

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

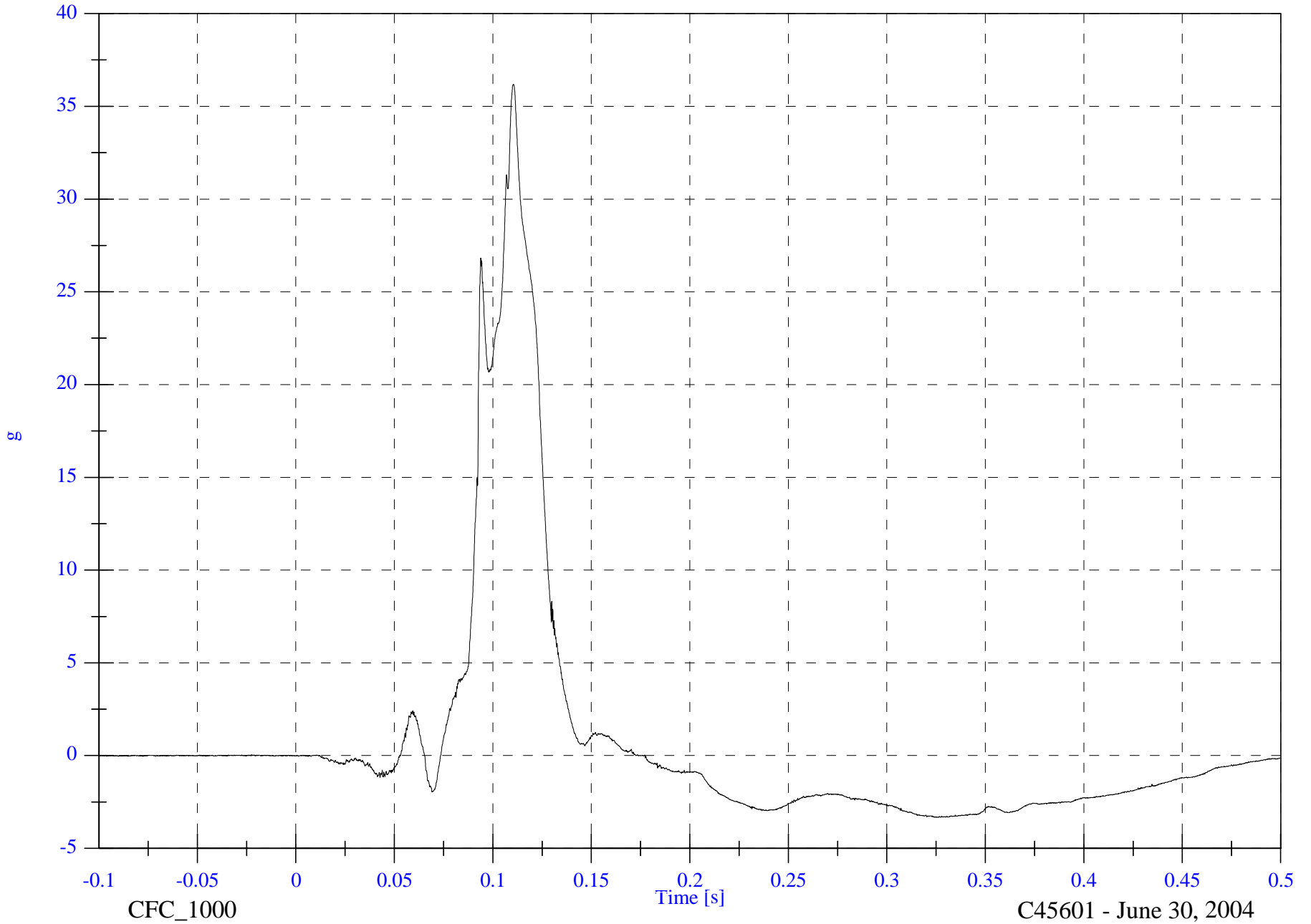
V2P1 Head x

Max: 36.2 [g] at 0.110 [s]

Min: -3.3 [g] at 0.324 [s]

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8655-F301-21R



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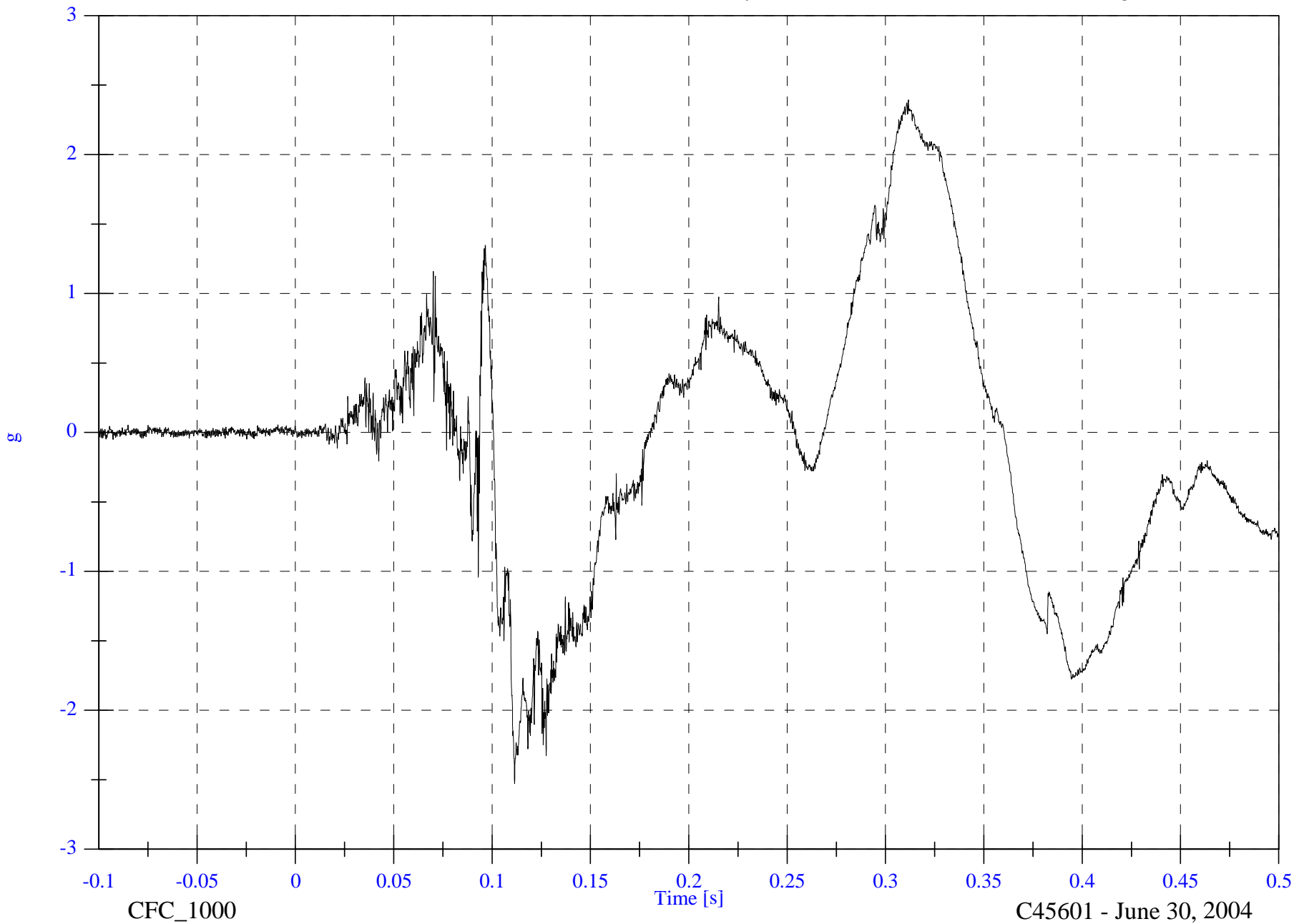
V2P1 Head y

Max: 2.4 [g] at 0.312 [s]

Min: -2.5 [g] at 0.111 [s]

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8655-F301-21R



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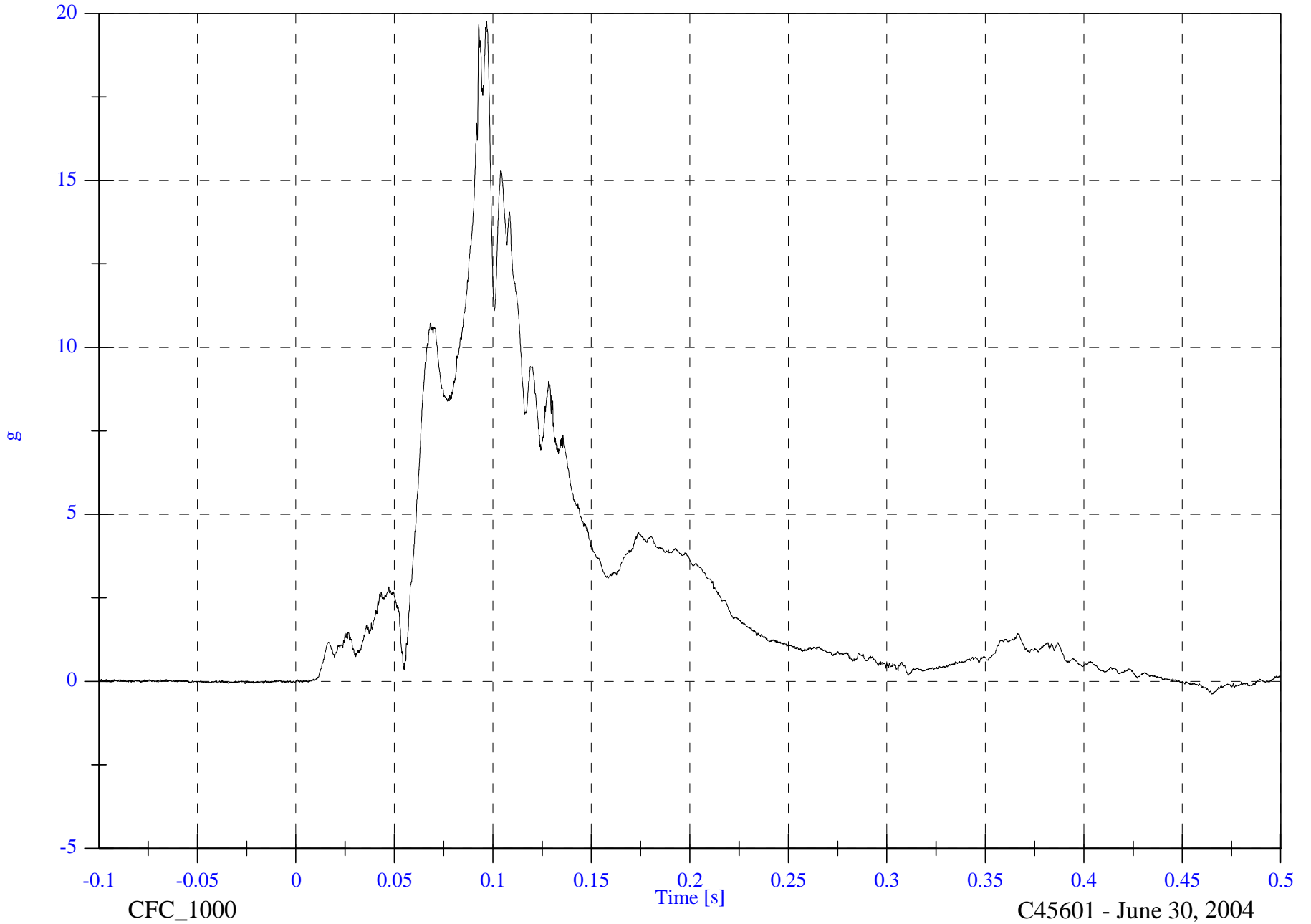
V2P1 Head z

Max: 19.8 [g] at 0.097 [s]

Min: -0.4 [g] at 0.465 [s]

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8655-F301-21R



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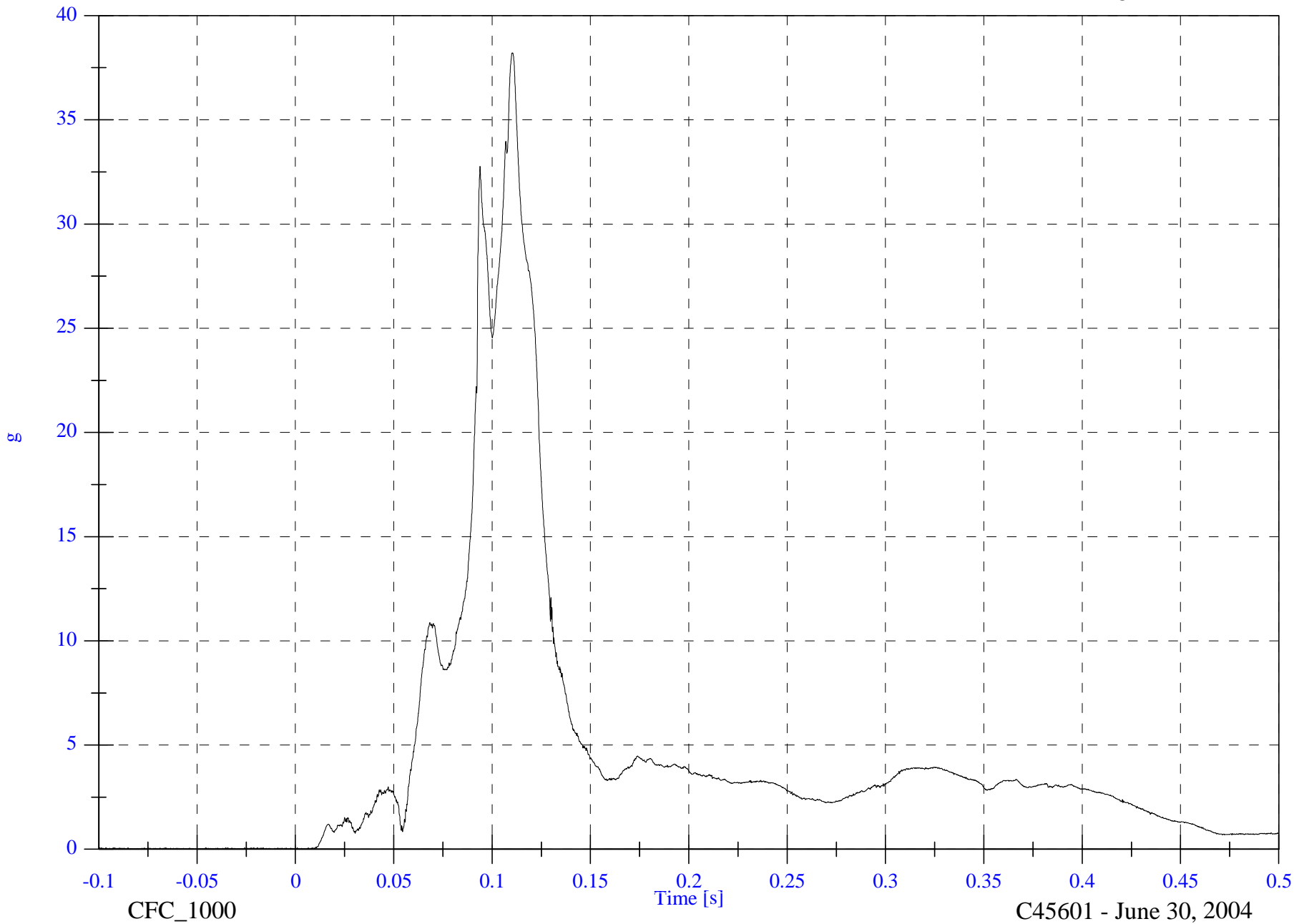
V2P1 Head Resultant

Max: 38.2 [g] at 0.110 [s]

Min: 0.0 [g] at -0.050 [s]

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8655-F301-21R



CFC_1000

Time [s]

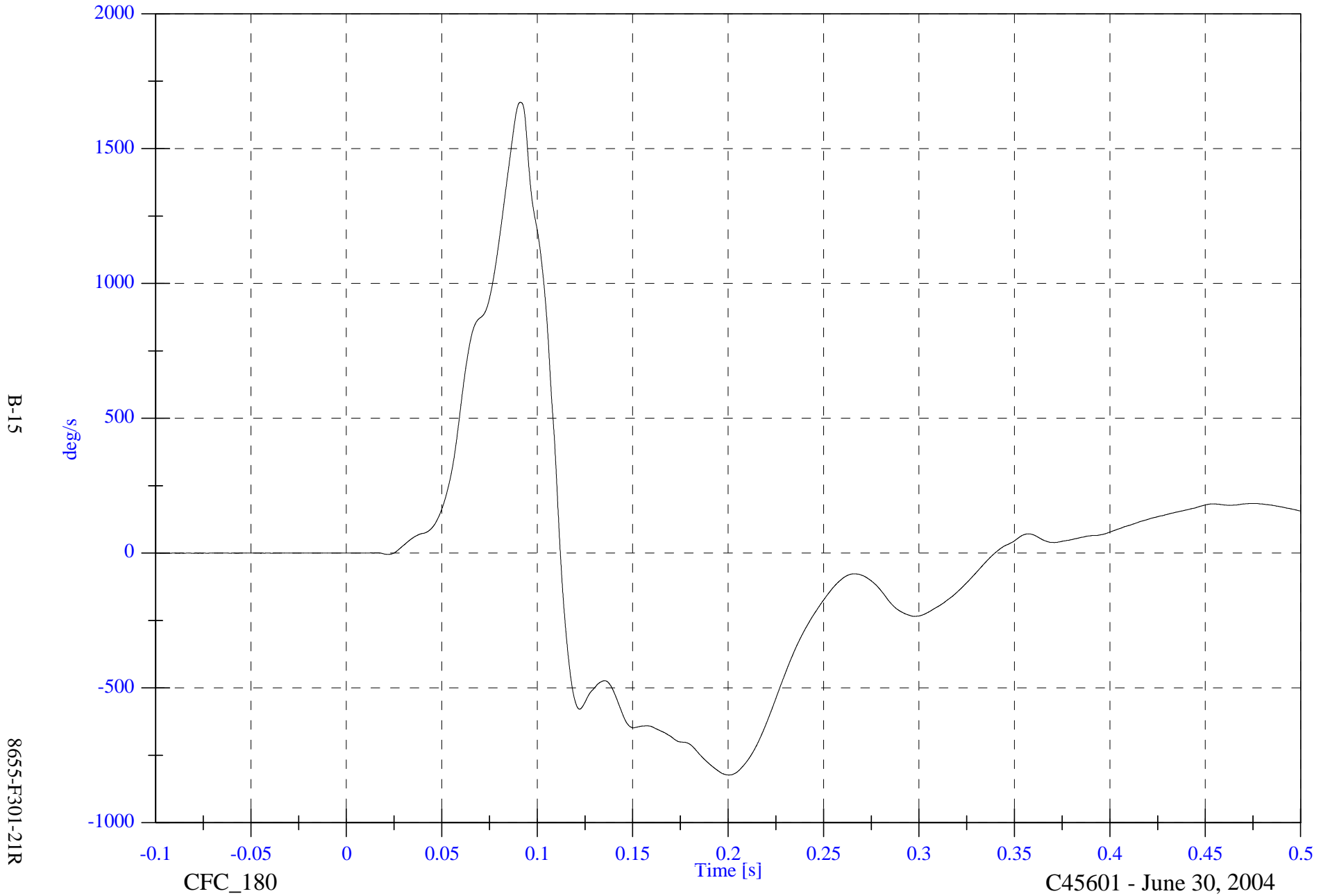
C45601 - June 30, 2004

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V2P1 Head AVy

Max: 1672.1 [deg/s] at 0.091 [s]

Min: -823.3 [deg/s] at 0.200 [s]



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CFC_180

Time [s]

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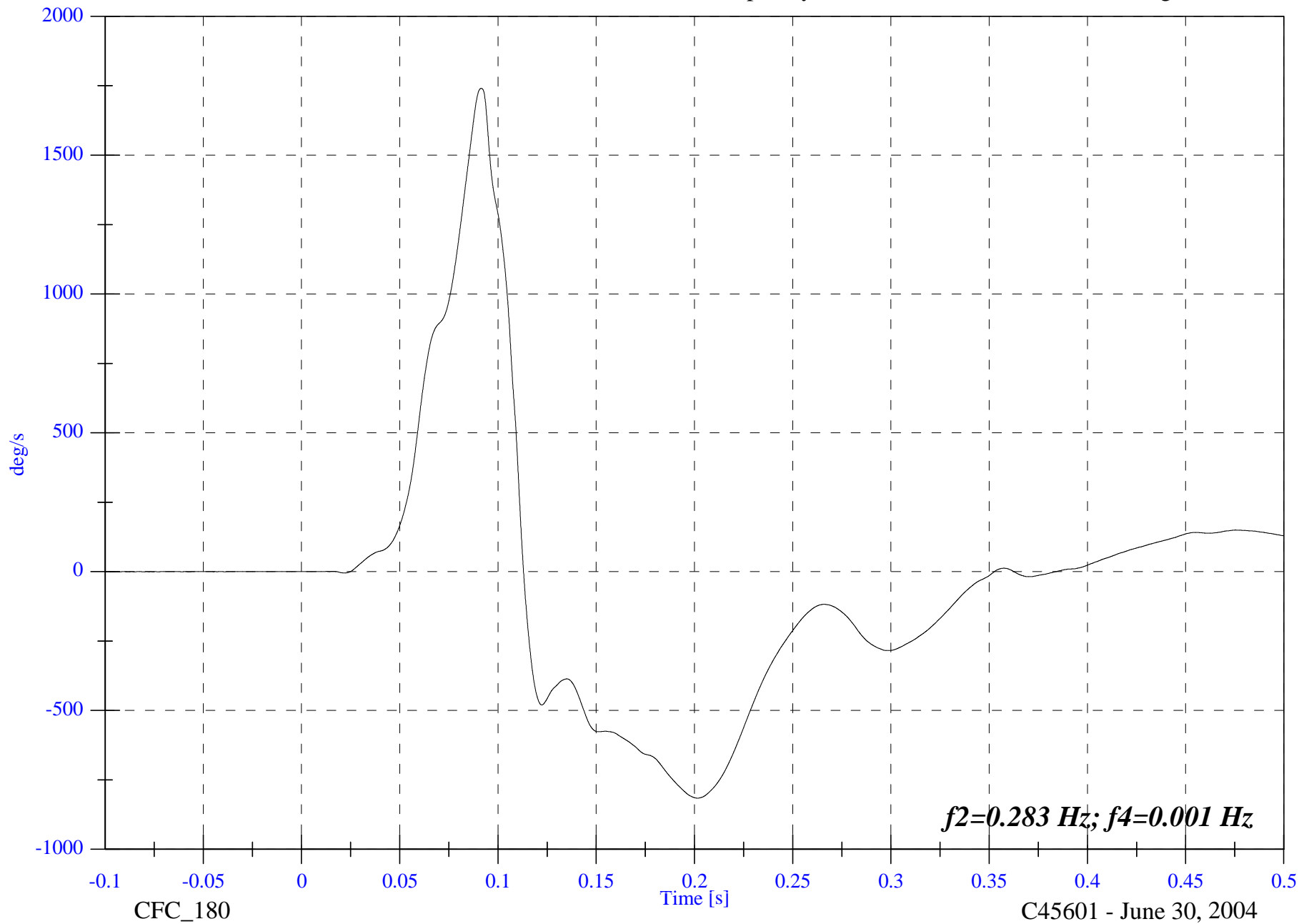
V2P1 Head Comp AVy

Max: 1740.5 [deg/s] at 0.092 [s]

Min: -815.7 [deg/s] at 0.201 [s]

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$f_2=0.283$ Hz; $f_4=0.001$ Hz

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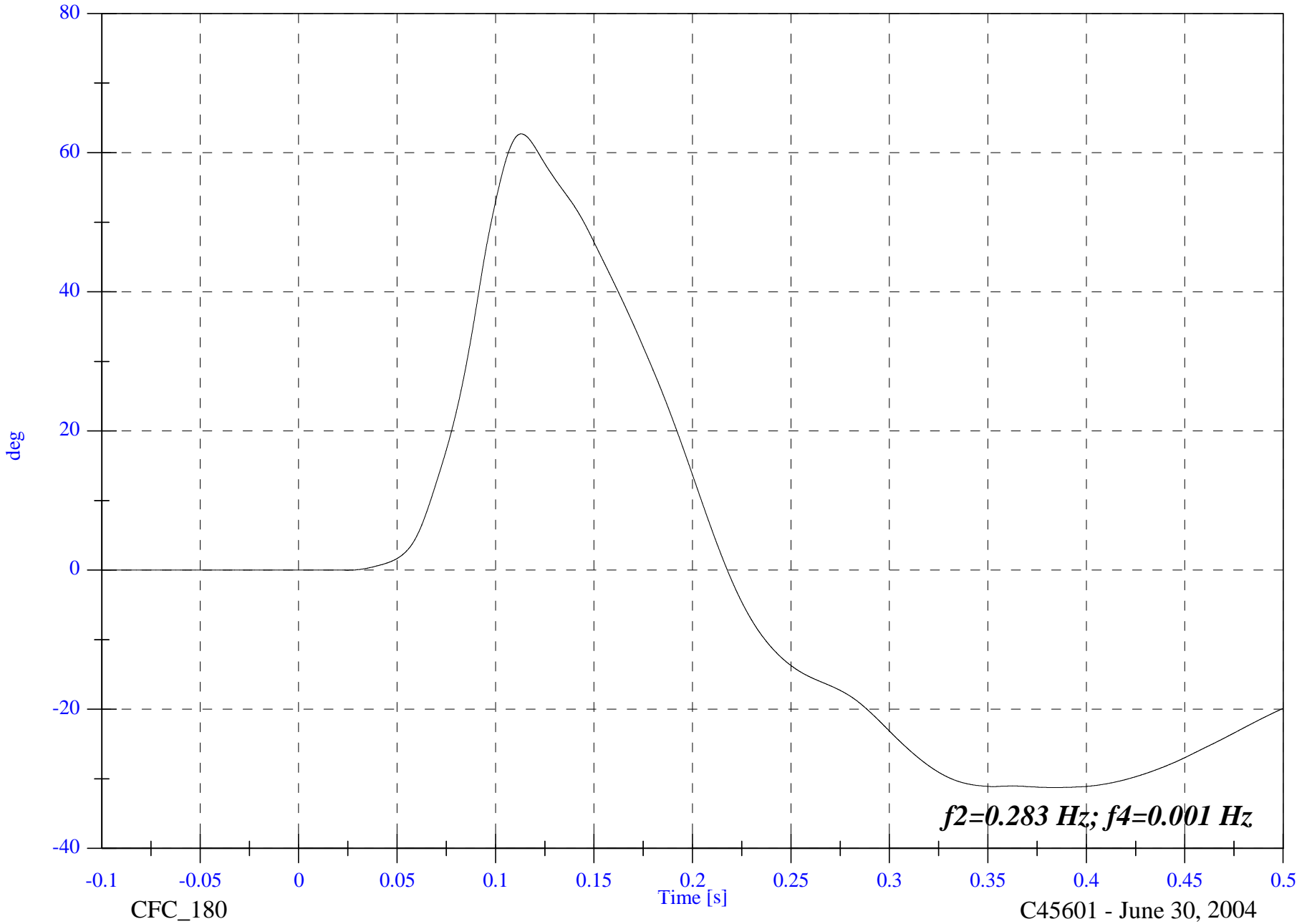
V2P1 Head Comp ADy

Max: 62.7 [deg] at 0.113 [s]

Min: -31.3 [deg] at 0.384 [s]

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8655-F301-21R

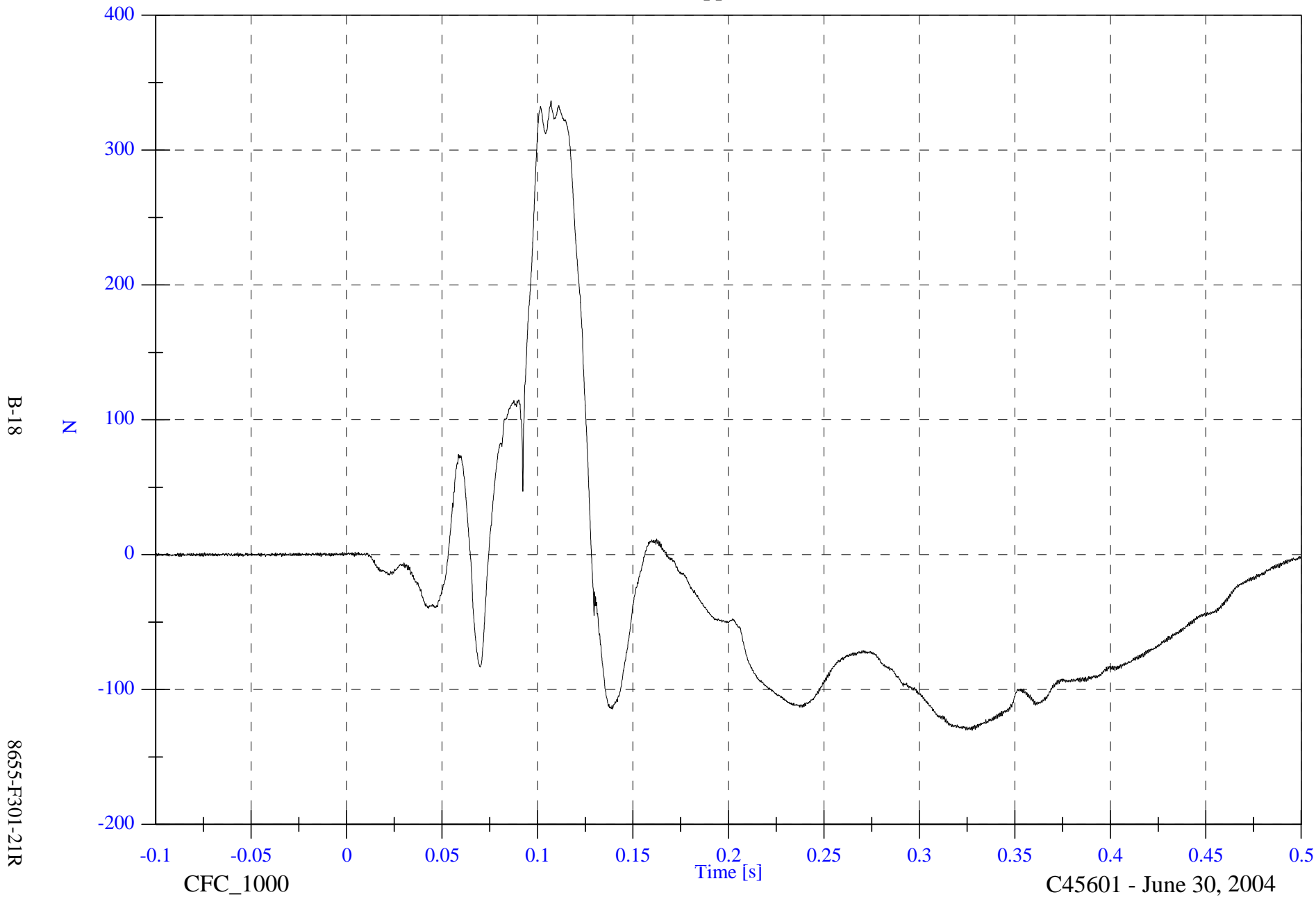


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Max: 336.5 [N] at 0.107 [s]

V2P1 Upper Neck Fx

Min: -130.2 [N] at 0.328 [s]



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CFC_1000

Time [s]

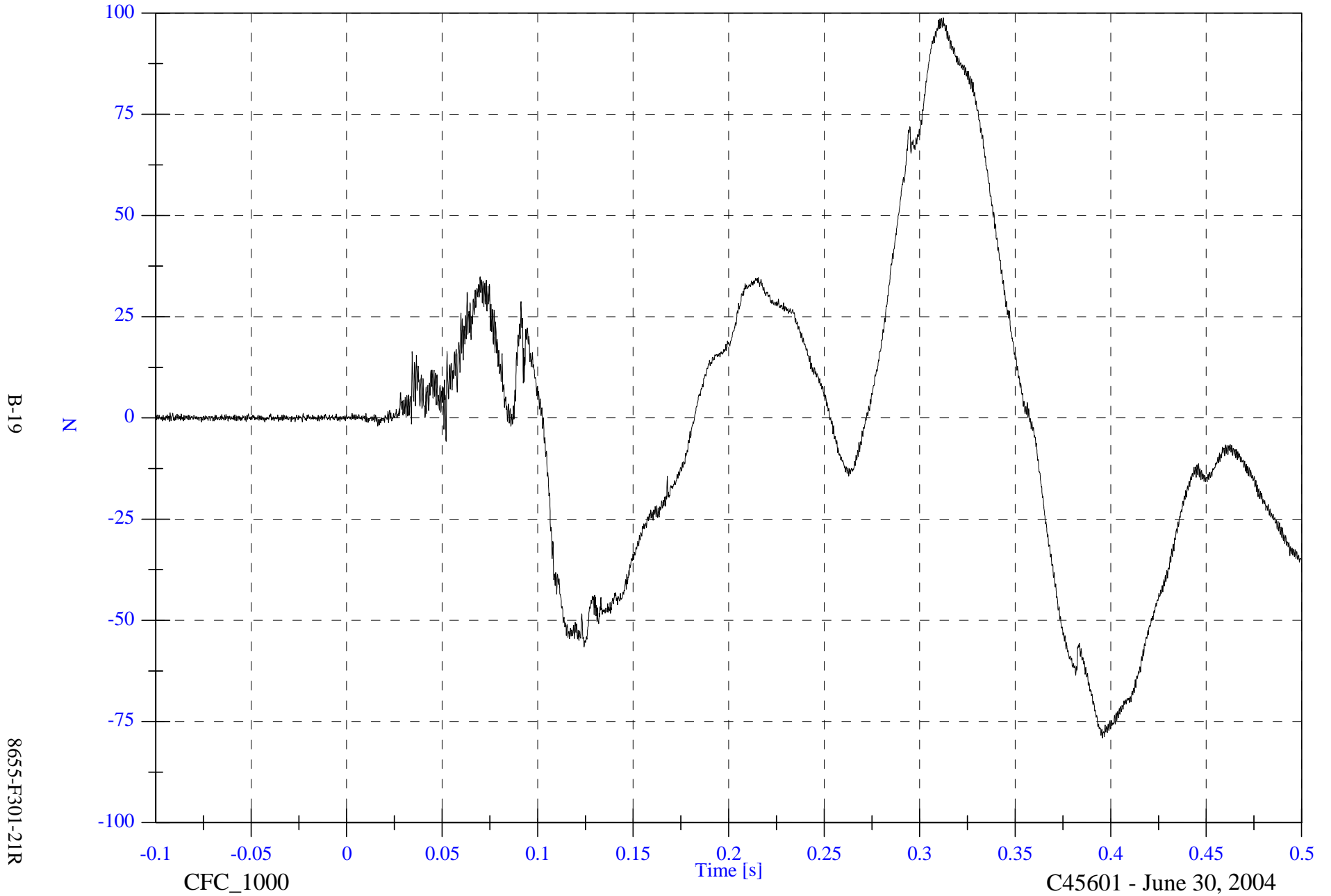
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V2P1 Upper Neck Fy

Max: 98.9 [N] at 0.312 [s]

Min: -79.1 [N] at 0.396 [s]



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CFC_1000

Time [s]

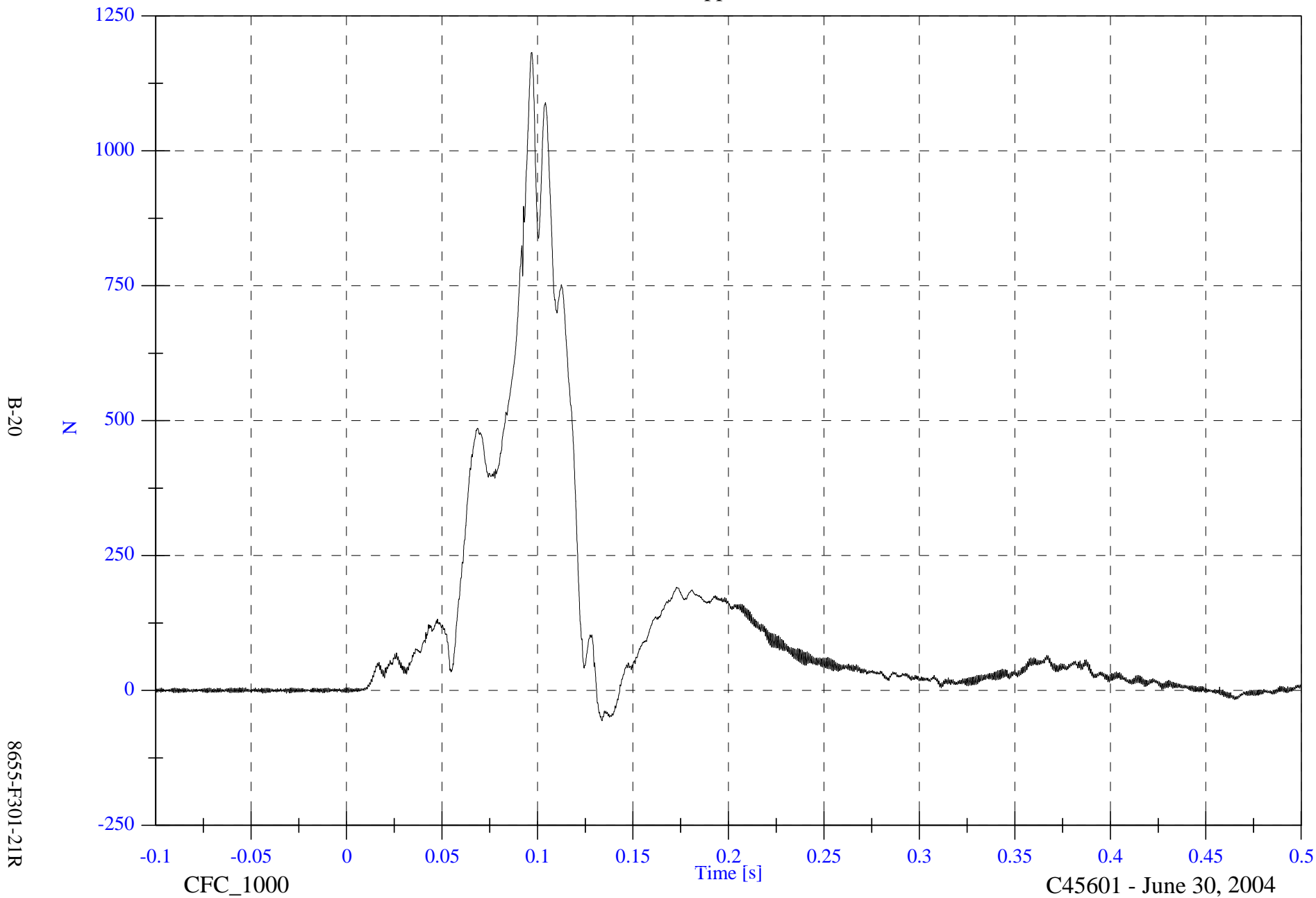
C45601 - June 30, 2004

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Max: 1182.3 [N] at 0.097 [s]

V2P1 Upper Neck Fz

Min: -56.2 [N] at 0.134 [s]



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CFC_1000

Time [s]

C45601 - June 30, 2004

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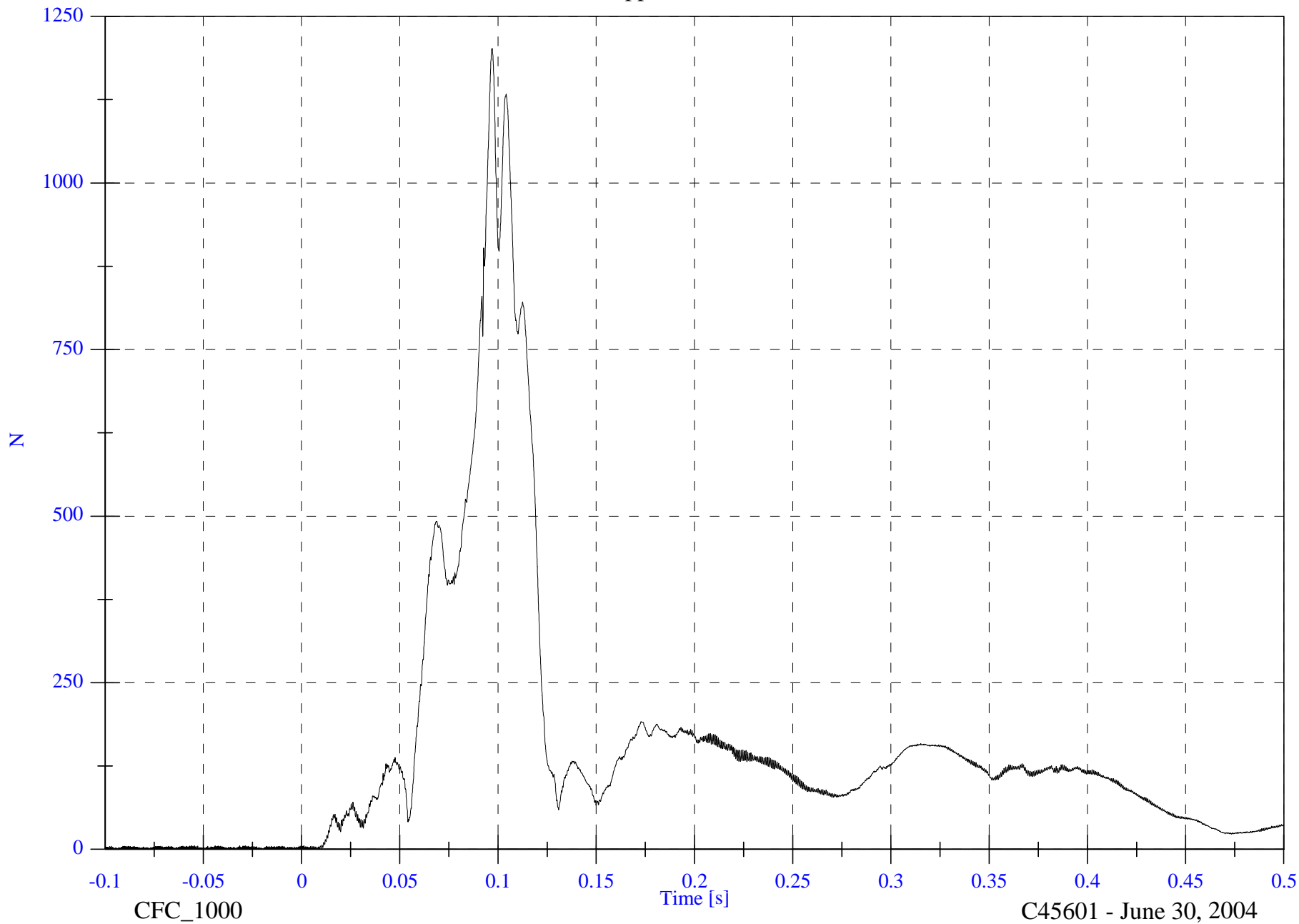
V2P1 Upper Neck F Resultant

Max: 1202.0 [N] at 0.097 [s]

Min: 0.1 [N] at -0.064 [s]

B-21

8655-F301-21R

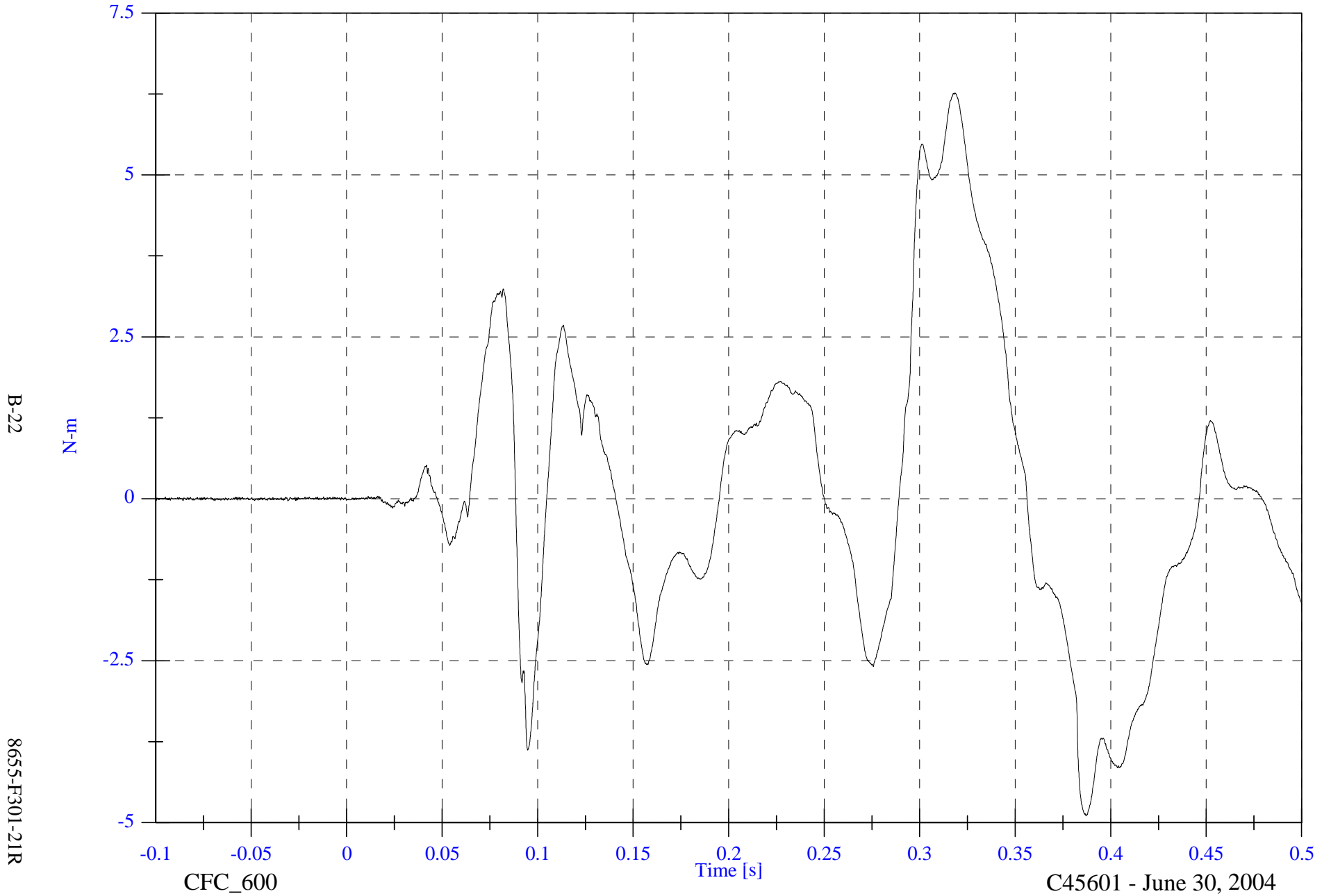


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V2P1 Upper Neck Mx

Max: 6.3 [N-m] at 0.318 [s]

Min: -4.9 [N-m] at 0.387 [s]



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CFC_600

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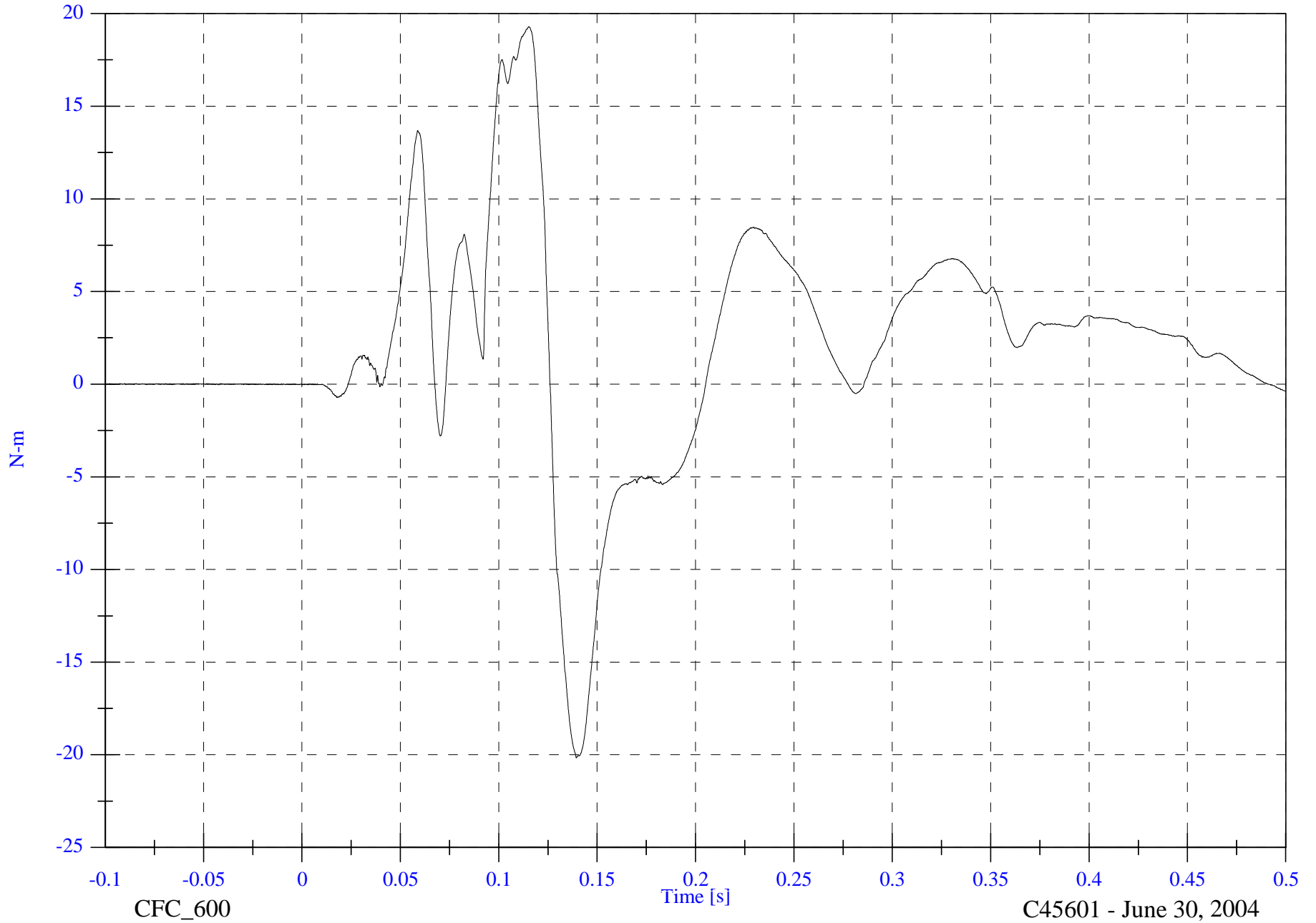
Max: 19.3 [N-m] at 0.115 [s]

V2P1 Upper Neck My

Min: -20.2 [N-m] at 0.139 [s]

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8655-F301-21R



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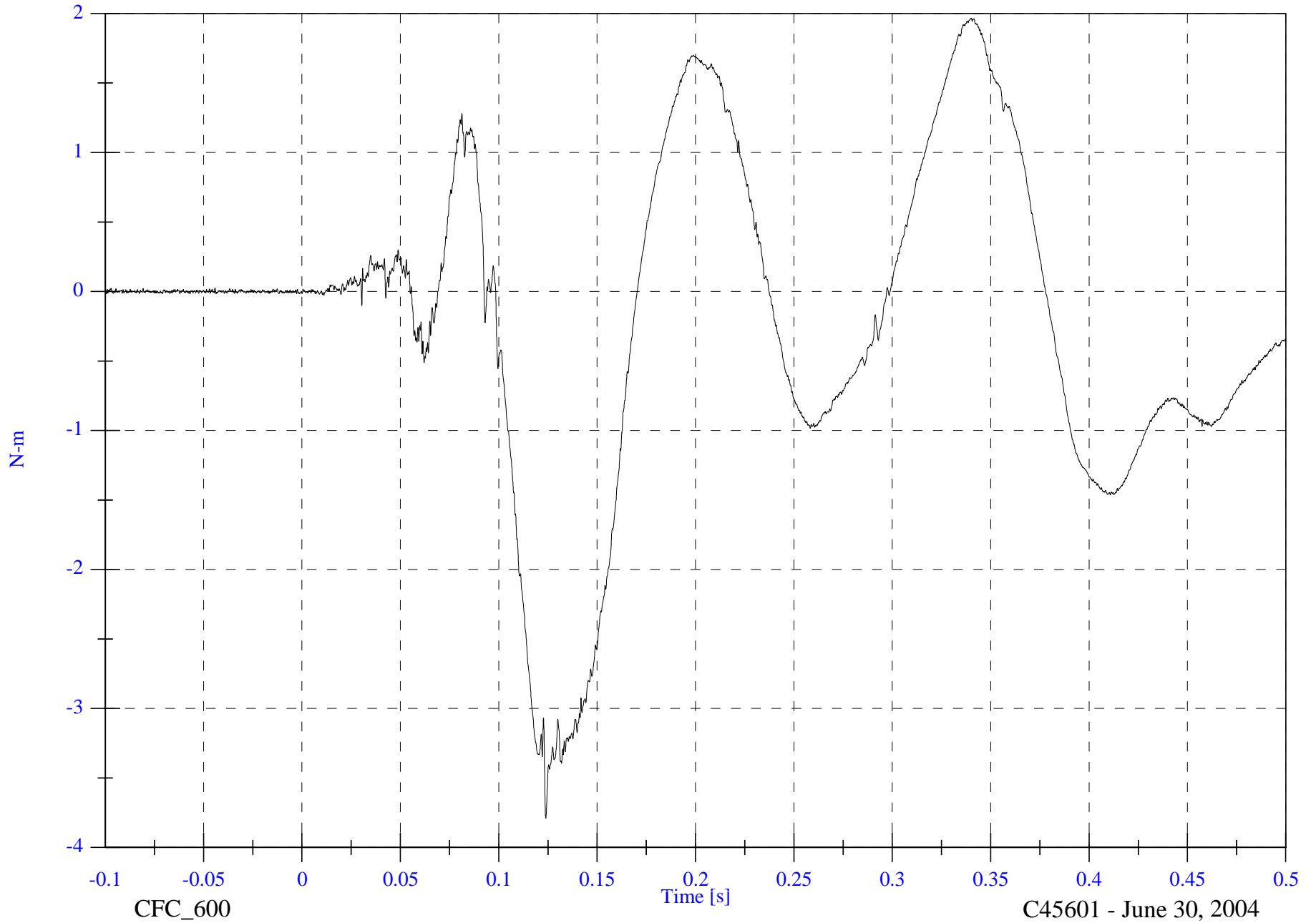
V2P1 Upper Neck Mz

Max: 2.0 [N-m] at 0.340 [s]

Min: -3.8 [N-m] at 0.124 [s]

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CFC_600

Time [s]

C45601 - June 30, 2004

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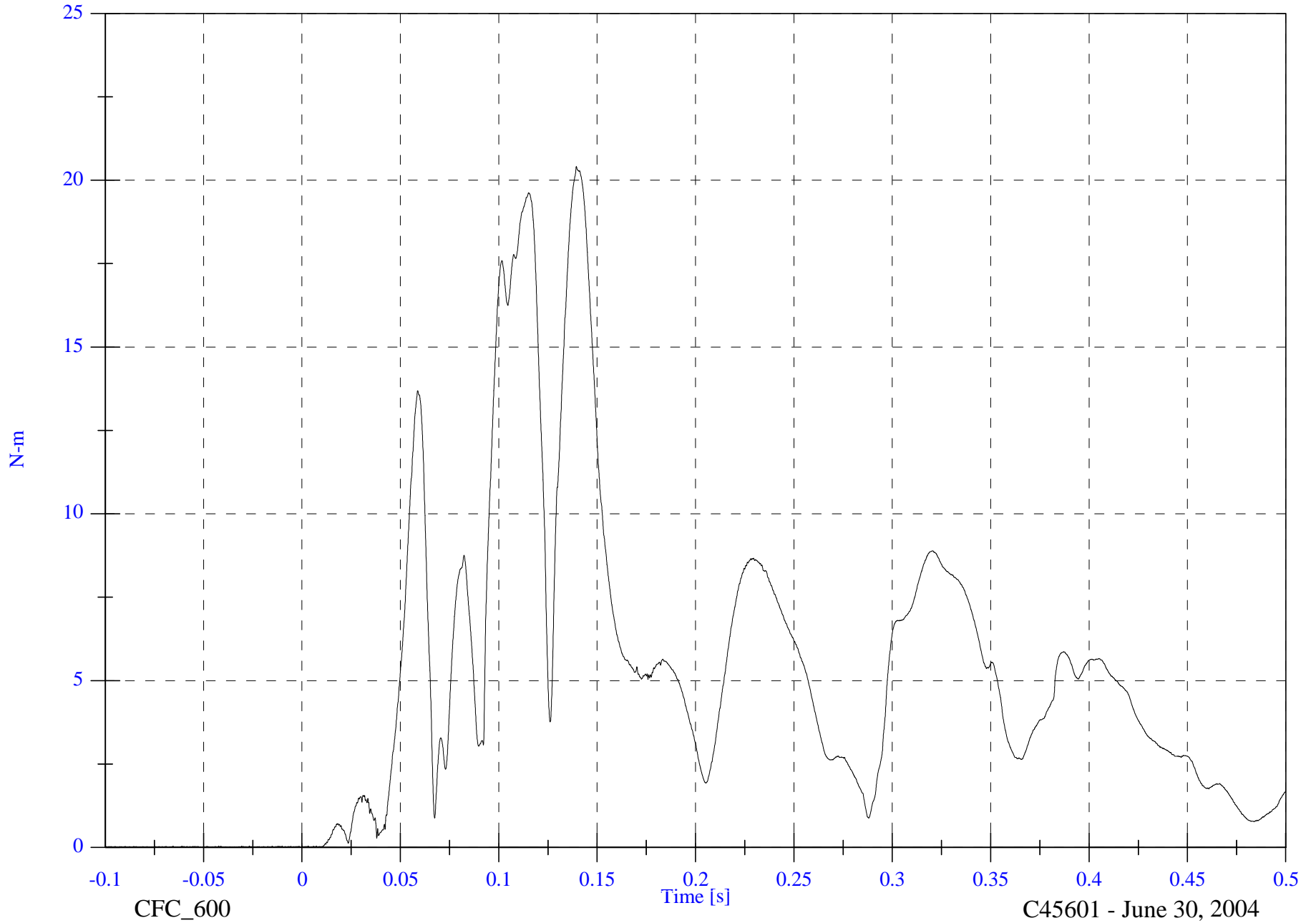
V2P1 Upper Neck M Resultant

Max: 20.4 [N-m] at 0.139 [s]

Min: 0.0 [N-m] at 0.004 [s]

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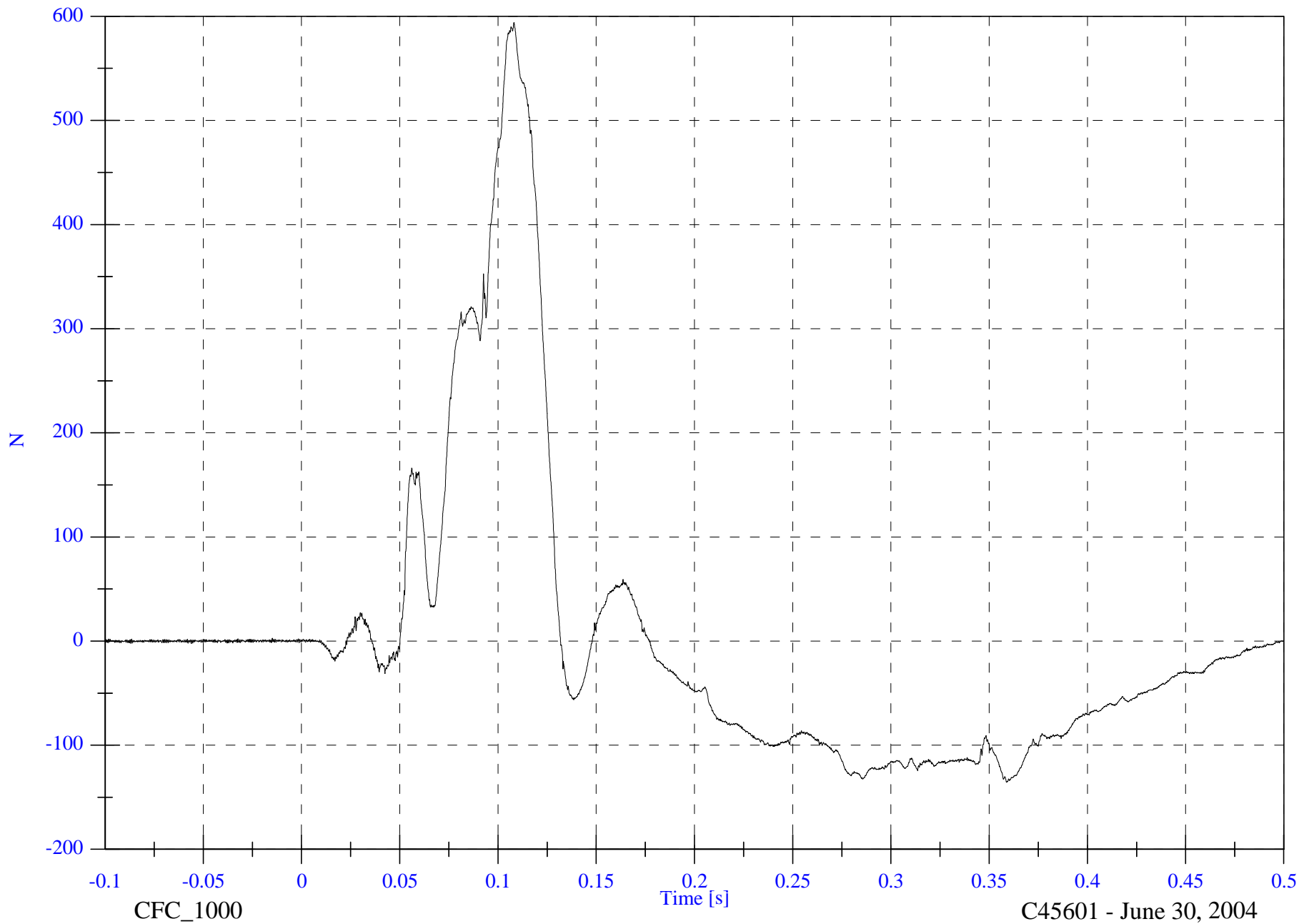
Max: 594.1 [N] at 0.108 [s]

