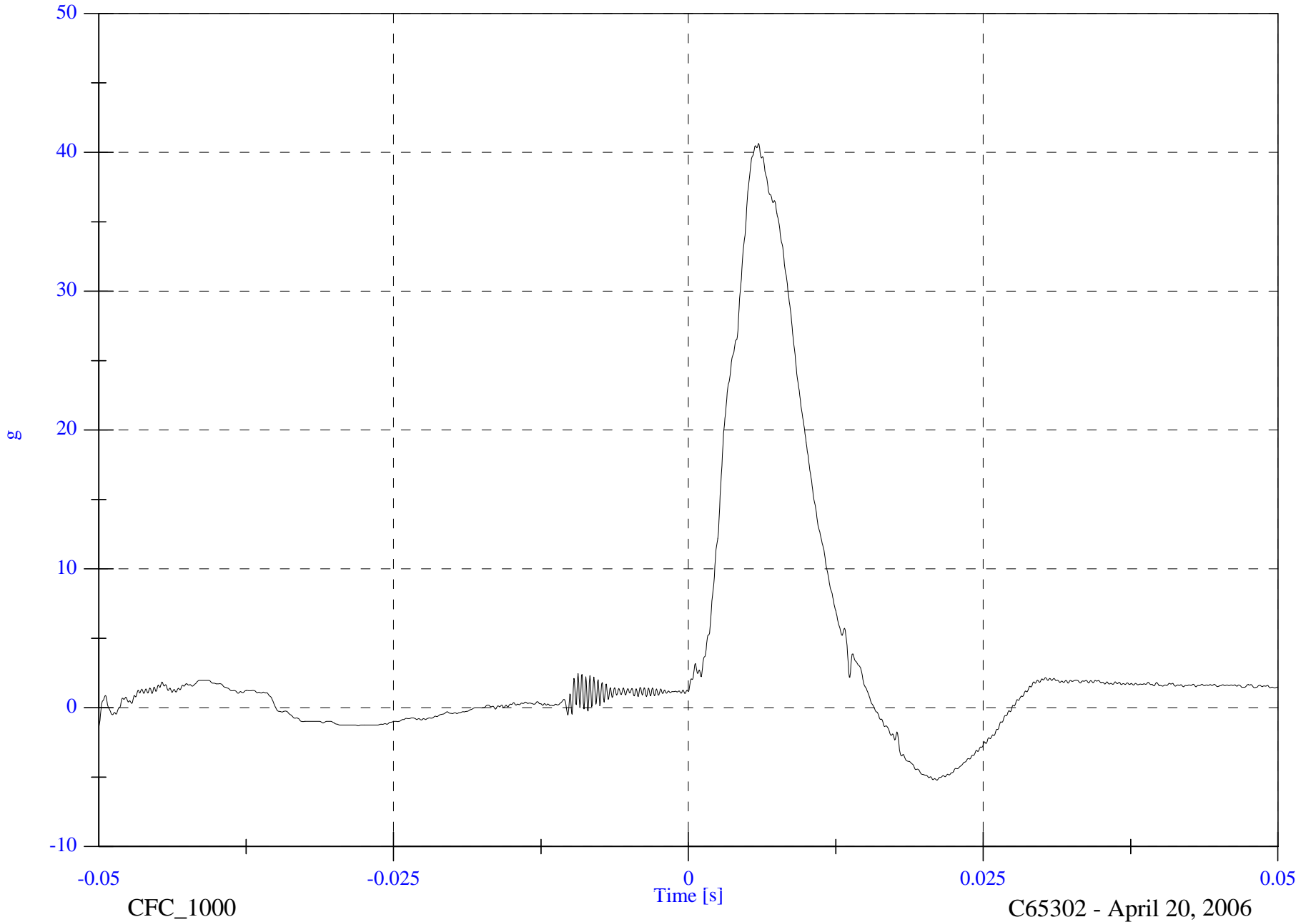
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Z Acceleration

Max: 40.6 [g] at 0.006 [s]

Min: -5.2 [g] at 0.021 [s]



C65302 DRIVER SIDE BP3 IMPACT PLOT#3

8754+FMH-11

CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

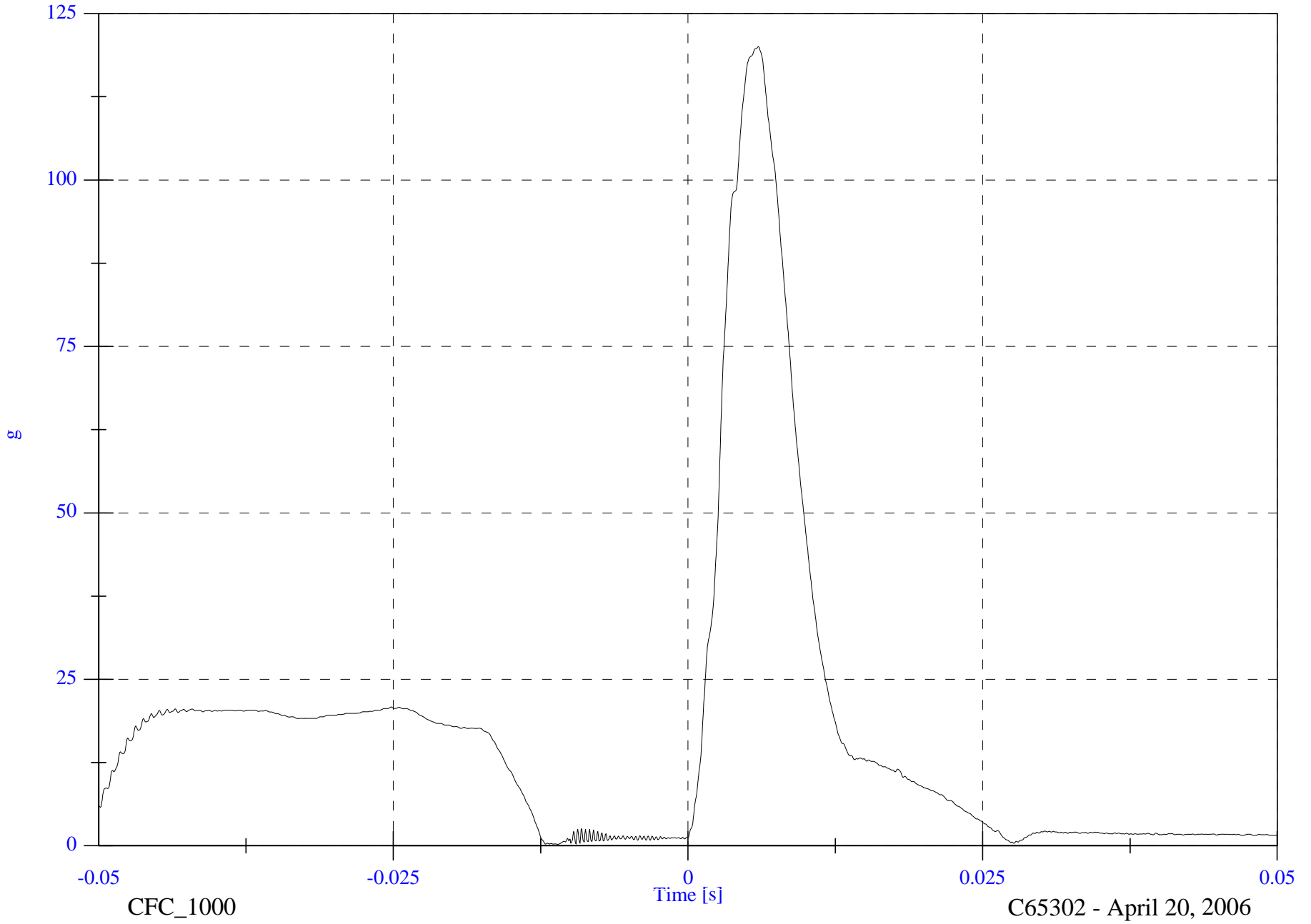
Headform Resultant

Max: 120.0 [g] at 0.006 [s]

Min: 0.2 [g] at -0.011 [s]

C65302 DRIVER SIDE BP3 IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

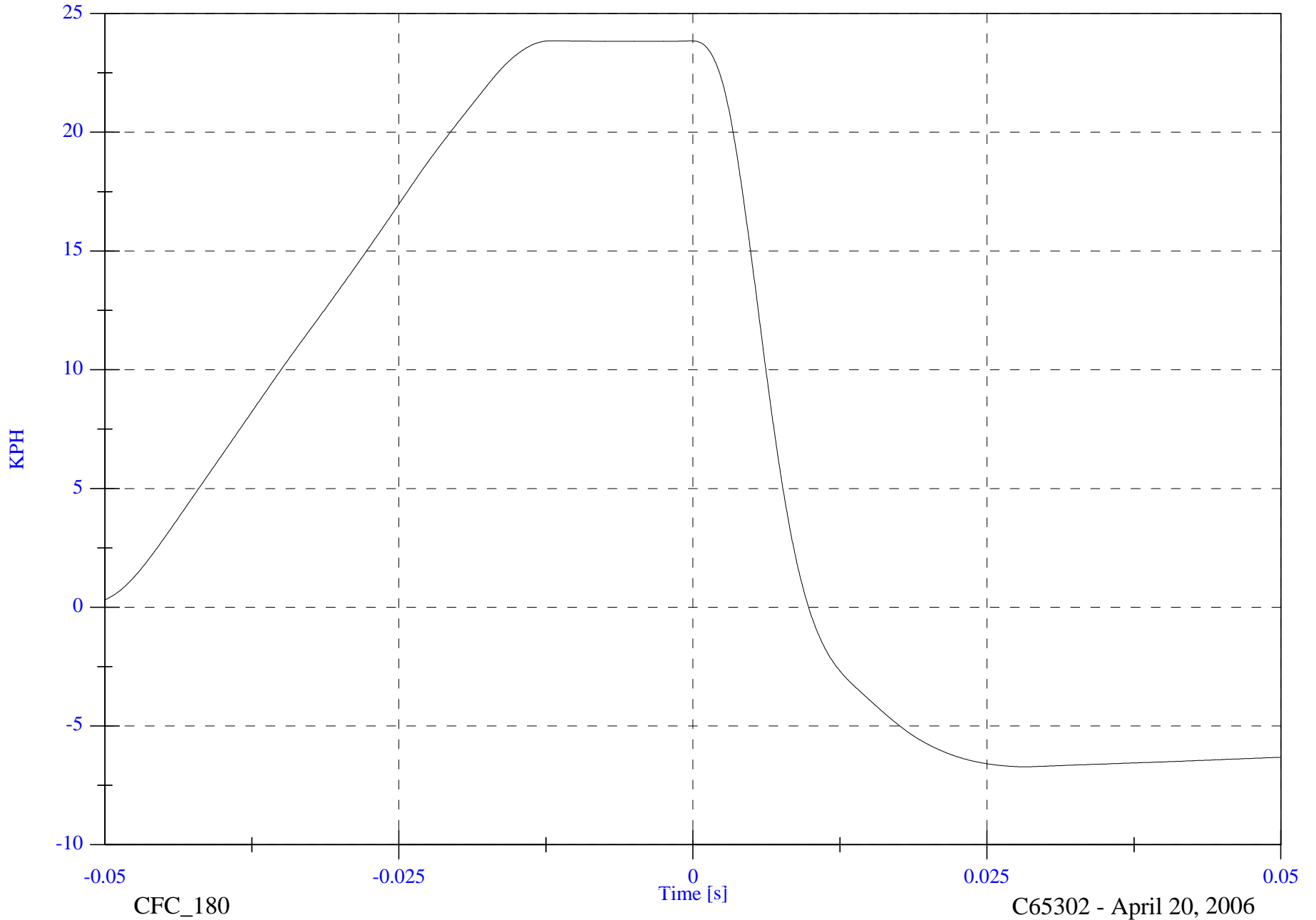
Headform Velocity

Max: 23.9 [KPH] at -0.012 [s]

Min: -6.7 [KPH] at 0.028 [s]

C65302 DRIVER SIDE BP3 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 20, 2006



PRE-IMPACT BP3



POST-IMPACT BP3

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	11
Test Date:	04/20/06
Target Location:	A-PILLAR
Target Code:	AP2
Horizontal Impact Angle:	222°
Vertical Impact Angle:	50°
Ambient Temperature:	23.2°C
Relative Humidity:	28.9
Time of Impact:	10:10
Headform Number:	1255

Impact Point Description (from lower midpoint on midsagittal line)					
On Centerline	0	<input type="checkbox"/>	mm right	<input type="checkbox"/>	mm left
On Centerline	27				mm up



POST-IMPACT AP2 HEADFORM

Free Motion HIC	649.8
HIC(d)	656.6
Impact Velocity (kph)	18.83
HIC T1 (msec)	4.5
HIC T2 (msec)	7.7

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - AP2

FMH Headform 1255

Location: AP2

Test Date: April 20, 2006

Work File: AP2

-----TEST RESULTS-----

Lab Temperature: 23.2 C

HICd: 656.6

Lab Humidity: 28.9 %

HIC (36ms): 649.8

Velocity at Impact: 18.83 KPH

t1: 4.5 msec

t2: 7.7 msec

Free Flight Distance: 216.03 mm

Duration: 3.3 msec

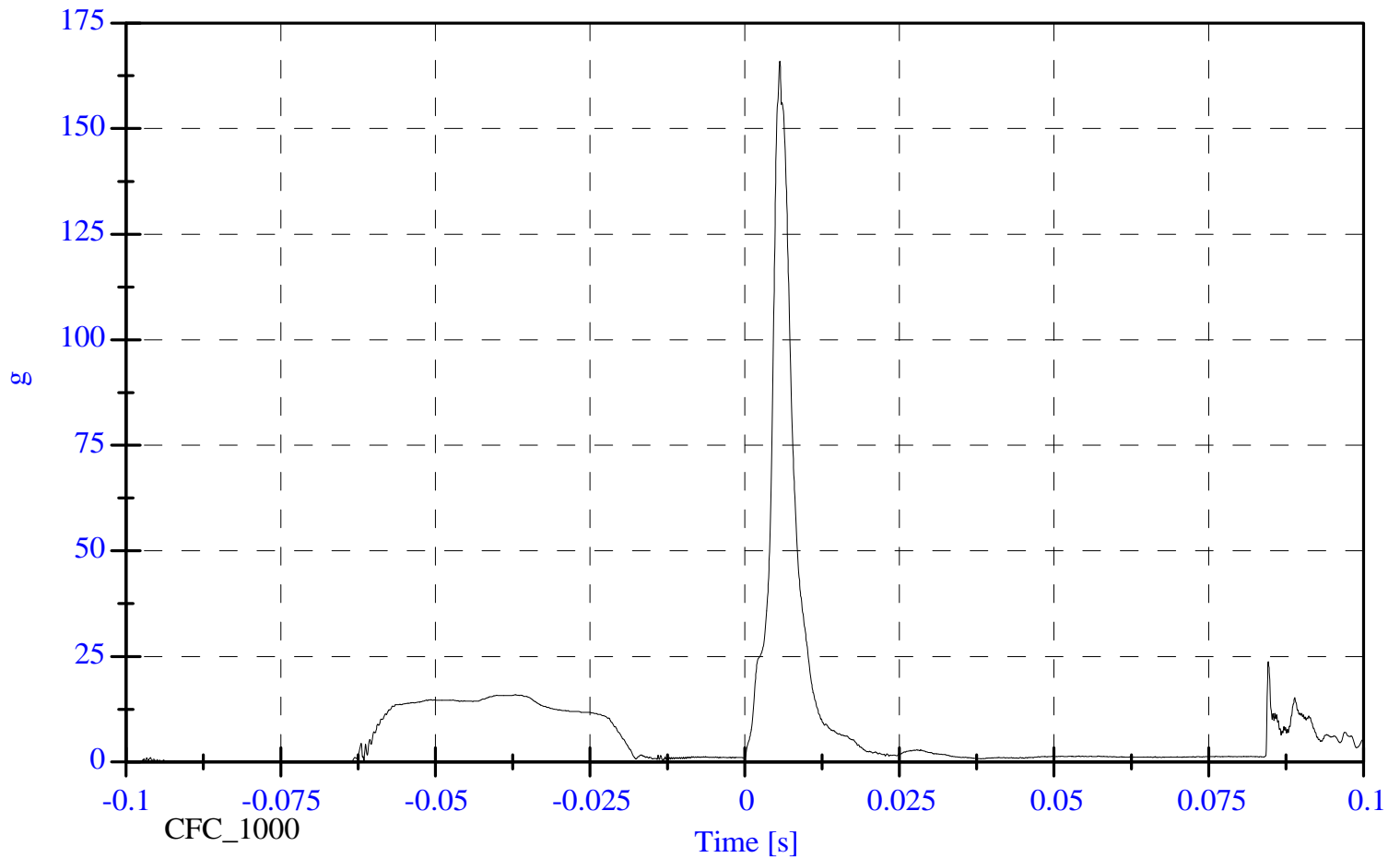
Maximum: 165.9 g

Average Acceleration: 7.6 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 165.9 [g] at 0.006 [s]

Min: 0.0 [g] at -0.084 [s]

