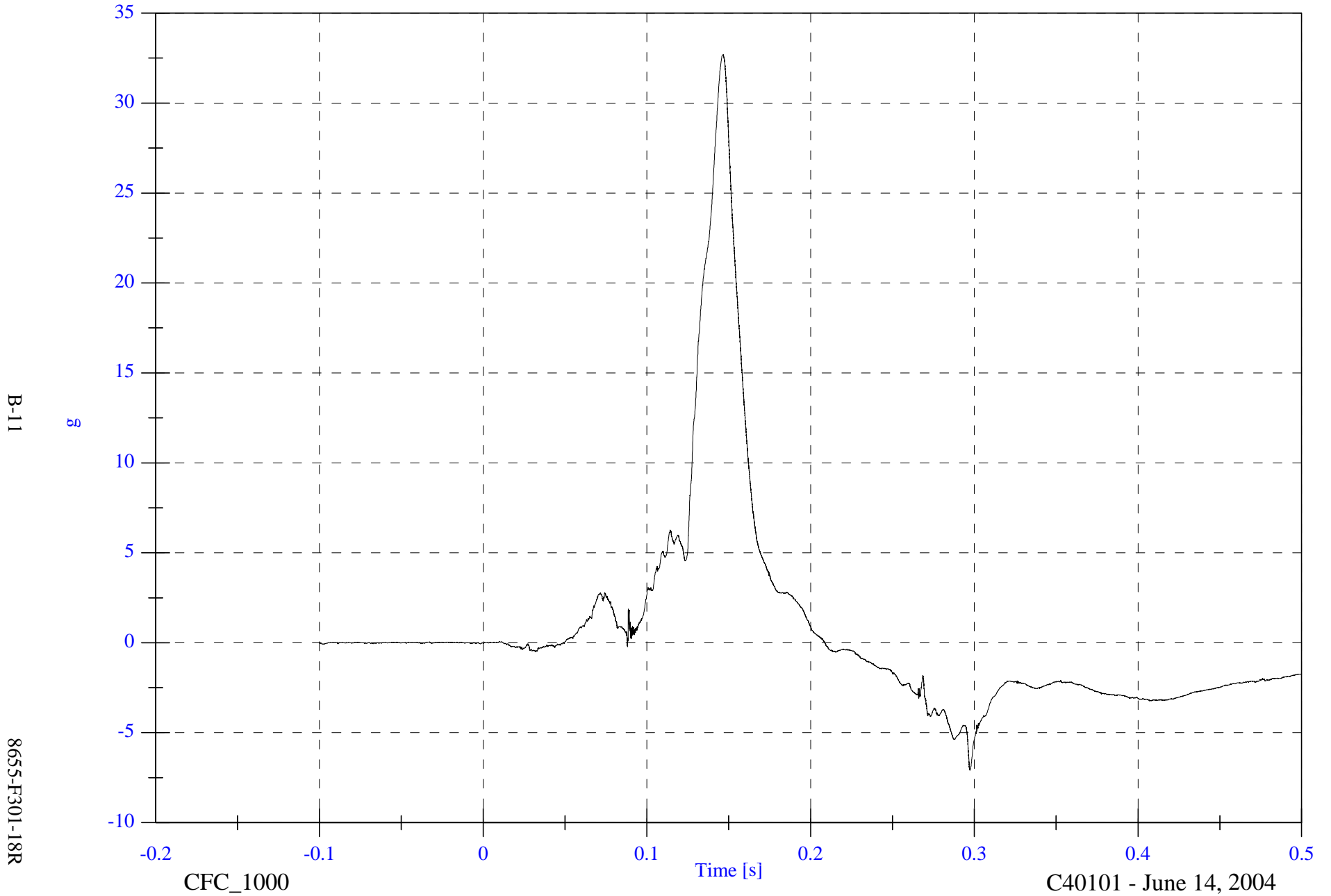


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Head x

Max: 32.7 [g] at 0.147 [s]

Min: -7.1 [g] at 0.297 [s]

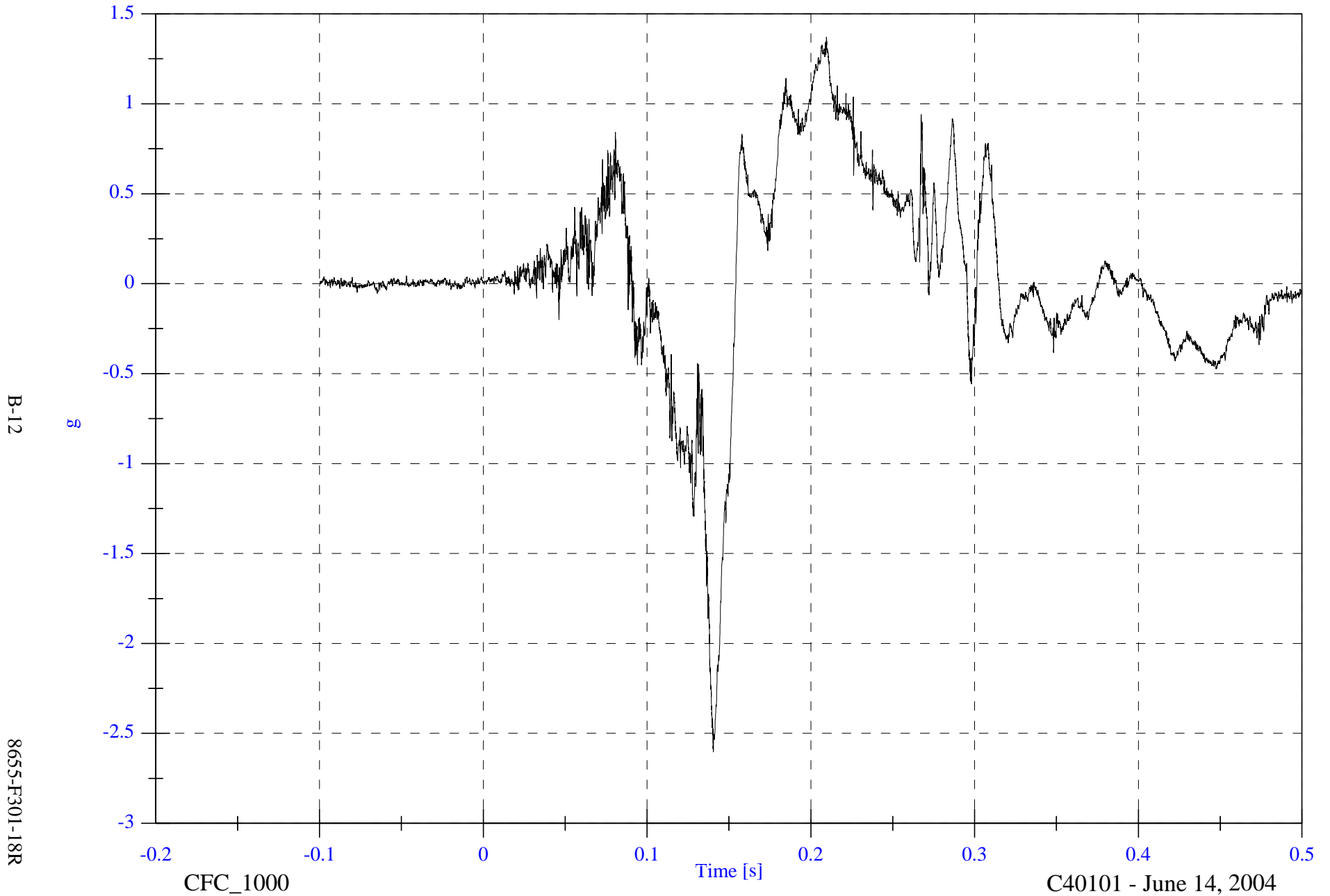


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Head y

Max: 1.4 [g] at 0.210 [s]

Min: -2.6 [g] at 0.140 [s]

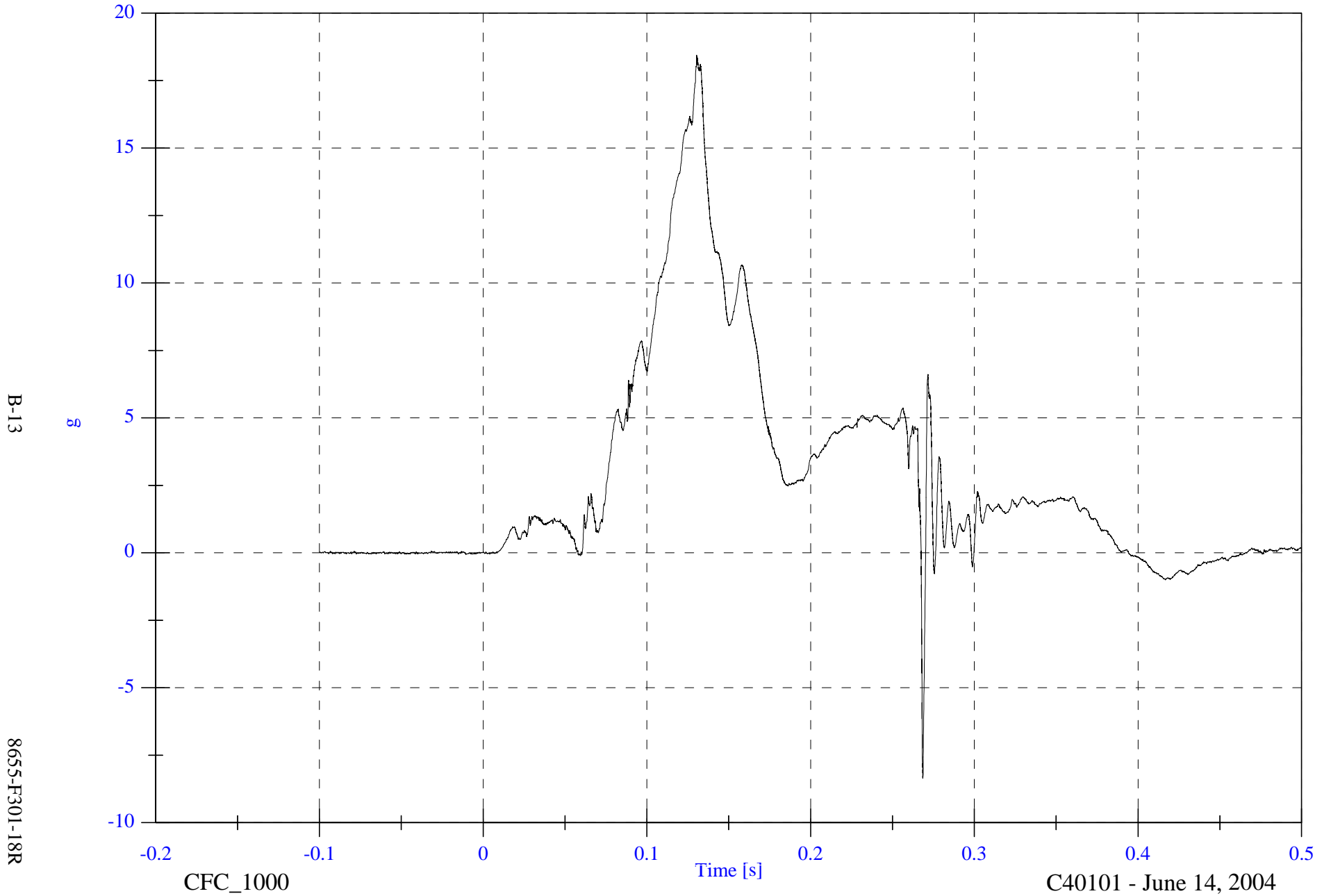


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Head z

Max: 18.4 [g] at 0.130 [s]

Min: -8.4 [g] at 0.269 [s]



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CFC_1000

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

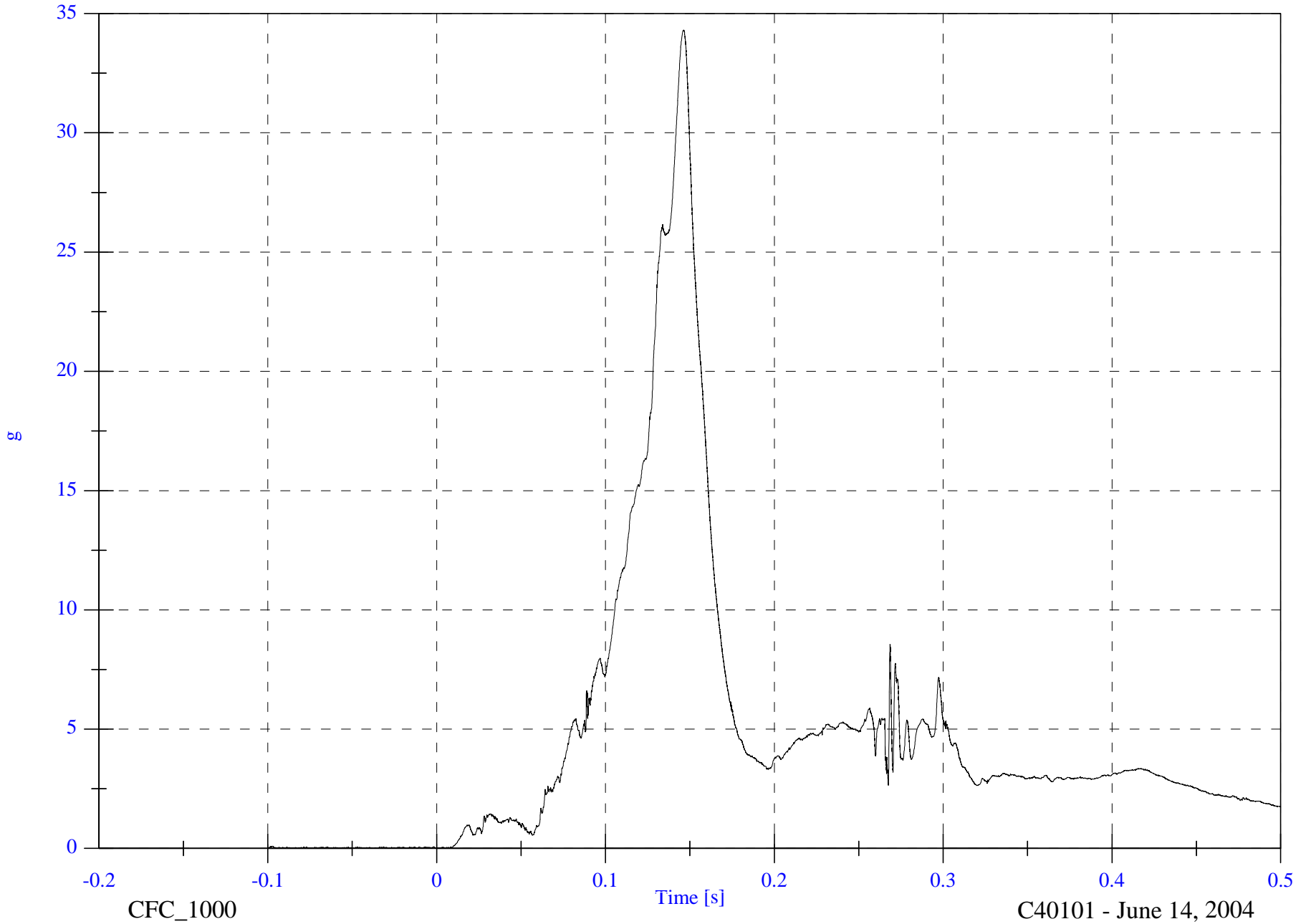
V2P1 Head Resultant

Max: 34.3 [g] at 0.146 [s]

Min: 0.0 [g] at -0.049 [s]

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8655-F301-18R

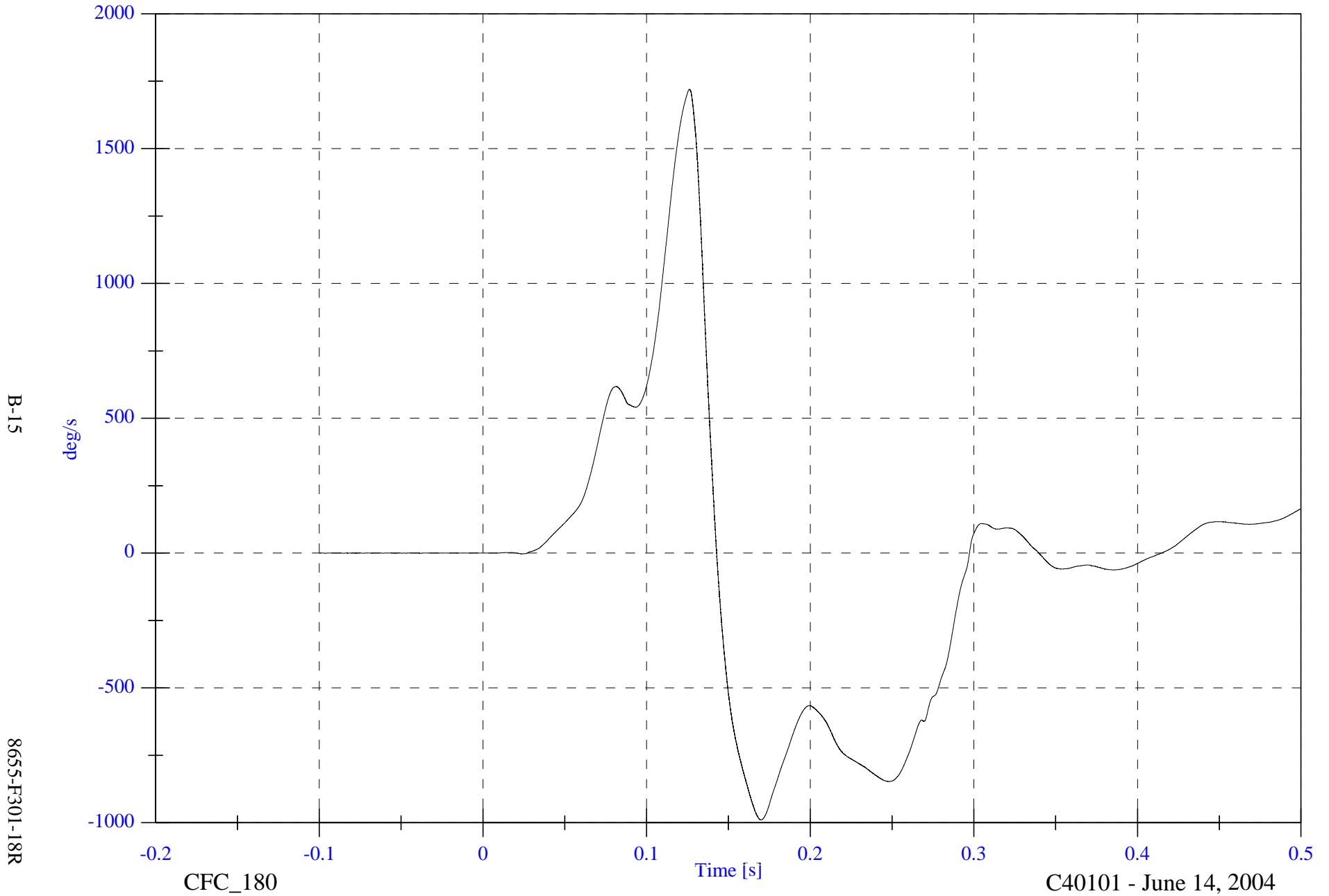


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Head AVy

Max: 1720.3 [deg/s] at 0.126 [s]

Min: -989.4 [deg/s] at 0.170 [s]

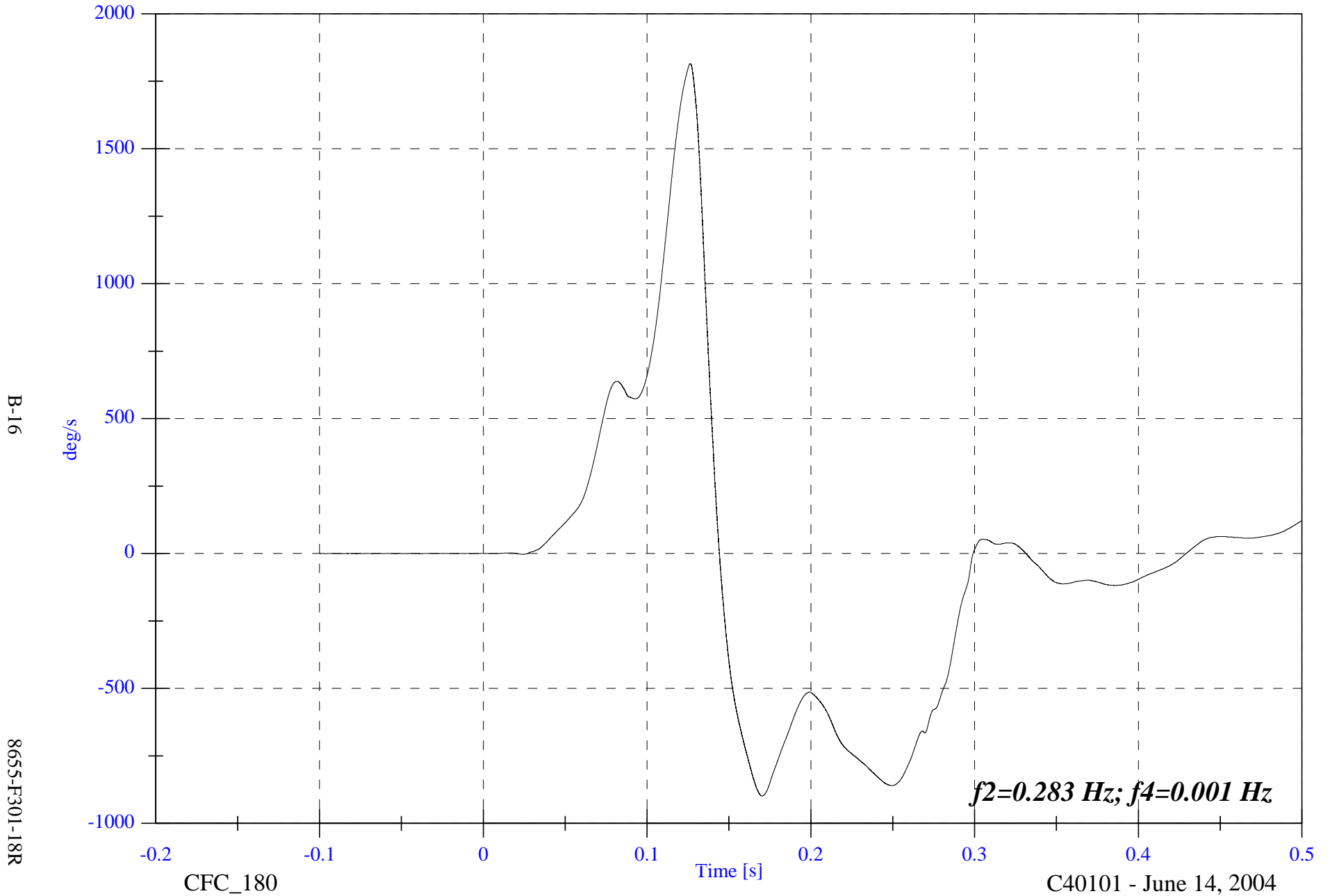


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Head Comp AVy

Max: 1815.4 [deg/s] at 0.126 [s]

Min: -898.5 [deg/s] at 0.170 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

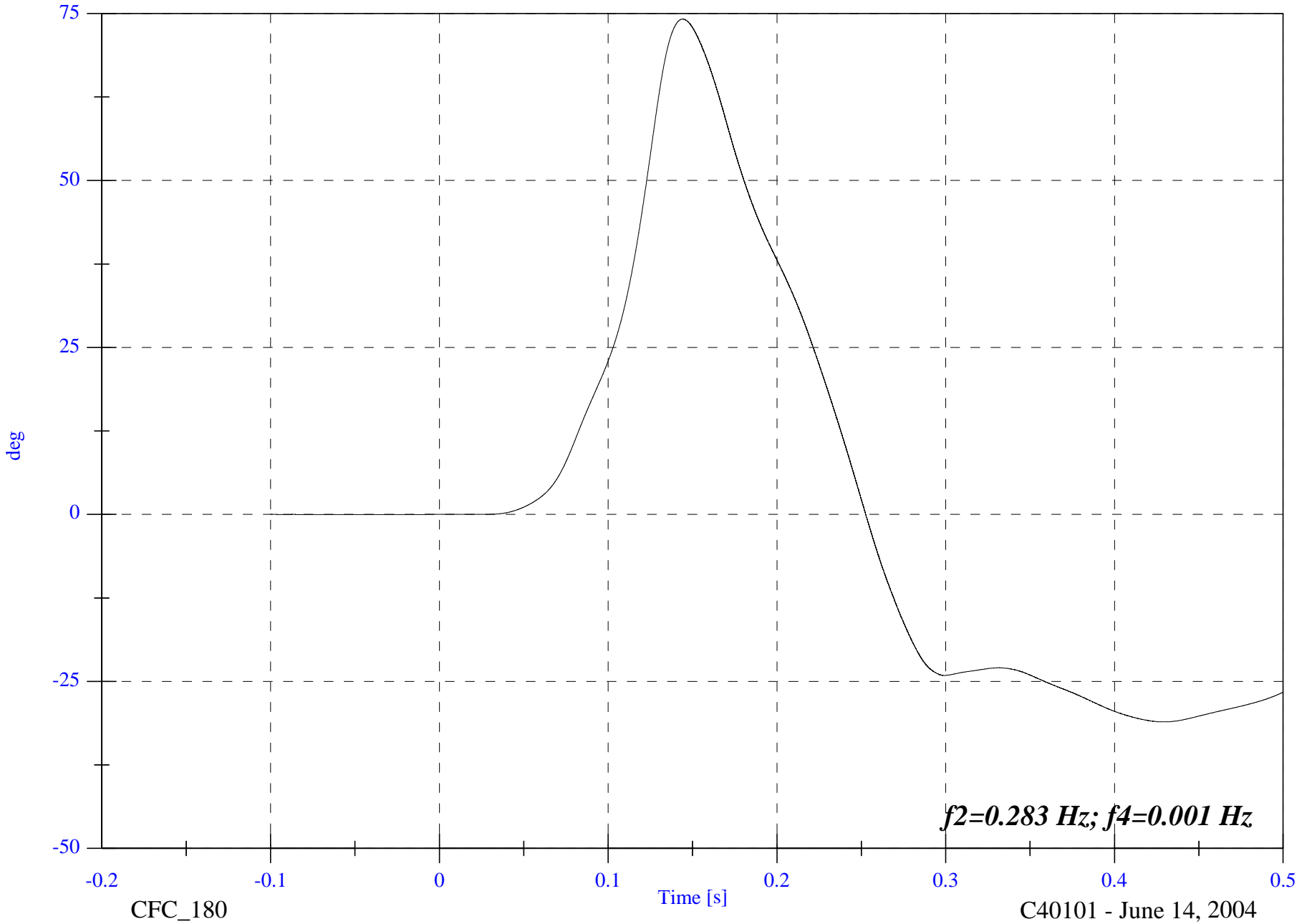
V2P1 Head Comp ADy

Max: 74.2 [deg] at 0.144 [s]

Min: -31.1 [deg] at 0.429 [s]

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8655-F301-18R



CFC_180

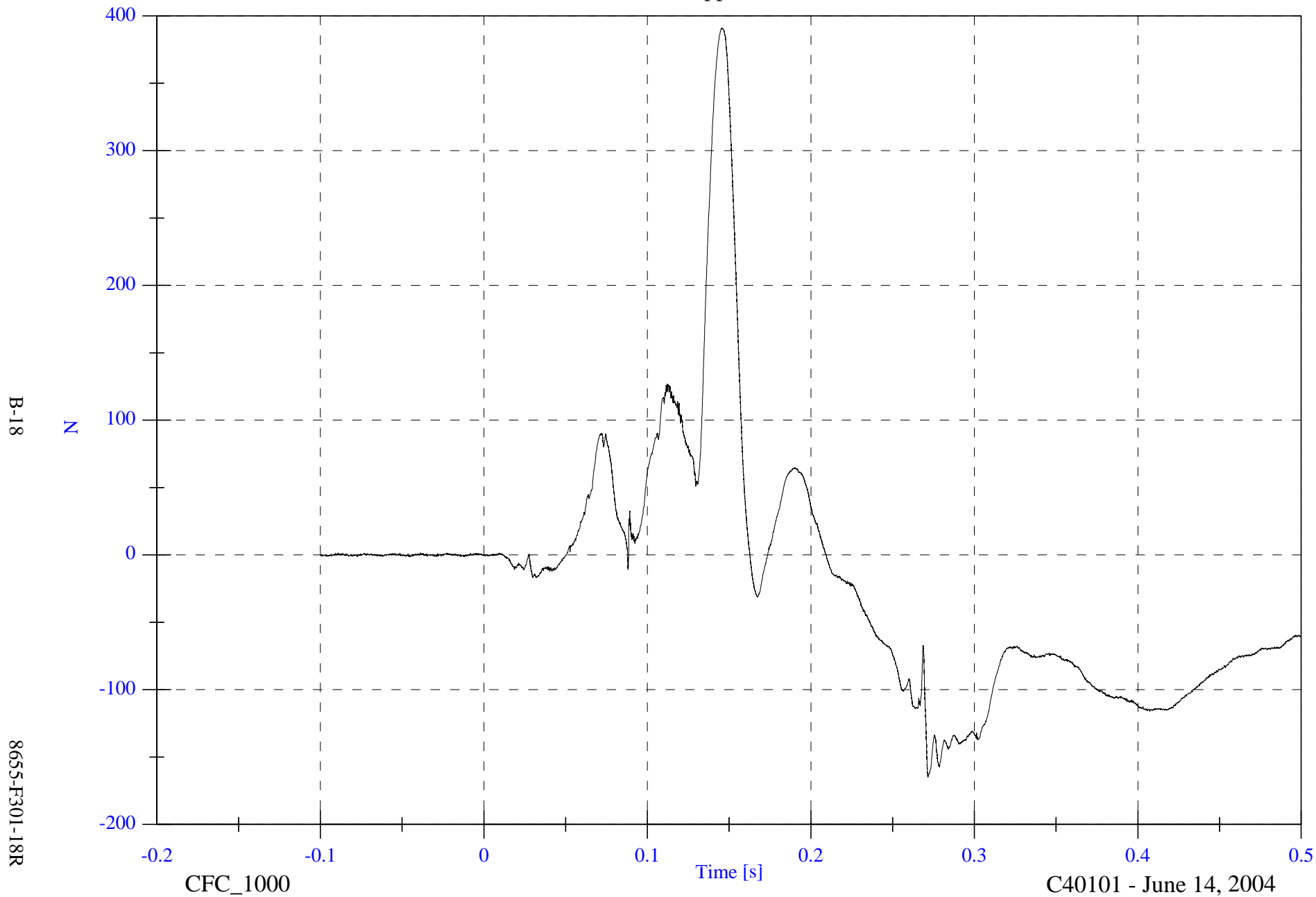
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 391.0 [N] at 0.145 [s]