V2P1 Lower Neck Fx

Min: -135.4 [N] at 0.359 [s]

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CFC_1000

Time [s]

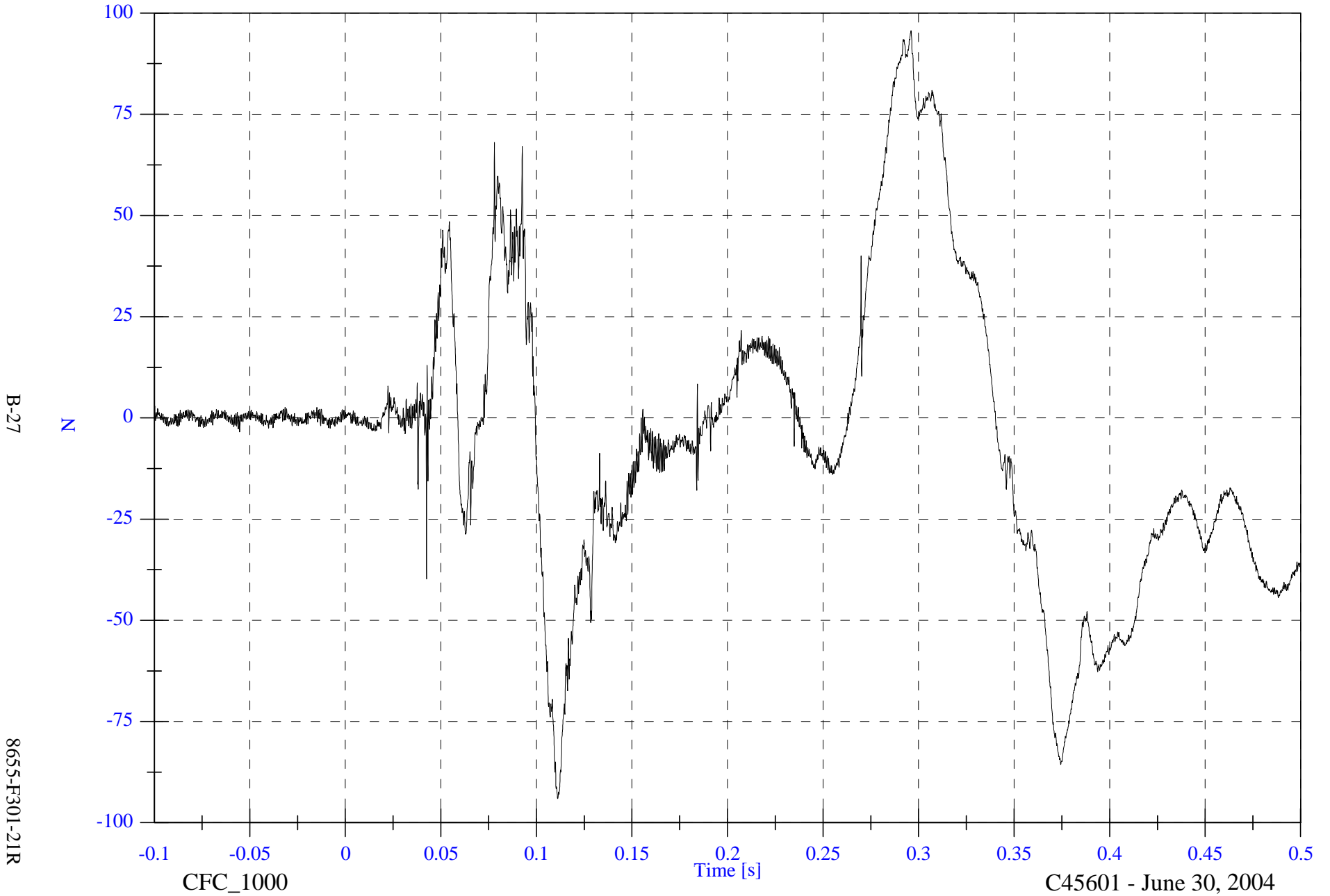
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V2P1 Lower Neck Fy

Max: 95.6 [N] at 0.296 [s]

Min: -94.0 [N] at 0.111 [s]



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8655-F301-21R

CFC_1000

Time [s]

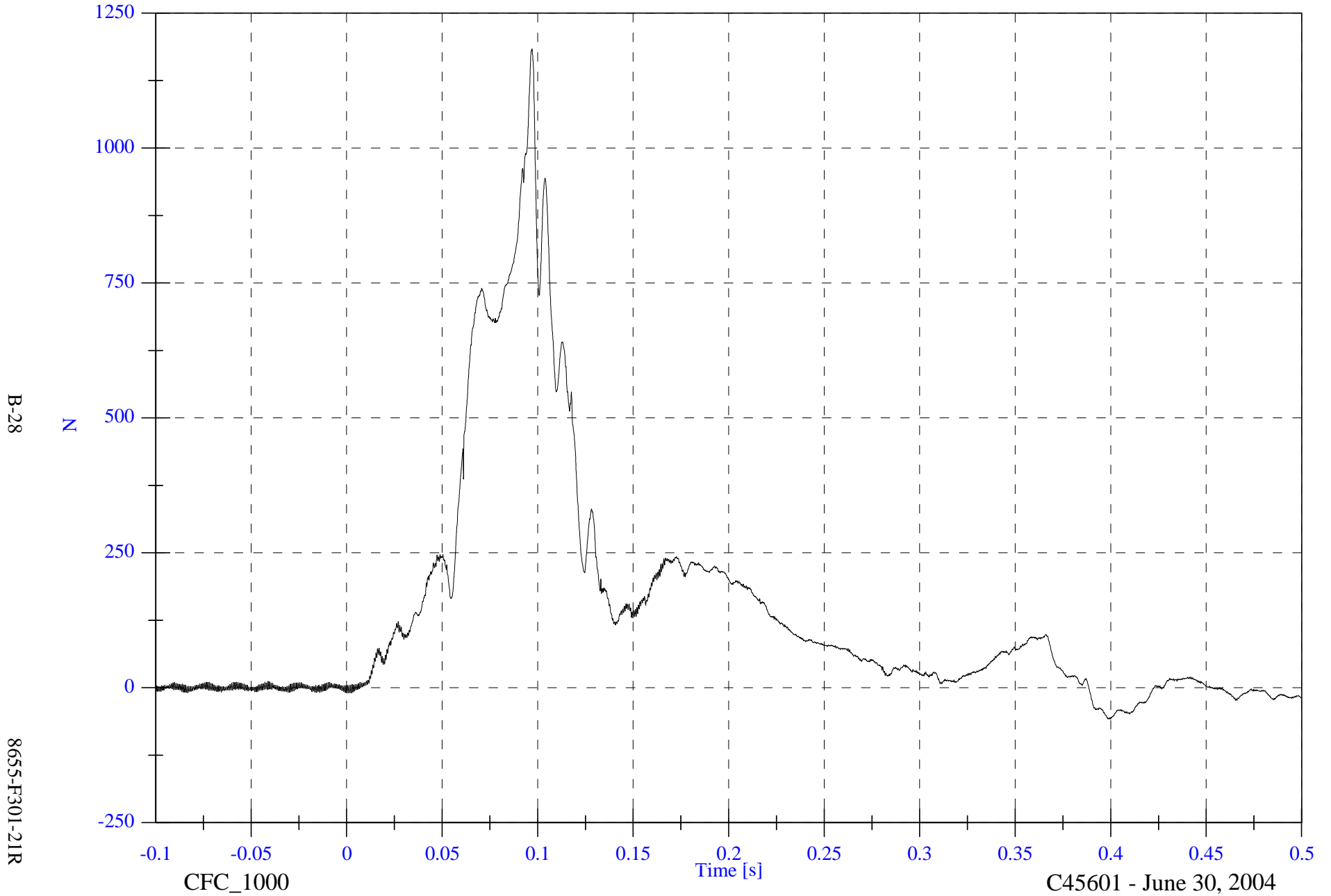
C45601 - June 30, 2004

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Max: 1183.7 [N] at 0.097 [s]

V2P1 Lower Neck Fz

Min: -58.1 [N] at 0.399 [s]



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CFC_1000

Time [s]

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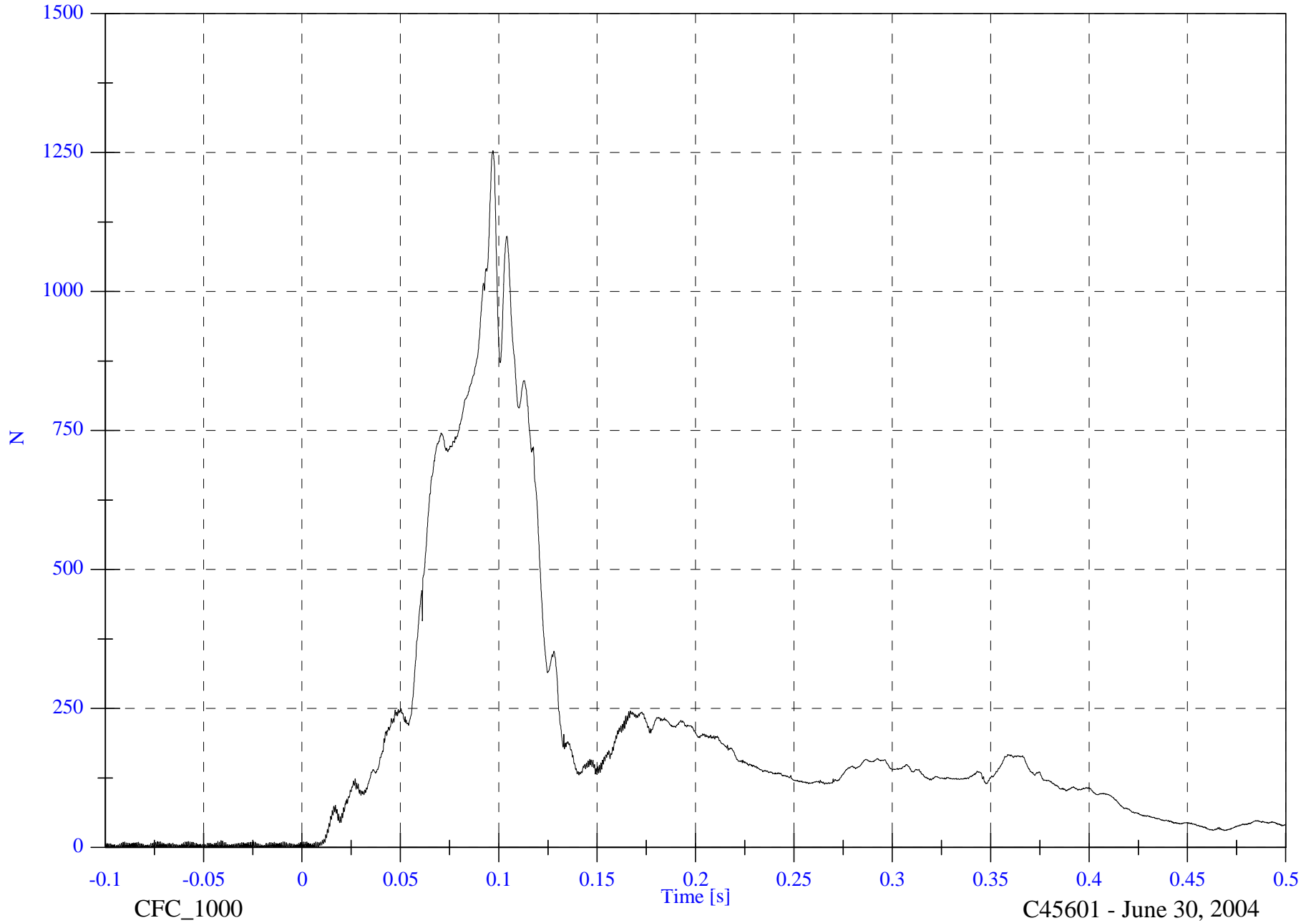
V2P1 Lower Neck F Resultant

Max: 1253.5 [N] at 0.097 [s]

Min: 0.1 [N] at -0.061 [s]

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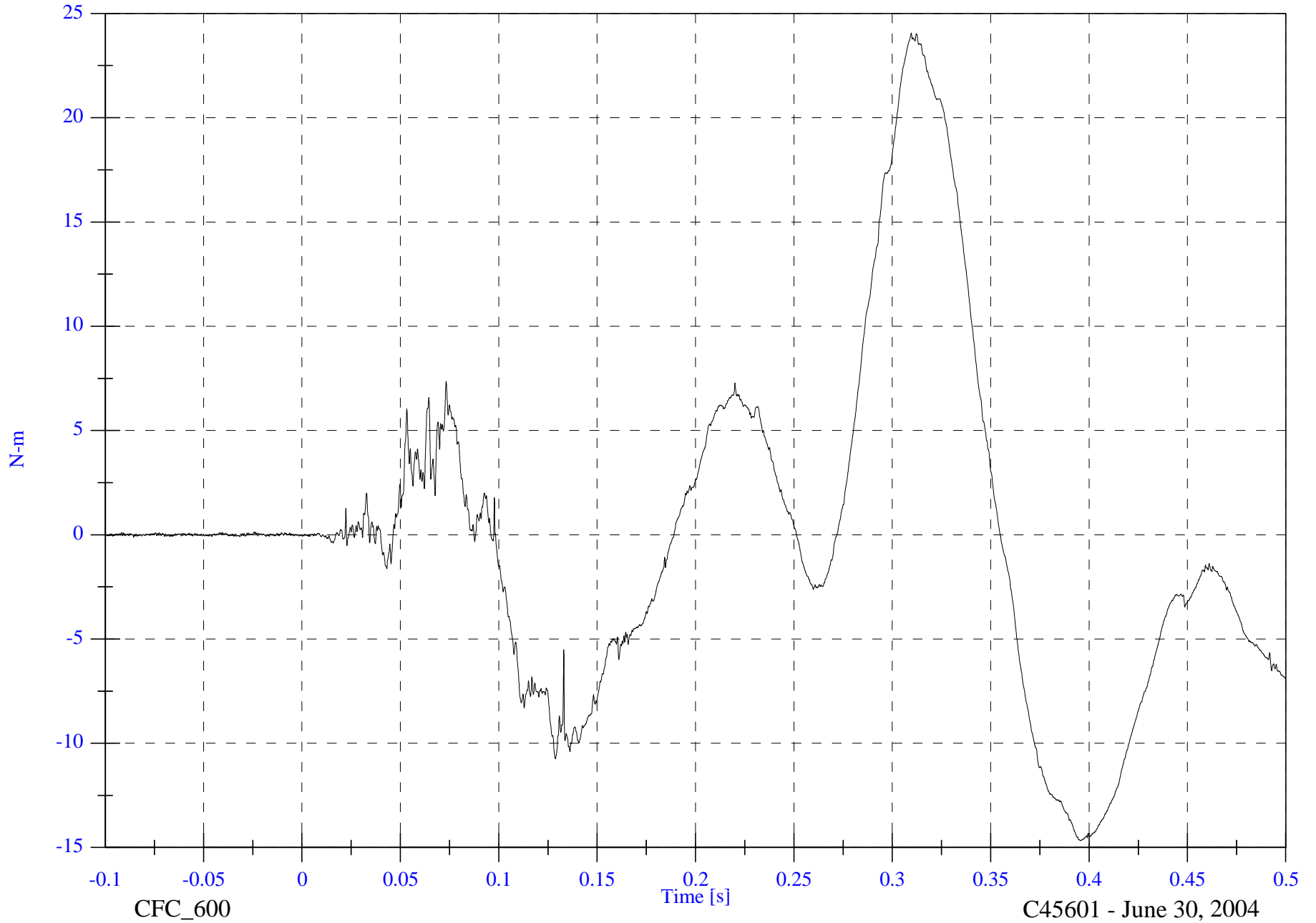
V2P1 Lower Neck Mx

Max: 24.1 [N-m] at 0.310 [s]

Min: -14.7 [N-m] at 0.396 [s]

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CFC_600

Time [s]

C45601 - June 30, 2004

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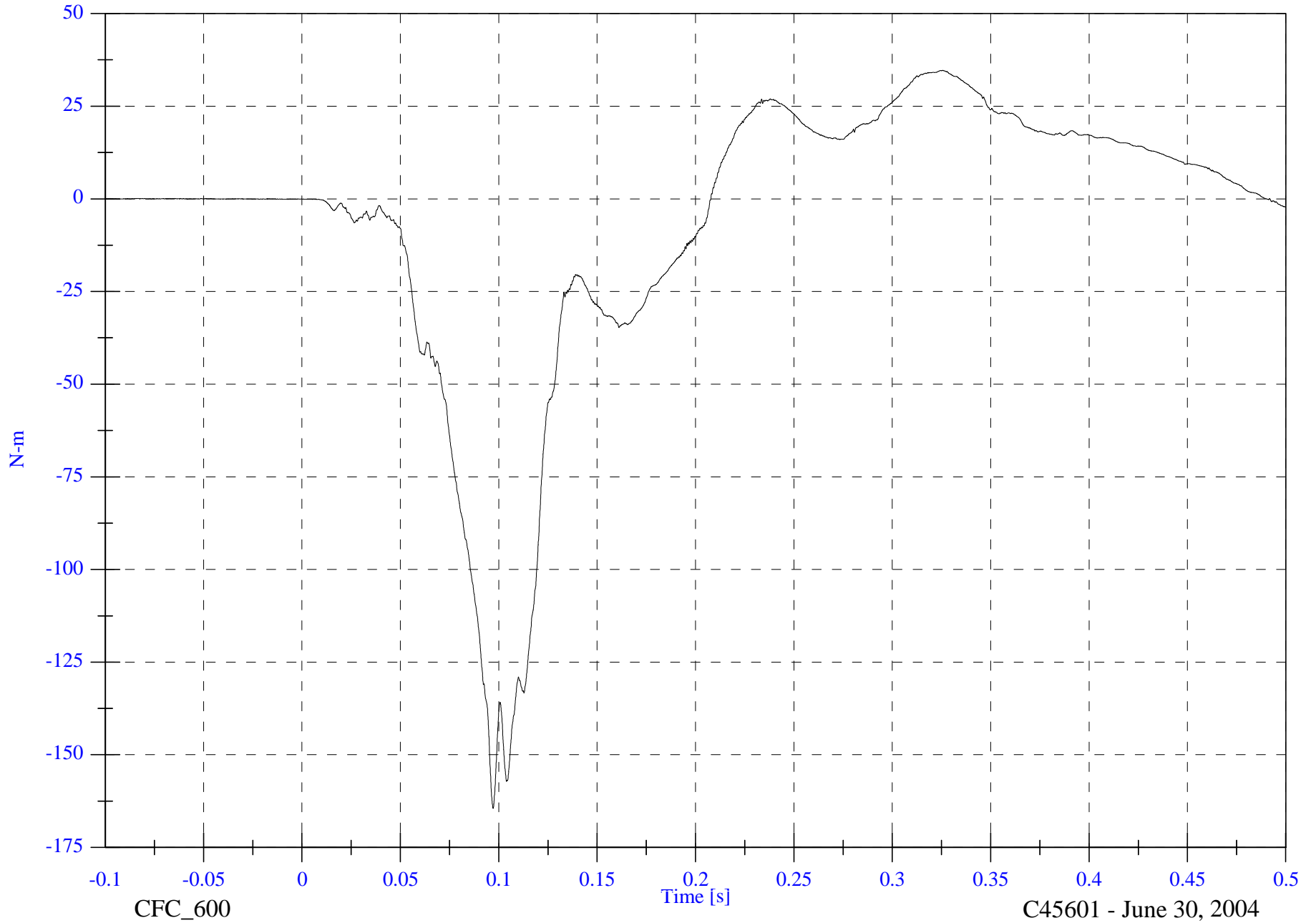
V2P1 Lower Neck My

Max: 34.7 [N-m] at 0.326 [s]

Min: -164.4 [N-m] at 0.097 [s]

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CFC_600

Time [s]

C45601 - June 30, 2004

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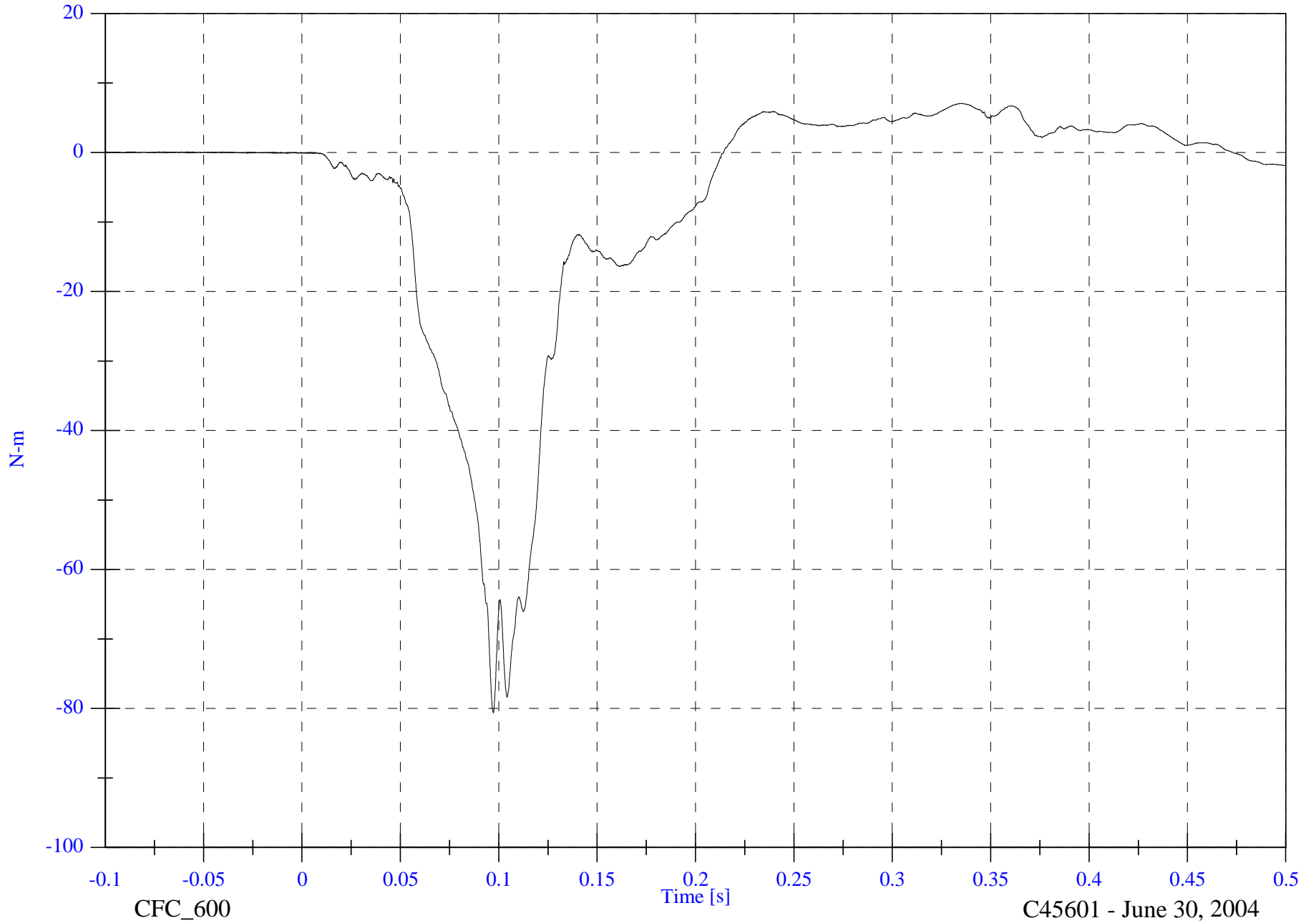
V2P1 Lower Neck Mz

Max: 7.1 [N-m] at 0.336 [s]

Min: -80.6 [N-m] at 0.097 [s]

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CFC_600

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

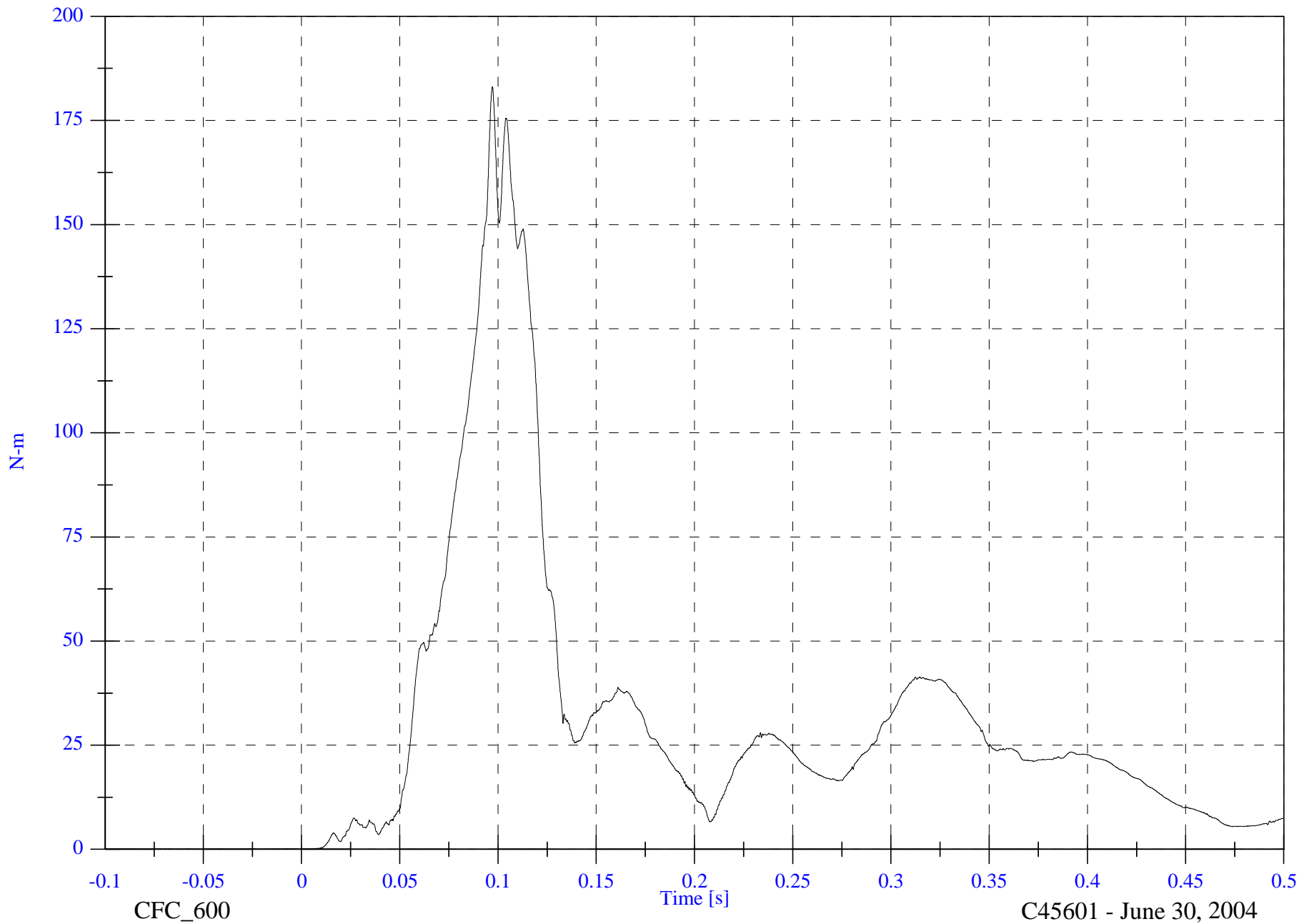
V2P1 Lower Neck M Resultant

Max: 183.1 [N-m] at 0.097 [s]

Min: 0.0 [N-m] at -0.055 [s]

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CFC_600

Time [s]

C45601 - June 30, 2004

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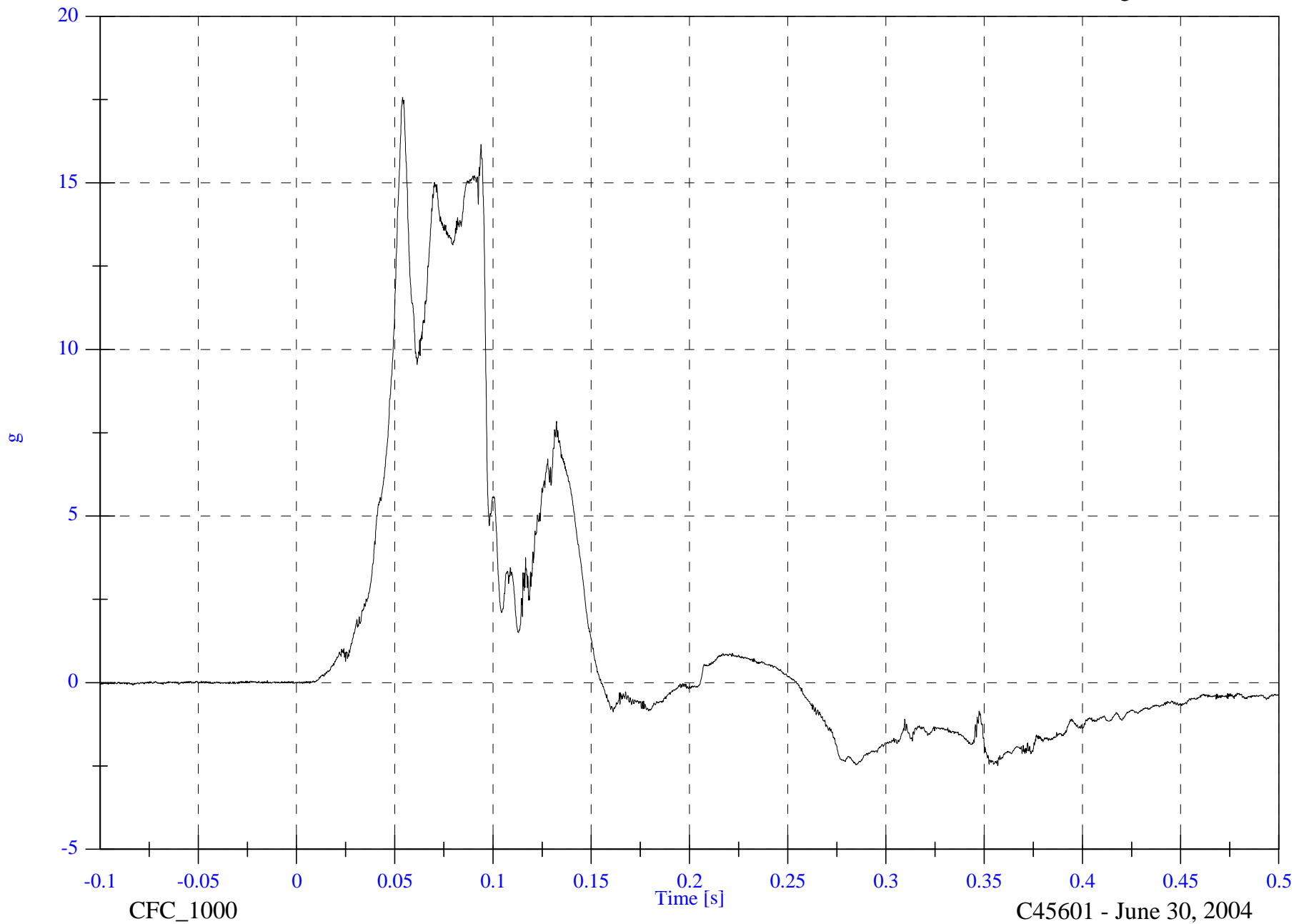
V2P1 Lower Neck x

Max: 17.6 [g] at 0.054 [s]

Min: -2.5 [g] at 0.357 [s]

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CFC_1000

Time [s]

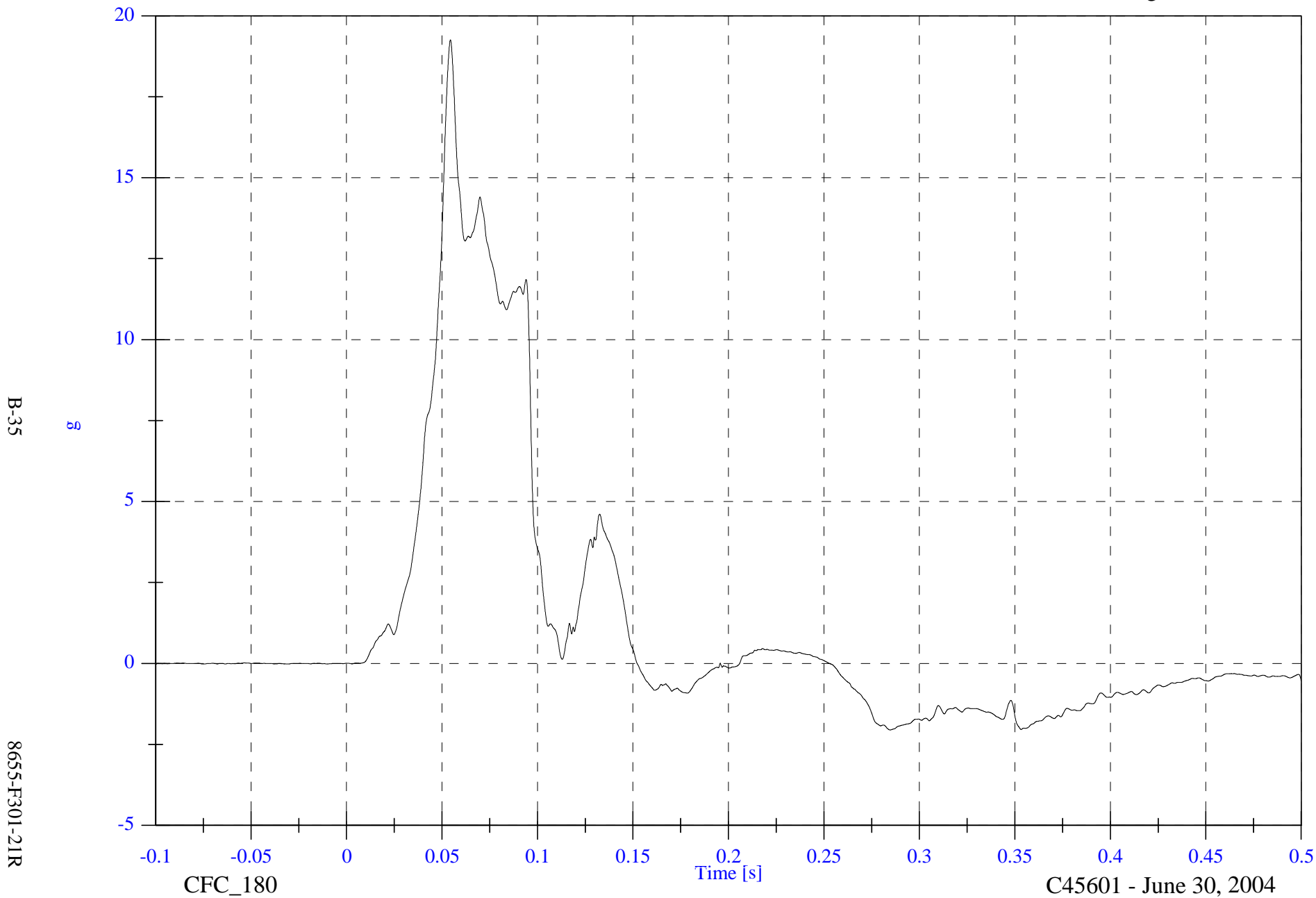
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V2P1 Chest x

Max: 19.3 [g] at 0.054 [s]

Min: -2.1 [g] at 0.285 [s]

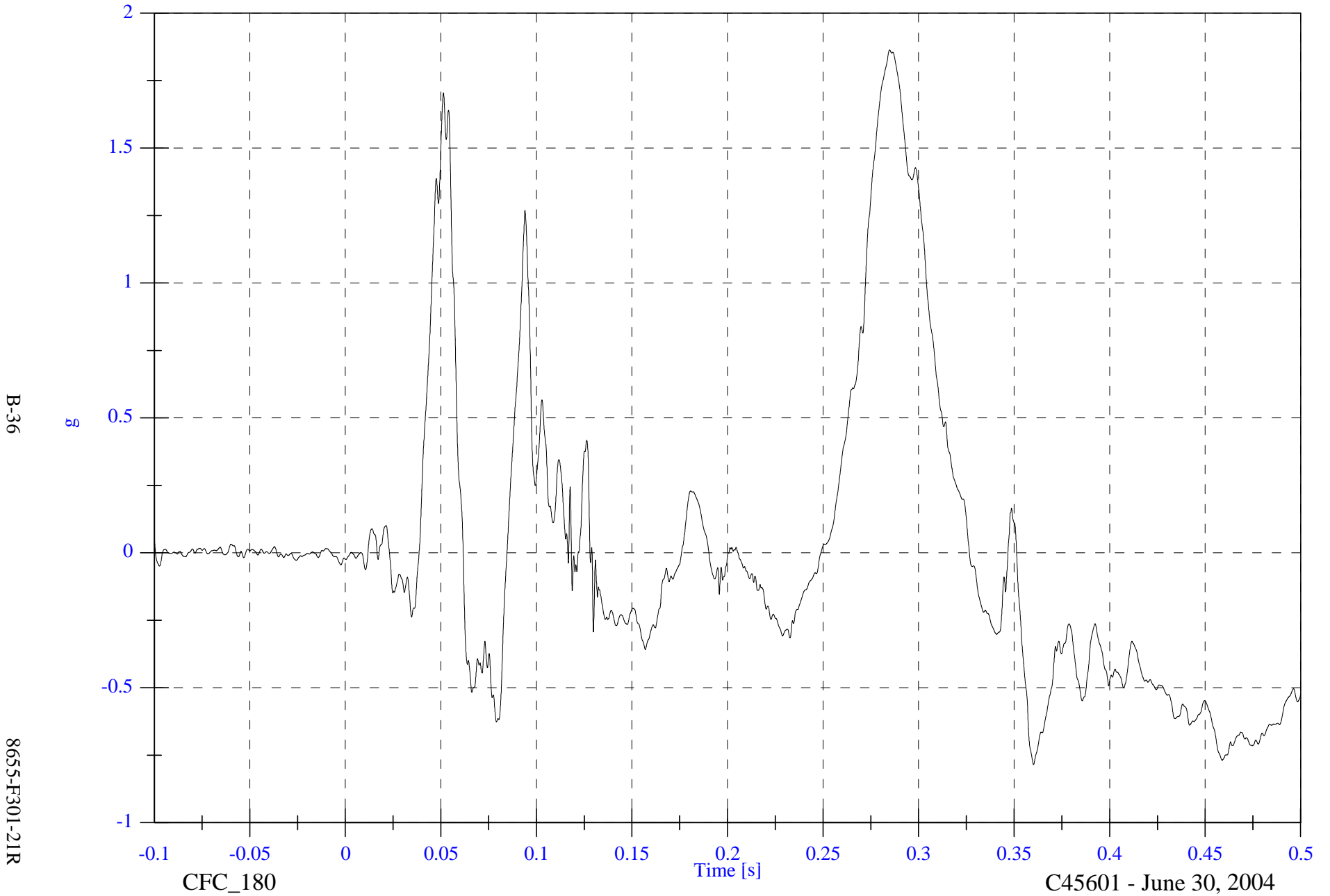


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V2P1 Chest y

Max: 1.9 [g] at 0.285 [s]

Min: -0.8 [g] at 0.360 [s]

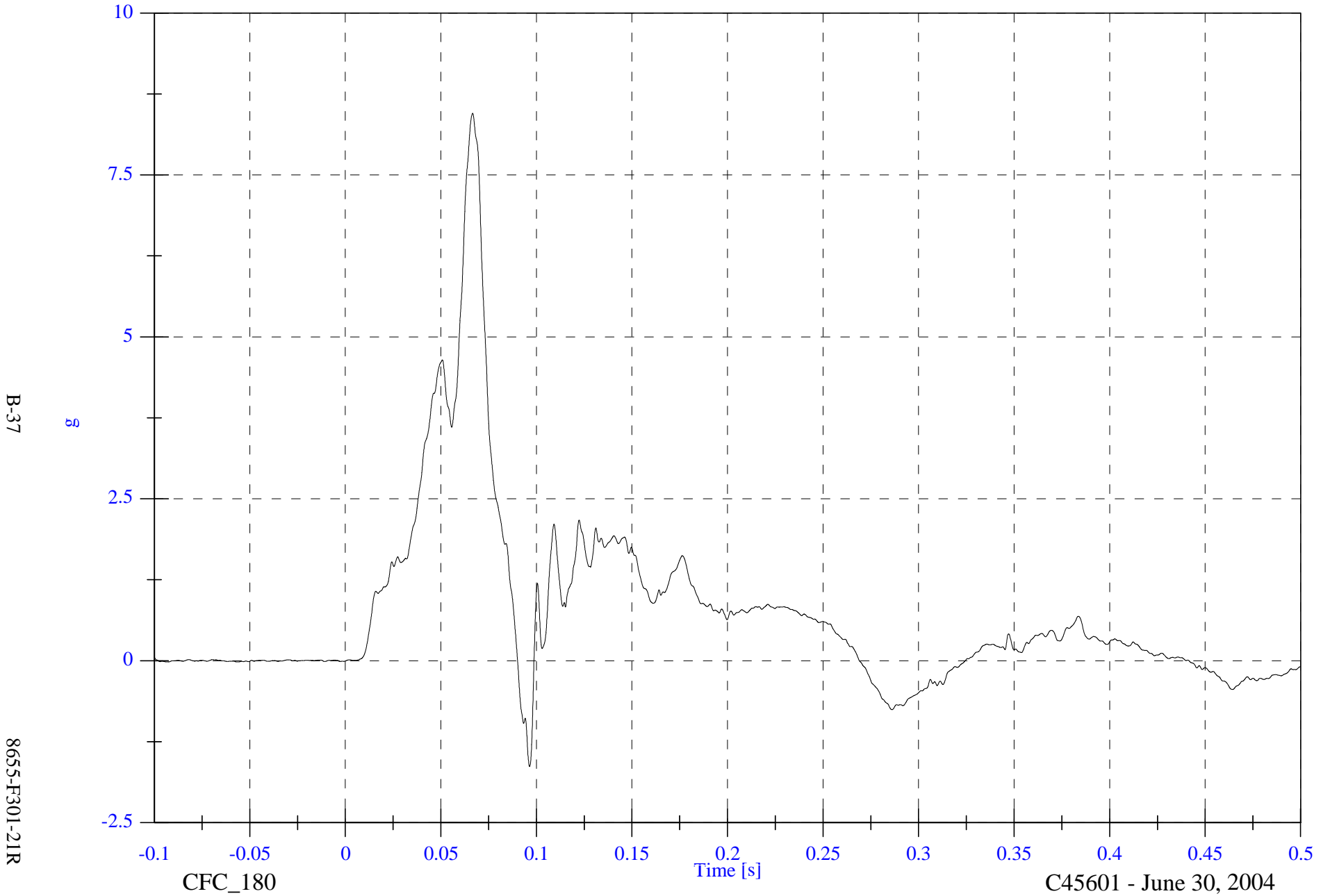


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V2P1 Chest z

Max: 8.5 [g] at 0.067 [s]

Min: -1.6 [g] at 0.096 [s]



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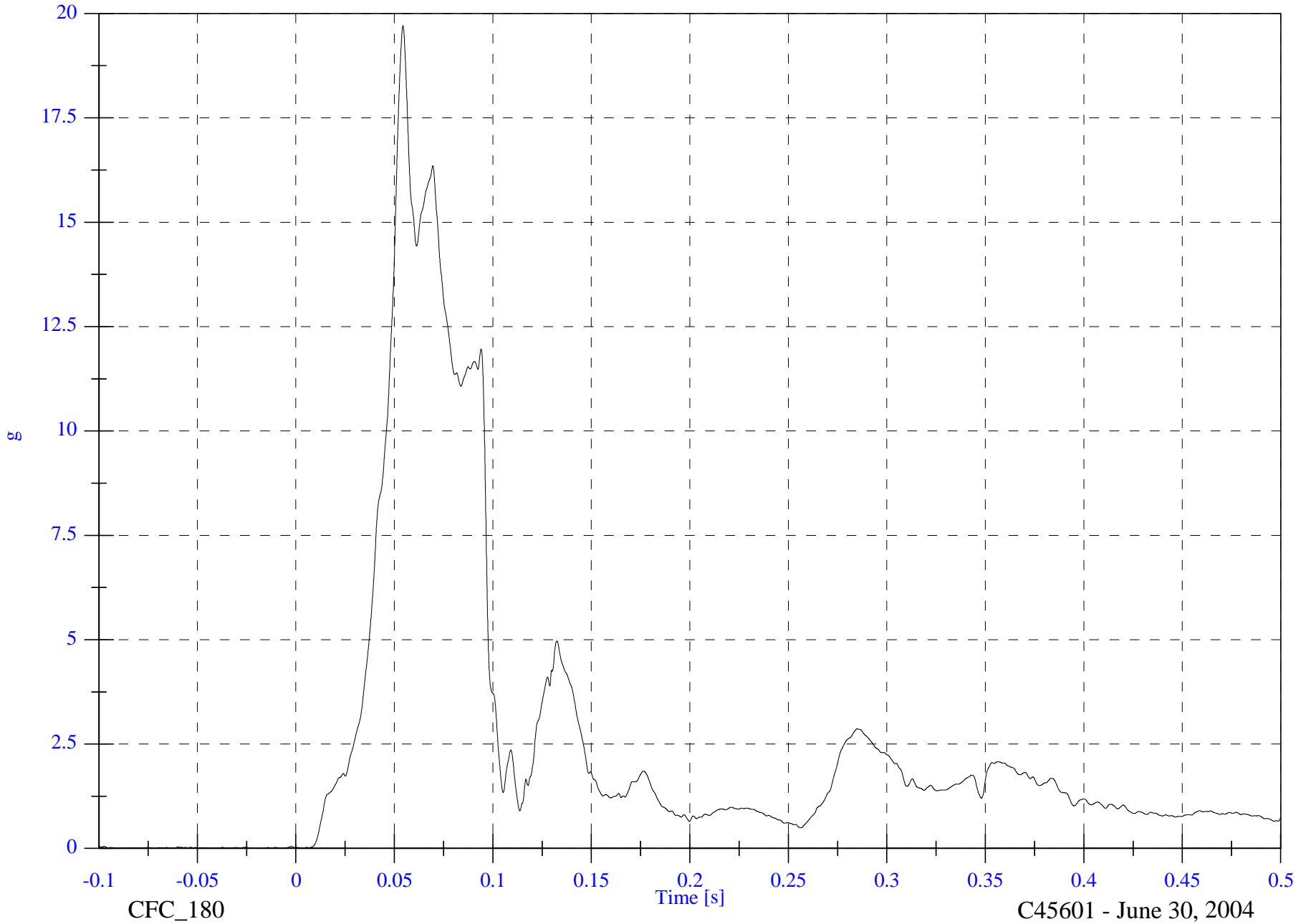
V2P1 Chest Resultant

Max: 19.7 [g] at 0.054 [s]

Min: 0.0 [g] at -0.042 [s]

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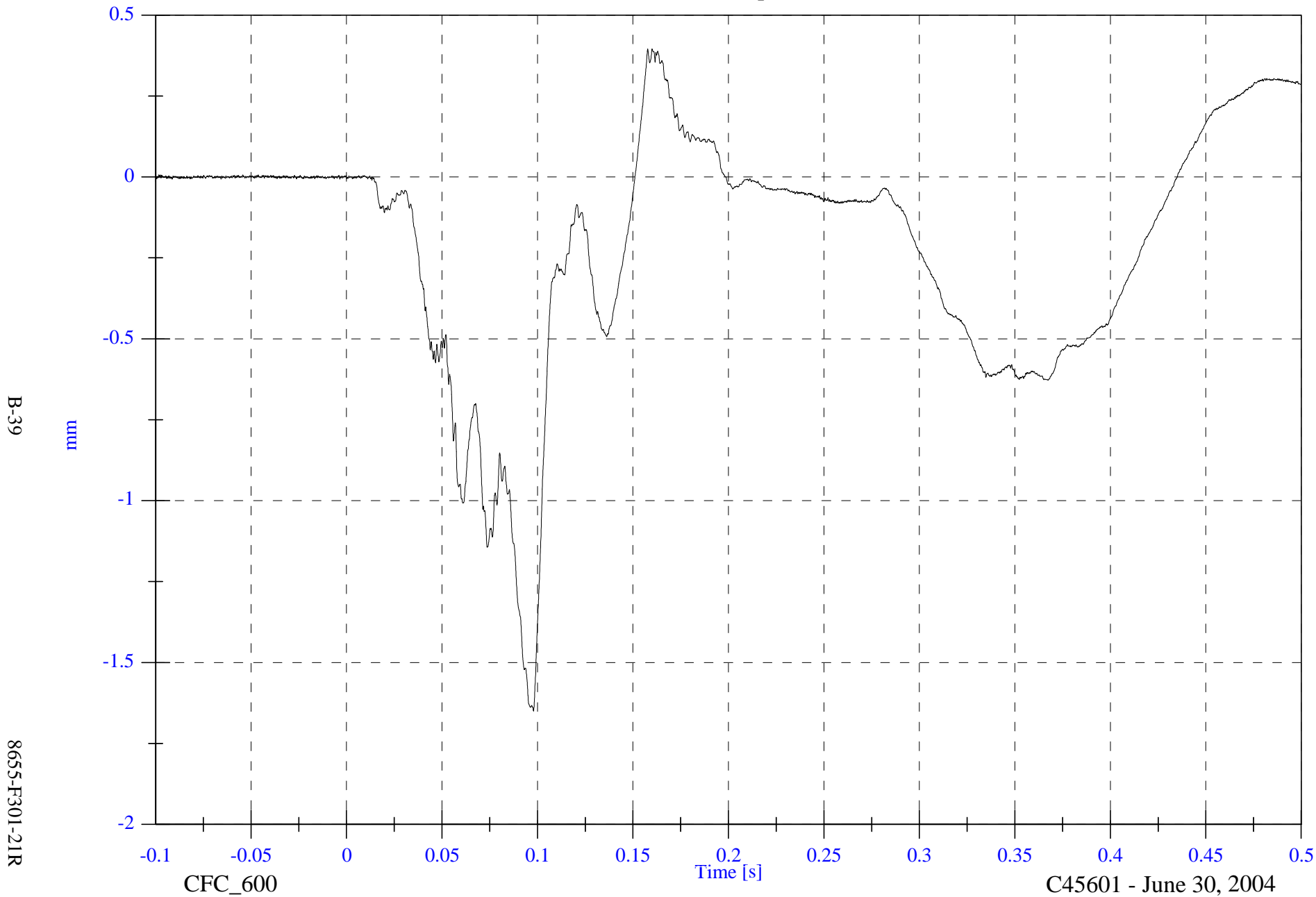


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V2P1 Chest Displacement

Max: 0.4 [mm] at 0.160 [s]

Min: -1.6 [mm] at 0.098 [s]



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CFC_600

Time [s]

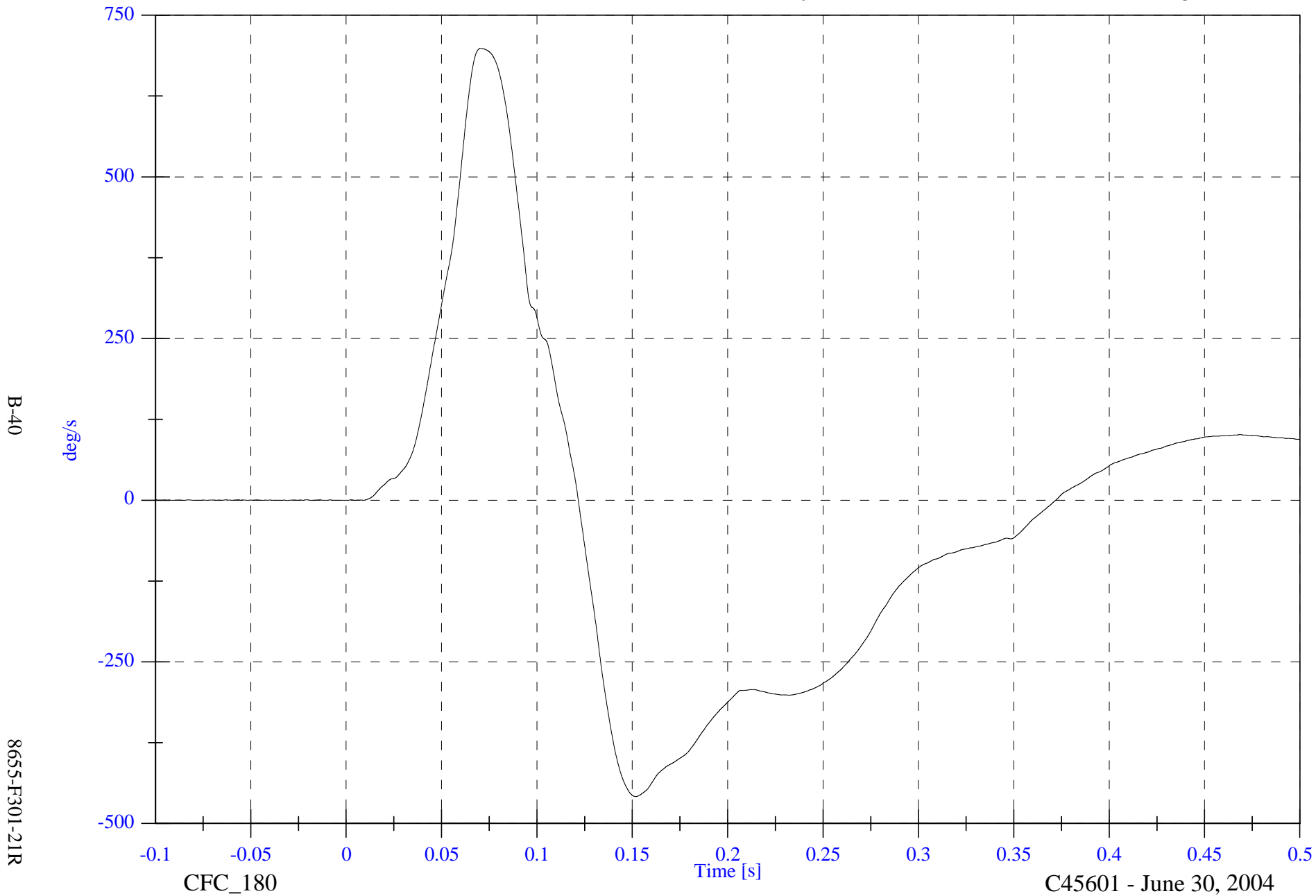
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V2P1 Chest AVy

Max: 698.6 [deg/s] at 0.071 [s]

Min: -458.4 [deg/s] at 0.152 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

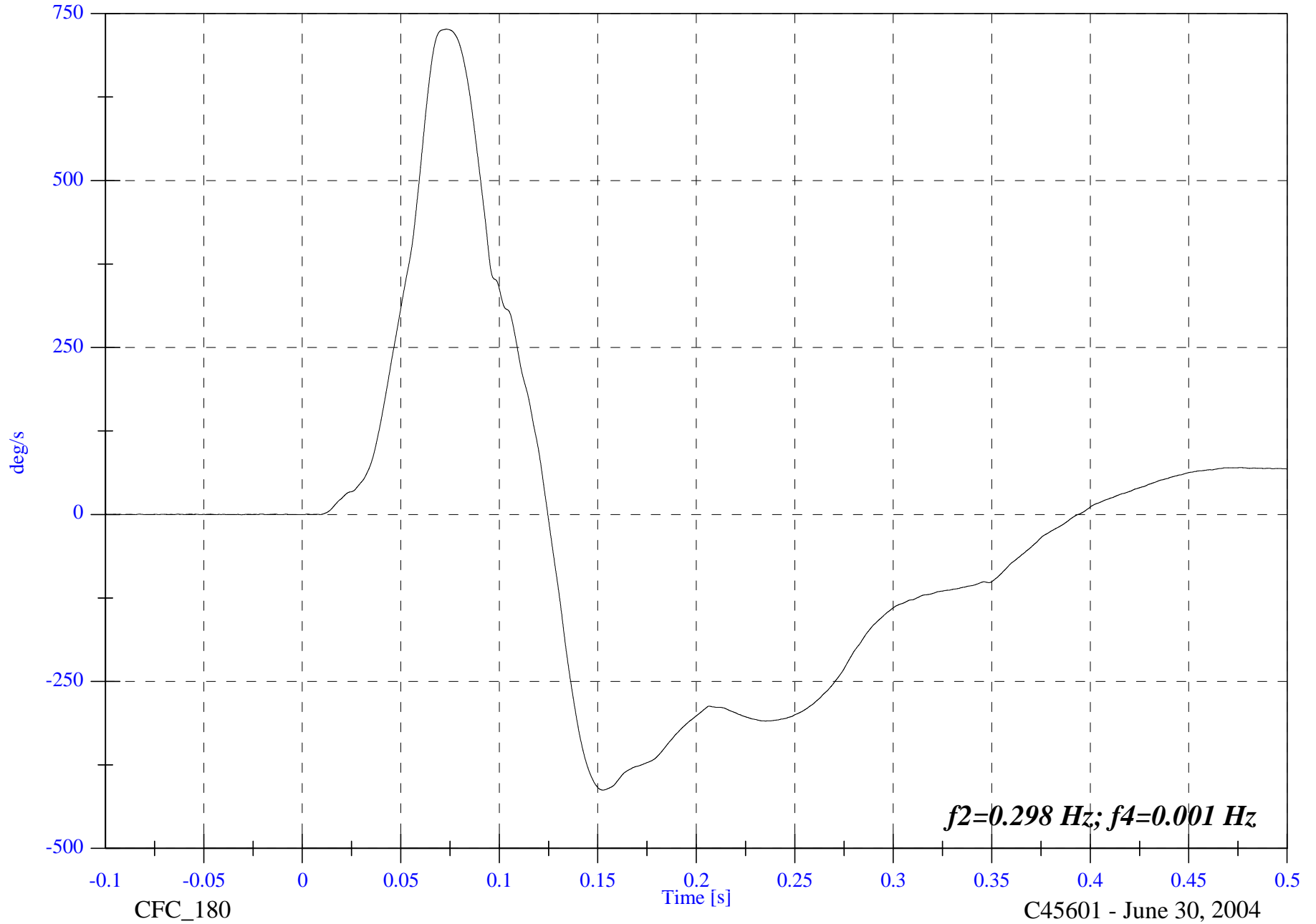
V2P1 Chest Comp AVy

Max: 726.4 [deg/s] at 0.073 [s]

Min: -412.8 [deg/s] at 0.153 [s]

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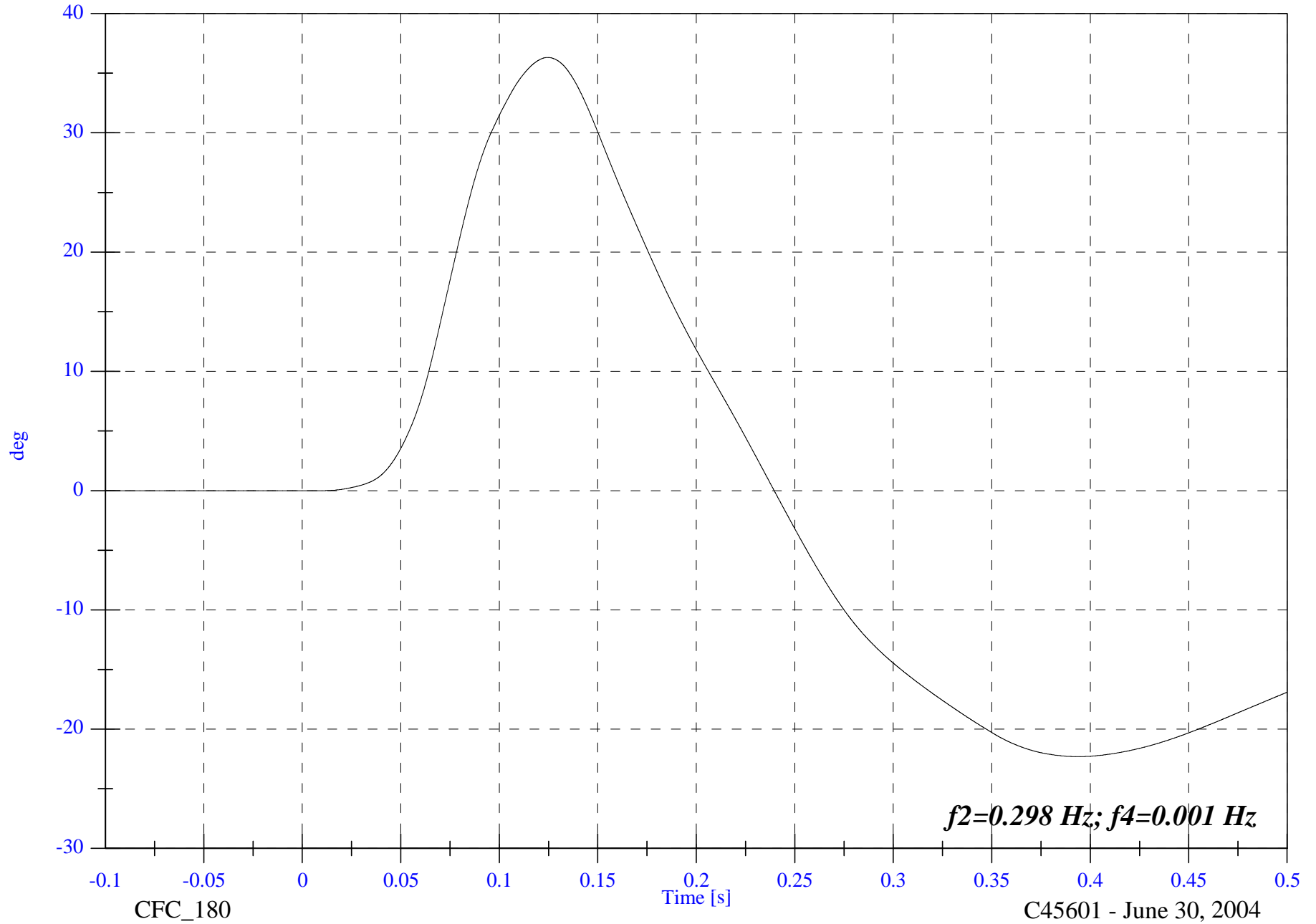
V2P1 Chest Comp ADy