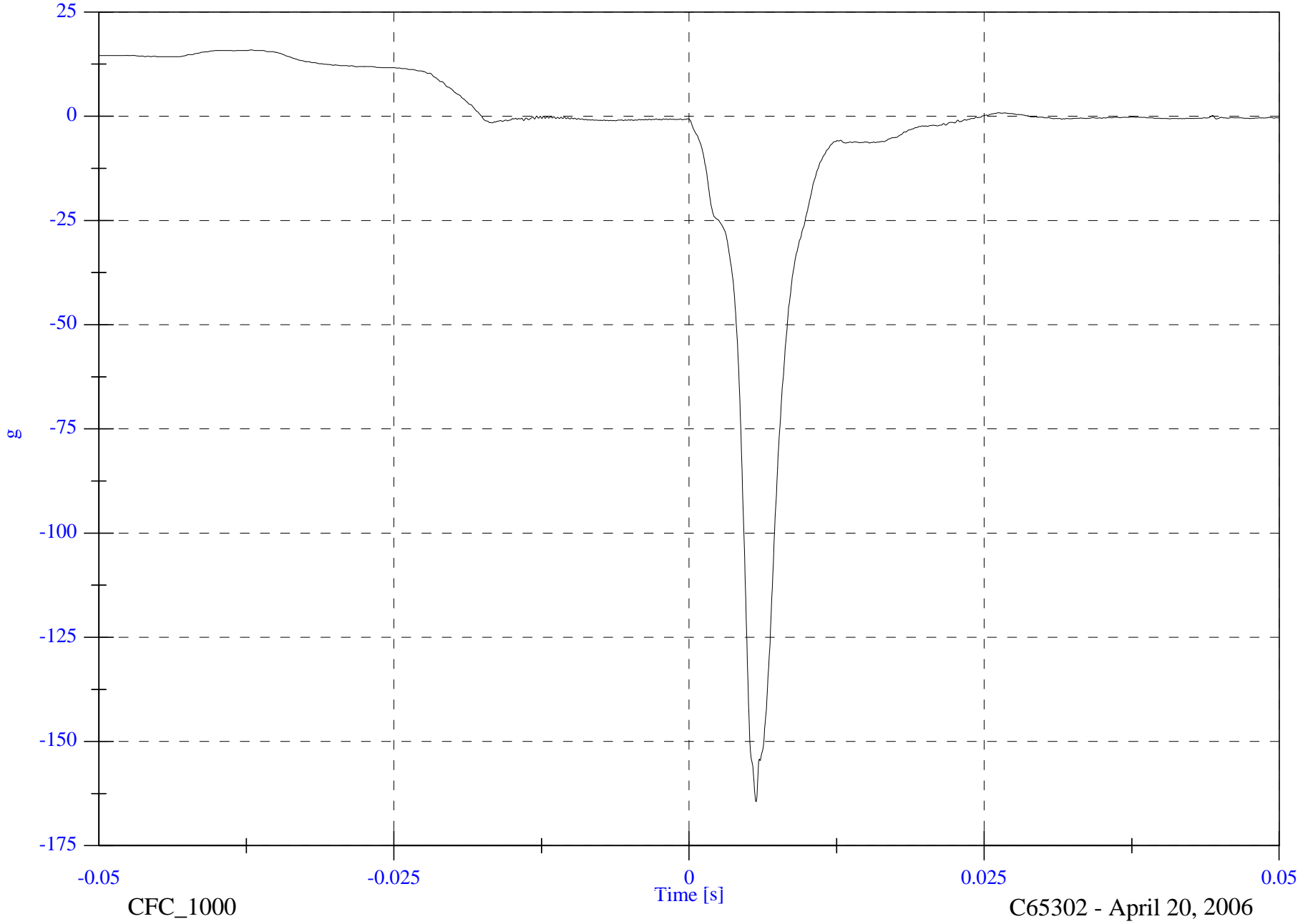


FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform X Acceleration

Max: 15.9 [g] at -0.037 [s]

Min: -164.4 [g] at 0.006 [s]



C65302 DRIVER SIDE AP2 IMPACT PLOT#1

8754+FMH-11

CFC_1000

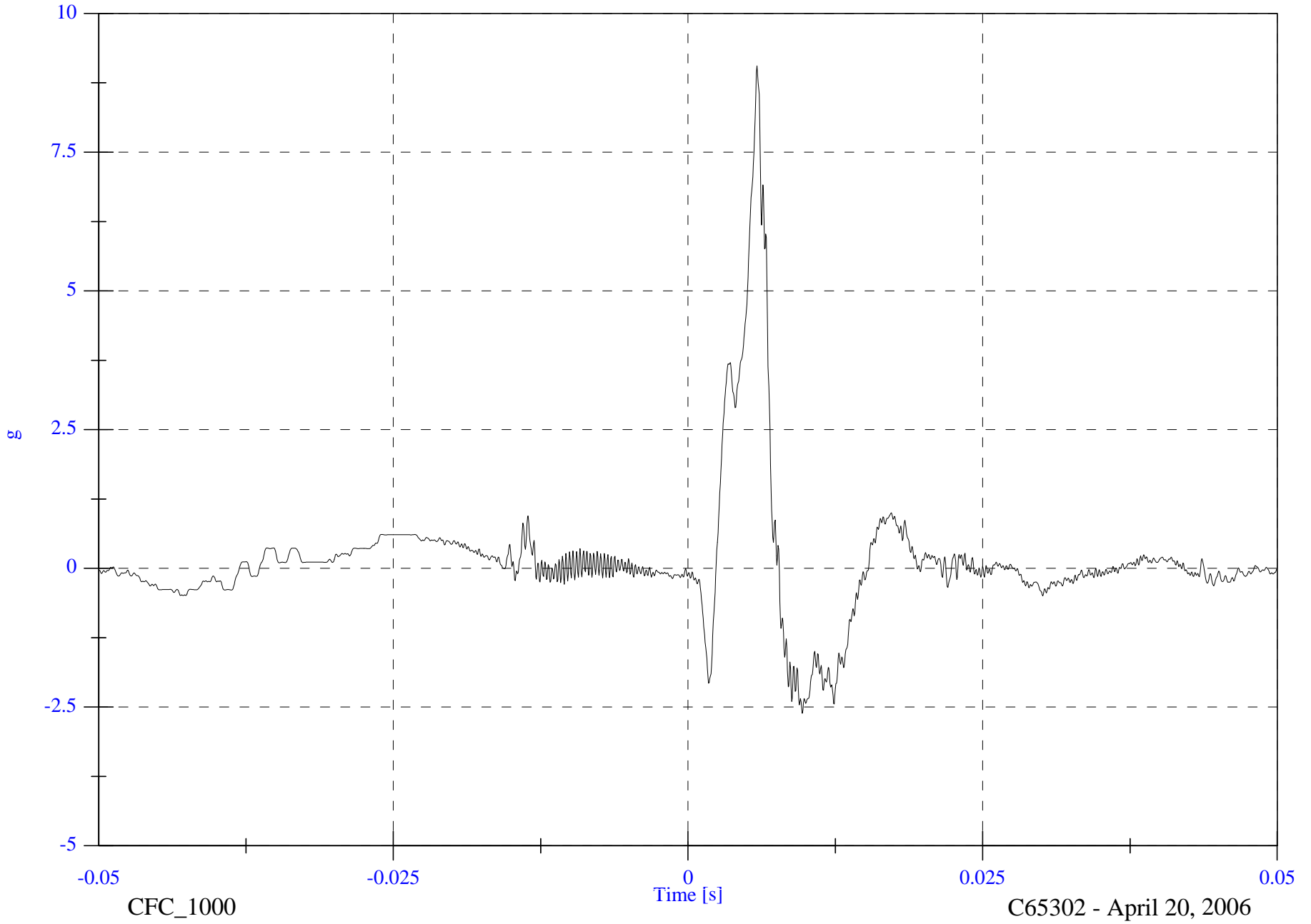
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Y Acceleration

Max: 9.1 [g] at 0.006 [s]

Min: -2.6 [g] at 0.010 [s]



C65302 DRIVER SIDE AP2 IMPACT PLOT#2

8754+FMH-11

CFC_1000

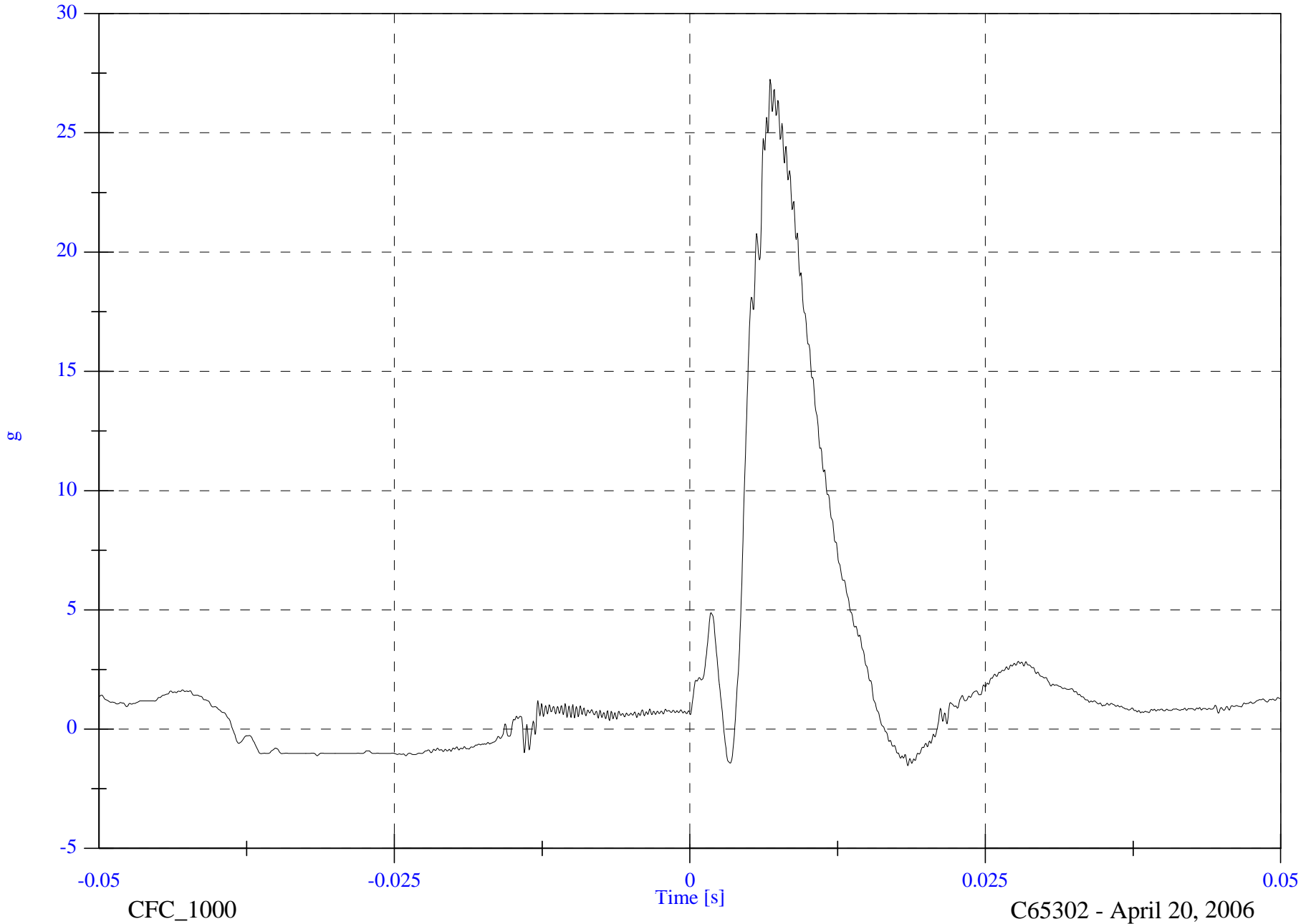
C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Z Acceleration

Max: 27.2 [g] at 0.007 [s]

Min: -1.5 [g] at 0.018 [s]



C65302 DRIVER SIDE AP2 IMPACT PLOT#3

8754+FMH-11

CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

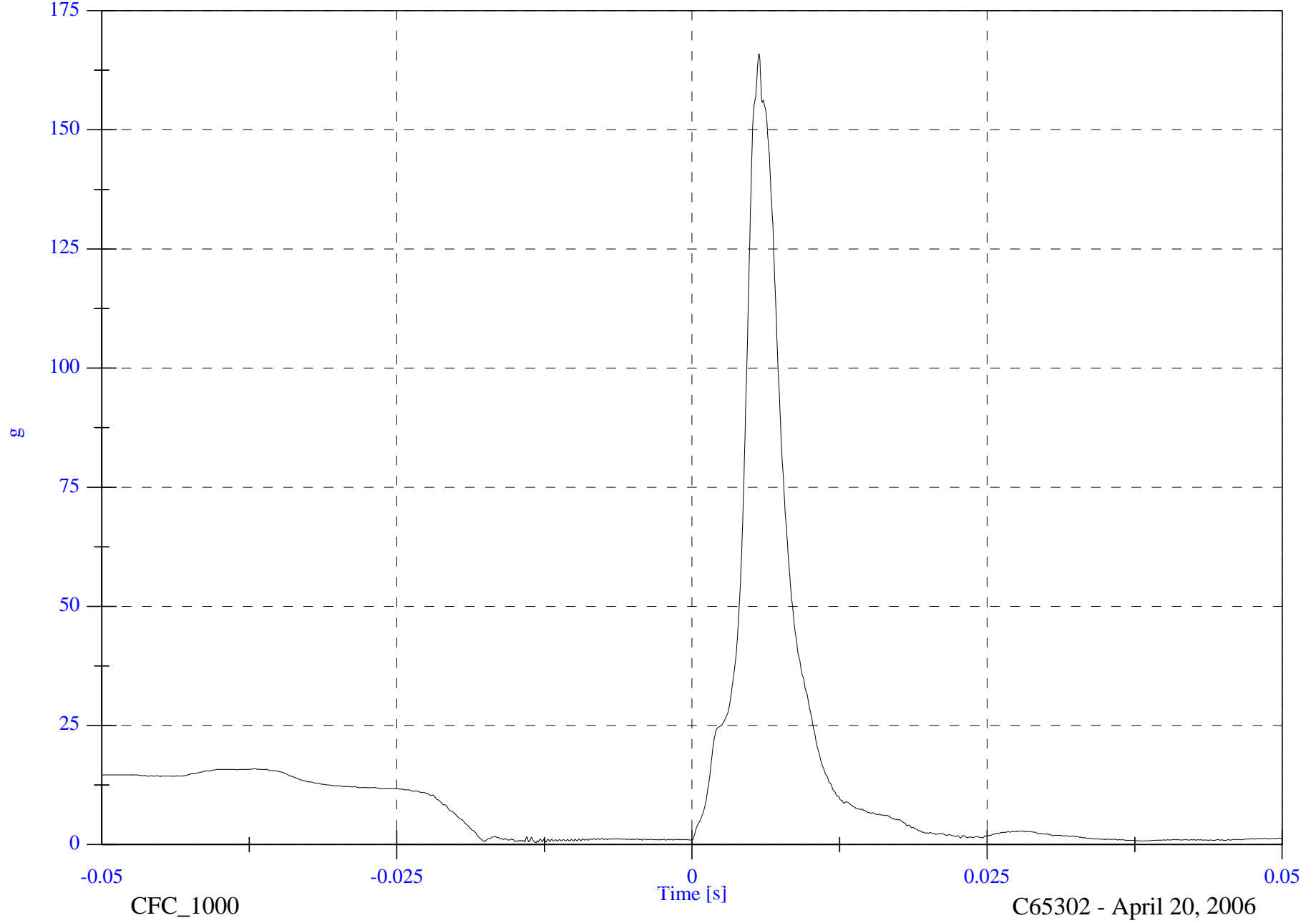
Headform Resultant

Max: 165.9 [g] at 0.006 [s]

Min: 0.4 [g] at -0.013 [s]

C65302 DRIVER SIDE AP2 IMPACT PLOT#4

8754+FMH-11



FMVSS 201U IMPACT TEST - 2006 Honda Civic

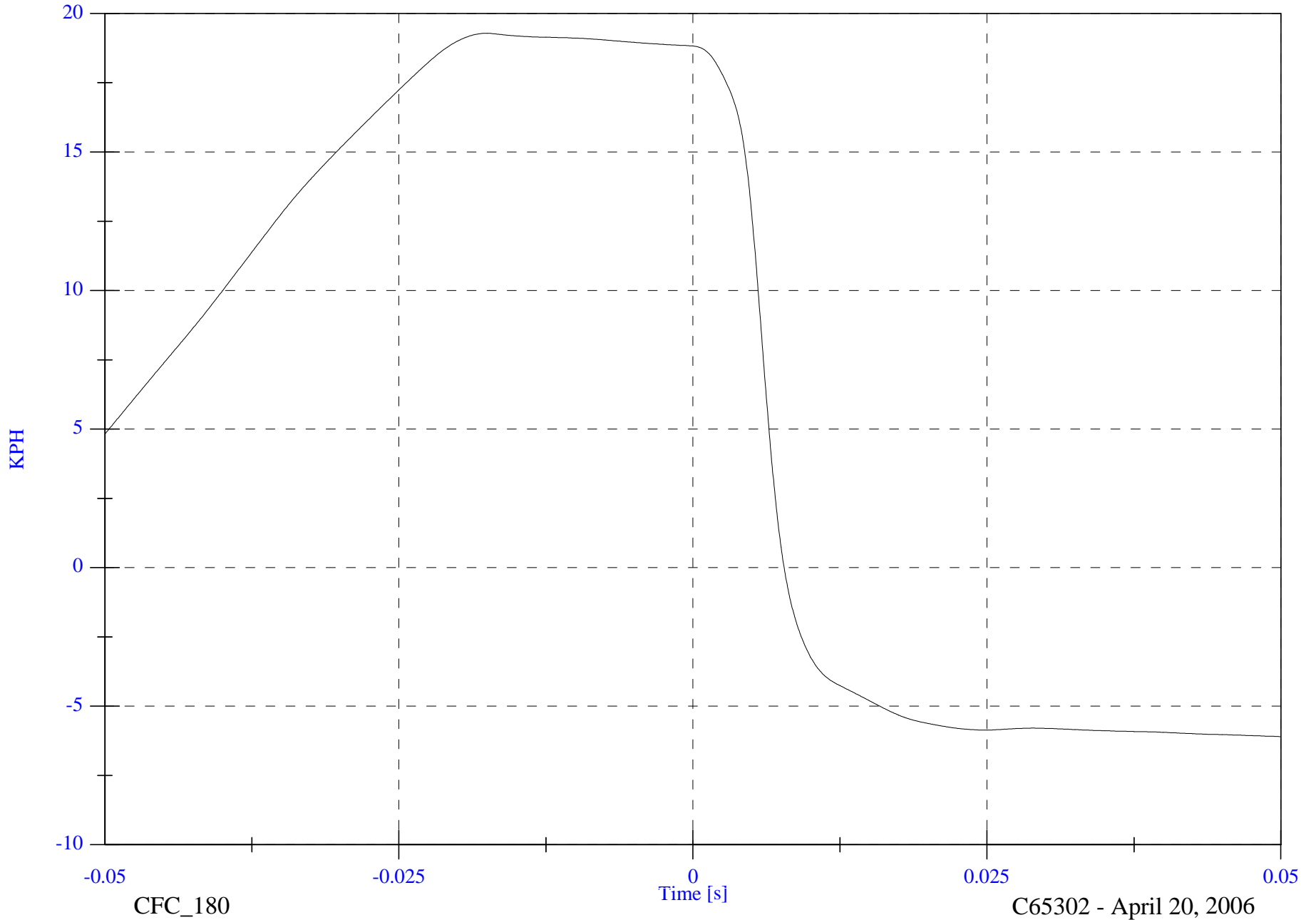
Headform Velocity

Max: 19.3 [KPH] at -0.018 [s]