V2P1 Upper Neck Fx

Min: -165.0 [N] at 0.272 [s]

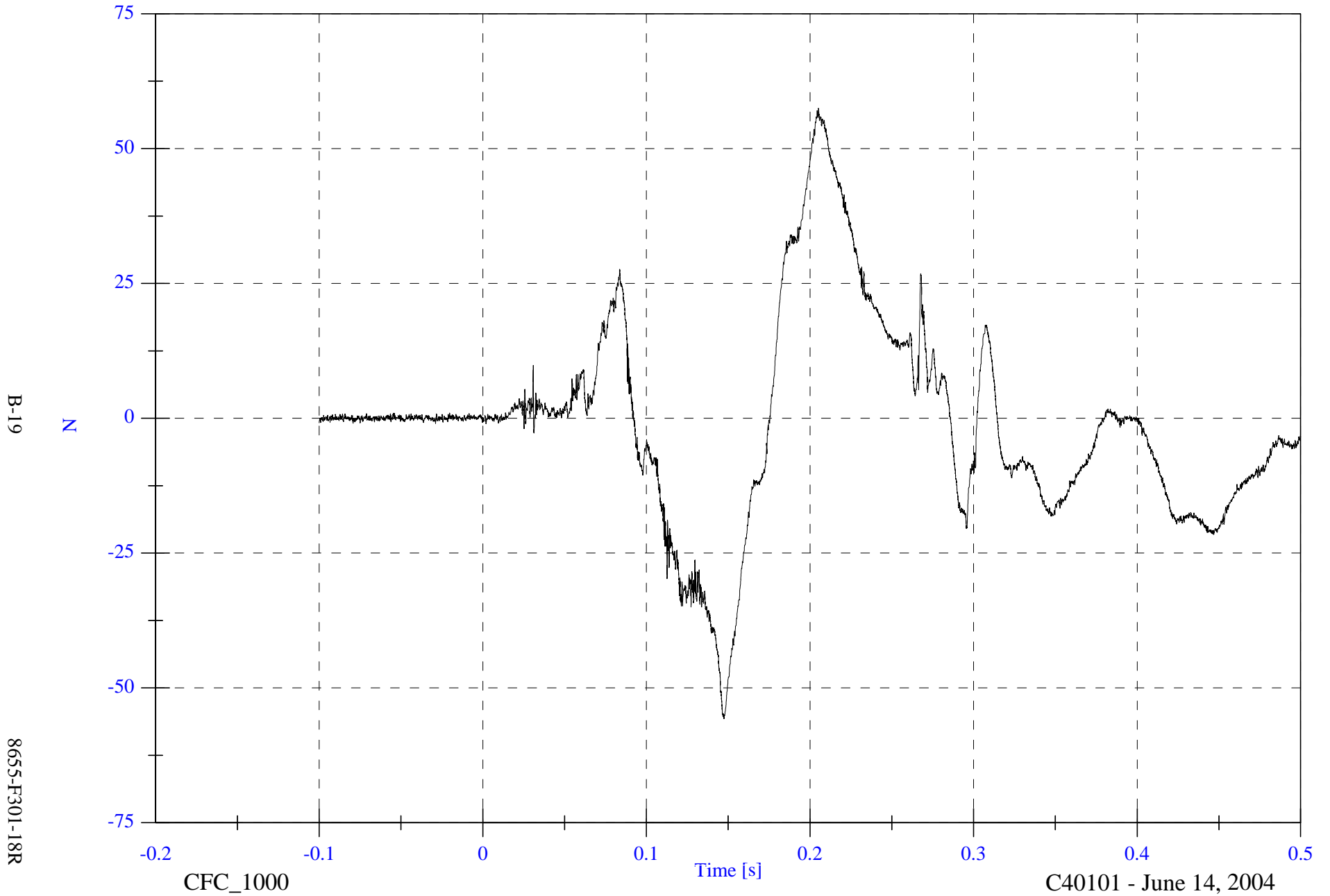


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Upper Neck Fy

Max: 57.5 [N] at 0.205 [s]

Min: -55.7 [N] at 0.147 [s]

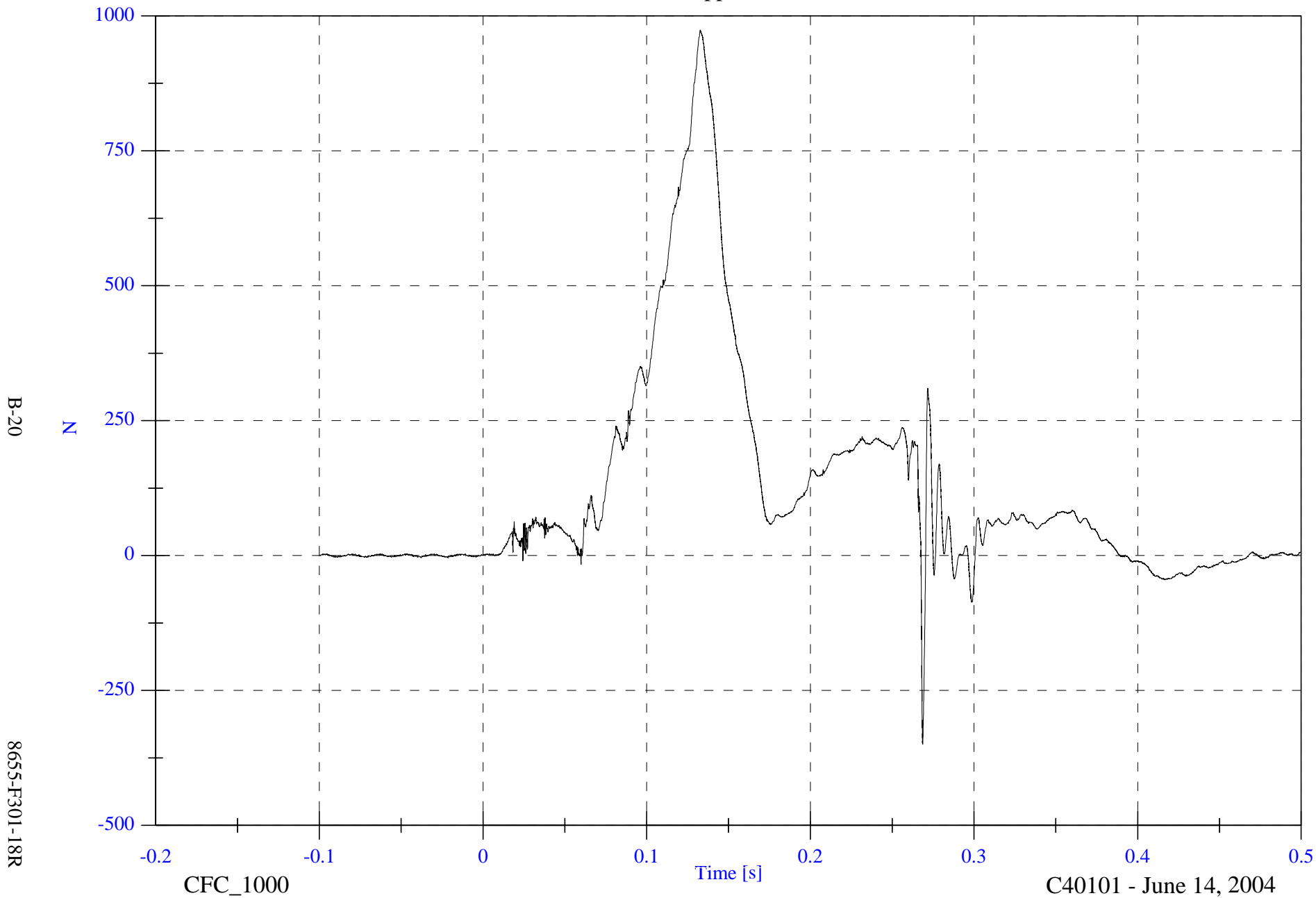


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 973.9 [N] at 0.133 [s]

V2P1 Upper Neck Fz

Min: -349.6 [N] at 0.269 [s]

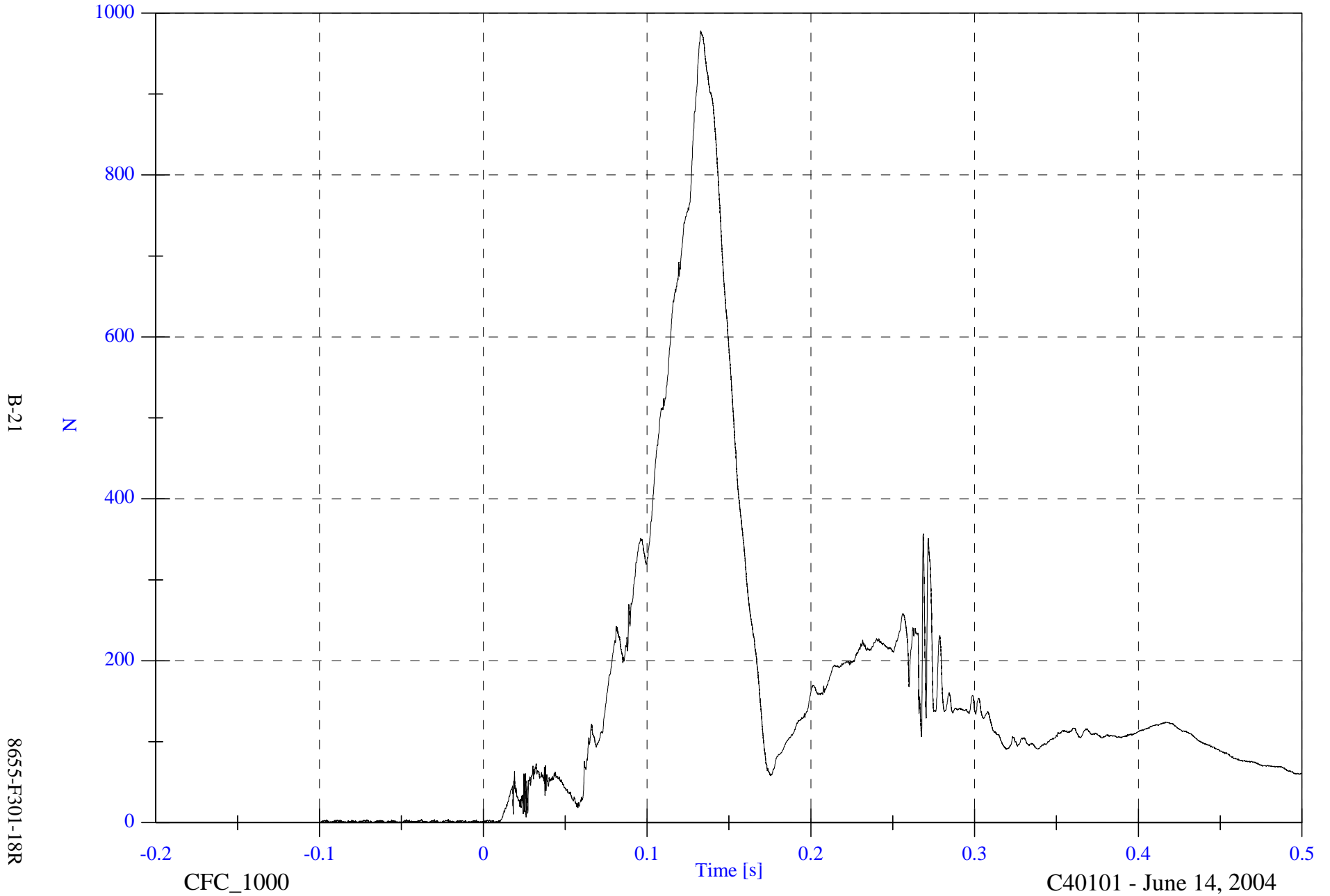


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Upper Neck F Resultant

Max: 978.1 [N] at 0.133 [s]

Min: 0.1 [N] at -0.084 [s]



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CFC_1000

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

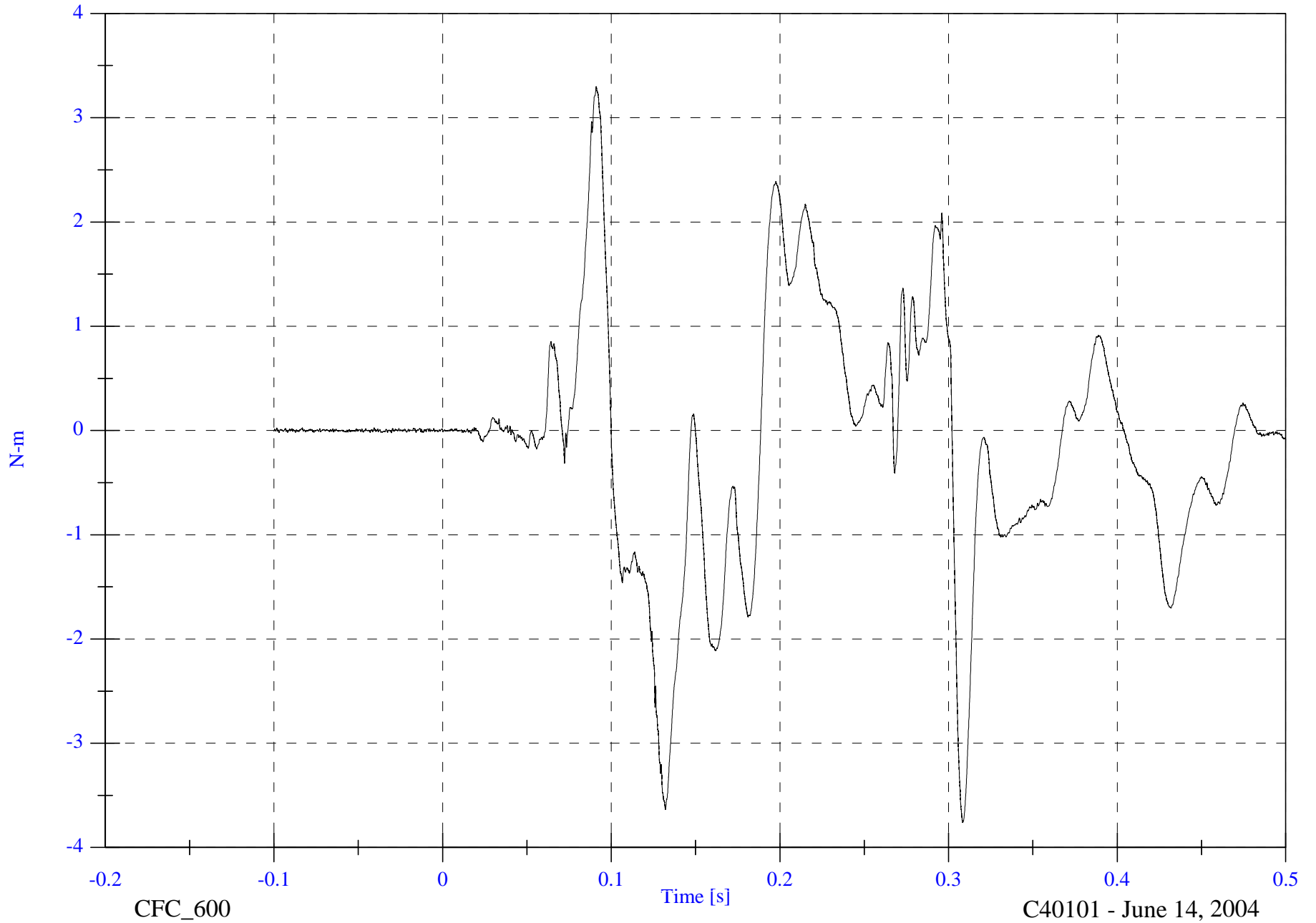
V2P1 Upper Neck Mx

Max: 3.3 [N-m] at 0.091 [s]

Min: -3.8 [N-m] at 0.308 [s]

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8655-F301-18R



CFC_600

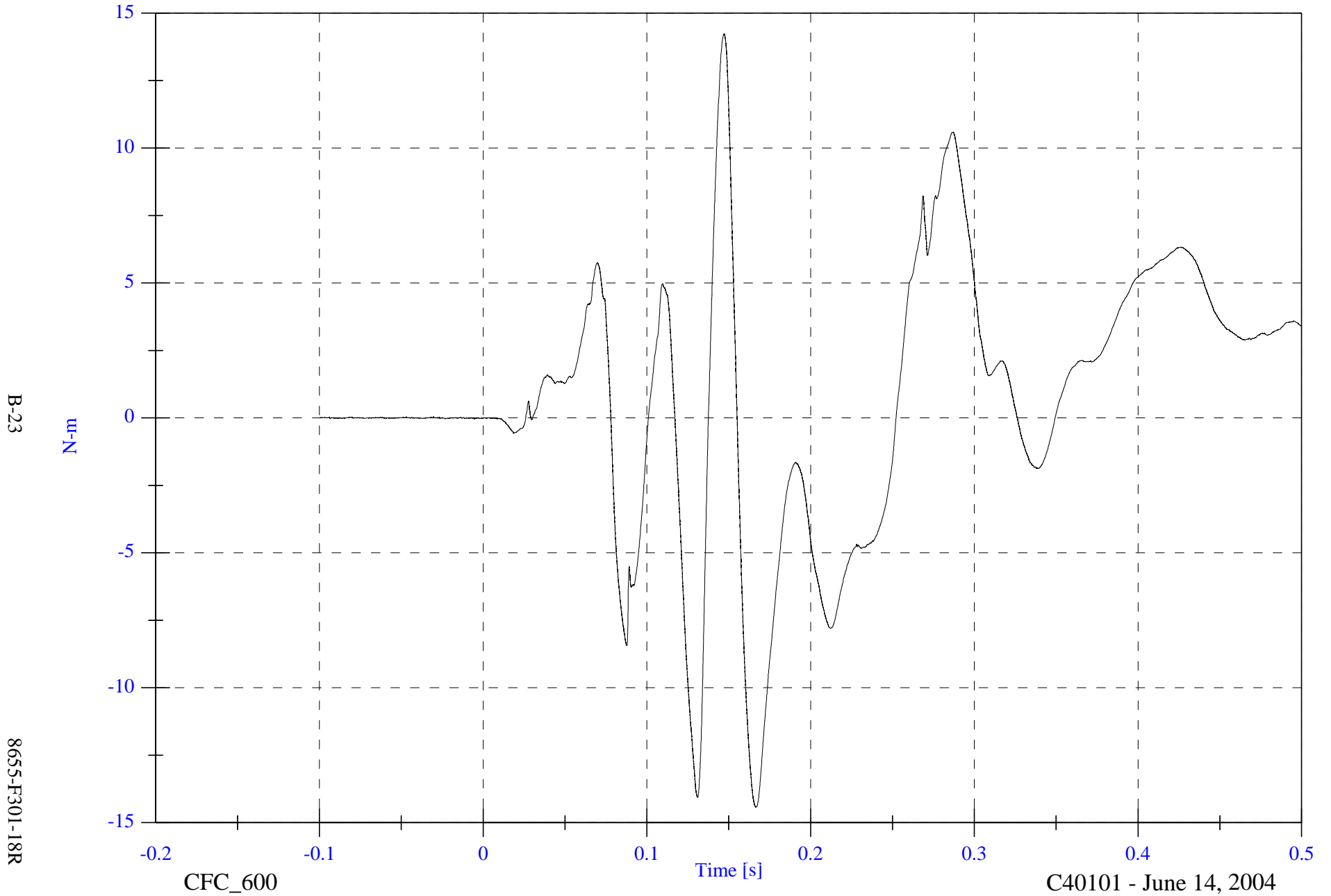
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Upper Neck My

Max: 14.2 [N-m] at 0.147 [s]

Min: -14.4 [N-m] at 0.167 [s]



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CFC_600

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

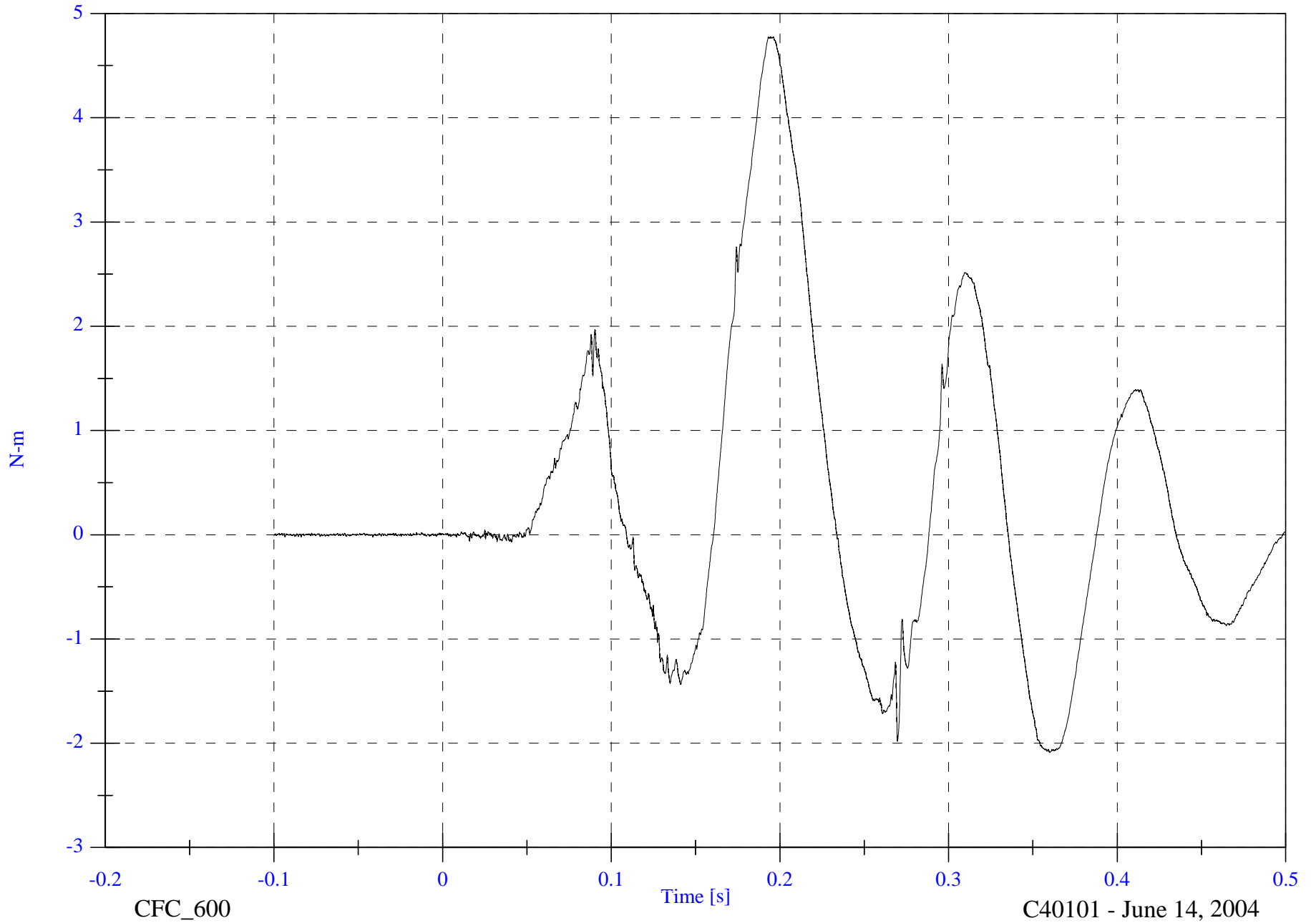
V2P1 Upper Neck Mz

Max: 4.8 [N-m] at 0.194 [s]

Min: -2.1 [N-m] at 0.360 [s]

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8655-F301-18R



CFC_600

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

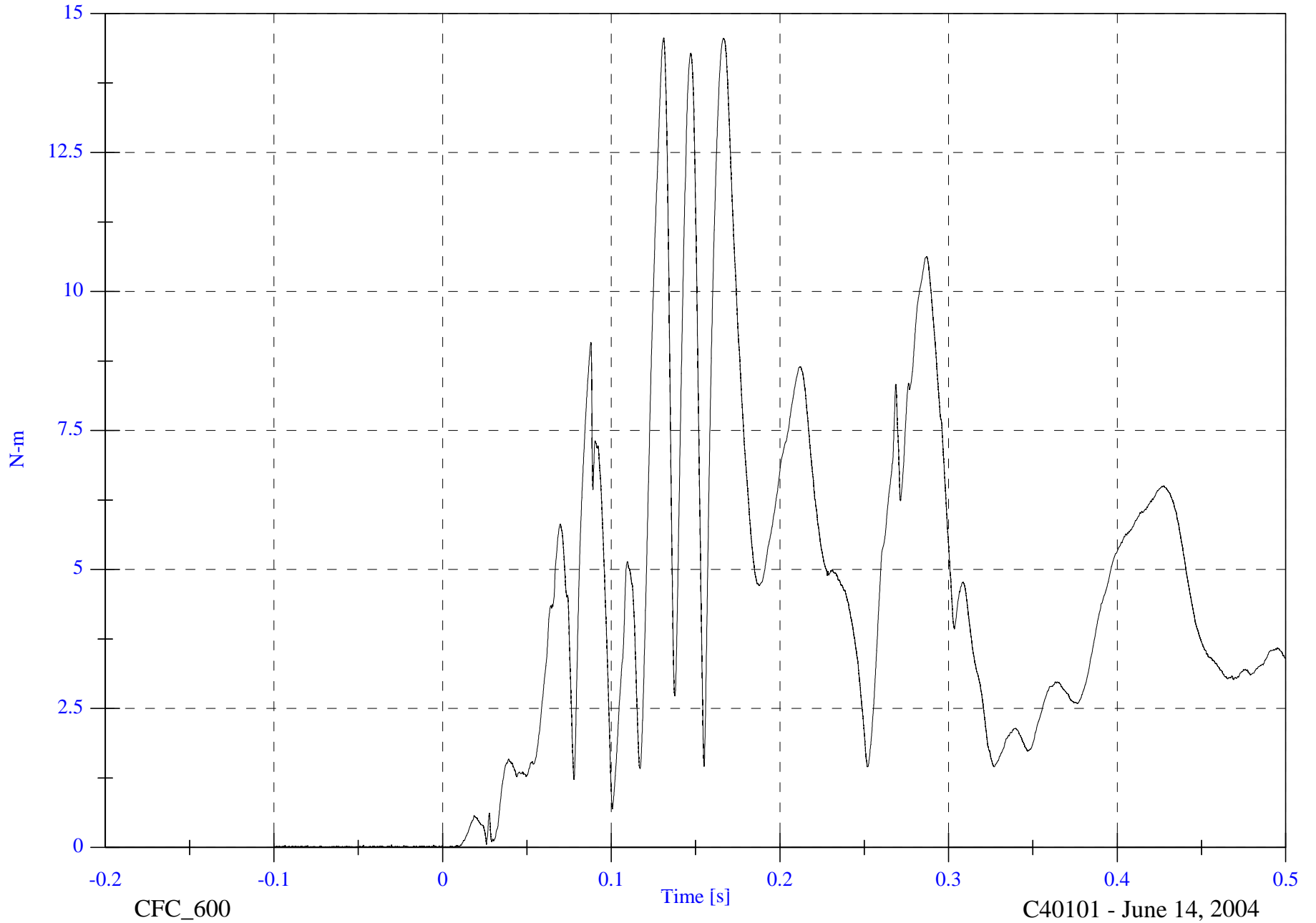
V2P1 Upper Neck M Resultant

Max: 14.6 [N-m] at 0.131 [s]

Min: 0.0 [N-m] at -0.044 [s]

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CFC_600

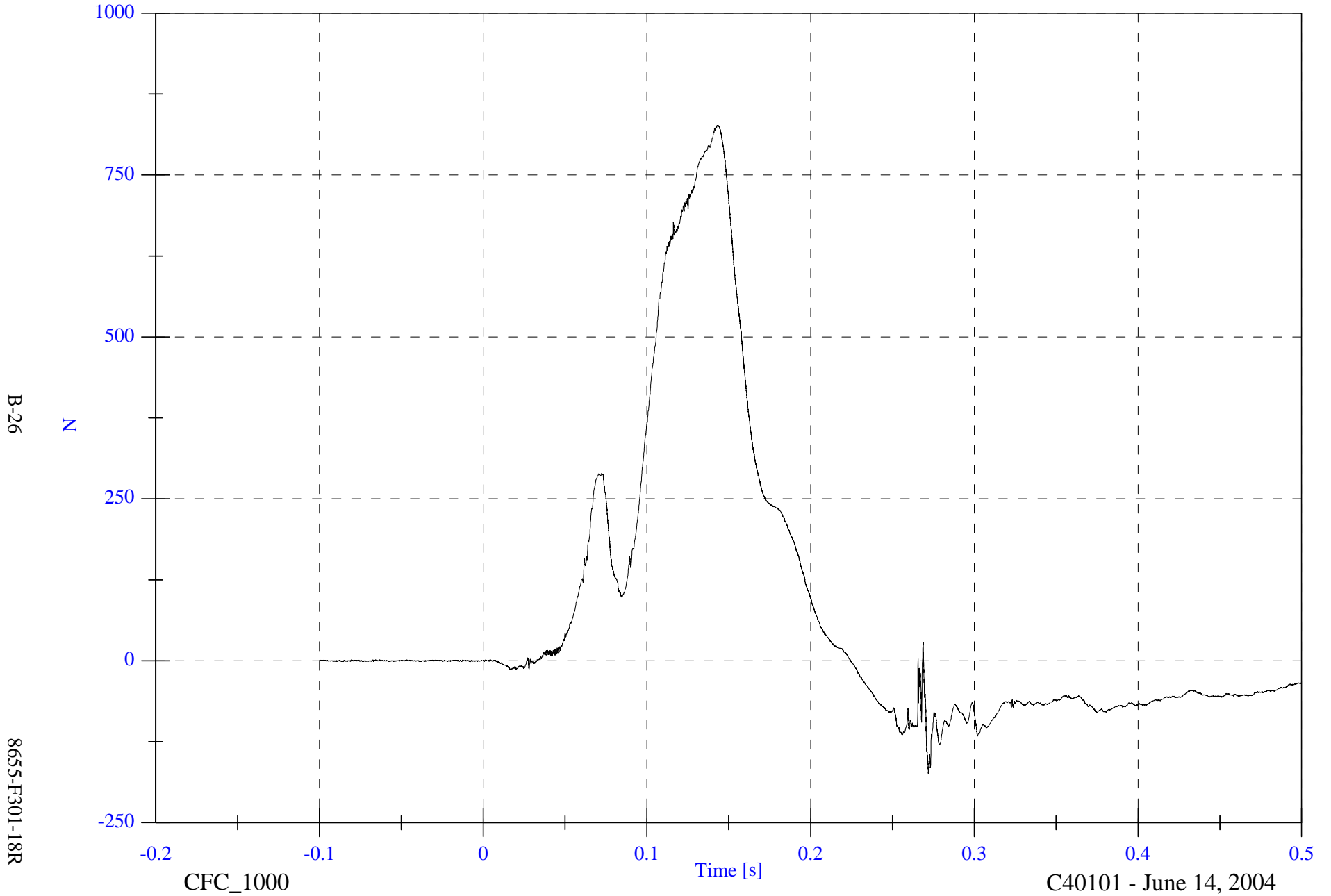
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Lower Neck Fx