Max: 36.3 [deg] at 0.125 [s]

Min: -22.3 [deg] at 0.394 [s]

B-42

8655-F301-21R

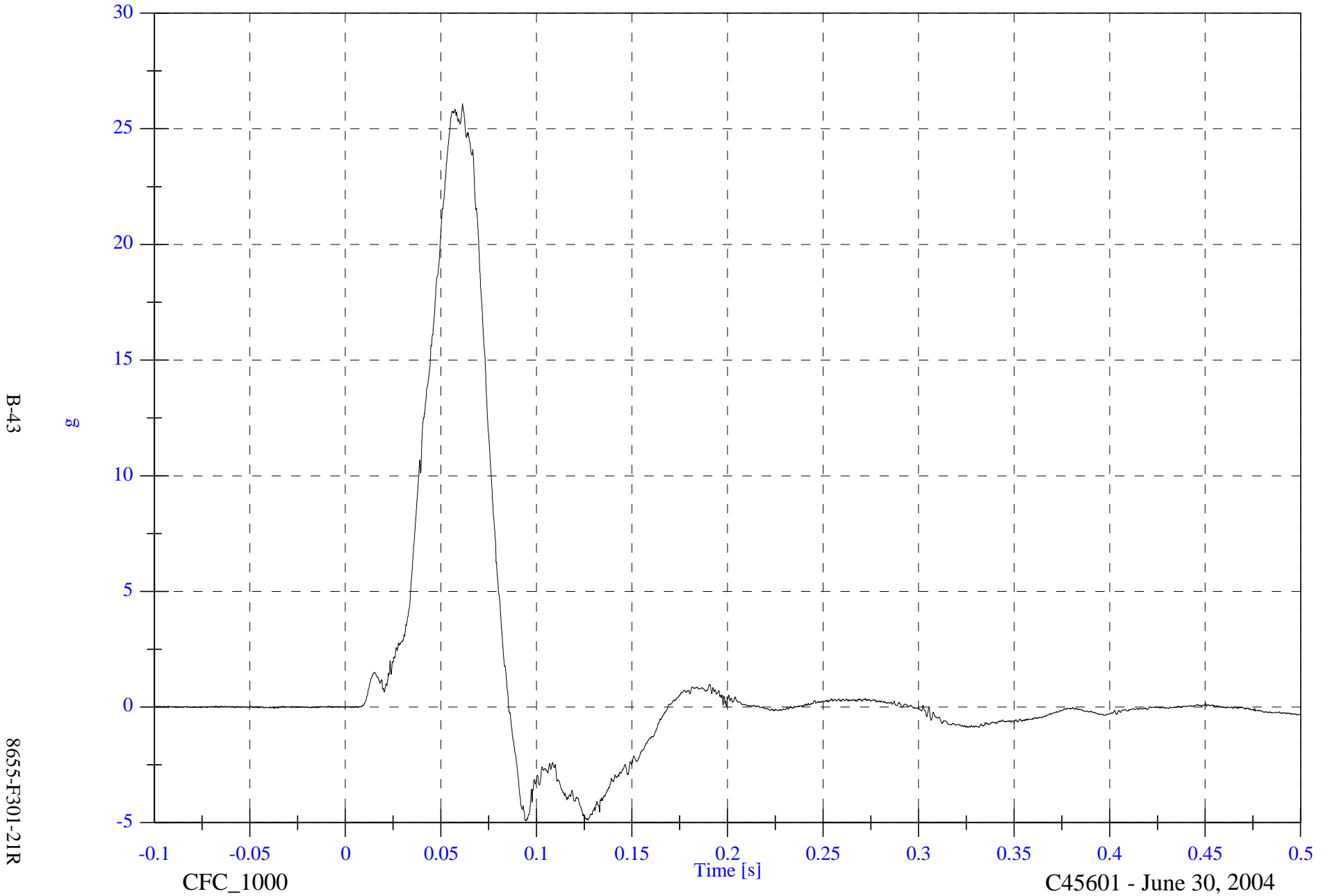


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 26.1 [g] at 0.061 [s]

V2P1 Pelvic x

Min: -4.9 [g] at 0.095 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

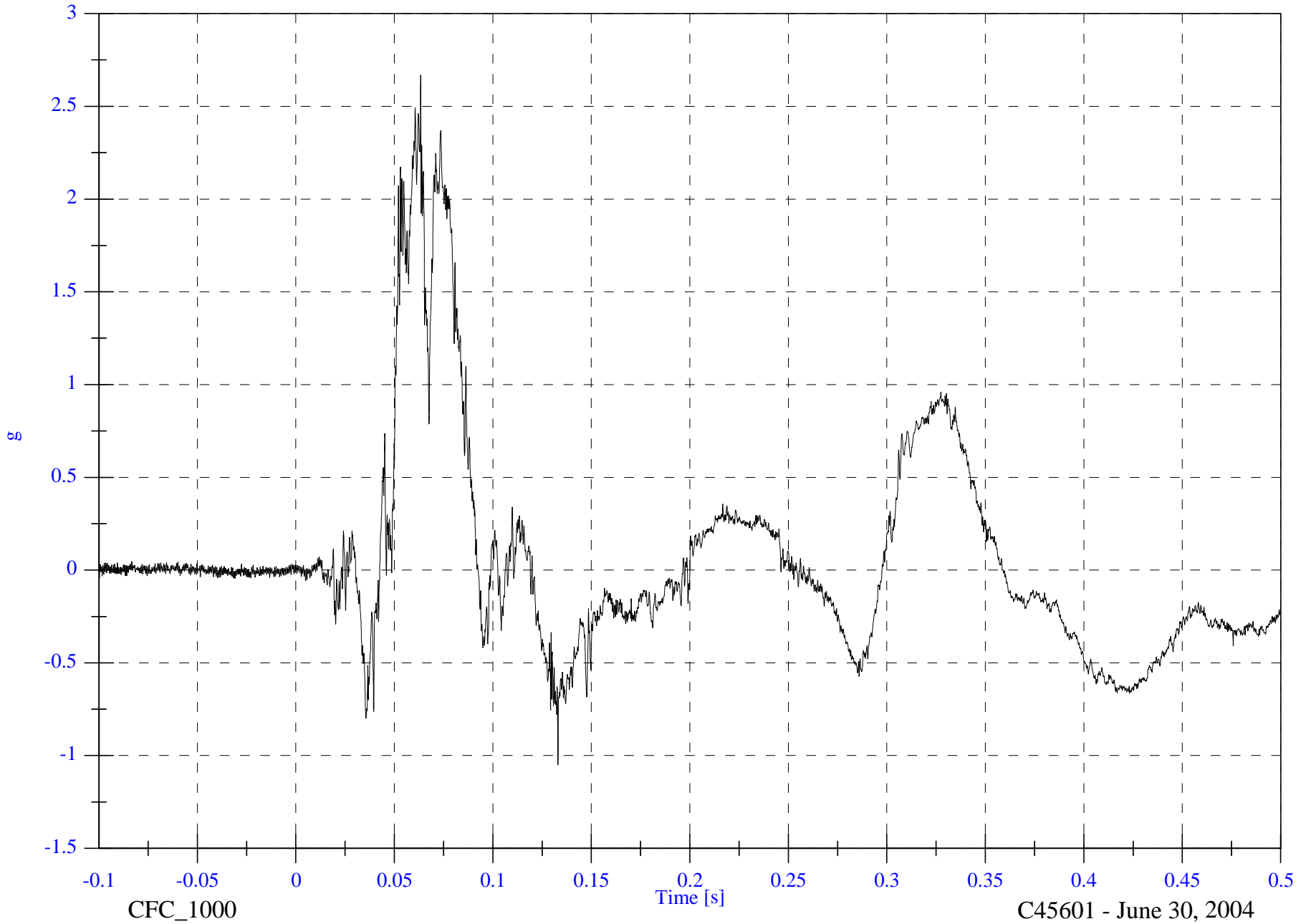
V2P1 Pelvic y

Max: 2.7 [g] at 0.063 [s]

Min: -1.1 [g] at 0.133 [s]

B-44

8655-F301-21R

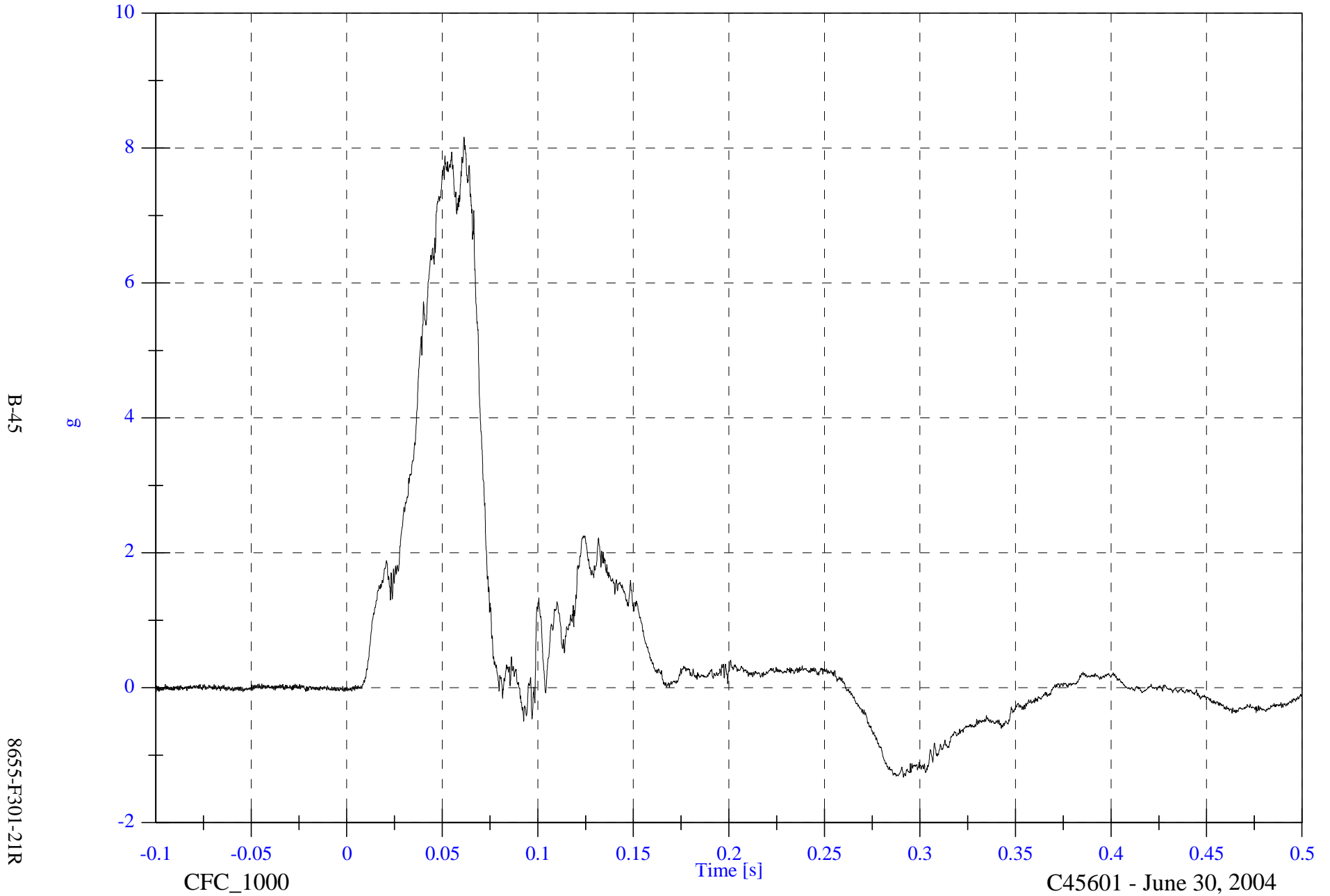


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V2P1 Pelvic z

Max: 8.2 [g] at 0.061 [s]

Min: -1.3 [g] at 0.291 [s]



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CFC_1000

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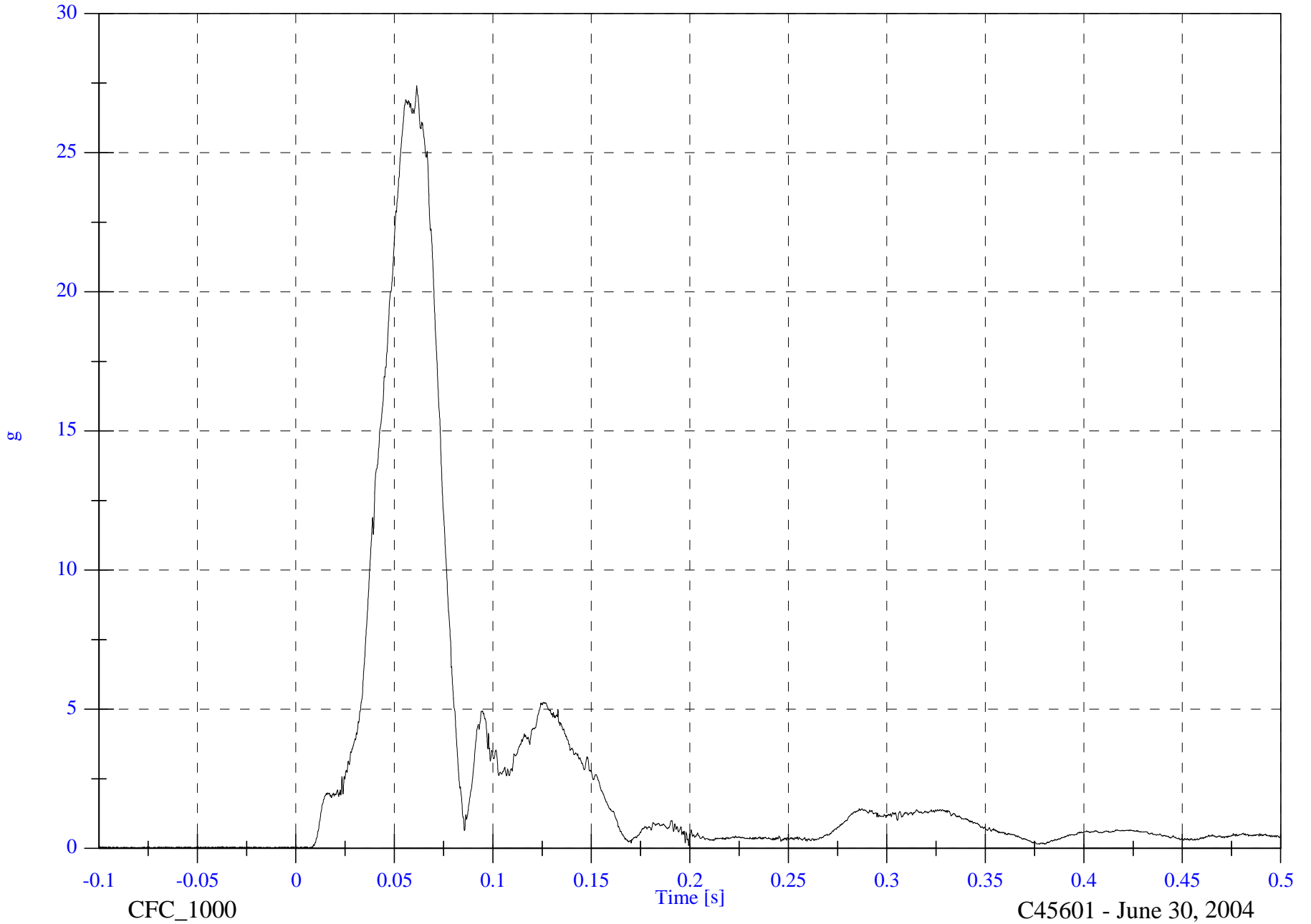
V2P1 Pelvic Resultant

Max: 27.4 [g] at 0.061 [s]

Min: 0.0 [g] at -0.045 [s]

B-46

8655-F301-21R



CFC_1000

Time [s]

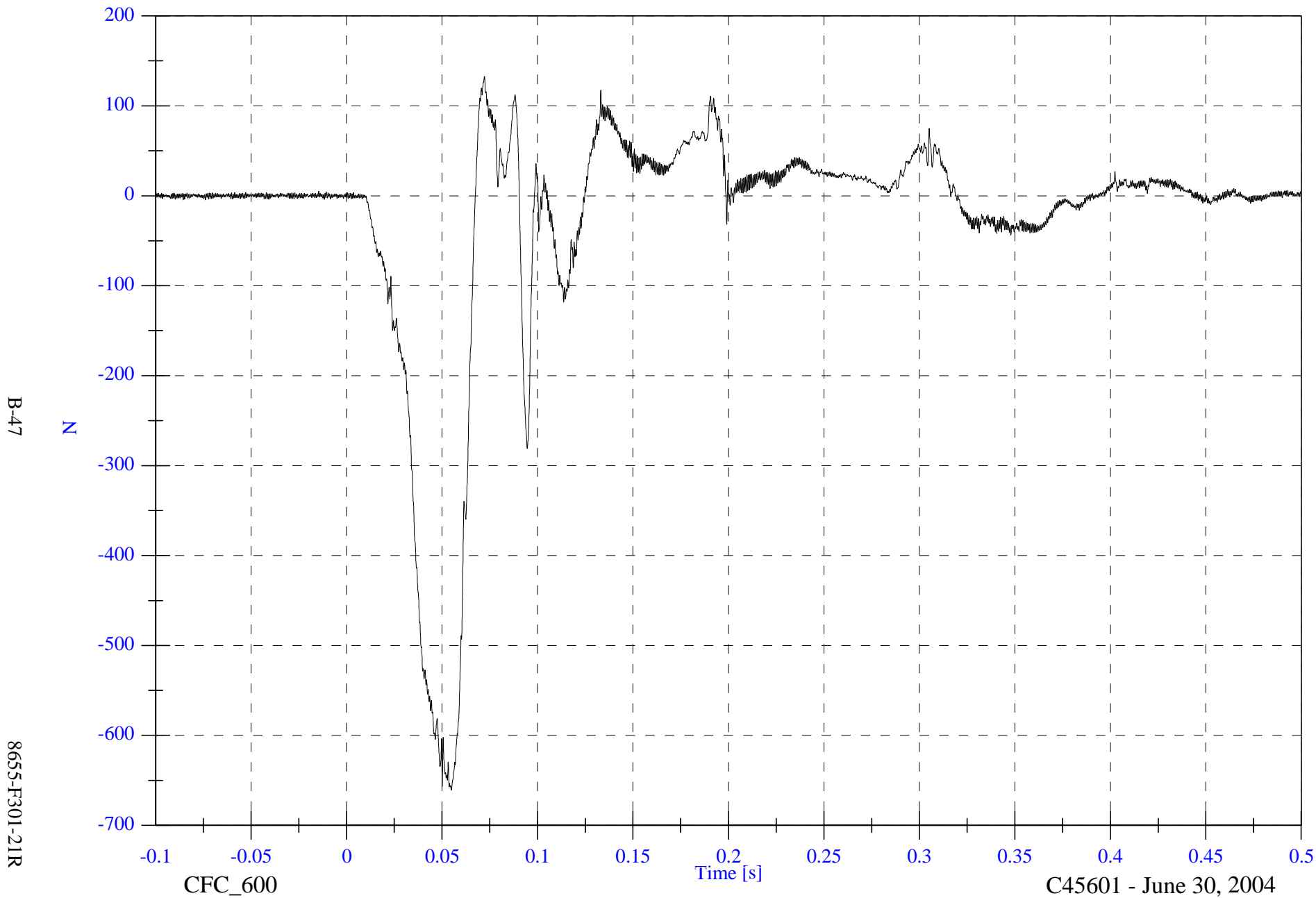
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Max: 132.5 [N] at 0.072 [s]

V2P1 Left Femur

Min: -660.7 [N] at 0.055 [s]



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8655-F301-21R

CFC_600

Time [s]

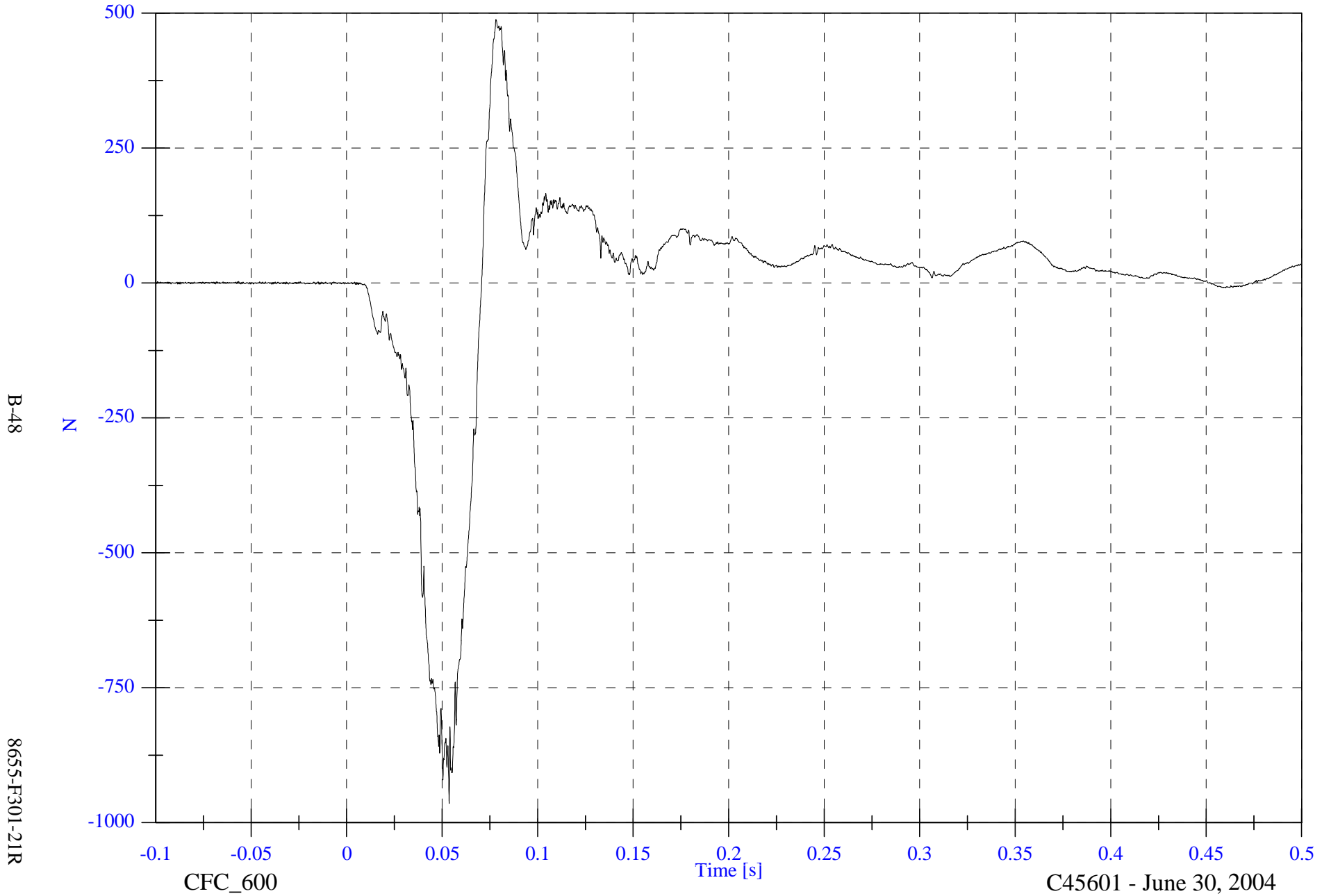
C45601 - June 30, 2004

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V2P1 Right Femur

Max: 488.2 [N] at 0.078 [s]

Min: -964.2 [N] at 0.054 [s]

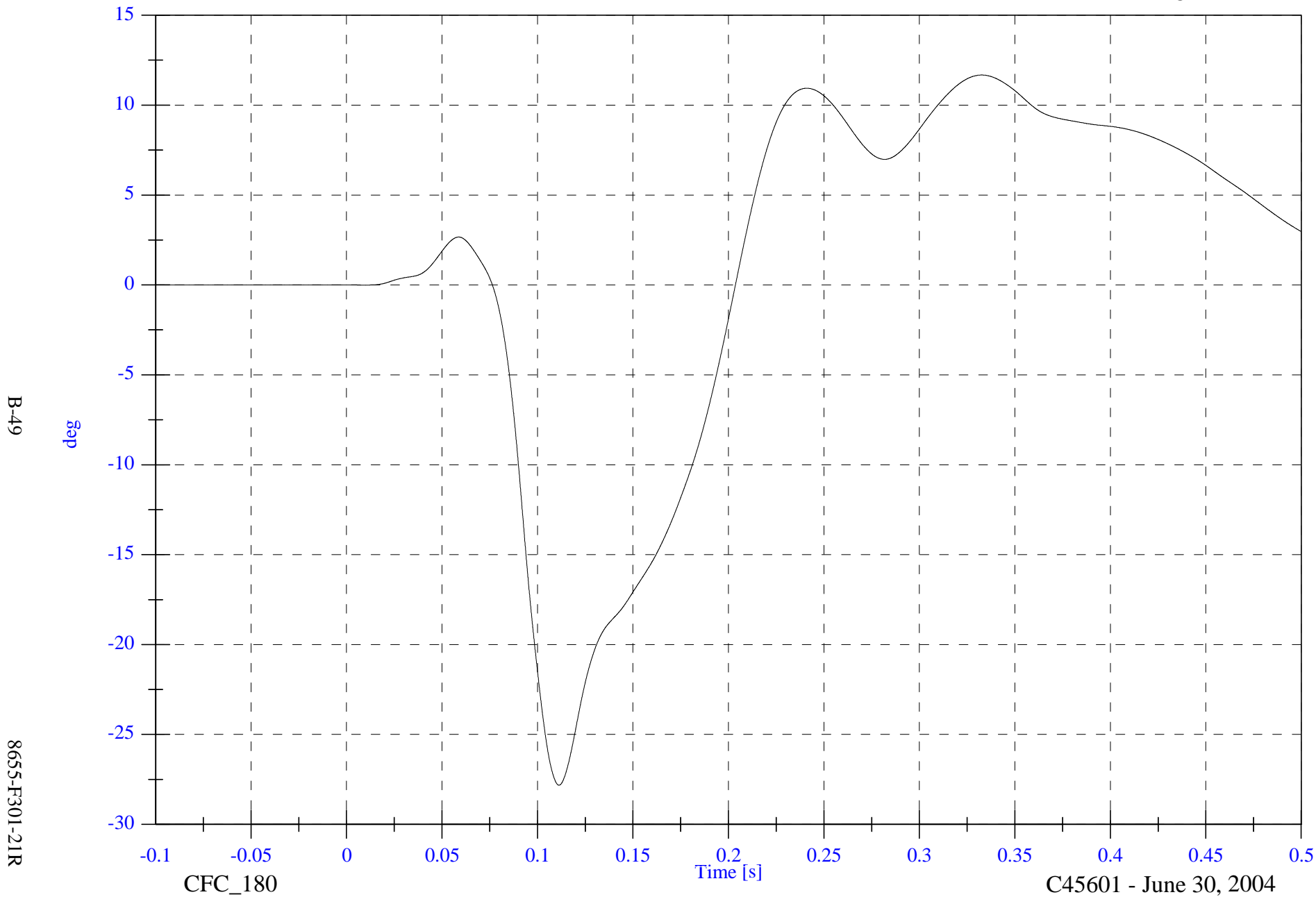


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V2P1 Head to Chest

Max: 11.7 [deg] at 0.333 [s]

Min: -27.8 [deg] at 0.111 [s]



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8655-F301-21R

CFC_180

Time [s]

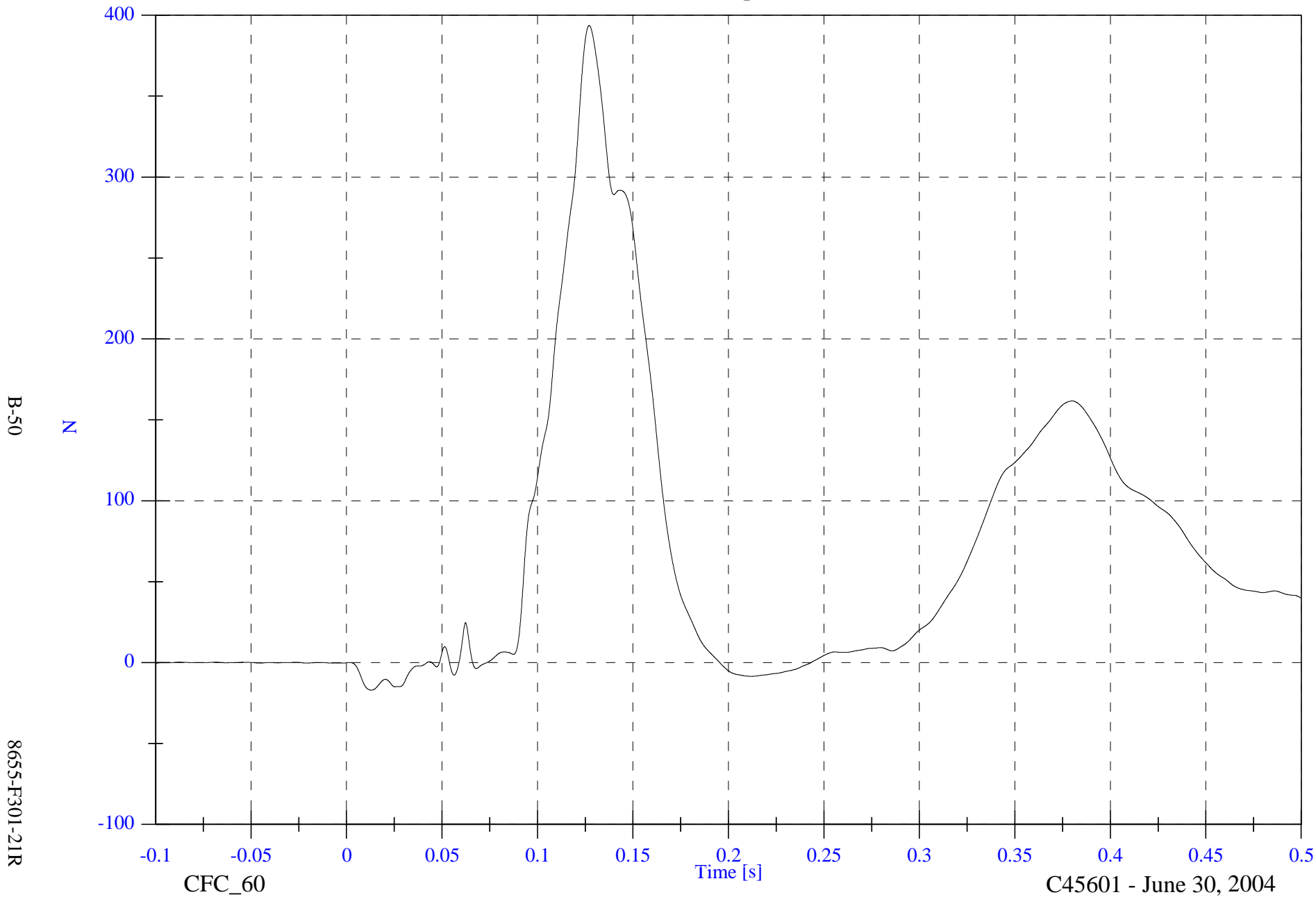
C45601 - June 30, 2004

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V2P1 Lap Belt

Max: 393.7 [N] at 0.127 [s]

Min: -17.1 [N] at 0.013 [s]



B-50

N

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CFC_60

Time [s]

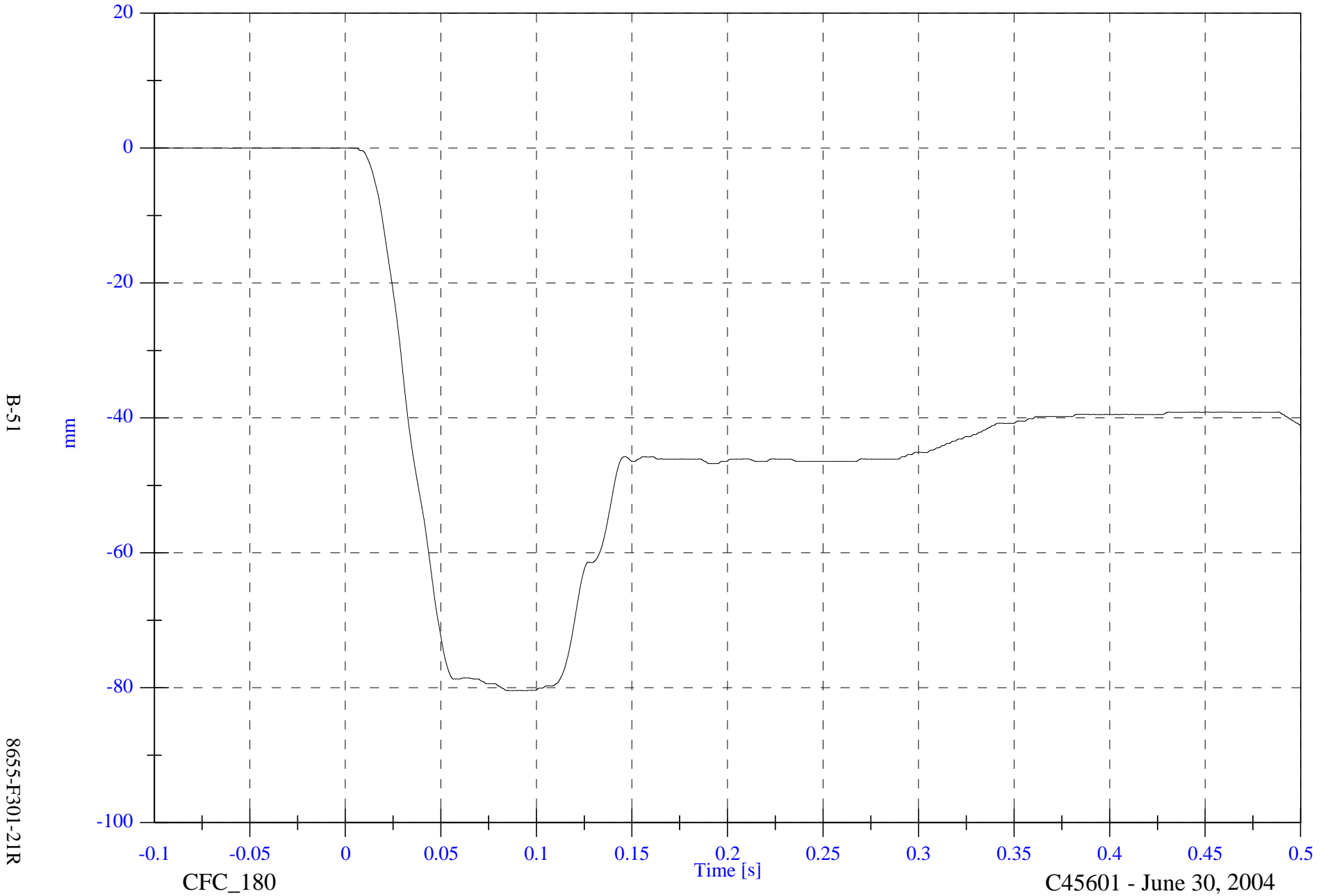
C45601 - June 30, 2004

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V2P1 Belt Spoolout

Max: 0.0 [mm] at -0.100 [s]

Min: -80.4 [mm] at 0.094 [s]



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CFC_180

Time [s]

C45601 - June 30, 2004

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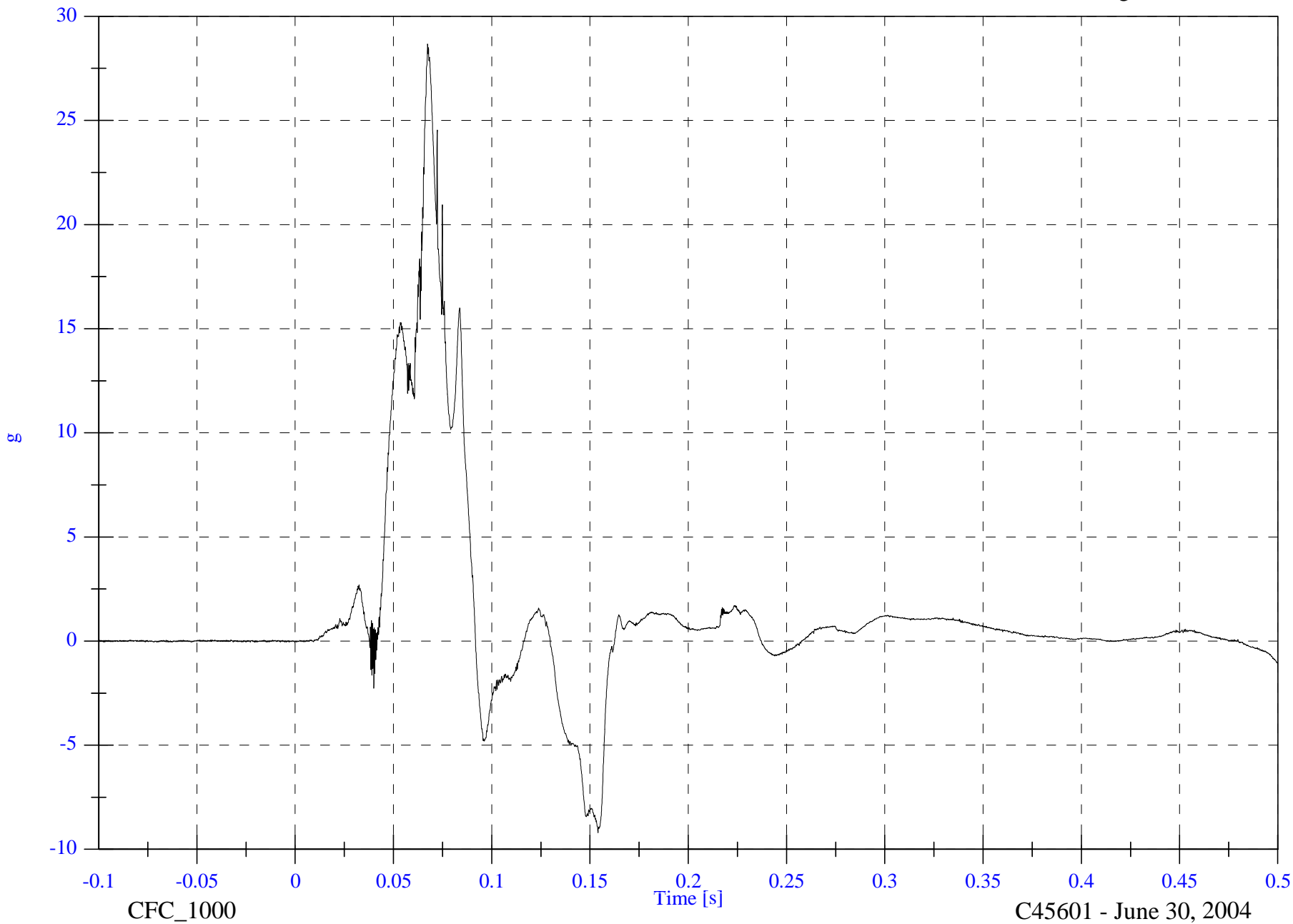
V2P3 Head x

Max: 28.7 [g] at 0.067 [s]

Min: -9.2 [g] at 0.154 [s]

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8655-F301-21R



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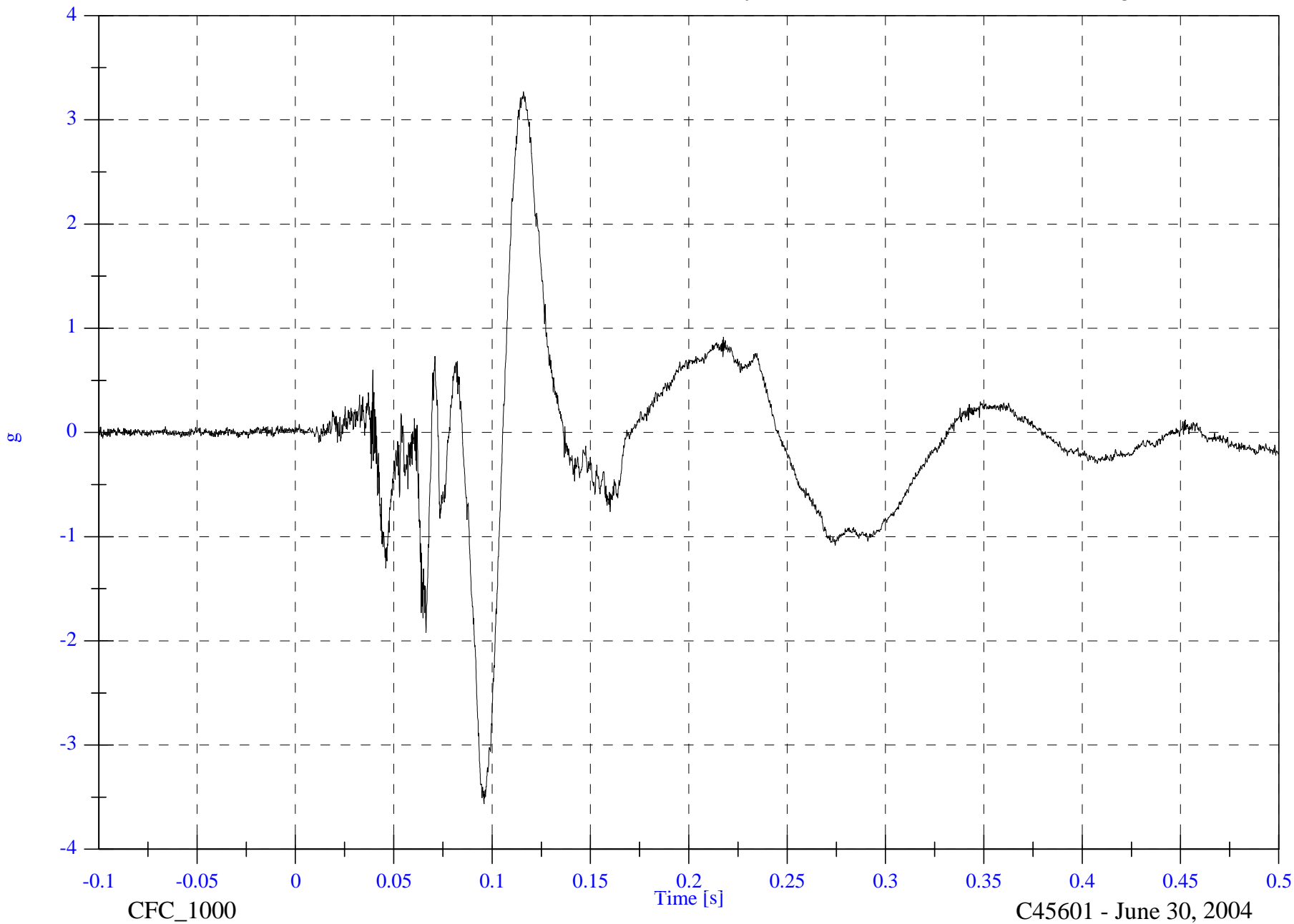
V2P3 Head y

Max: 3.3 [g] at 0.116 [s]

Min: -3.6 [g] at 0.096 [s]

B-53

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

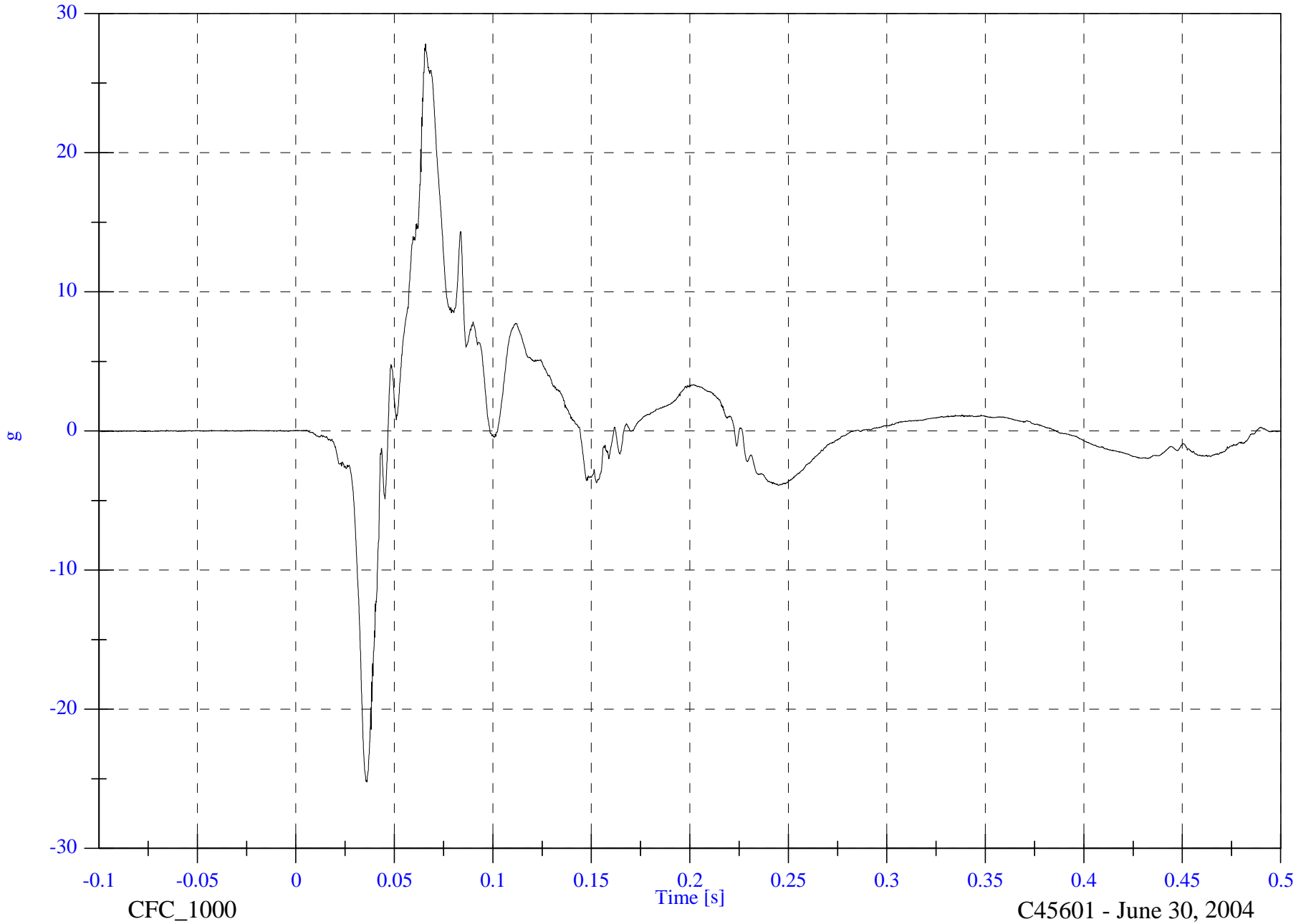
V2P3 Head z

Max: 27.8 [g] at 0.066 [s]

Min: -25.2 [g] at 0.036 [s]

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8655-F301-21R



CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

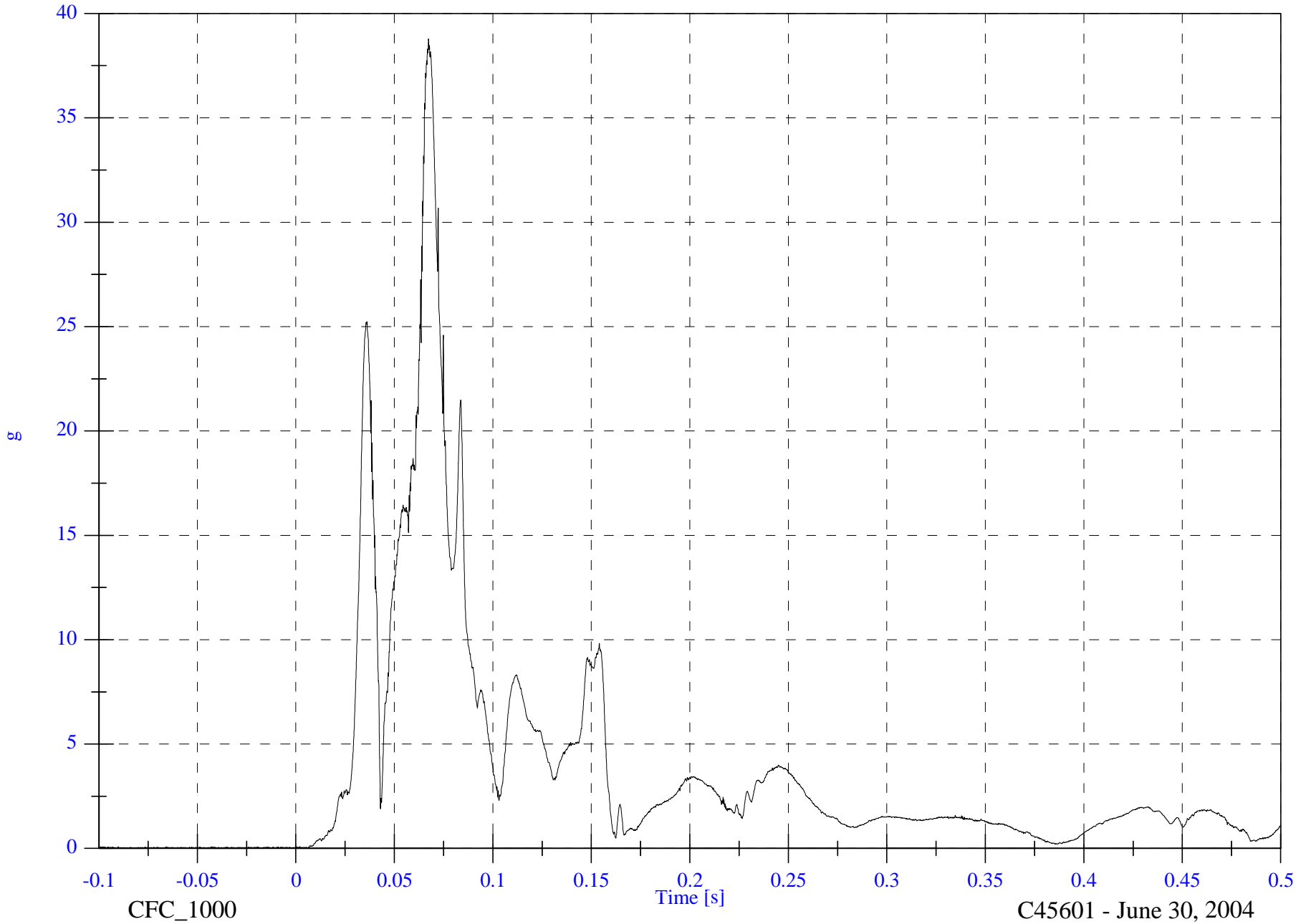
V2P3 Head Resultant

Max: 38.8 [g] at 0.067 [s]

Min: 0.0 [g] at -0.087 [s]

B-55

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

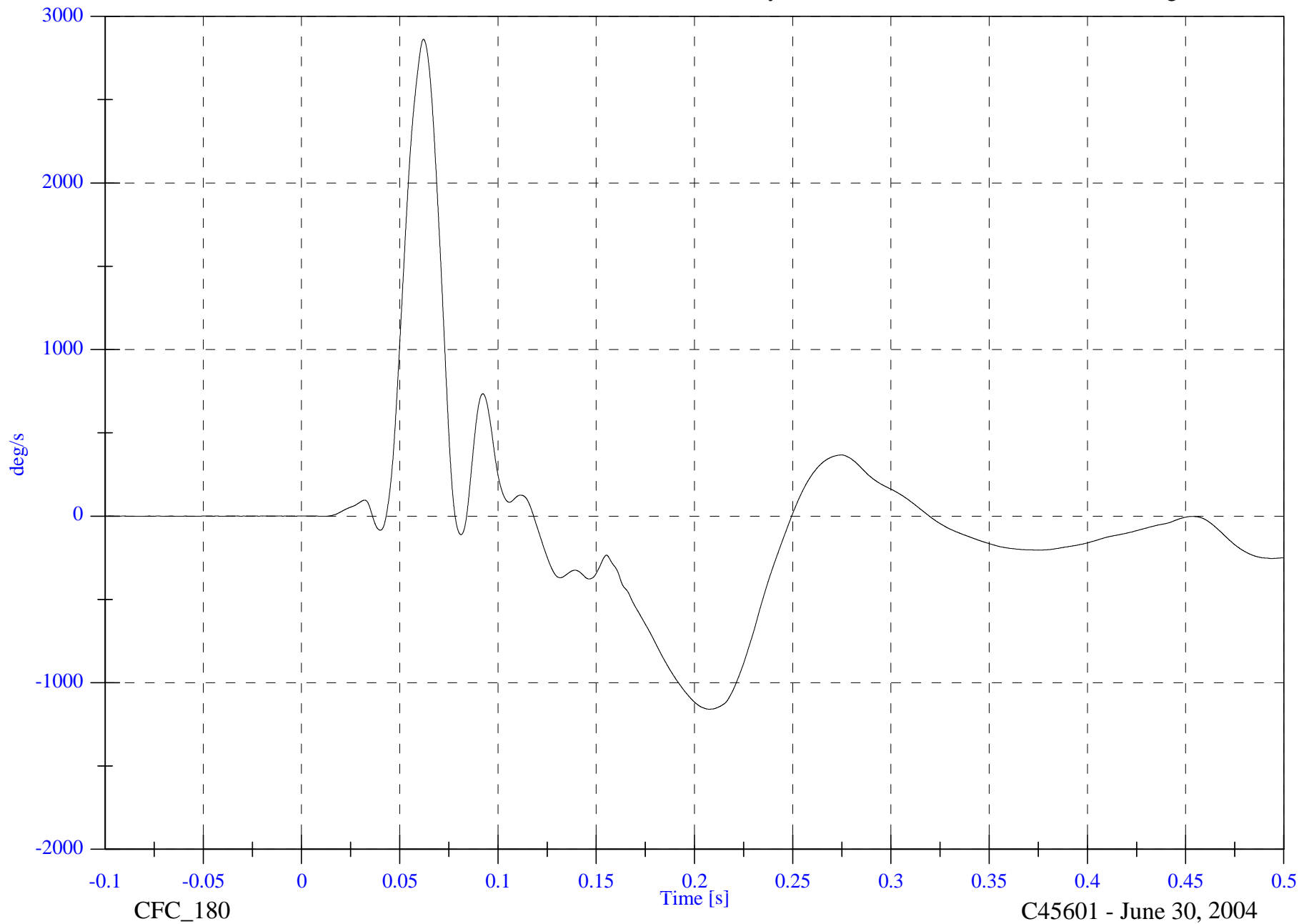
V2P3 Head AVy

Max: 2862.8 [deg/s] at 0.062 [s]

Min: -1158.9 [deg/s] at 0.208 [s]

B-56

8655-F301-21R

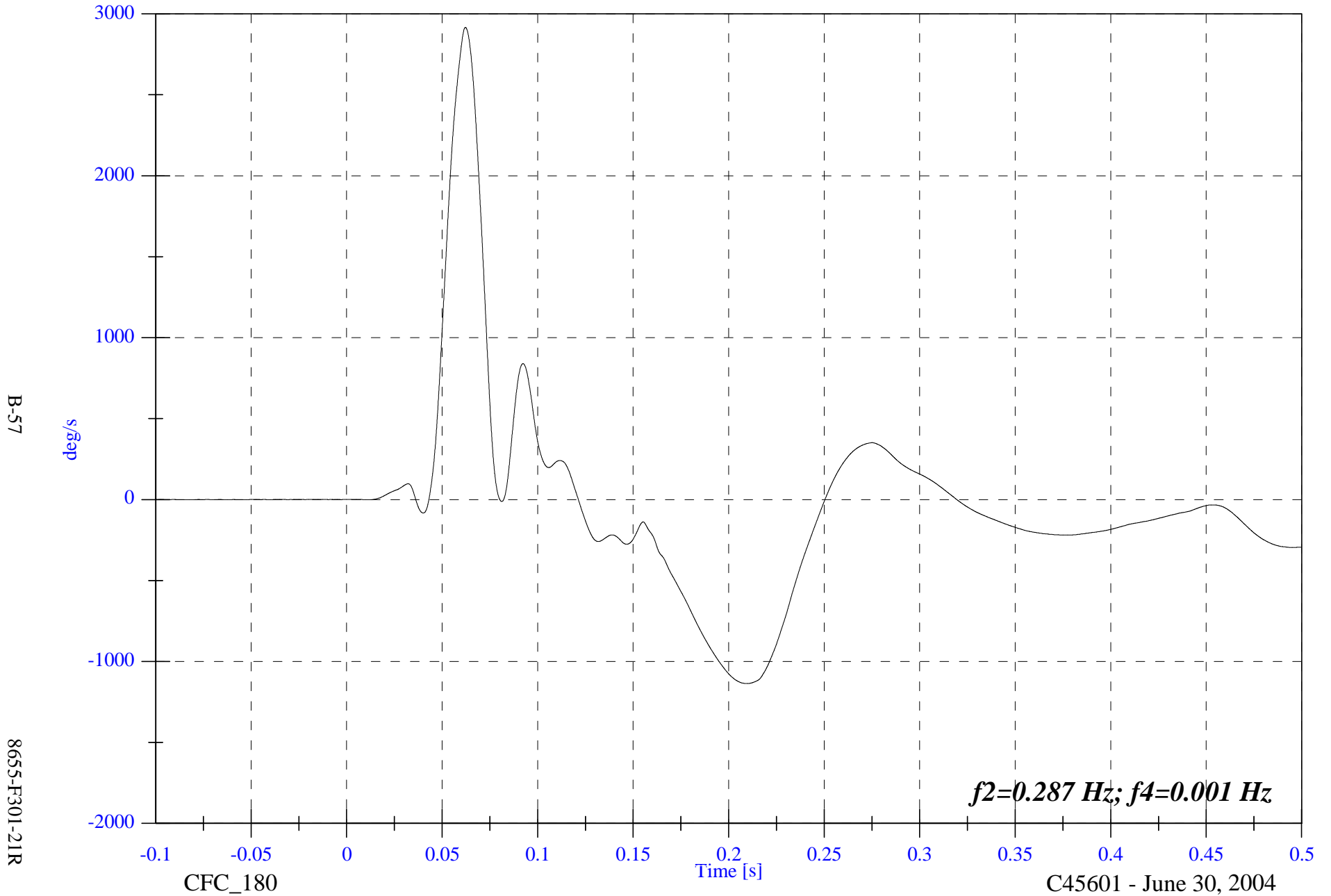


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V2P3 Head Comp AVy

Max: 2916.5 [deg/s] at 0.062 [s]

Min: -1136.7 [deg/s] at 0.210 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

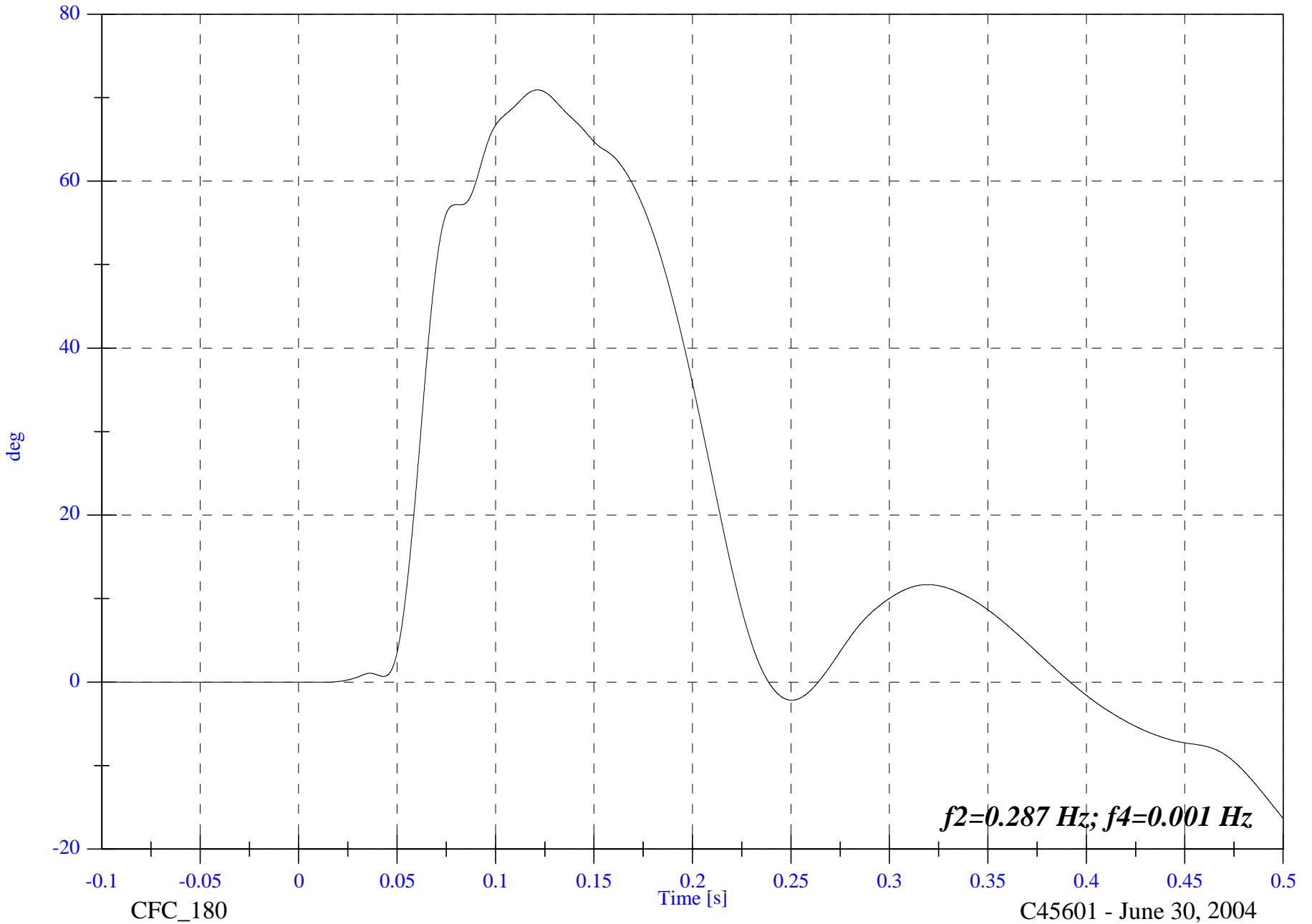
V2P3 Head Comp ADy

Max: 70.9 [deg] at 0.121 [s]