Min: -6.1 [KPH] at 0.050 [s]

C65302 DRIVER SIDE AP2 IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 20, 2006



PRE-IMPACT AP2



POST-IMPACT AP2

VEHICLE YEAR/MAKE/MODEL/STYLE:	2006 Honda Civic 4dr LX
VIN:	1HGFA16576L054629
DATE OF MANUFACTURE:	01/06 (SEE CERTIFICATION LABEL)
COLOR:	Blue

Test Number:	12
Test Date:	04/20/06
Target Location:	UPPER ROOF
Target Code:	URBP Driver
Horizontal Impact Angle:	270°
Vertical Impact Angle:	50°
Ambient Temperature:	23.1°C
Relative Humidity:	29.2
Time of Impact:	10:45
Headform Number:	0805

Impact Point Description (from lower midpoint on midsagittal line)			
On Centerline	7	mm right	x mm left
On Centerline	33	mm up	



POST-IMPACT URBP Driver HEADFORM

Free Motion HIC	890.8
HIC(d)	838.5
Impact Velocity (kph)	23.48
HIC T1 (msec)	3.6
HIC T2 (msec)	9.3

FMVSS 201U IMPACT TEST - 2006 Honda Civic C65302 - URBP

FMH Headform 805

Location: URBP

Test Date: April 20, 2006

Work File: URBP

-----TEST RESULTS-----

Lab Temperature: 23.1 C

HICd: 838.5

Lab Humidity: 29.2 %

HIC (36ms): 890.8

Velocity at Impact: 23.48 KPH

t1: 3.6 msec

t2: 9.3 msec

Free Flight Distance: 221.88 mm

Duration: 5.7 msec

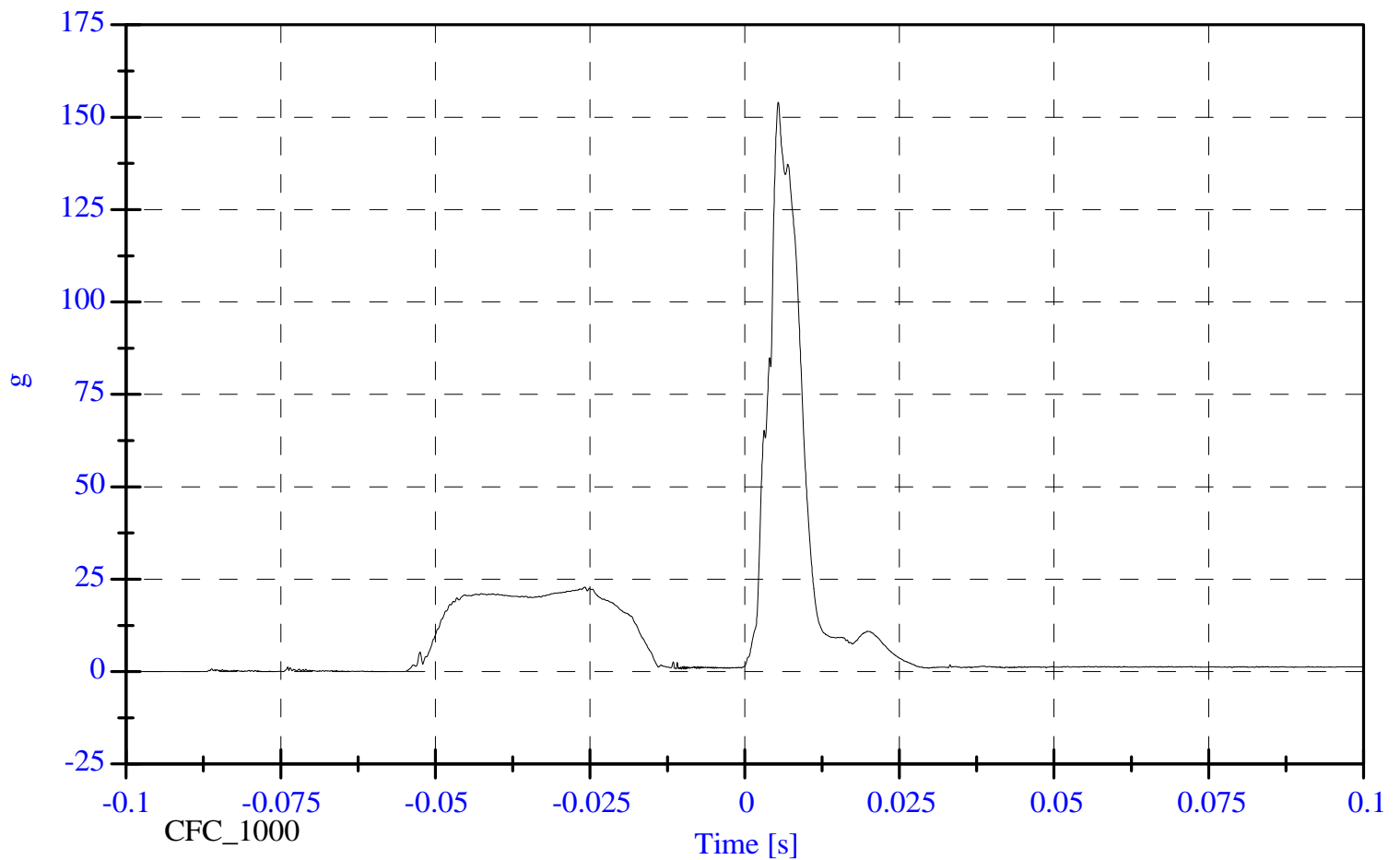
Maximum: 154.1 g

Average Acceleration: 9.0 g

FMVSS 201U IMPACT TEST - 2006 Honda Civic
Headform Resultant

Max: 154.1 [g] at 0.005 [s]

Min: -0.0 [g] at -0.099 [s]

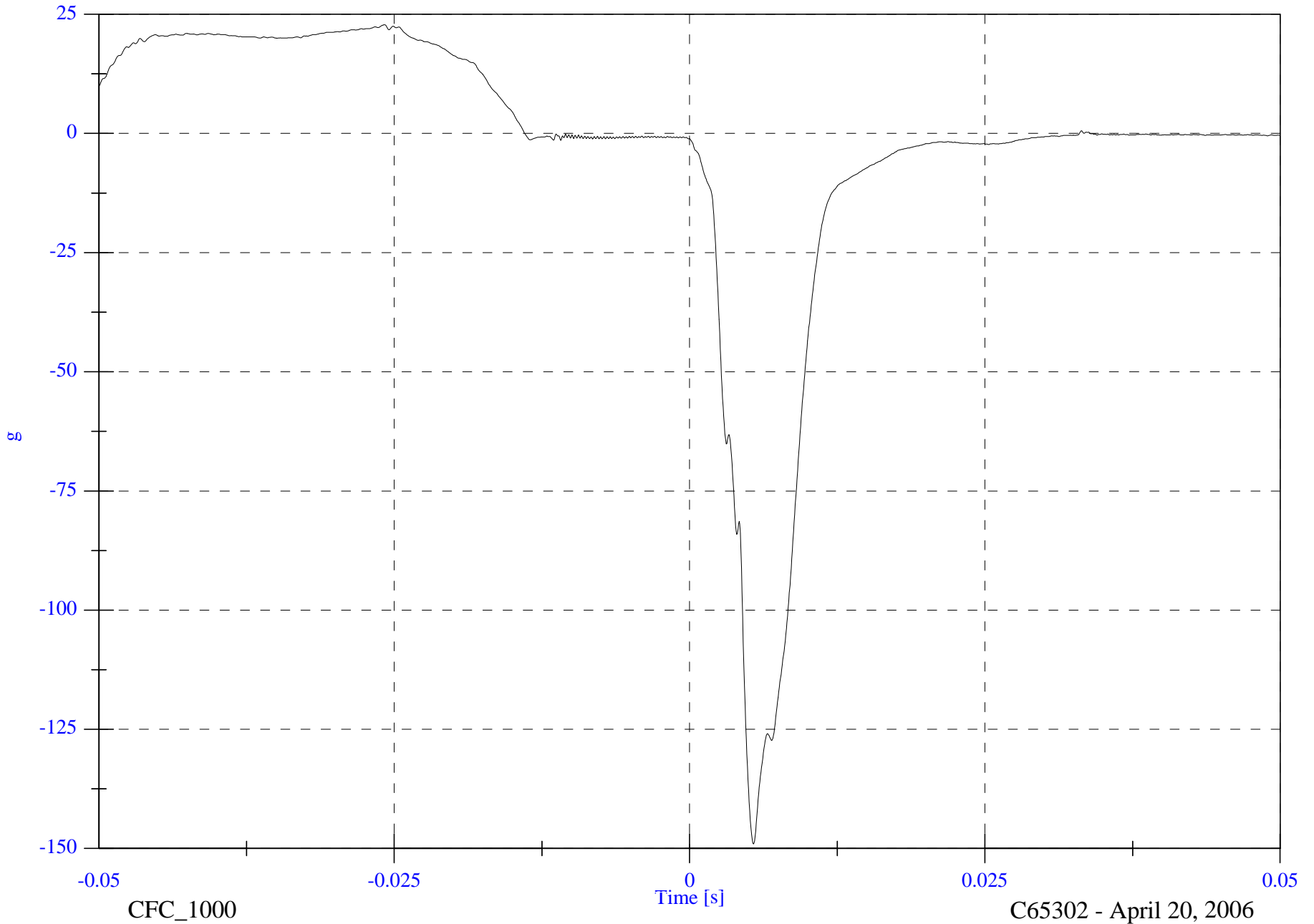


FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform X Acceleration

Max: 22.8 [g] at -0.026 [s]

Min: -149.1 [g] at 0.005 [s]



C65302 DRIVER SIDE URBP IMPACT PLOT#1

8754+FMH-11

CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

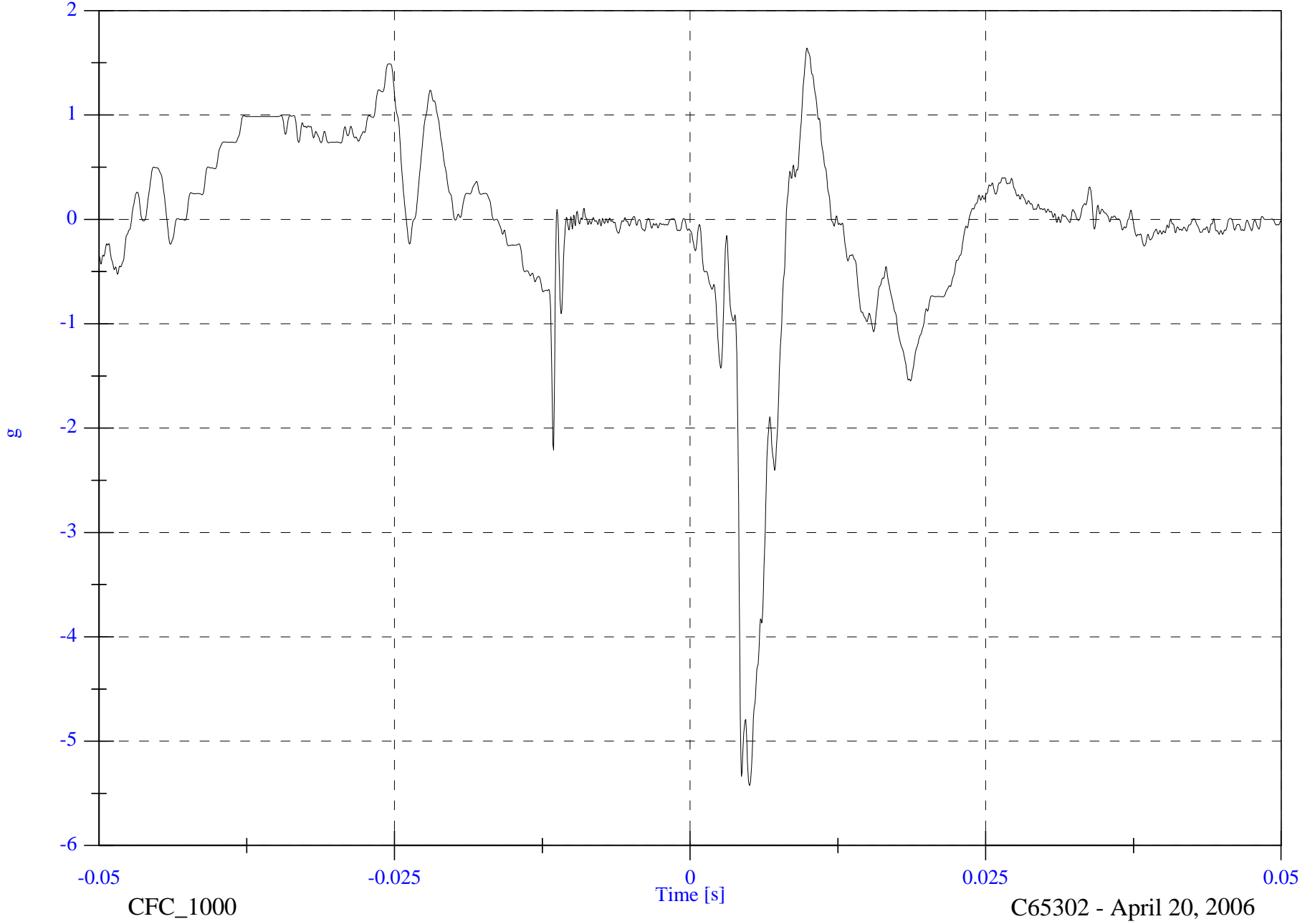
Headform Y Acceleration

Max: 1.6 [g] at 0.010 [s]

Min: -5.4 [g] at 0.005 [s]

C65302 DRIVER SIDE URBP IMPACT PLOT#2

8754+FMH-11

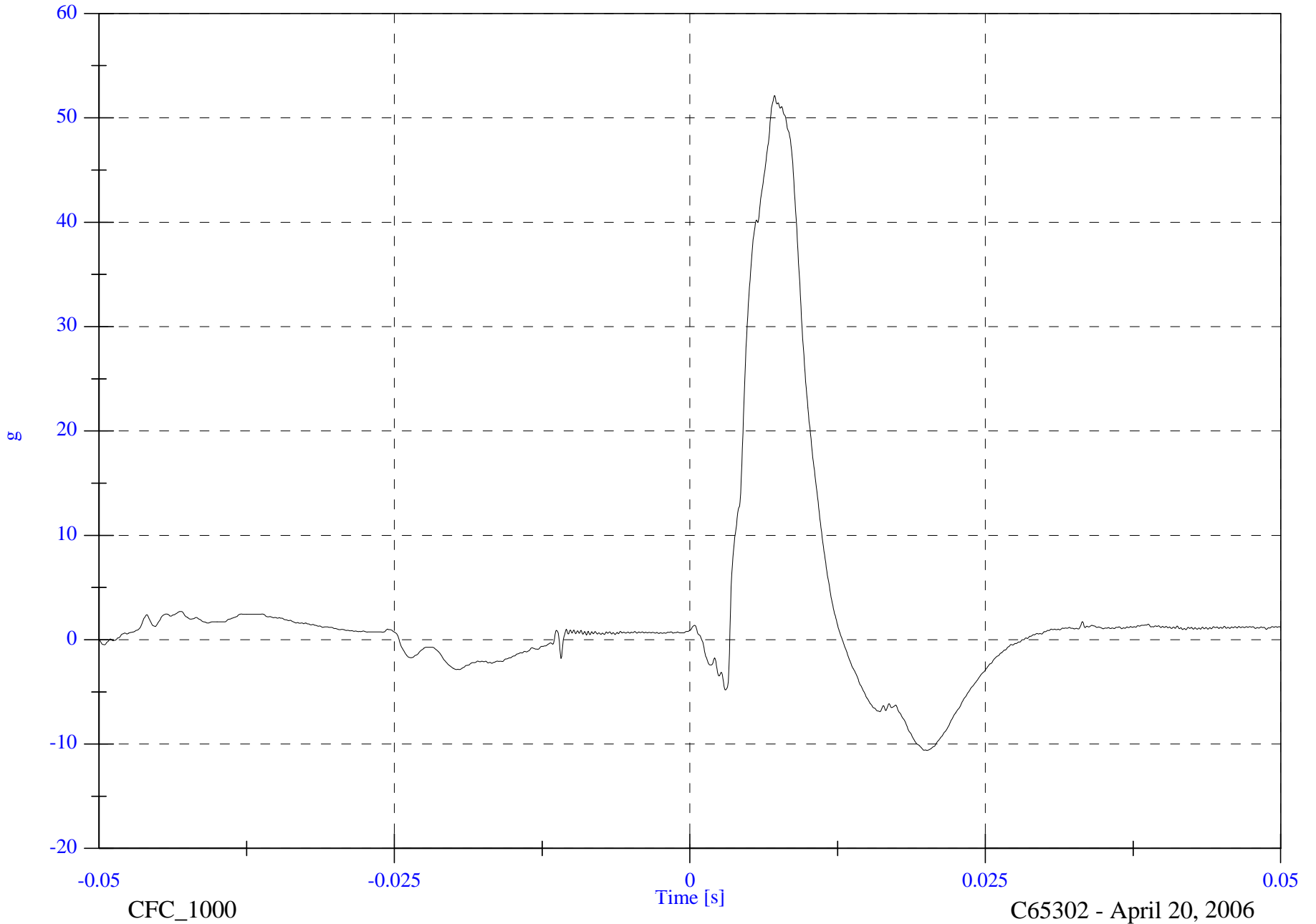


FMVSS 201U IMPACT TEST - 2006 Honda Civic

Headform Z Acceleration

Max: 52.1 [g] at 0.007 [s]