Max: 826.8 [N] at 0.143 [s]

Min: -174.8 [N] at 0.272 [s]



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CFC_1000

Time [s]

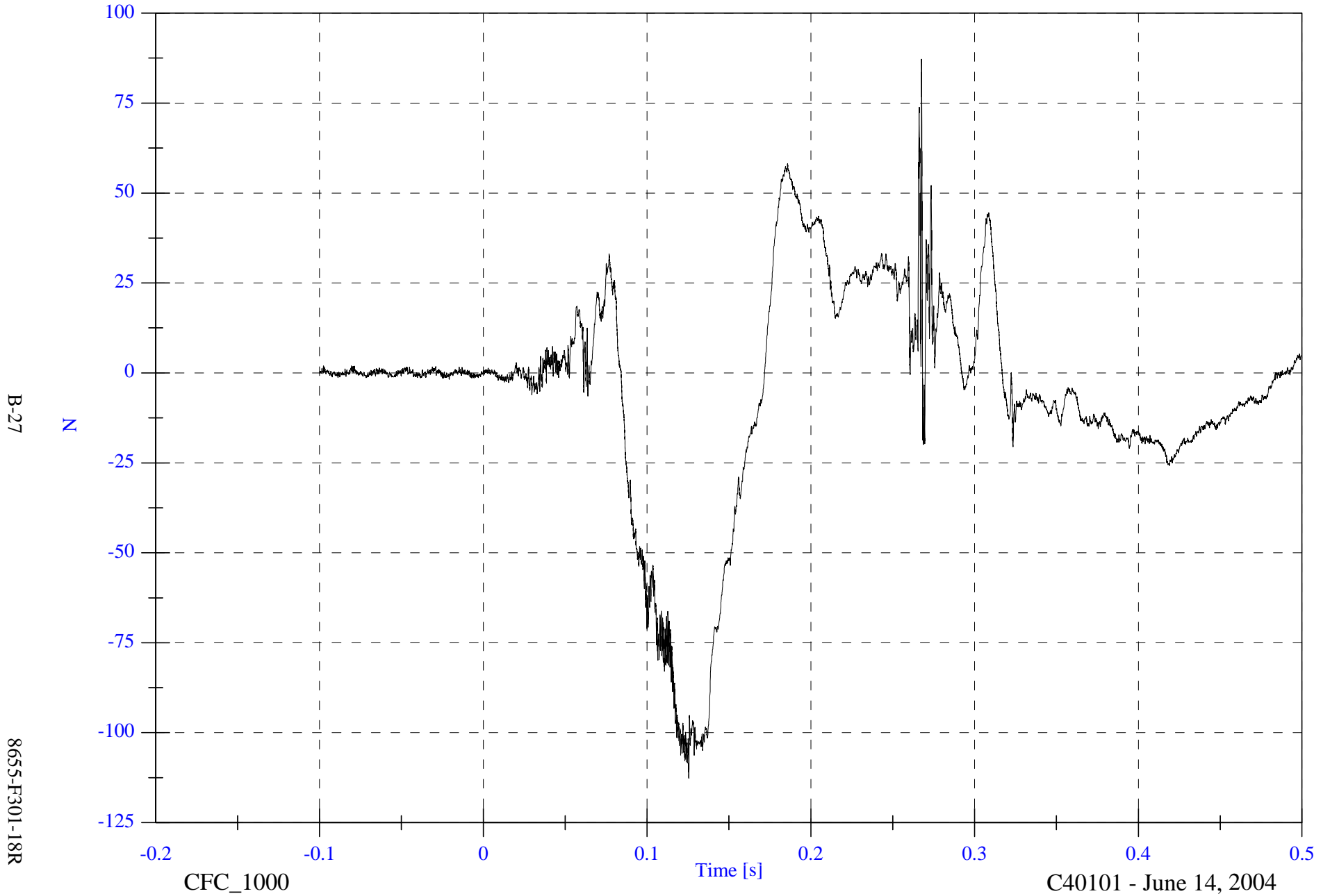
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Lower Neck Fy

Max: 87.2 [N] at 0.268 [s]

Min: -112.7 [N] at 0.126 [s]



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CFC_1000

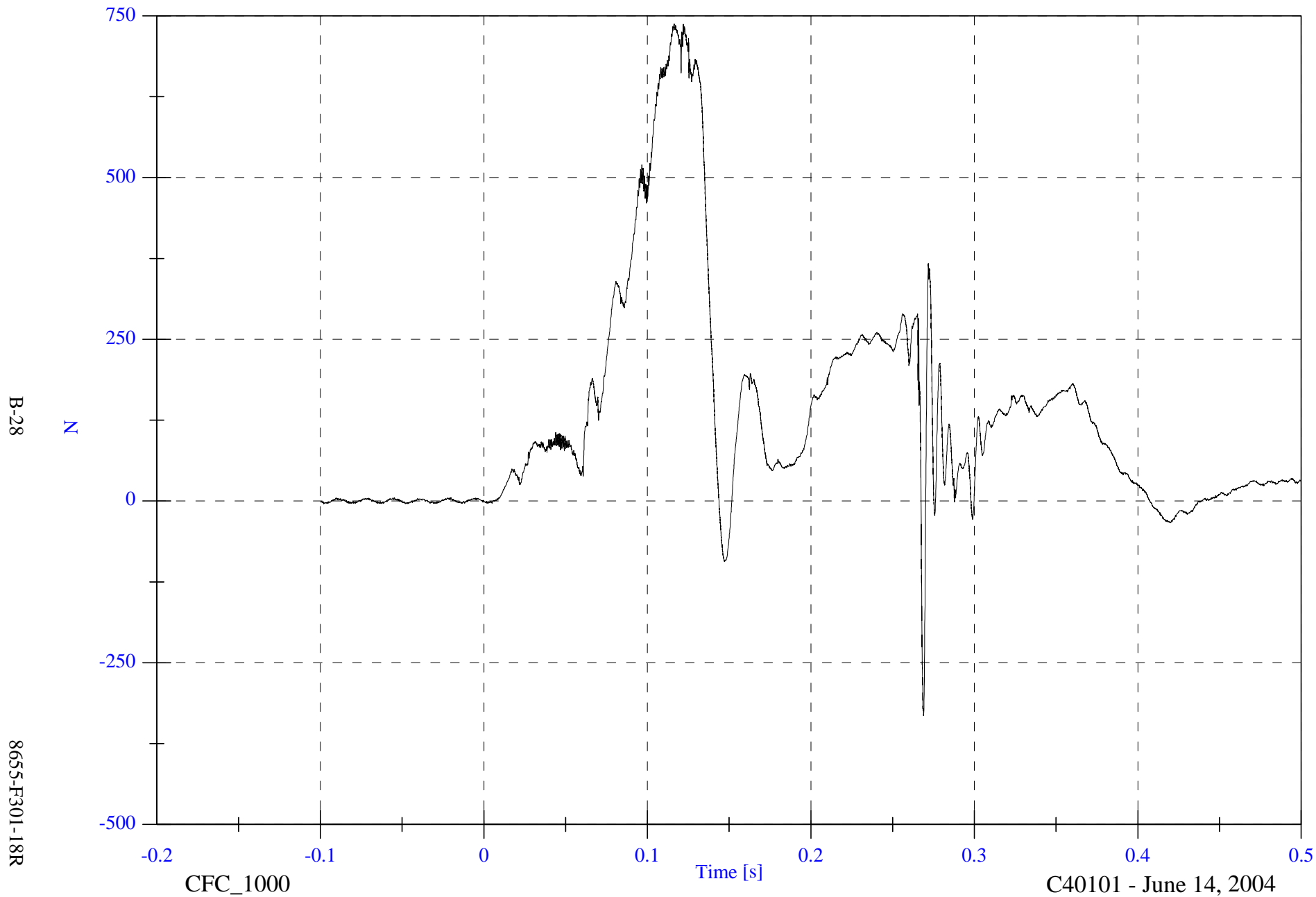
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 737.6 [N] at 0.116 [s]

V2P1 Lower Neck Fz

Min: -331.6 [N] at 0.269 [s]



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8655-F301-18R

CFC_1000

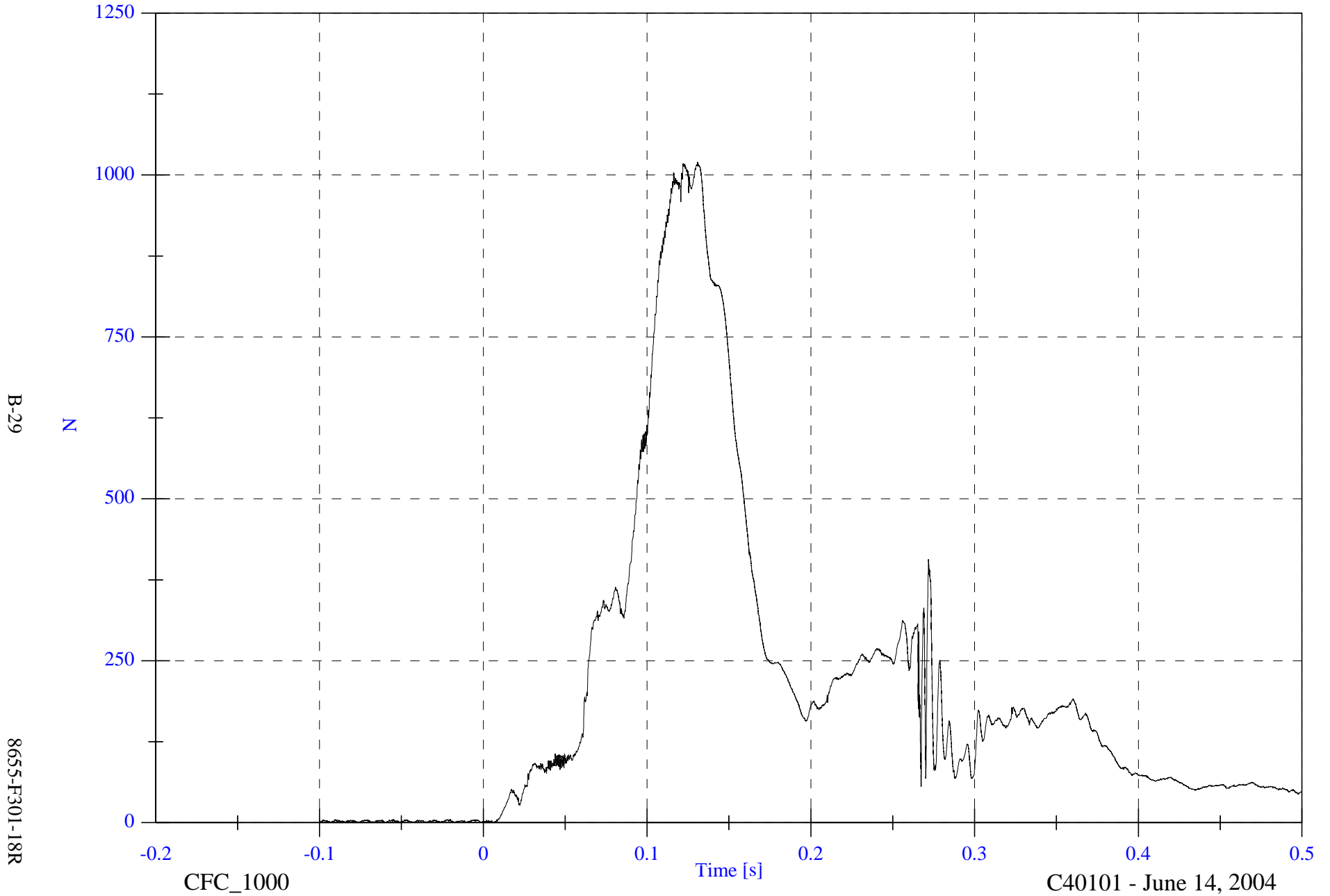
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Lower Neck F Resultant

Max: 1019.6 [N] at 0.131 [s]

Min: 0.1 [N] at -0.050 [s]



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8655-F301-18R

CFC_1000

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

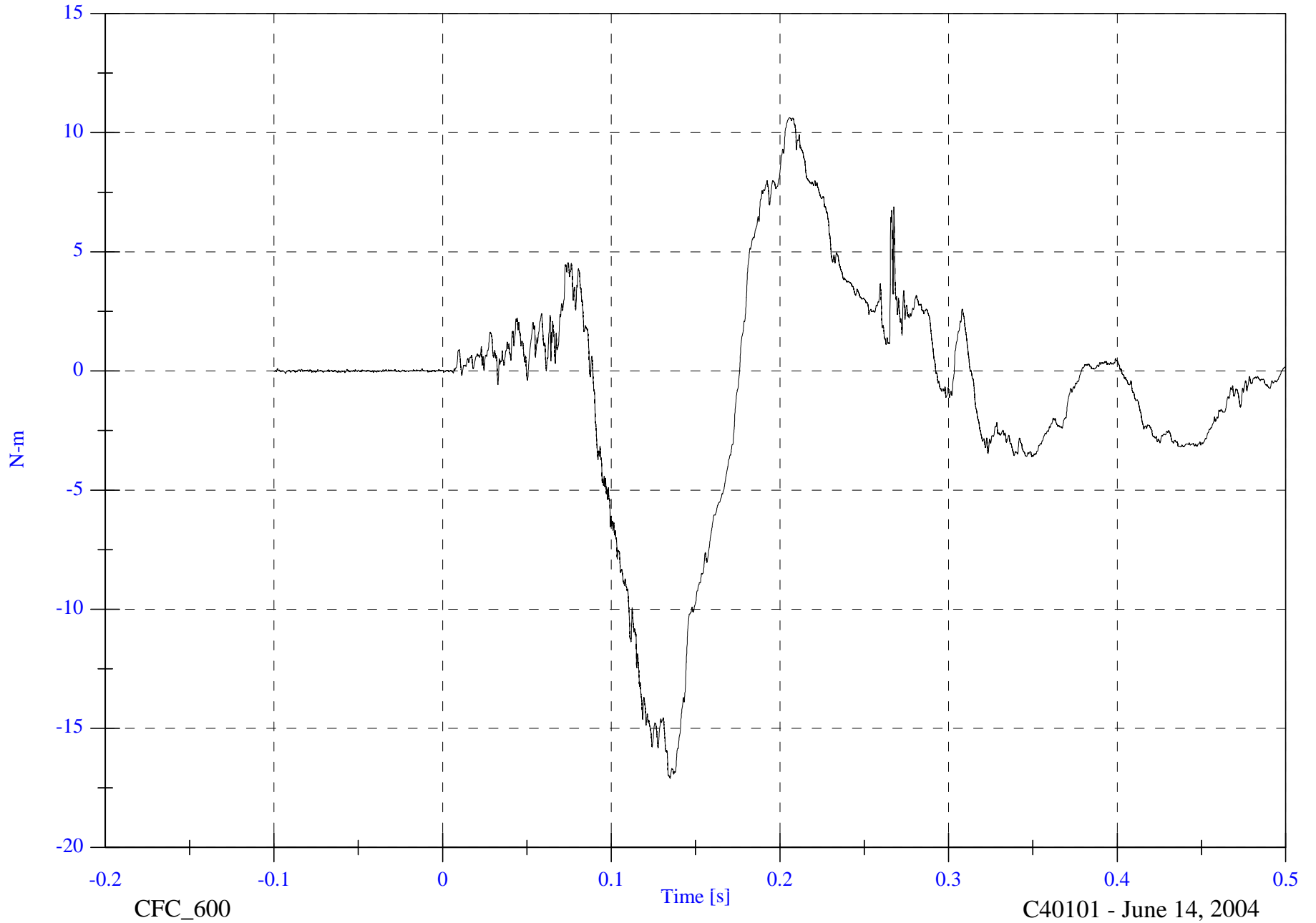
V2P1 Lower Neck Mx

Max: 10.6 [N-m] at 0.206 [s]

Min: -17.1 [N-m] at 0.135 [s]

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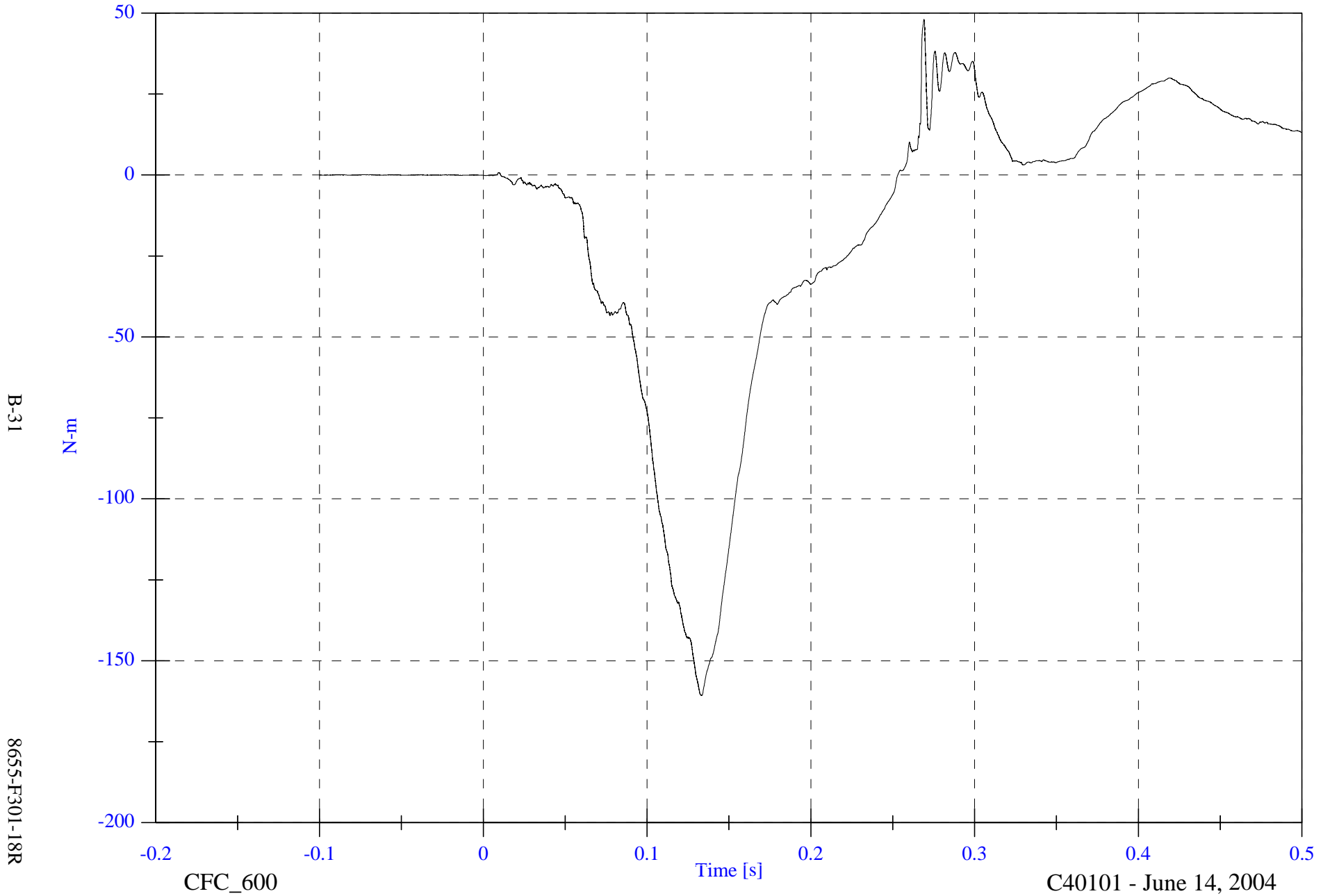
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Lower Neck My

Max: 48.1 [N-m] at 0.269 [s]

Min: -160.7 [N-m] at 0.134 [s]

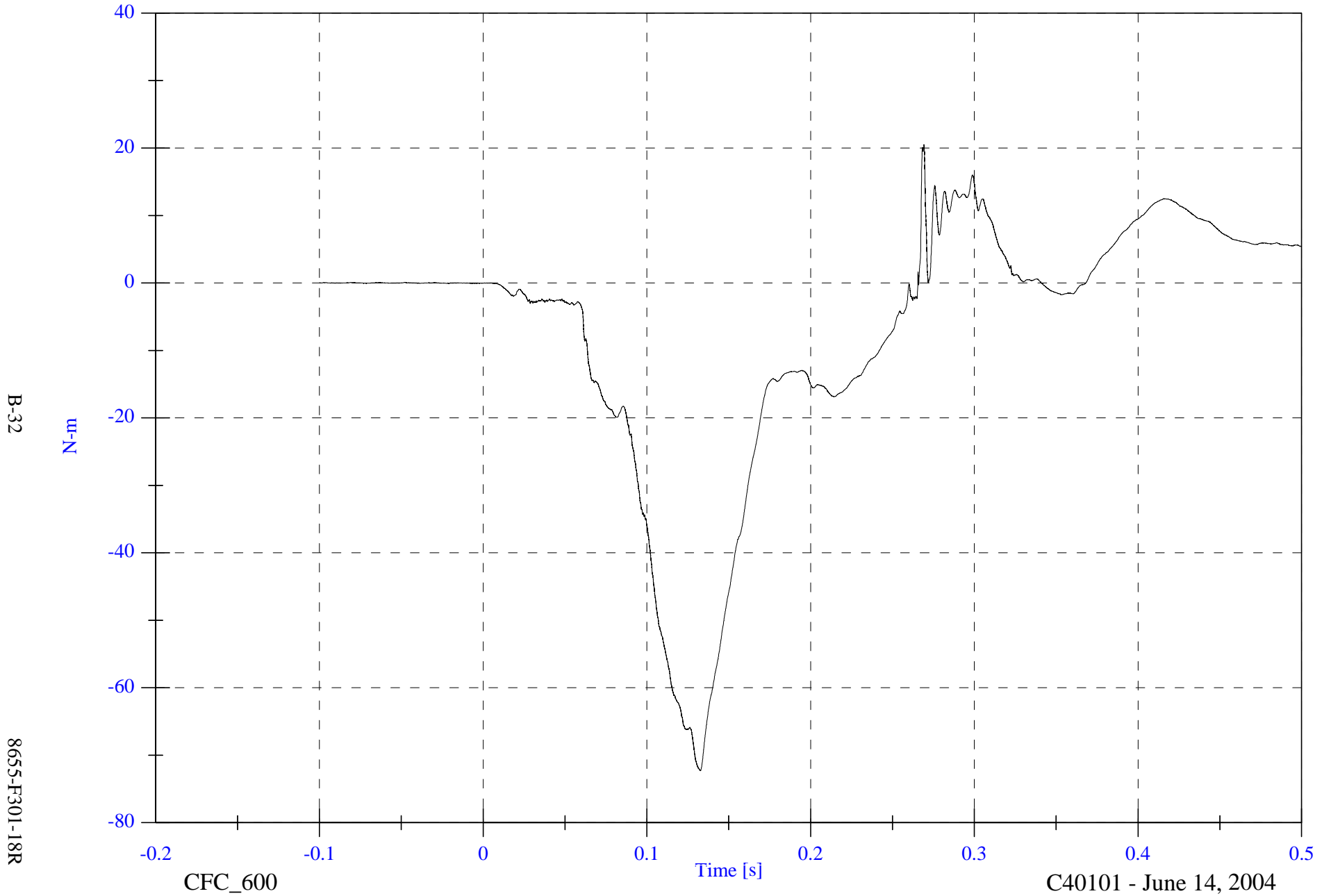


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Lower Neck Mz

Max: 20.5 [N-m] at 0.269 [s]

Min: -72.3 [N-m] at 0.133 [s]



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CFC_600

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

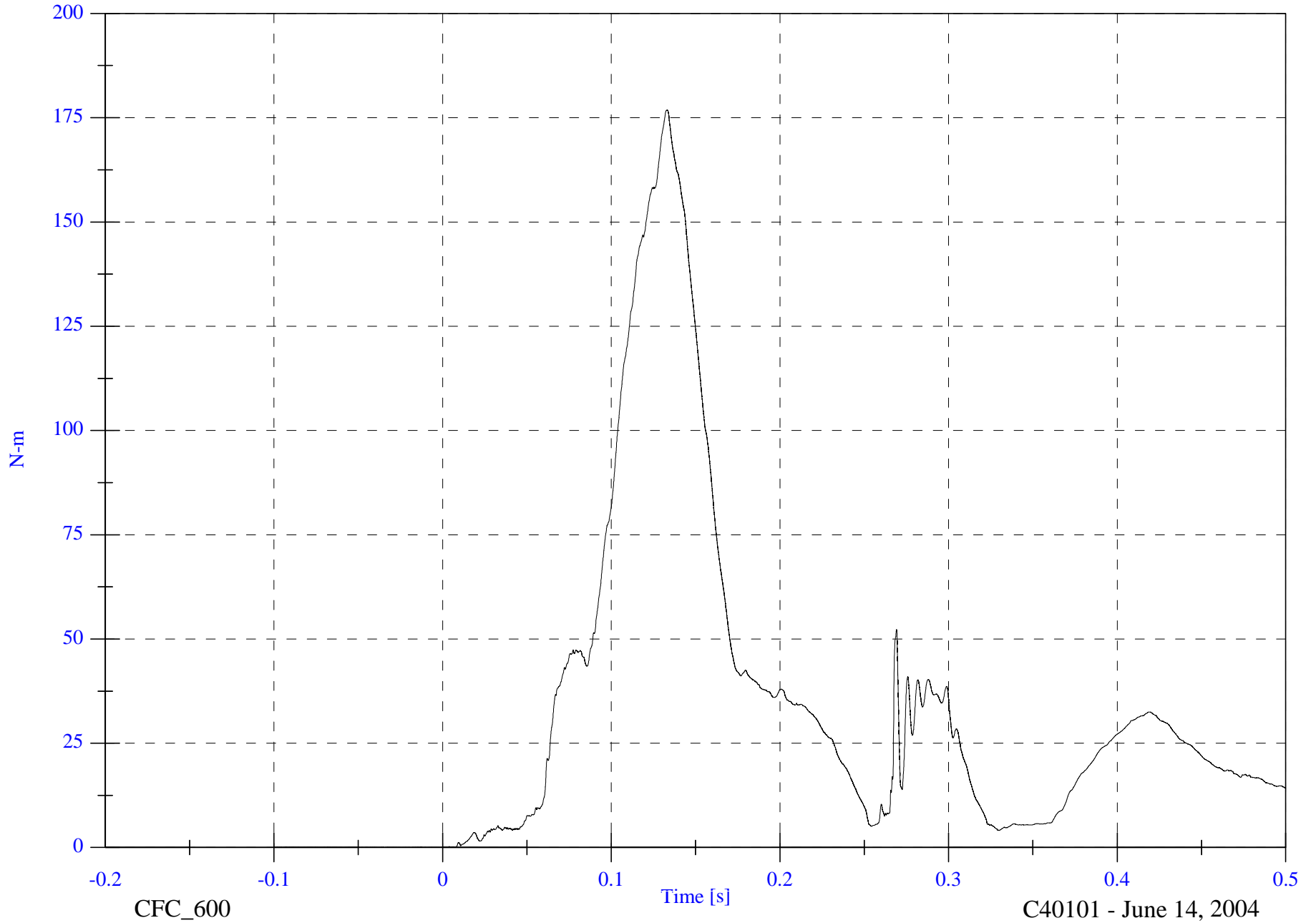
V2P1 Lower Neck M Resultant

Max: 176.9 [N-m] at 0.133 [s]

Min: 0.0 [N-m] at -0.060 [s]

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2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