Min: -16.3 [deg] at 0.500 [s]

B-58

8655-F301-21R



f2=0.287 Hz; f4=0.001 Hz

CFC_180

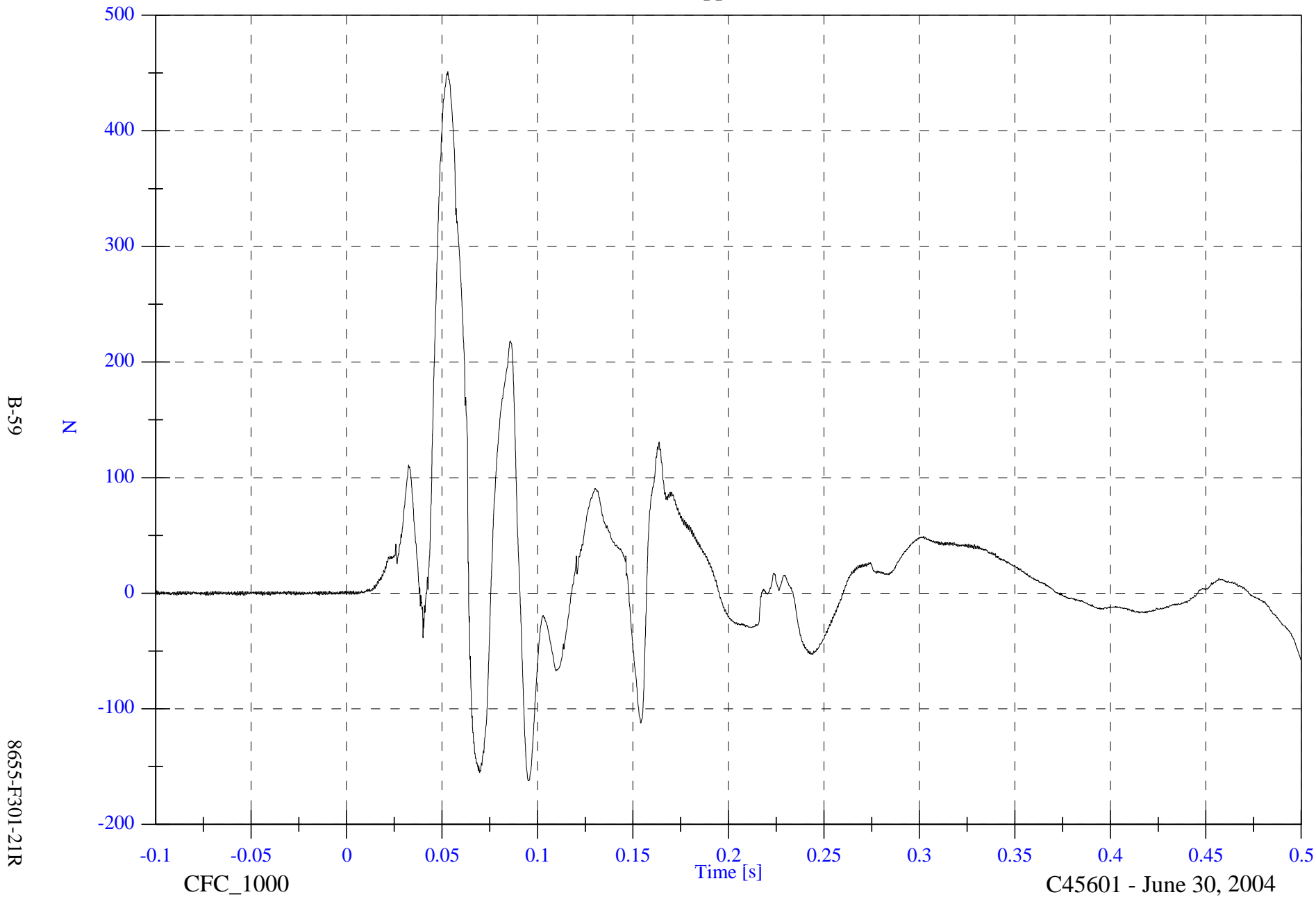
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 451.2 [N] at 0.053 [s]

V2P3 Upper Neck Fx

Min: -162.2 [N] at 0.095 [s]



B-59

8655-F301-21R

CFC_1000

Time [s]

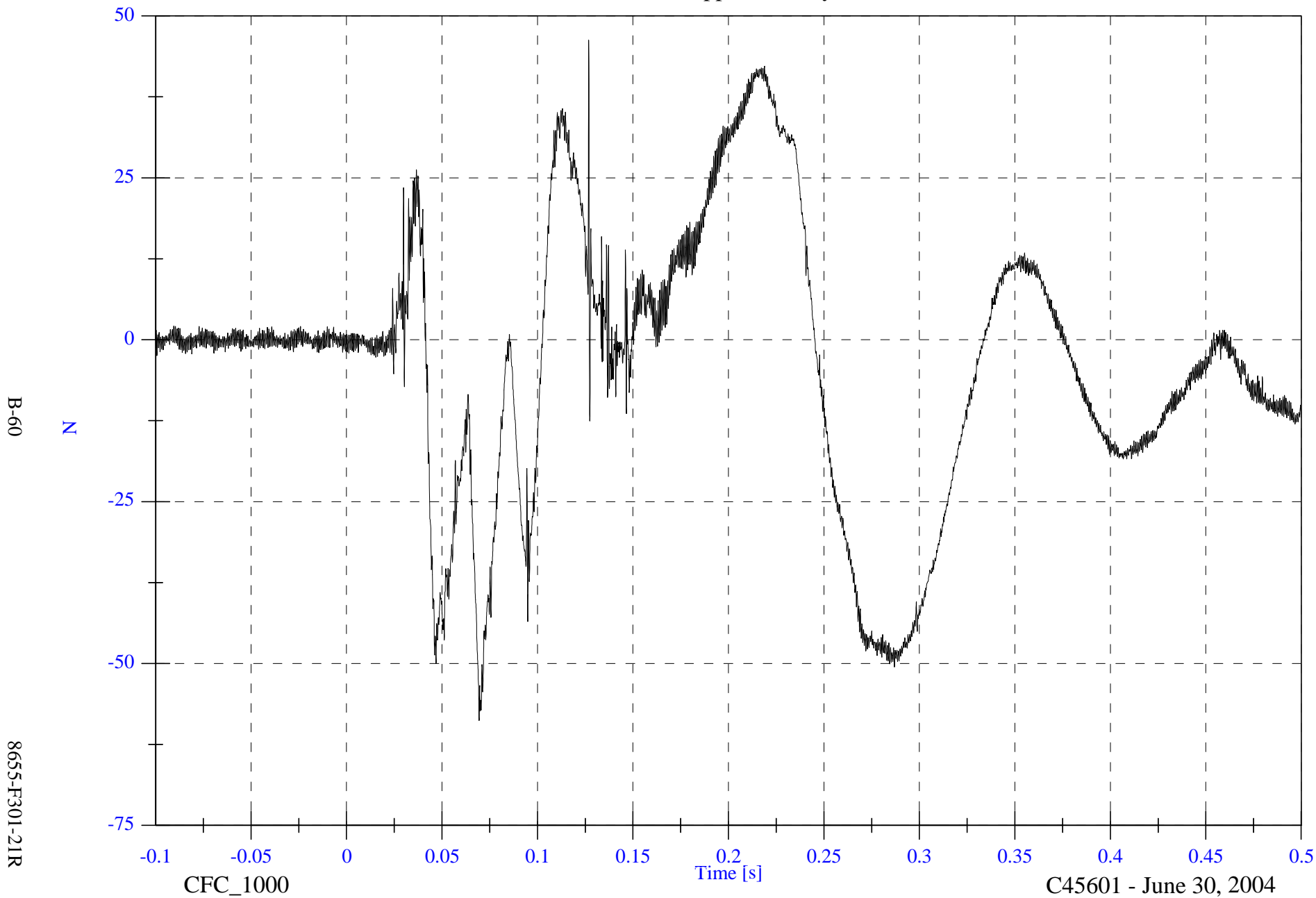
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Upper Neck Fy

Max: 46.3 [N] at 0.127 [s]

Min: -58.8 [N] at 0.069 [s]



B-60

8655-F301-21R

CFC_1000

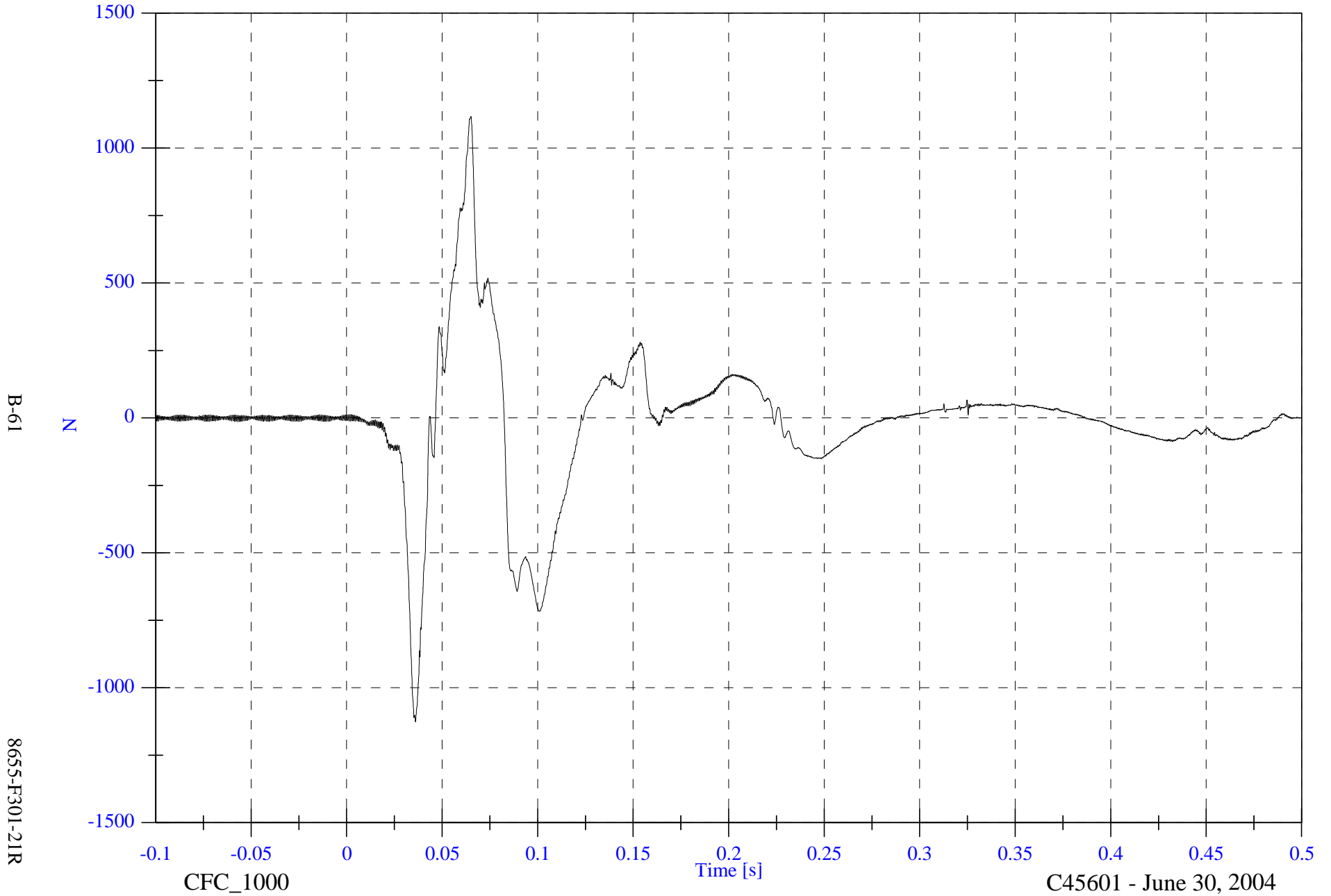
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Upper Neck Fz

Max: 1116.4 [N] at 0.065 [s]

Min: -1126.2 [N] at 0.036 [s]



B-61

8655-F301-21R

CFC_1000

Time [s]

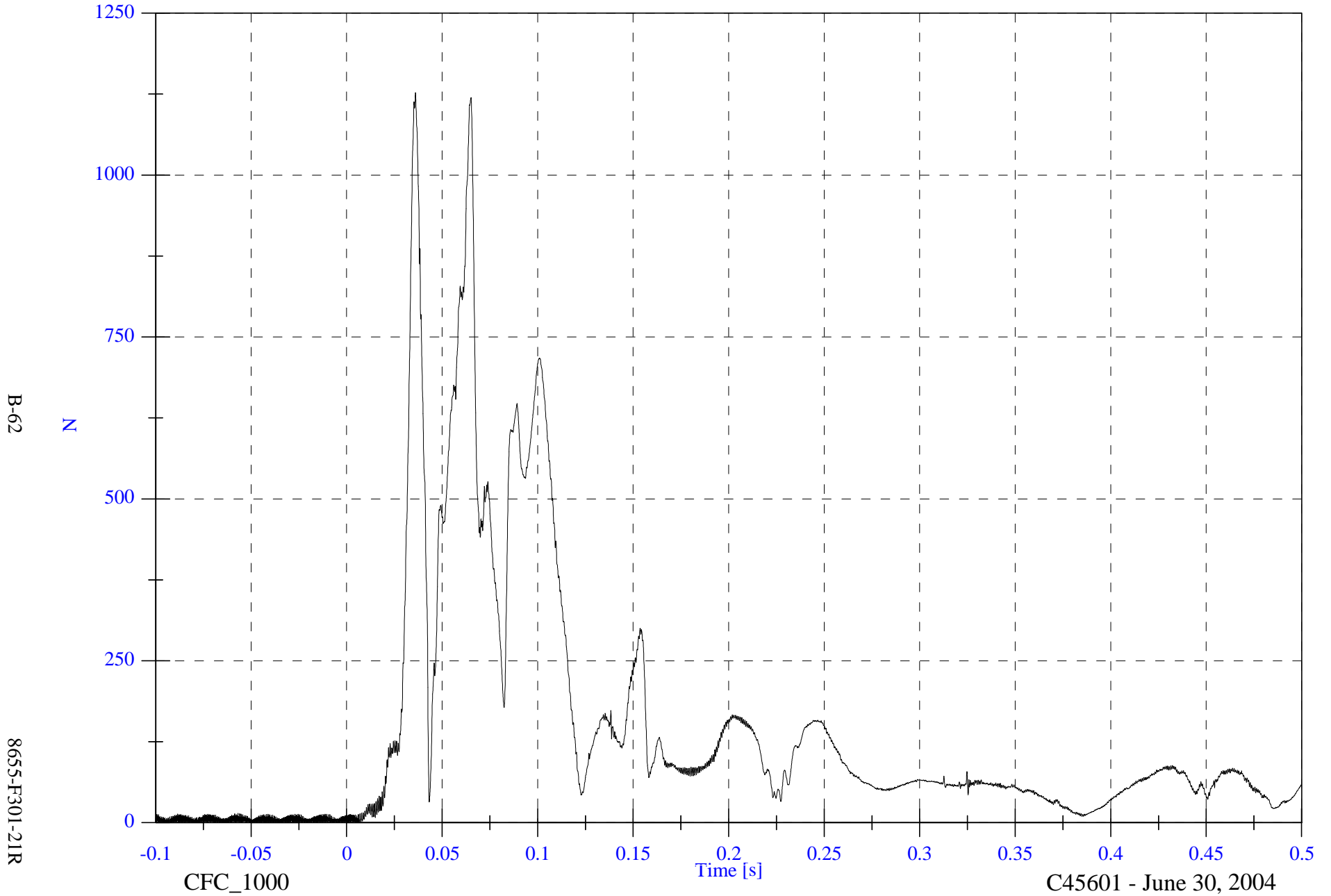
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Upper Neck F Resultant

Max: 1127.3 [N] at 0.036 [s]

Min: 0.1 [N] at -0.040 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

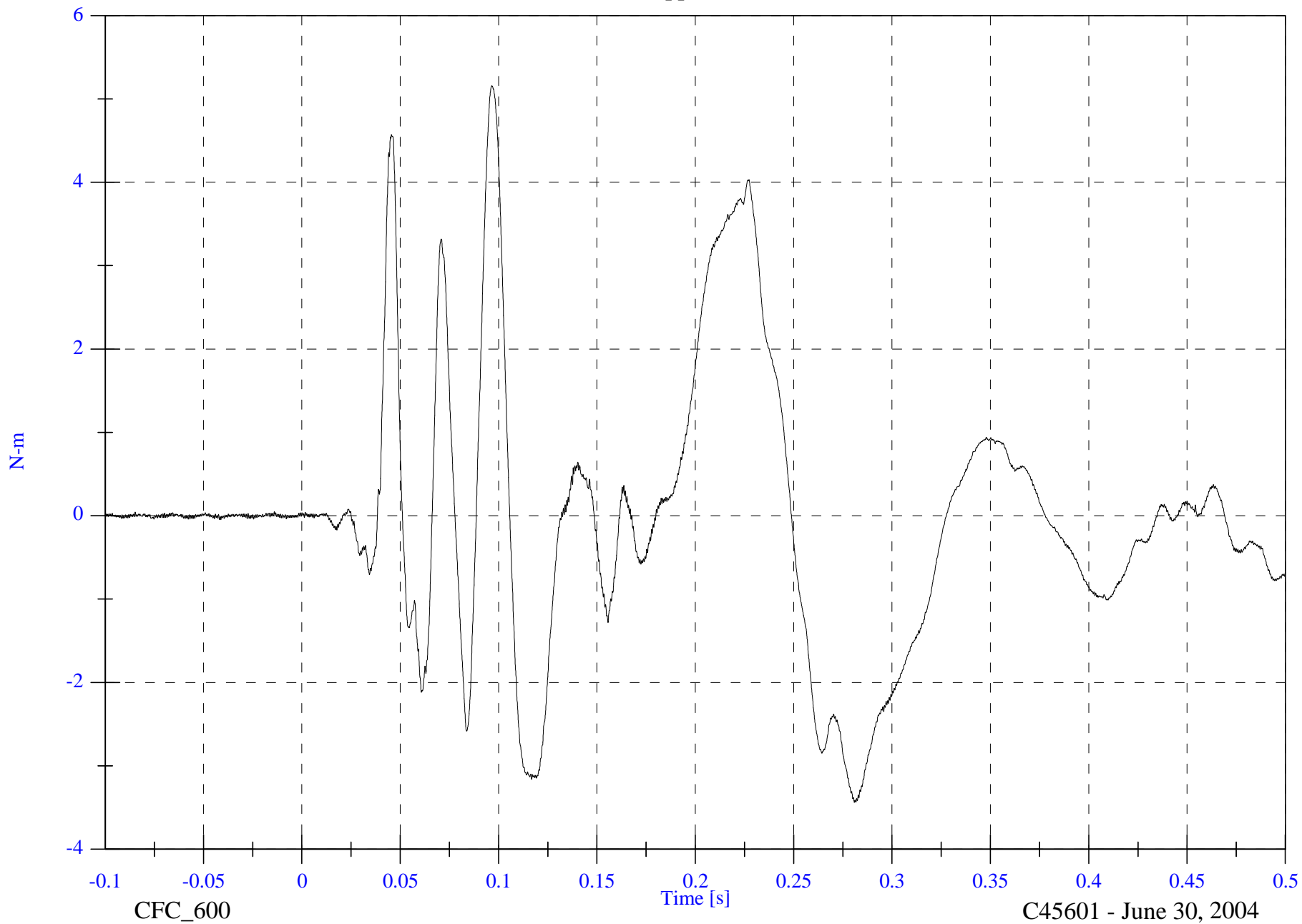
V2P3 Upper Neck Mx

Max: 5.2 [N-m] at 0.096 [s]

Min: -3.4 [N-m] at 0.281 [s]

B-63

8655-F301-21R



CFC_600

Time [s]

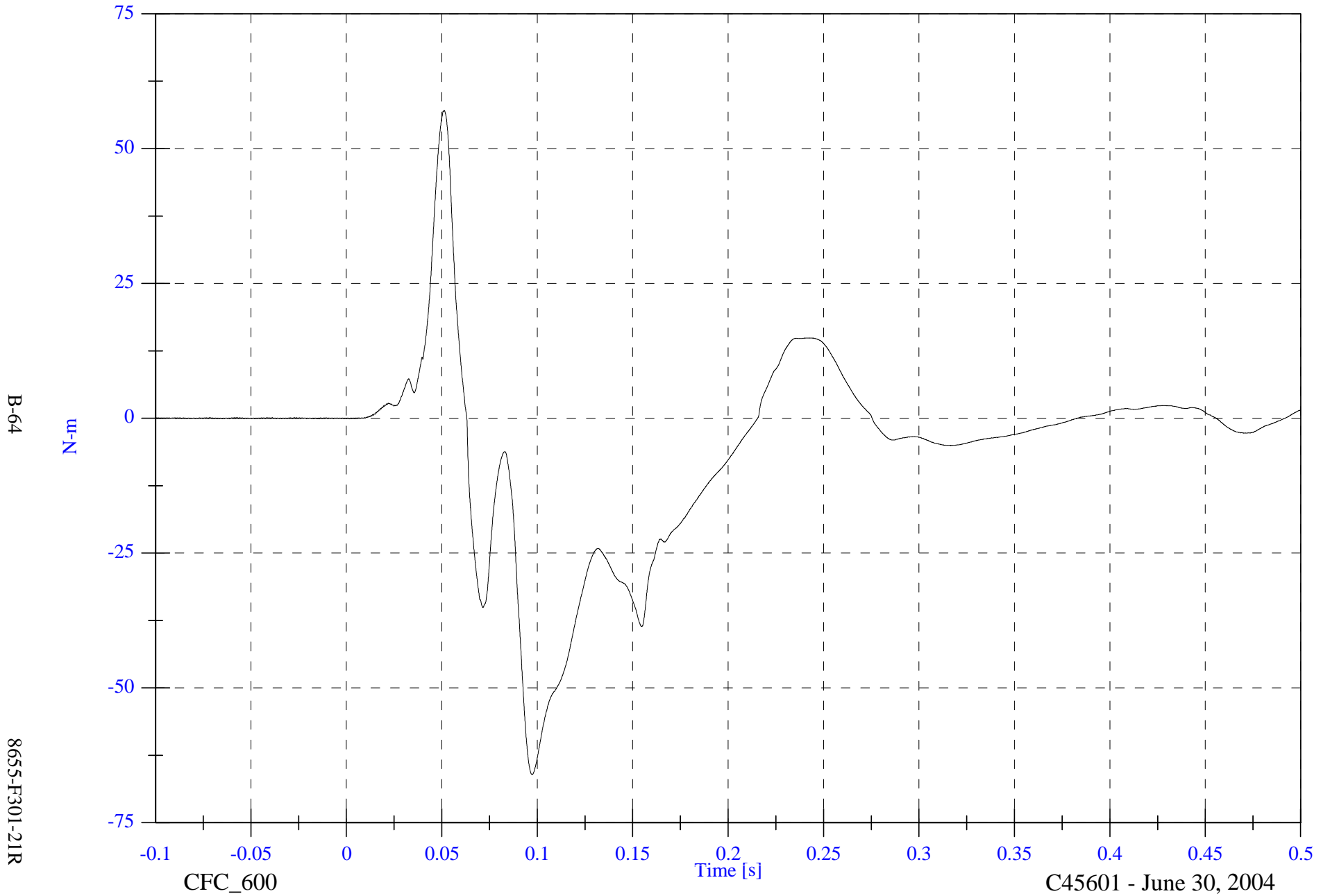
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Upper Neck My

Max: 57.1 [N-m] at 0.051 [s]

Min: -66.1 [N-m] at 0.097 [s]



B-64

8655-F301-21R

CFC_600

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

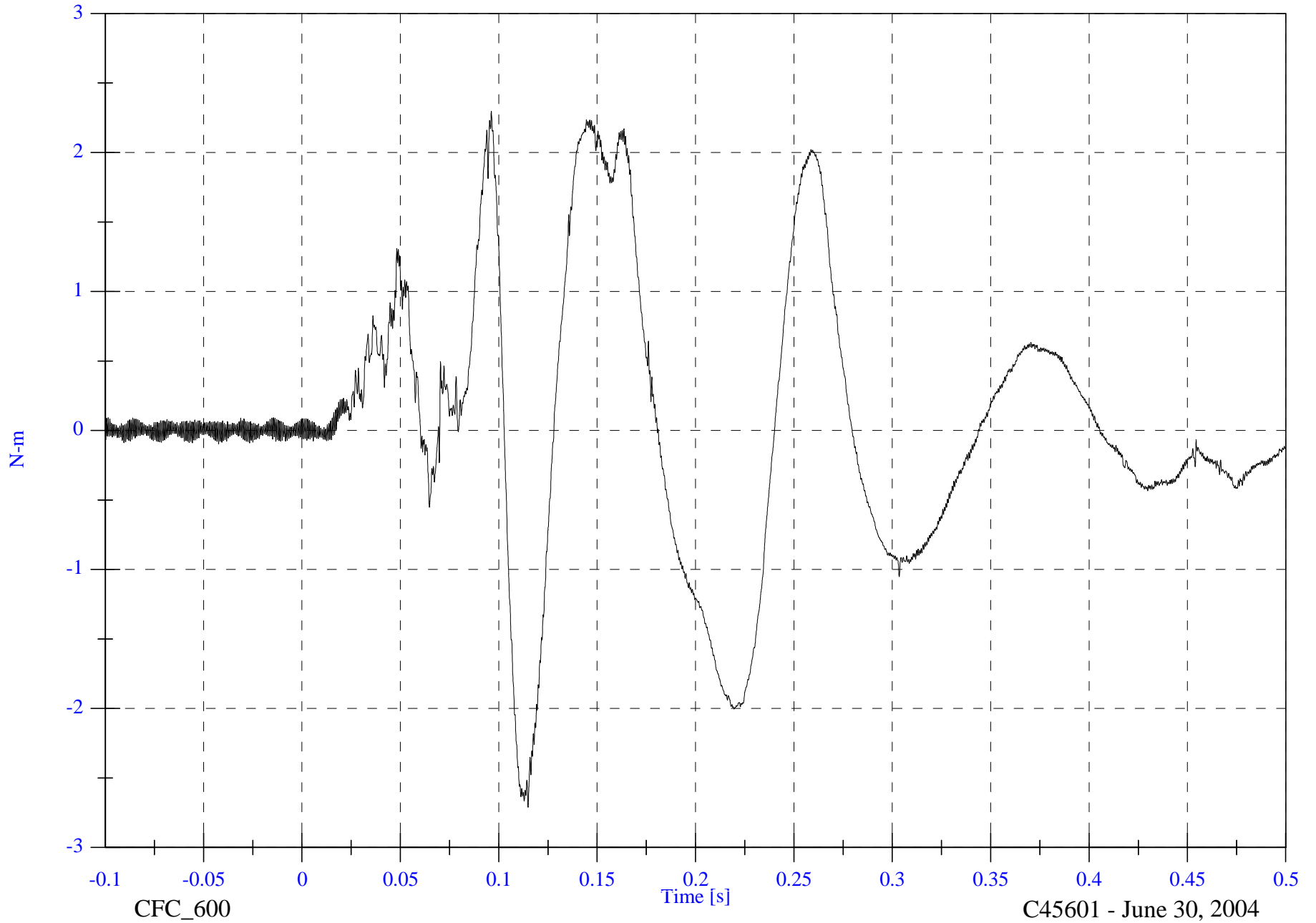
V2P3 Upper Neck Mz

Max: 2.3 [N-m] at 0.096 [s]

Min: -2.7 [N-m] at 0.115 [s]

B-65

8655-F301-21R



CFC_600

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

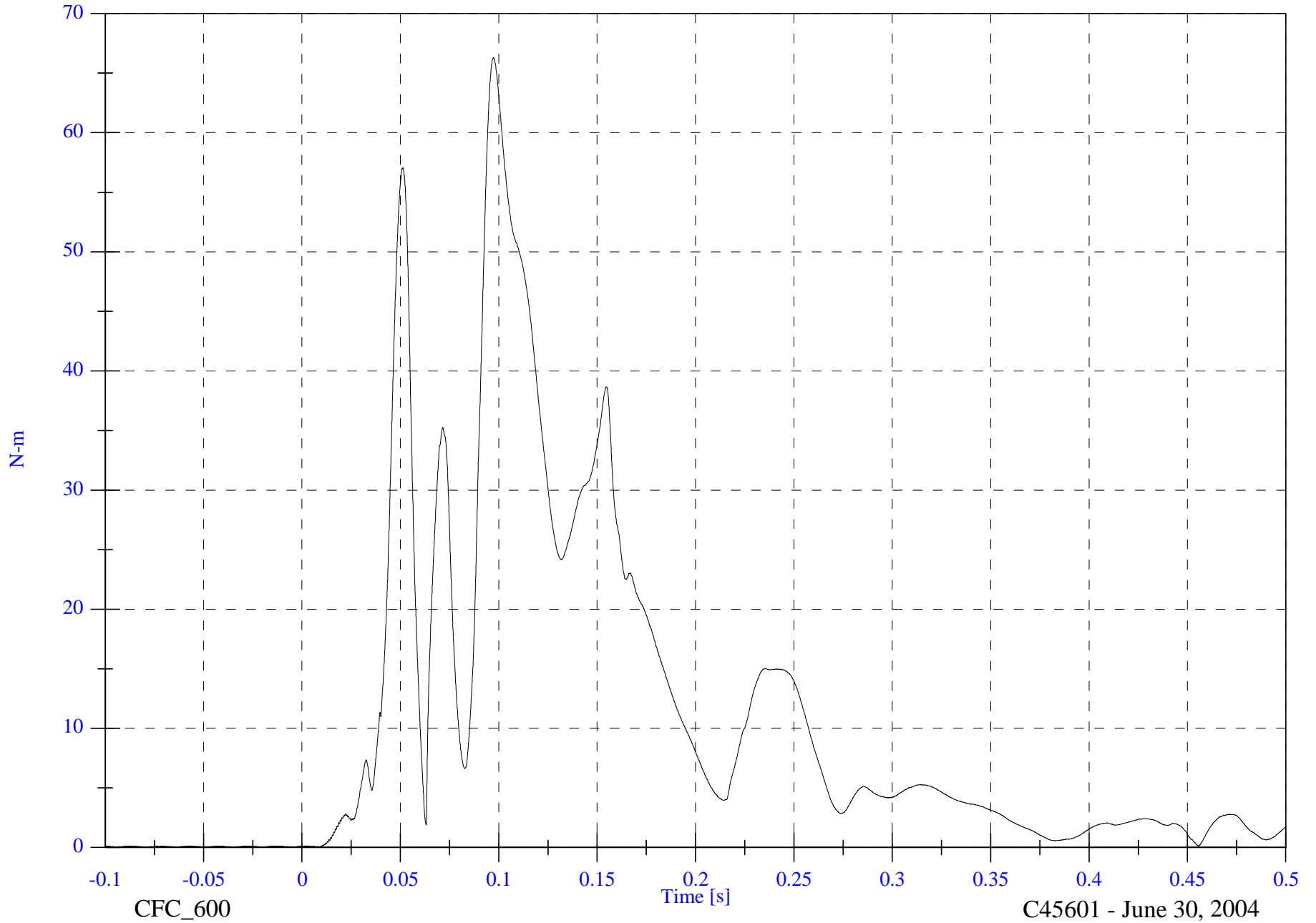
V2P3 Upper Neck M Resultant

Max: 66.3 [N-m] at 0.097 [s]

Min: 0.0 [N-m] at -0.021 [s]

B-66

8655-F301-21R



CFC_600

Time [s]

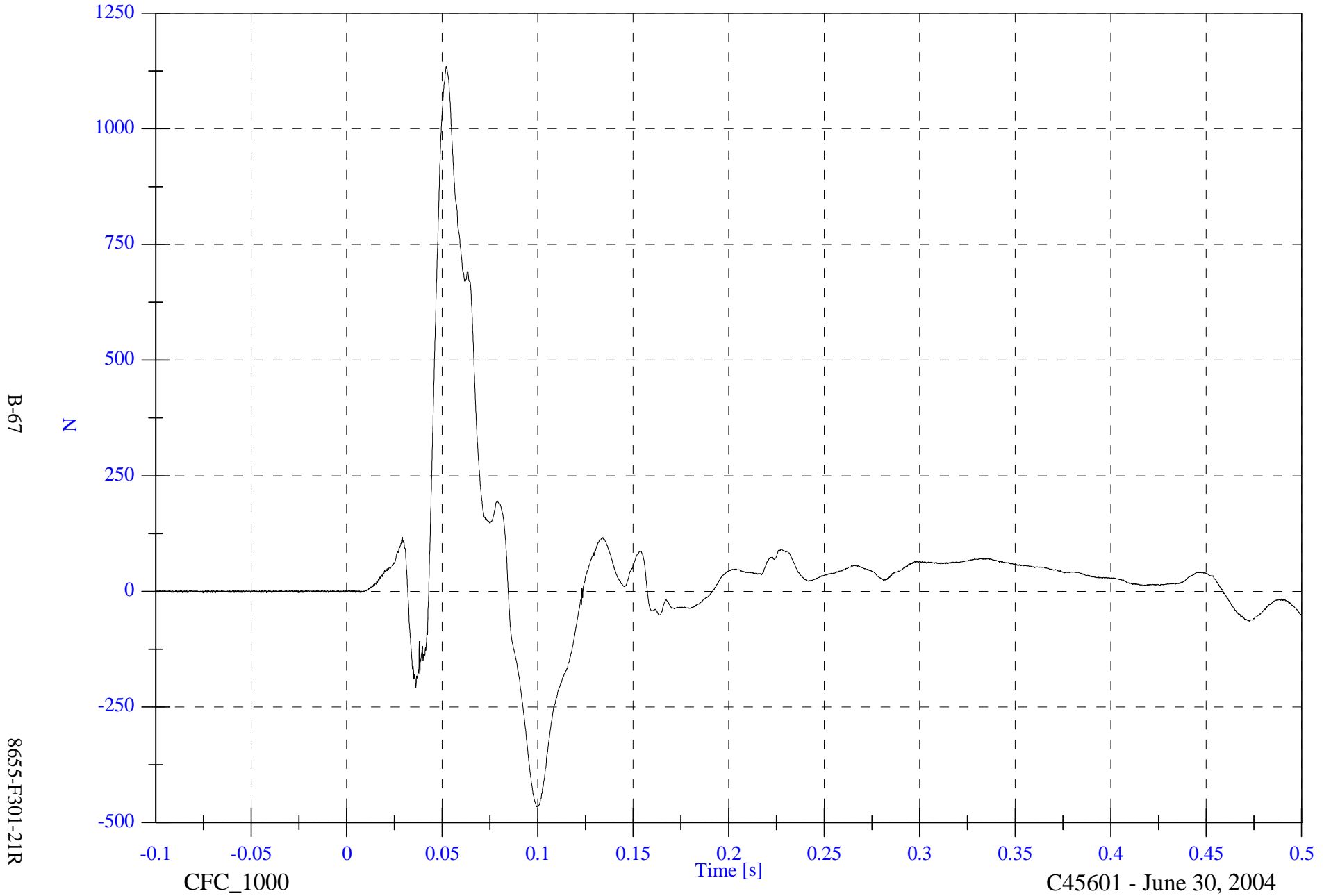
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 1134.7 [N] at 0.052 [s]

V2P3 Lower Neck Fx

Min: -465.8 [N] at 0.100 [s]

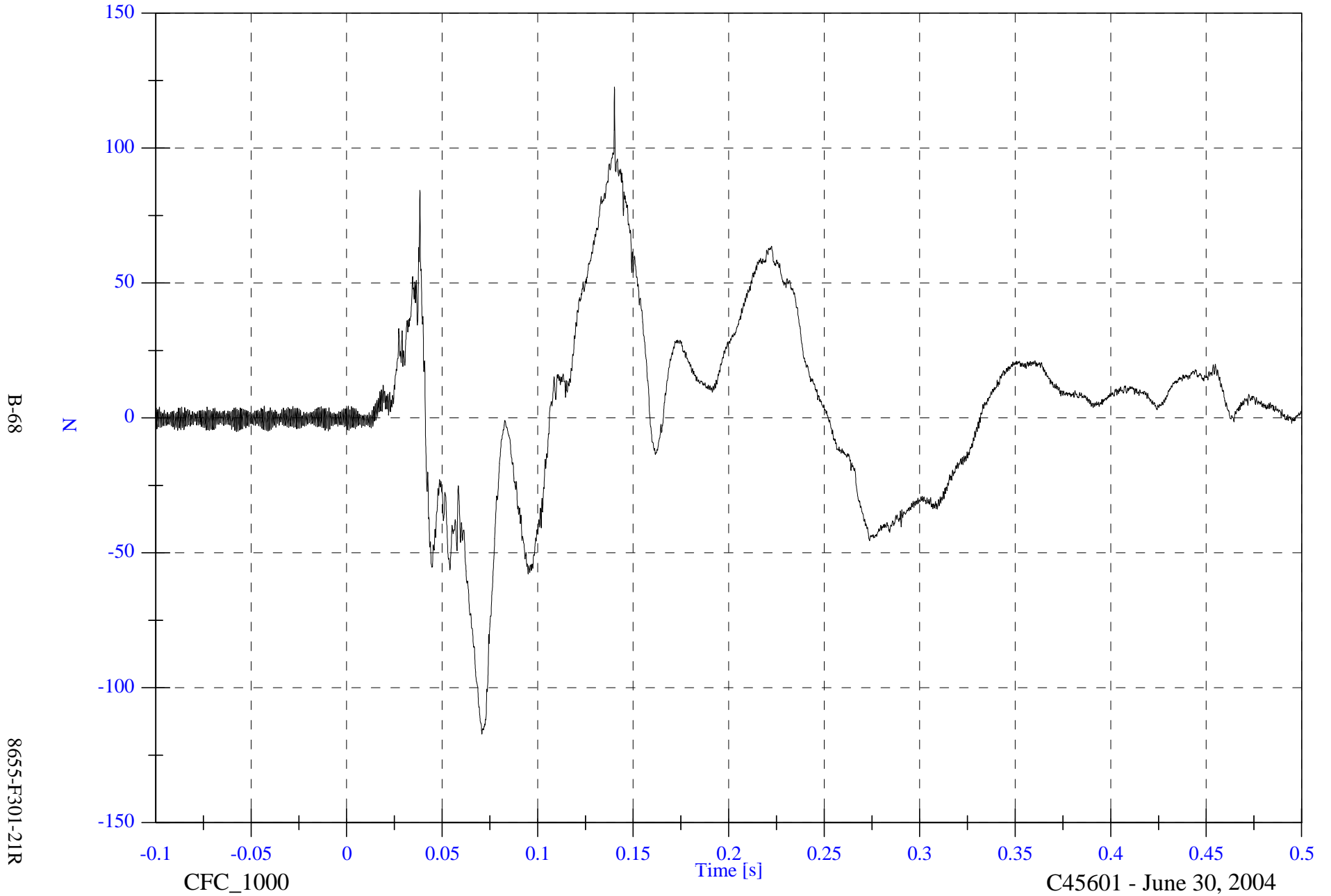


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 122.7 [N] at 0.140 [s]

V2P3 Lower Neck Fy

Min: -117.2 [N] at 0.071 [s]



B-68

8655-F301-21R

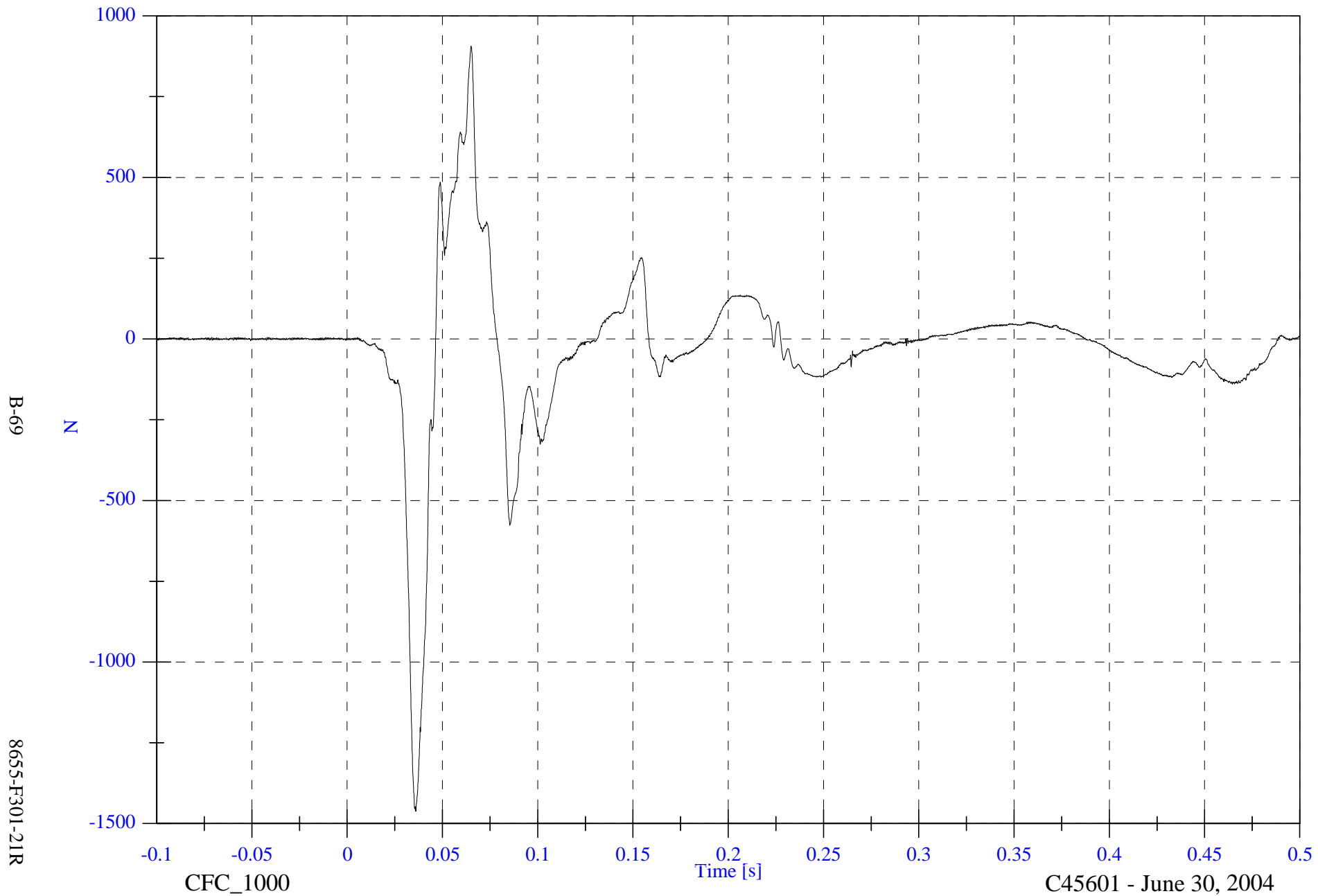
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Lower Neck Fz

Max: 905.7 [N] at 0.065 [s]

Min: -1462.2 [N] at 0.036 [s]



B-69

8655-F301-21R

CFC_1000

Time [s]

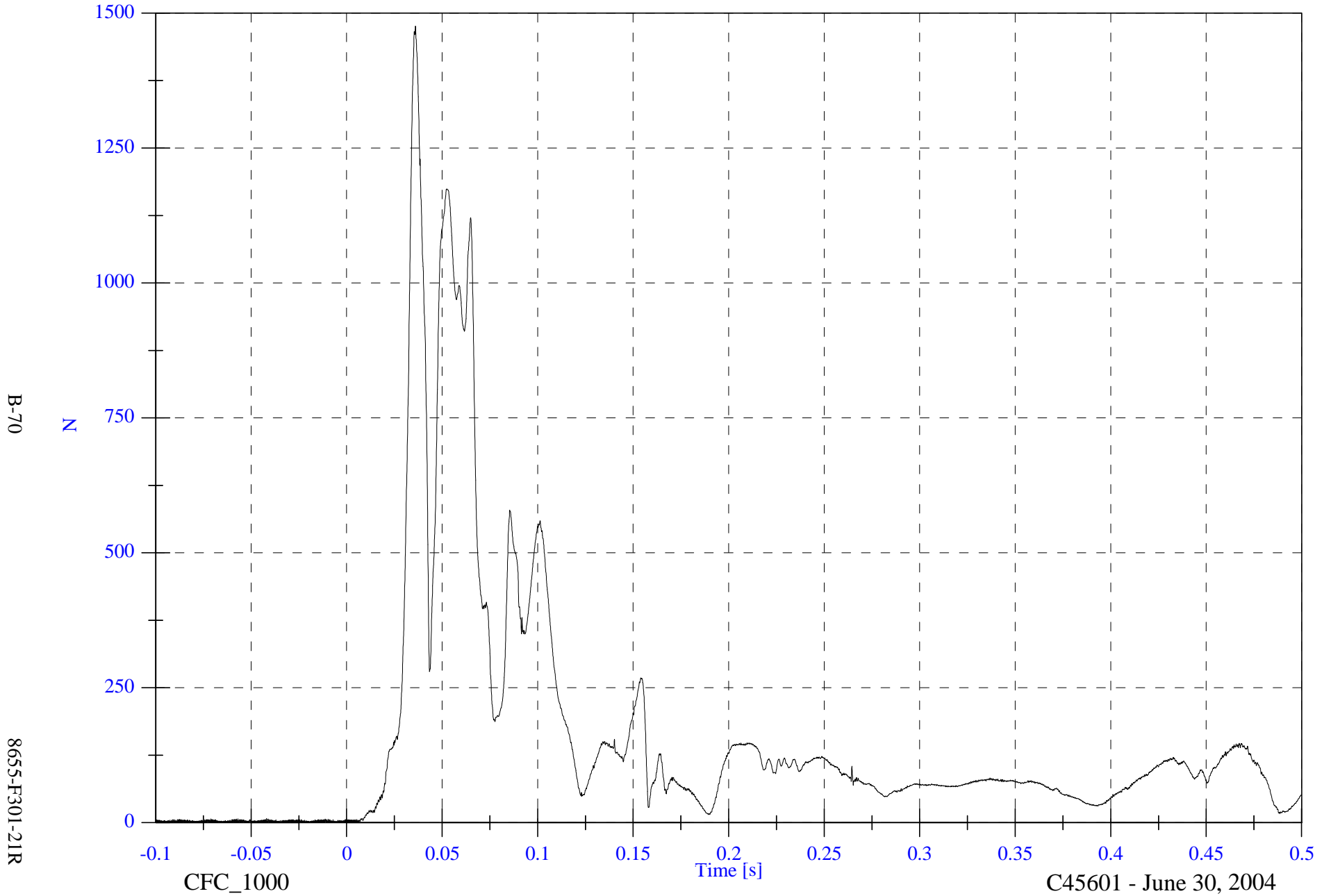
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Lower Neck F Resultant

Max: 1475.7 [N] at 0.036 [s]

Min: 0.2 [N] at -0.021 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

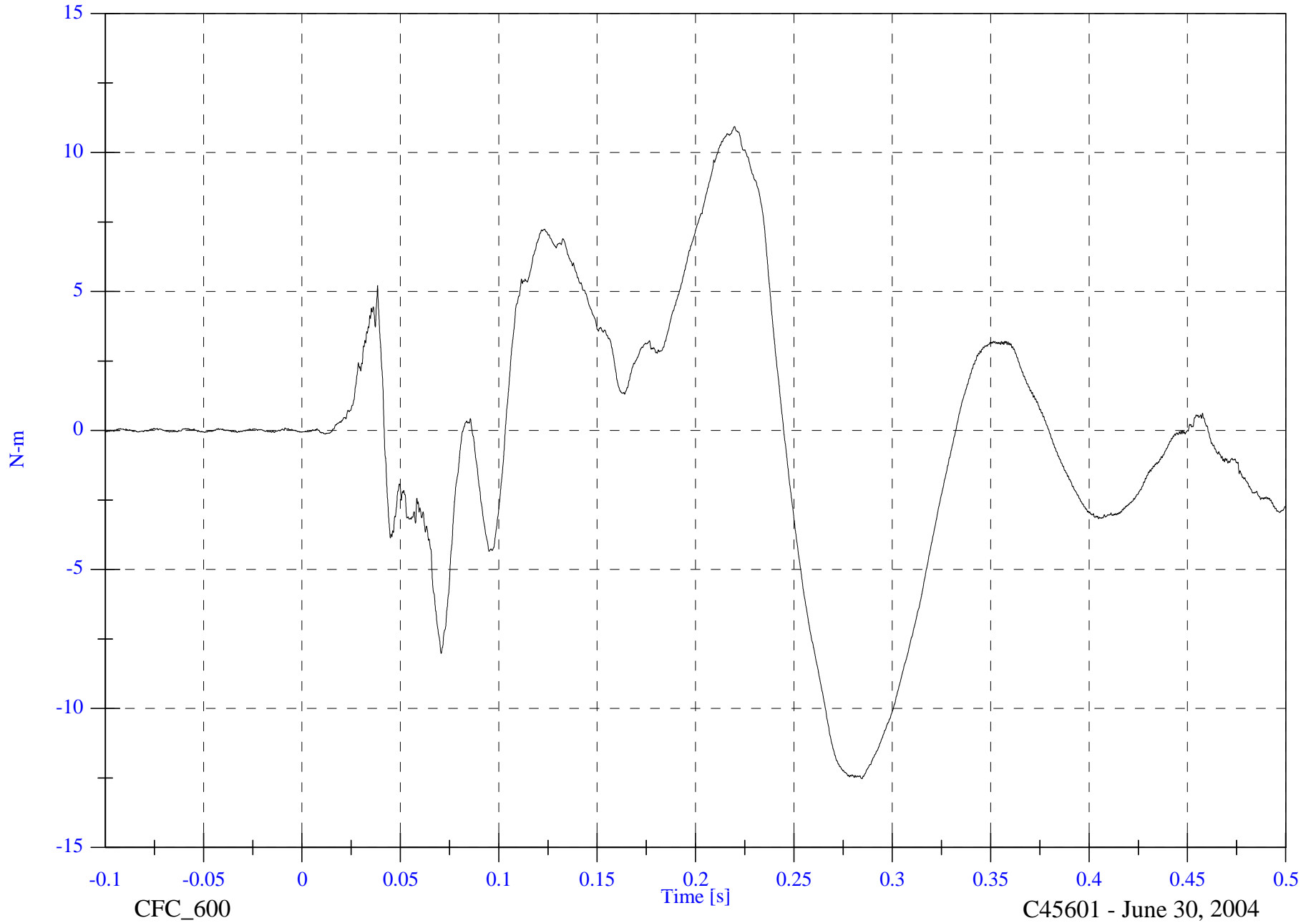
V2P3 Lower Neck Mx

Max: 10.9 [N-m] at 0.220 [s]

Min: -12.5 [N-m] at 0.285 [s]

B-71

8655-F301-21R

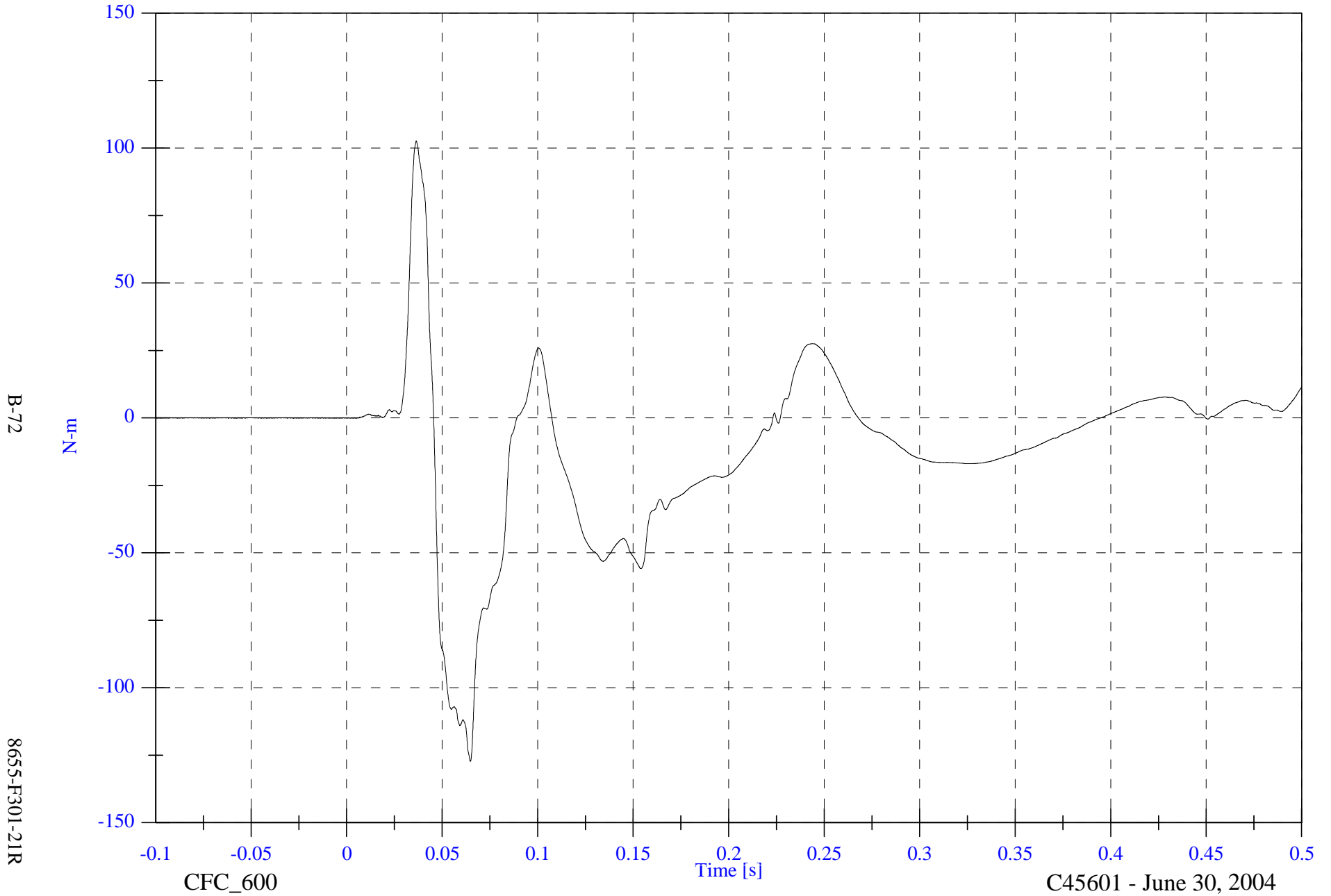


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Lower Neck My

Max: 102.7 [N-m] at 0.036 [s]

Min: -127.3 [N-m] at 0.065 [s]



B-72

8655-F301-21R

CFC_600

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

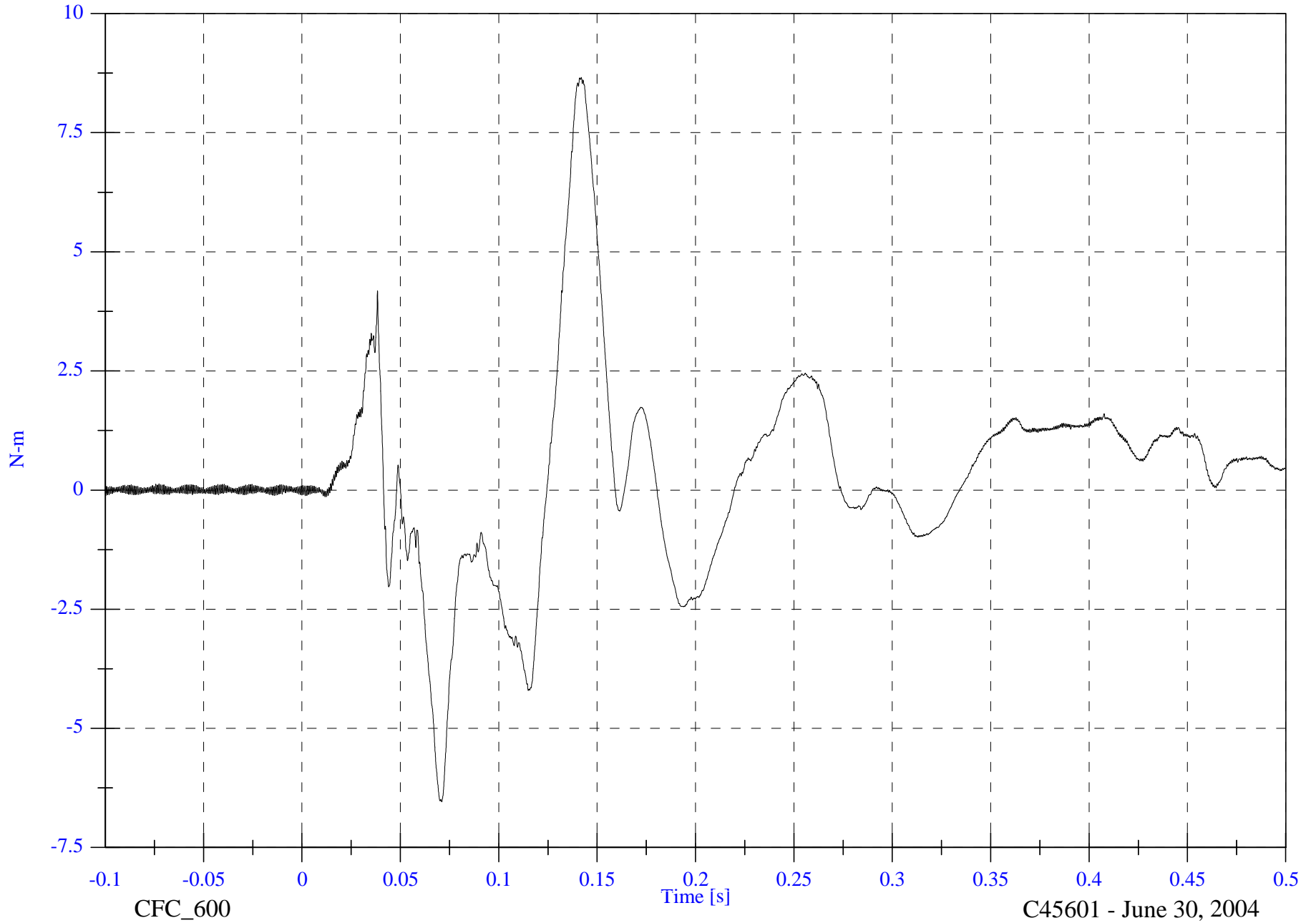
V2P3 Lower Neck Mz

Max: 8.7 [N-m] at 0.142 [s]

Min: -6.5 [N-m] at 0.071 [s]

B-73

8655-F301-21R



CFC_600

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

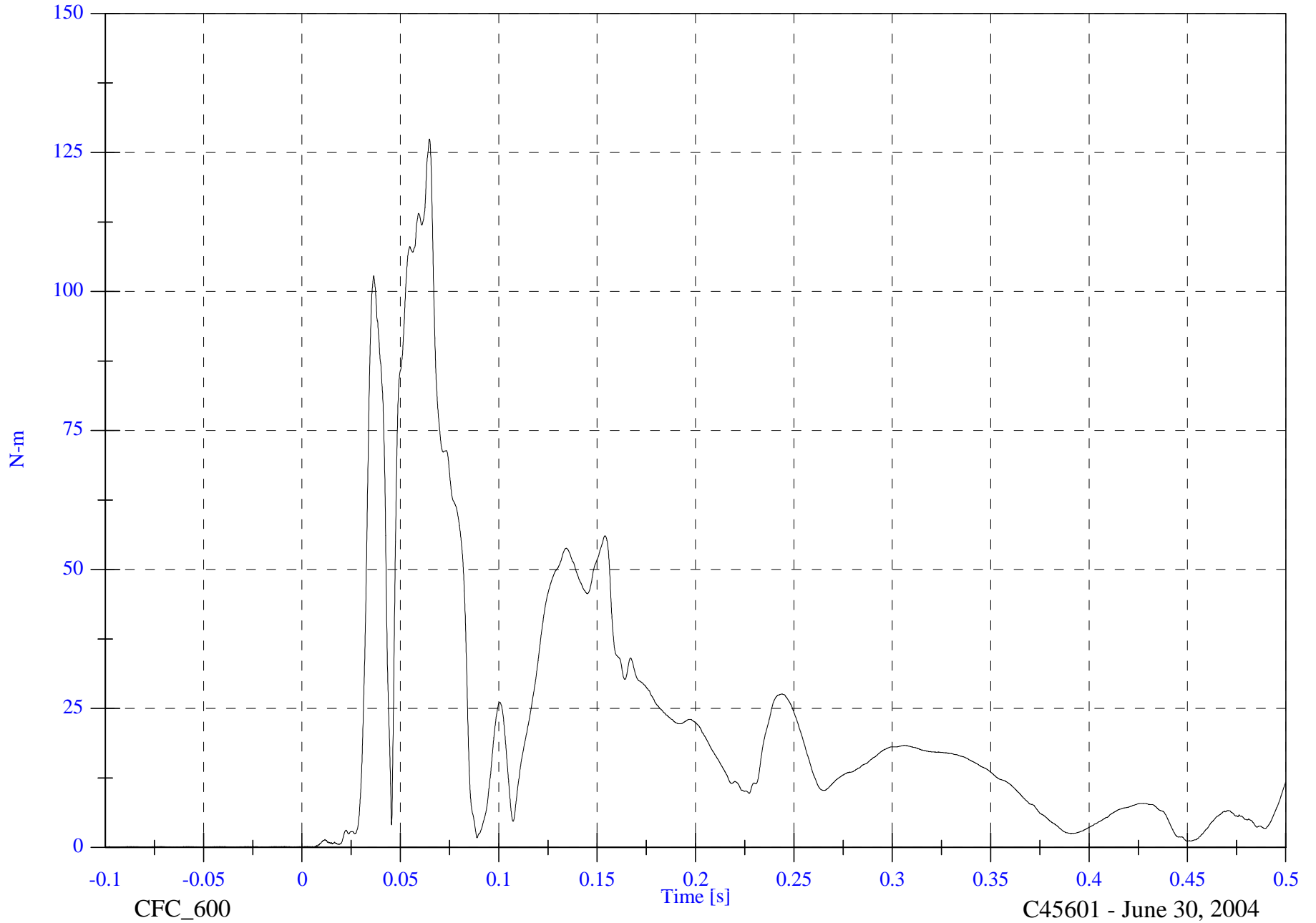
V2P3 Lower Neck M Resultant

Max: 127.4 [N-m] at 0.065 [s]