Min: -10.6 [g] at 0.020 [s]



C65302 DRIVER SIDE URBP IMPACT PLOT#3

8754+FMH-11

CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

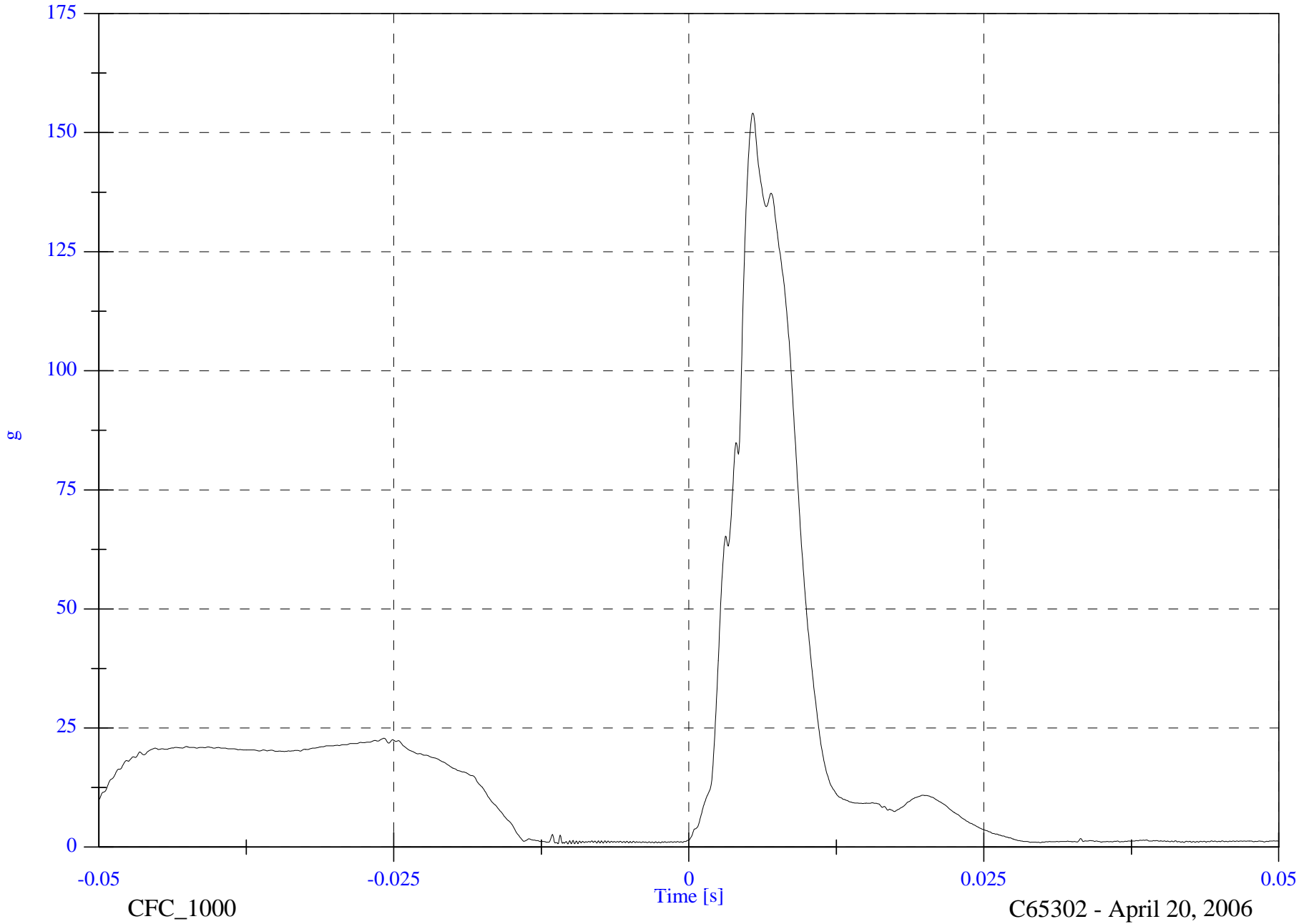
Headform Resultant

Max: 154.1 [g] at 0.005 [s]

Min: 0.6 [g] at -0.010 [s]

C65302 DRIVER SIDE URBP IMPACT PLOT#4

8754+FMH-11



CFC_1000

C65302 - April 20, 2006

FMVSS 201U IMPACT TEST - 2006 Honda Civic

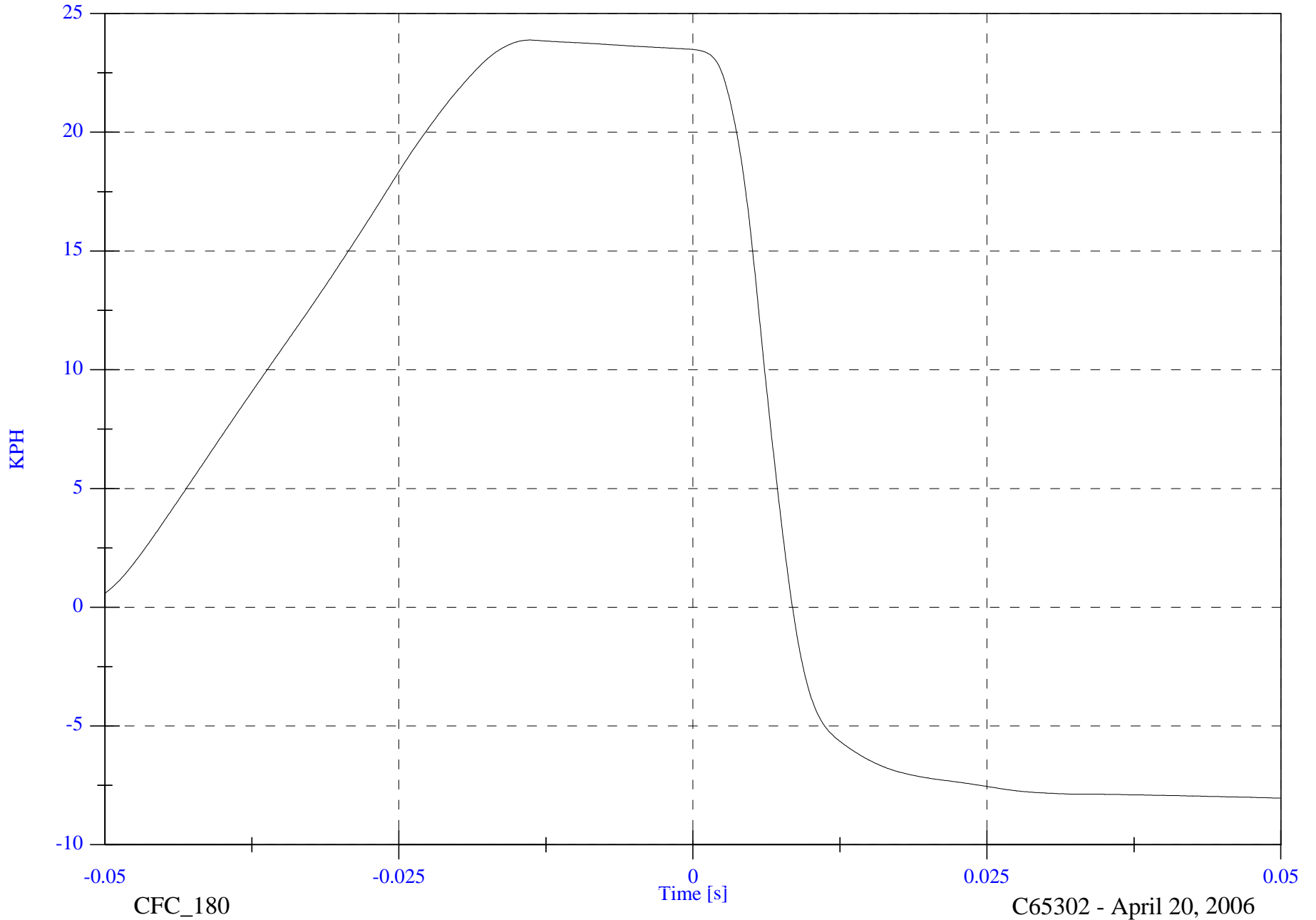
Headform Velocity

Max: 23.9 [KPH] at -0.014 [s]

Min: -8.0 [KPH] at 0.050 [s]

C65302 DRIVER SIDE URBP IMPACT PLOT#5

8754+FMH-11



CFC_180

C65302 - April 20, 2006



PRE-IMPACT URBP Driver



POST-IMPACT URBP Driver

APPENDIX A

PHOTOGRAPHS

PHOTOGRAPHS

FIGURE	VIEW
A-1	LEFT SIDE VIEW OF VEHICLE
A-2	RIGHT SIDE VIEW OF VEHICLE
A-3	3/4 FRONTAL VIEW FROM RIGHT SIDE OF VEHICLE
A-4	3/4 REAR VIEW FROM LEFT SIDE OF VEHICLE
A-5	VEHICLE'S CERTIFICATION LABEL
A-6	VEHICLE'S TIRE INFORMATION LABEL
A-7	PRE-TEST DRIVER SIDE A-PILLAR
A-8	PRE-TEST DRIVER SIDE FRONT HEADER
A-9	PRE-TEST DRIVER SIDE SIDE RAIL
A-10	PRE-TEST DRIVER SIDE B-PILLAR
A-11	PRE-TEST DRIVER SIDE REAR PILLAR
A-12	PRE-TEST PASSENGER SIDE A-PILLAR
A-13	PRE-TEST PASSENGER SIDE FRONT HEADER
A-14	PRE-TEST PASSENGER SIDE SIDE RAIL
A-15	PRE-TEST PASSENGER SIDE B-PILLAR
A-16	PRE-TEST PASSENGER SIDE REAR PILLAR
A-17	POST-TEST DRIVER SIDE A-PILLAR
A-18	POST-TEST DRIVER FRONT HEADER
A-19	POST-TEST DRIVER SIDE SIDE RAIL
A-20	POST-TEST DRIVER SIDE B-PILLAR
A-21	POST-TEST DRIVER SIDE REAR PILLAR
A-22	POST-TEST PASSENGER SIDE A-PILLAR
A-23	POST-TEST PASSENGER FRONT HEADER
A-24	POST-TEST PASSENGER SIDE SIDE RAIL
A-25	POST-TEST PASSENGER SIDE B-PILLAR
A-26	POST-TEST PASSENGER SIDE REAR PILLAR



Figure A-1 : LEFT SIDE VIEW OF VEHICLE



Figure A-2 : RIGHT SIDE VIEW OF VEHICLE



Figure A-3 : 3/4 FRONTAL VIEW FROM RIGHT SIDE OF VEHICLE



Figure A-4 : 3/4 REAR VIEW FROM LEFT SIDE OF VEHICLE



Figure A-5 : VEHICLE'S CERTIFICATION LABEL



Figure A-6 : VEHICLE'S TIRE INFORMATION LABEL



Figure A-7 : PRE-TEST DRIVER SIDE A-PILLAR



Figure A-8 : PRE-TEST DRIVER SIDE FRONT HEADER



Figure A-9 : PRE-TEST DRIVER SIDE SIDE RAIL



Figure A-10 : PRE-TEST DRIVER SIDE B-PILLAR



Figure A-11 : PRE-TEST DRIVER SIDE REAR PILLAR



Figure A-12 : PRE-TEST PASSENGER SIDE A-PILLAR



Figure A-13 : PRE-TEST PASSENGER SIDE FRONT HEADER



Figure A-14 : PRE-TEST PASSENGER SIDE SIDE RAIL



Figure A-15 : PRE-TEST PASSENGER SIDE B-PILLAR



Figure A-16 : PRE-TEST PASSENGER SIDE REAR PILLAR



Figure A-17 : POST-TEST DRIVER SIDE A-PILLAR



Figure A-18 : POST-TEST DRIVER SIDE FRONT HEADER



Figure A-19 : POST-TEST DRIVER SIDE SIDE RAIL



Figure A-20 : POST-TEST DRIVER SIDE B-PILLAR



Figure A-21 : POST-TEST DRIVER SIDE REAR PILLAR



Figure A-22 : POST-TEST PASSENGER SIDE A-PILLAR



Figure A-23 : POST-TEST PASSENGER SIDE FRONT HEADER



Figure A-24 : POST-TEST PASSENGER SIDE SIDE RAIL



Figure A-25 : POST-TEST PASSENGER SIDE B-PILLAR



Figure A-26 : POST-TEST PASSENGER SIDE REAR PILLAR

APPENDIX B

PART 572L PERFORMANCE CALIBRATION IN SUPPORT OF VEHICLE SAFETY COMPLIANCE TESTING FOR OCCUPANT PROTECTION IN INTERIOR IMPACT

Appendix B contains the results from certification tests performed on the Free Motion Headforms utilized in this test program. The results indicate that the headforms meet all of the performance specifications given in 49 CFR Part 572 Subpart L.

The tests were conducted at the Dummy Certification Test Facility of Calspan Corporation. A summary of the test results are included in this Appendix.

**PART 572L
HEAD DROP PRE-TEST**

MANUFACTURER:		FIRST TECHNOLOGY SAFETY SYSTEMS	
SERIAL NUMBER:		0642	
CALIBRATION DATE:		April 13, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	36	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	267.5	
PEAK LATERAL ACCELERATION	15 Gs Maximum	8.4	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

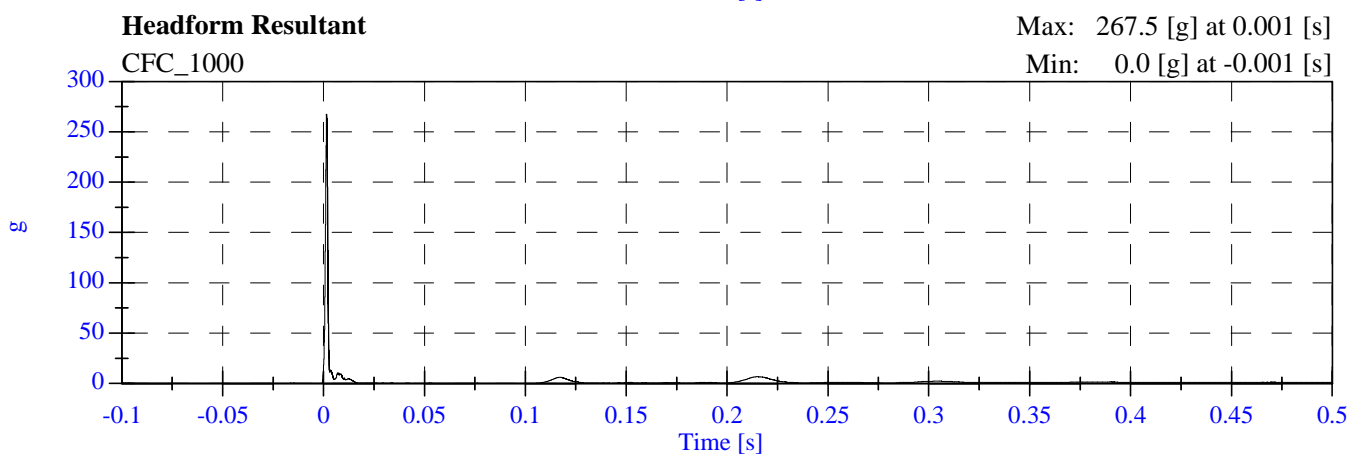
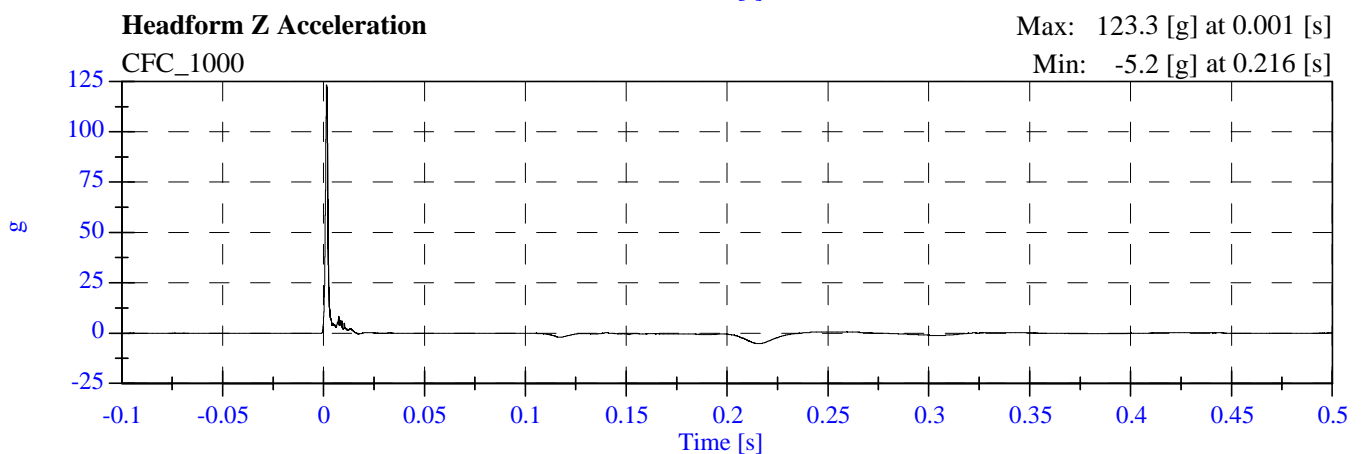
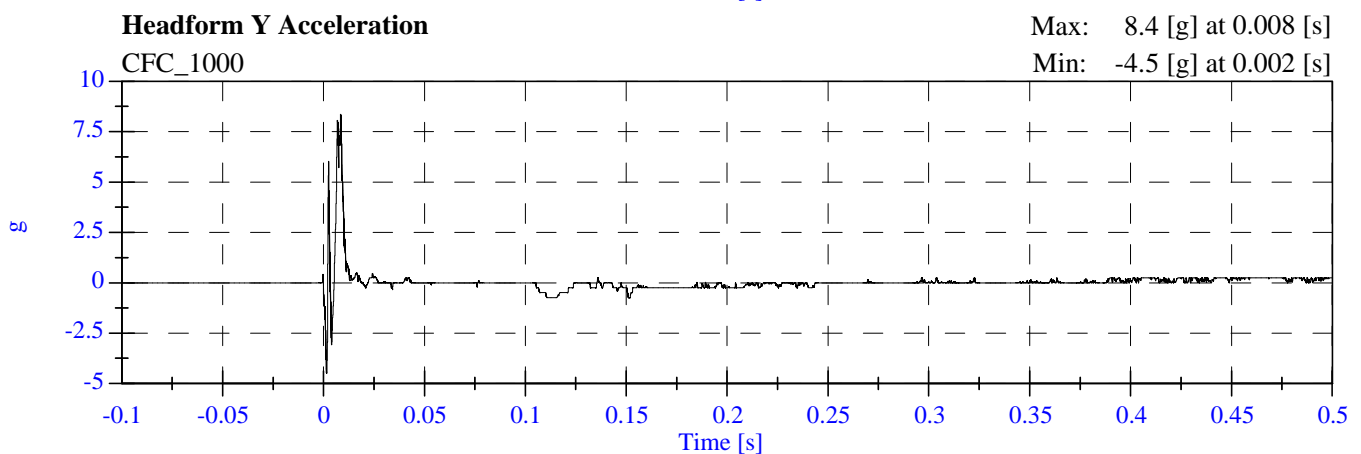
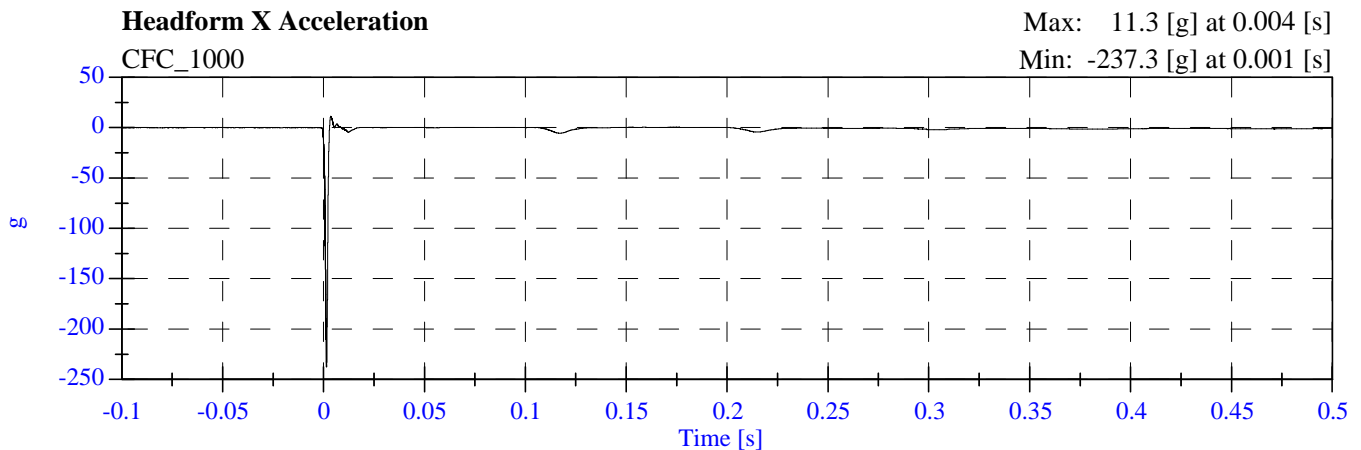
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J24876	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J33030	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J31009	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0642 - April 13, 2006