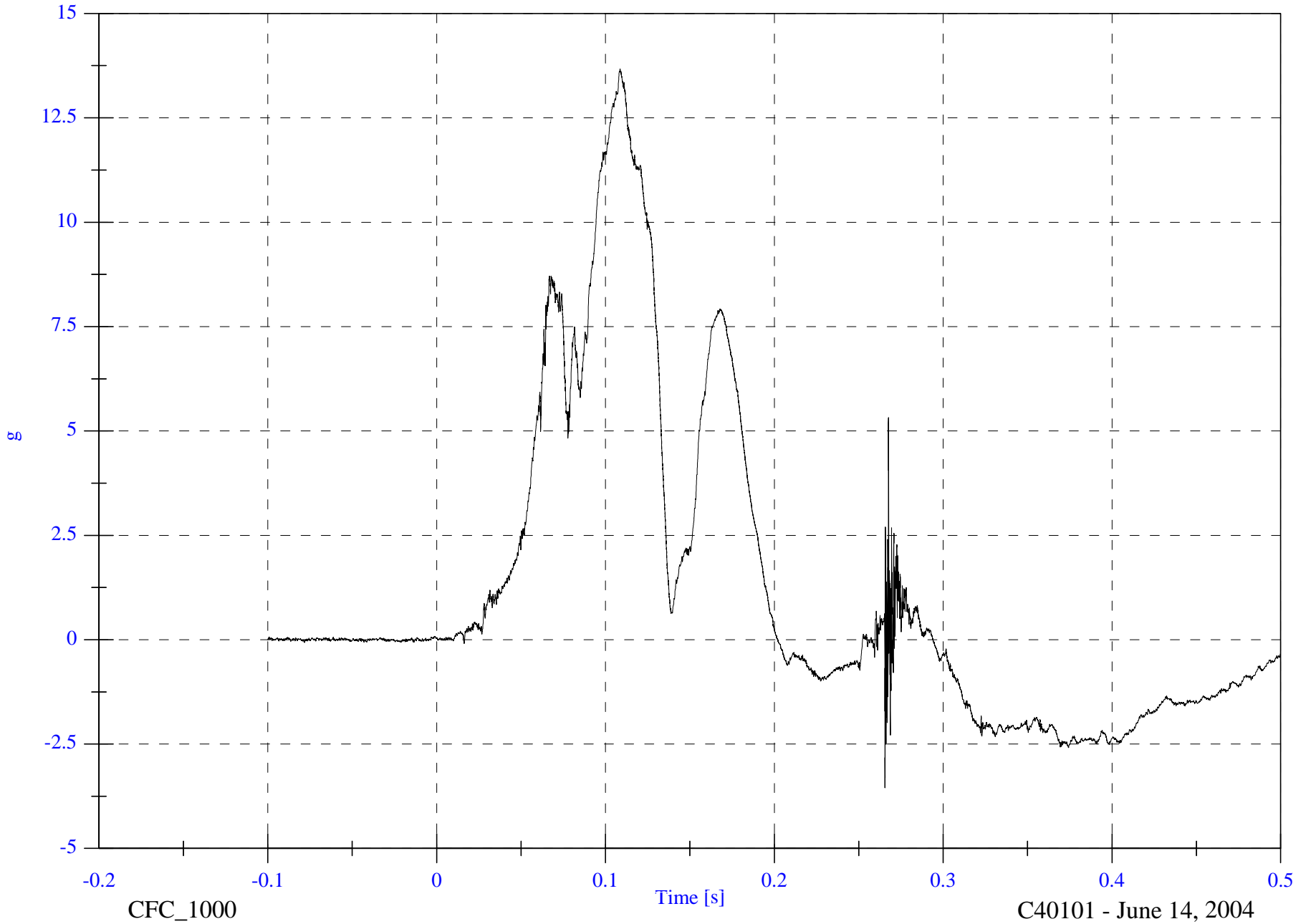
V2P1 Lower Neck x

Max: 13.7 [g] at 0.109 [s]

Min: -3.5 [g] at 0.266 [s]

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8655-F301-18R

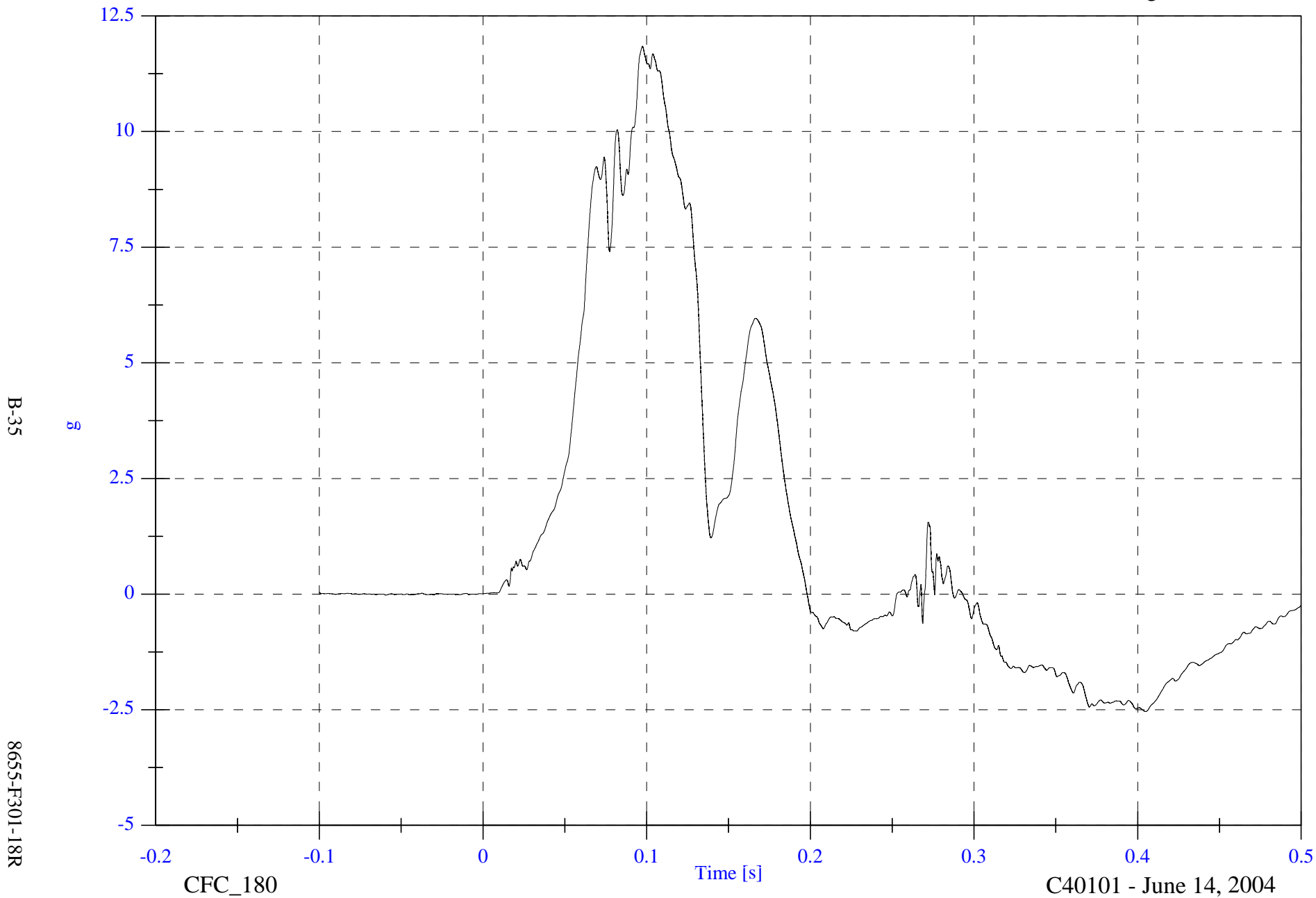


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Chest x

Max: 11.8 [g] at 0.097 [s]

Min: -2.5 [g] at 0.405 [s]

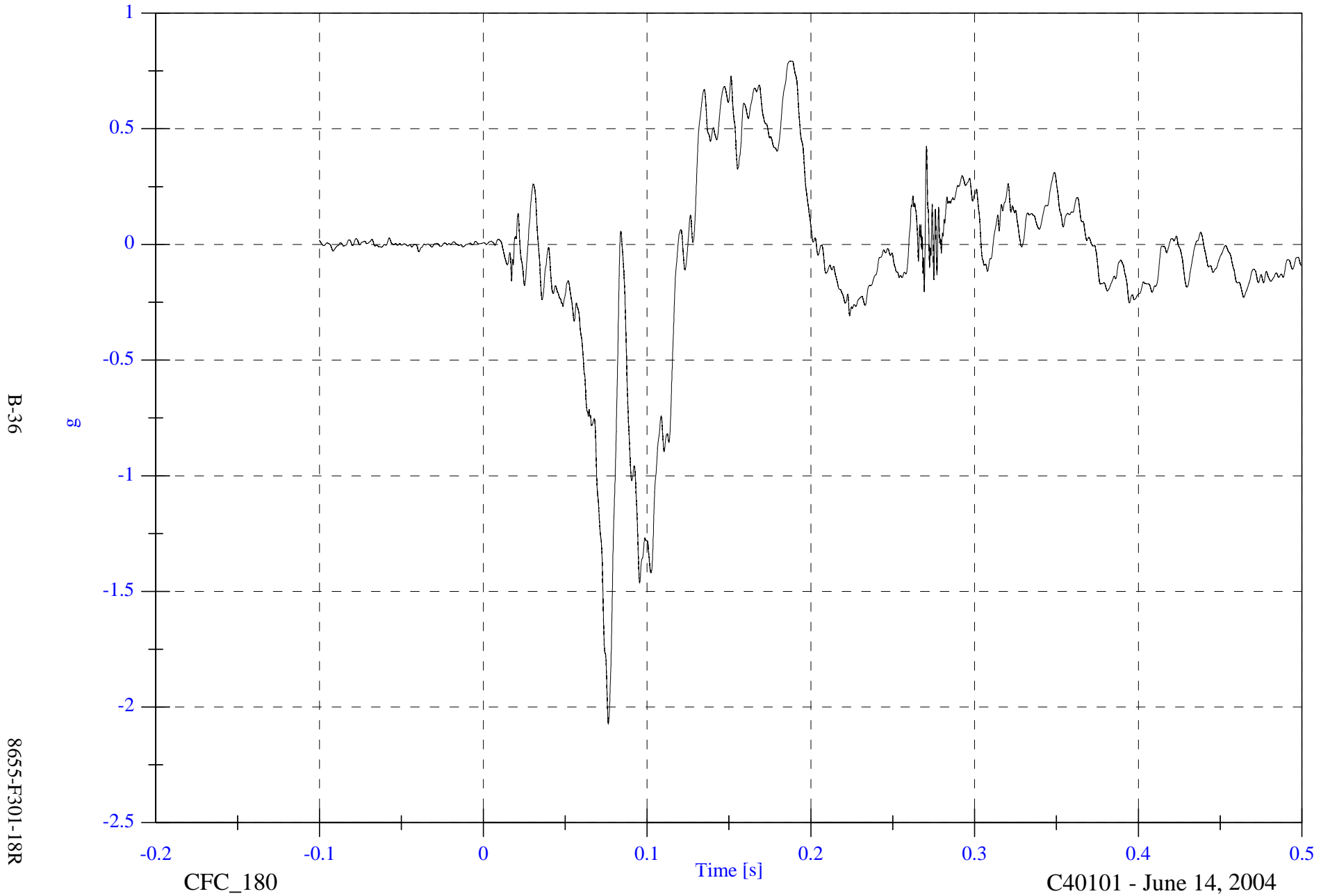


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Chest y

Max: 0.8 [g] at 0.188 [s]

Min: -2.1 [g] at 0.076 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

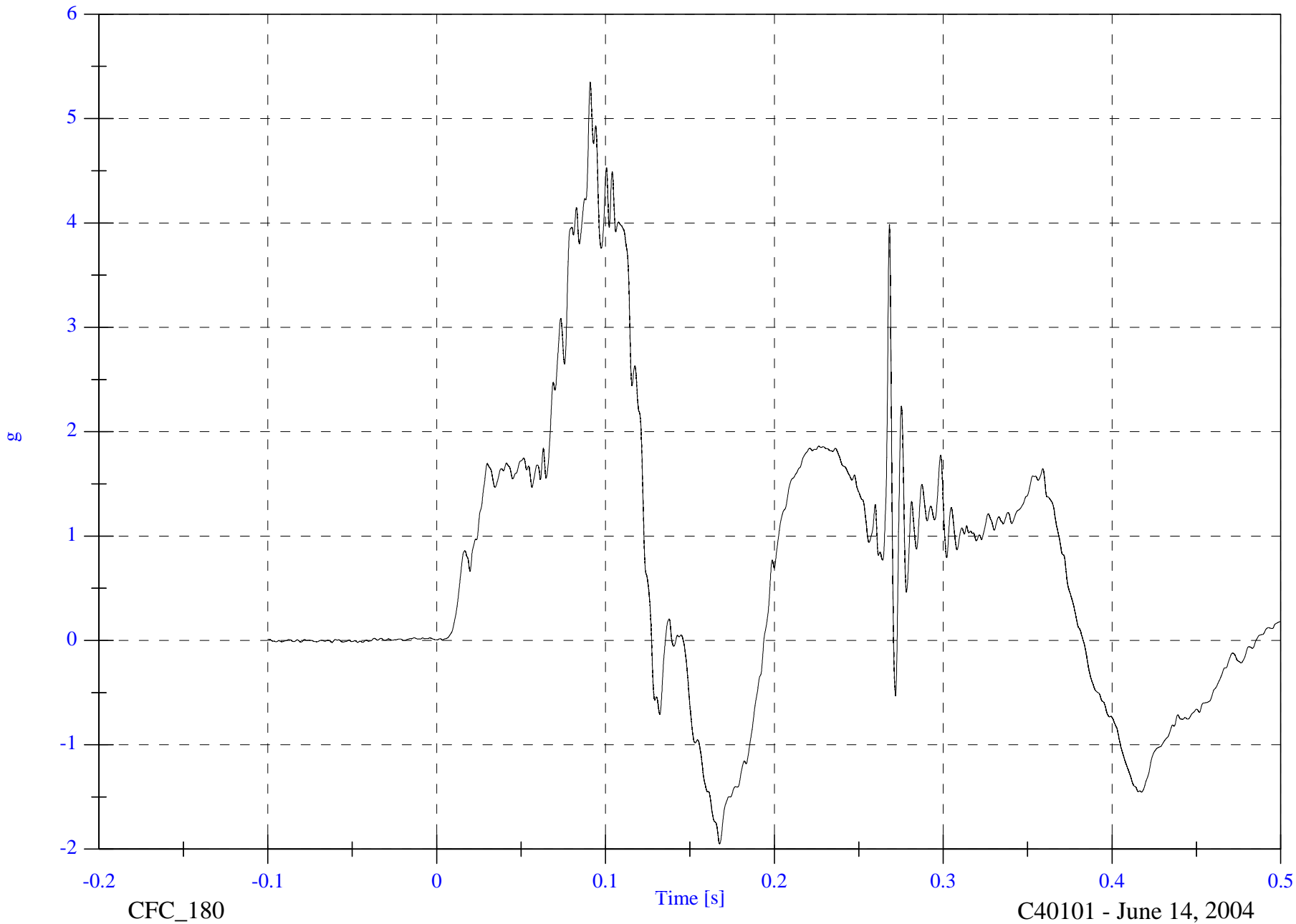
V2P1 Chest z

Max: 5.4 [g] at 0.091 [s]

Min: -1.9 [g] at 0.168 [s]

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CFC_180

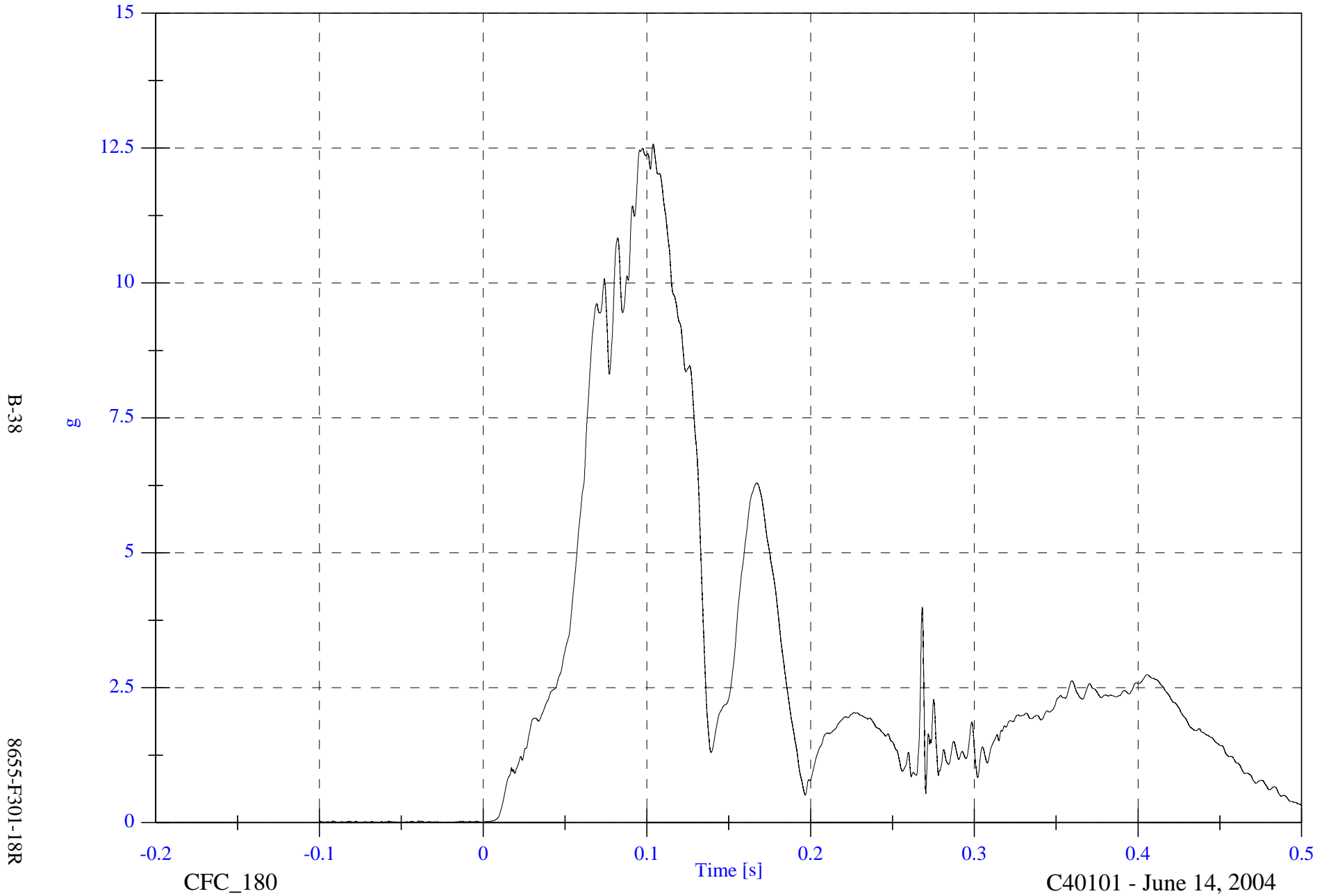
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Chest Resultant

Max: 12.6 [g] at 0.104 [s]

Min: 0.0 [g] at -0.020 [s]

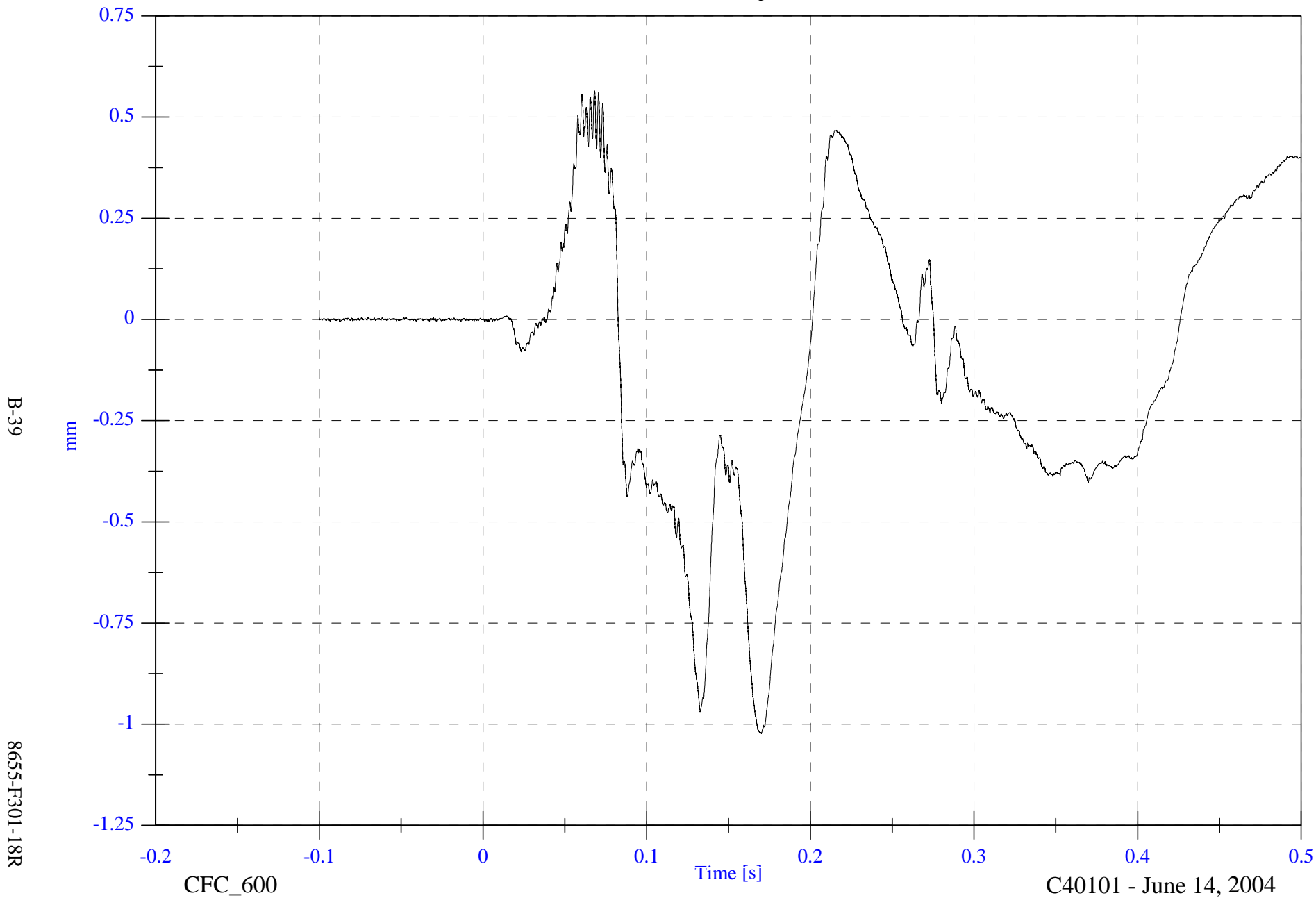


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Chest Displacement

Max: 0.6 [mm] at 0.068 [s]

Min: -1.0 [mm] at 0.170 [s]



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CFC_600

Time [s]

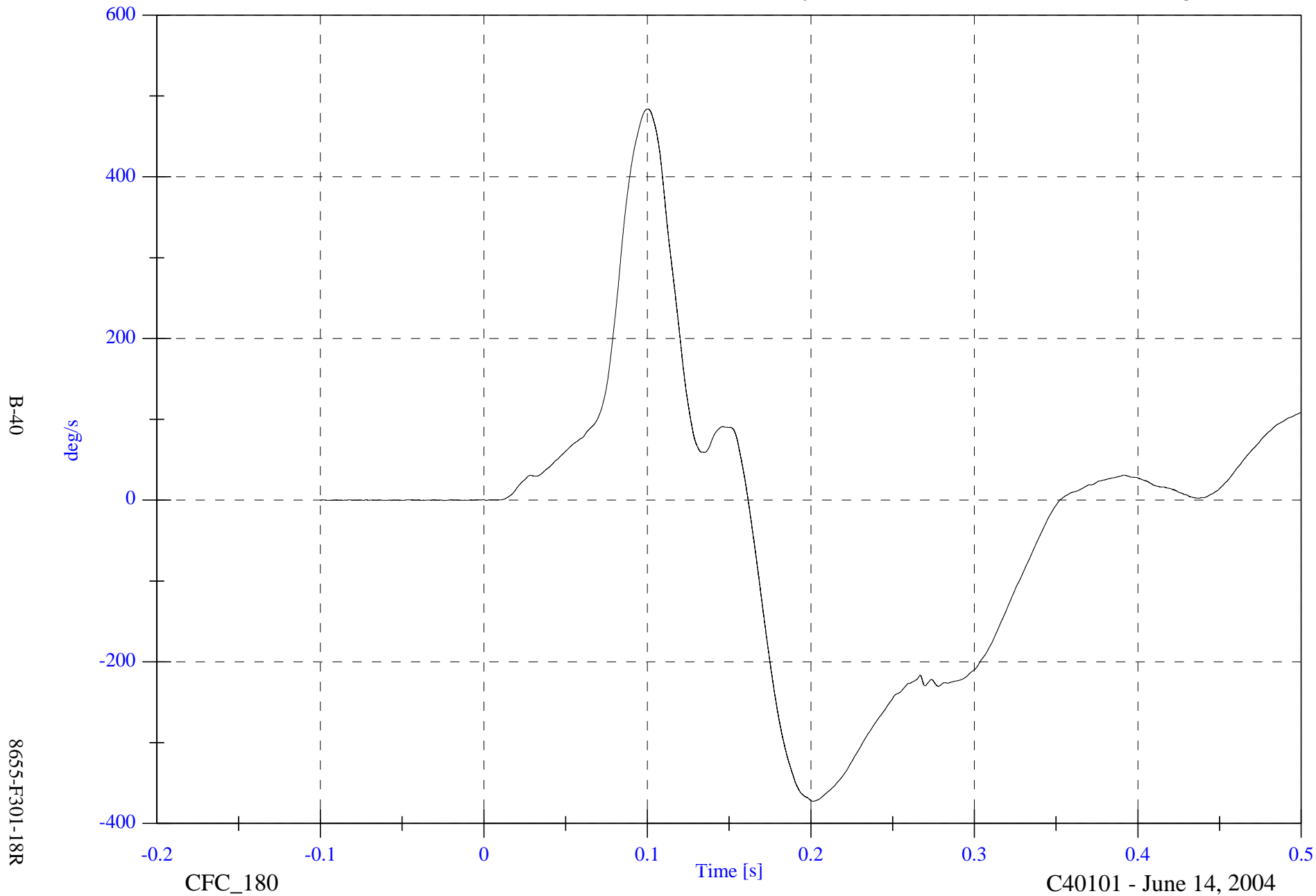
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Chest AVy

Max: 483.9 [deg/s] at 0.100 [s]

Min: -372.6 [deg/s] at 0.201 [s]

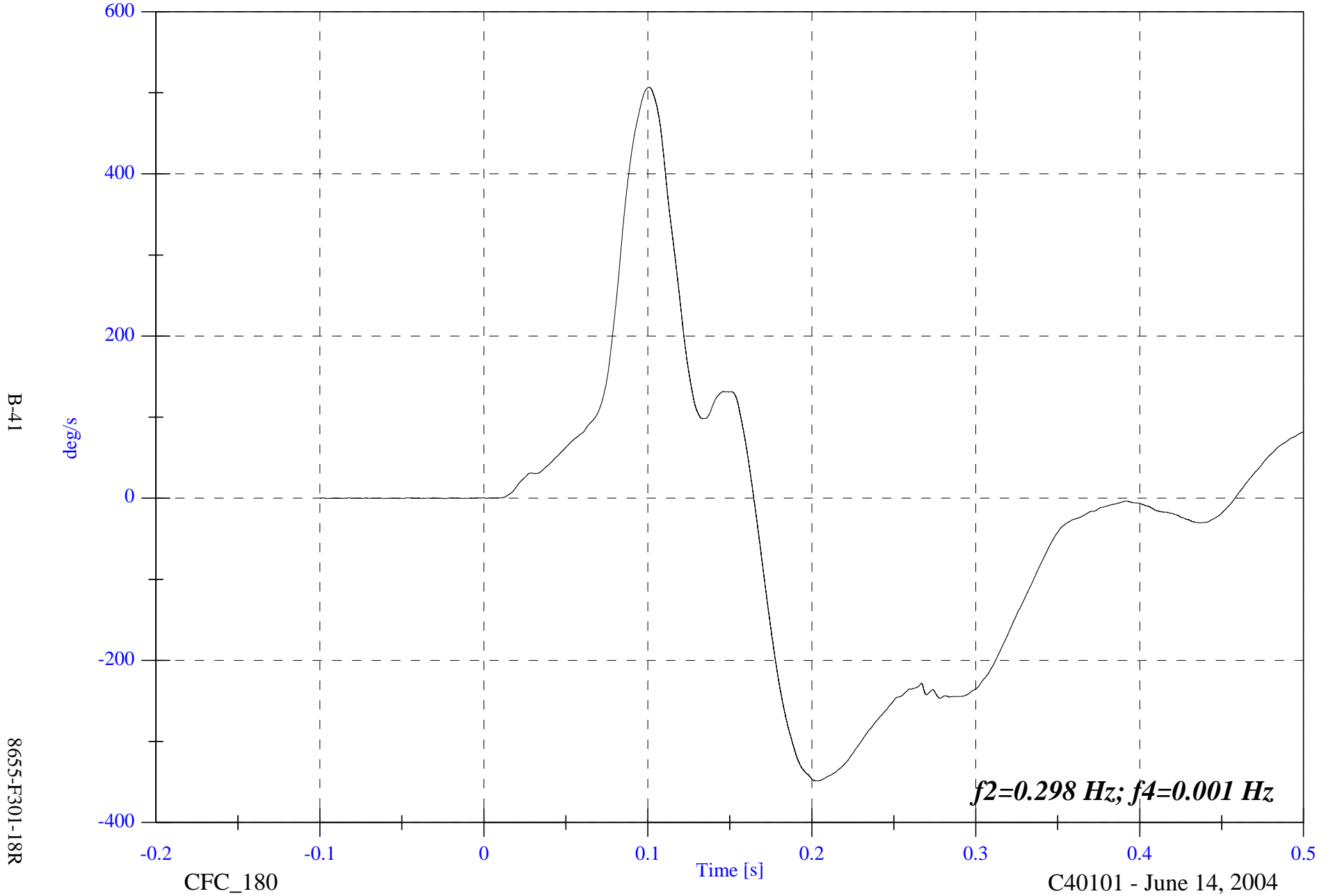


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Chest Comp AVy

Max: 506.7 [deg/s] at 0.101 [s]

Min: -348.5 [deg/s] at 0.203 [s]