Min: 0.0 [N-m] at -0.088 [s]

B-74

8655-F301-21R

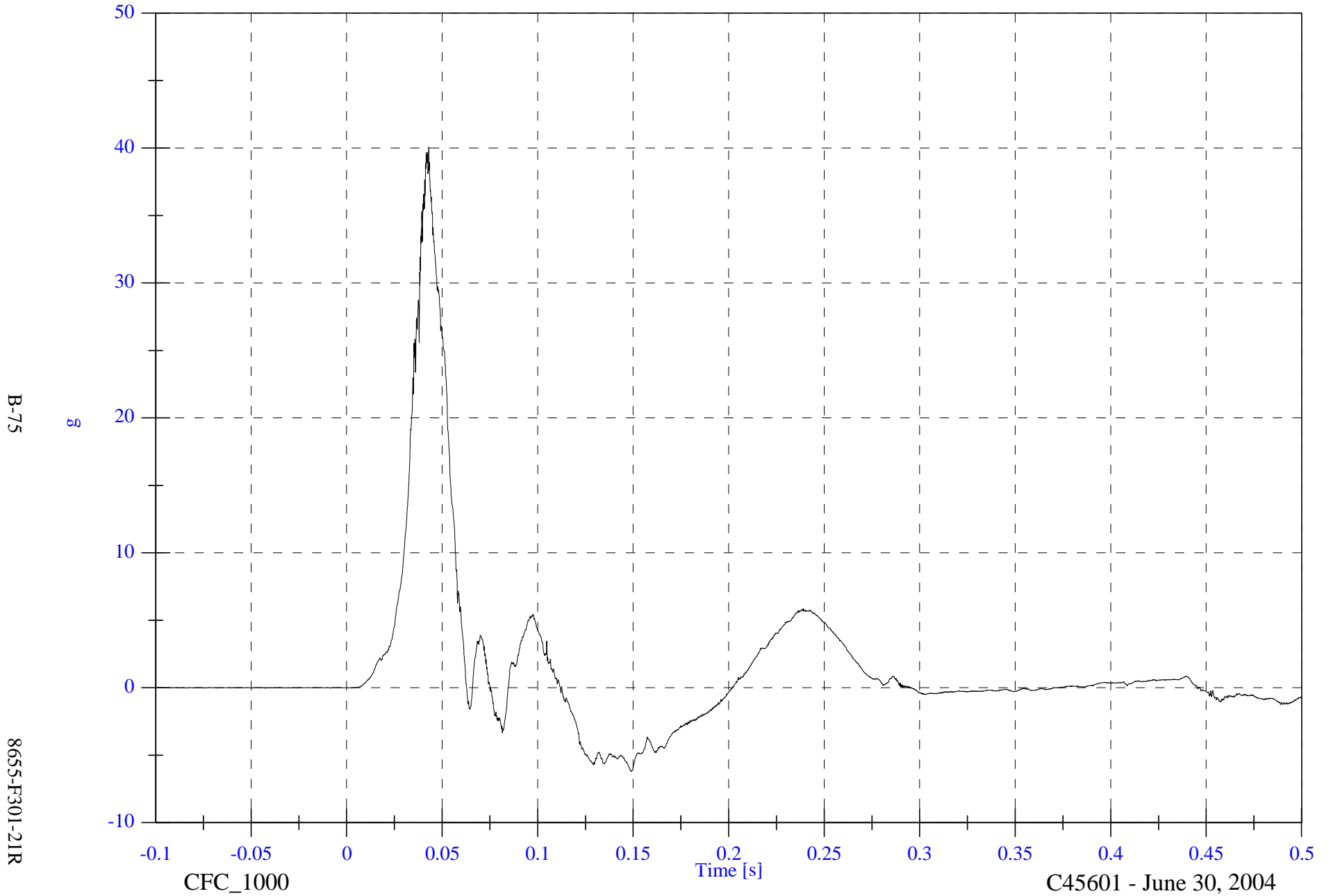


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Lower Neck x

Max: 40.1 [g] at 0.043 [s]

Min: -6.2 [g] at 0.149 [s]

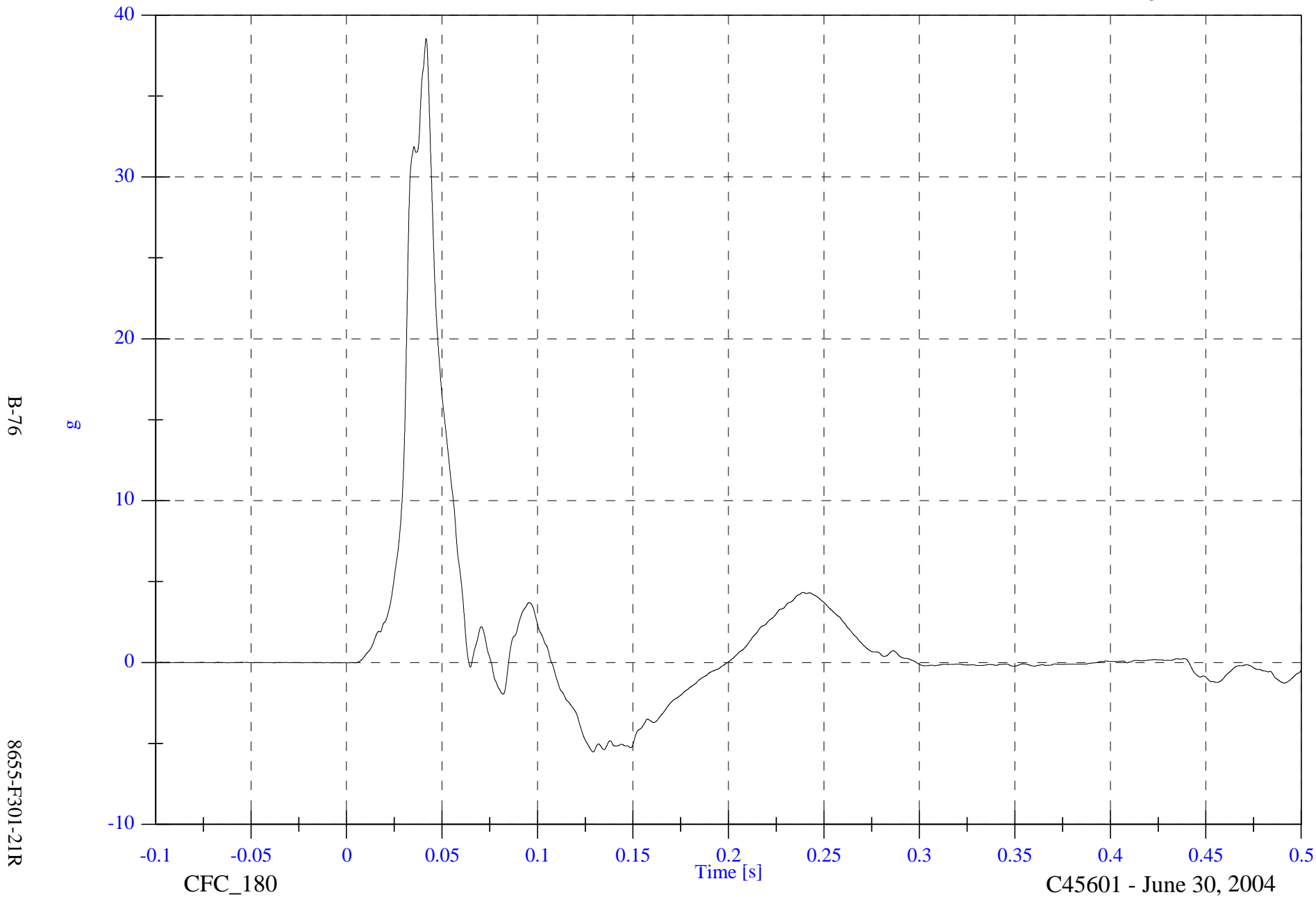


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Chest x

Max: 38.6 [g] at 0.042 [s]

Min: -5.5 [g] at 0.129 [s]



B-76

8655-F301-21R

CFC_180

Time [s]

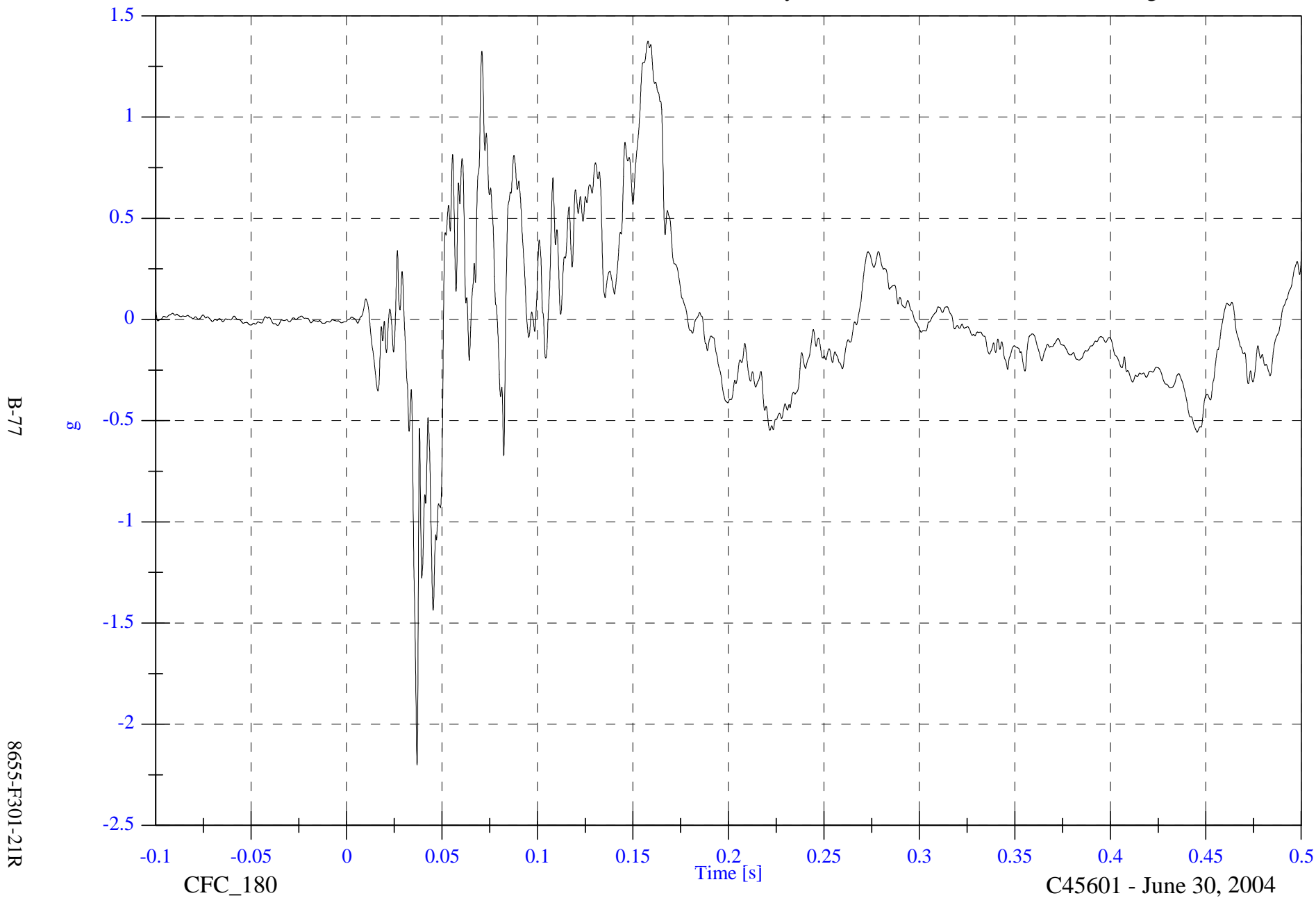
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Chest y

Max: 1.4 [g] at 0.158 [s]

Min: -2.2 [g] at 0.037 [s]

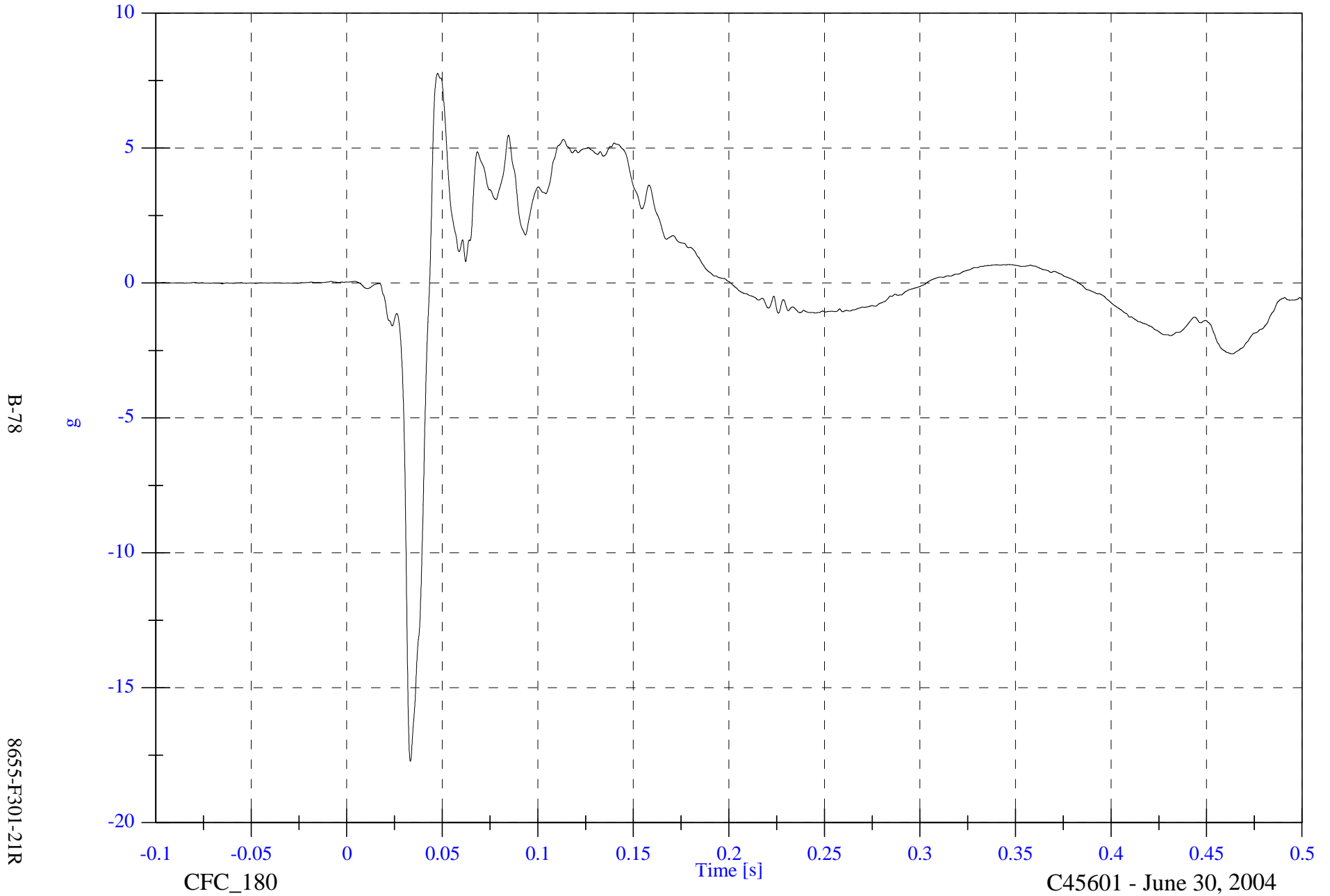


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Chest z

Max: 7.8 [g] at 0.048 [s]

Min: -17.7 [g] at 0.033 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

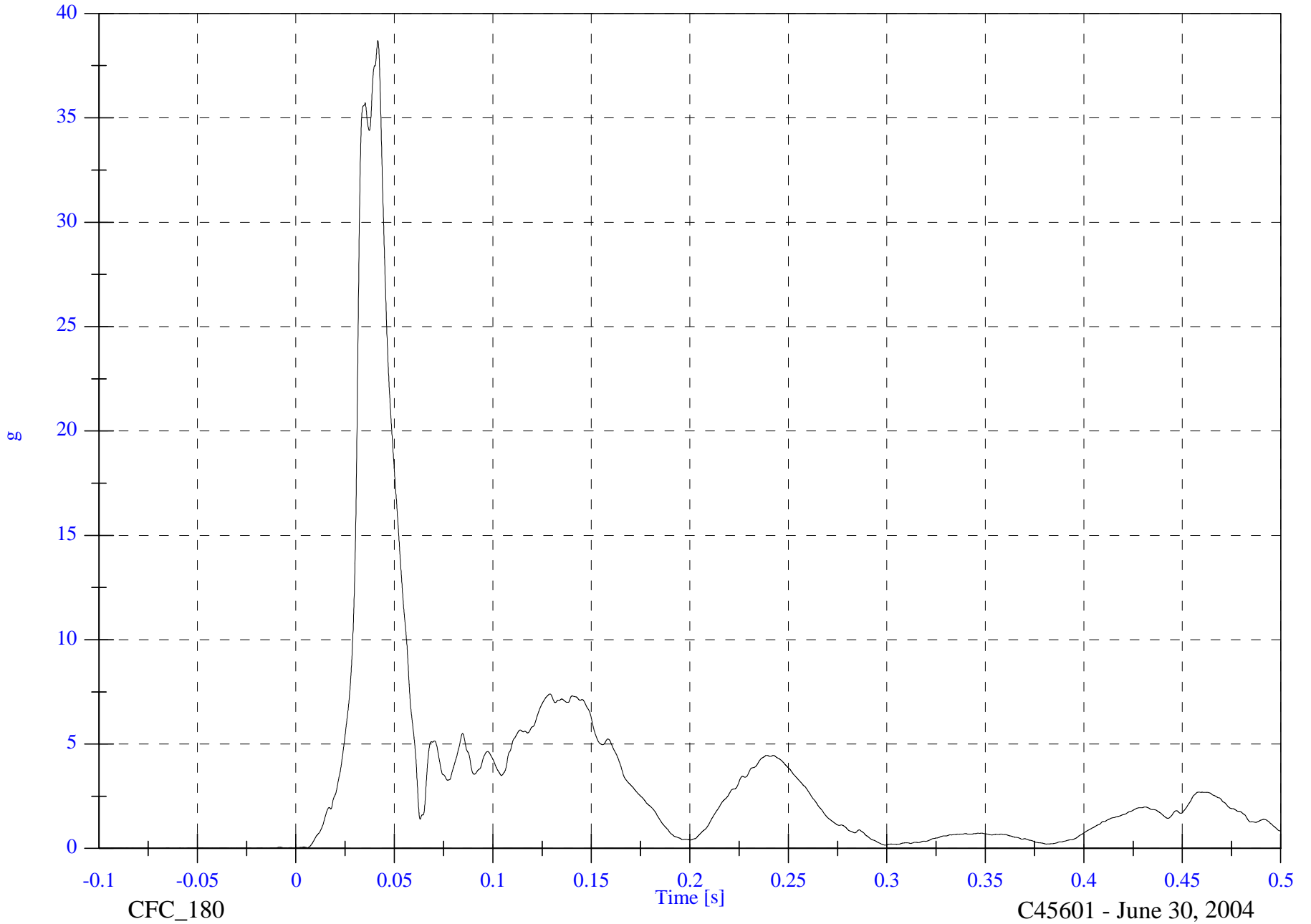
V2P3 Chest Resultant

Max: 38.7 [g] at 0.042 [s]

Min: 0.0 [g] at -0.098 [s]

B-79

8655-F301-21R



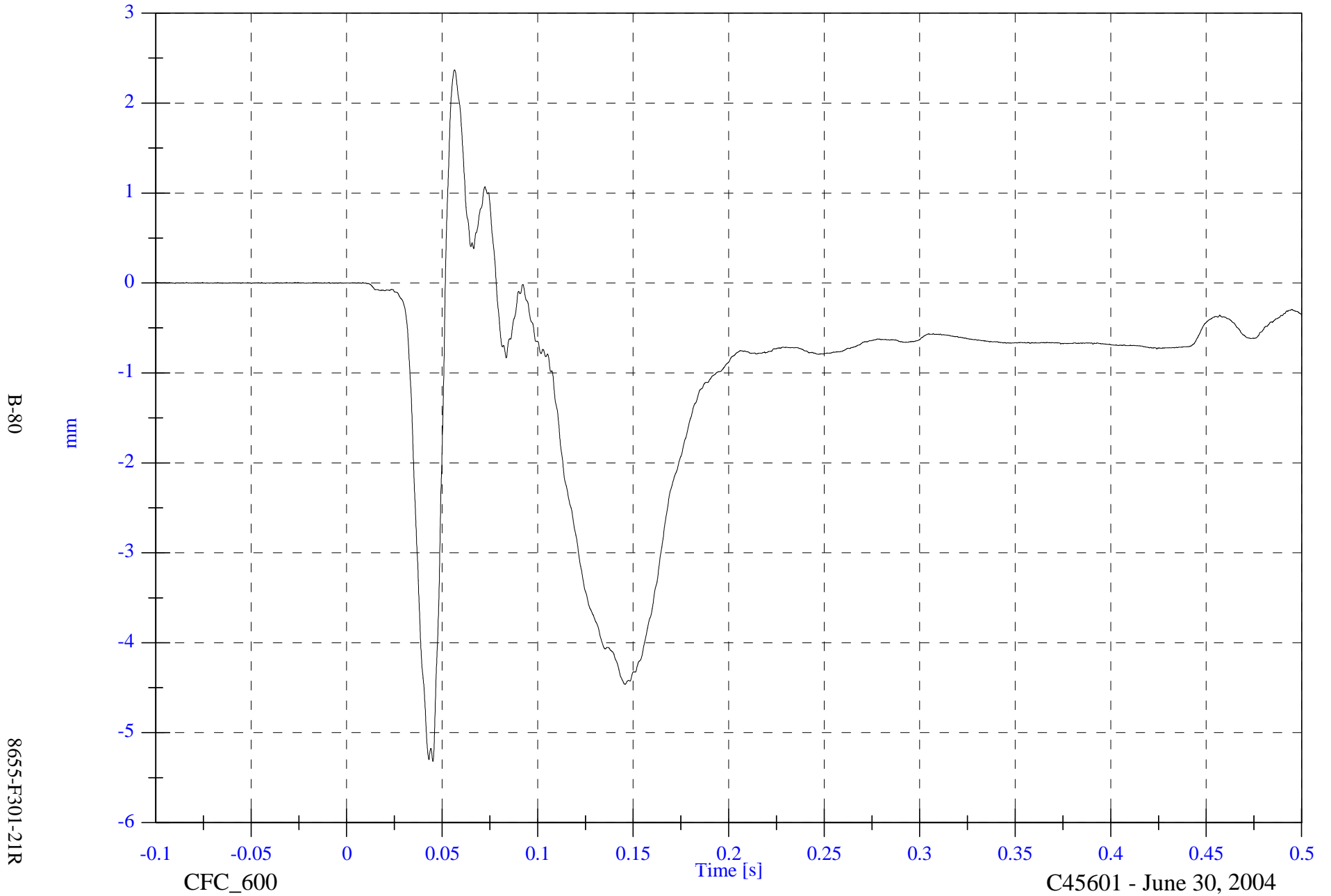
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Chest Compression

Max: 2.4 [mm] at 0.056 [s]

Min: -5.3 [mm] at 0.045 [s]



B-80

8655-F301-21R

CFC_600

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

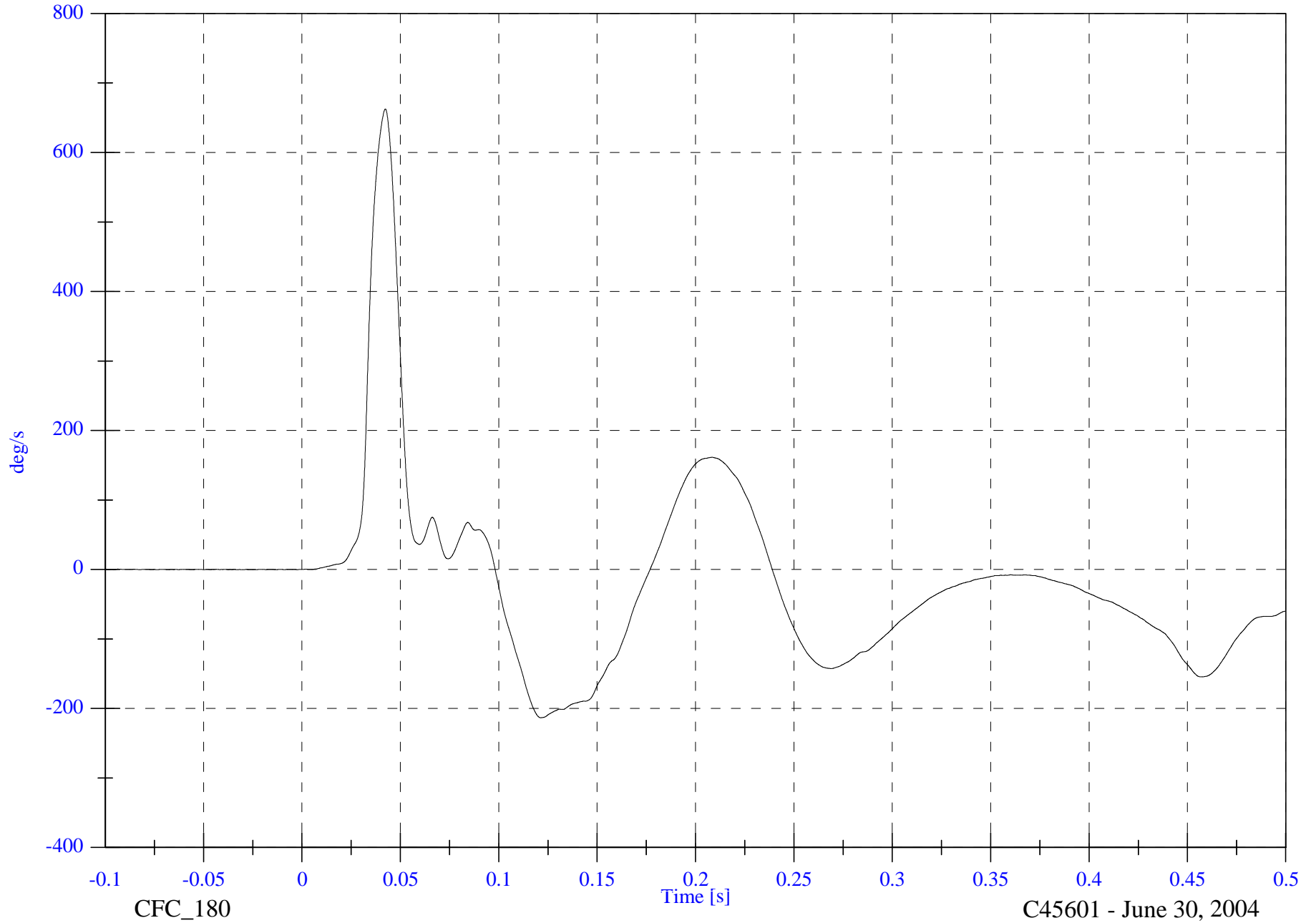
V2P3 Chest AVy

Max: 662.6 [deg/s] at 0.042 [s]

Min: -213.3 [deg/s] at 0.121 [s]

B-81

8655-F301-21R



CFC_180

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

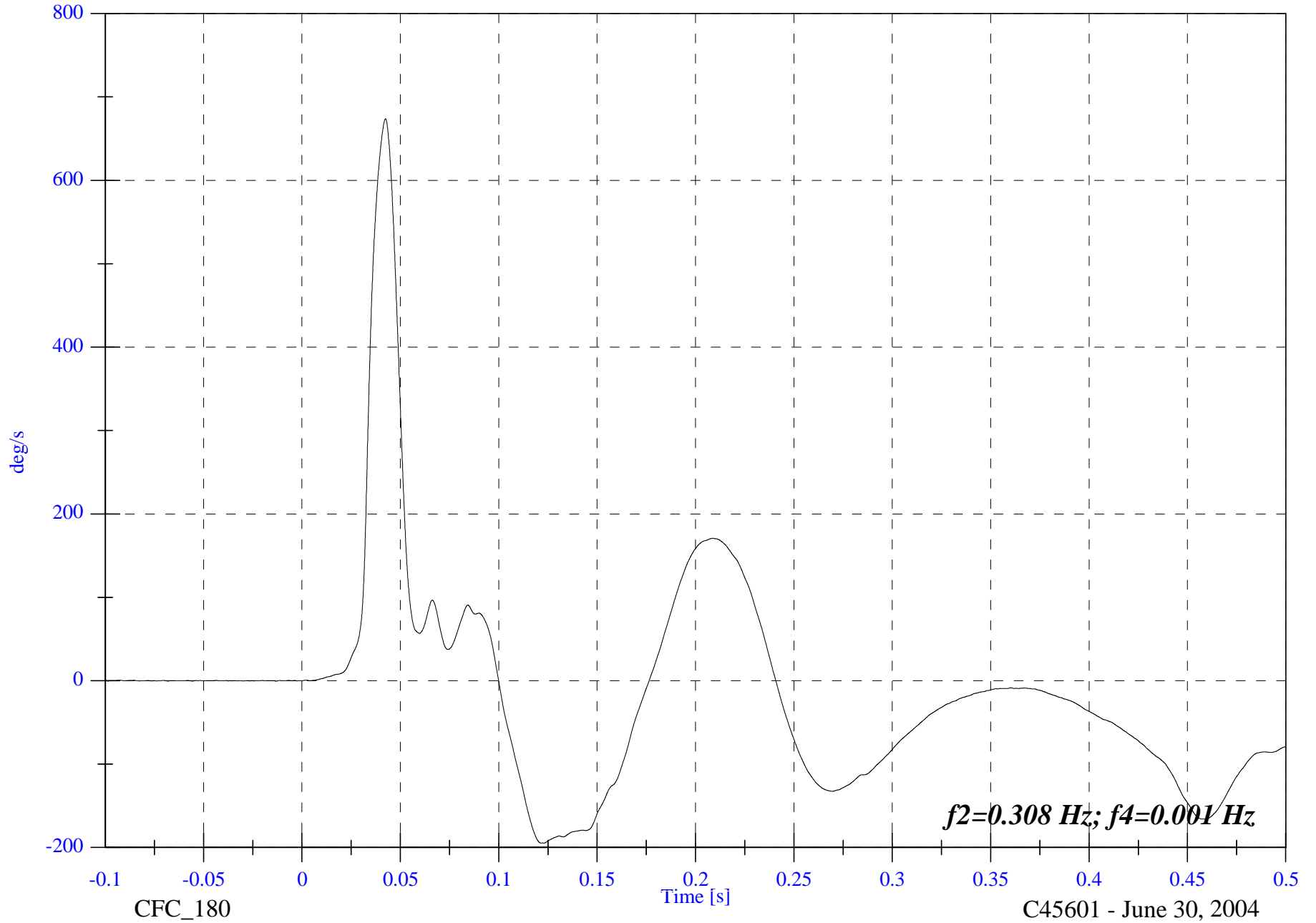
V2P3 Chest Comp AVy

Max: 673.7 [deg/s] at 0.042 [s]

Min: -194.8 [deg/s] at 0.122 [s]

B-82

8655-F301-21R



C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

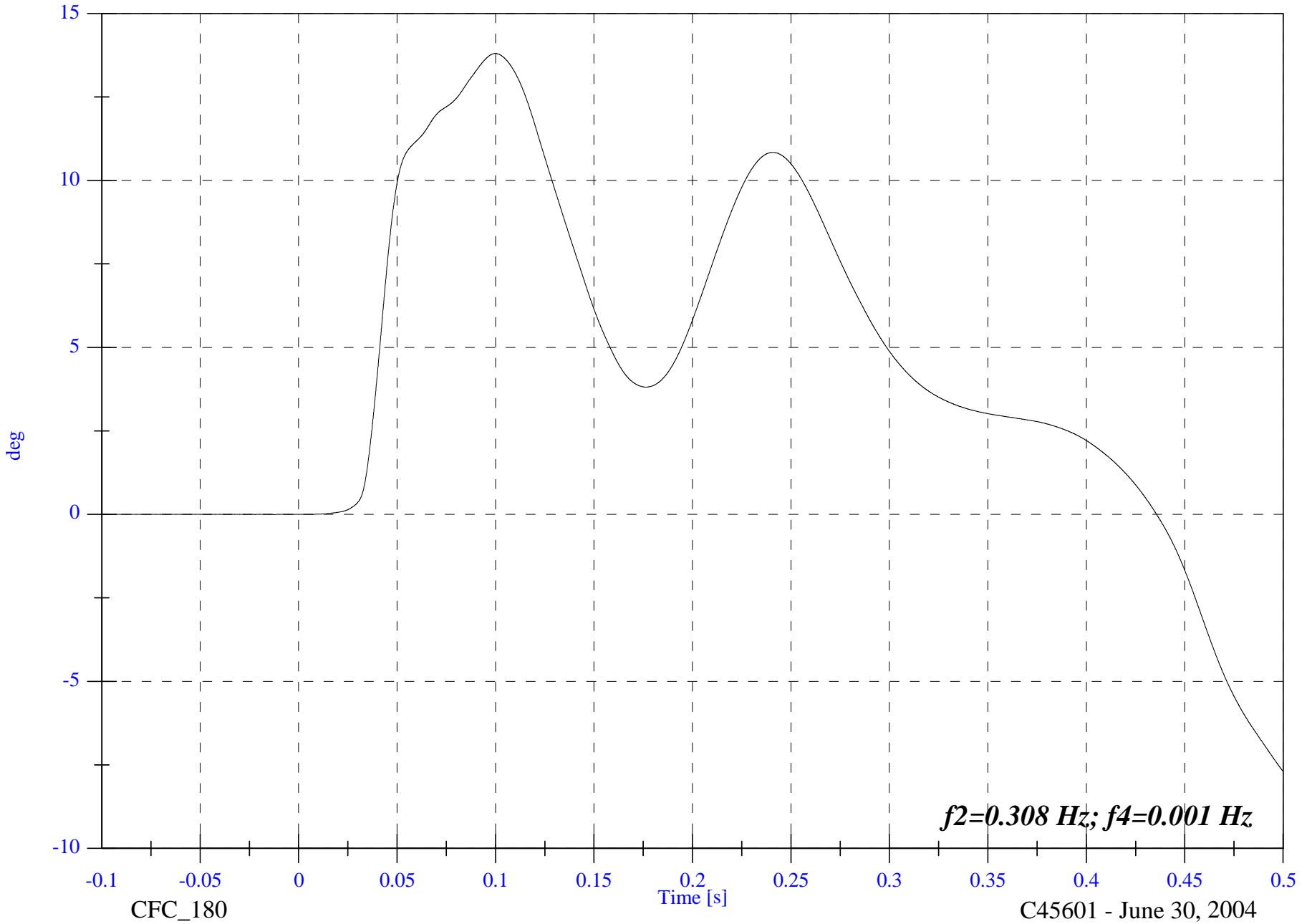
V2P3 Chest Comp ADy

Max: 13.8 [deg] at 0.100 [s]

Min: -7.7 [deg] at 0.500 [s]

B-83

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

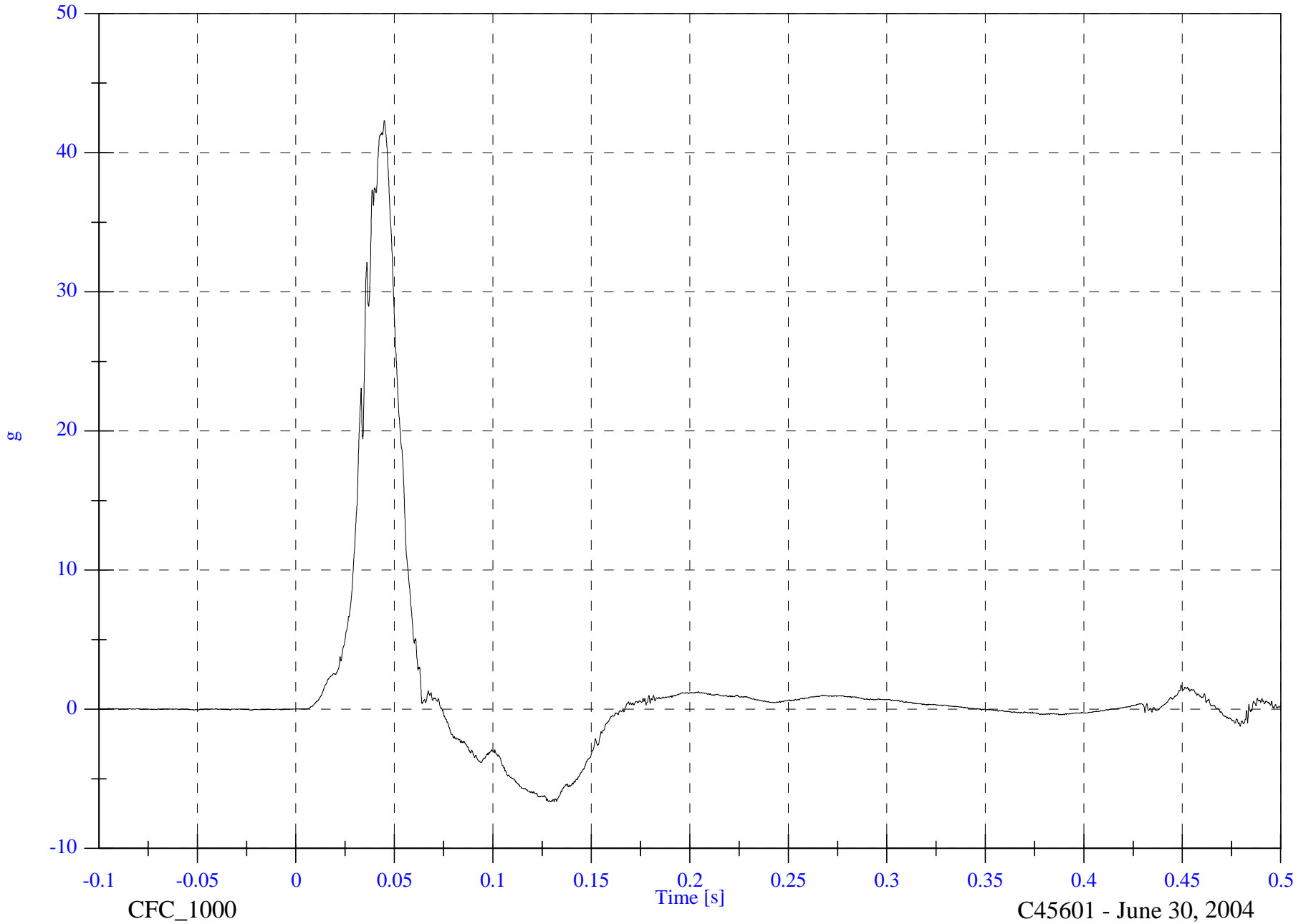
V2P3 Pelvic x

Max: 42.3 [g] at 0.045 [s]

Min: -6.7 [g] at 0.131 [s]

B-84

8655-F301-21R



CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

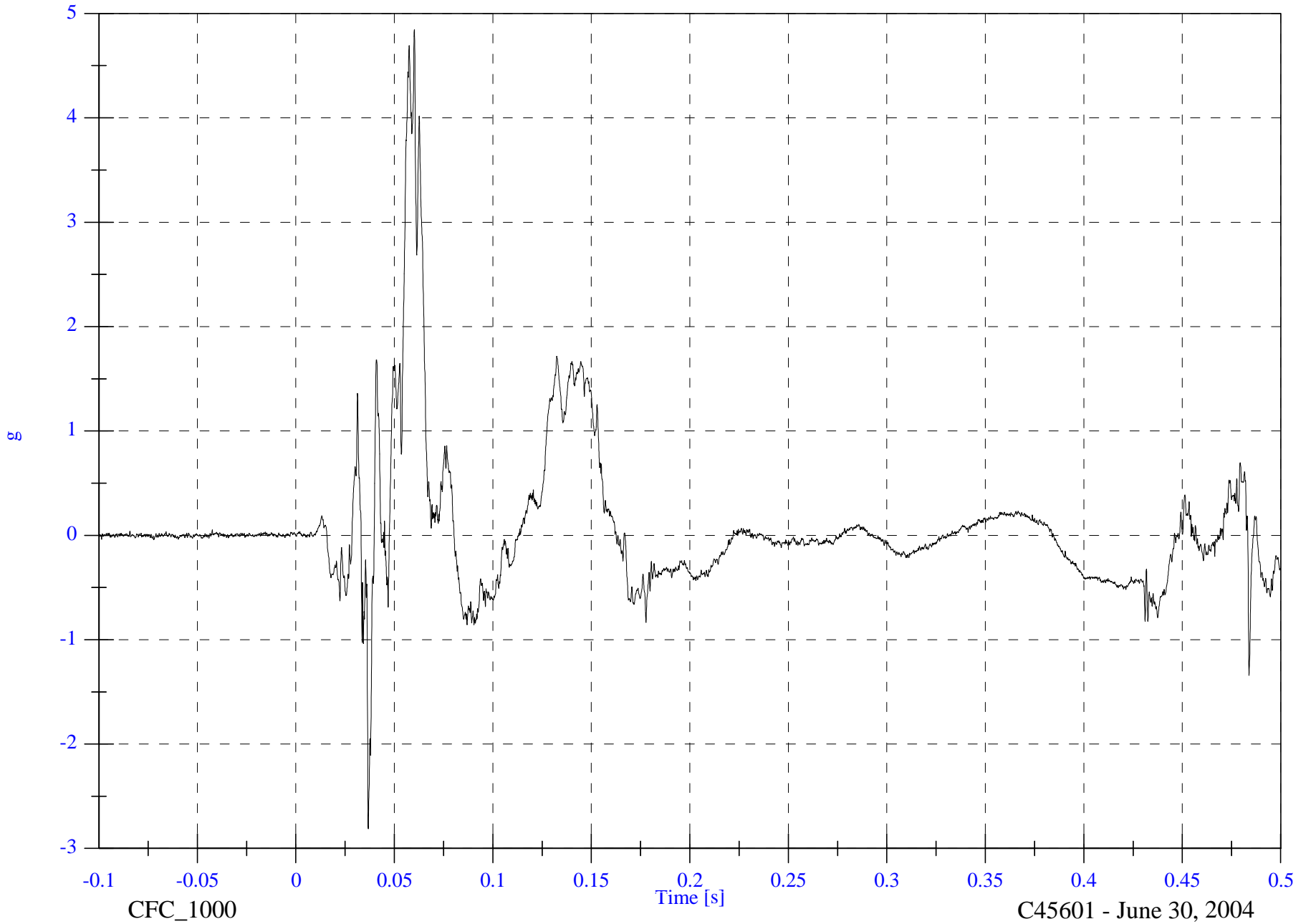
V2P3 Pelvic y

Max: 4.8 [g] at 0.060 [s]

Min: -2.8 [g] at 0.037 [s]

B-85

8655-F301-21R



CFC_1000

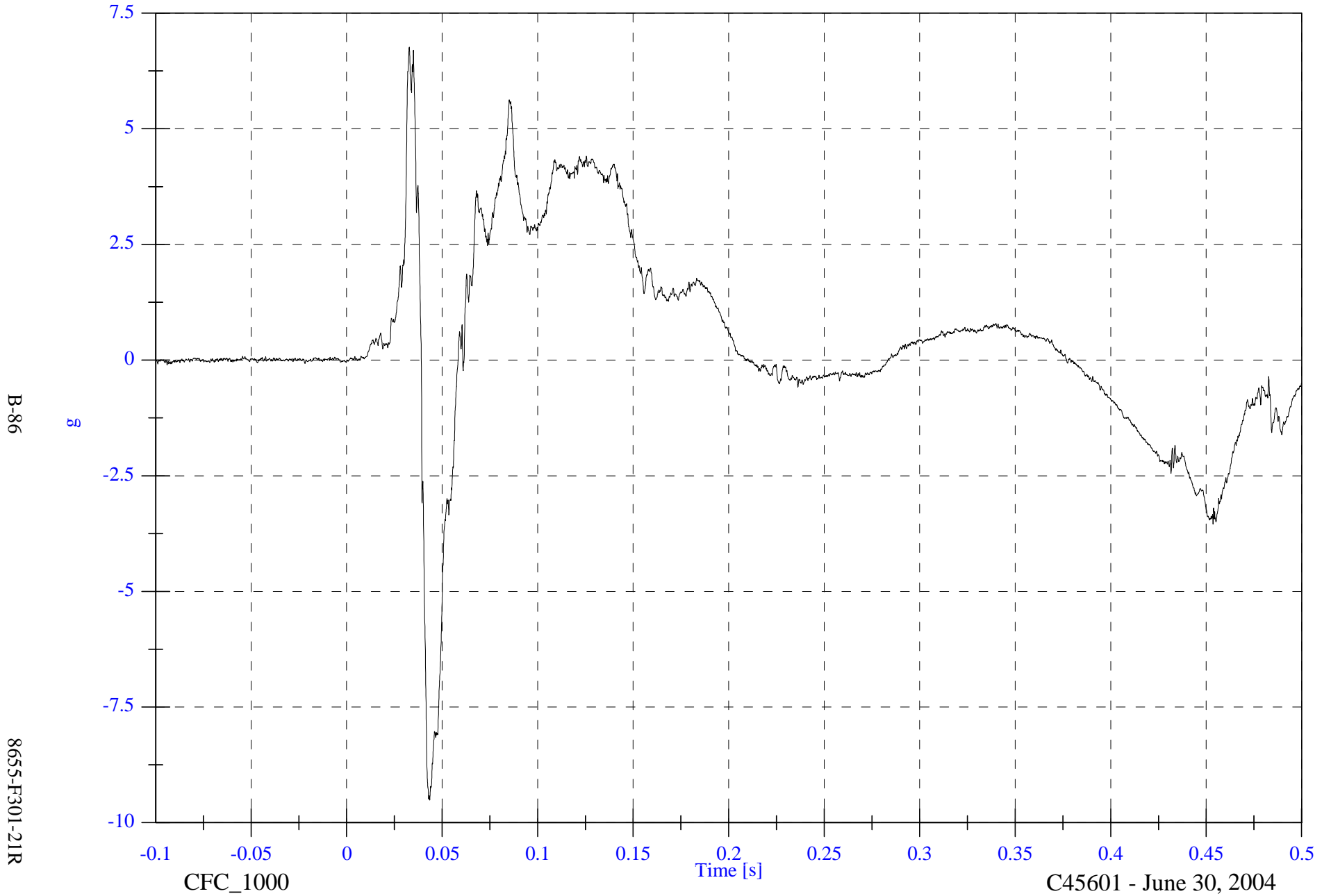
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Pelvic z

Max: 6.8 [g] at 0.033 [s]

Min: -9.5 [g] at 0.043 [s]



B-86

8655-F301-21R

CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

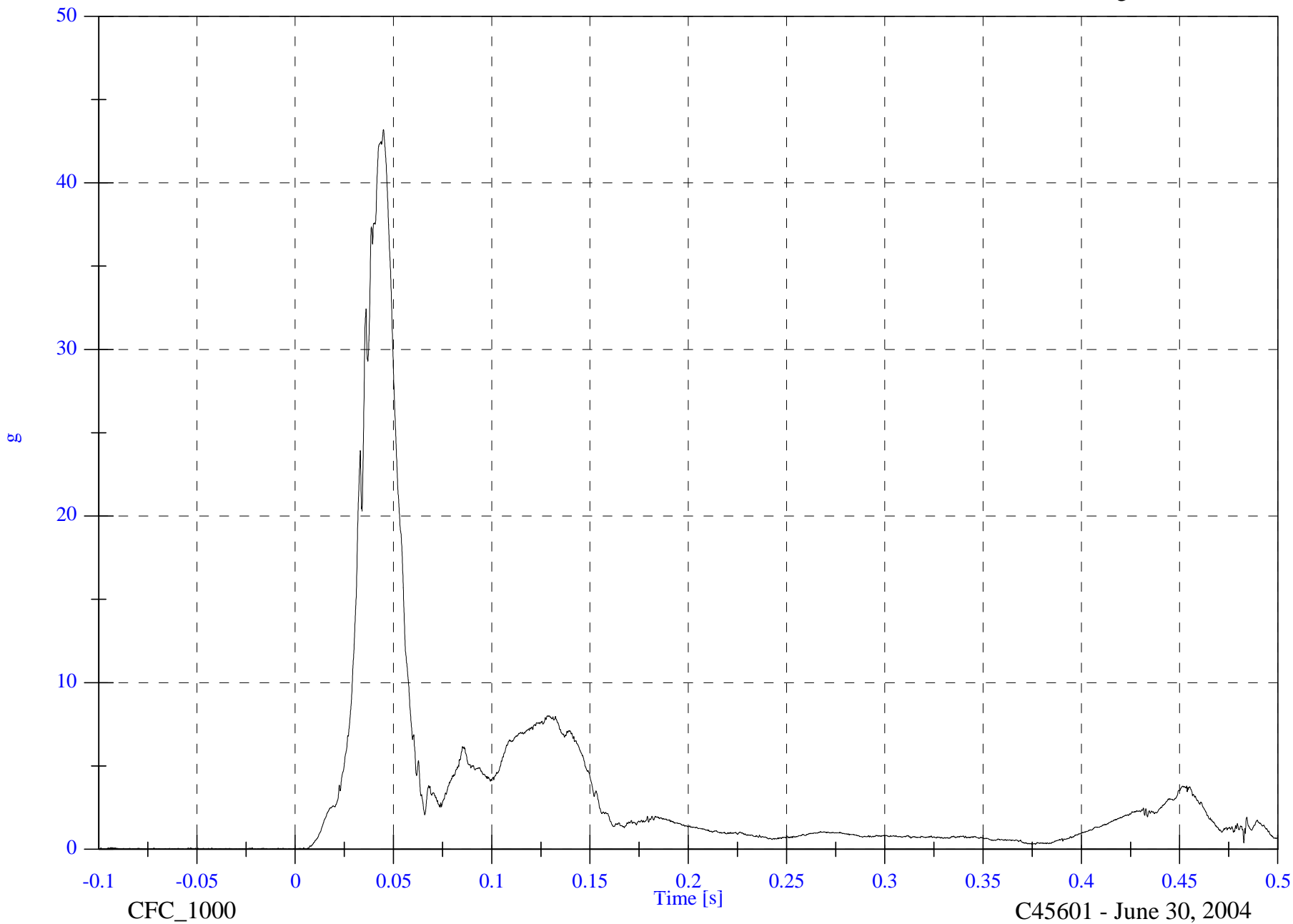
V2P3 Pelvic Resultant

Max: 43.2 [g] at 0.045 [s]

Min: 0.0 [g] at -0.044 [s]

B-87

8655-F301-21R

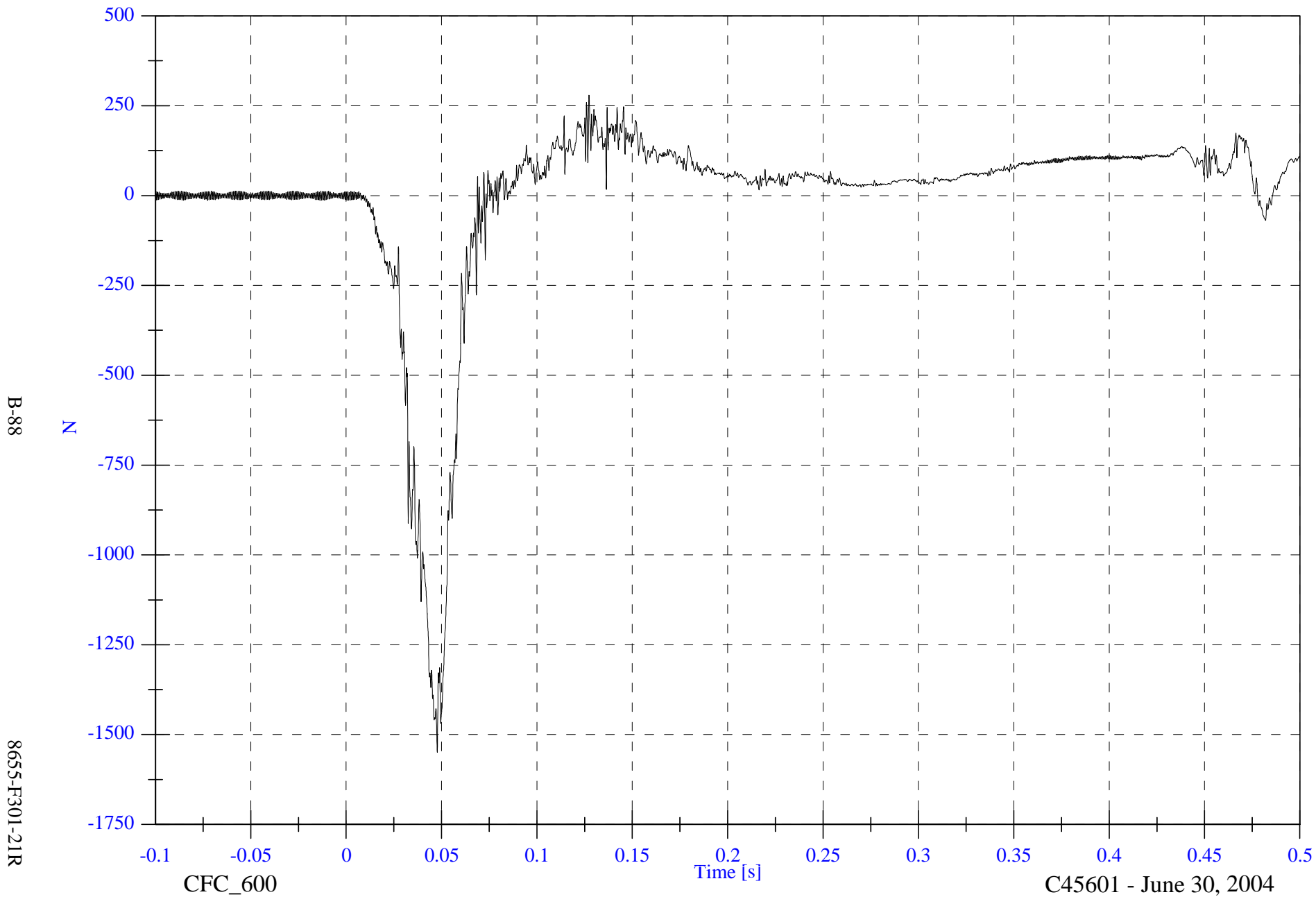


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Left Femur

Max: 279.6 [N] at 0.127 [s]

Min: -1548.9 [N] at 0.048 [s]

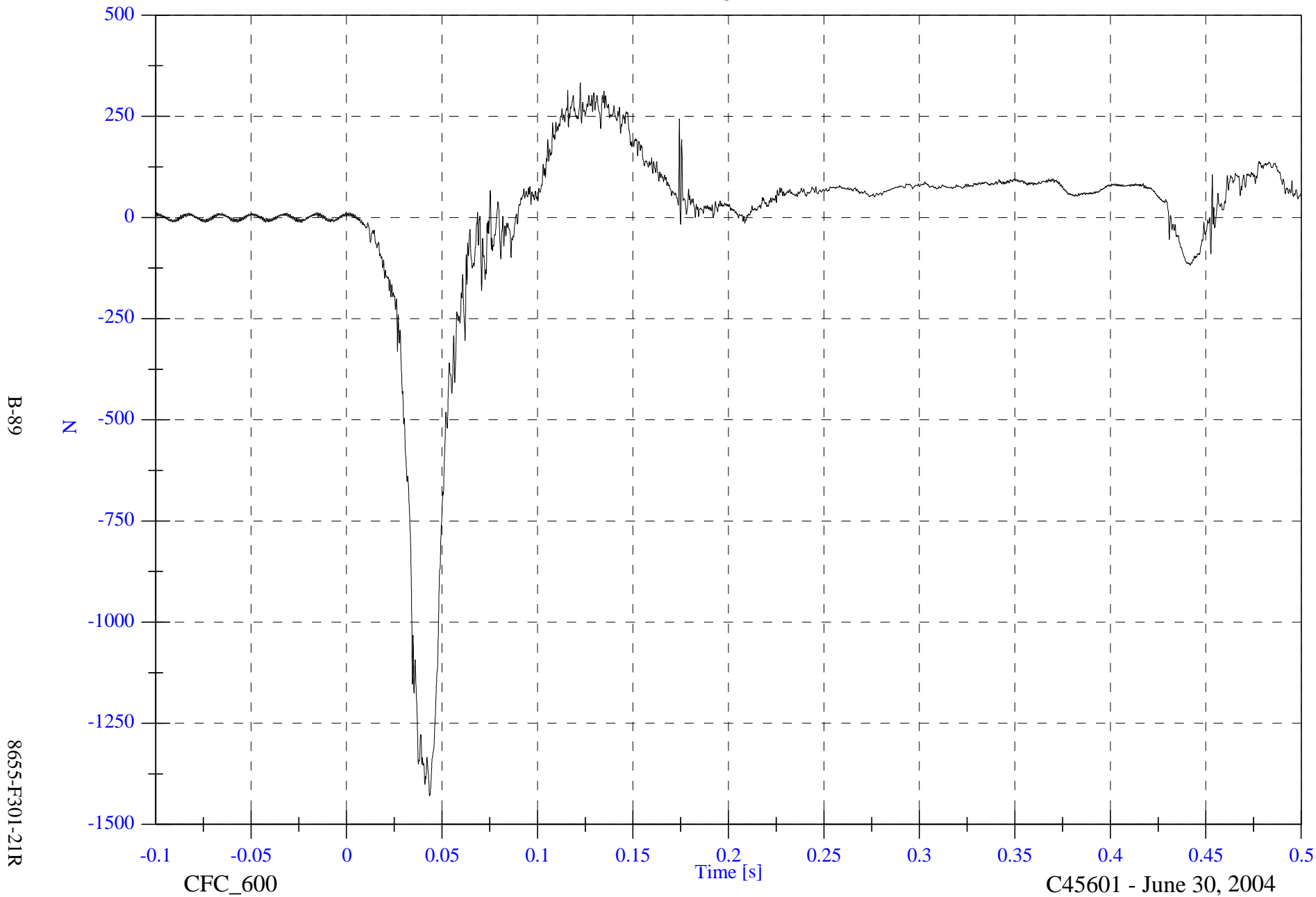


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Right Femur

Max: 333.0 [N] at 0.122 [s]

Min: -1429.5 [N] at 0.043 [s]