**PART 572L
HEAD DROP PRE-TEST**

MANUFACTURER:		DENTON ATD INC.	
SERIAL NUMBER:		0062	
CALIBRATION DATE:		April 13, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	36	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	261.2	
PEAK LATERAL ACCELERATION	15 Gs Maximum	10.1	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

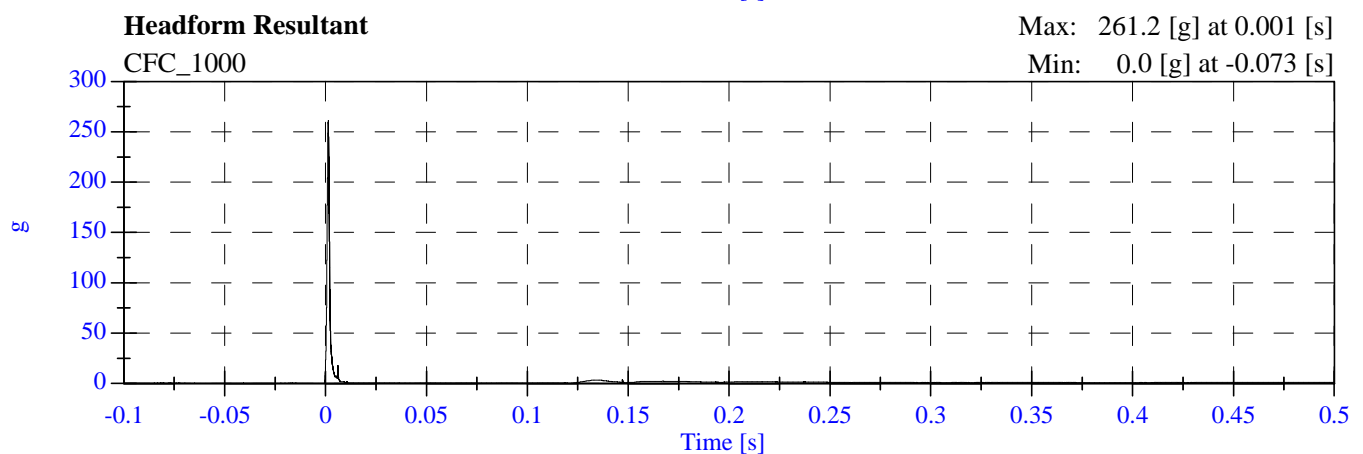
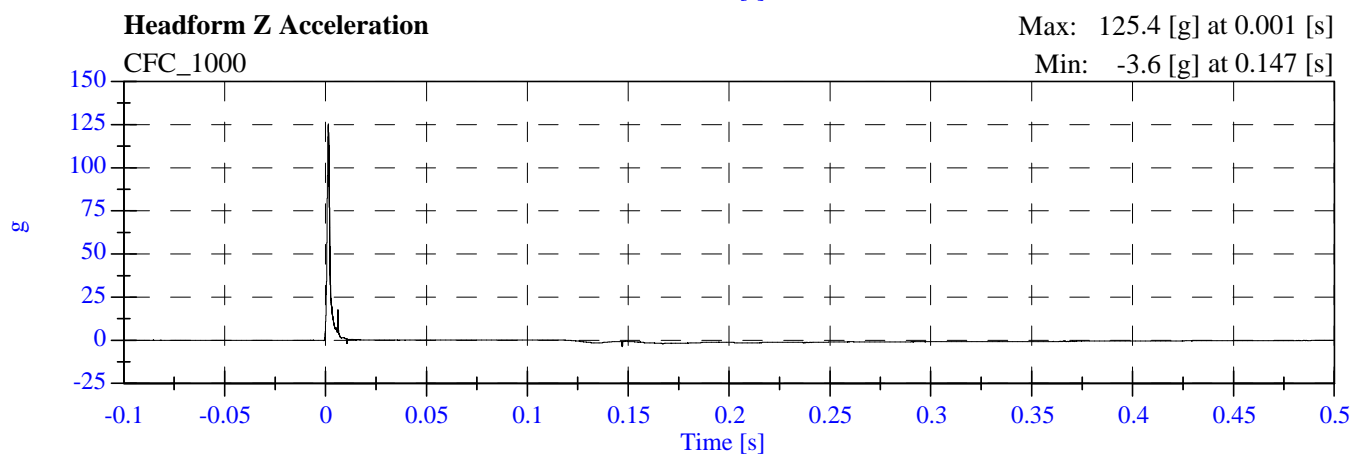
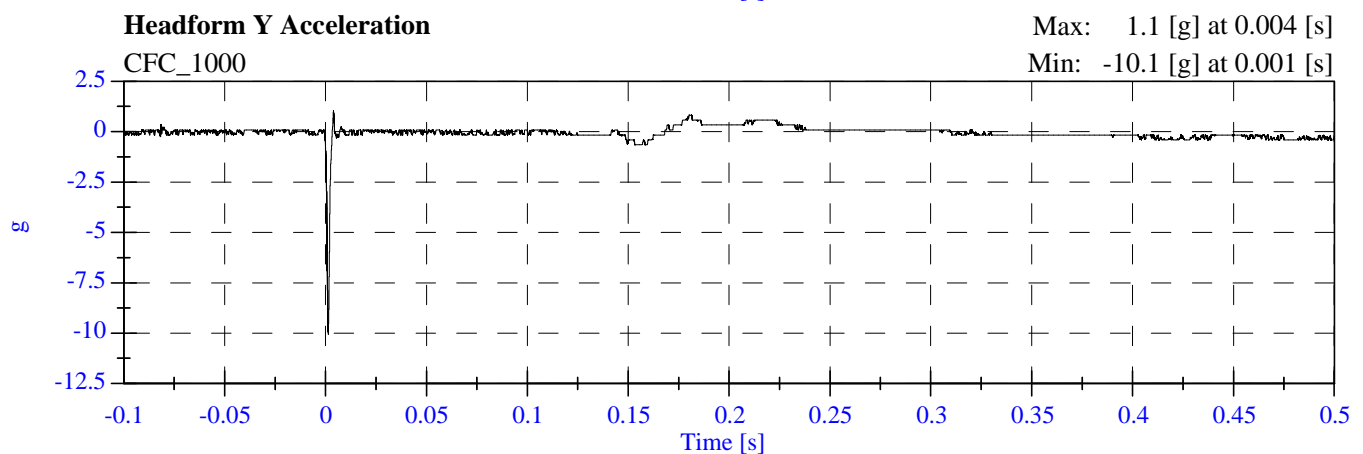
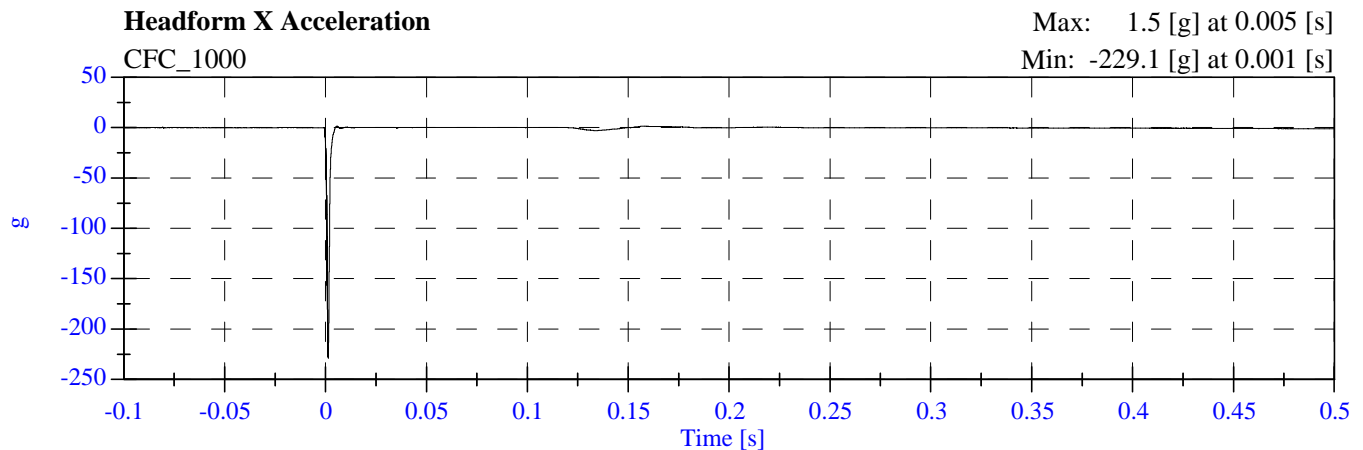
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J33127	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J33019	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J32782	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0062 - April 13, 2006



**PART 572L
HEAD DROP PRE-TEST**

MANUFACTURER:		FIRST TECHNOLOGY SAFETY SYSTEMS	
SERIAL NUMBER:		805	
CALIBRATION DATE:		April 13, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	36	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	255.2	
PEAK LATERAL ACCELERATION	15 Gs Maximum	7.6	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

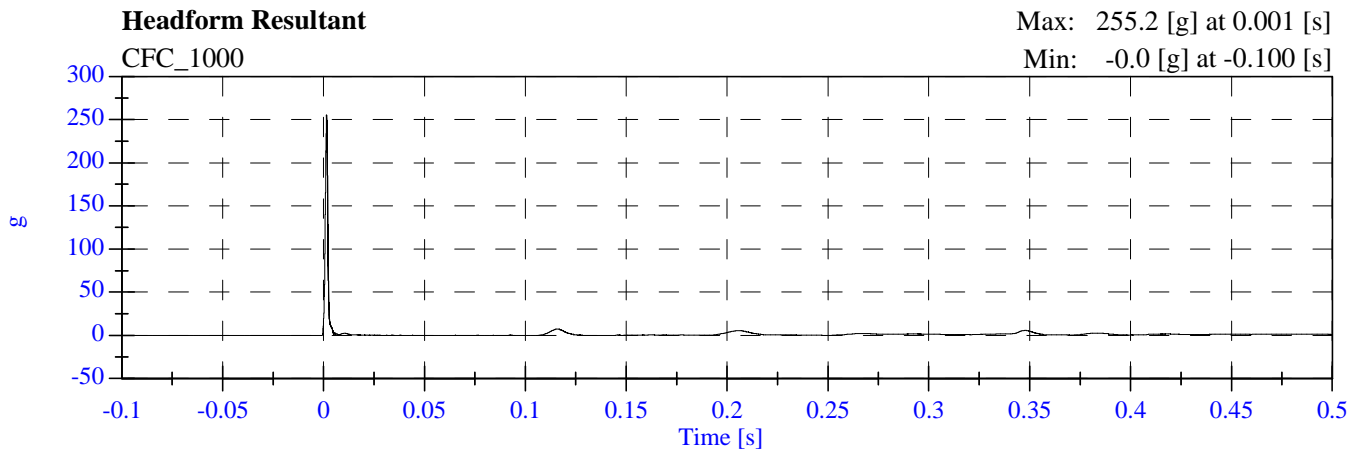
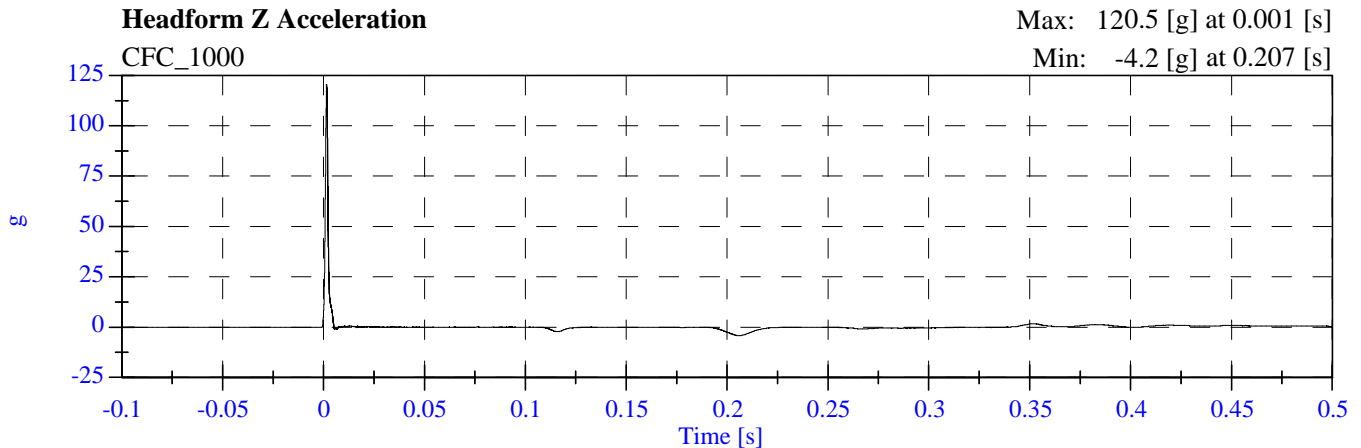
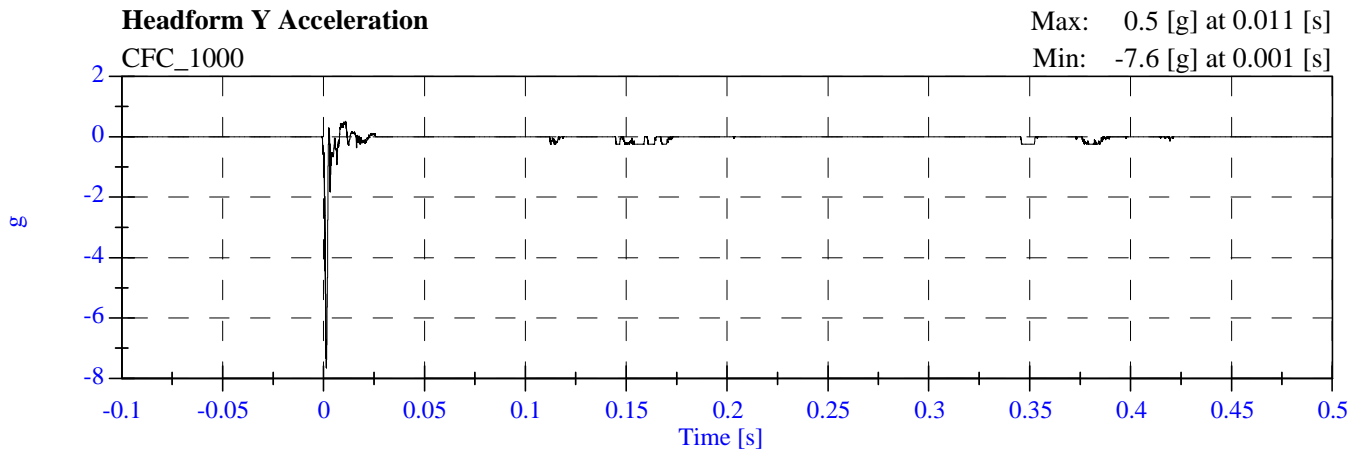
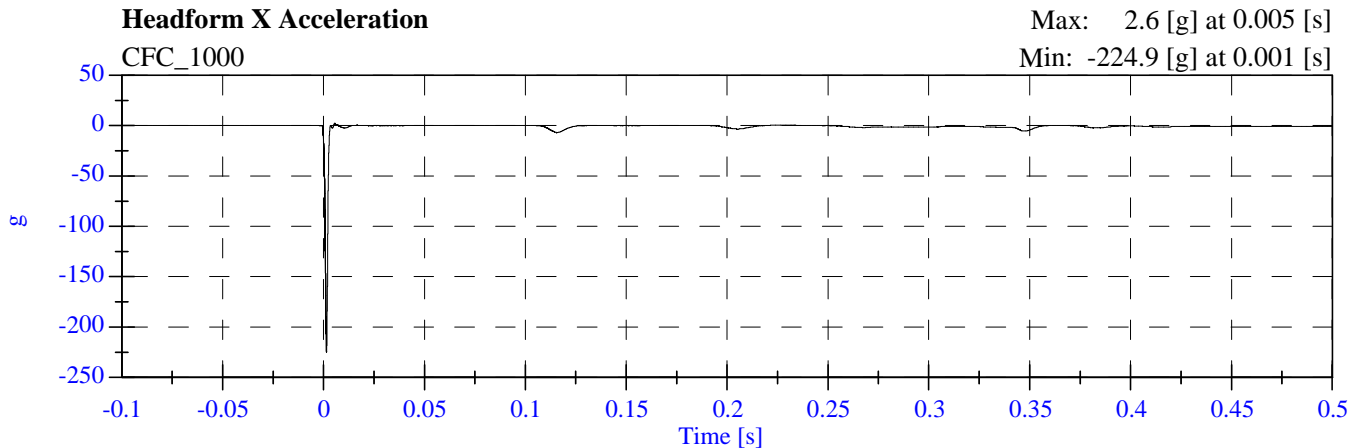
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J38127	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J37980	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J37854	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0805 - April 13, 2006