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CFC_180

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

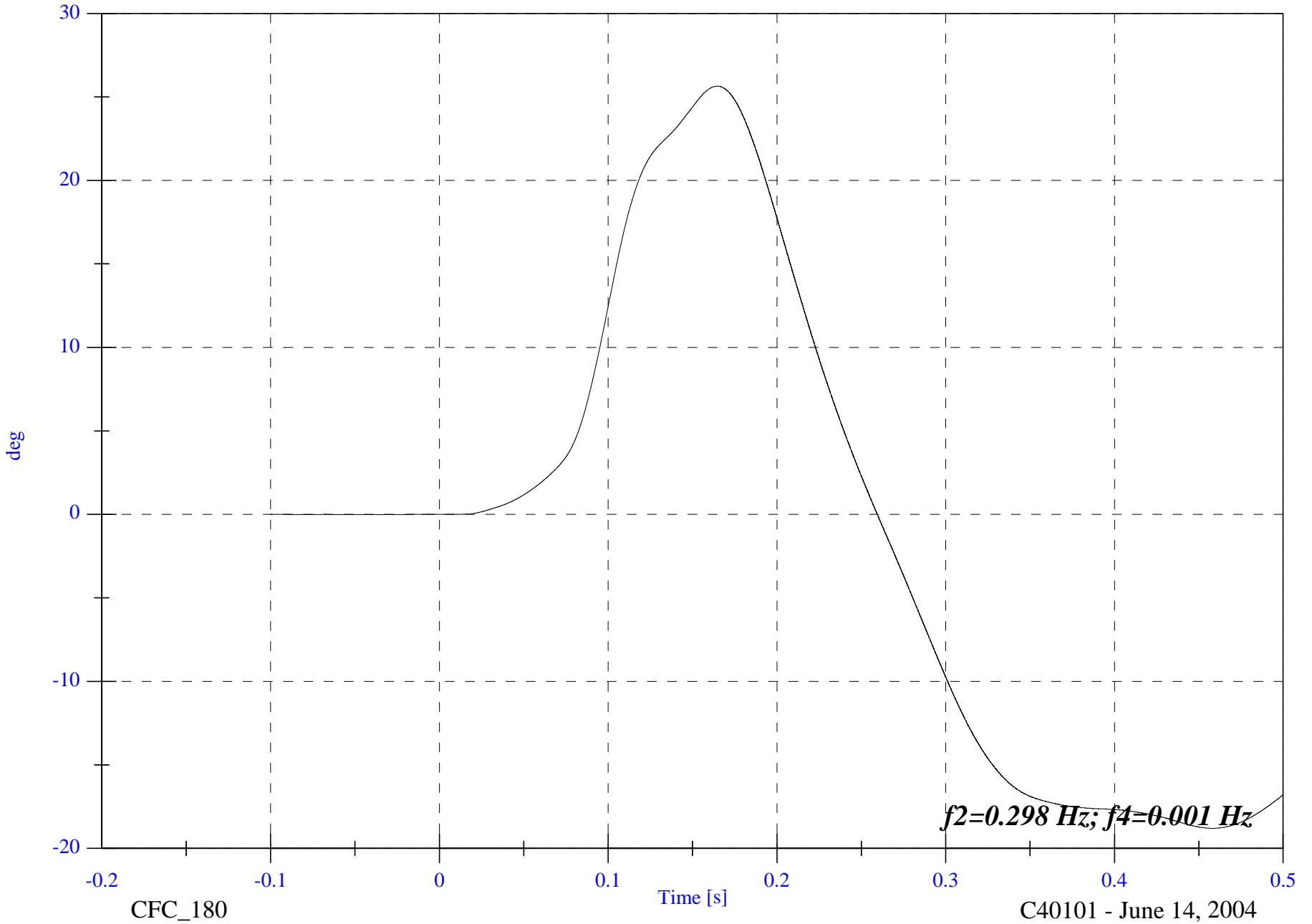
V2P1 Chest Comp ADy

Max: 25.6 [deg] at 0.165 [s]

Min: -18.8 [deg] at 0.458 [s]

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8655-F301-18R

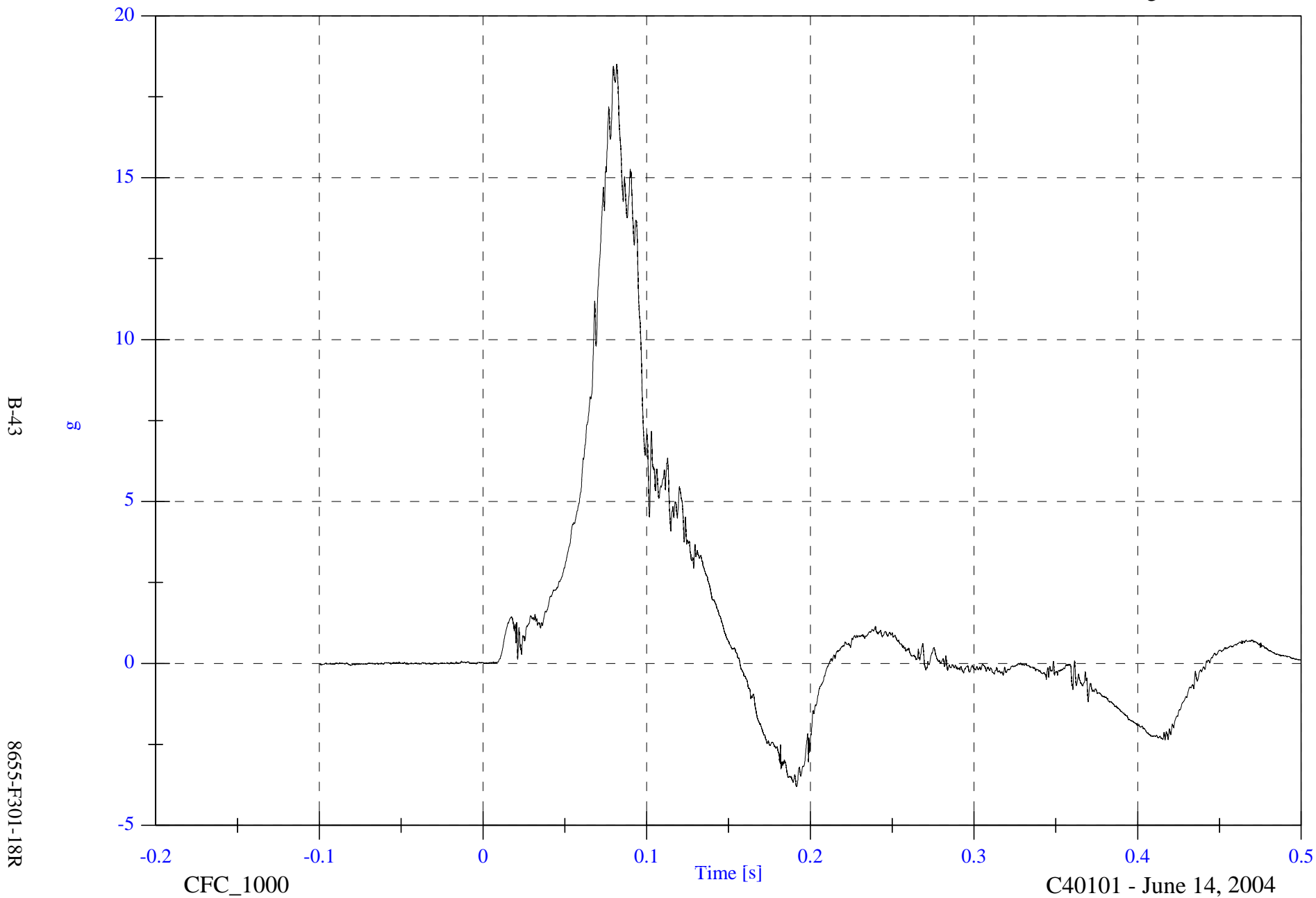


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Pelvic x

Max: 18.5 [g] at 0.082 [s]

Min: -3.8 [g] at 0.192 [s]

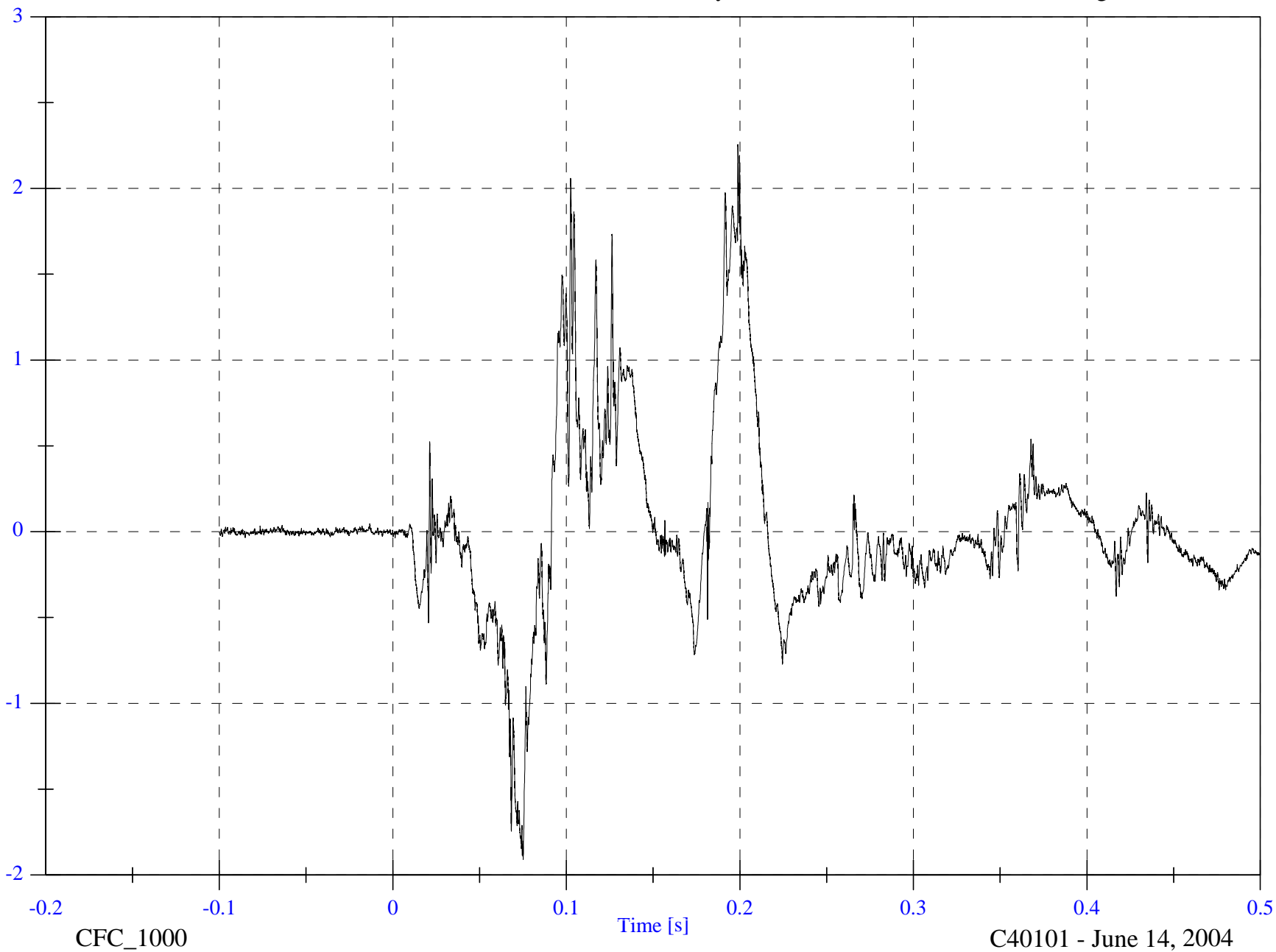


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 2.3 [g] at 0.199 [s]

V2P1 Pelvic y

Min: -1.9 [g] at 0.075 [s]



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g

8655-F301-18R

CFC_1000

Time [s]

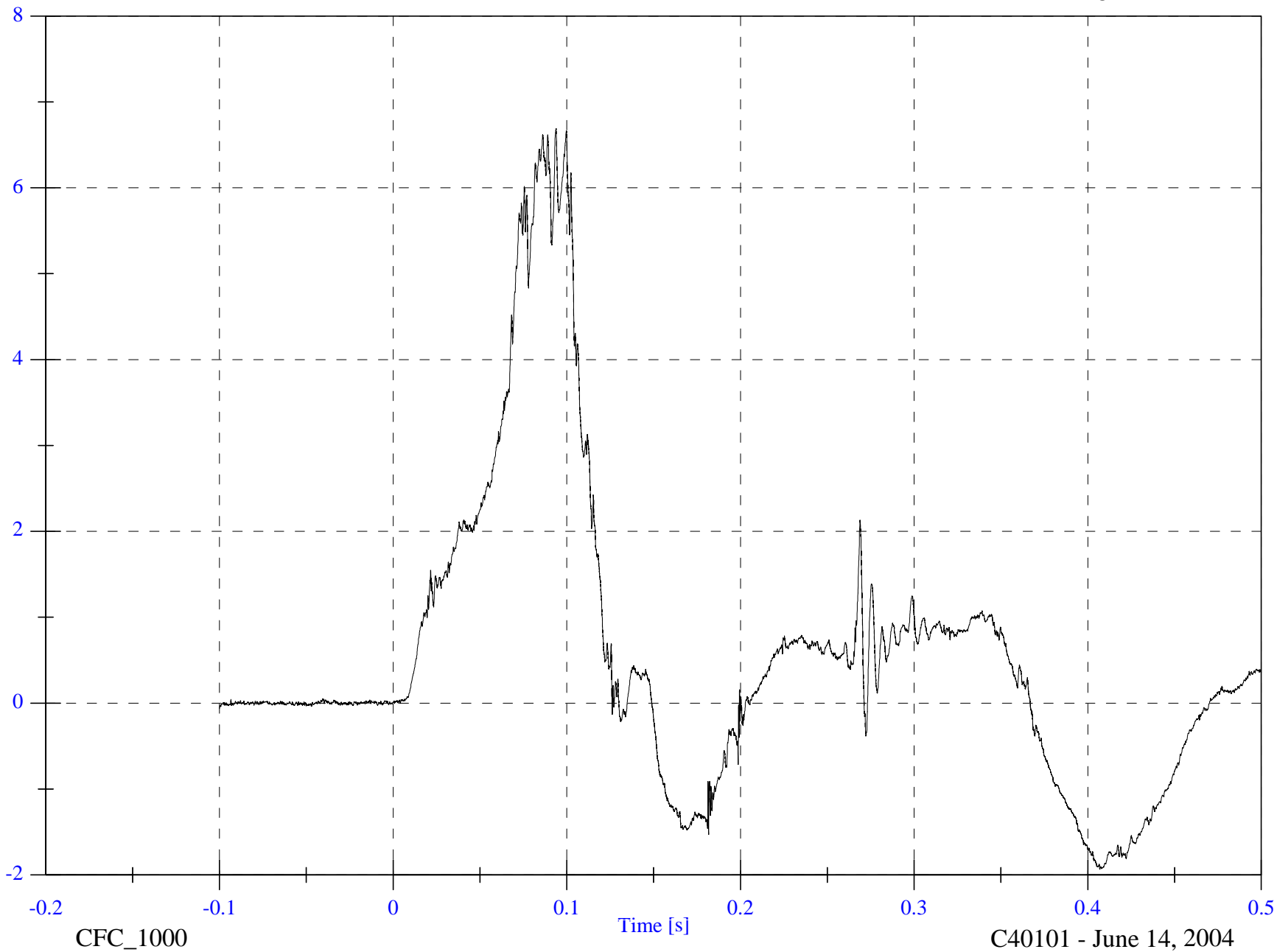
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Pelvic z

Max: 6.7 [g] at 0.094 [s]

Min: -1.9 [g] at 0.407 [s]



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8655-F301-18R

CFC_1000

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

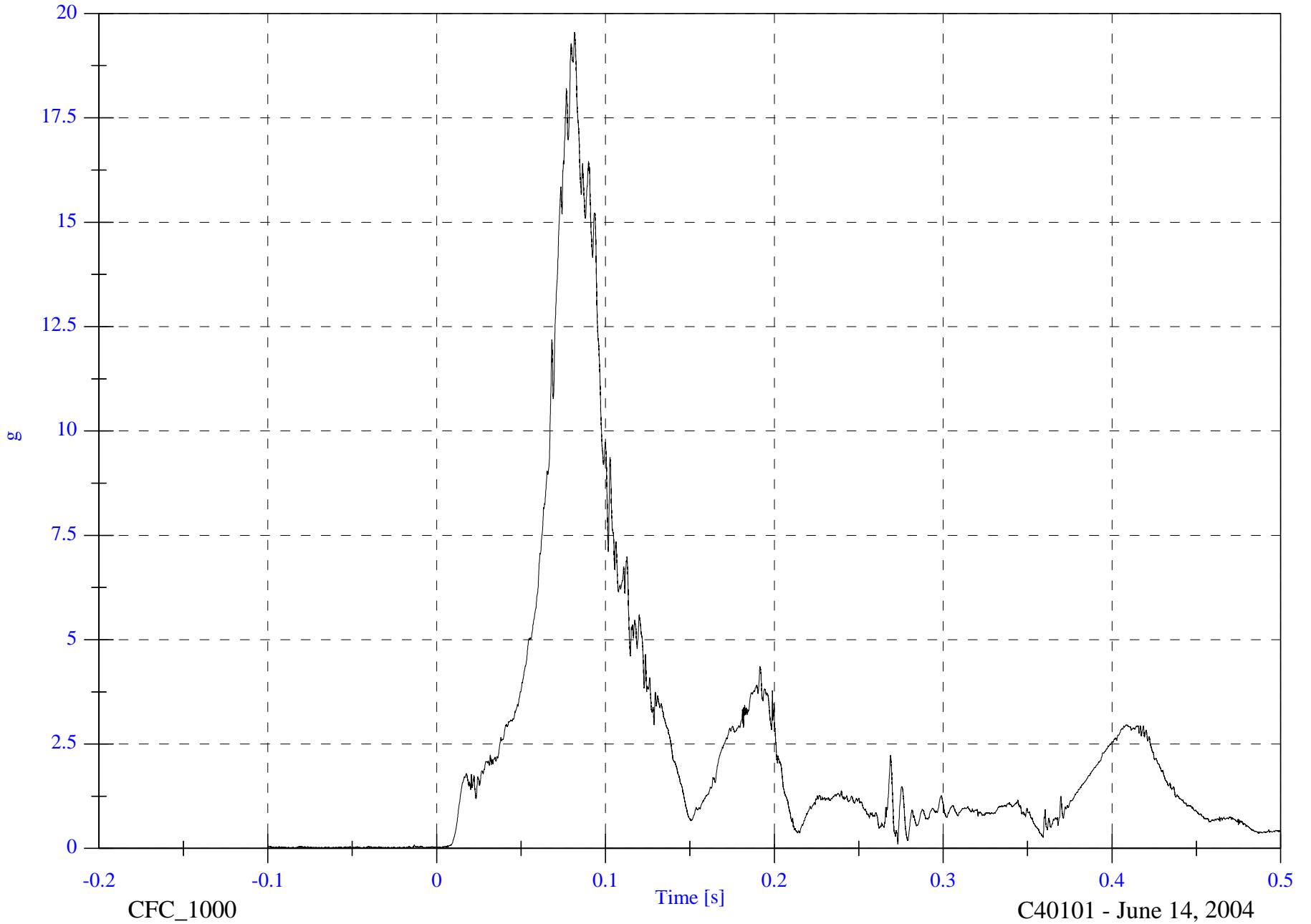
V2P1 Pelvic Resultant

Max: 19.6 [g] at 0.082 [s]

Min: 0.0 [g] at -0.089 [s]

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CFC_1000

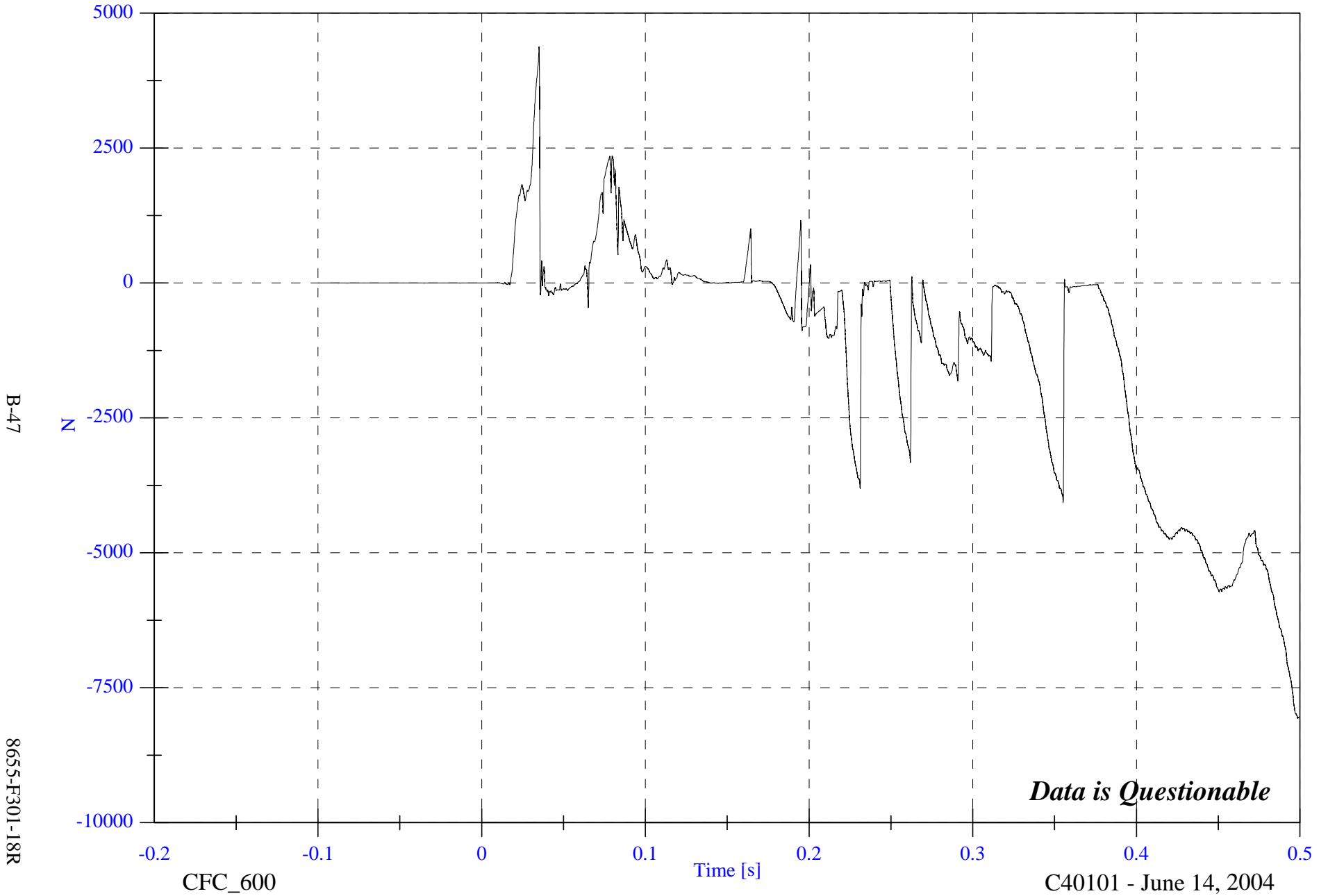
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Left Femur

Max: 4375.9 [N] at 0.035 [s]

Min: -8069.3 [N] at 0.499 [s]



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CFC_600

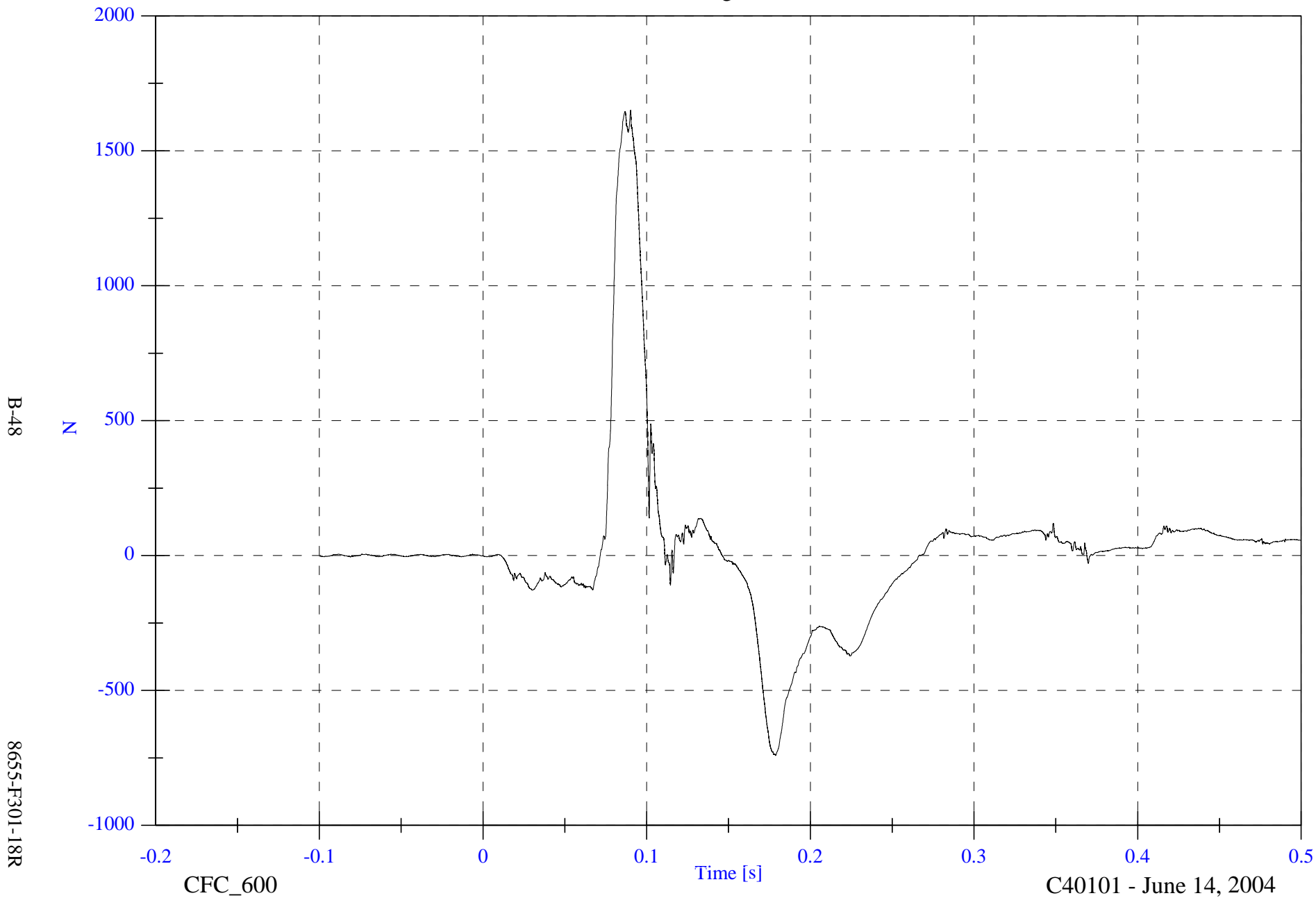
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Right Femur

Max: 1650.1 [N] at 0.090 [s]

Min: -740.6 [N] at 0.179 [s]

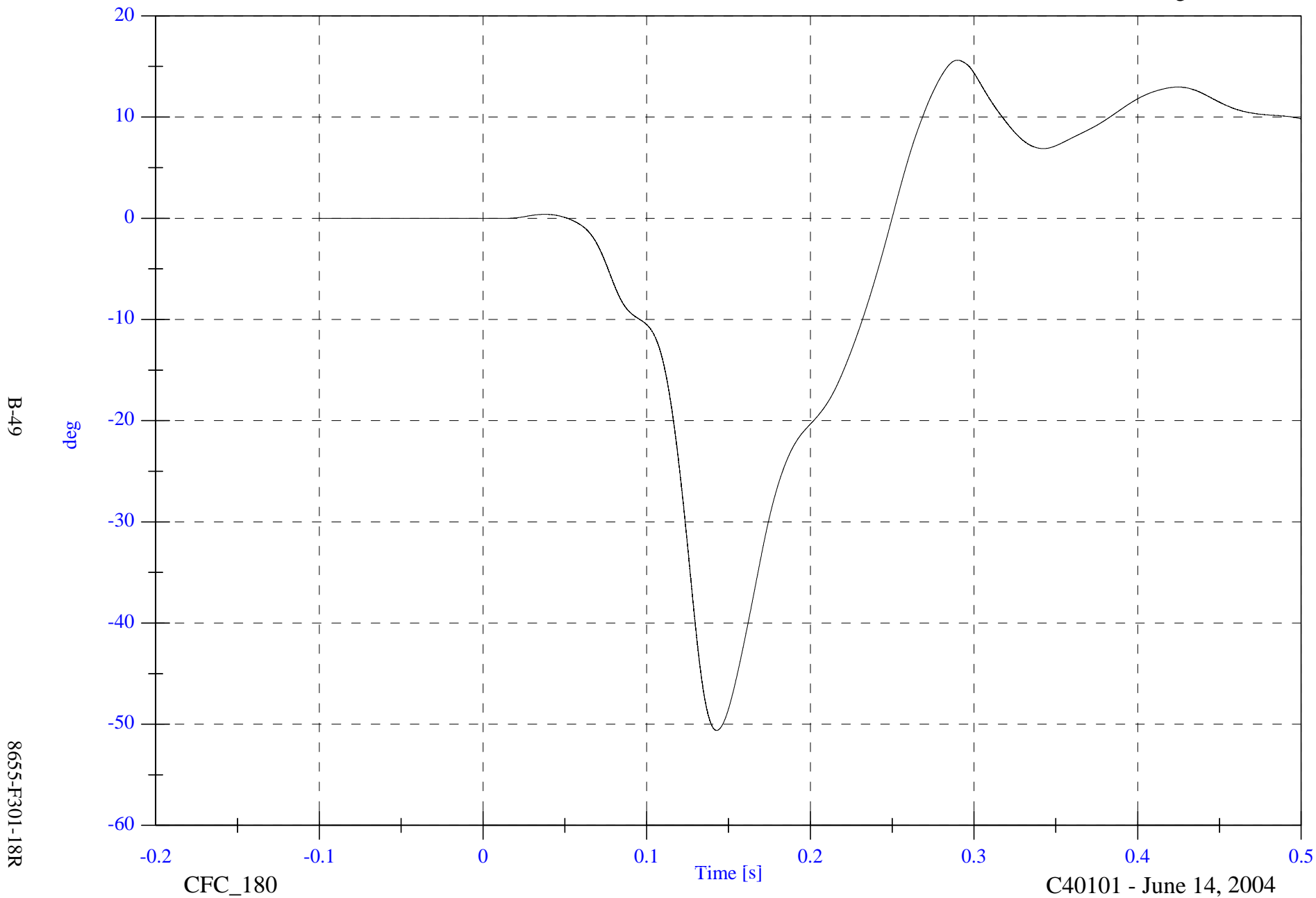


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Head to Chest

Max: 15.6 [deg] at 0.290 [s]