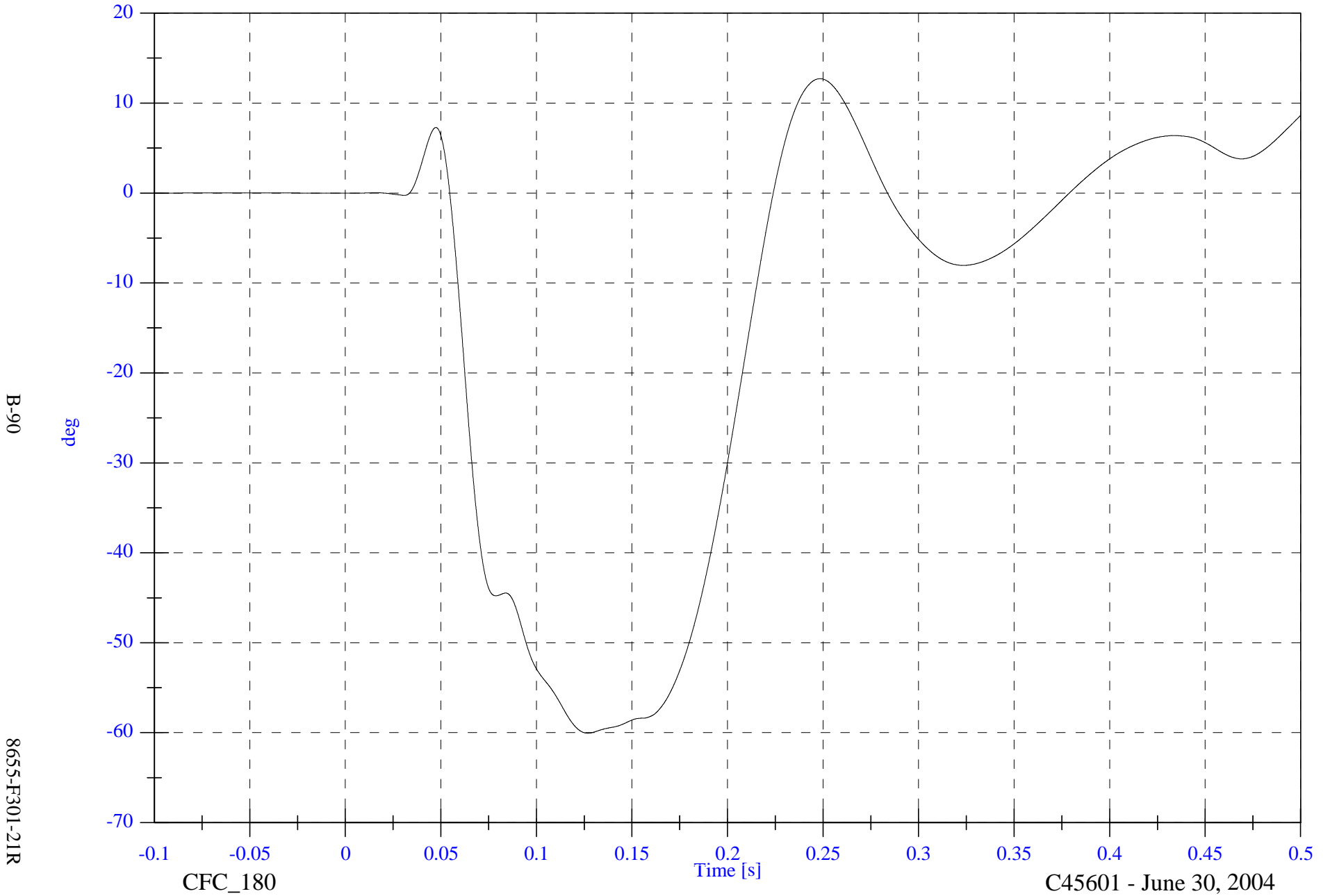


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Head to Chest

Max: 12.7 [deg] at 0.248 [s]

Min: -60.1 [deg] at 0.127 [s]



B-90

8655-F301-21R

CFC_180

Time [s]

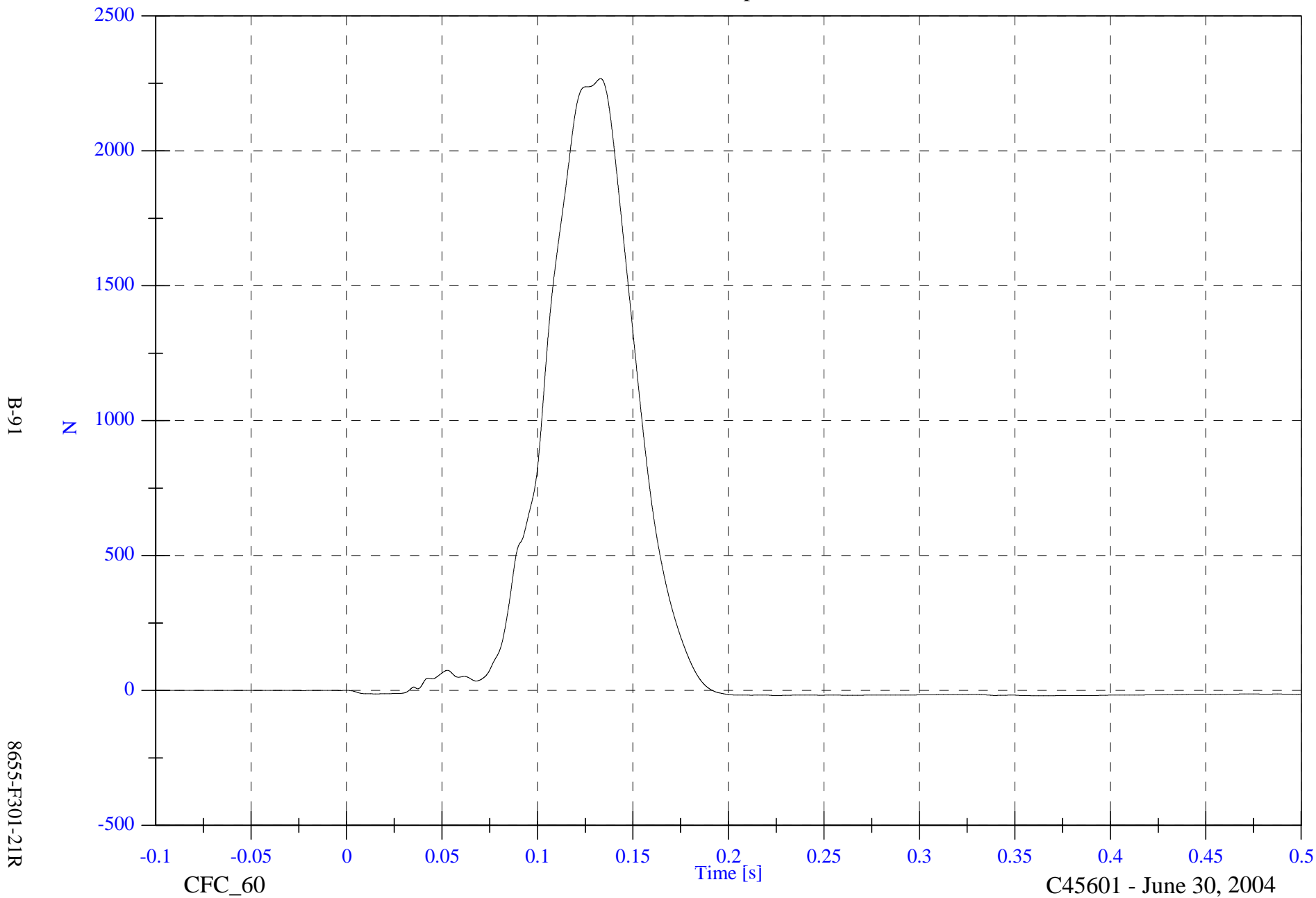
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Lap Belt

Max: 2267.6 [N] at 0.133 [s]

Min: -19.4 [N] at 0.363 [s]



B-91

8655-F301-21R

CFC_60

Time [s]

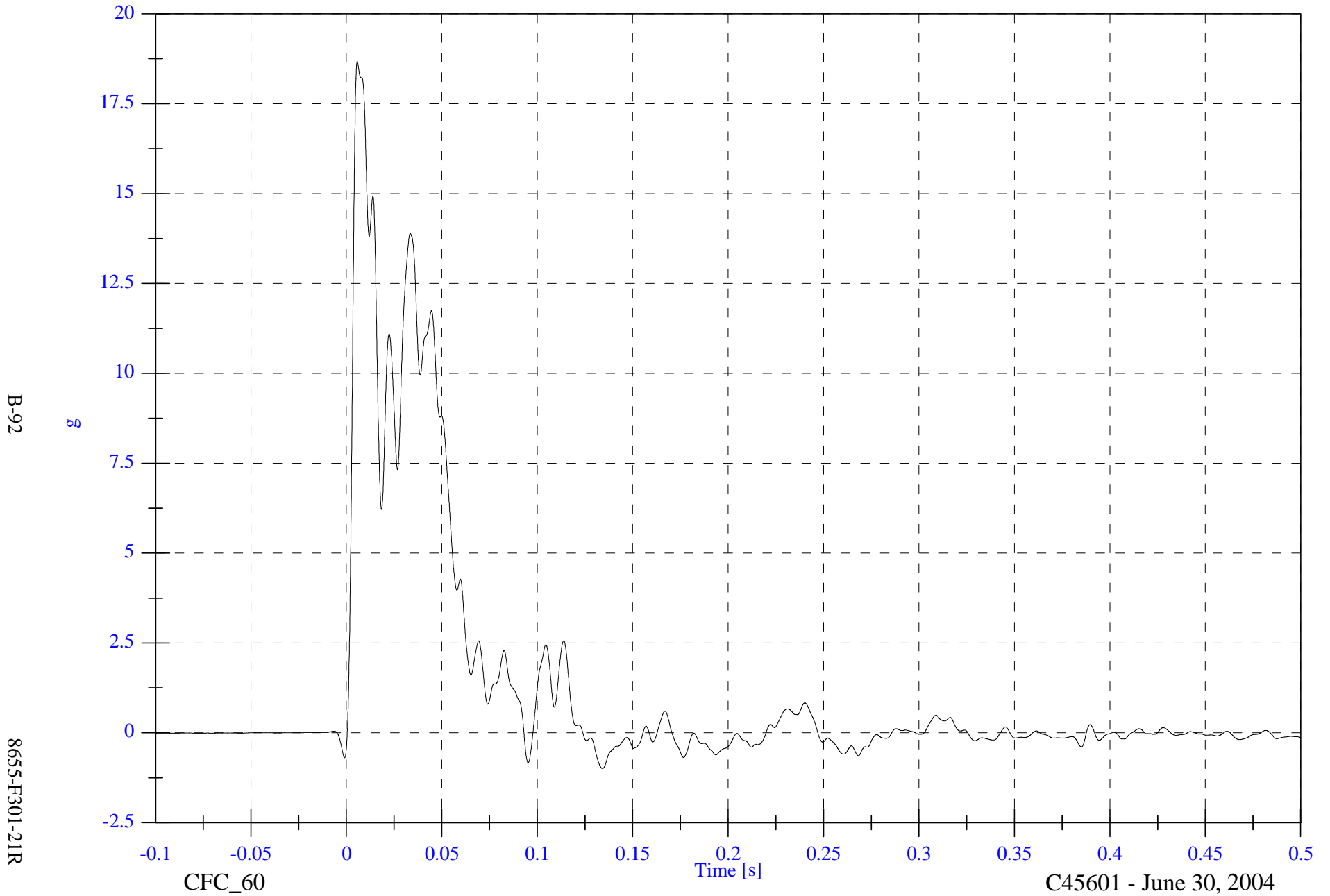
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 18.7 [g] at 0.006 [s]

V2 Left X Member x

Min: -1.0 [g] at 0.134 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

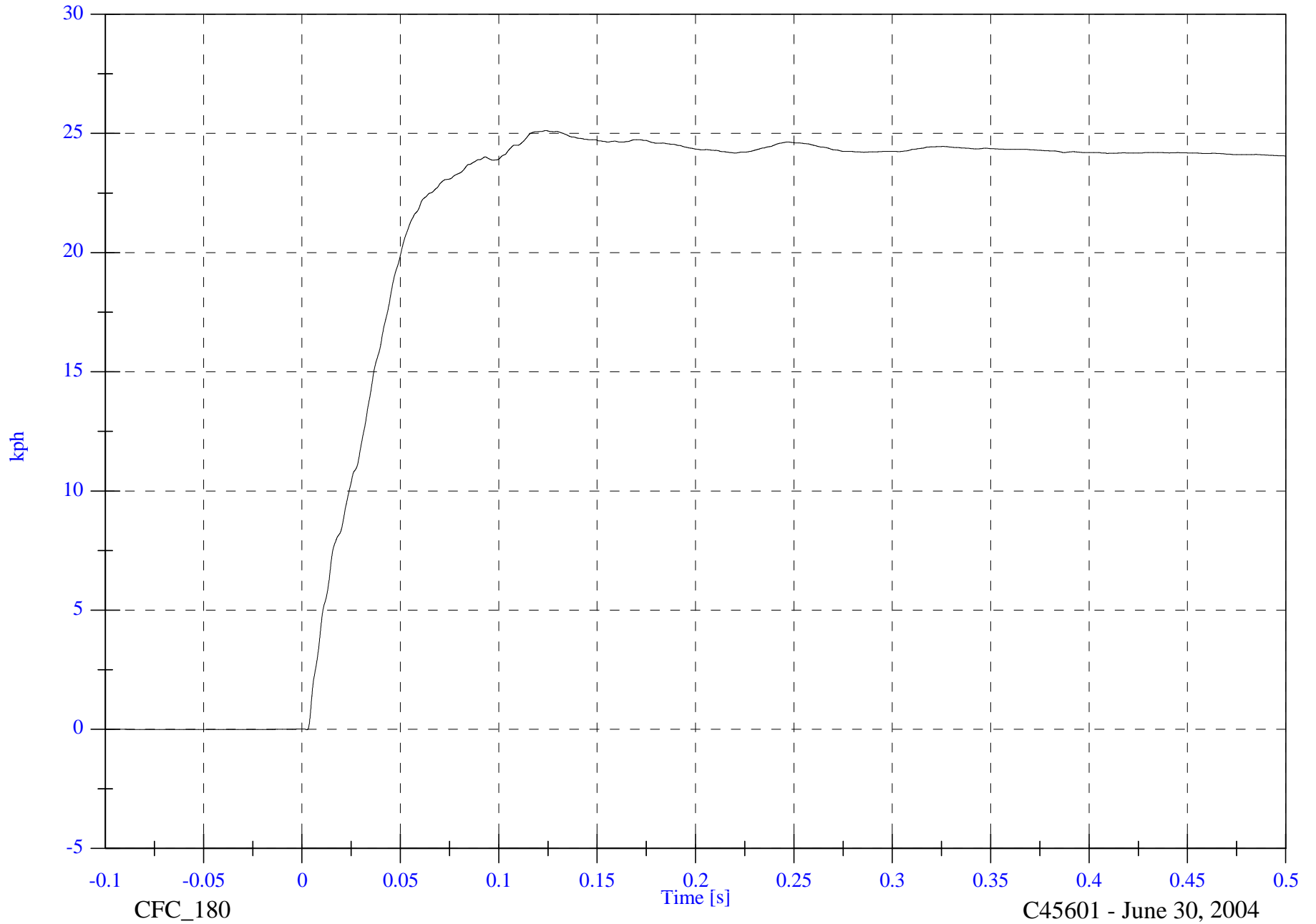
V2 Left X Member x Velocity

Max: 25.1 [kph] at 0.124 [s]

Min: -0.0 [kph] at 0.003 [s]

B-93

8655-F301-21R



CFC_180

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

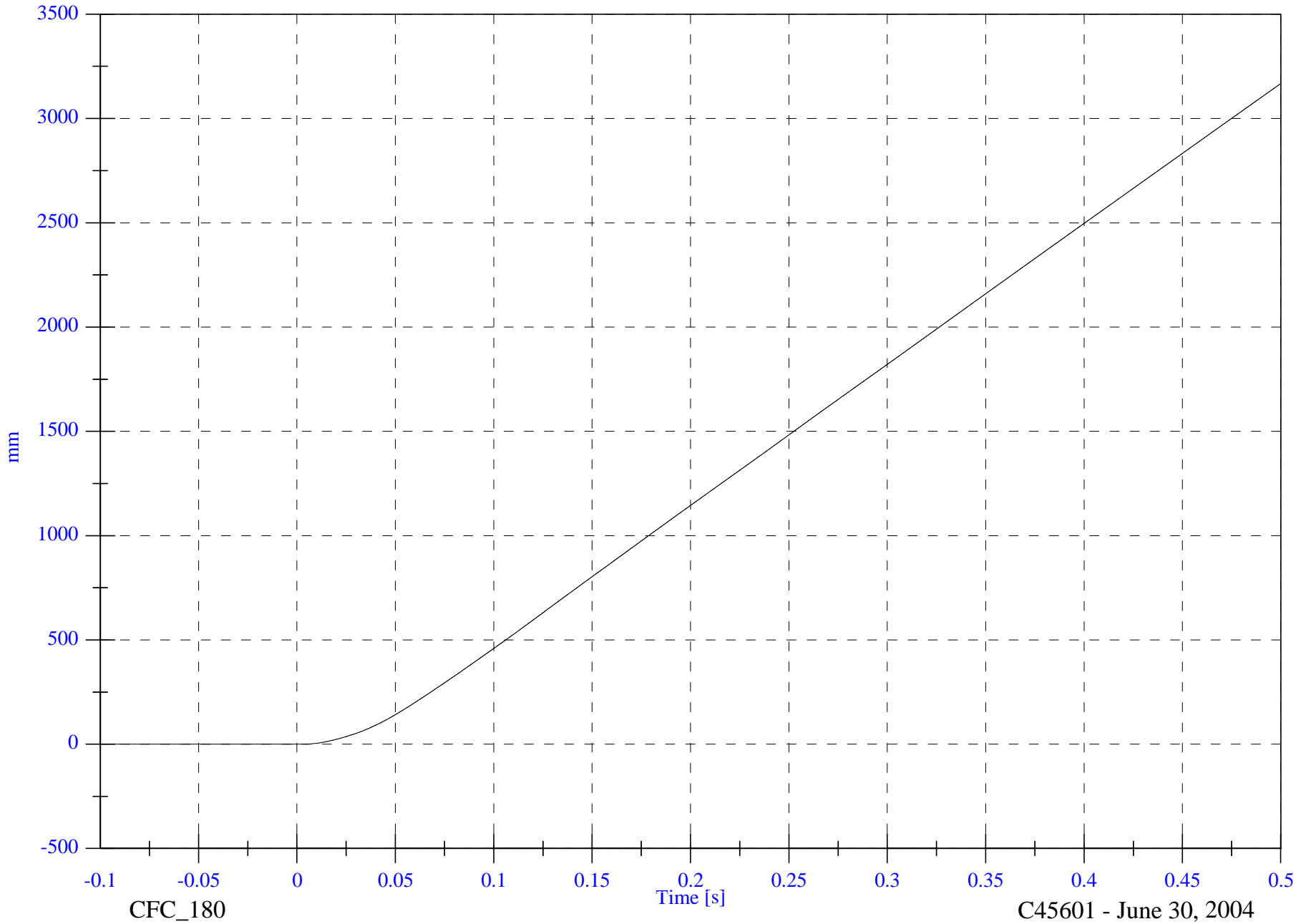
V2 Left X Member x Displacement

Max: 3167.4 [mm] at 0.500 [s]

Min: -0.0 [mm] at -0.010 [s]

B-94

8655-F301-21R



CFC_180

Time [s]

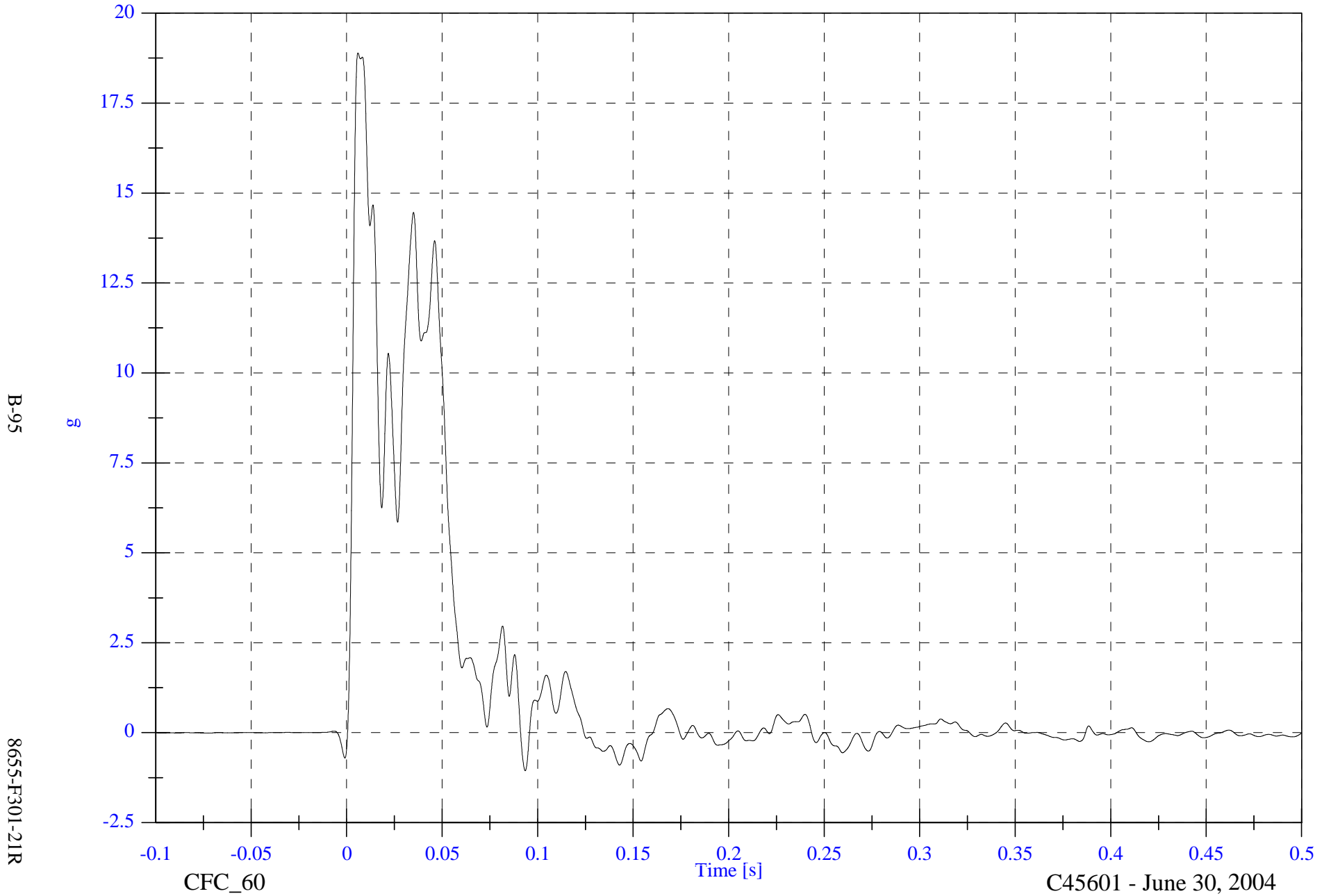
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 18.9 [g] at 0.006 [s]

V2 Left X Member RED x

Min: -1.1 [g] at 0.093 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

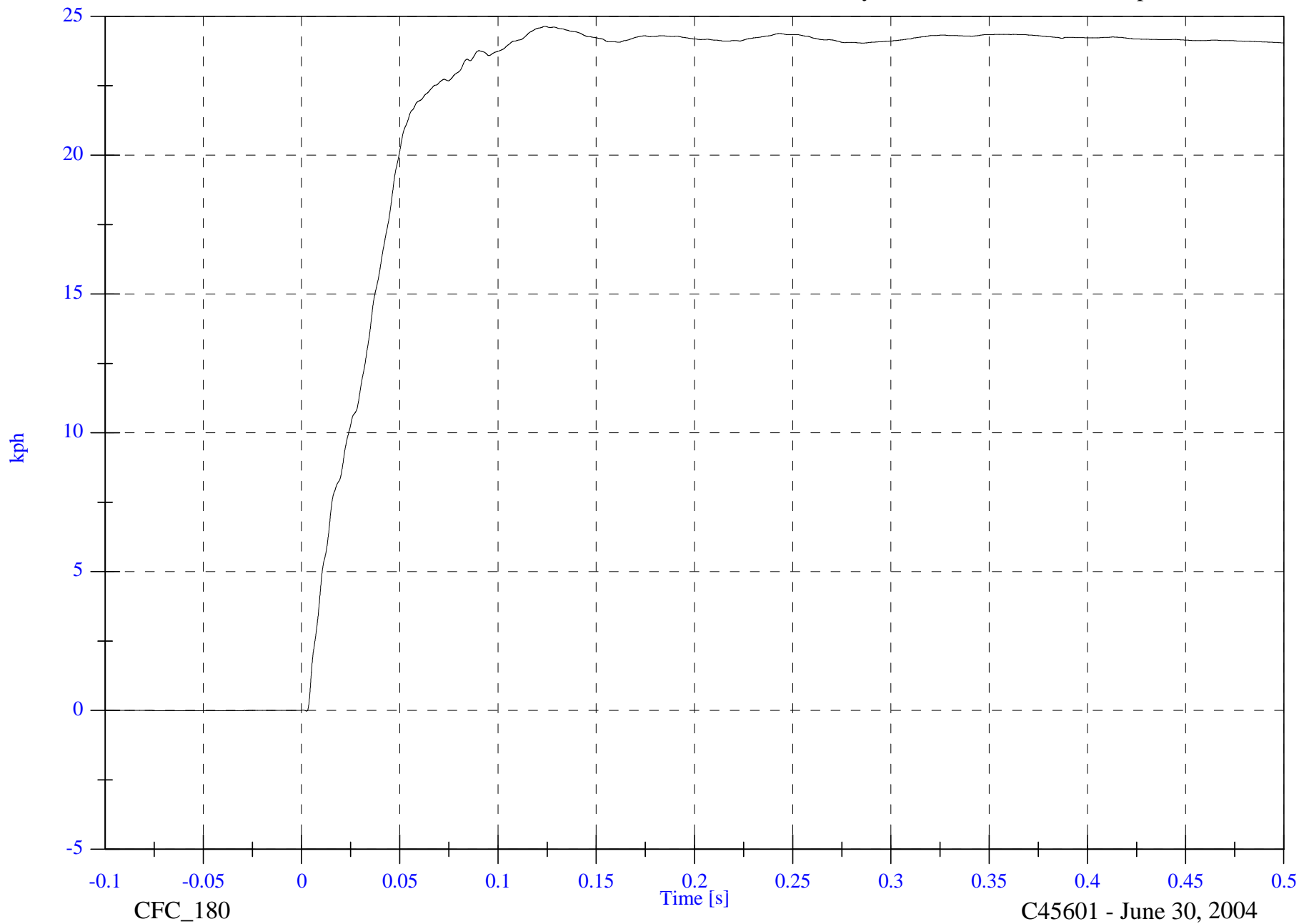
Max: 24.6 [kph] at 0.124 [s]

V2 Left X Member RED x Velocity

Min: -0.0 [kph] at 0.003 [s]

B-96

8655-F301-21R



CFC_180

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

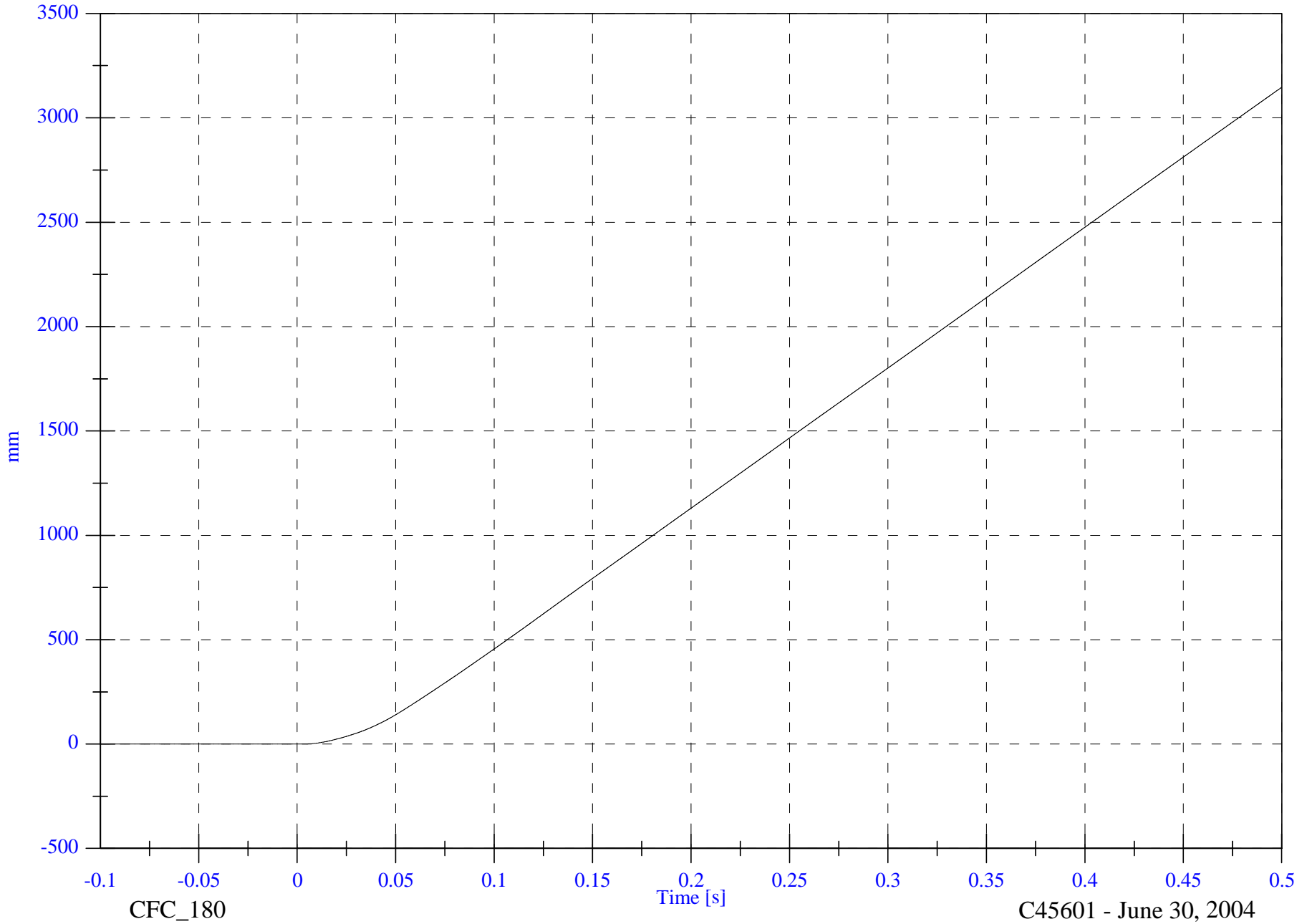
V2 Left X Member RED x Displacement

Max: 3146.5 [mm] at 0.500 [s]

Min: -0.0 [mm] at -0.010 [s]

B-97

8655-F301-21R



CFC_180

Time [s]

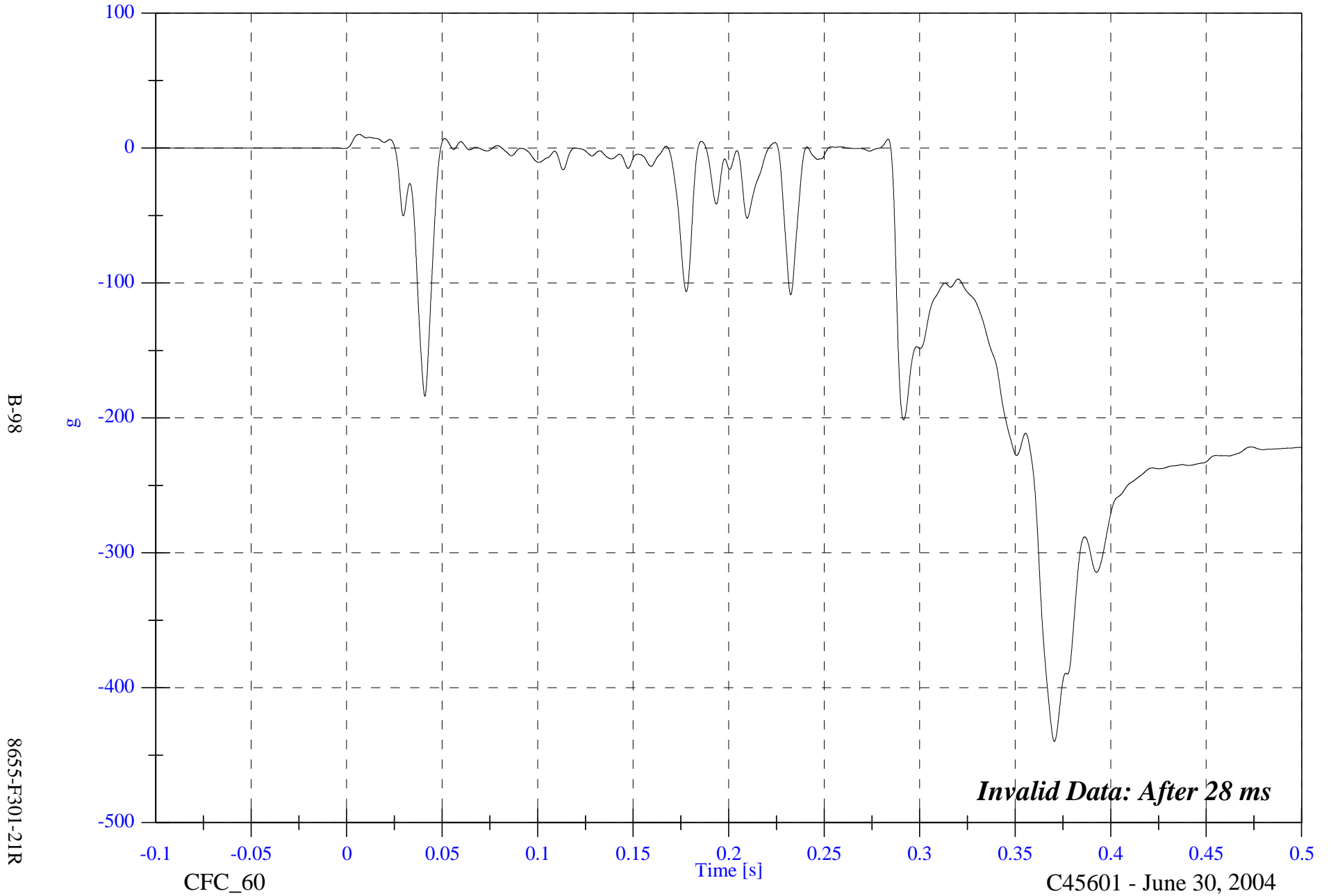
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Right X Member x

Max: 10.1 [g] at 0.007 [s]

Min: -439.8 [g] at 0.370 [s]

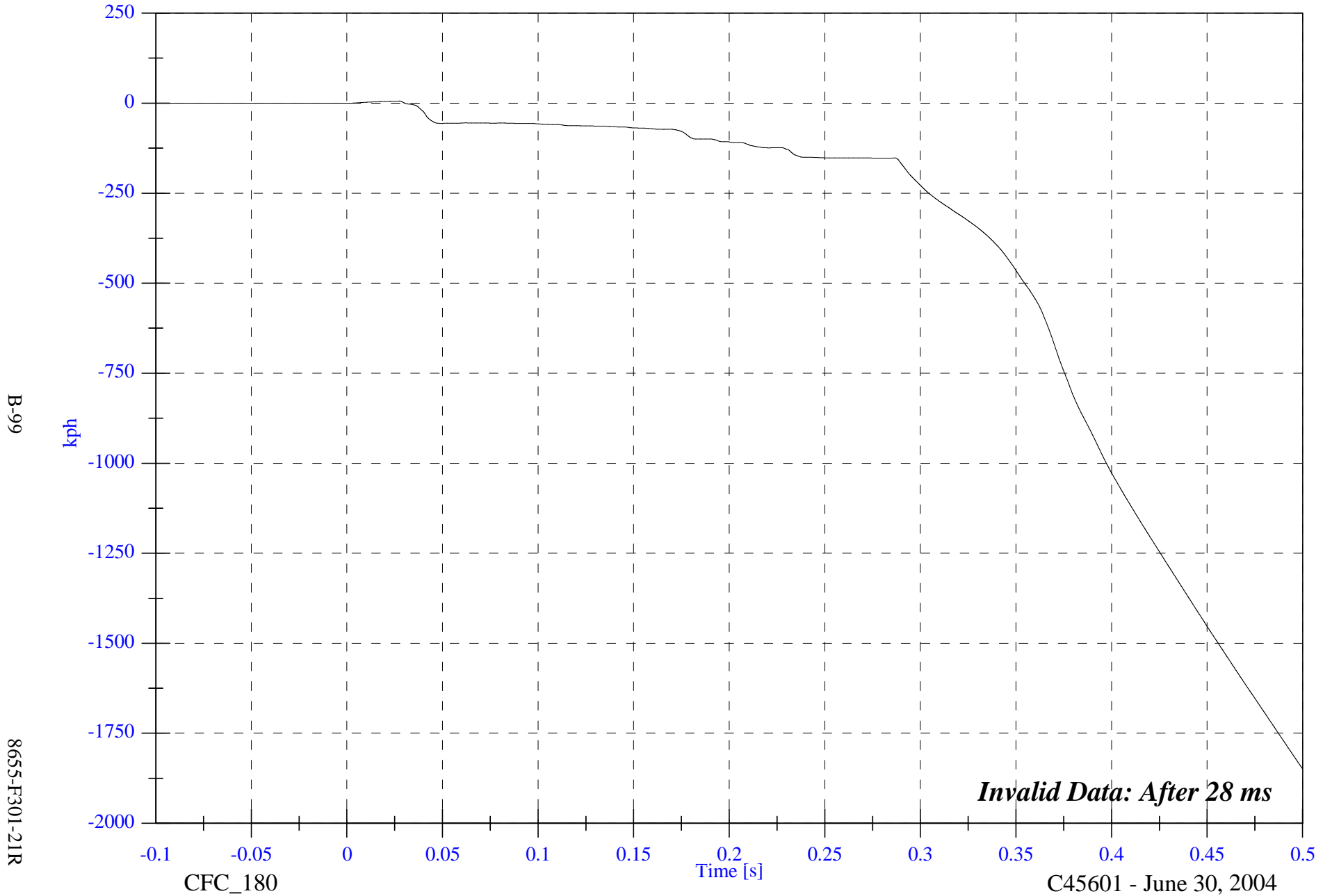


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Right X Member x Velocity

Max: 5.6 [kph] at 0.028 [s]

Min: -1849.1 [kph] at 0.500 [s]



B-99

8655-F301-21R

CFC_180

Time [s]

C45601 - June 30, 2004

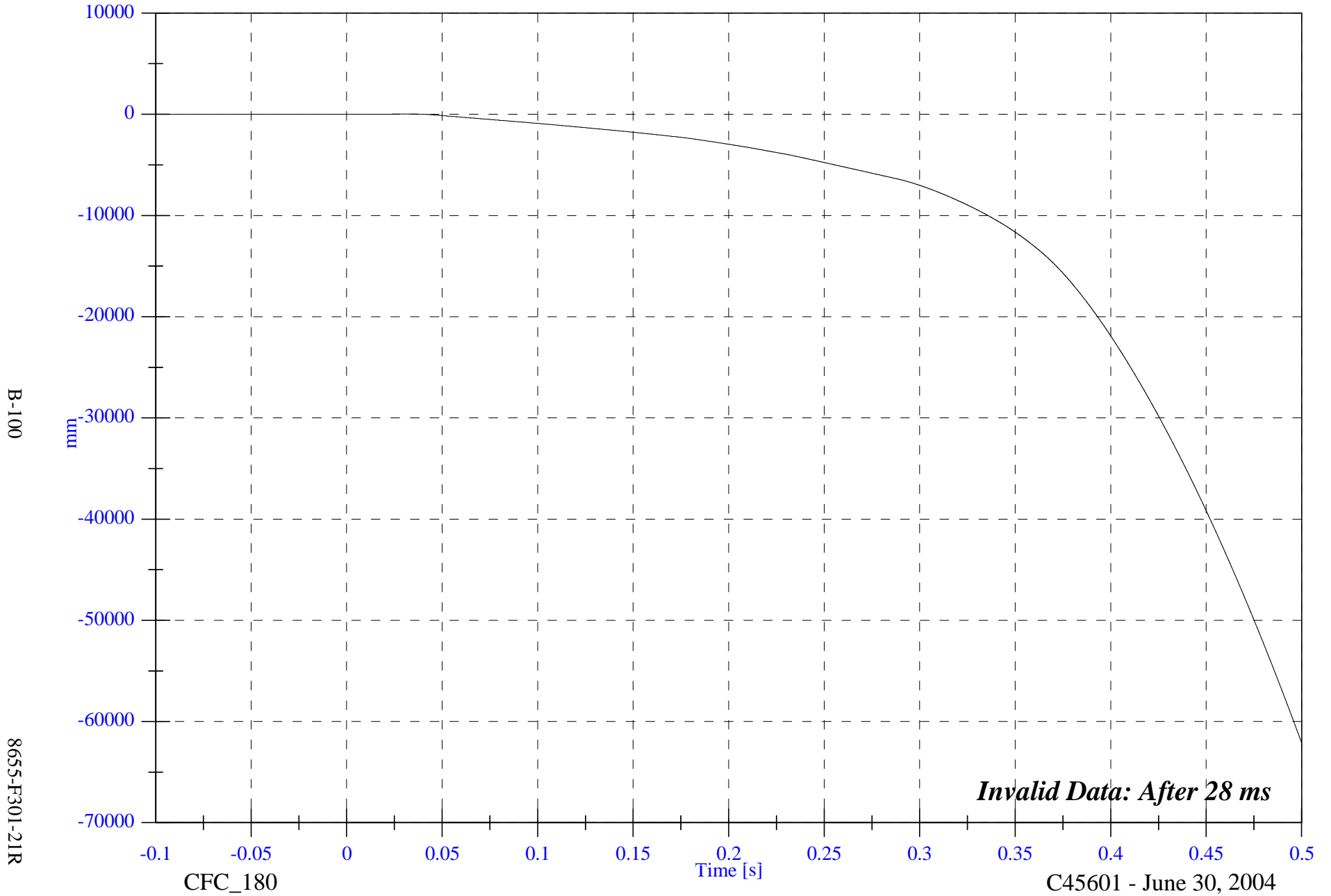
Invalid Data: After 28 ms

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Right X Member x Displacement

Max: 25.6 [mm] at 0.030 [s]

Min: -62092.5 [mm] at 0.500 [s]



B-100

8655-F301-21R

Invalid Data: After 28 ms

CFC_180

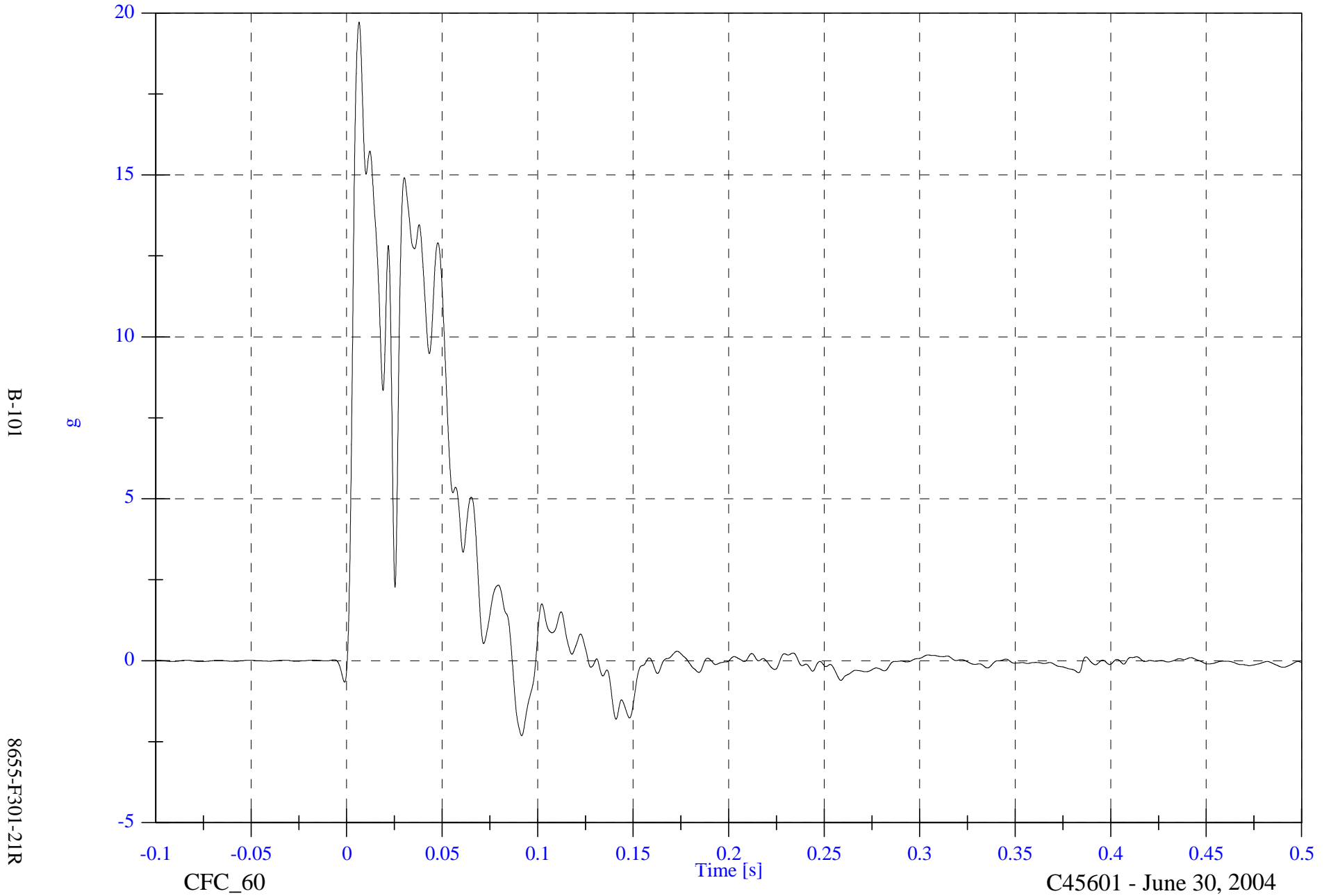
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Right X Member RED x

Max: 19.7 [g] at 0.006 [s]

Min: -2.3 [g] at 0.092 [s]



B-101

8655-F301-21R

CFC_60

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

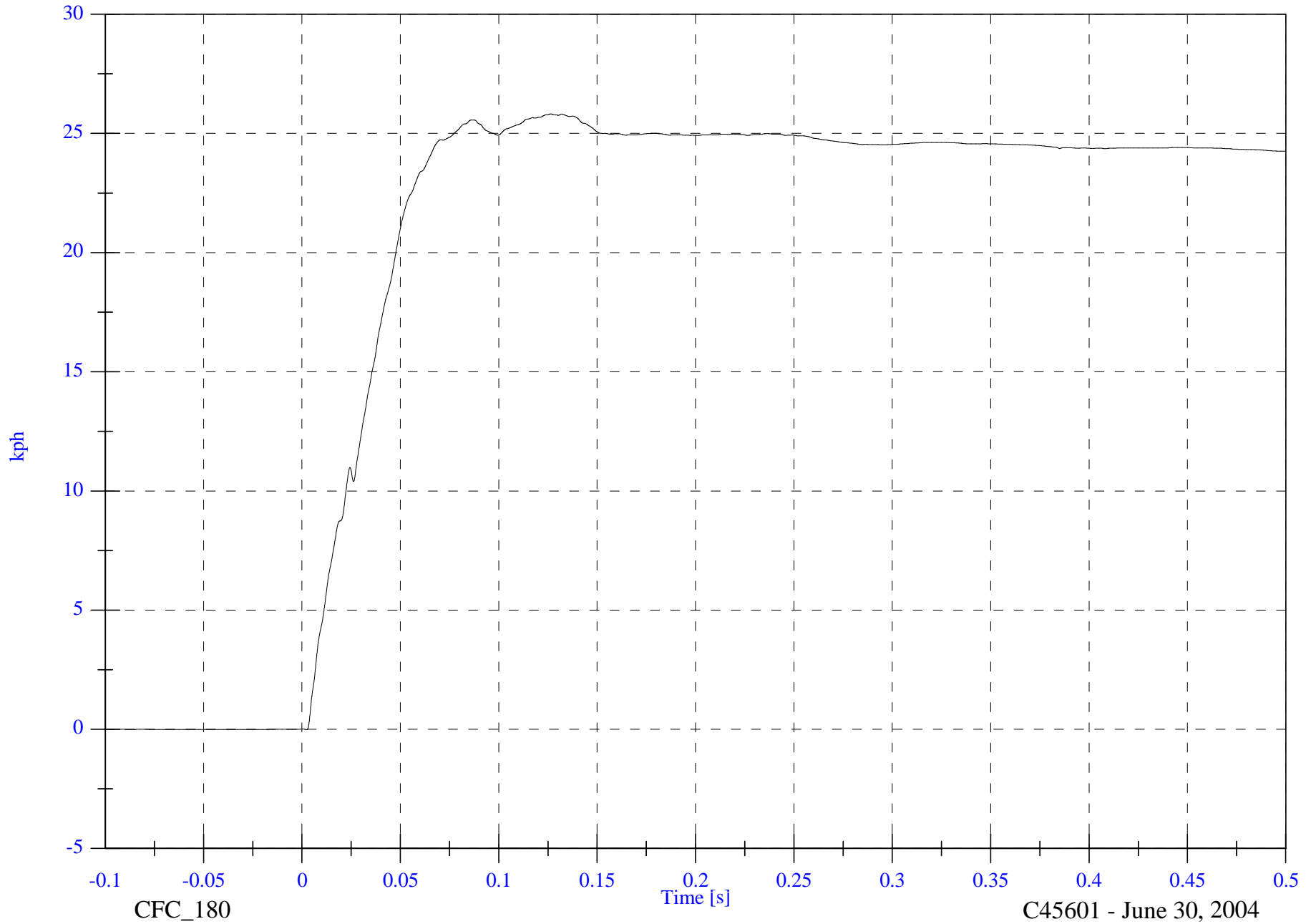
Max: 25.8 [kph] at 0.126 [s]

V2 Right X Member RED x Velocity

Min: -0.0 [kph] at 0.002 [s]

B-102

8655-F301-21R



CFC_180

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

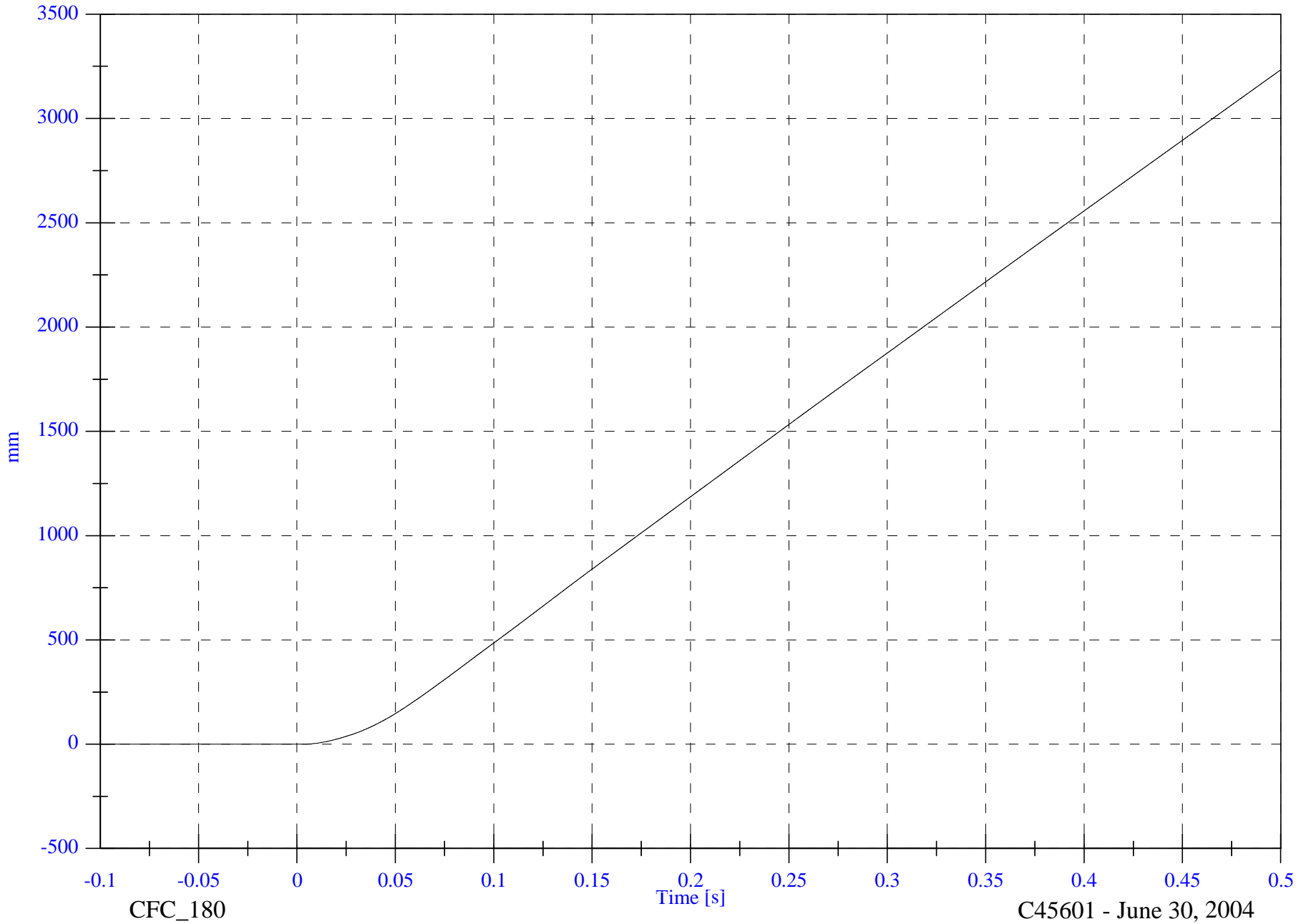
V2 Right X Member RED x Displacement

Max: 3233.1 [mm] at 0.500 [s]

Min: -0.0 [mm] at -0.004 [s]

B-103

8655-F301-21R



CFC_180

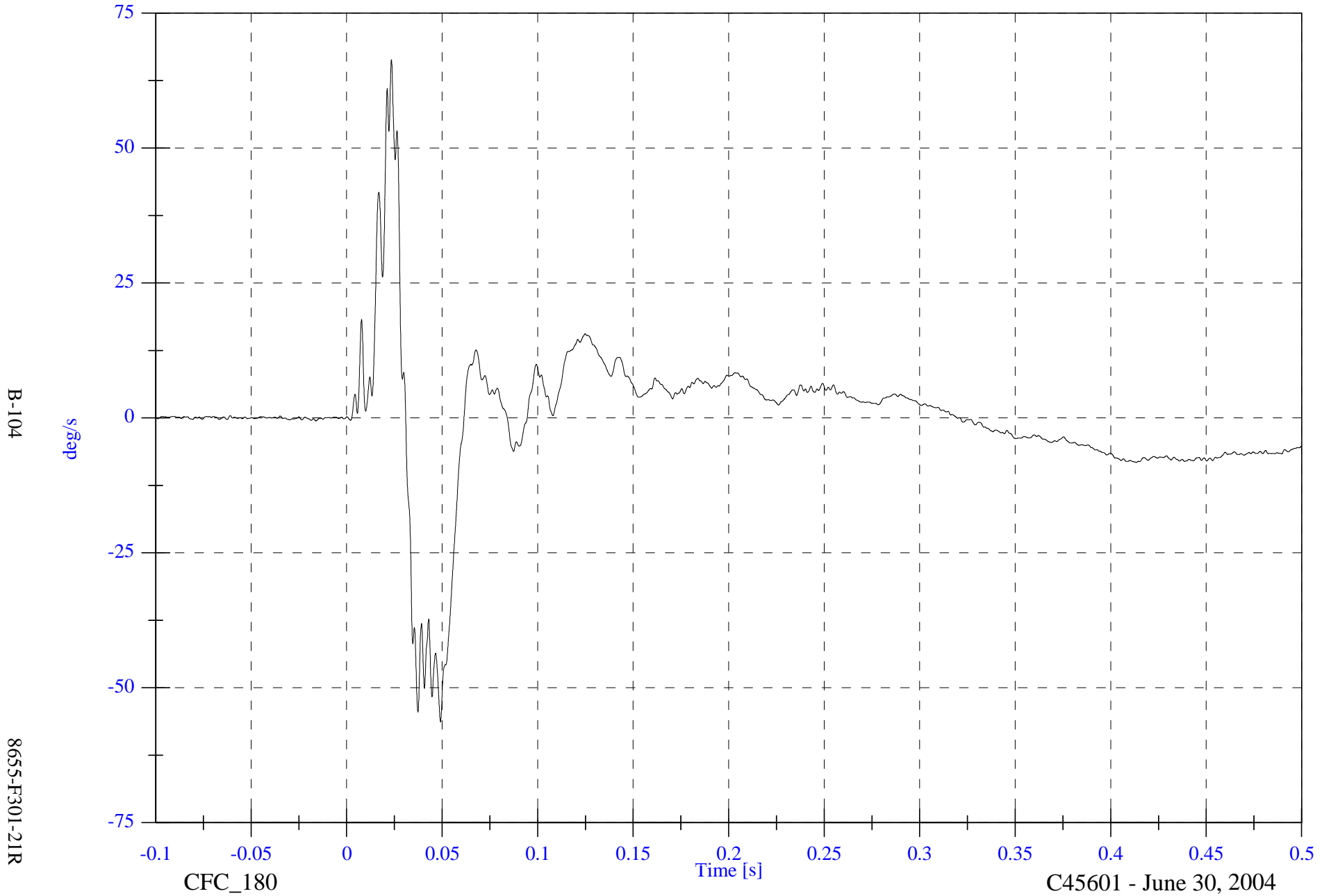
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Left Front Sill AVy

Max: 66.3 [deg/s] at 0.023 [s]

Min: -56.3 [deg/s] at 0.049 [s]



B-104

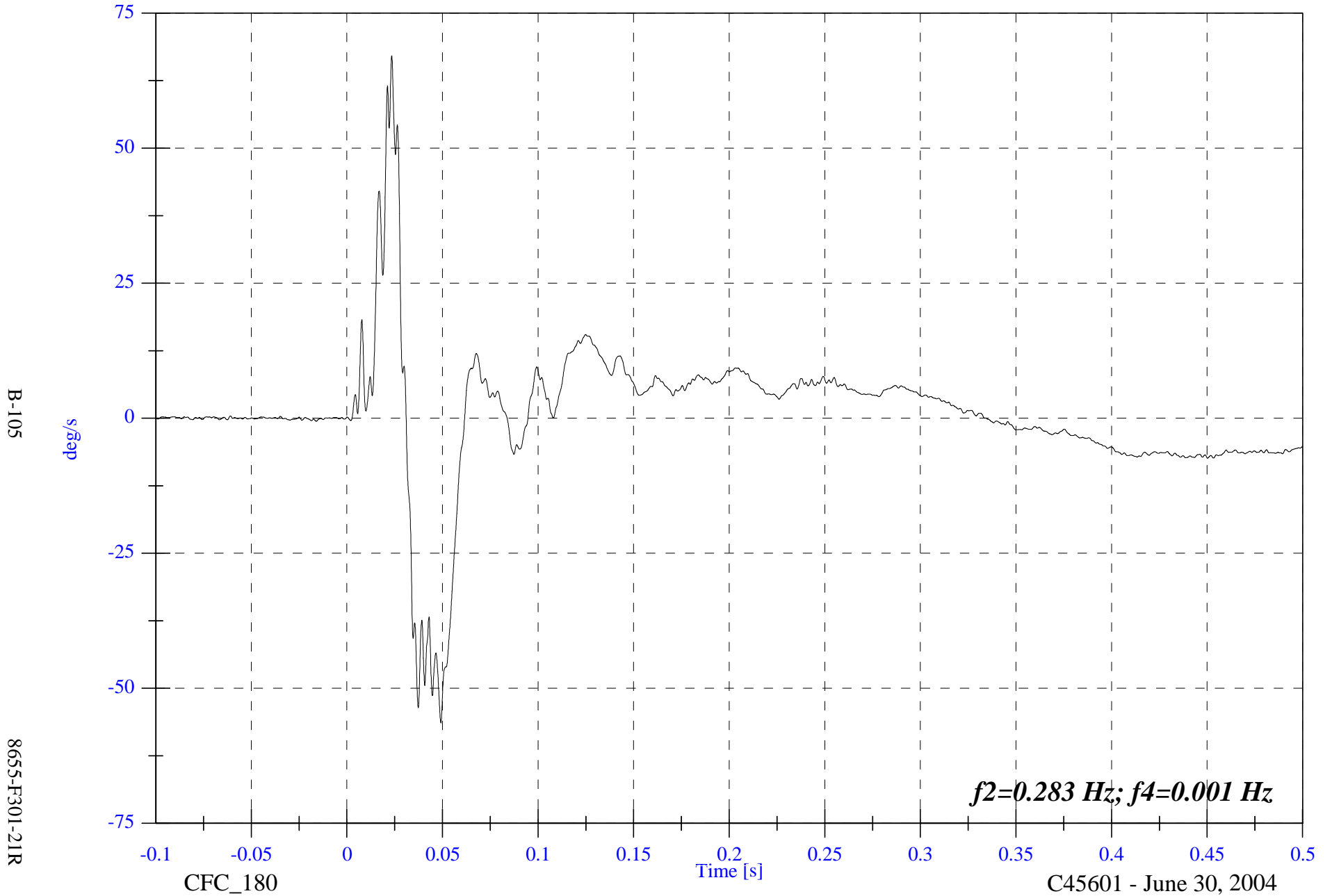
8655-F301-21R

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Left Front Sill Comp AVy

Max: 67.1 [deg/s] at 0.023 [s]

Min: -56.4 [deg/s] at 0.049 [s]