**PART 572L
HEAD DROP PRE-TEST**

MANUFACTURER:		DENTON ATD INC.	
SERIAL NUMBER:		0355	
CALIBRATION DATE:		April 13, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	36	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	249.9	
PEAK LATERAL ACCELERATION	15 Gs Maximum	3.0	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

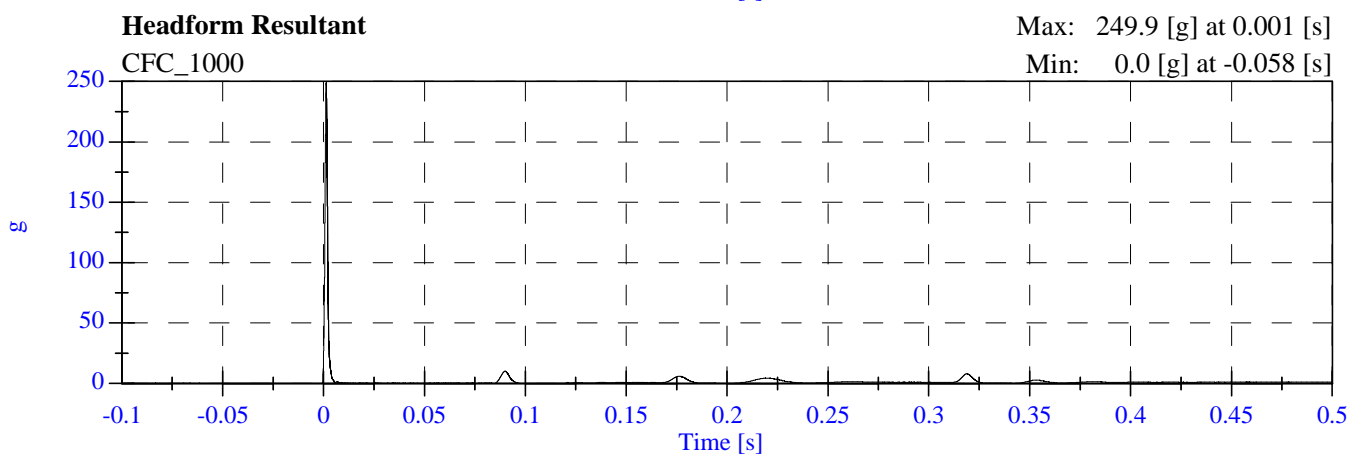
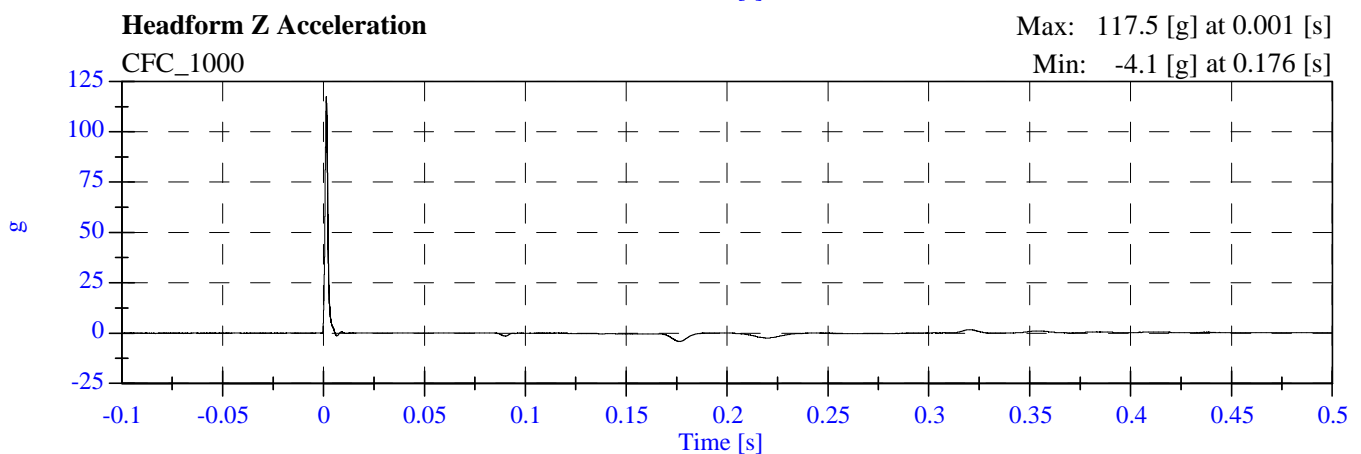
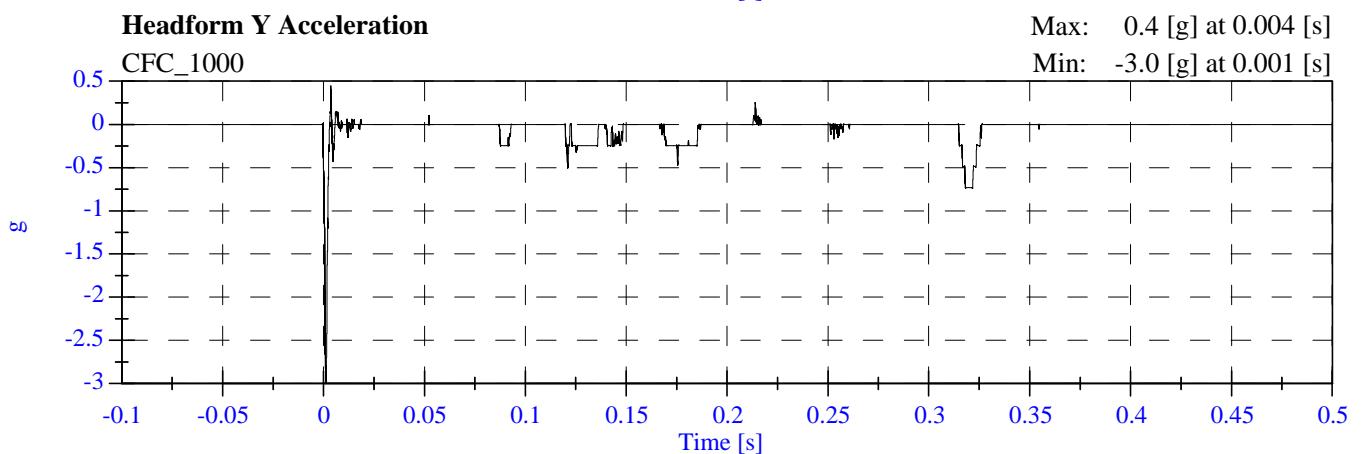
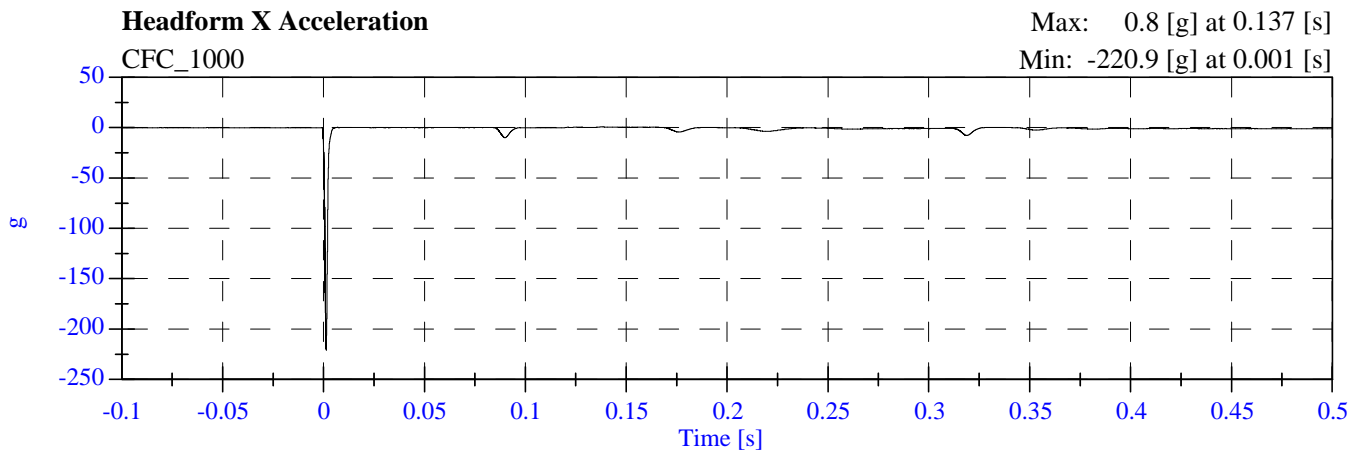
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I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J28671	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J32779	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J25854	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0355 - April 13, 2006



**PART 572L
HEAD DROP PRE-TEST**

MANUFACTURER:		FIRST TECHNOLOGY SAFETY SYSTEMS	
SERIAL NUMBER:		1255	
CALIBRATION DATE:		April 13, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	36	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	247.4	
PEAK LATERAL ACCELERATION	15 Gs Maximum	8.6	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

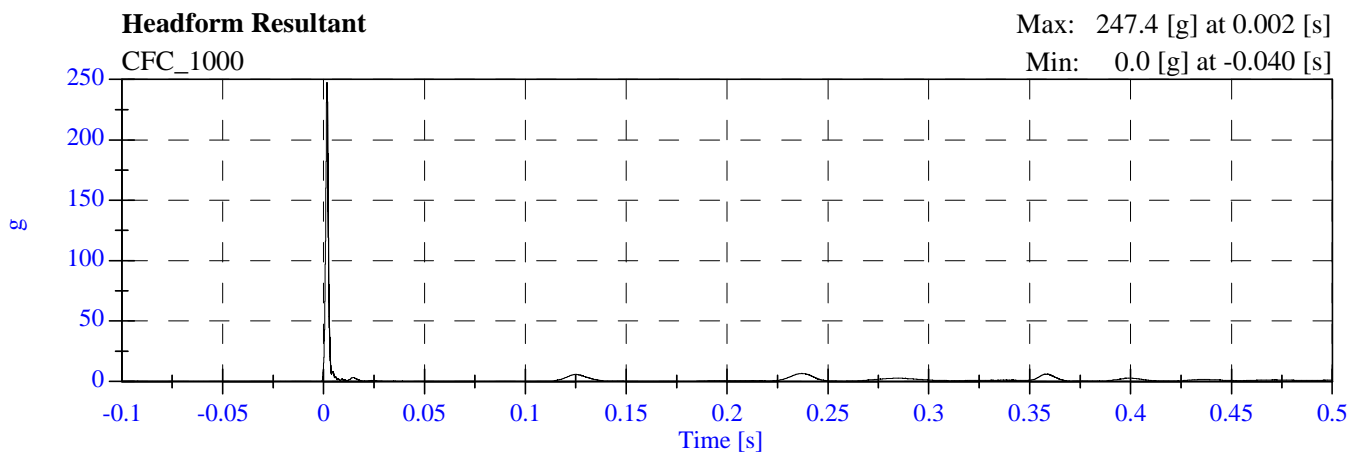
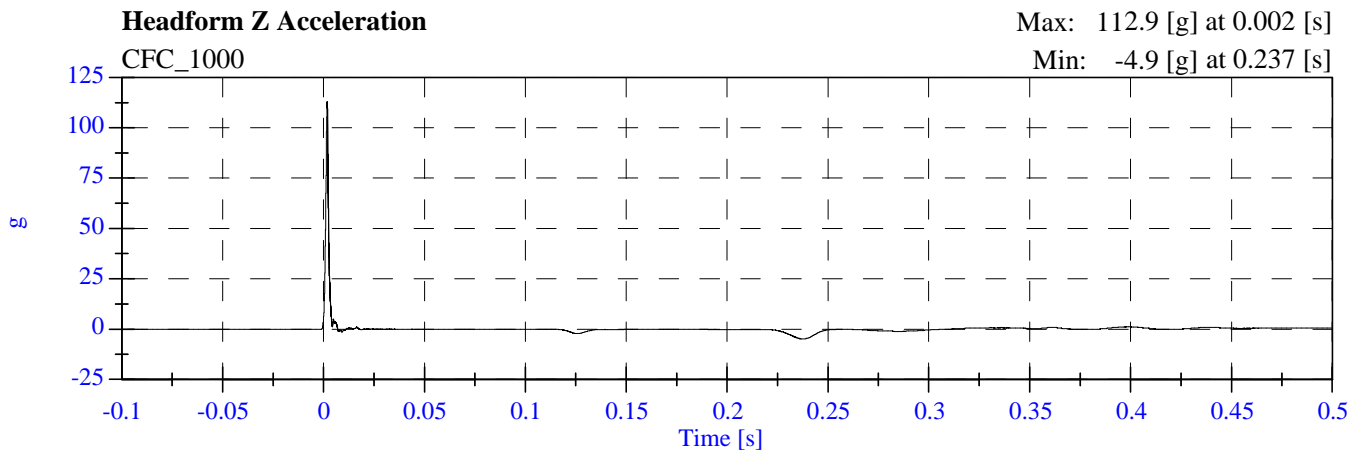
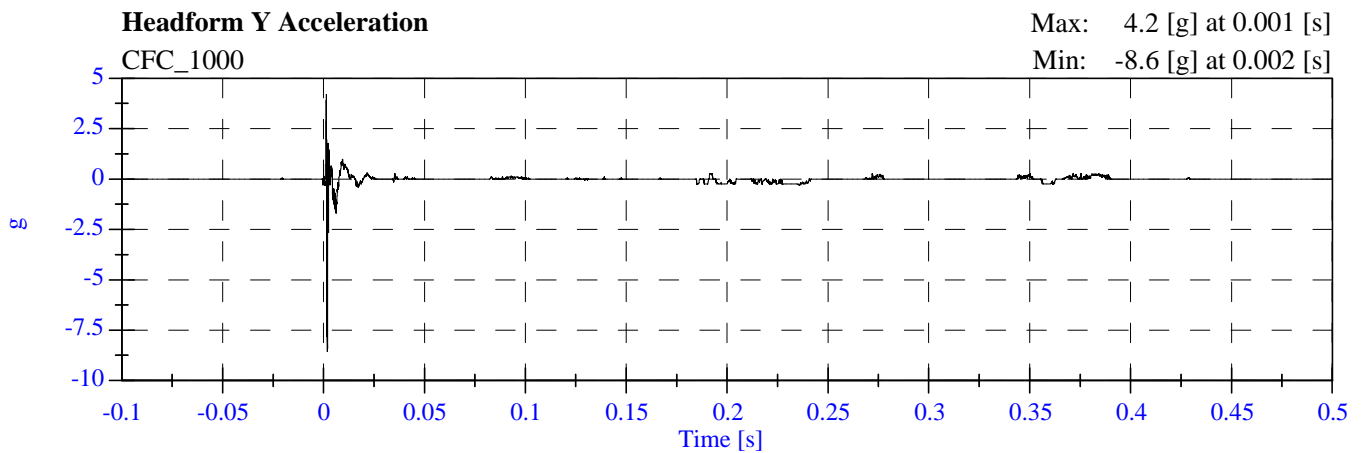
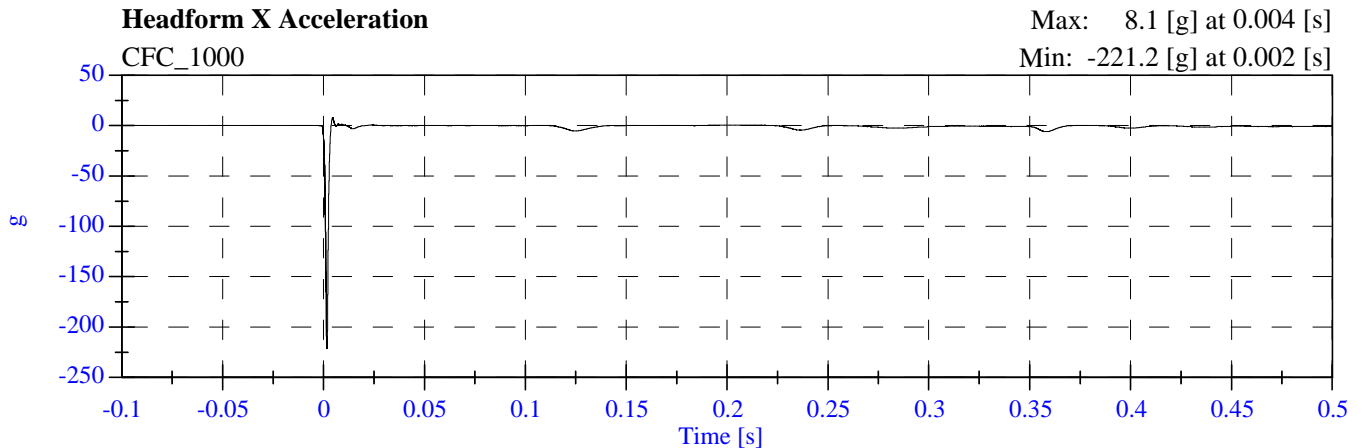
HEAD ACCELEROMETER CALIBRATION INFORMATION