Min: -50.6 [deg] at 0.143 [s]



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8655-F301-18R

CFC_180

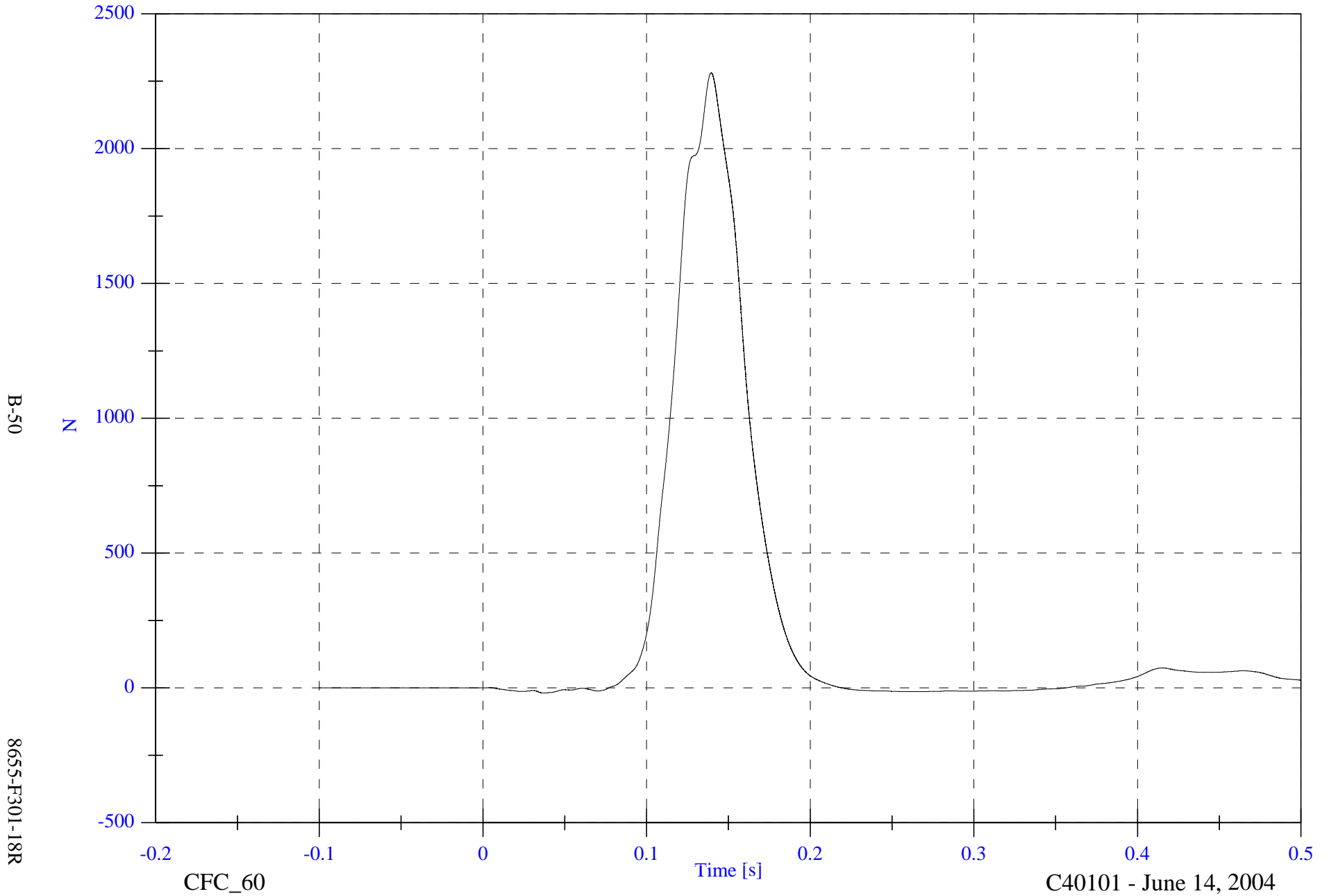
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Lap Belt Load

Max: 2281.0 [N] at 0.139 [s]

Min: -18.9 [N] at 0.037 [s]



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8655-F301-18R

CFC_60

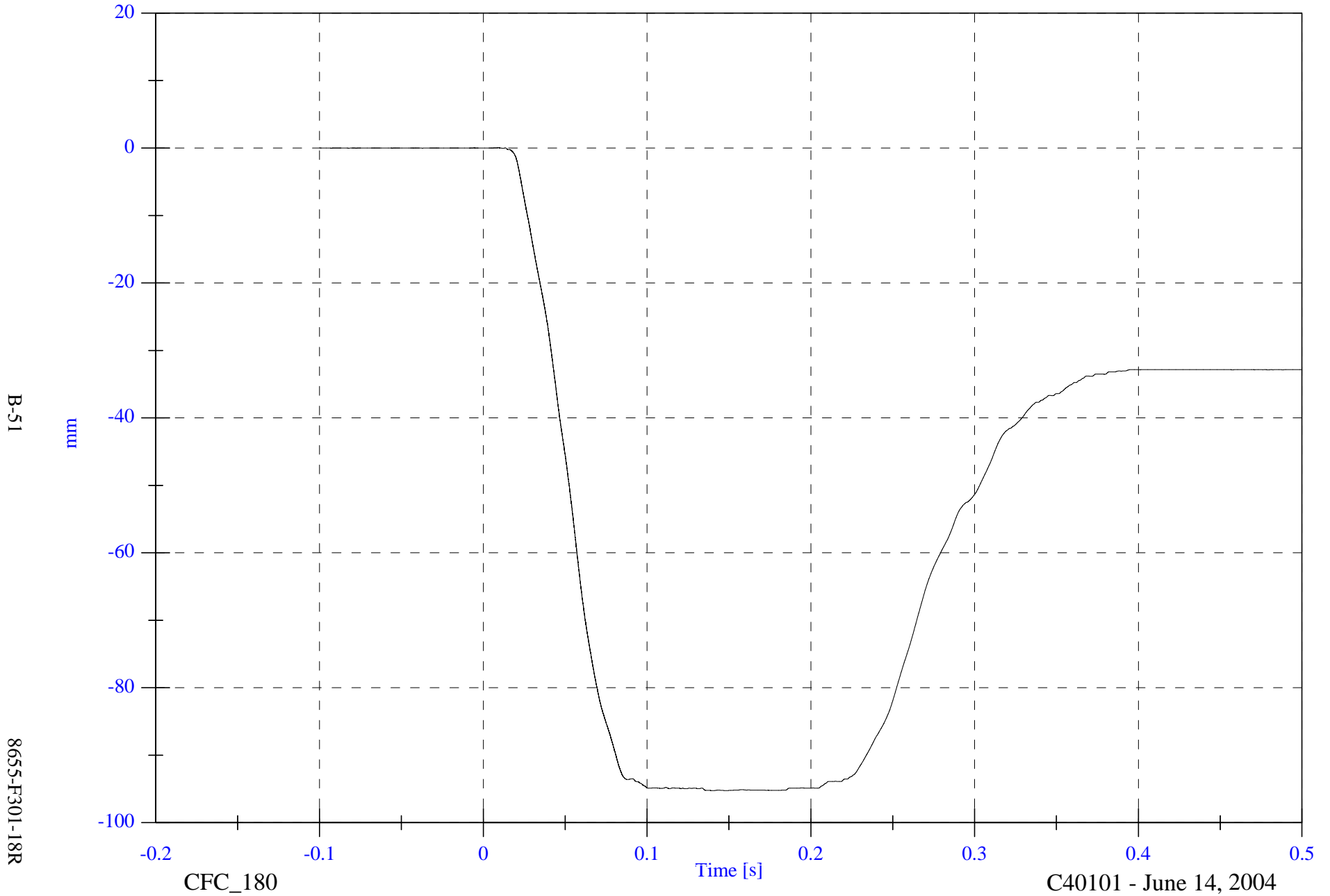
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Belt Spoolout

Max: 0.1 [mm] at 0.009 [s]

Min: -95.3 [mm] at 0.140 [s]



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8655-F301-18R

CFC_180

Time [s]

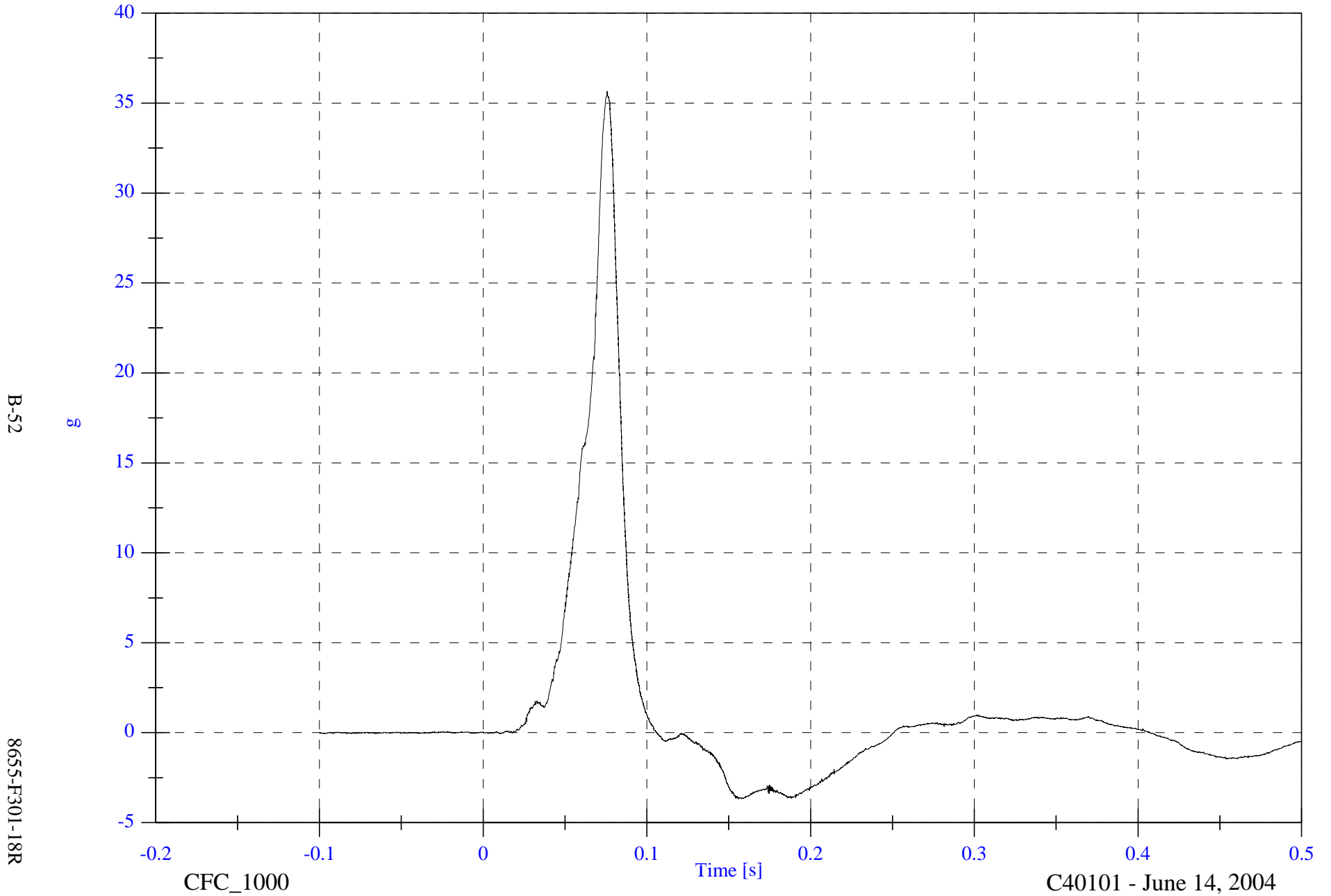
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head x

Max: 35.6 [g] at 0.076 [s]

Min: -3.7 [g] at 0.156 [s]

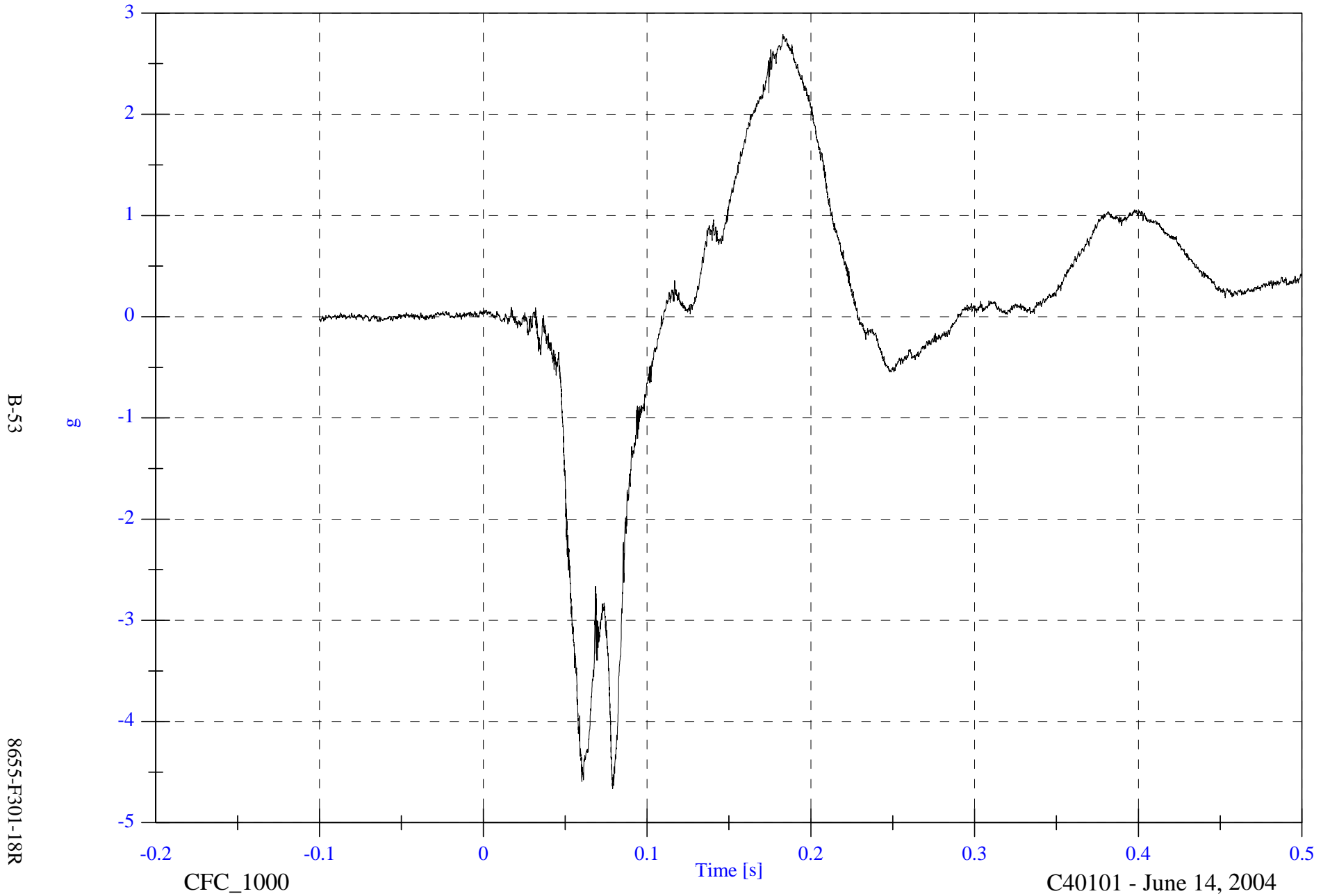


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head y

Max: 2.8 [g] at 0.183 [s]

Min: -4.7 [g] at 0.079 [s]

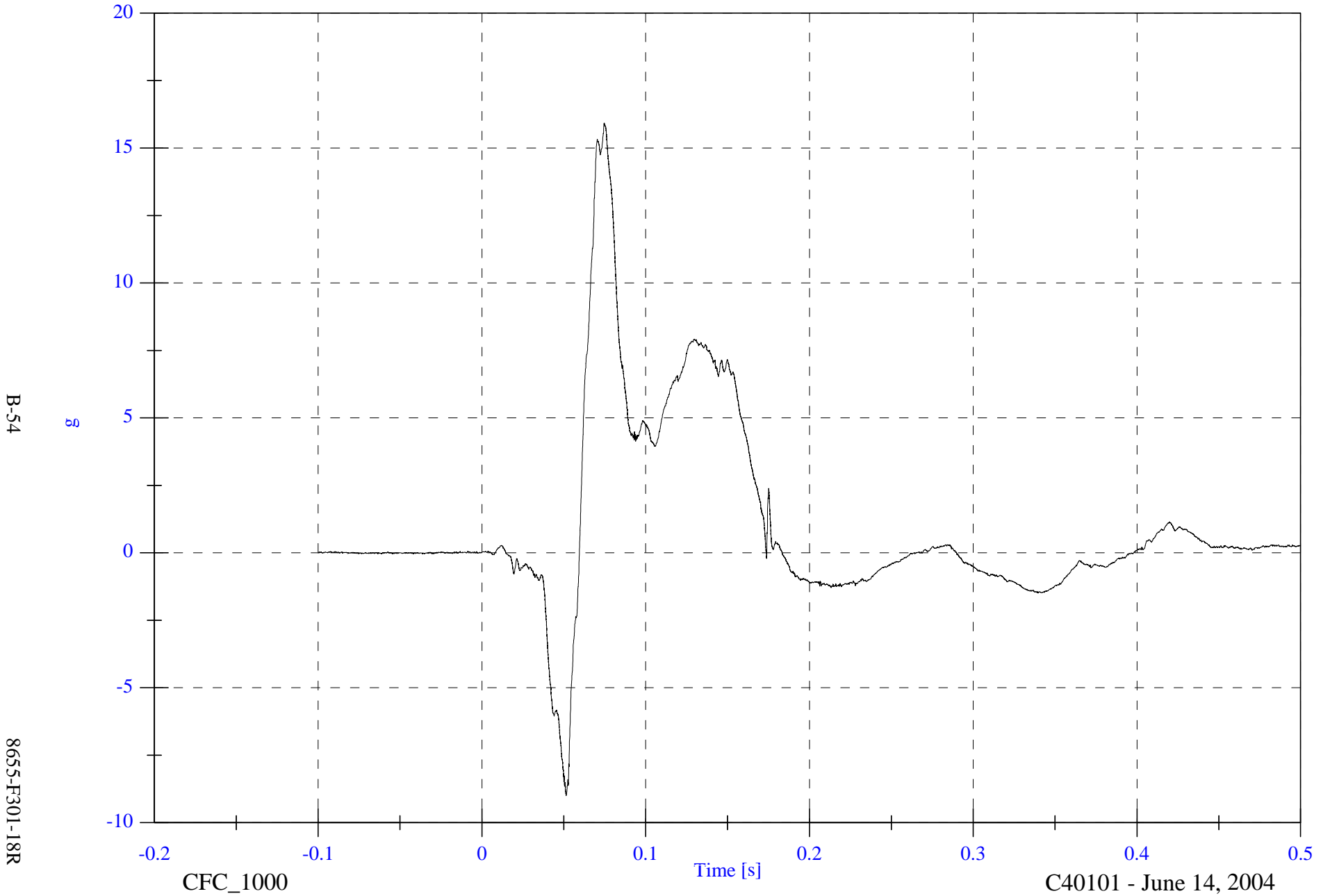


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head z

Max: 15.9 [g] at 0.075 [s]

Min: -9.0 [g] at 0.051 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

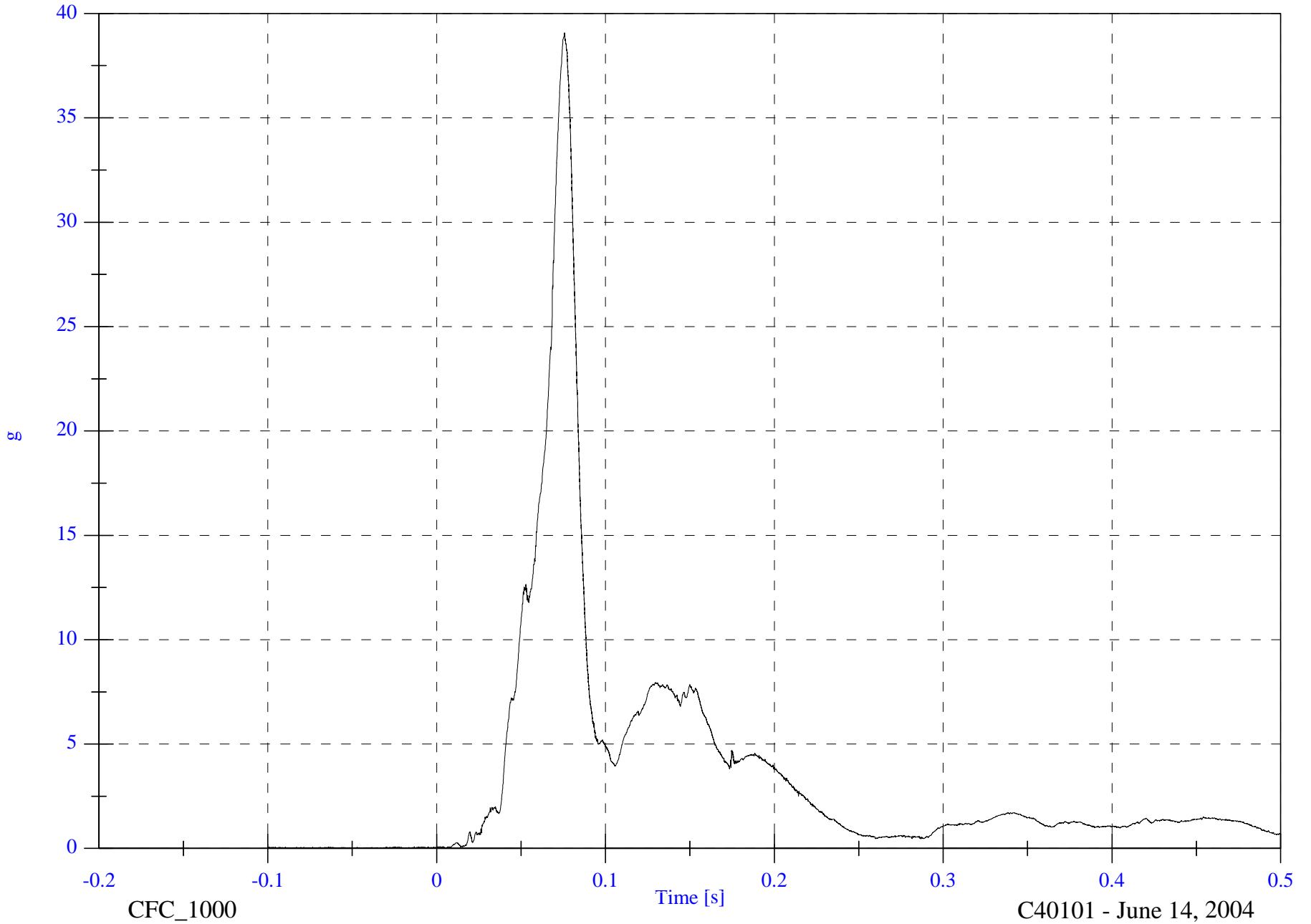
V2P3 Head Resultant

Max: 39.1 [g] at 0.076 [s]

Min: 0.0 [g] at -0.034 [s]

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8655-F301-18R



CFC_1000

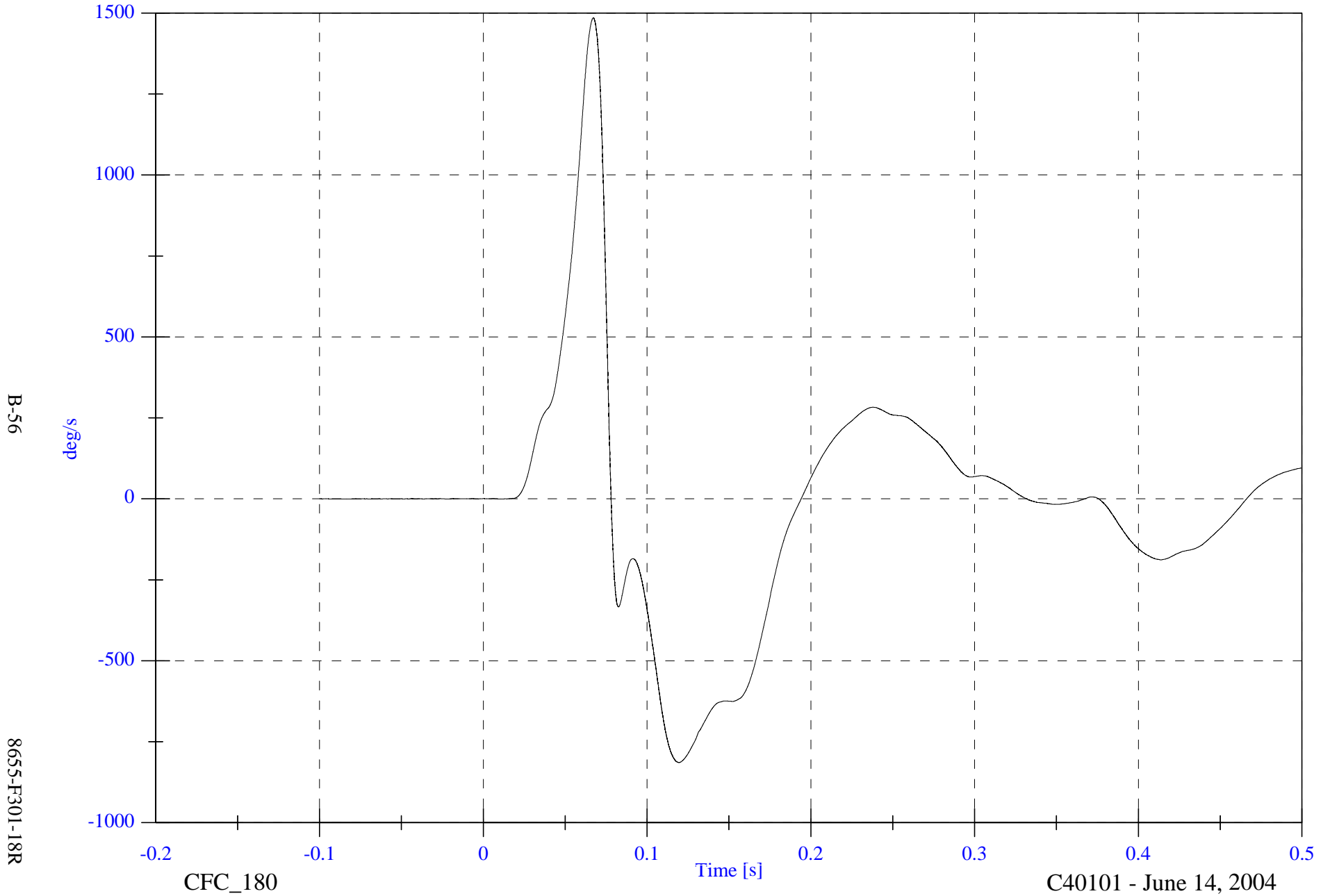
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head AVy

Max: 1485.5 [deg/s] at 0.067 [s]

Min: -814.2 [deg/s] at 0.120 [s]



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8655-F301-18R

CFC_180

Time [s]

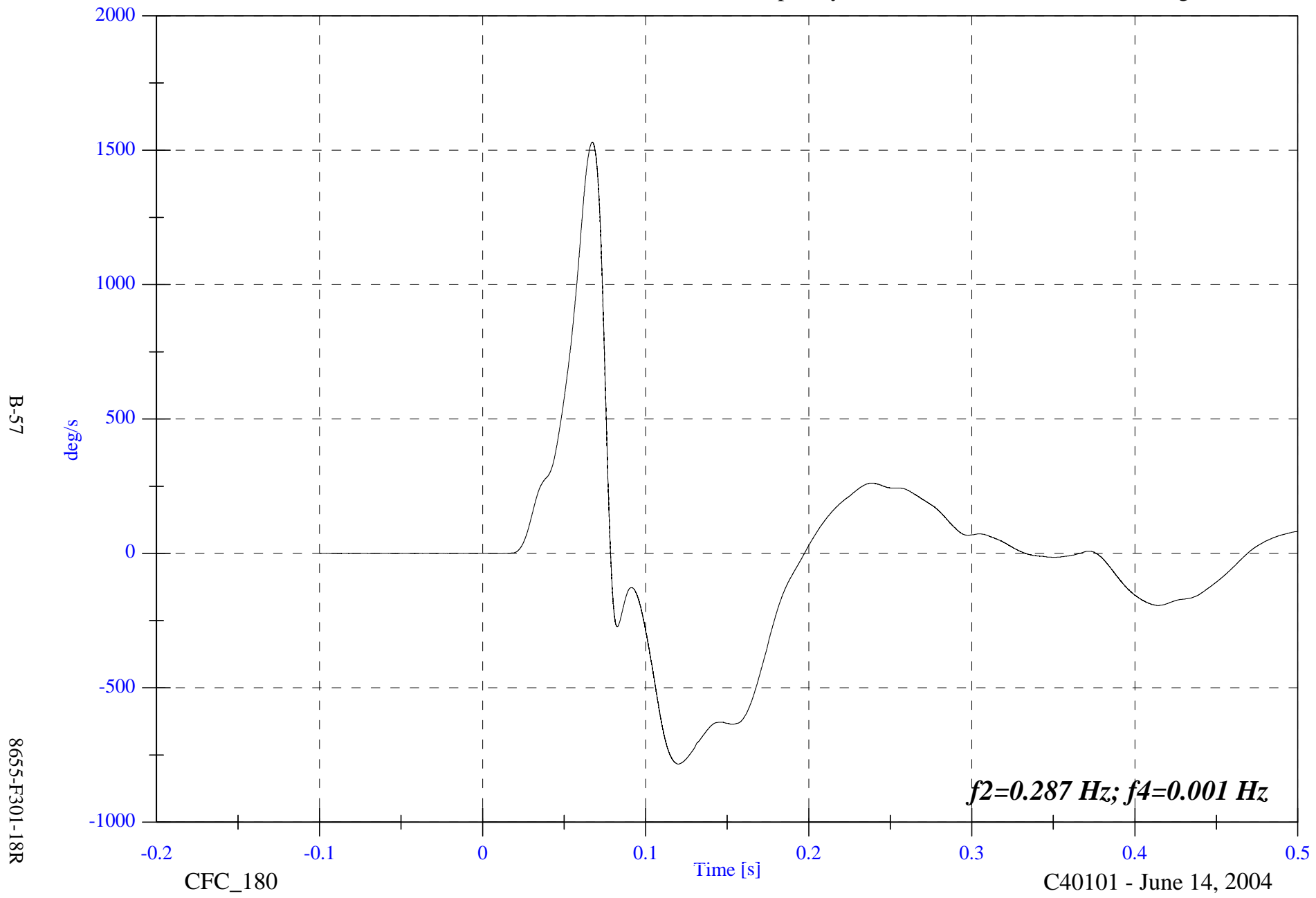
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head Comp AVy