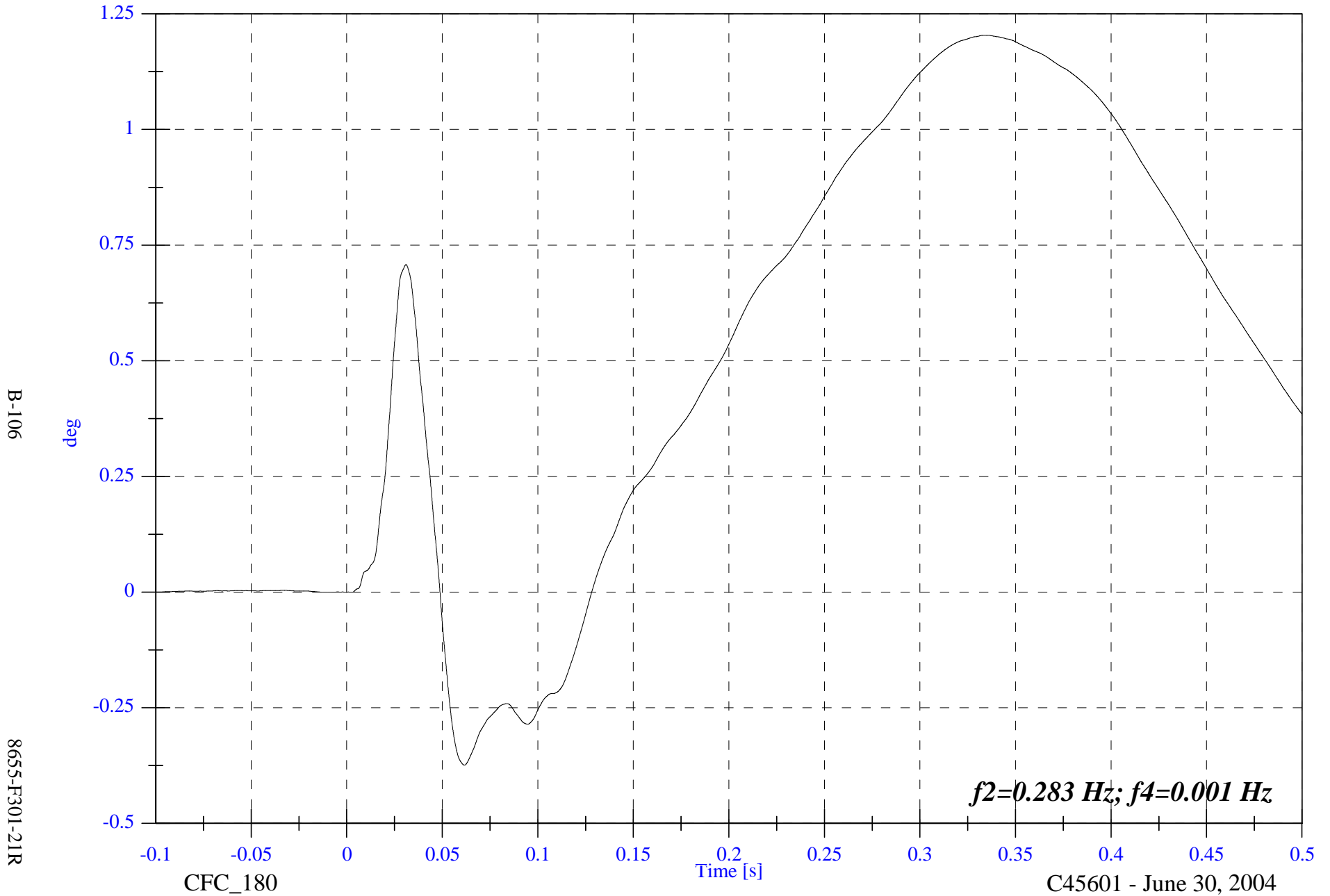


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2 Left Front Sill Comp ADy

Max: 1.2 [deg] at 0.335 [s]

Min: -0.4 [deg] at 0.062 [s]



B-106

8655-F301-21R

CFC_180

Time [s]

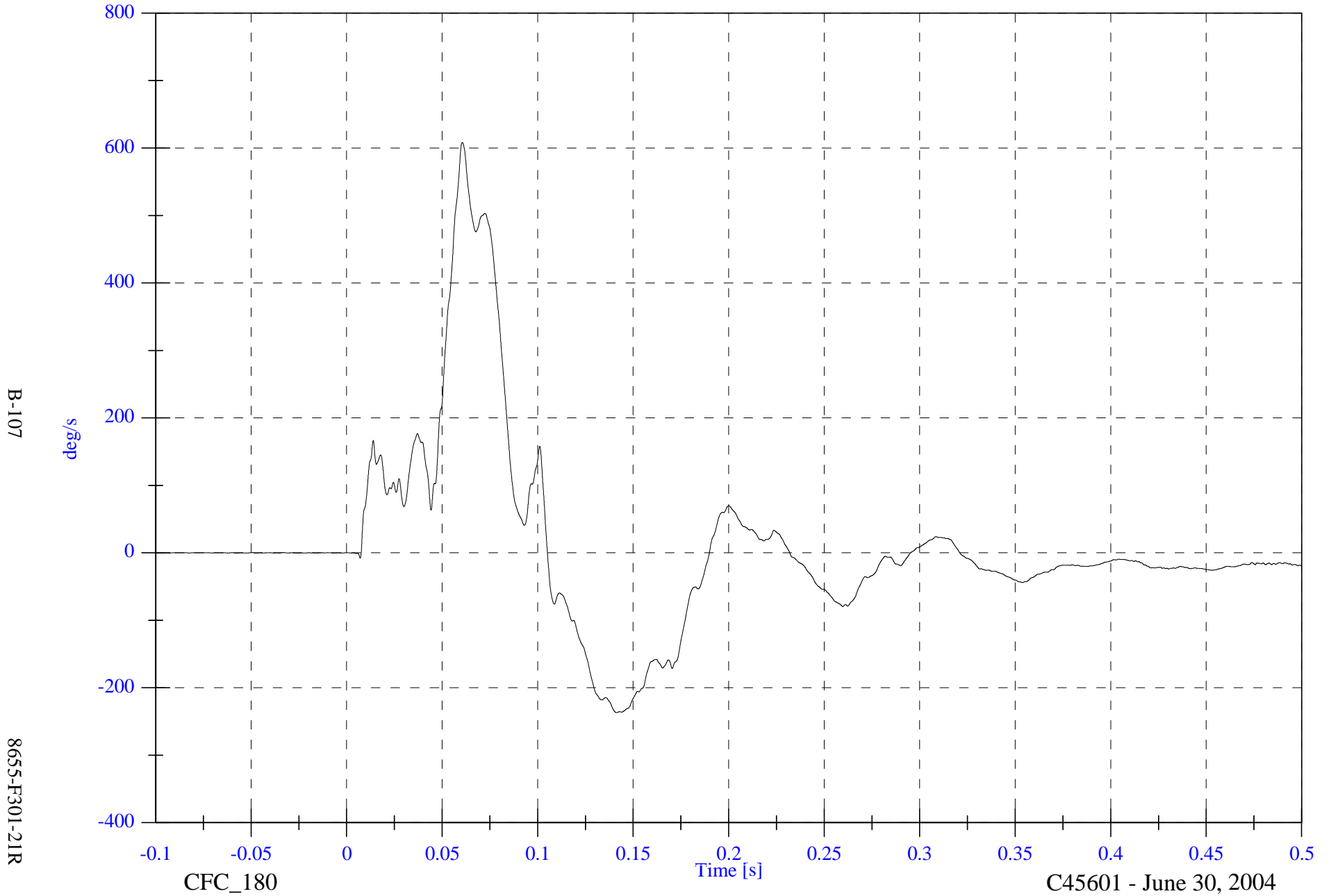
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P1 Left Seat AVy

Max: 608.3 [deg/s] at 0.061 [s]

Min: -236.9 [deg/s] at 0.141 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

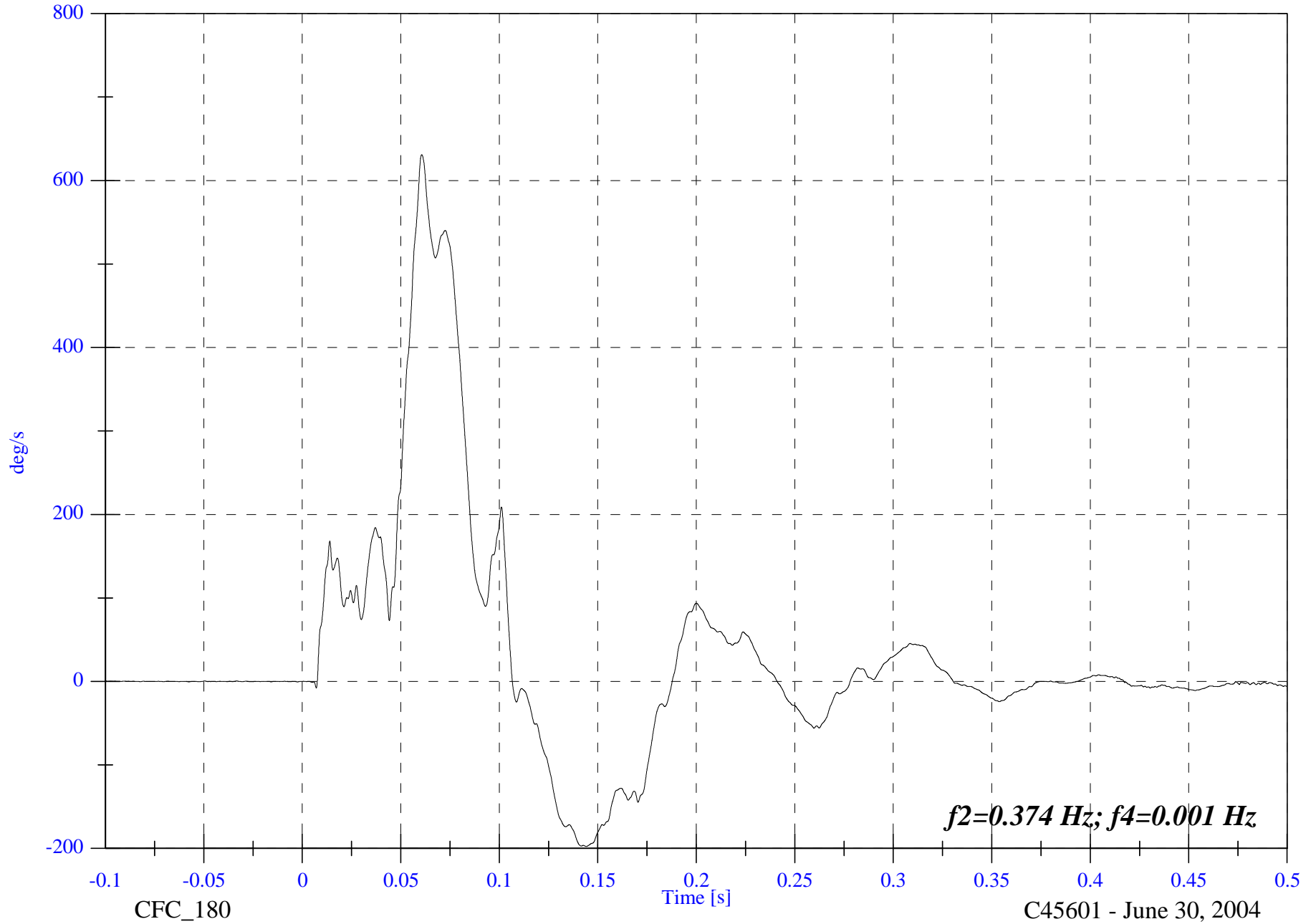
V2P1 Left Seat Comp AVy

Max: 630.9 [deg/s] at 0.061 [s]

Min: -197.7 [deg/s] at 0.144 [s]

B-108

8655-F301-21R



C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

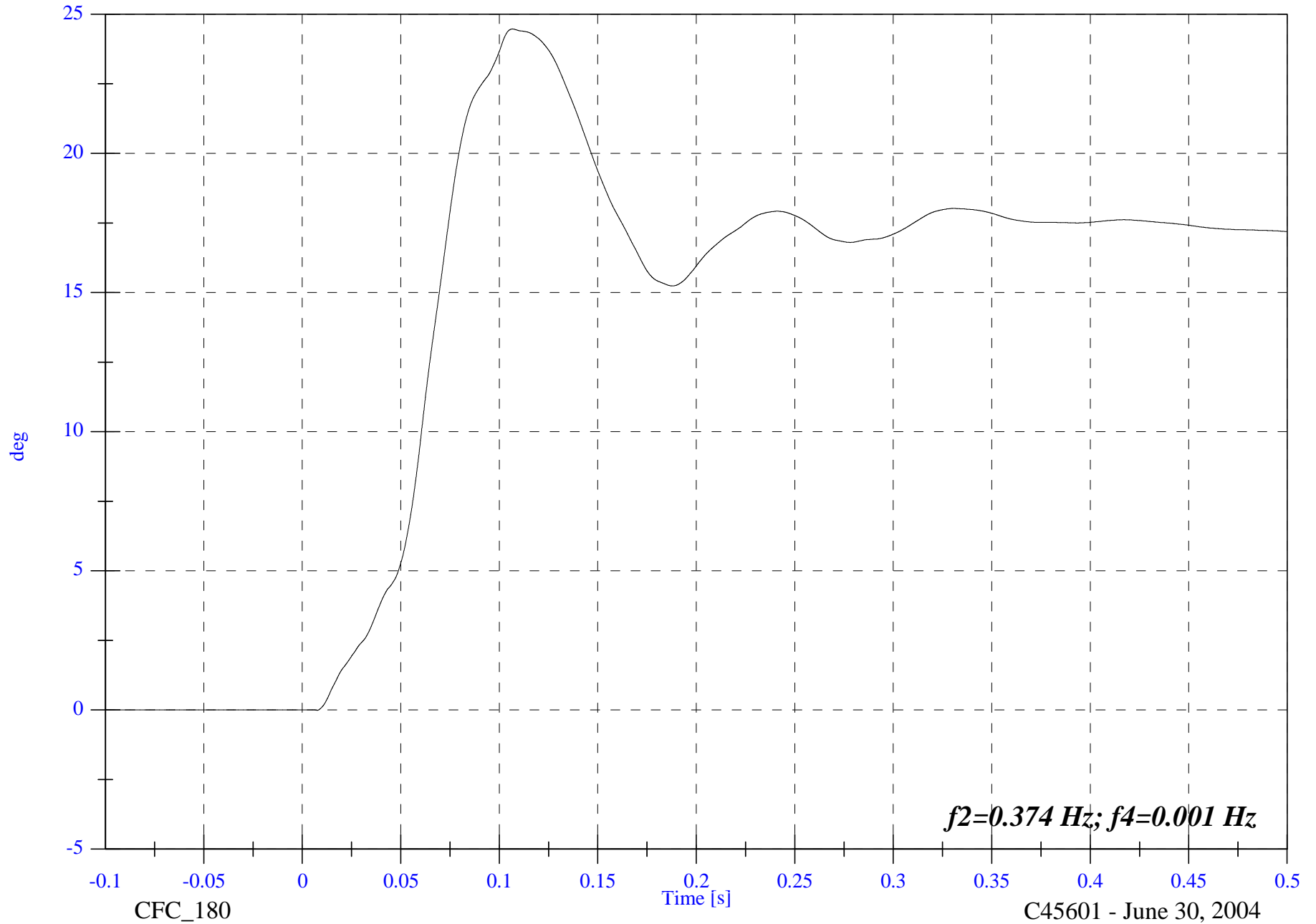
V2P1 Left Seat Comp ADy

Max: 24.5 [deg] at 0.107 [s]

Min: -0.0 [deg] at 0.008 [s]

B-109

8655-F301-21R



CFC_180

Time [s]

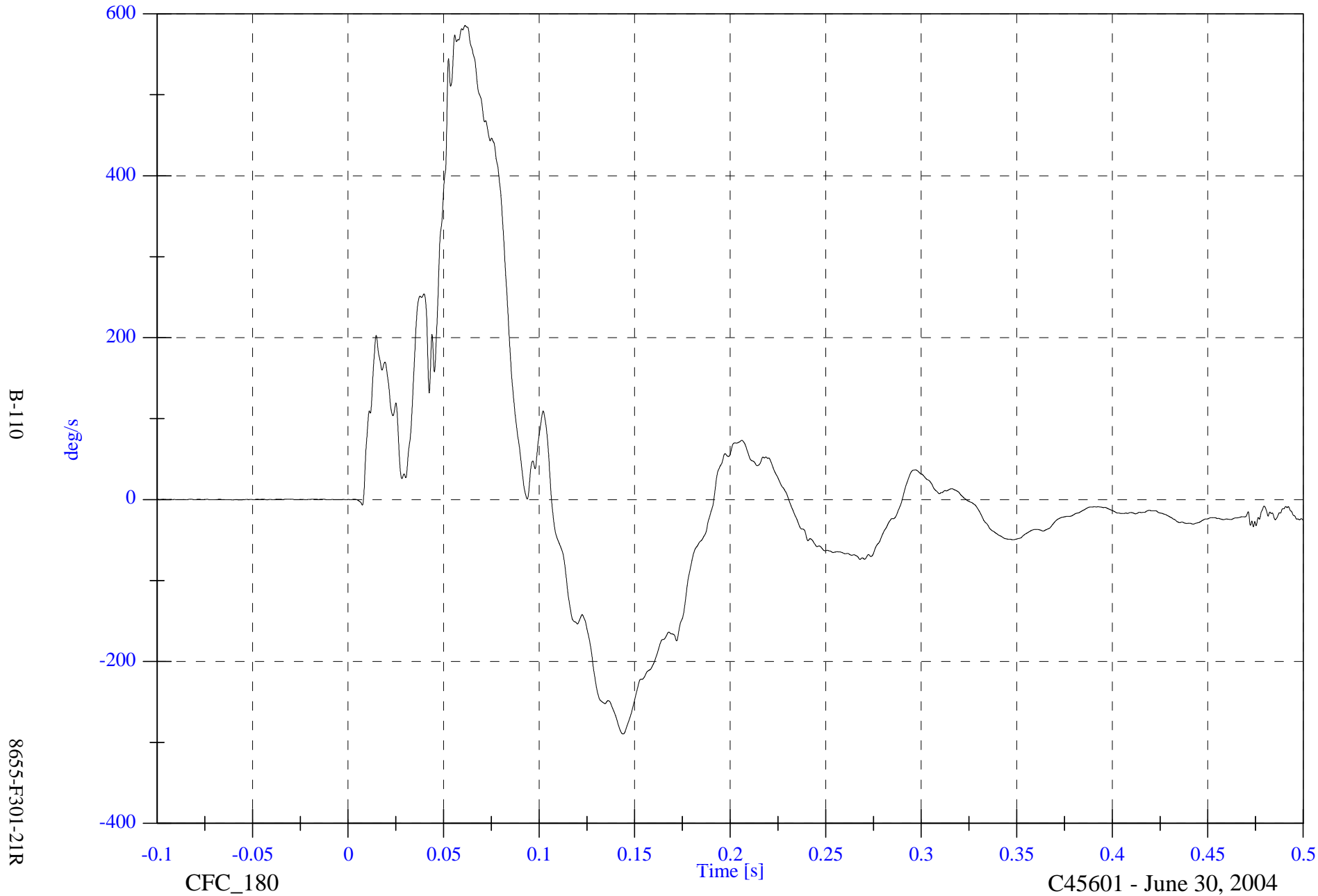
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P1 Right Seat AVy

Max: 585.7 [deg/s] at 0.061 [s]

Min: -289.6 [deg/s] at 0.144 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

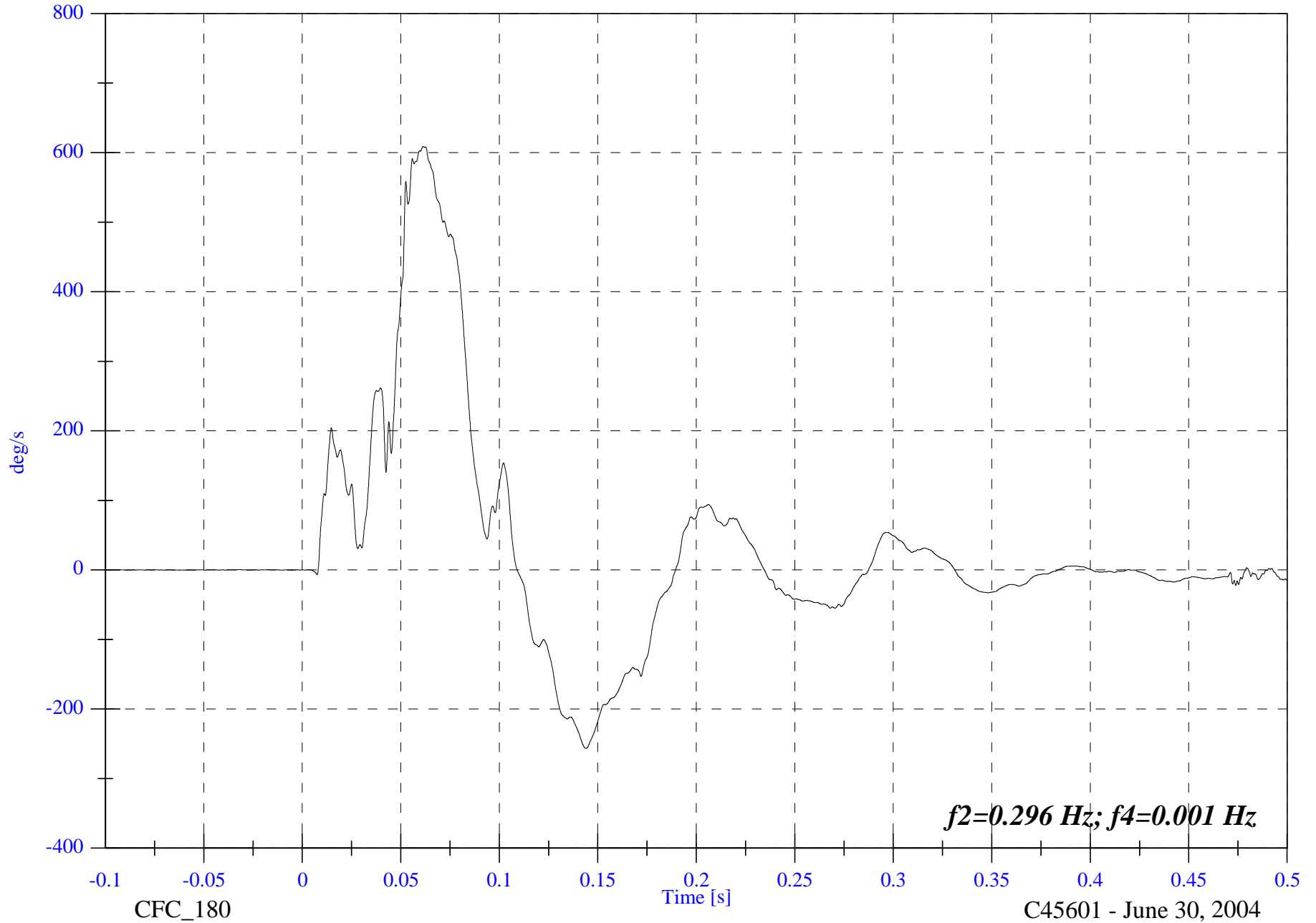
V2P1 Right Seat Comp AVy

Max: 608.8 [deg/s] at 0.061 [s]

Min: -256.4 [deg/s] at 0.144 [s]

B-111

8655-F301-21R



C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

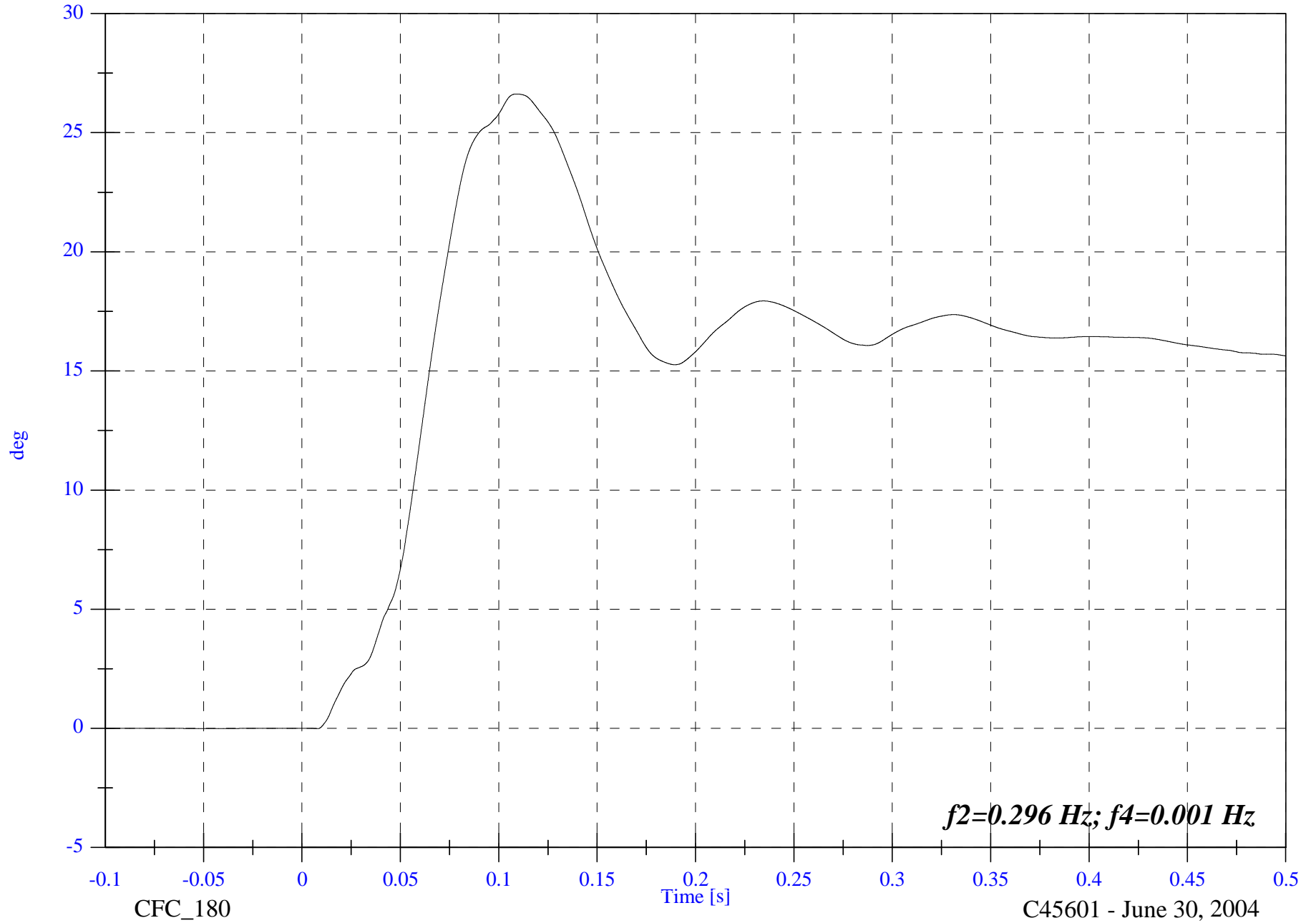
V2P1 Right Seat Comp ADy

Max: 26.6 [deg] at 0.109 [s]

Min: -0.0 [deg] at 0.008 [s]

B-112

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

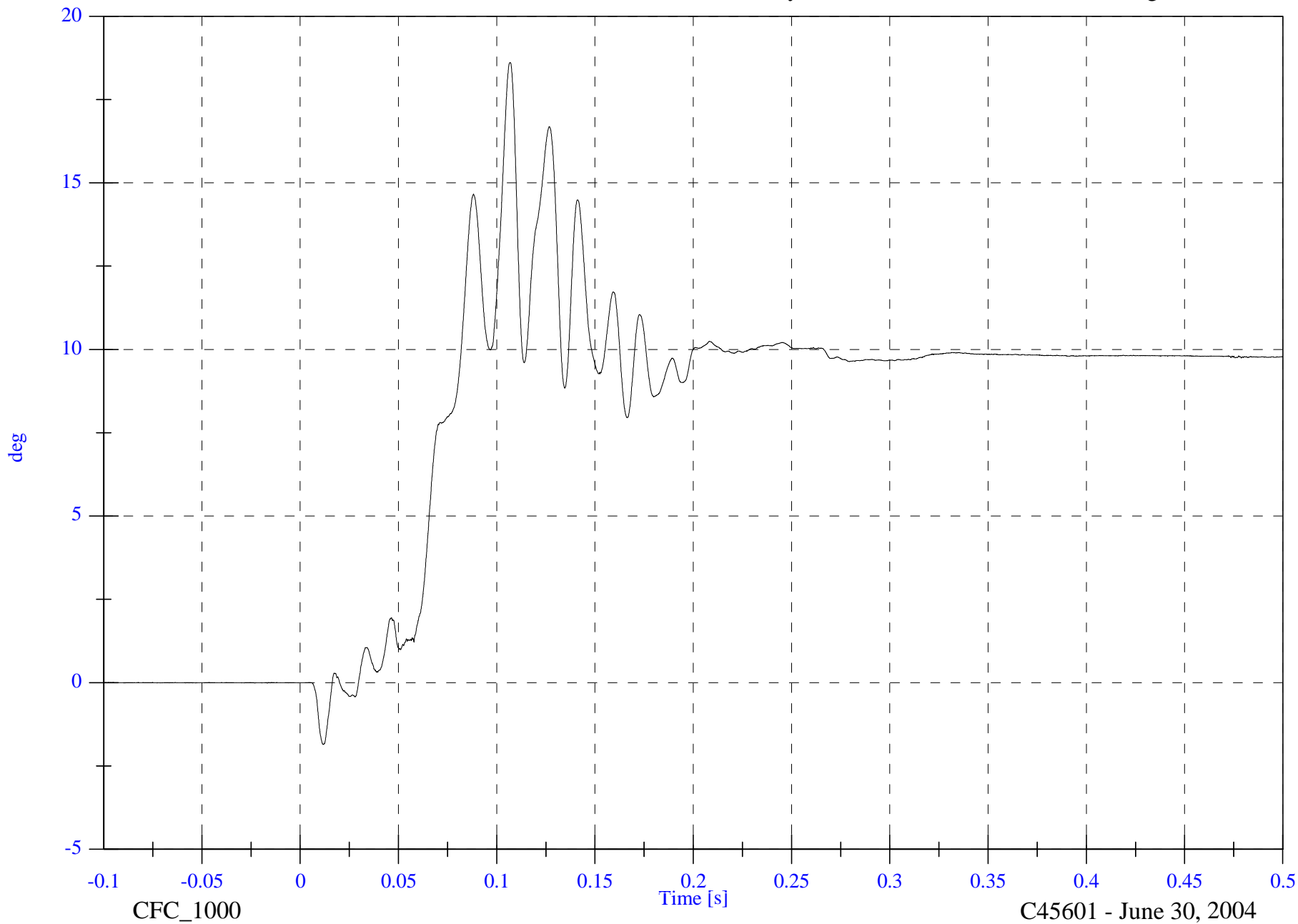
V2P1 Left Link ADy

Max: 18.6 [deg] at 0.107 [s]

Min: -1.9 [deg] at 0.012 [s]

B-113

8655-F301-21R



CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

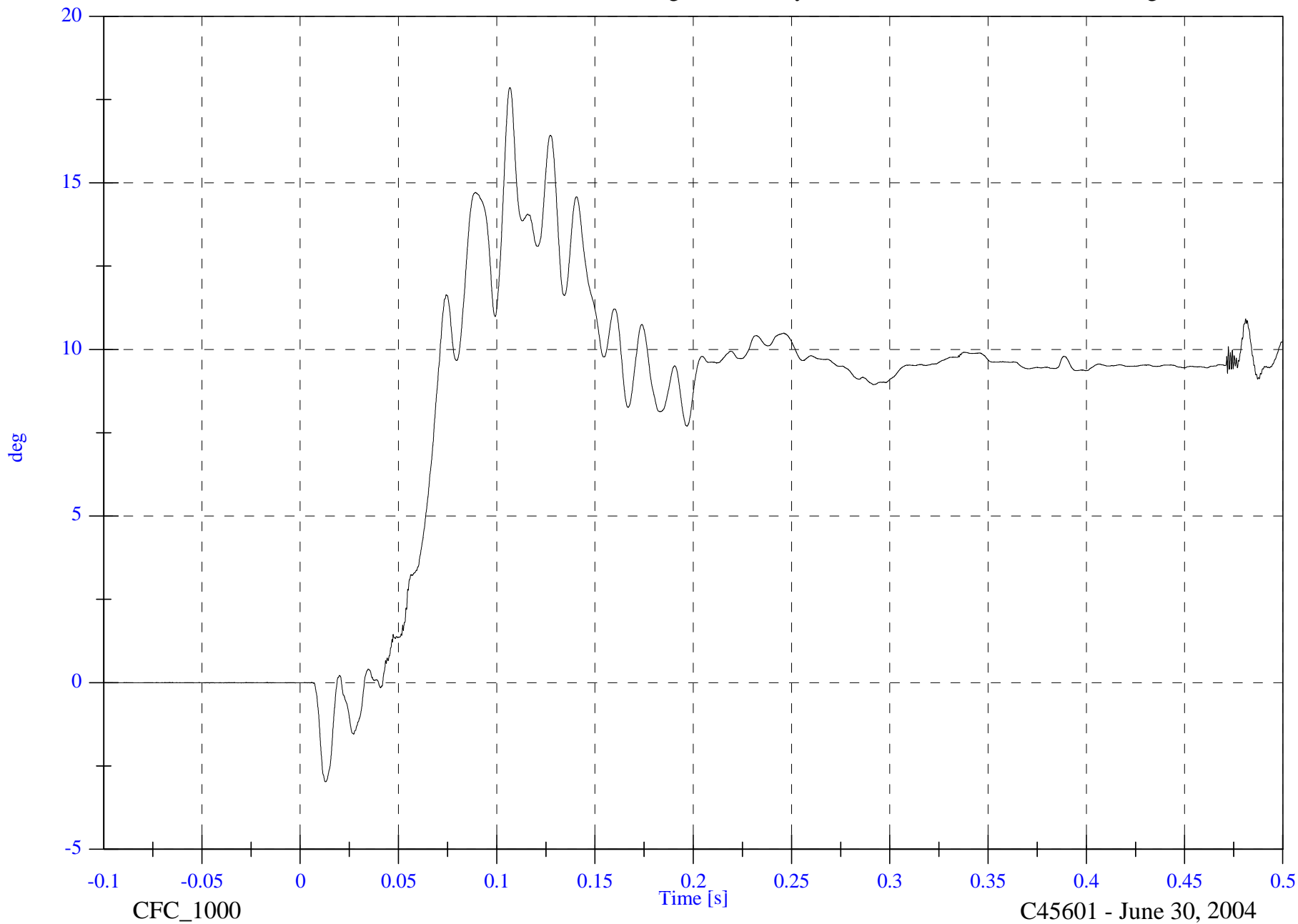
V2P1 Right Link ADy

Max: 17.9 [deg] at 0.107 [s]

Min: -3.0 [deg] at 0.013 [s]

B-114

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

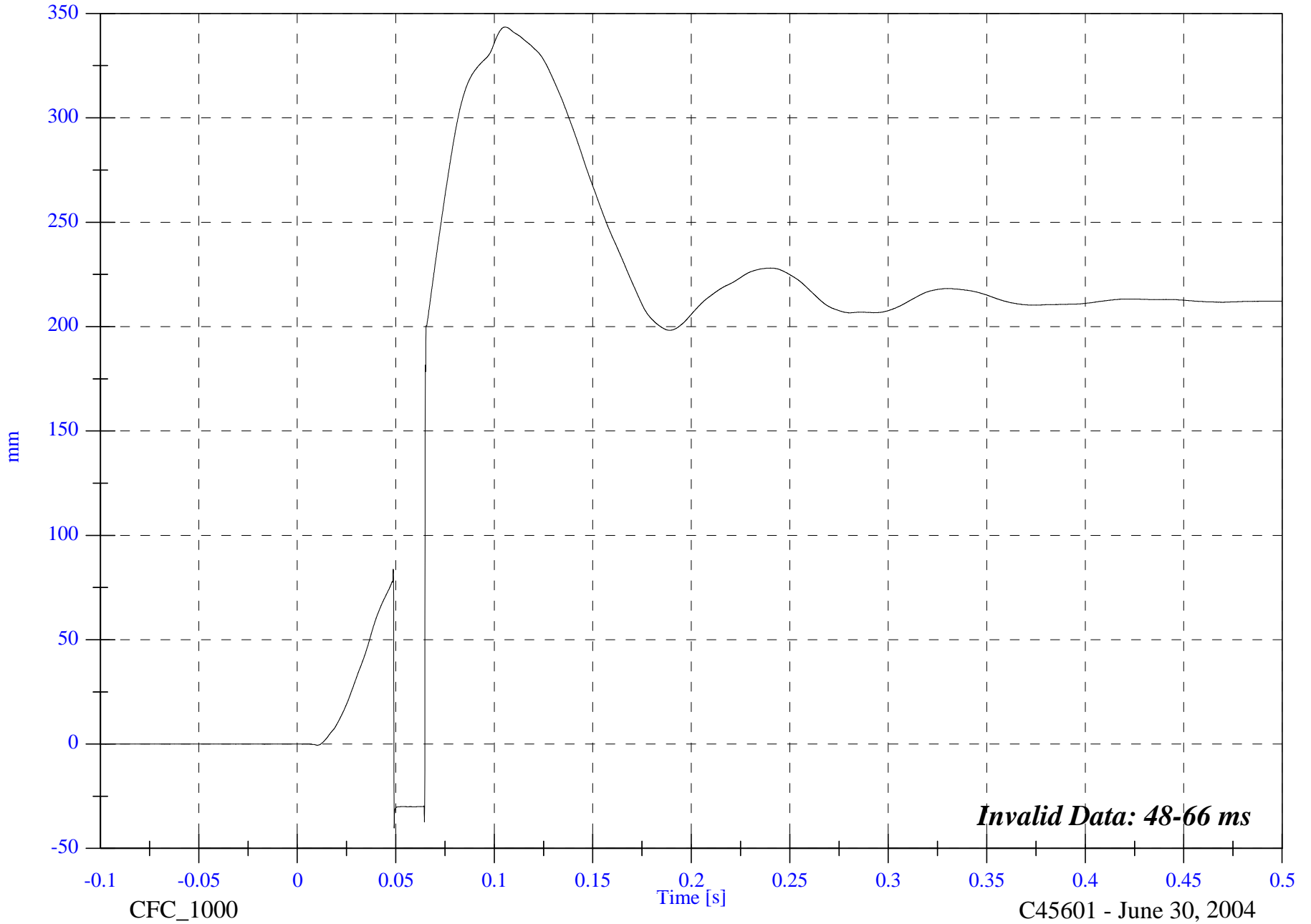
V2P1 Left Span Bar D

Max: 343.5 [mm] at 0.105 [s]

Min: -40.3 [mm] at 0.049 [s]

B-115

8655-F301-21R

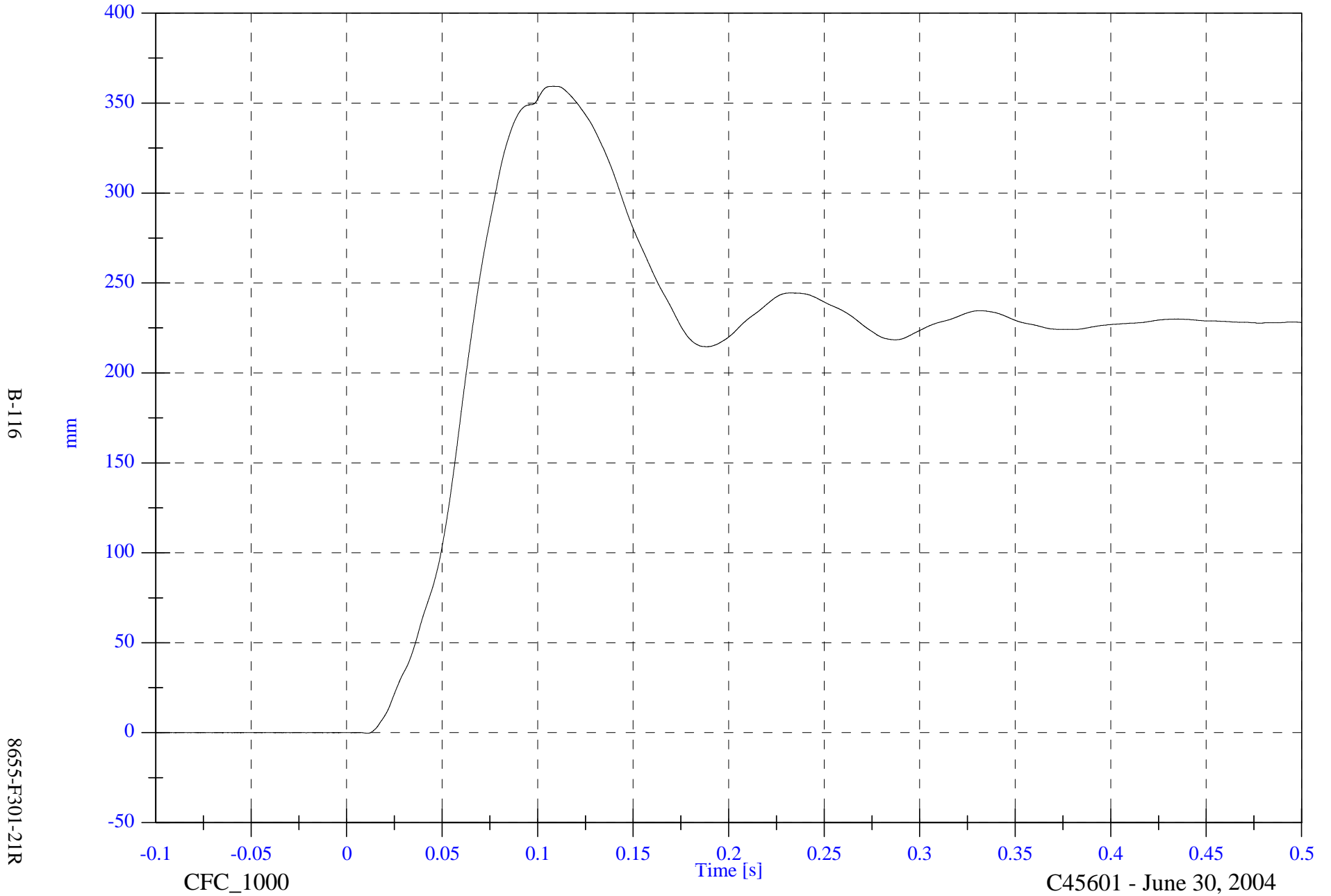


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

Max: 359.4 [mm] at 0.108 [s]

V2P1 Right Span Bar D

Min: -0.3 [mm] at 0.011 [s]



B-116

8655-F301-21R

CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

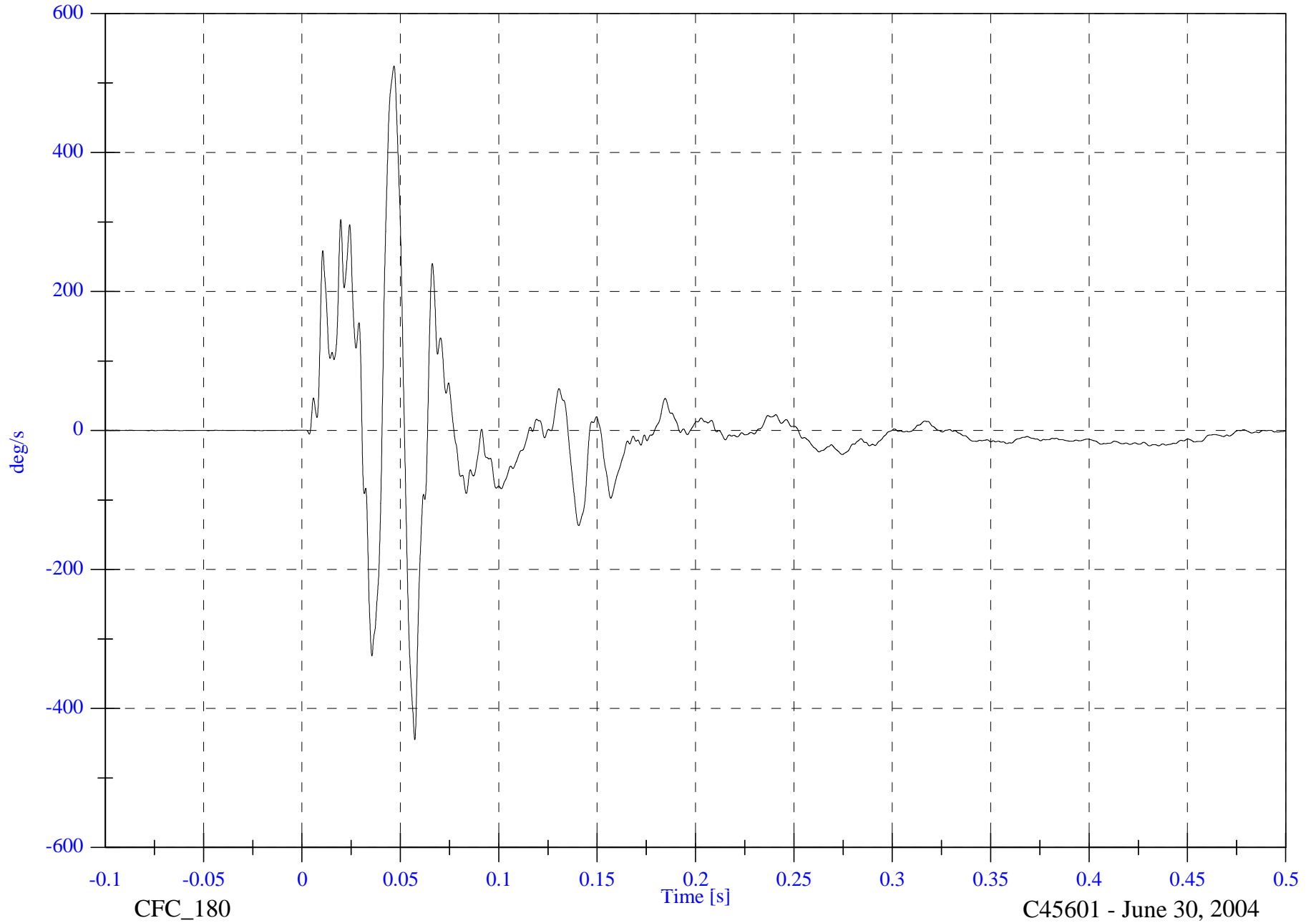
V2P3 Left Seat AVy

Max: 524.6 [deg/s] at 0.047 [s]

Min: -445.2 [deg/s] at 0.057 [s]

B-117

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

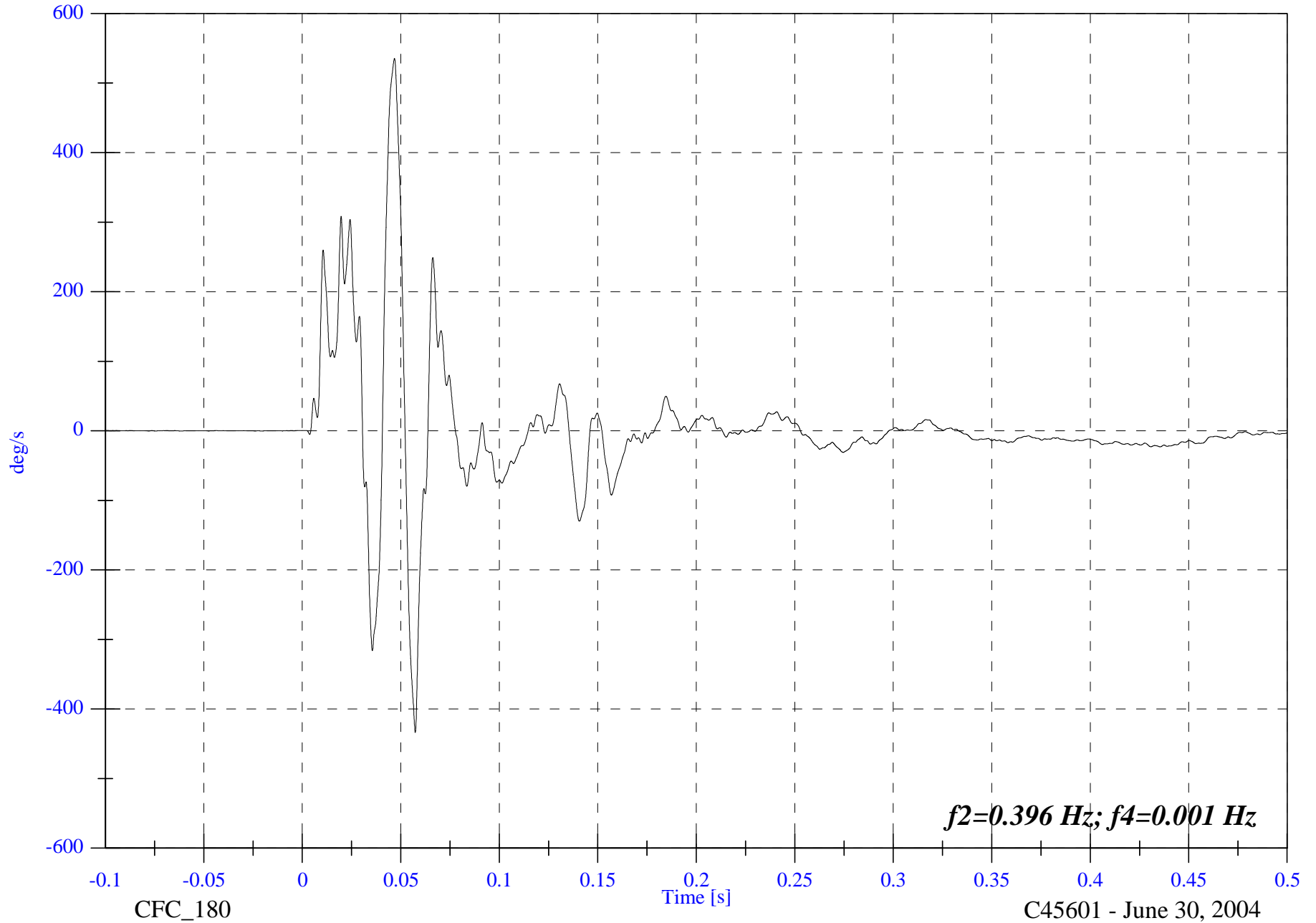
V2P3 Left Seat Comp AVy

Max: 535.4 [deg/s] at 0.047 [s]

Min: -434.0 [deg/s] at 0.057 [s]

B-118

8655-F301-21R



C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Left Seat Comp ADy

Max: 6.3 [deg] at 0.052 [s]

Min: -0.0 [deg] at 0.004 [s]

B-119

8655-F301-21R

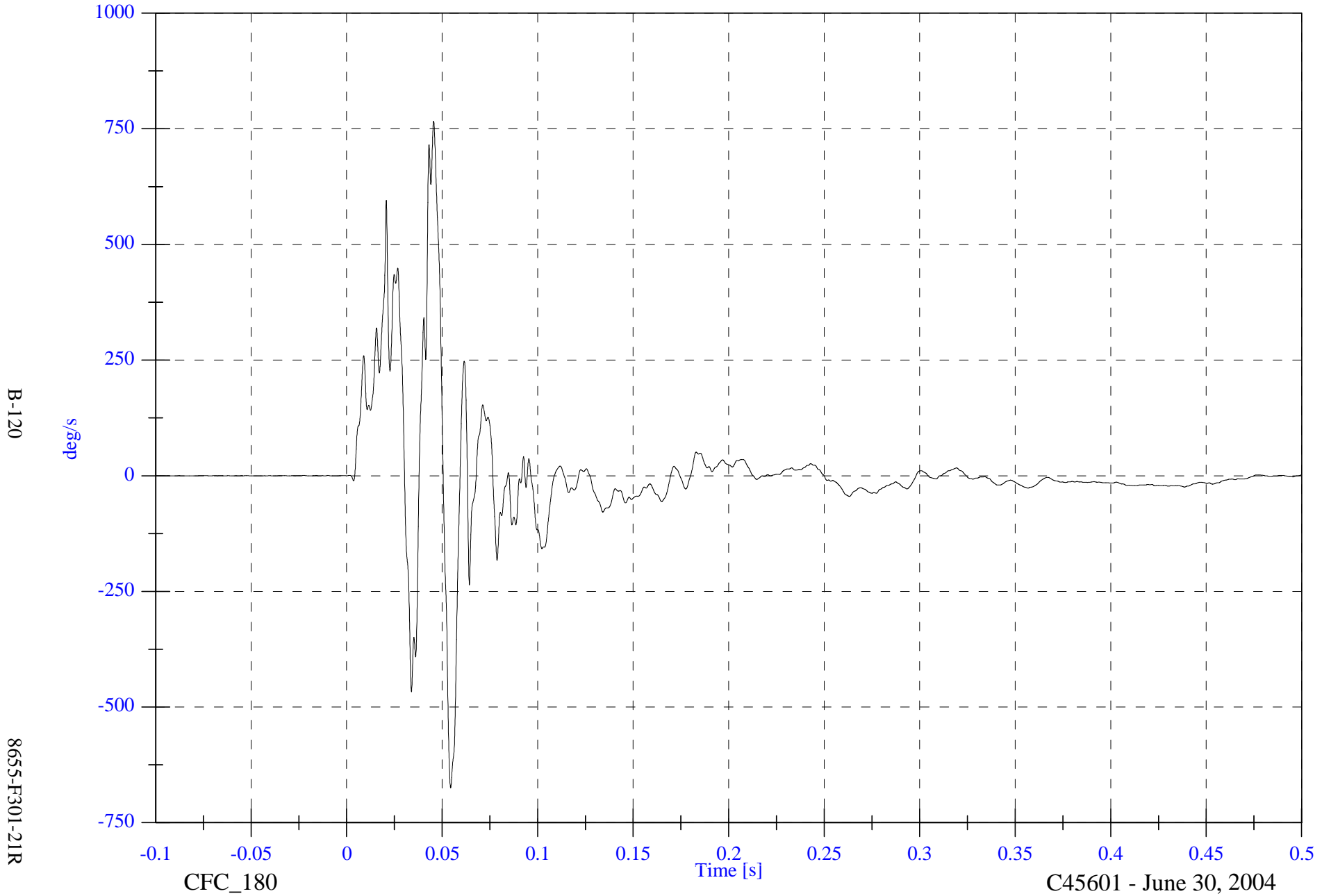


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Right Seat AVy

Max: 766.3 [deg/s] at 0.045 [s]

Min: -675.0 [deg/s] at 0.054 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

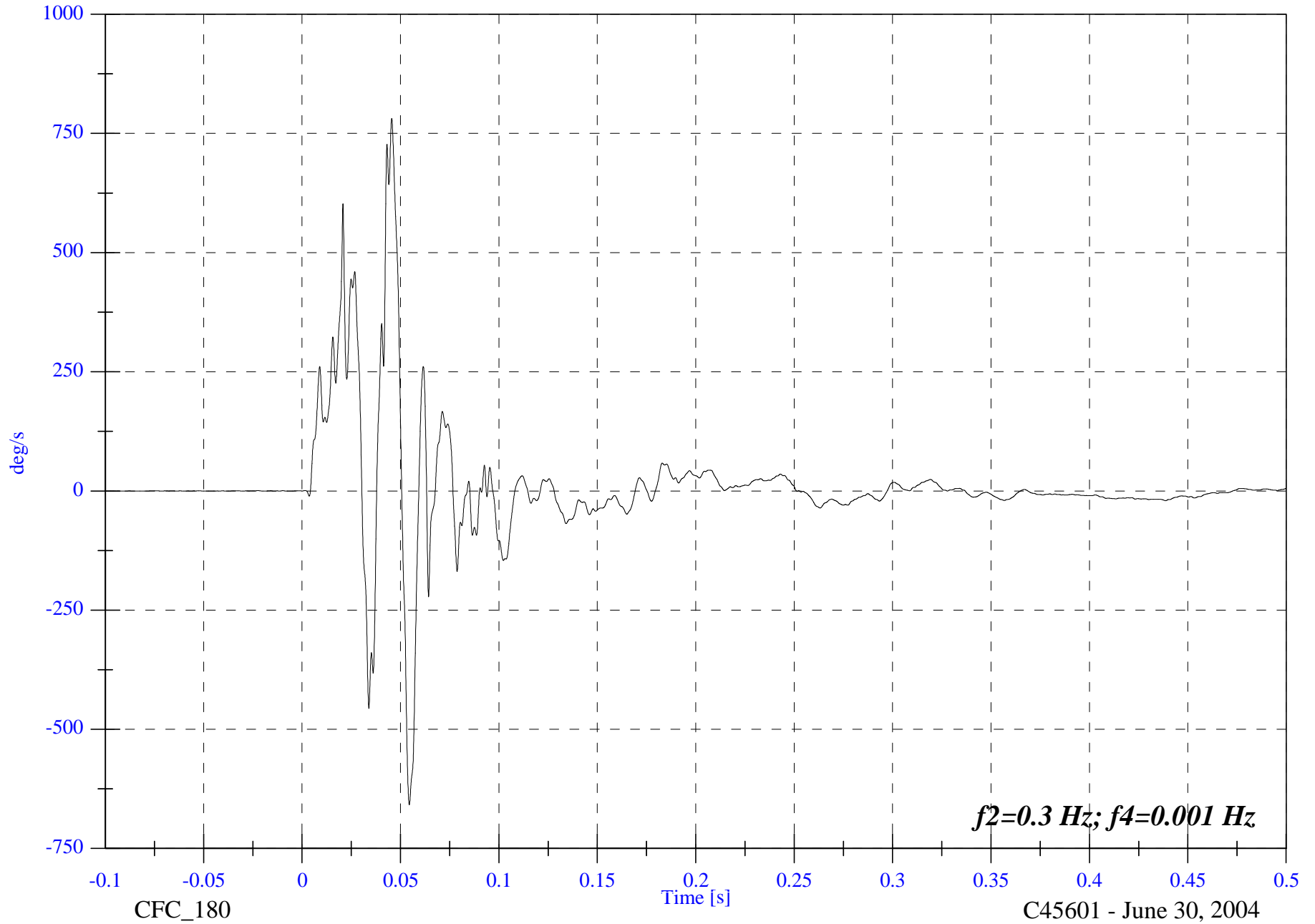
V2P3 Right Seat Comp AVy

Max: 781.2 [deg/s] at 0.045 [s]

Min: -658.5 [deg/s] at 0.054 [s]

B-121

8655-F301-21R

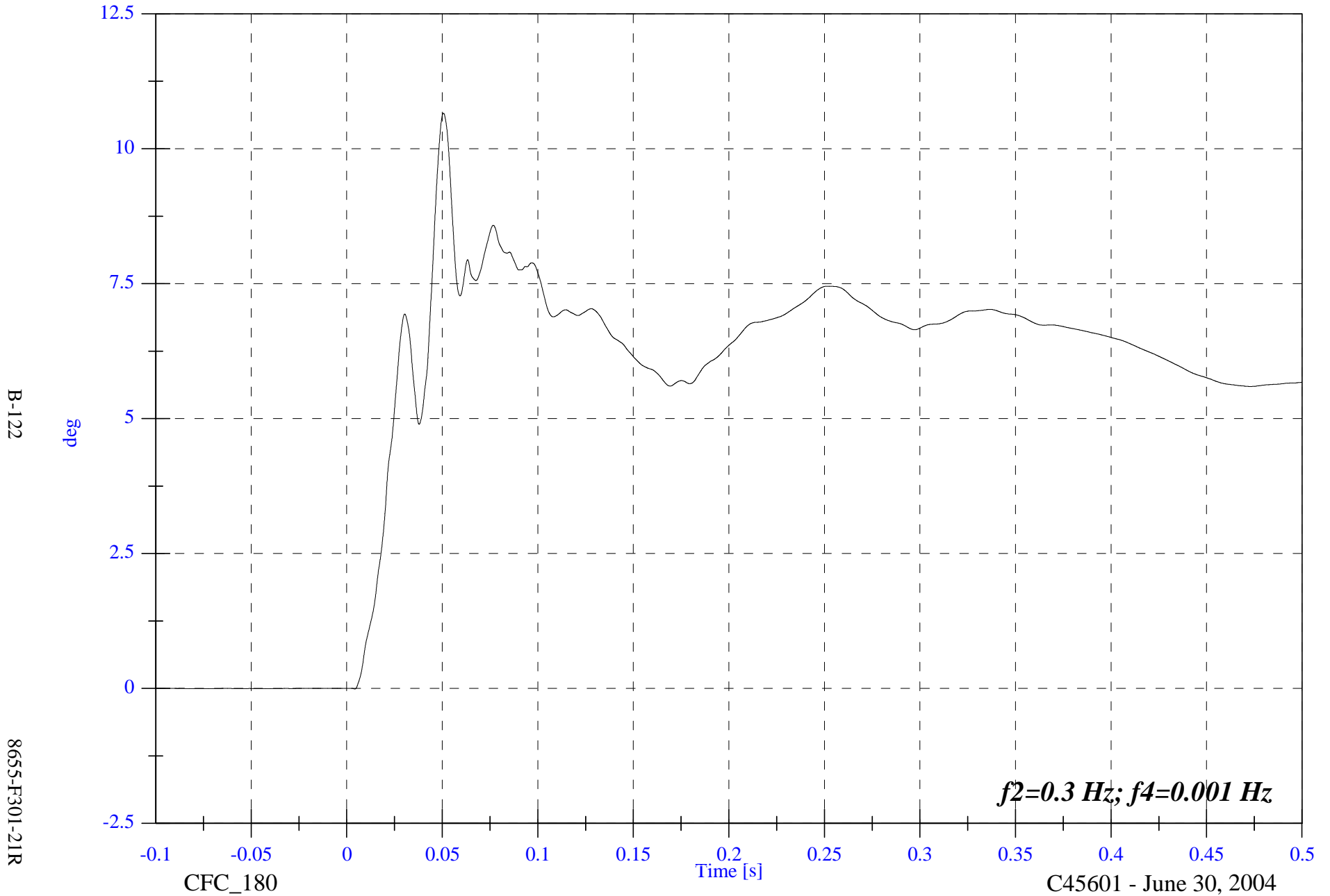


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

V2P3 Right Seat Comp ADy

Max: 10.7 [deg] at 0.051 [s]

Min: -0.0 [deg] at 0.004 [s]