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2 - LATERAL	ENDEVCO	7264-2000T	J40994	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J41007	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 1255 - April 13, 2006



**PART 572L
HEAD DROP POST-TEST**

MANUFACTURER:		FIRST TECHNOLOGY SAFETY SYSTEMS	
SERIAL NUMBER:		0642	
CALIBRATION DATE:		April 20, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	23	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	270.9	
PEAK LATERAL ACCELERATION	15 Gs Maximum	7.9	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

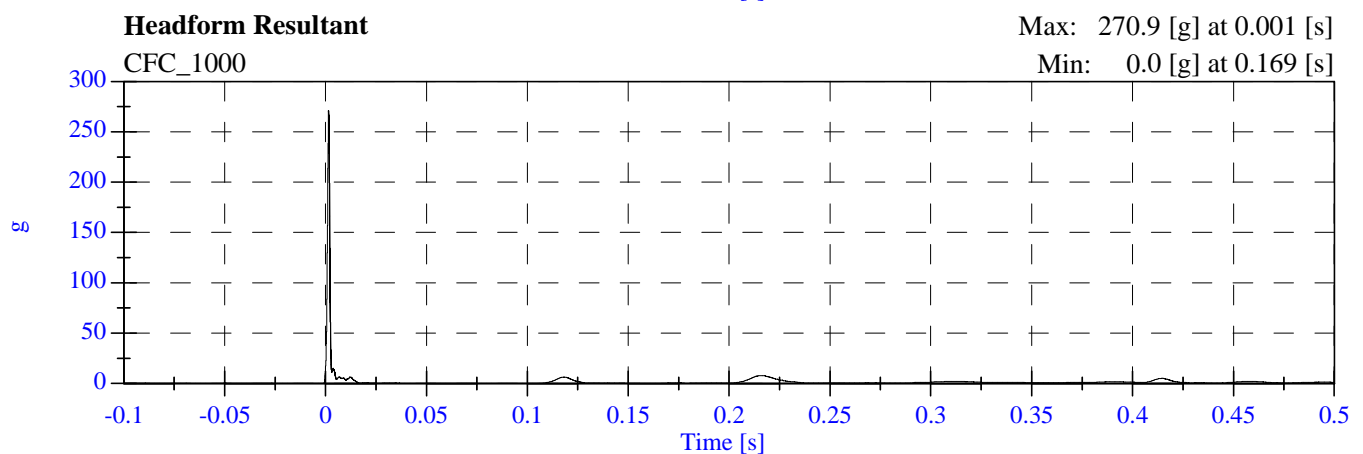
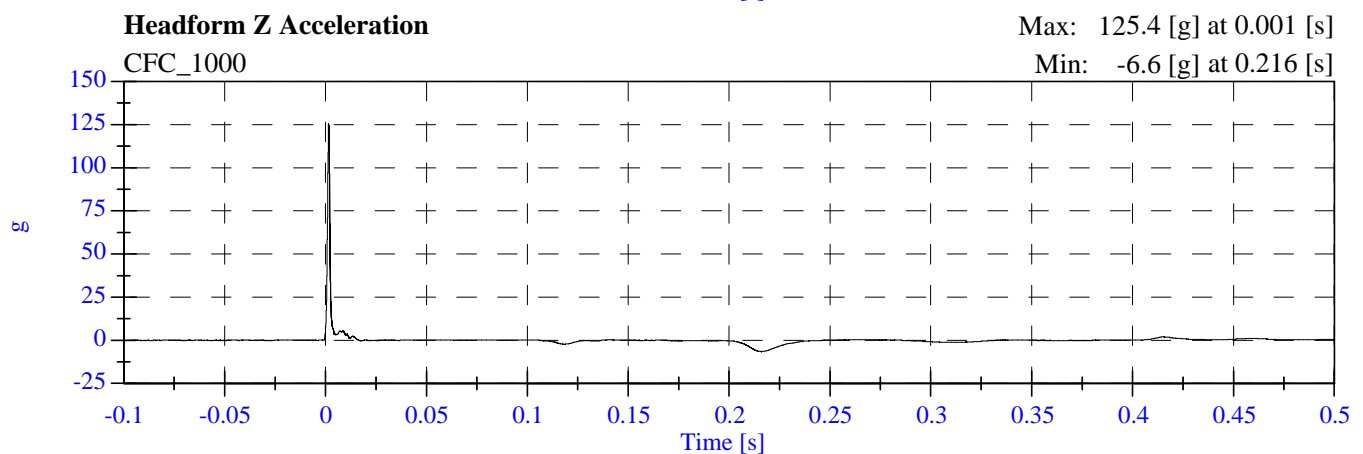
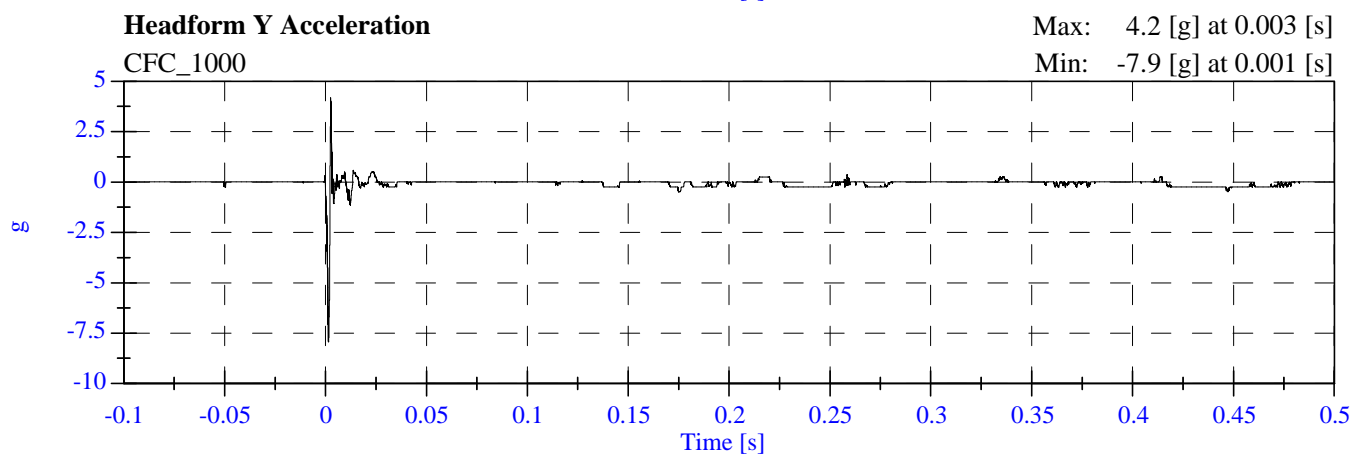
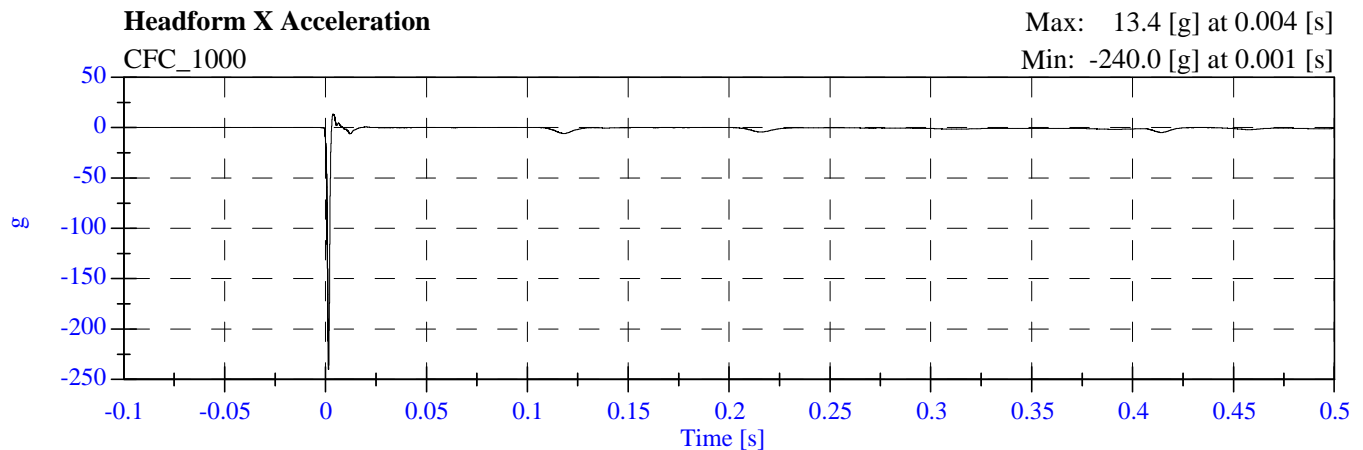
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J24876	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J33030	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J31009	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0642 - April 20, 2006



**PART 572L
HEAD DROP POST-TEST**

MANUFACTURER:		DENTON ATD INC.	
SERIAL NUMBER:		0062	
CALIBRATION DATE:		April 20, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	23	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	268.1	
PEAK LATERAL ACCELERATION	15 Gs Maximum	1.9	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

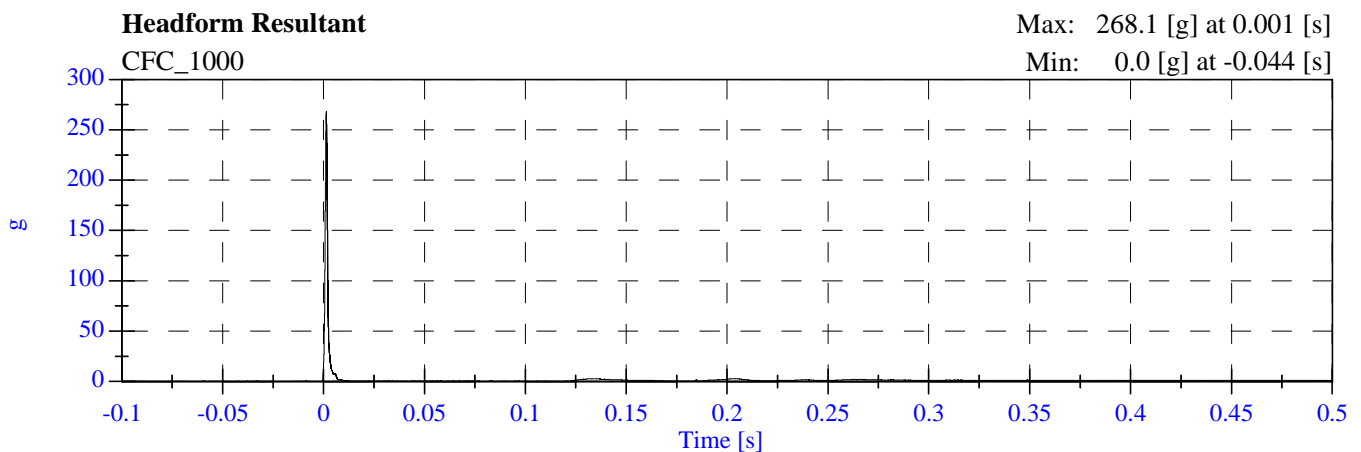
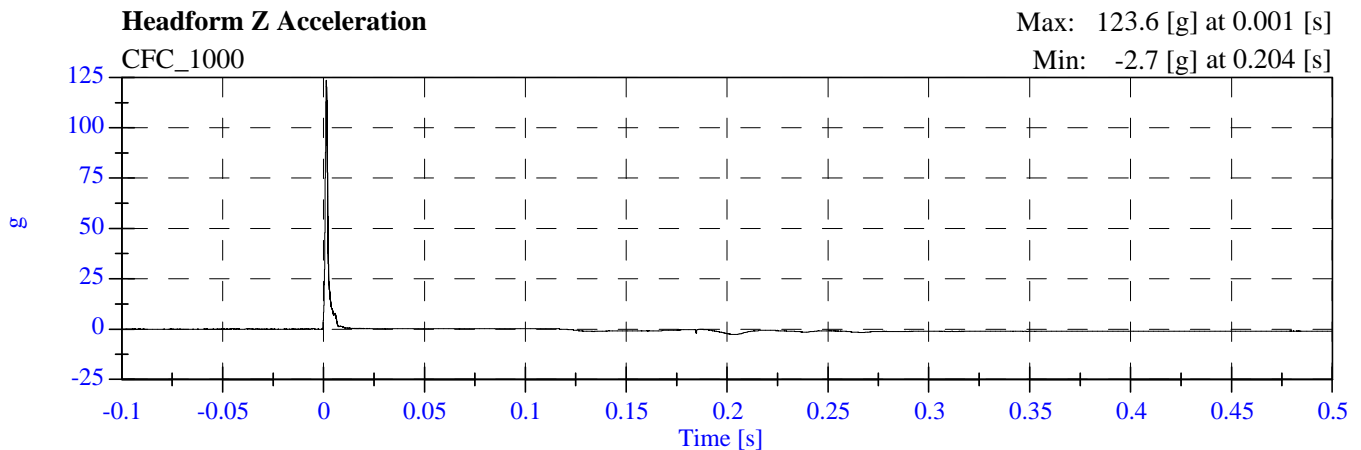
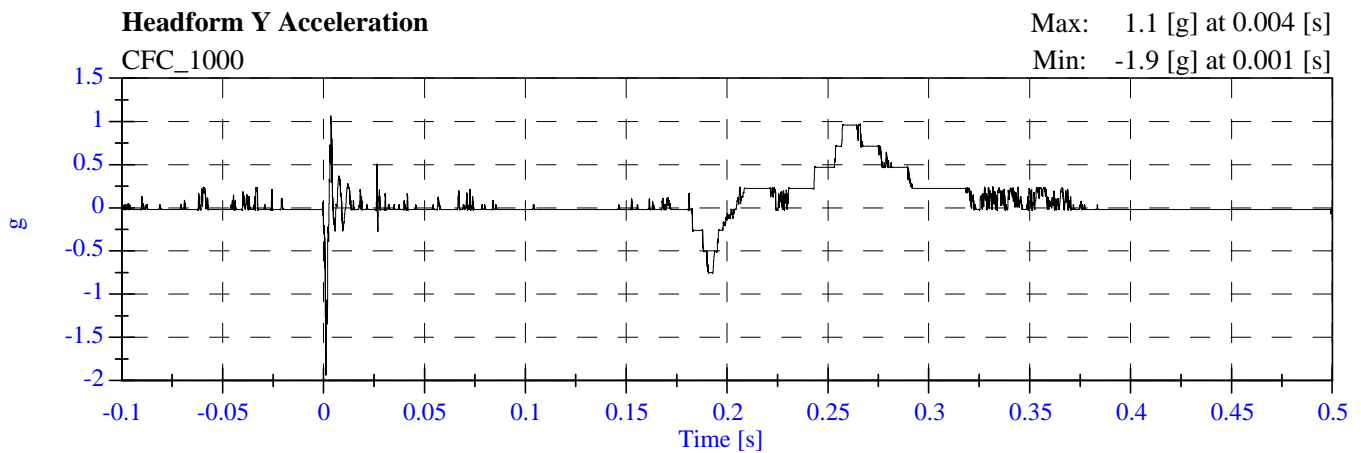
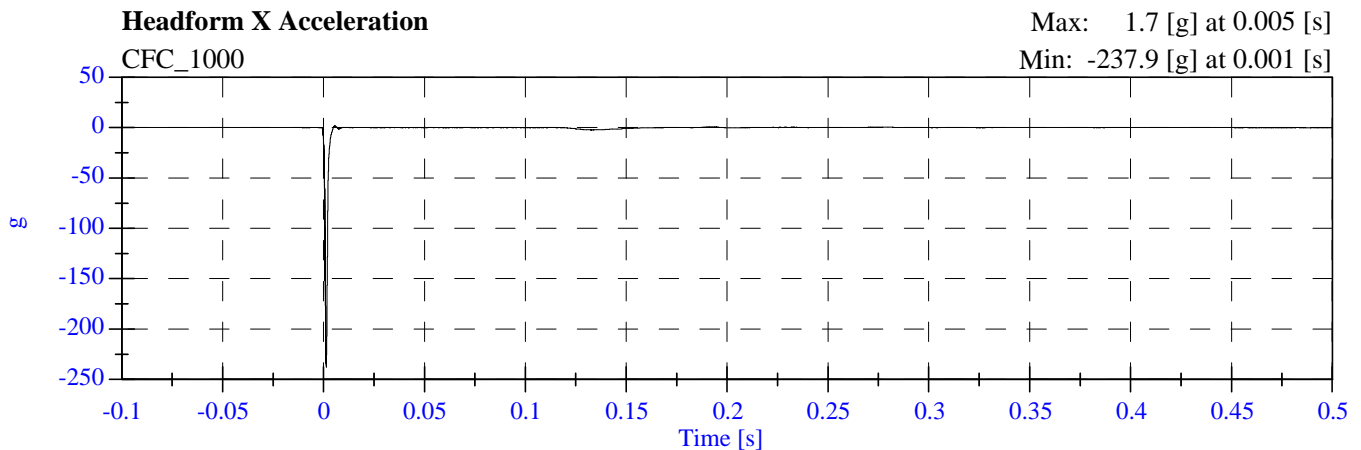
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J33127	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J33019	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J32782	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0062 - April 20, 2006