Max: 1530.1 [deg/s] at 0.067 [s]

Min: -783.5 [deg/s] at 0.120 [s]



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CFC_180

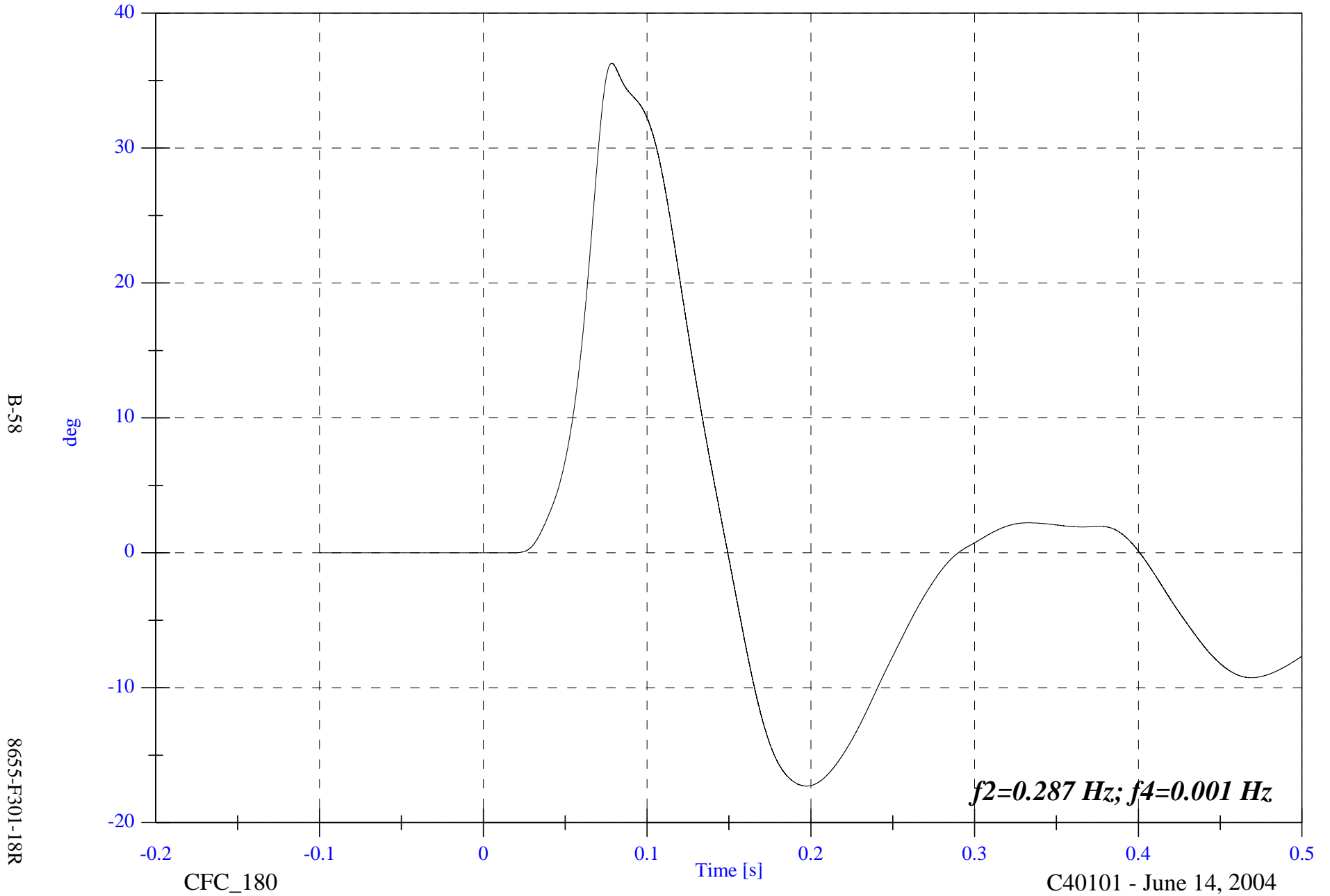
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head Comp ADy

Max: 36.3 [deg] at 0.078 [s]

Min: -17.3 [deg] at 0.197 [s]

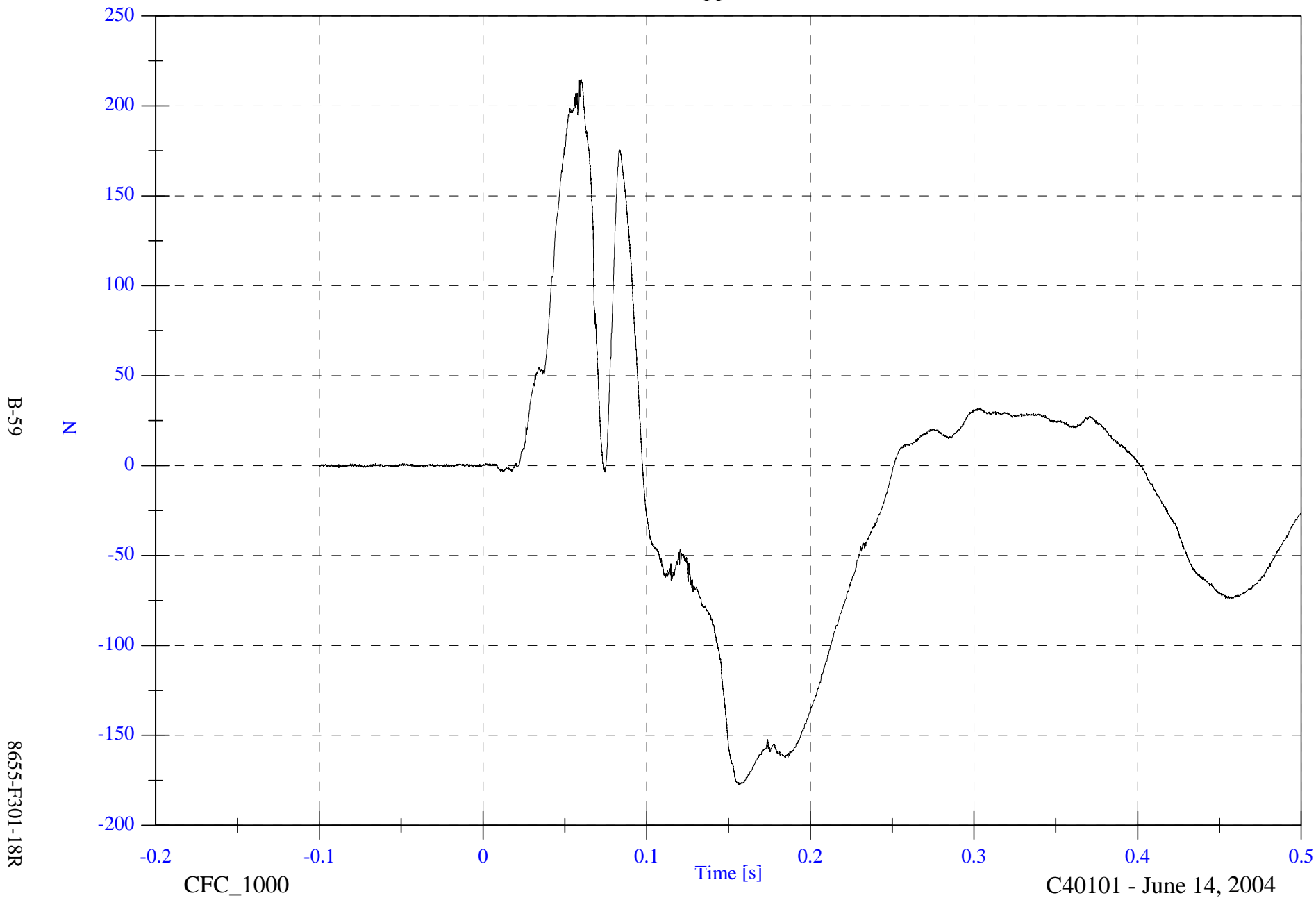


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Upper Neck Fx

Max: 214.6 [N] at 0.060 [s]

Min: -177.5 [N] at 0.156 [s]



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N

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CFC_1000

Time [s]

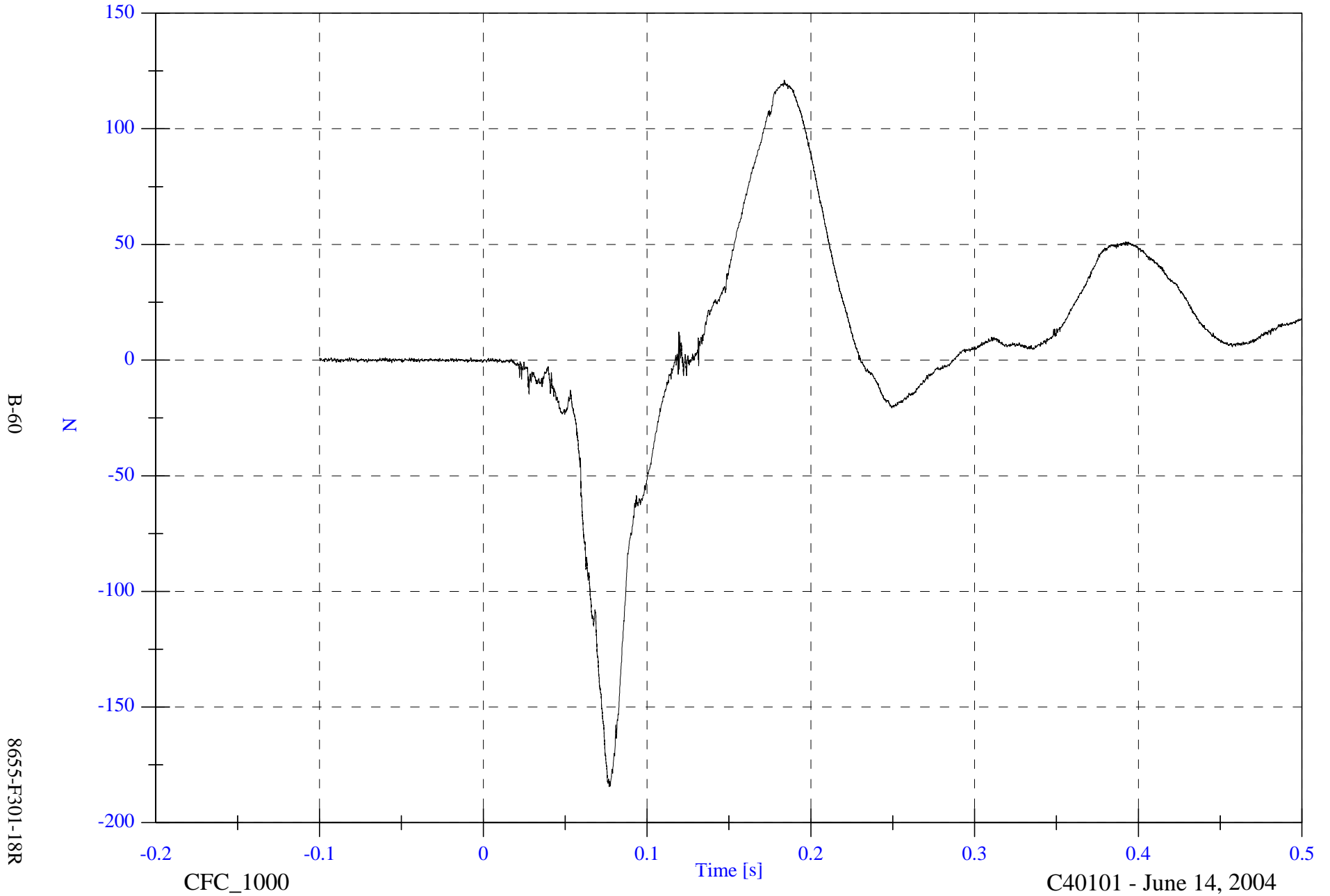
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Upper Neck Fy

Max: 121.1 [N] at 0.184 [s]

Min: -184.4 [N] at 0.077 [s]



B-60

N

8655-F301-18R

CFC_1000

Time [s]

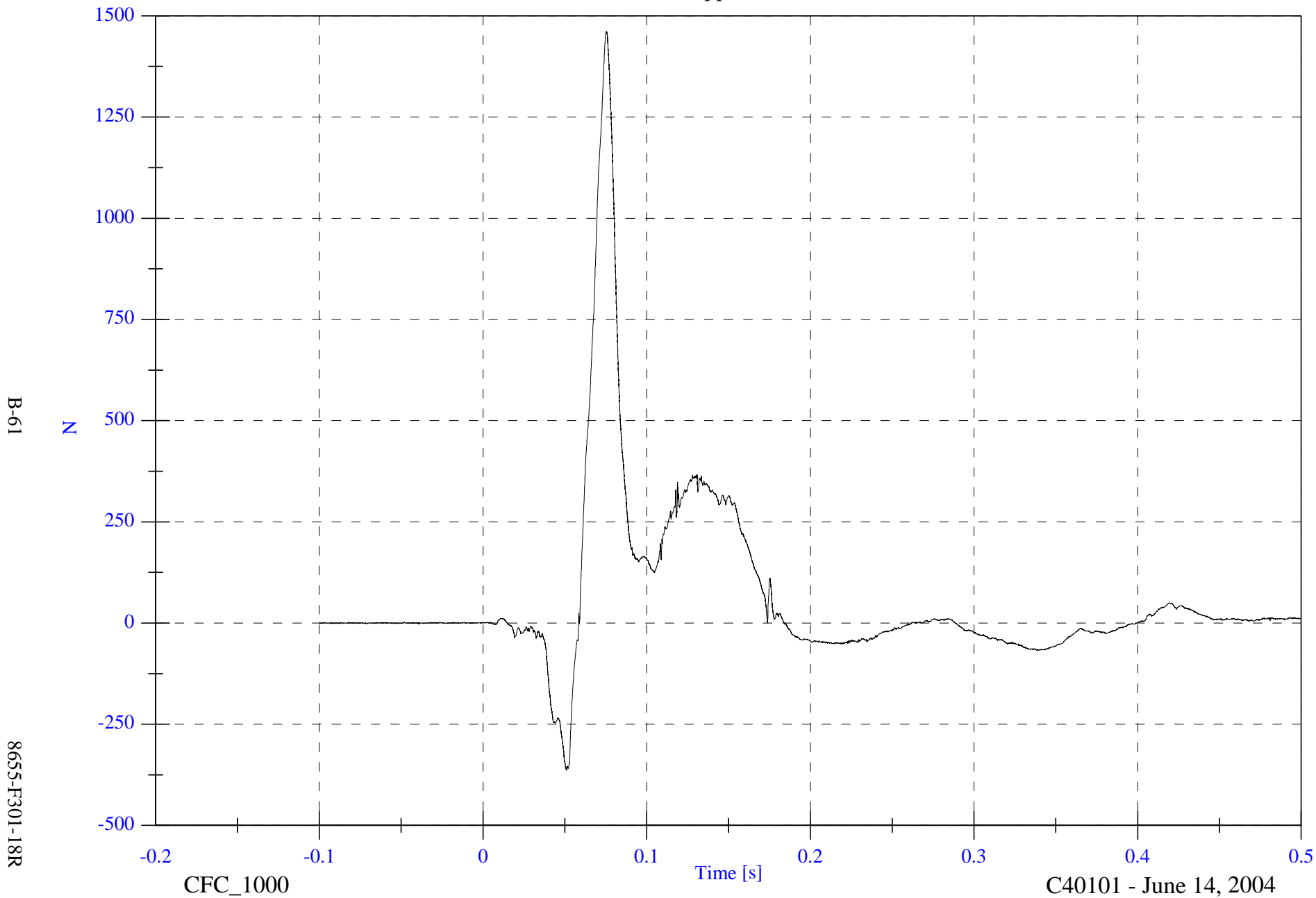
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Upper Neck Fz

Max: 1461.5 [N] at 0.075 [s]

Min: -363.5 [N] at 0.051 [s]



B-61

8655-F301-18R

CFC_1000

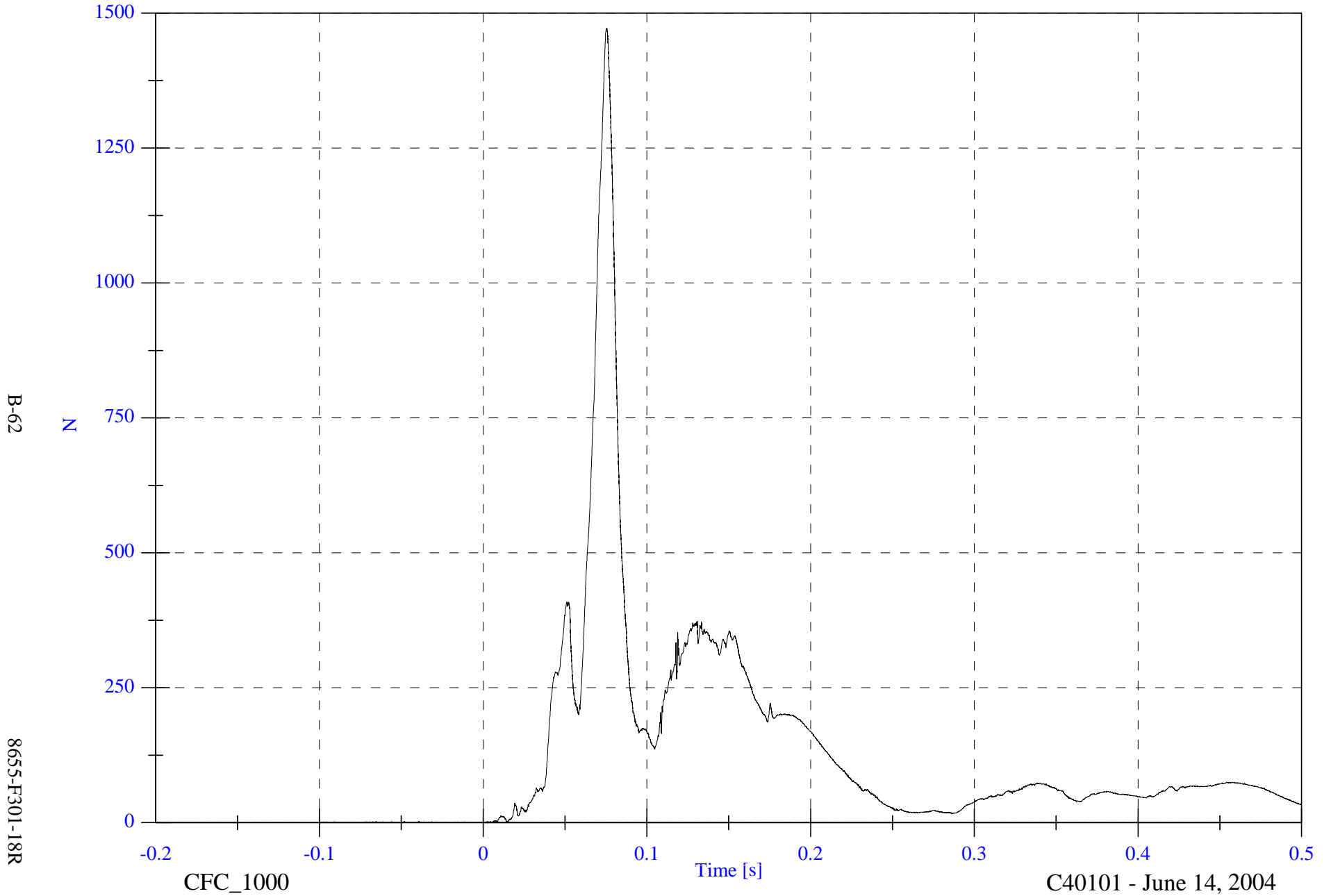
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Upper Neck F Resultant

Max: 1472.1 [N] at 0.076 [s]

Min: 0.0 [N] at -0.078 [s]



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8655-F301-18R

CFC_1000

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

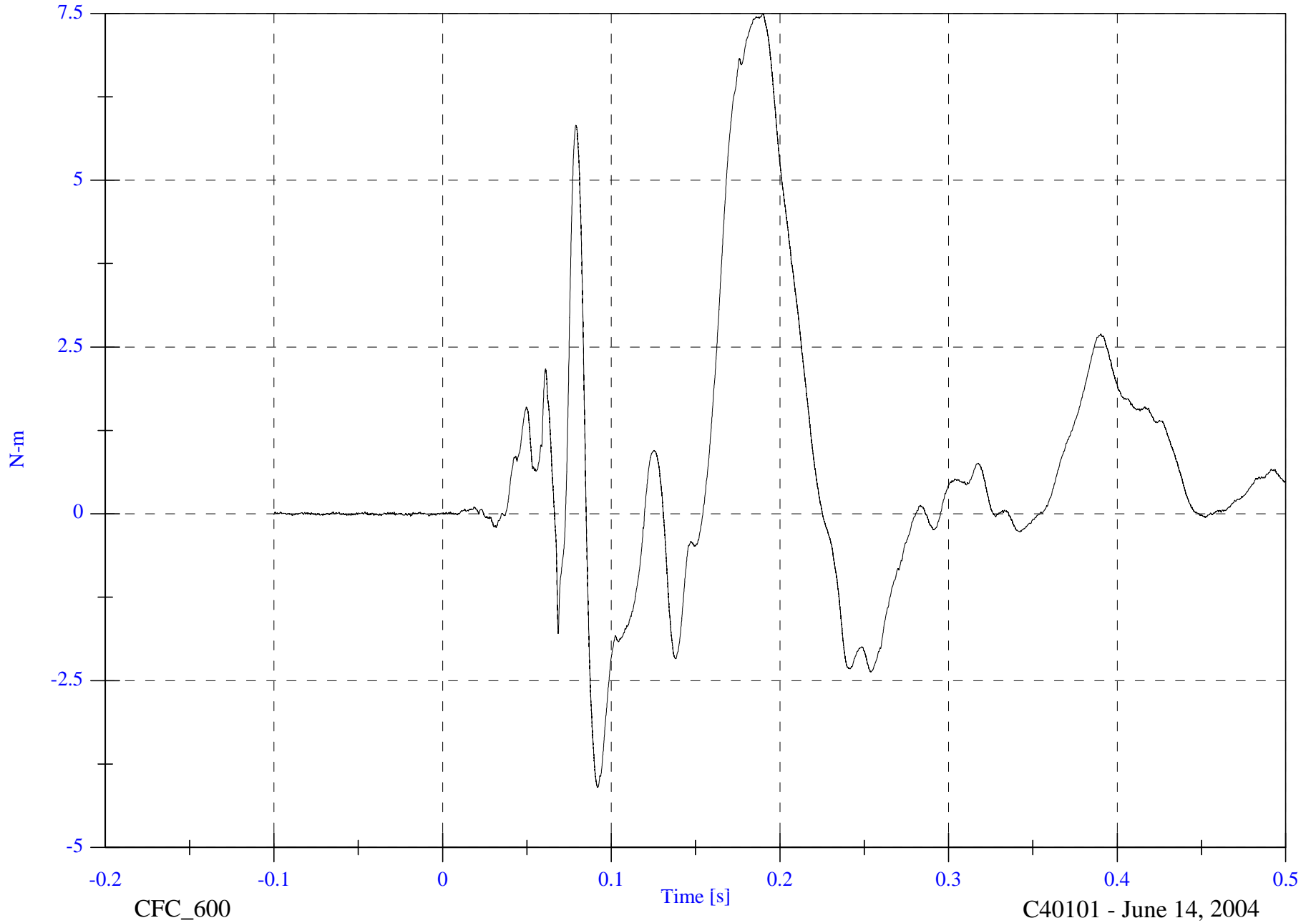
V2P3 Upper Neck Mx

Max: 7.5 [N-m] at 0.190 [s]

Min: -4.1 [N-m] at 0.092 [s]

B-63

8655-F301-18R

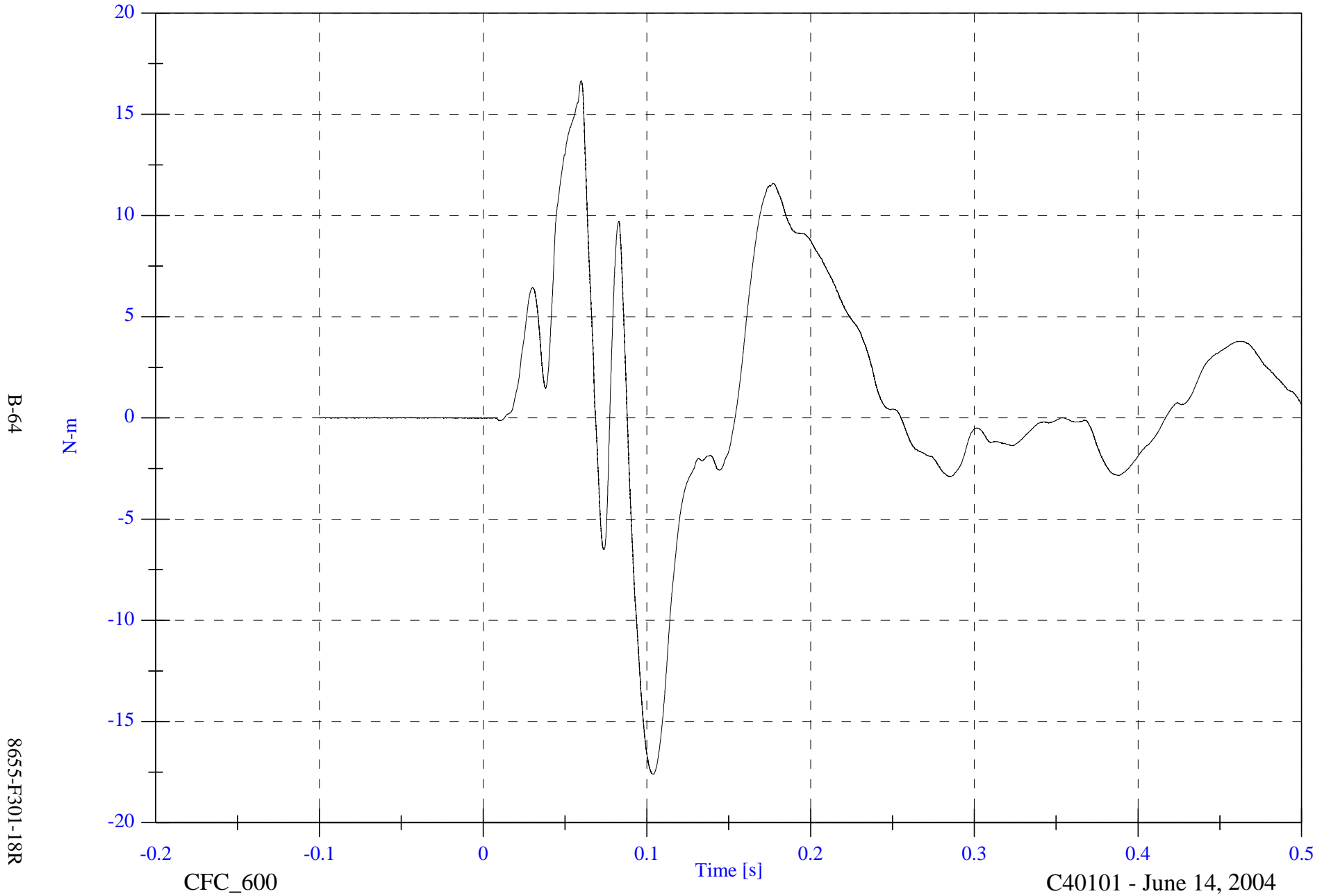


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Upper Neck My

Max: 16.7 [N-m] at 0.060 [s]

Min: -17.6 [N-m] at 0.104 [s]



B-64

8655-F301-18R

CFC_600

Time [s]