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

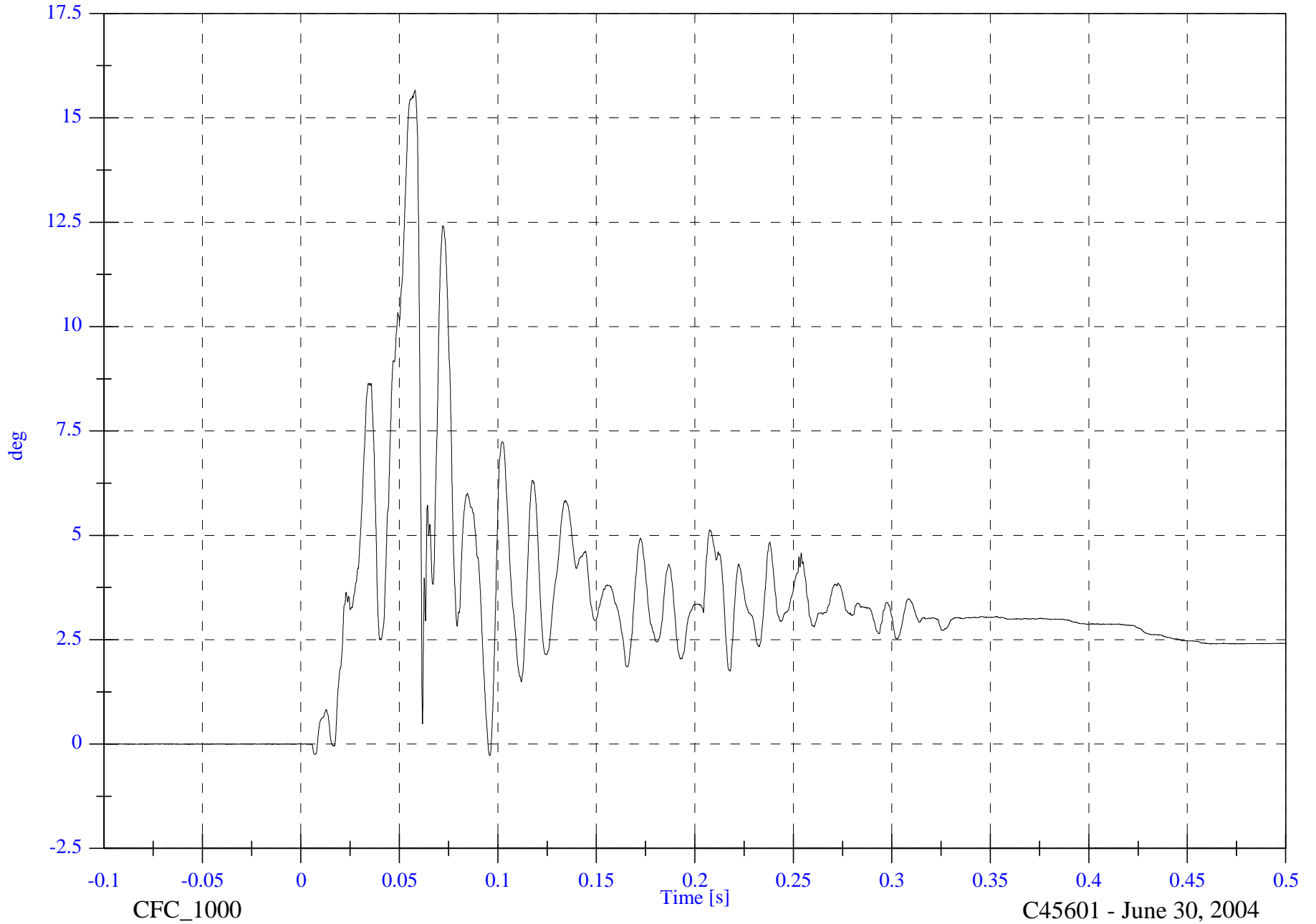
V2P3 Left Link ADy

Max: 15.7 [deg] at 0.058 [s]

Min: -0.3 [deg] at 0.096 [s]

B-123

8655-F301-21R



C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

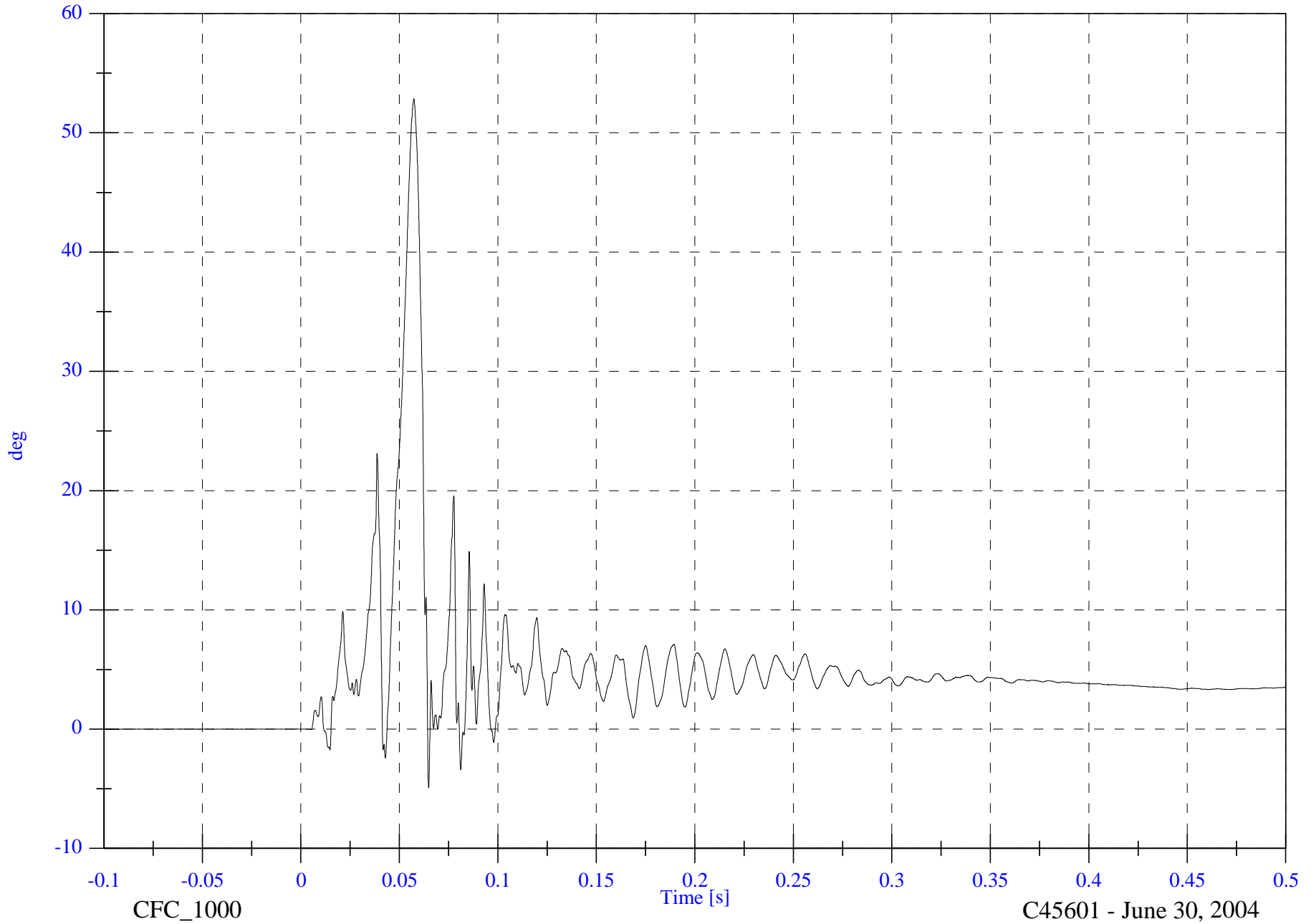
V2P3 Right Link ADy

Max: 52.8 [deg] at 0.057 [s]

Min: -4.9 [deg] at 0.065 [s]

B-124

8655-F301-21R



CFC_1000

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

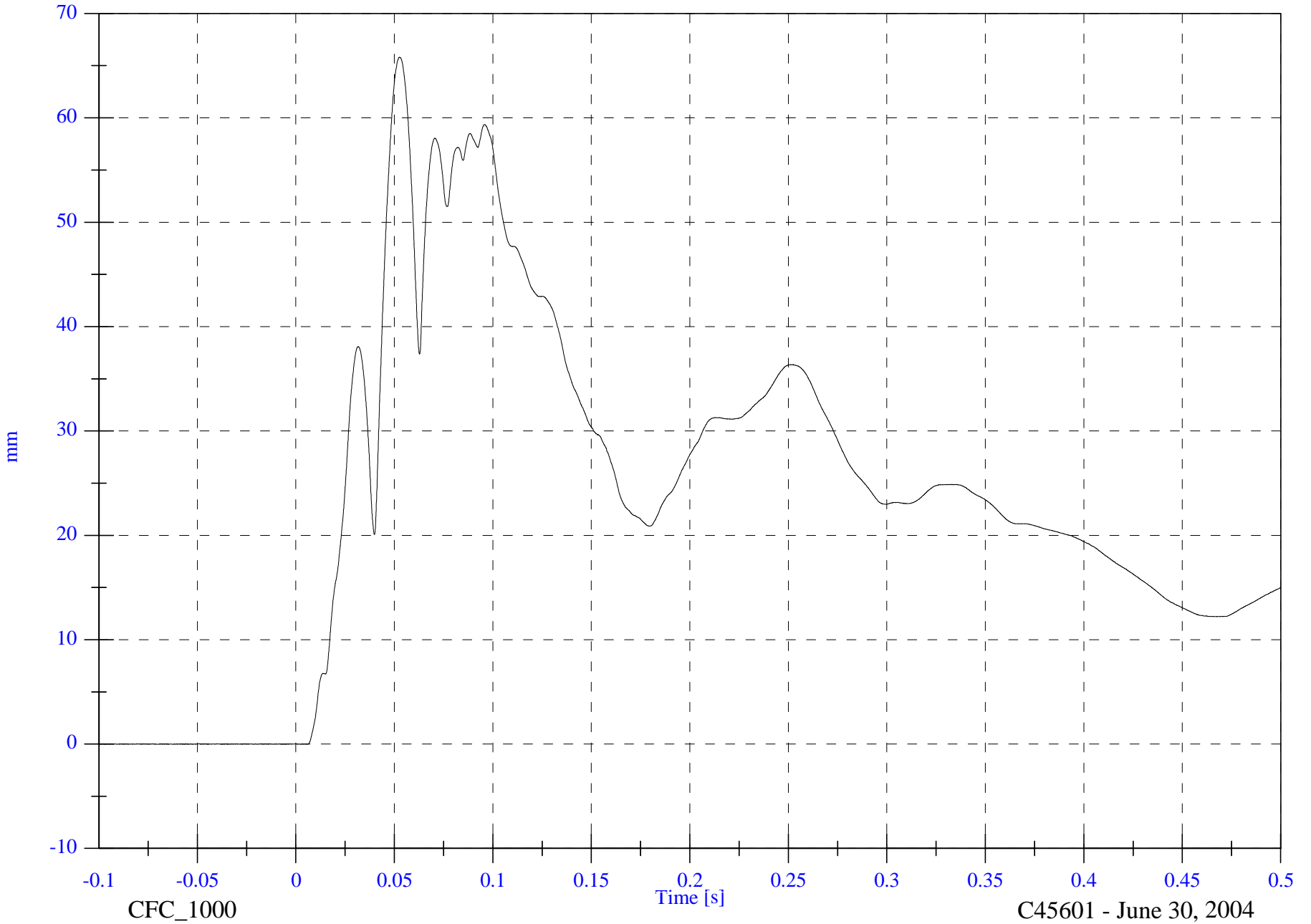
V2P3 Left Span Bar D

Max: 65.8 [mm] at 0.053 [s]

Min: -0.0 [mm] at -0.075 [s]

B-125

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

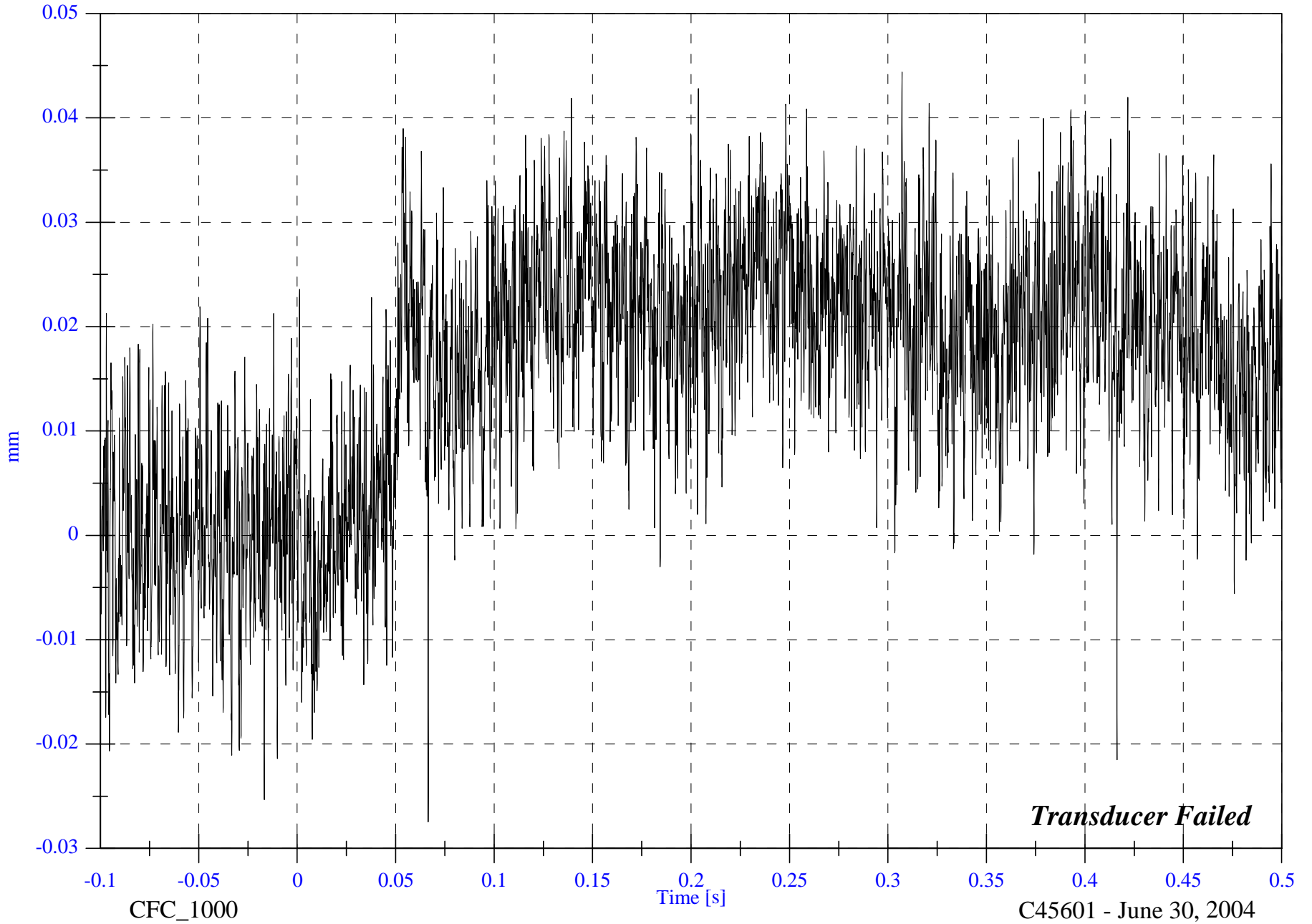
V2P3 Right Span Bar D

Max: 0.0 [mm] at 0.500 [s]

Min: -0.0 [mm] at 0.067 [s]

B-126

8655-F301-21R



2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

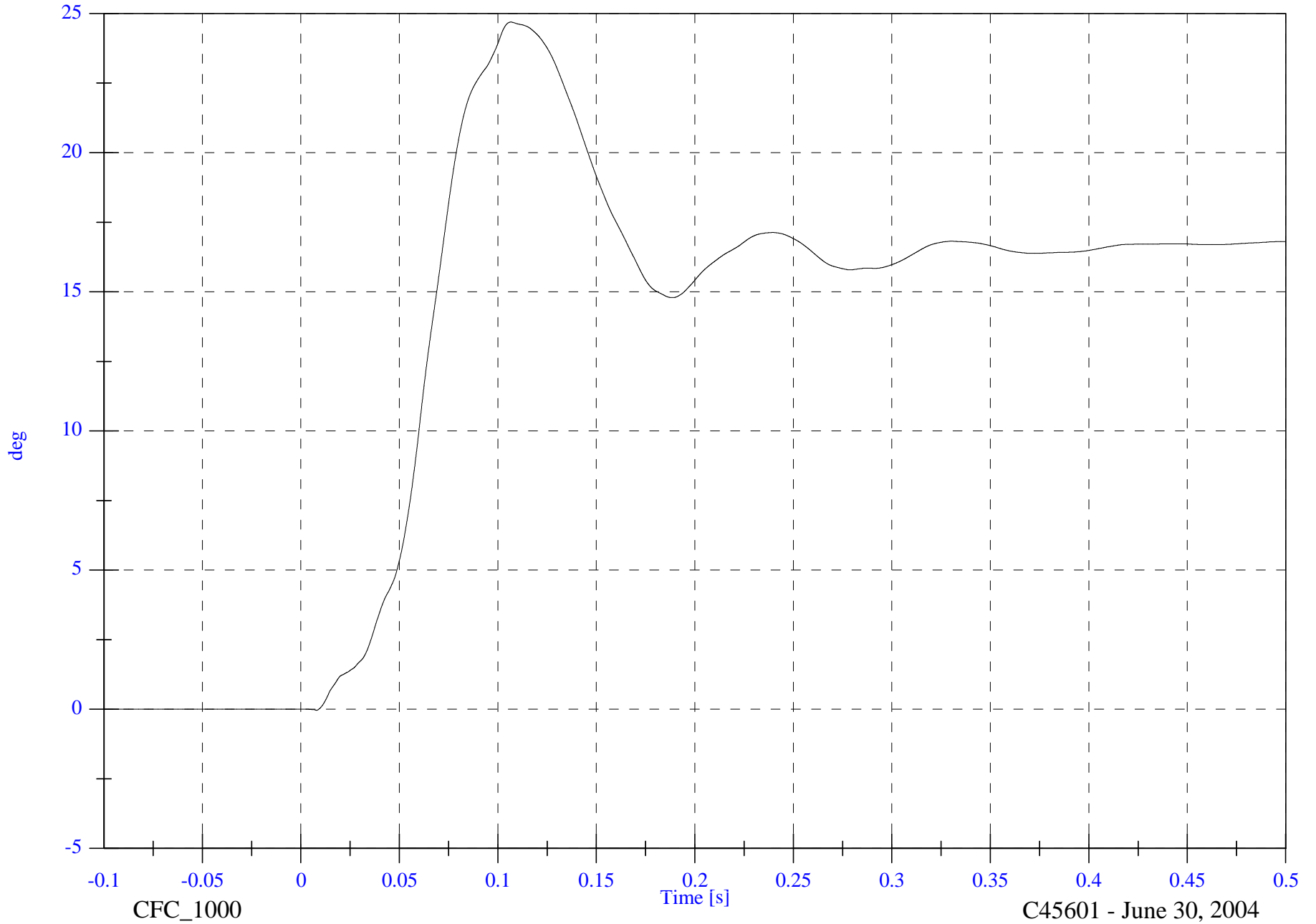
P1 Left Change in Seat Back Angle WRT Sill

Max: 24.7 [deg] at 0.107 [s]

Min: -0.0 [deg] at 0.008 [s]

B-127

8655-F301-21R

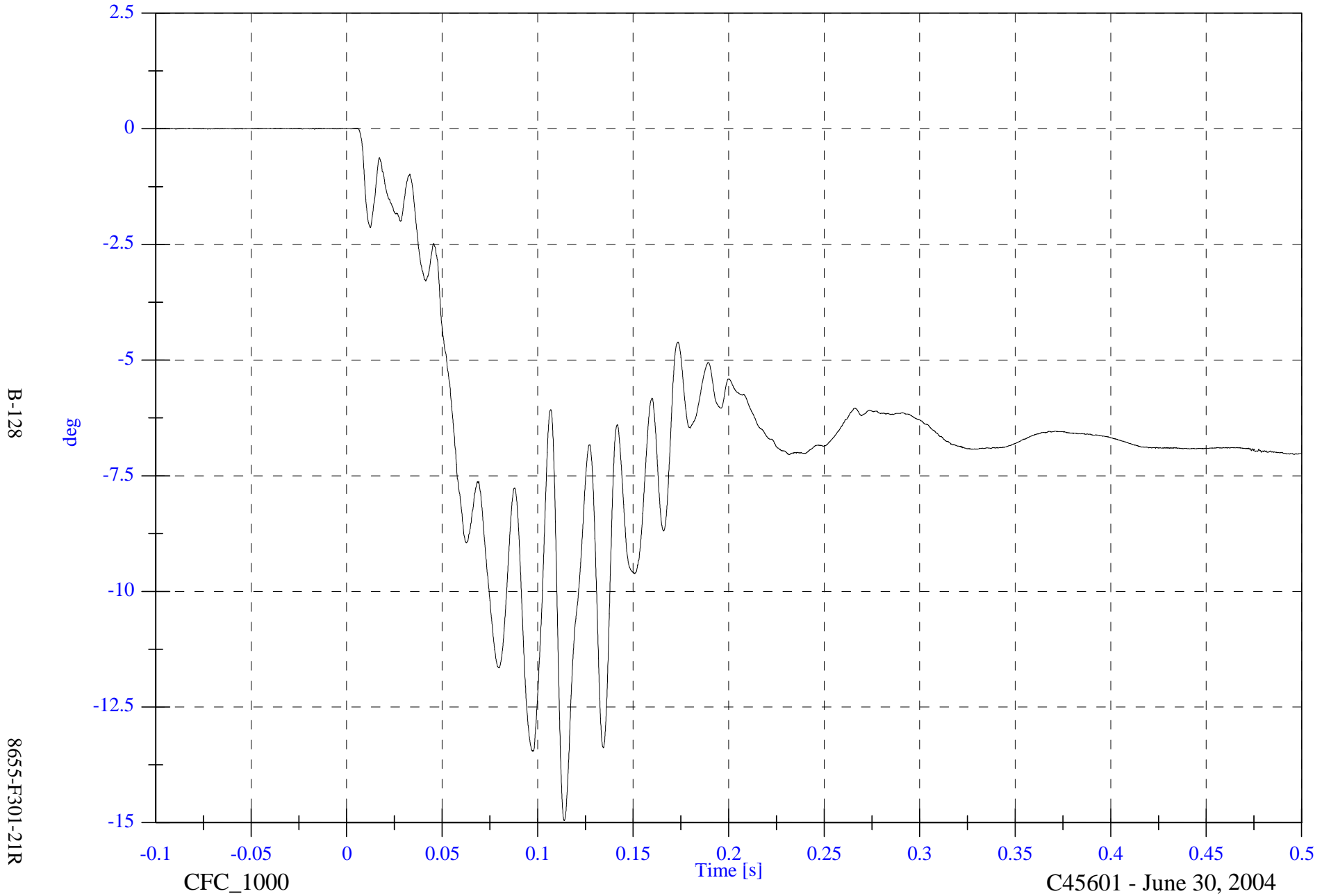


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

P1 Left Change in String Angle

Max: 0.0 [deg] at 0.005 [s]

Min: -15.0 [deg] at 0.114 [s]



B-128

8655-F301-21R

CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

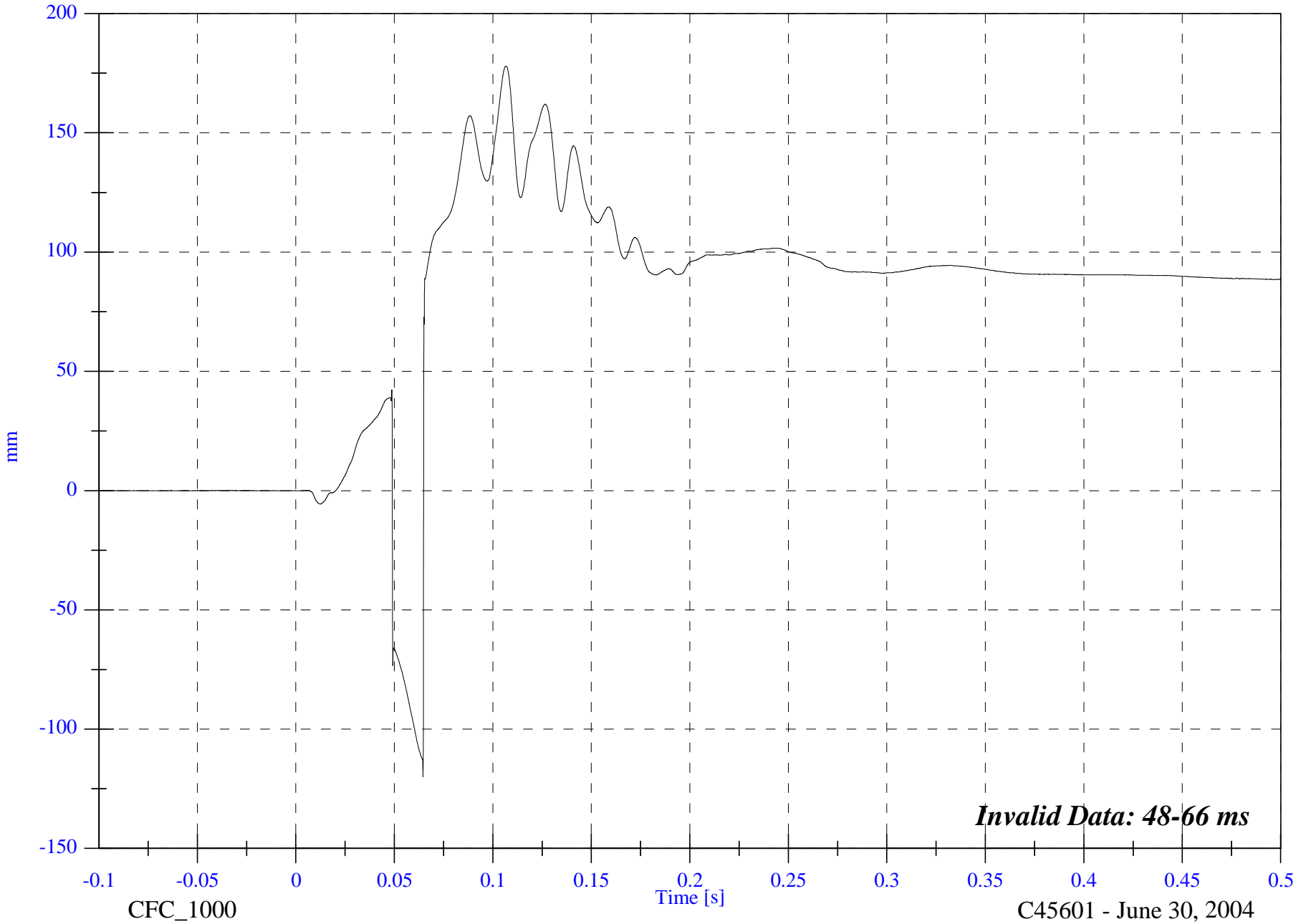
P1 Left Seat X Displacement

Max: 177.9 [mm] at 0.107 [s]

Min: -120.0 [mm] at 0.065 [s]

B-129

8655-F301-21R

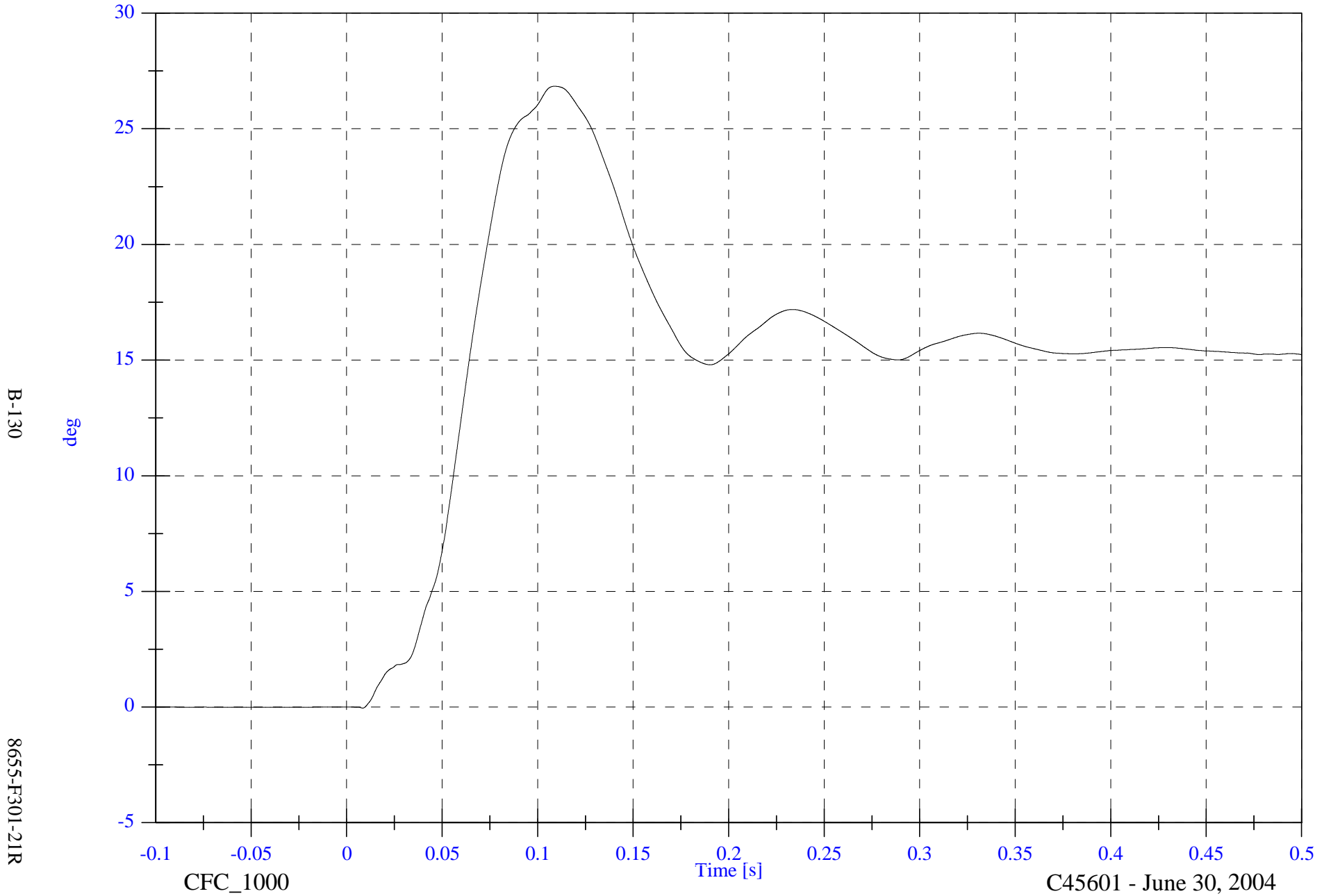


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

P1 Right Change in Seat Back Angle WRT Sill

Max: 26.8 [deg] at 0.109 [s]

Min: -0.0 [deg] at 0.008 [s]



B-130

8655-F301-21R

CFC_1000

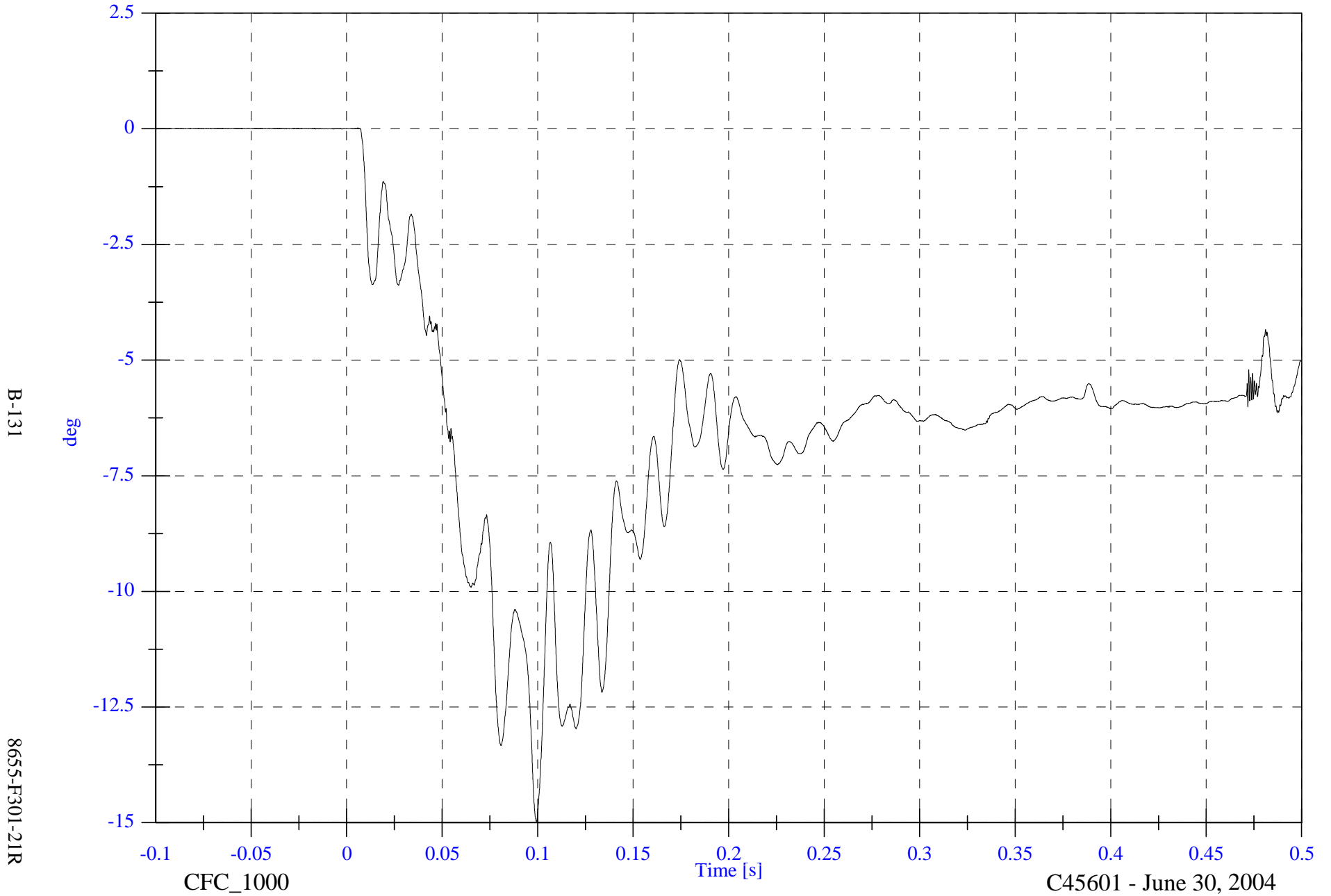
C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

P1 Right Change in String Angle

Max: 0.0 [deg] at 0.006 [s]

Min: -15.0 [deg] at 0.099 [s]



B-131

8655-F301-21R

CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

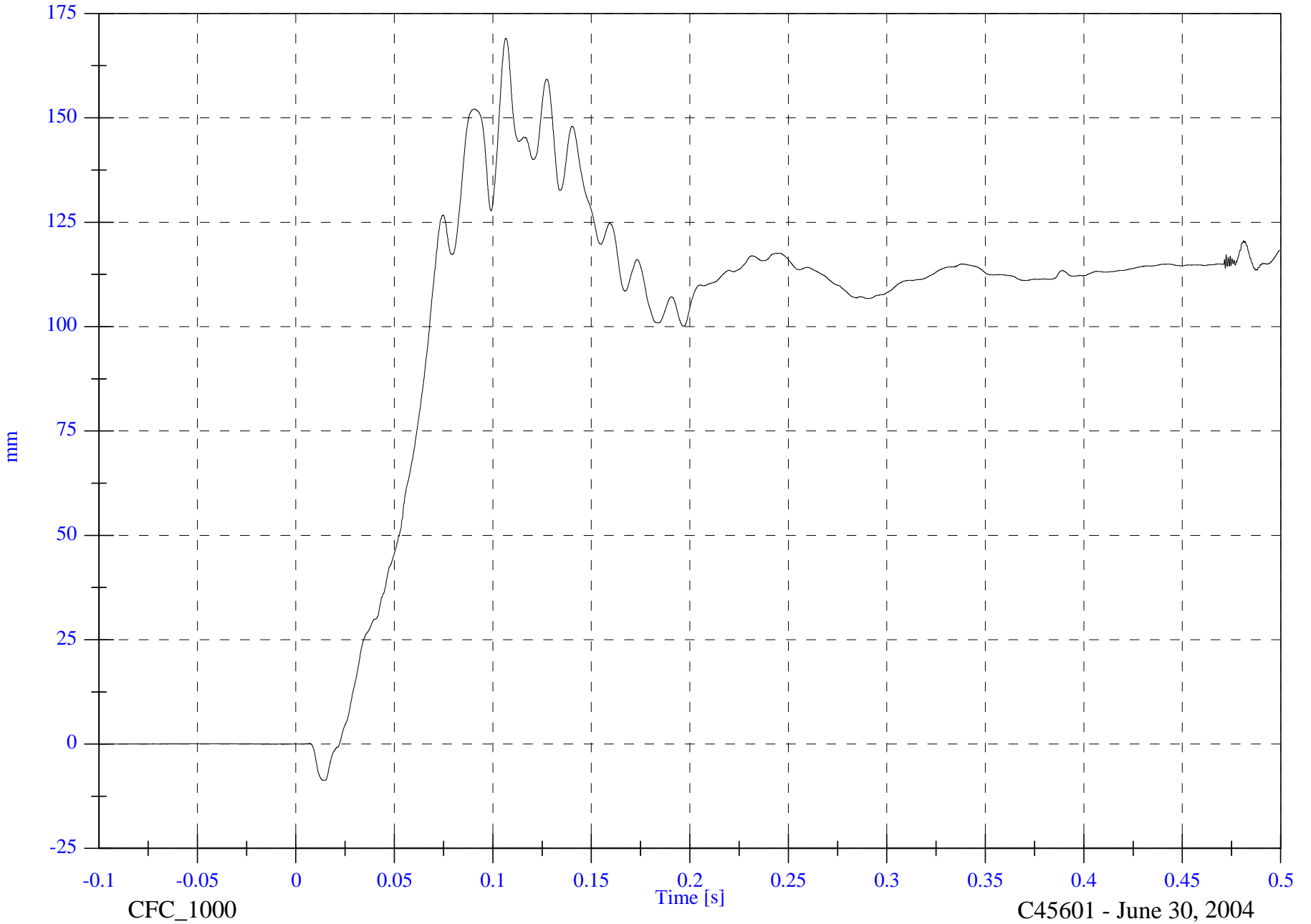
P1 Right Seat X Displacement

Max: 169.0 [mm] at 0.107 [s]

Min: -8.7 [mm] at 0.015 [s]

B-132

8655-F301-21R



CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

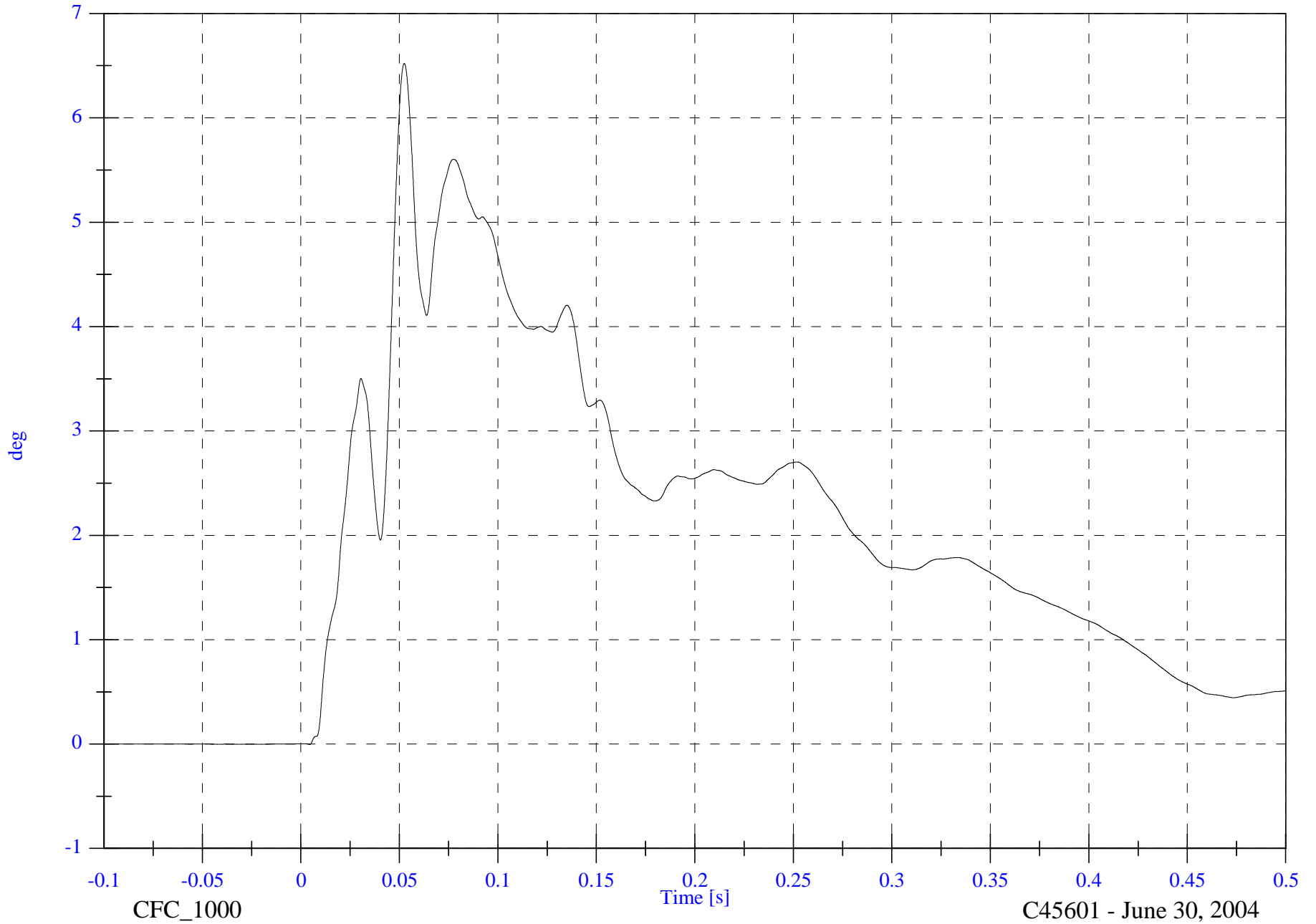
P3 Left Change in Seat Back Angle WRT Sill

Max: 6.5 [deg] at 0.052 [s]

Min: -0.0 [deg] at 0.004 [s]

B-133

8655-F301-21R



CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

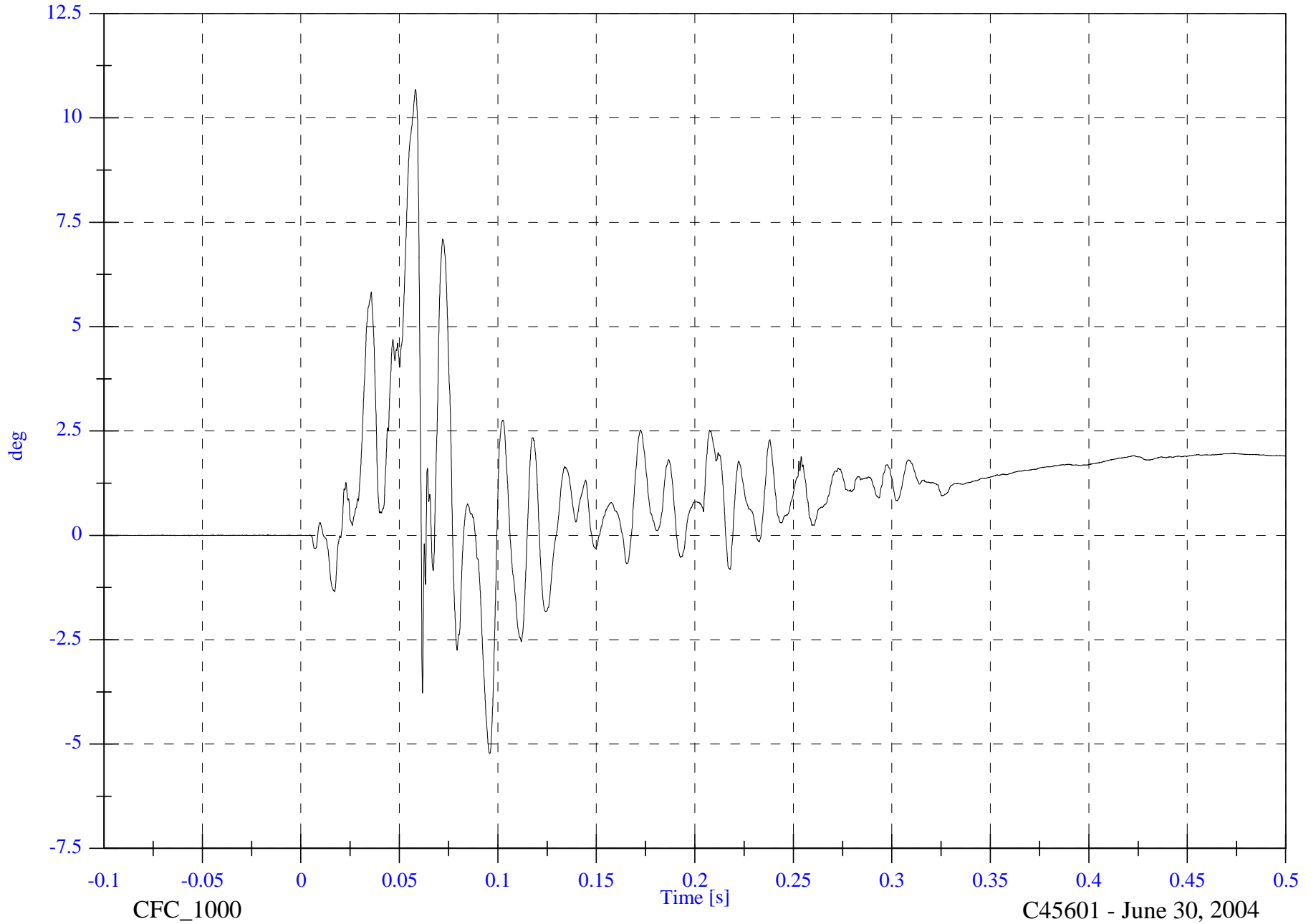
P3 Left Change in String Angle

Max: 10.7 [deg] at 0.058 [s]

Min: -5.2 [deg] at 0.096 [s]

B-134

8655-F301-21R



C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

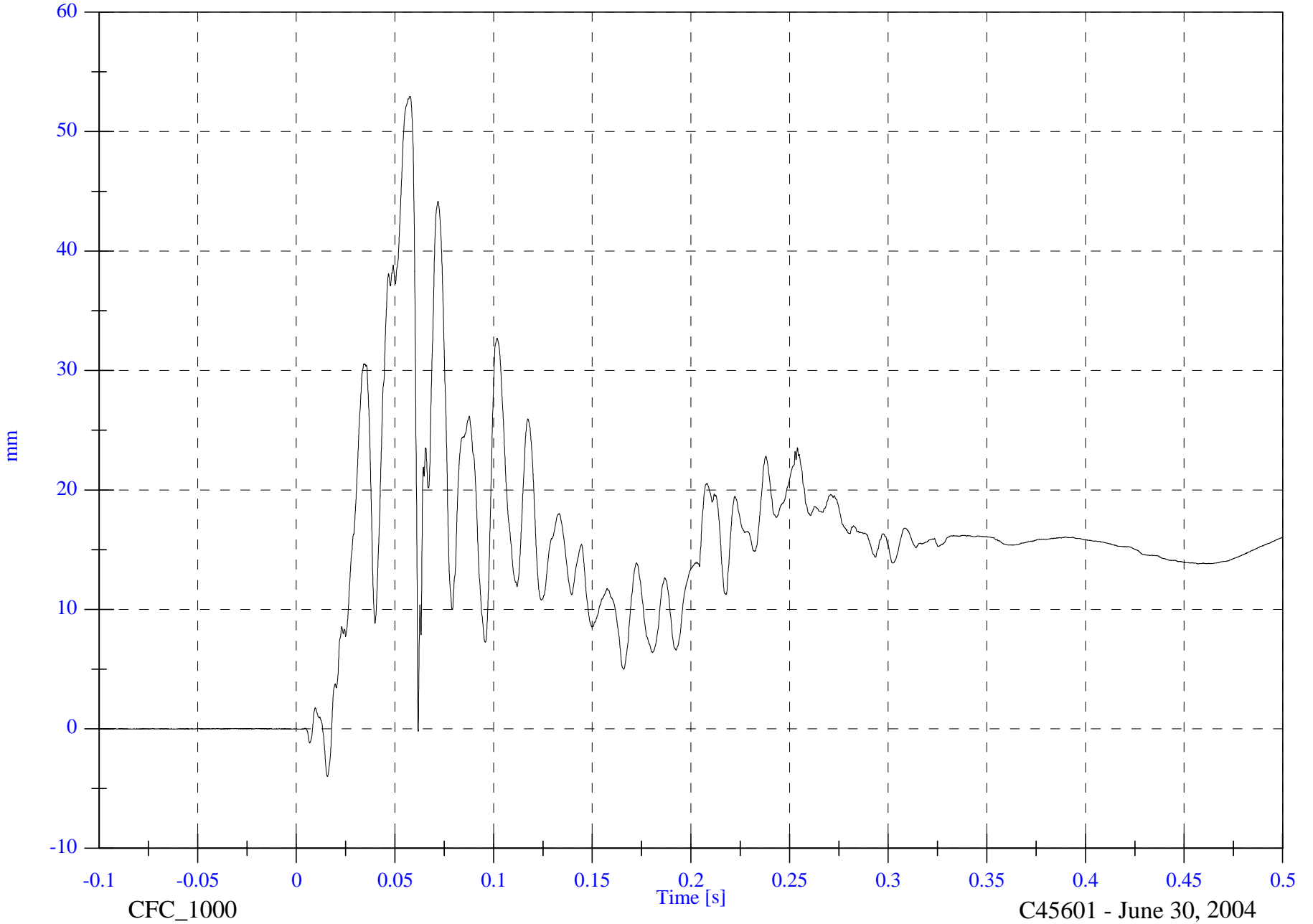
P3 Left Seat X Displacement

Max: 52.9 [mm] at 0.057 [s]

Min: -4.0 [mm] at 0.016 [s]

B-135

8655-F301-21R



CFC_1000

Time [s]

C45601 - June 30, 2004

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

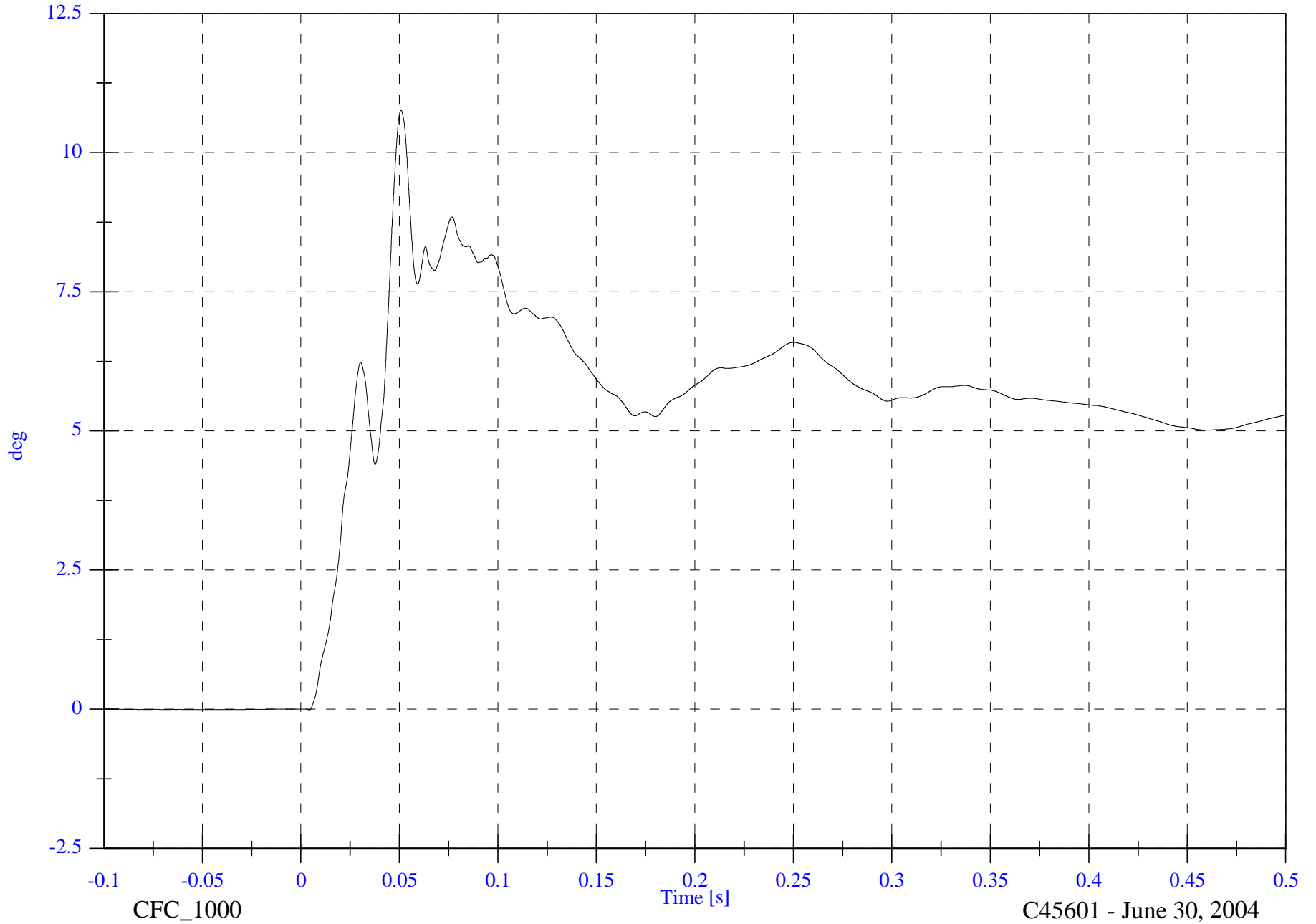
P3 Right Change in Seat Back Angle WRT Sill

Max: 10.8 [deg] at 0.051 [s]

Min: -0.0 [deg] at 0.004 [s]

B-136

8655-F301-21R

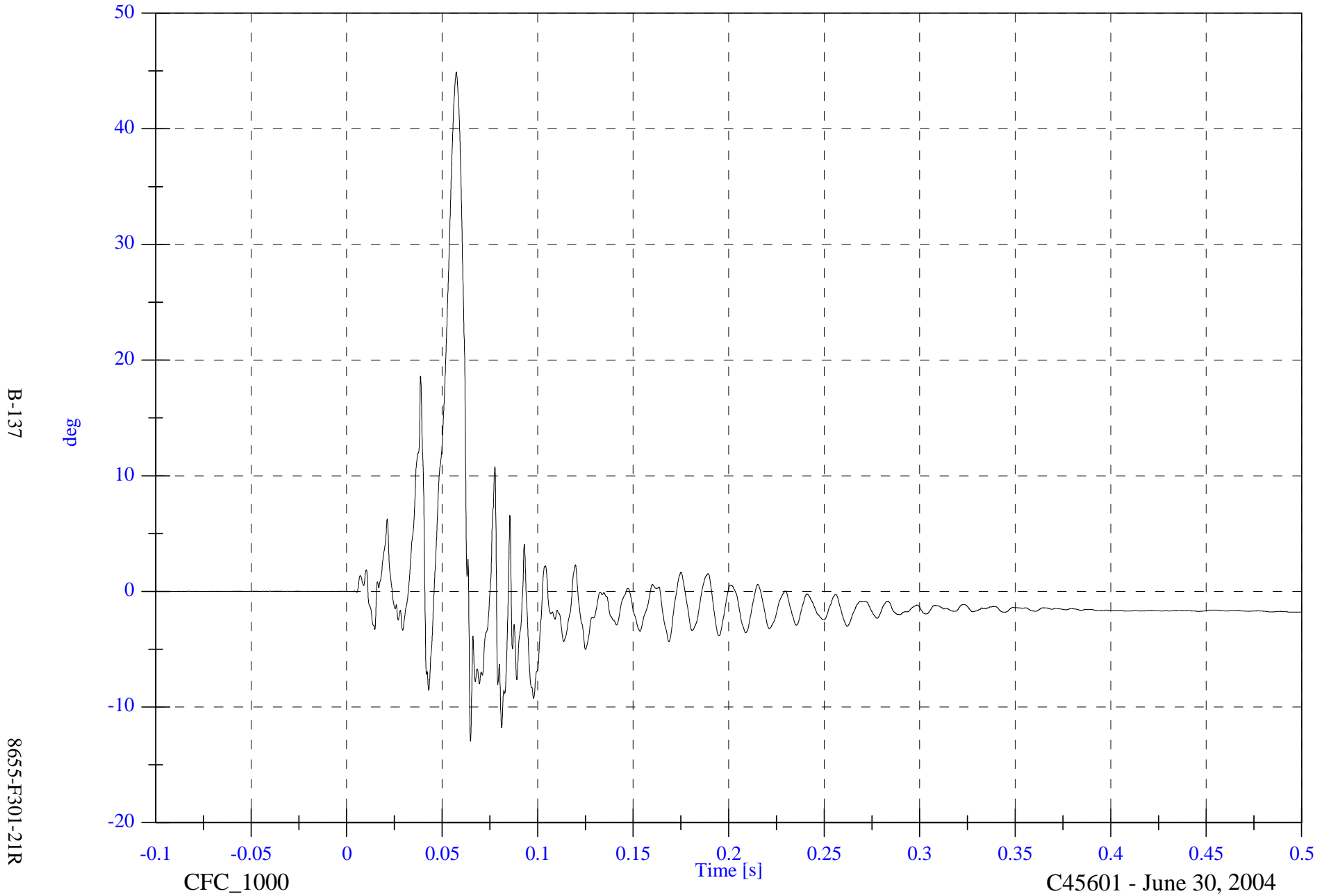


2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

P3 Right Change in String Angle

Max: 44.9 [deg] at 0.057 [s]

Min: -13.0 [deg] at 0.065 [s]



B-137

8655-F301-21R

2004 FMVSS301 Test 4 - 2004 Mitsubishi Endeavor

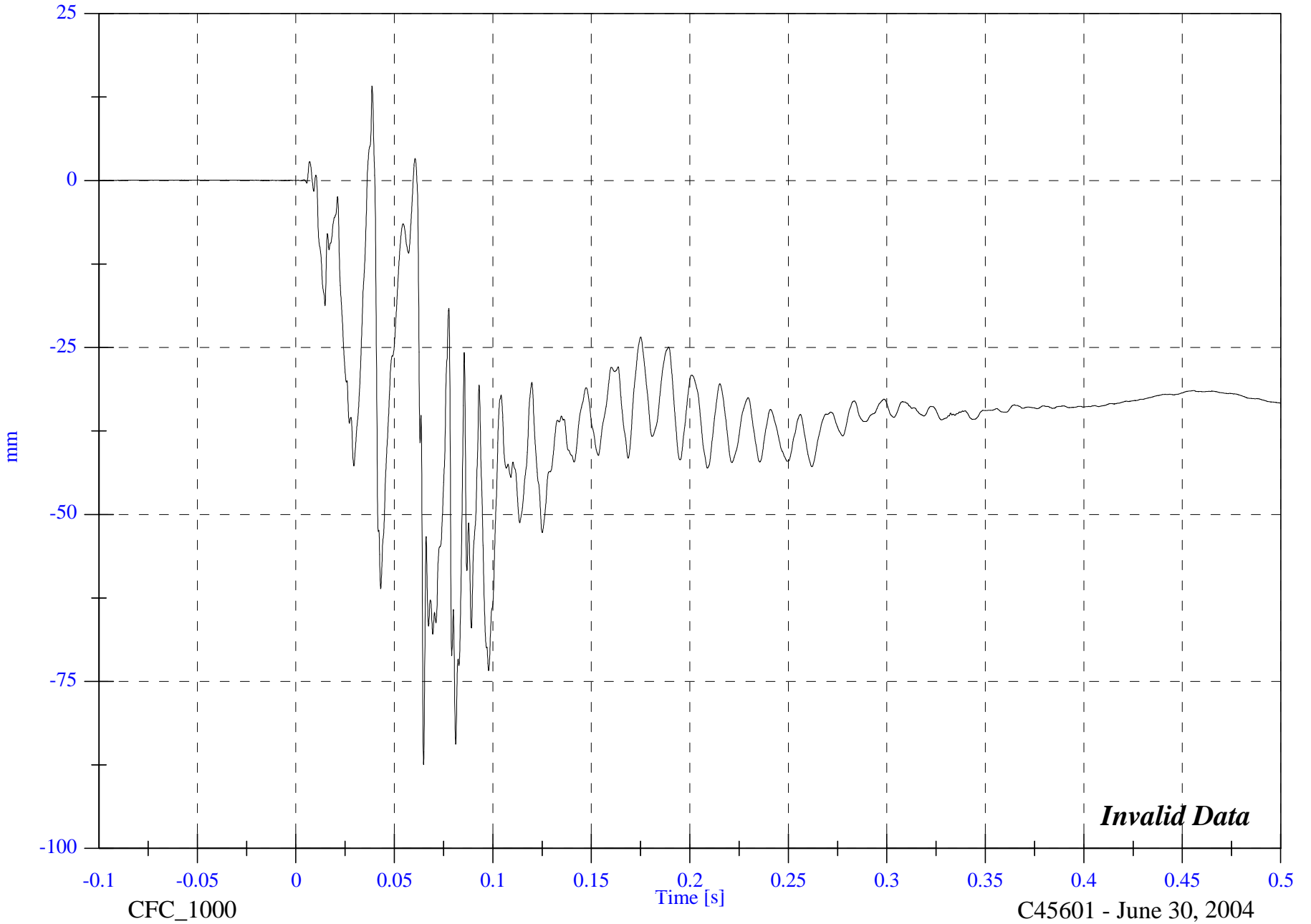
P3 Right Seat X Displacement

Max: 14.2 [mm] at 0.039 [s]

Min: -87.4 [mm] at 0.065 [s]

B-138

8655-F301-21R



Invalid Data

CFC_1000

C45601 - June 30, 2004