**PART 572L
HEAD DROP POST-TEST**

MANUFACTURER:		FIRST TECHNOLOGY SAFETY SYSTEMS	
SERIAL NUMBER:		805	
CALIBRATION DATE:		April 20, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	23	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	265.0	
PEAK LATERAL ACCELERATION	15 Gs Maximum	2.3	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

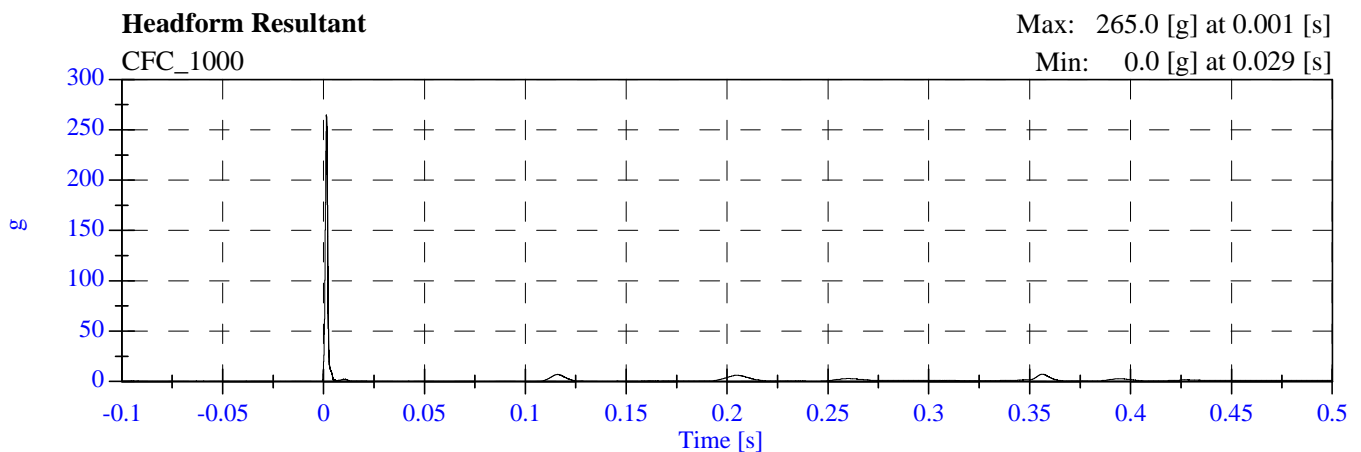
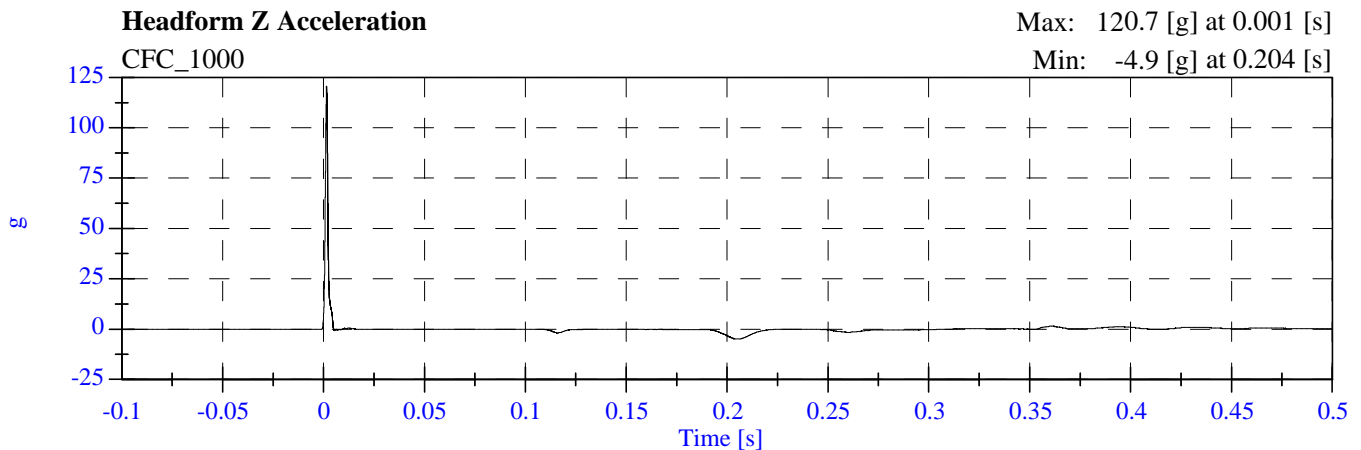
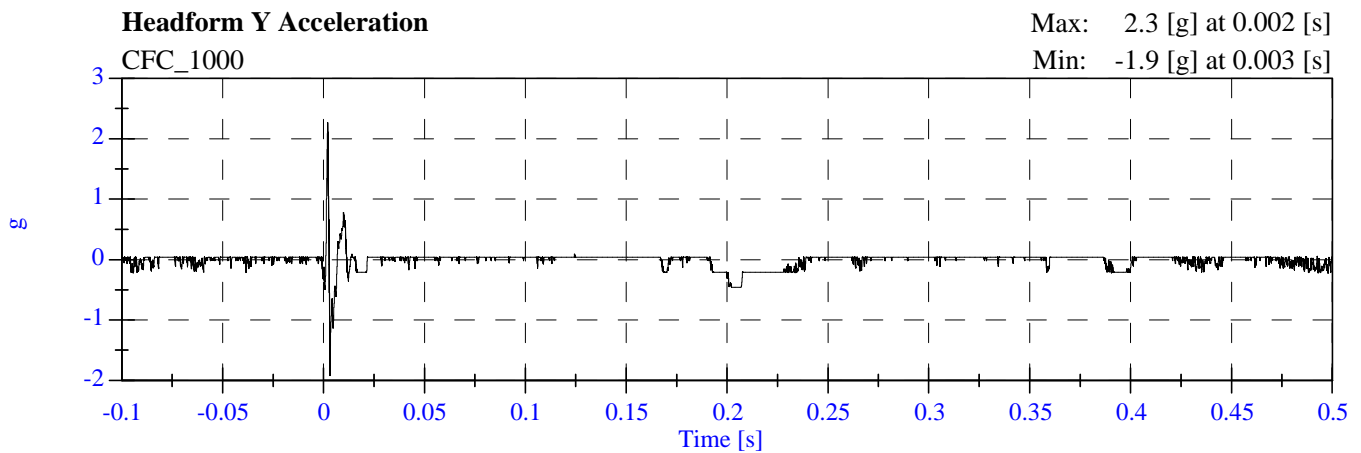
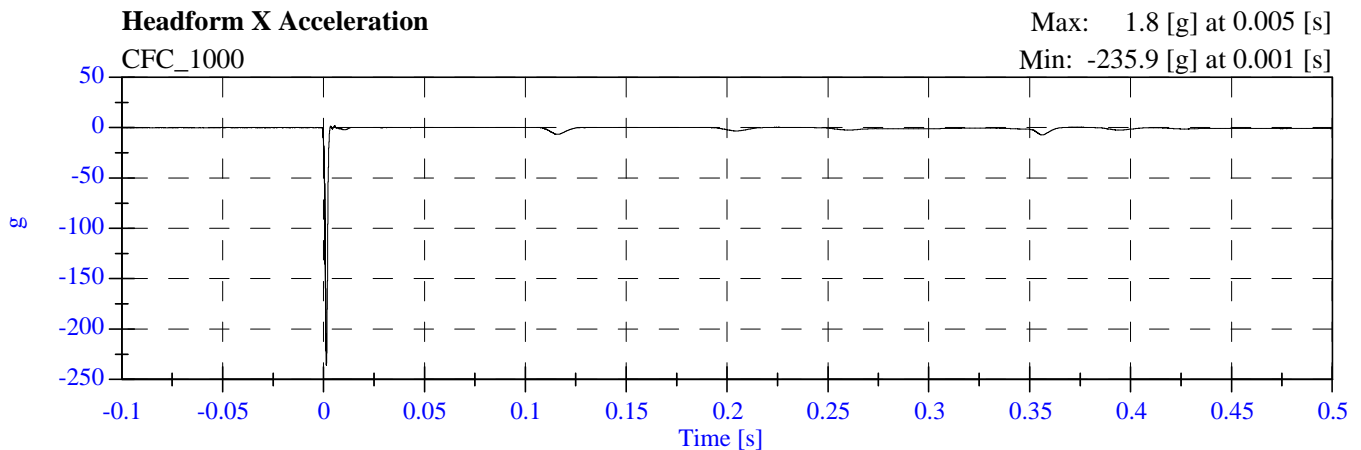
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J38127	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J37980	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J37854	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0805 - April 20, 2006



**PART 572L
HEAD DROP POST-TEST**

MANUFACTURER:		DENTON ATD INC.	
SERIAL NUMBER:		0355	
CALIBRATION DATE:		April 20, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	23	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	253.0	
PEAK LATERAL ACCELERATION	15 Gs Maximum	10.7	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

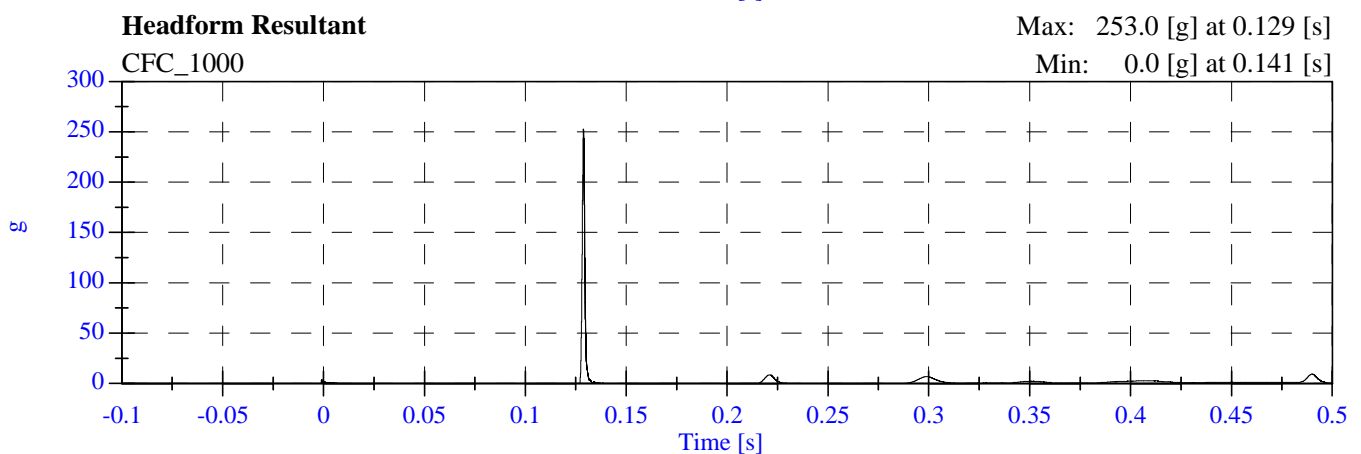
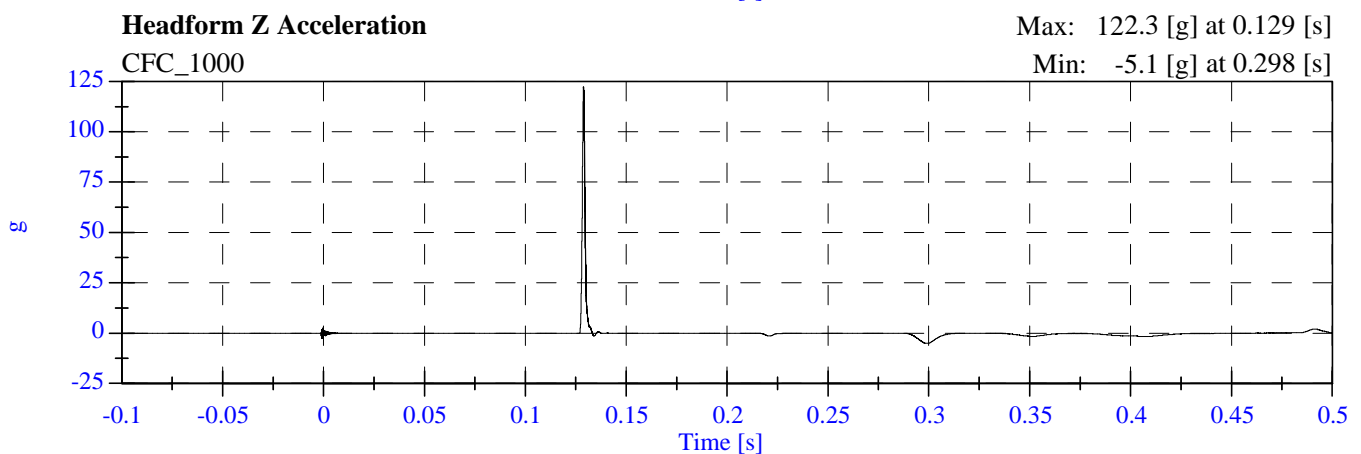
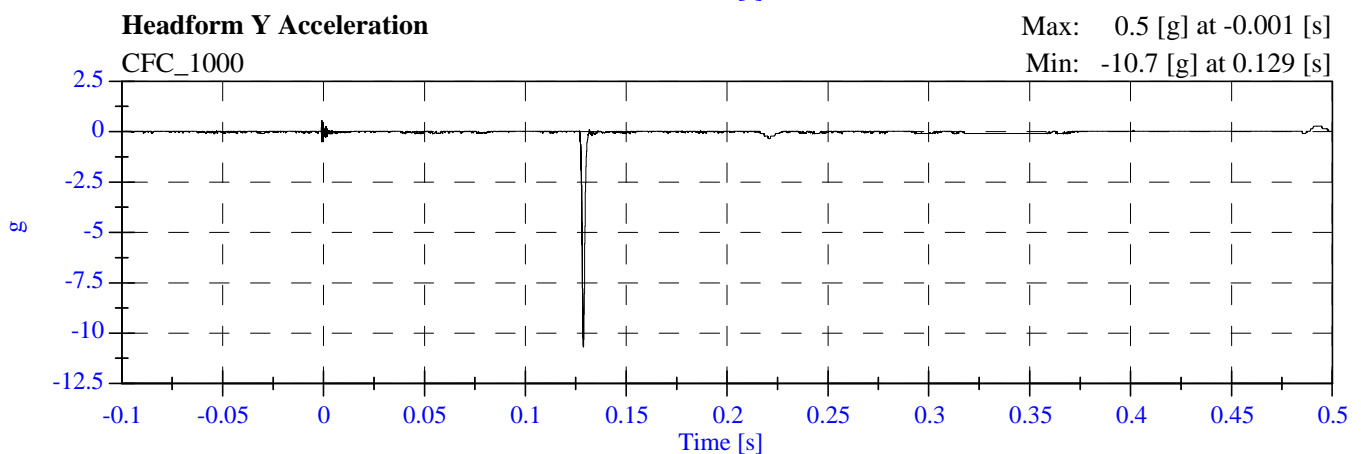
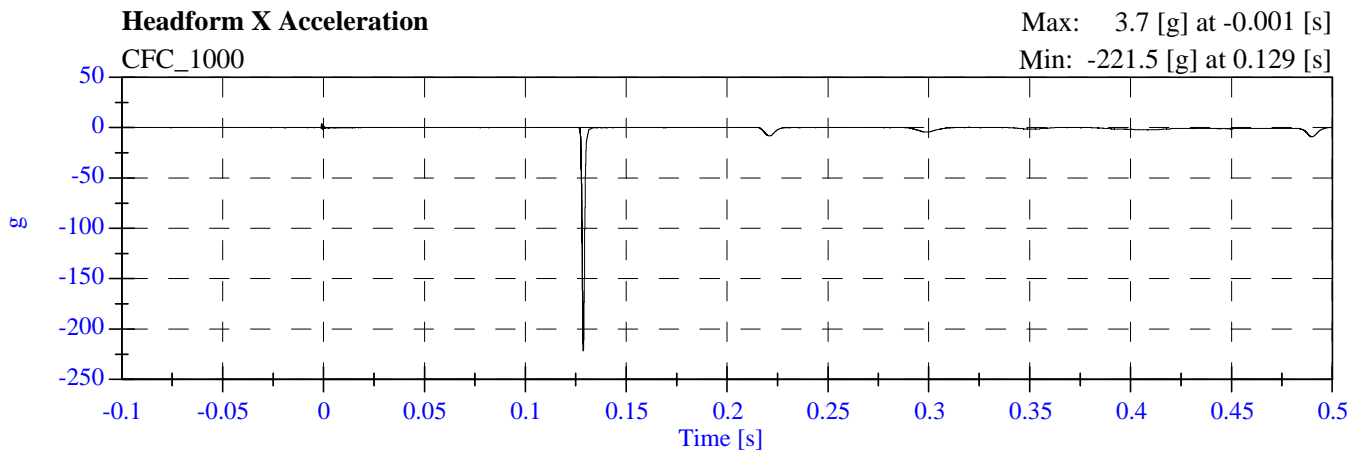
HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J28671	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J32779	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J25854	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 0355 - April 20, 2006



**PART 572L
HEAD DROP POST-TEST**

MANUFACTURER:		FIRST TECHNOLOGYSAFETY SYSTEMS	
SERIAL NUMBER:		1255	
CALIBRATION DATE:		April 20, 2006	
TEST PARAMETER	SPECIFICATION	TEST RESULTS	
TEMPERATURE	19°C to 26°C	23	
RELATIVE HUMIDITY	10% to 70%	23	
PEAK RESULTANT ACCELERATION	225 Gs to 275 Gs	269.1	
PEAK LATERAL ACCELERATION	15 Gs Maximum	10.6	
IS ACCELERATION CURVE UNIMODAL?	YES	YES	

HEAD ACCELEROMETER CALIBRATION INFORMATION

I.D. NUMBER	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	DATE OF LAST CALIBRATION	DATE OF NEXT CALIBRATION
1 - LONGITUDINAL	ENDEVCO	7264-2000T	J41006	3/9/2006	9/9/2006
2 - LATERAL	ENDEVCO	7264-2000T	J40994	3/9/2006	9/9/2006
3 - VERTICAL	ENDEVCO	7264-2000T	J41007	3/9/2006	9/9/2006

REMARKS:

FMVSS 201U - Headform Calibration Drops

FMH 1255 - April 20, 2006