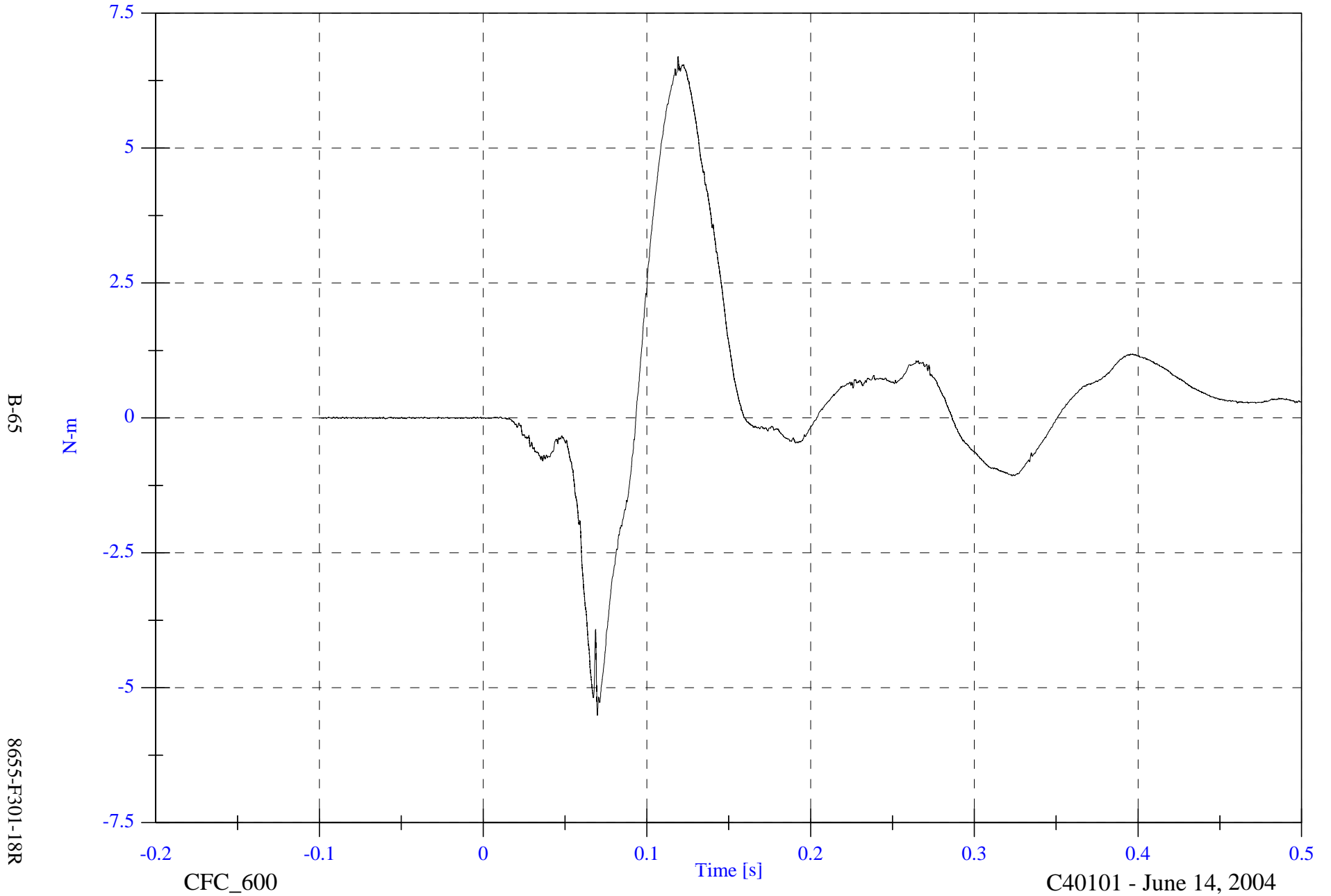
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Upper Neck Mz

Max: 6.7 [N-m] at 0.119 [s]

Min: -5.5 [N-m] at 0.070 [s]



B-65

8655-F301-18R

CFC_600

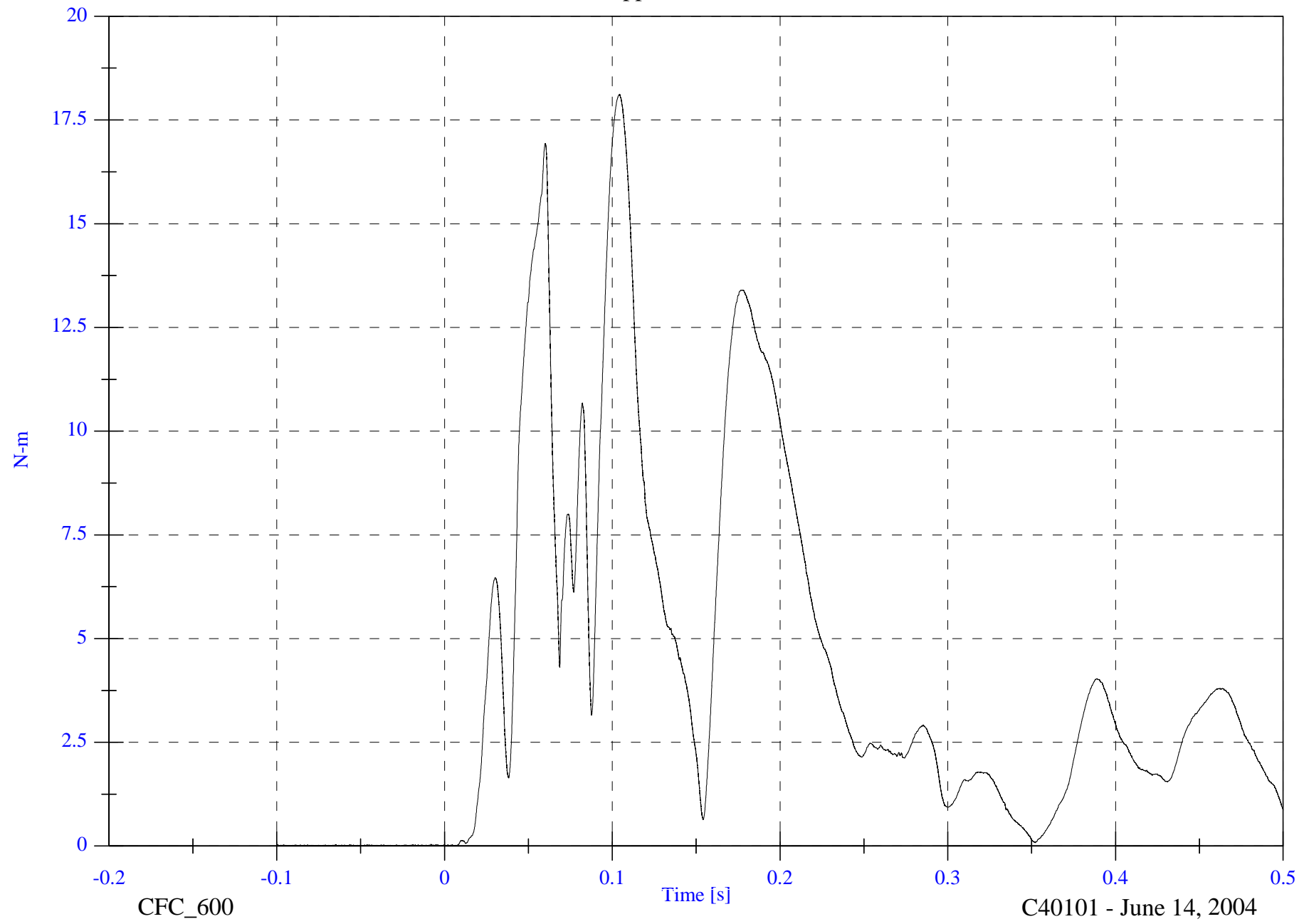
Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix
V2P3 Upper Neck M Resultant

Max: 18.1 [N-m] at 0.104 [s]
Min: 0.0 [N-m] at -0.086 [s]

B-66
8655-F301-18R



CFC_600

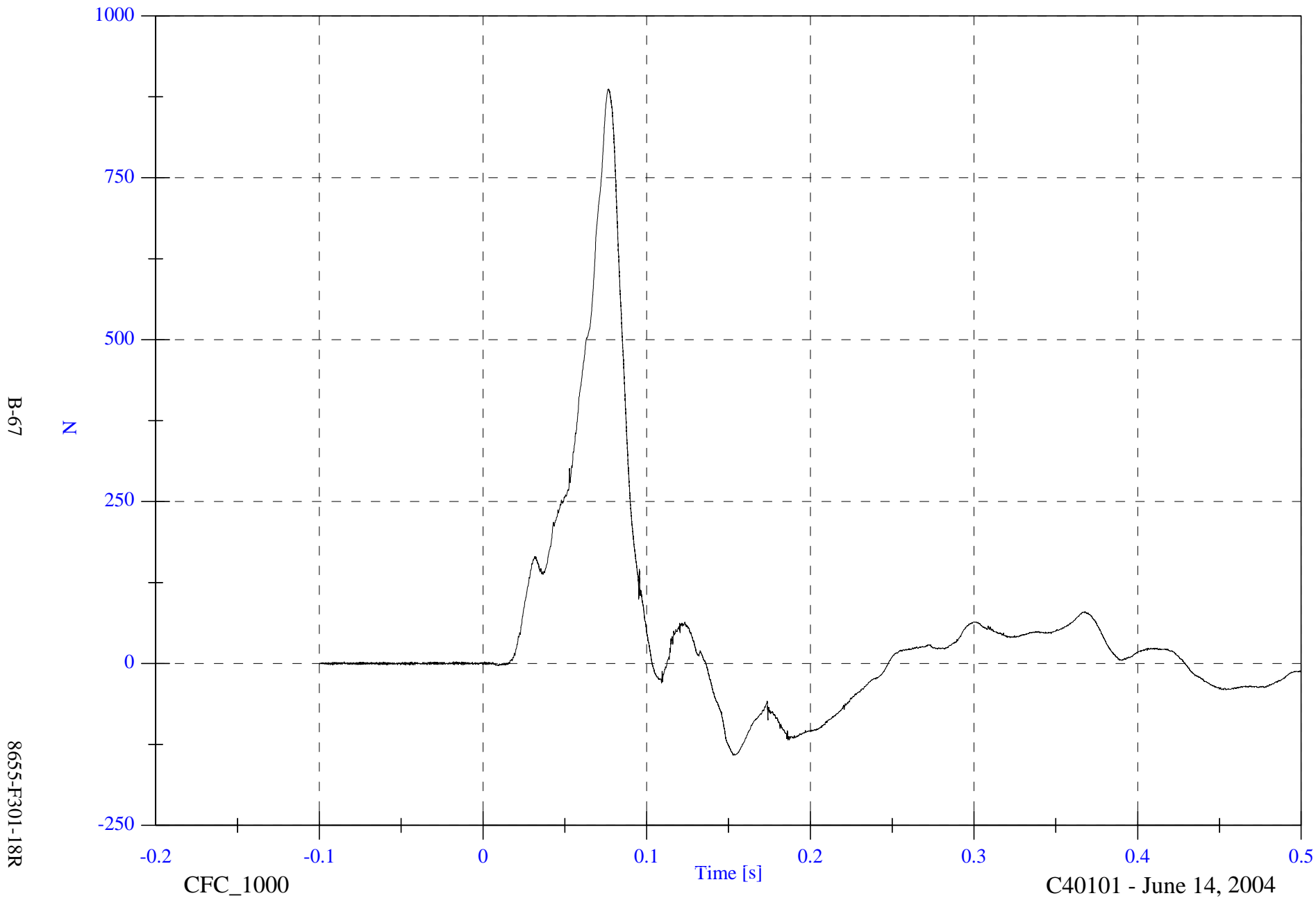
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lower Neck Fx

Max: 886.9 [N] at 0.077 [s]

Min: -141.7 [N] at 0.153 [s]



B-67

8655-F301-18R

CFC_1000

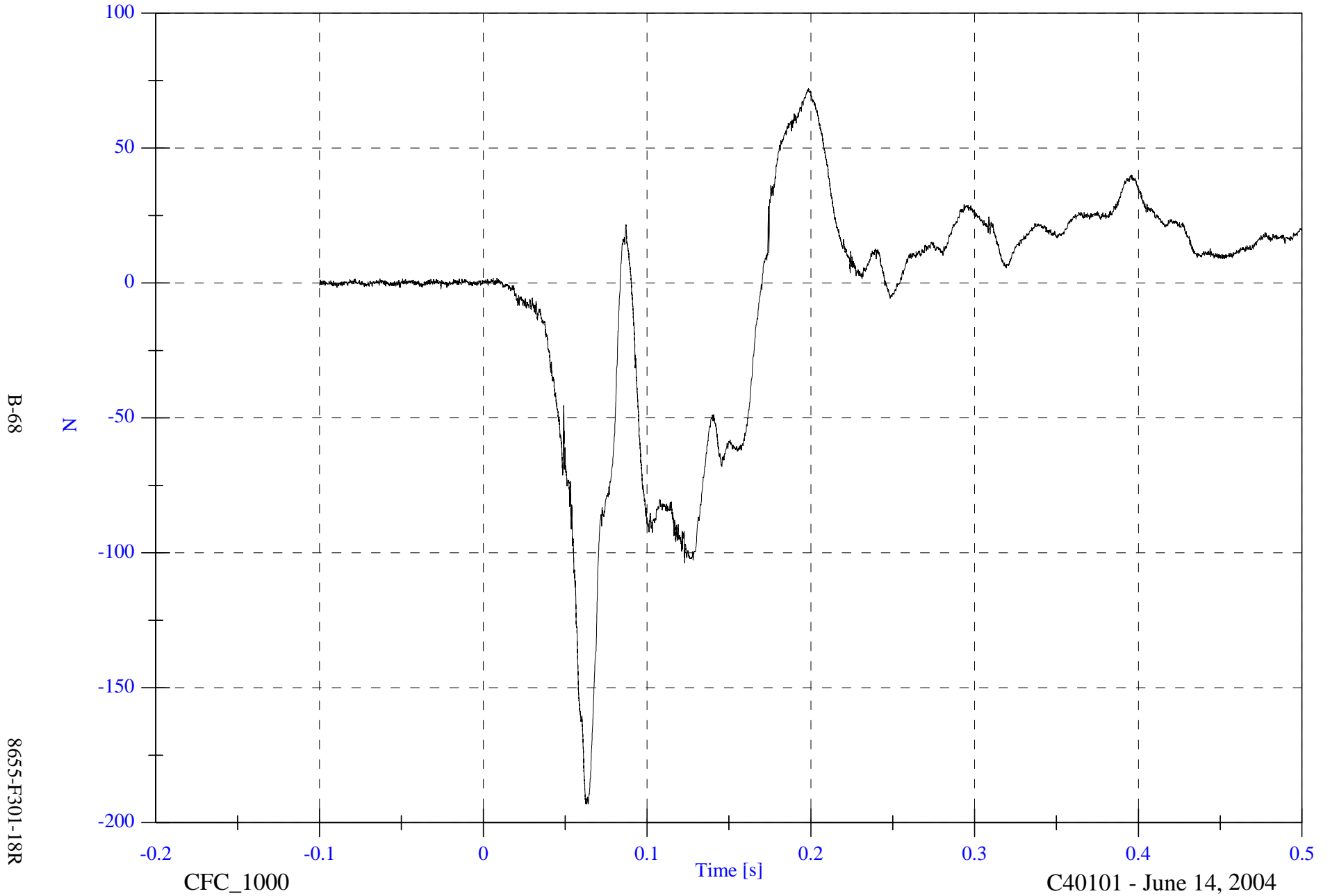
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lower Neck Fy

Max: 72.0 [N] at 0.199 [s]

Min: -193.1 [N] at 0.063 [s]



B-68

8655-F301-18R

CFC_1000

Time [s]

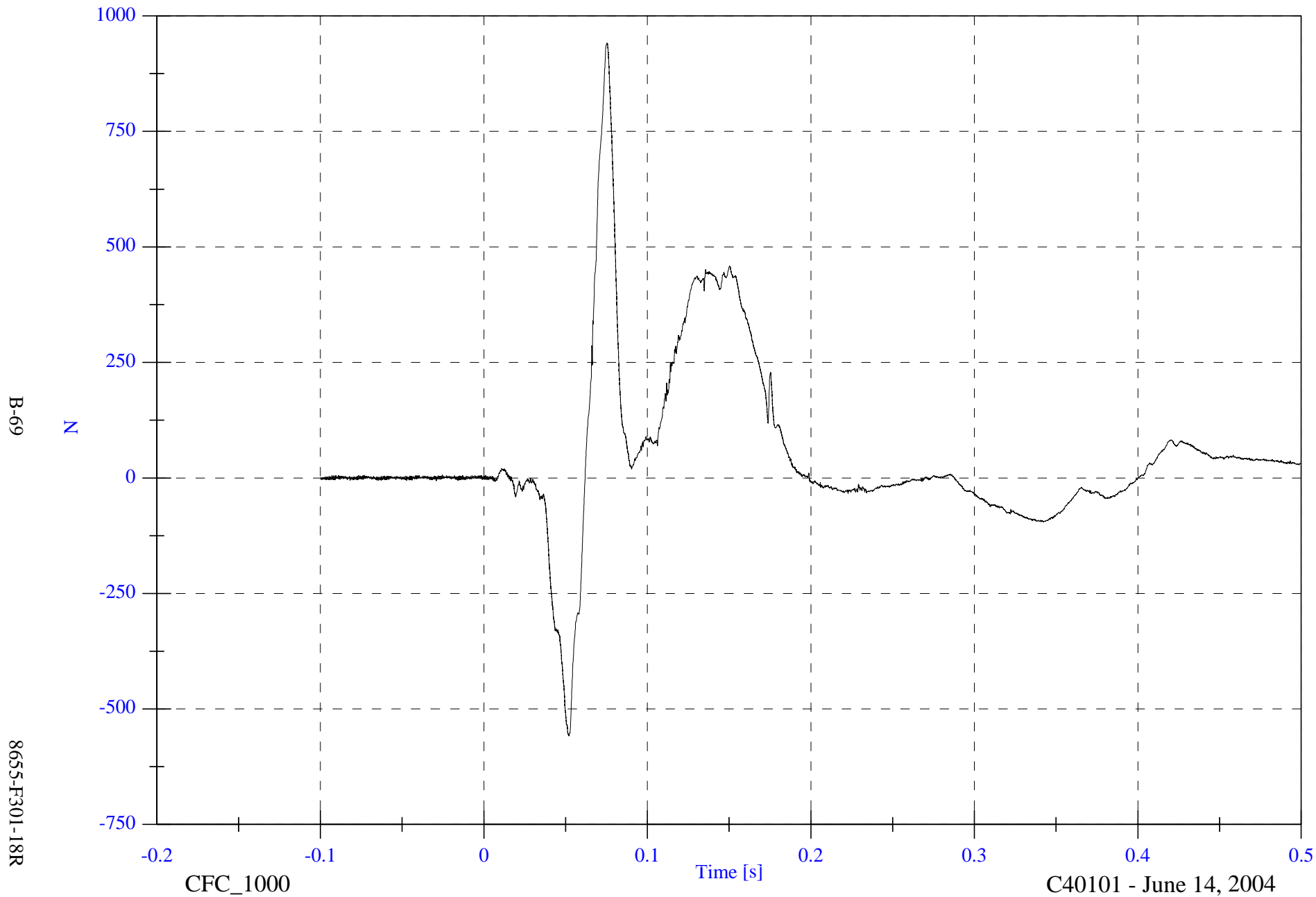
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lower Neck Fz

Max: 941.2 [N] at 0.075 [s]

Min: -558.5 [N] at 0.052 [s]



B-69

8655-F301-18R

CFC_1000

Time [s]

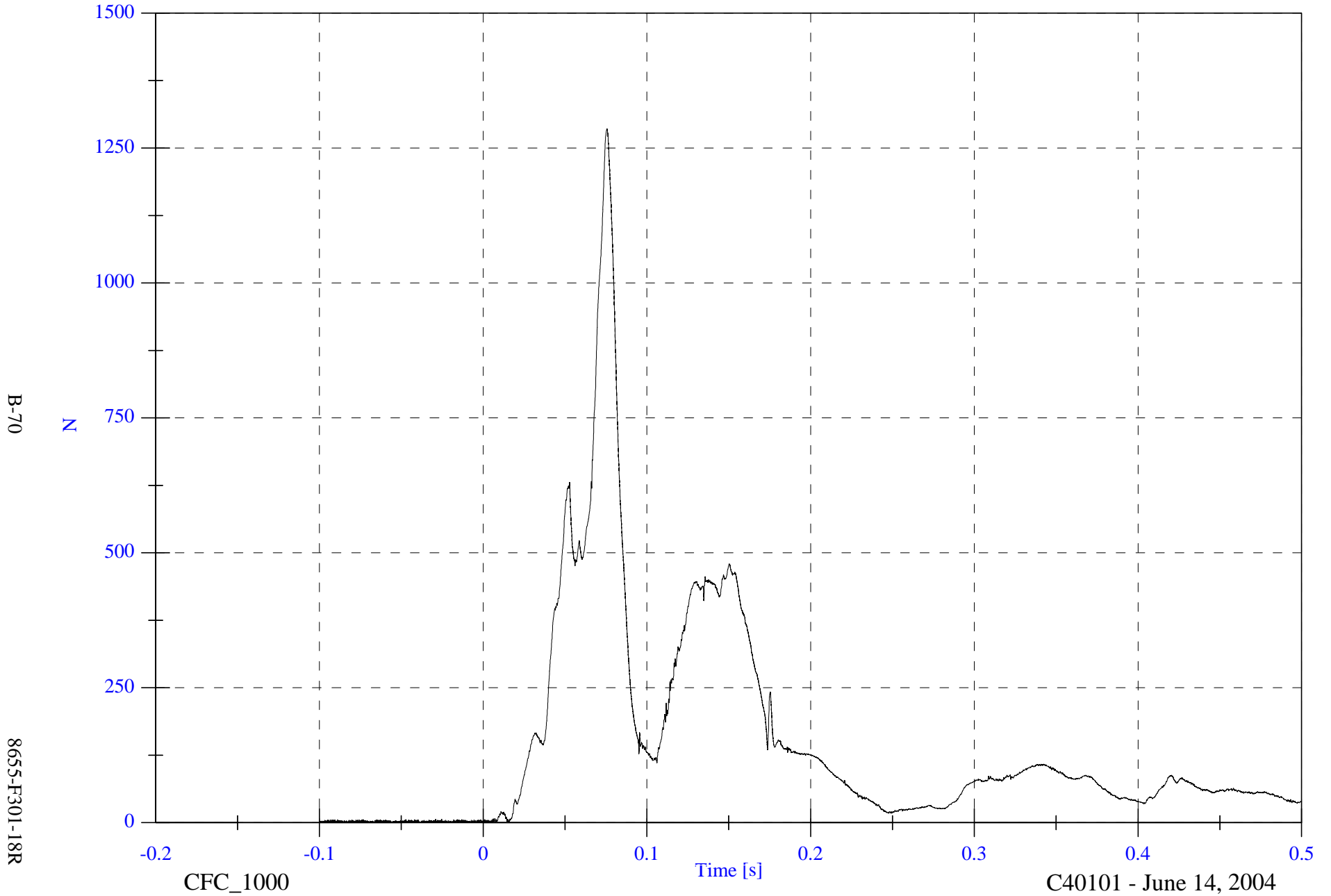
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lower Neck F Resultant

Max: 1285.3 [N] at 0.076 [s]

Min: 0.1 [N] at 0.004 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

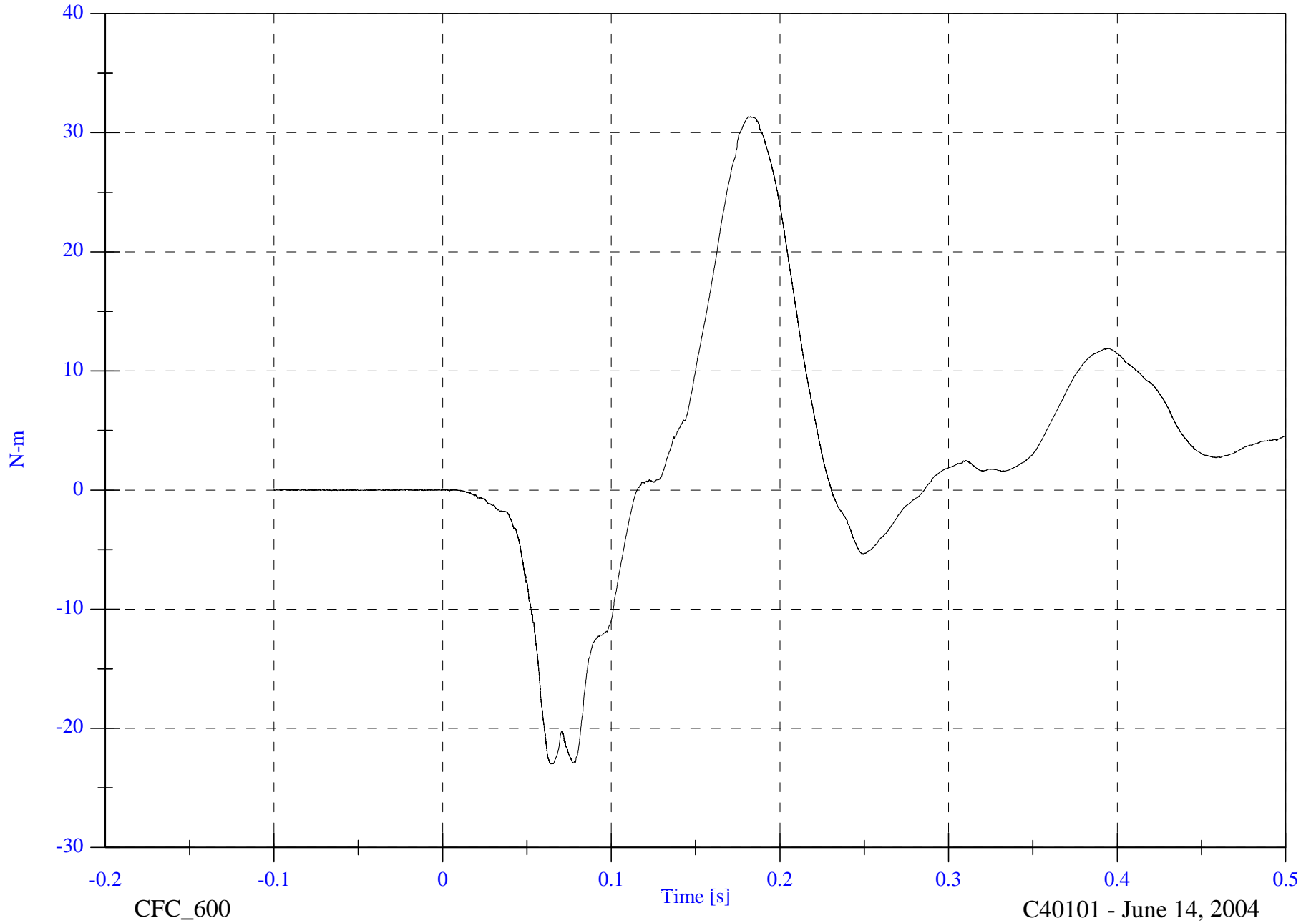
V2P3 Lower Neck Mx

Max: 31.3 [N-m] at 0.183 [s]

Min: -23.0 [N-m] at 0.064 [s]

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CFC_600

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

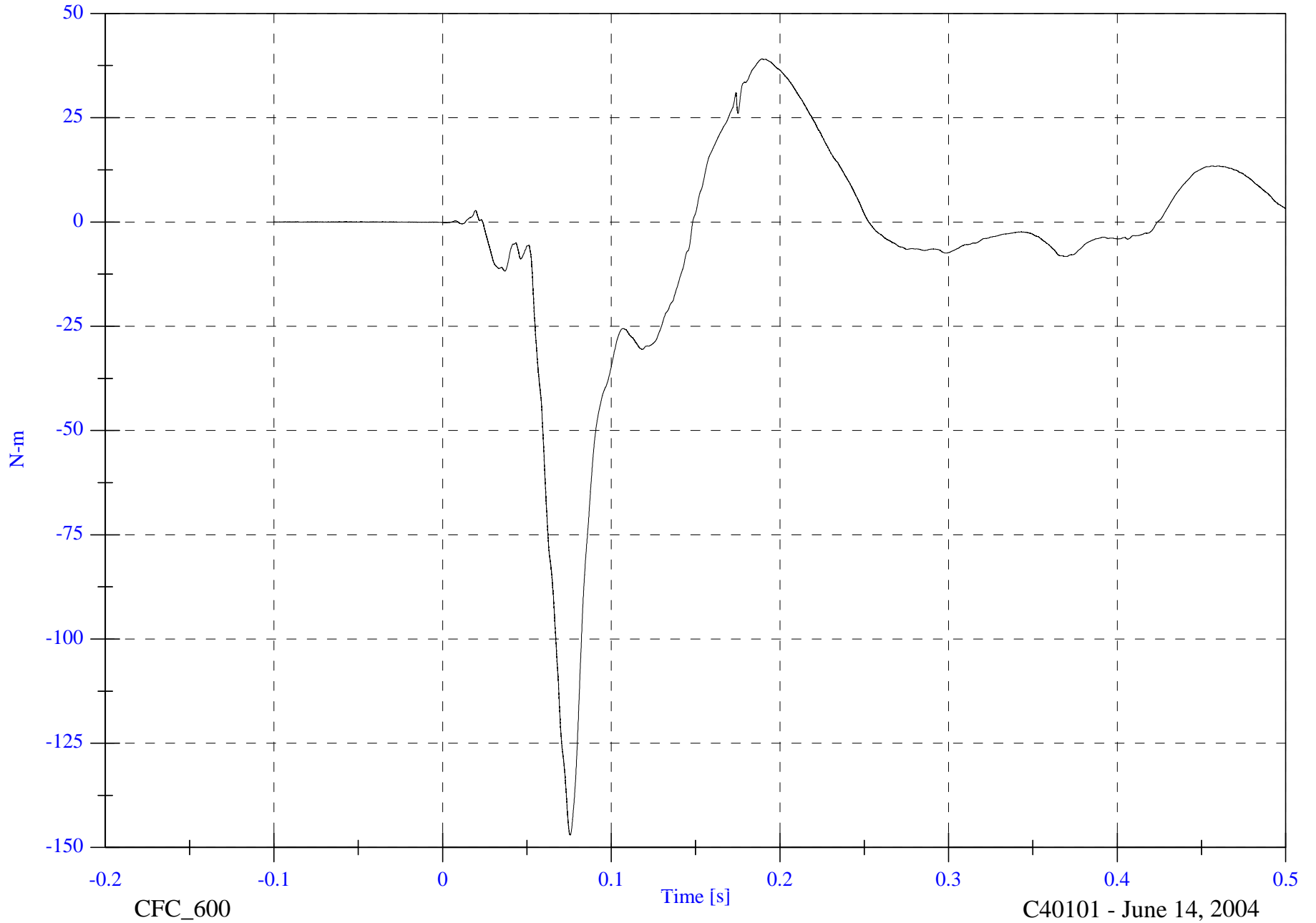
V2P3 Lower Neck My

Max: 39.1 [N-m] at 0.189 [s]

Min: -147.0 [N-m] at 0.076 [s]

B-72

8655-F301-18R



C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

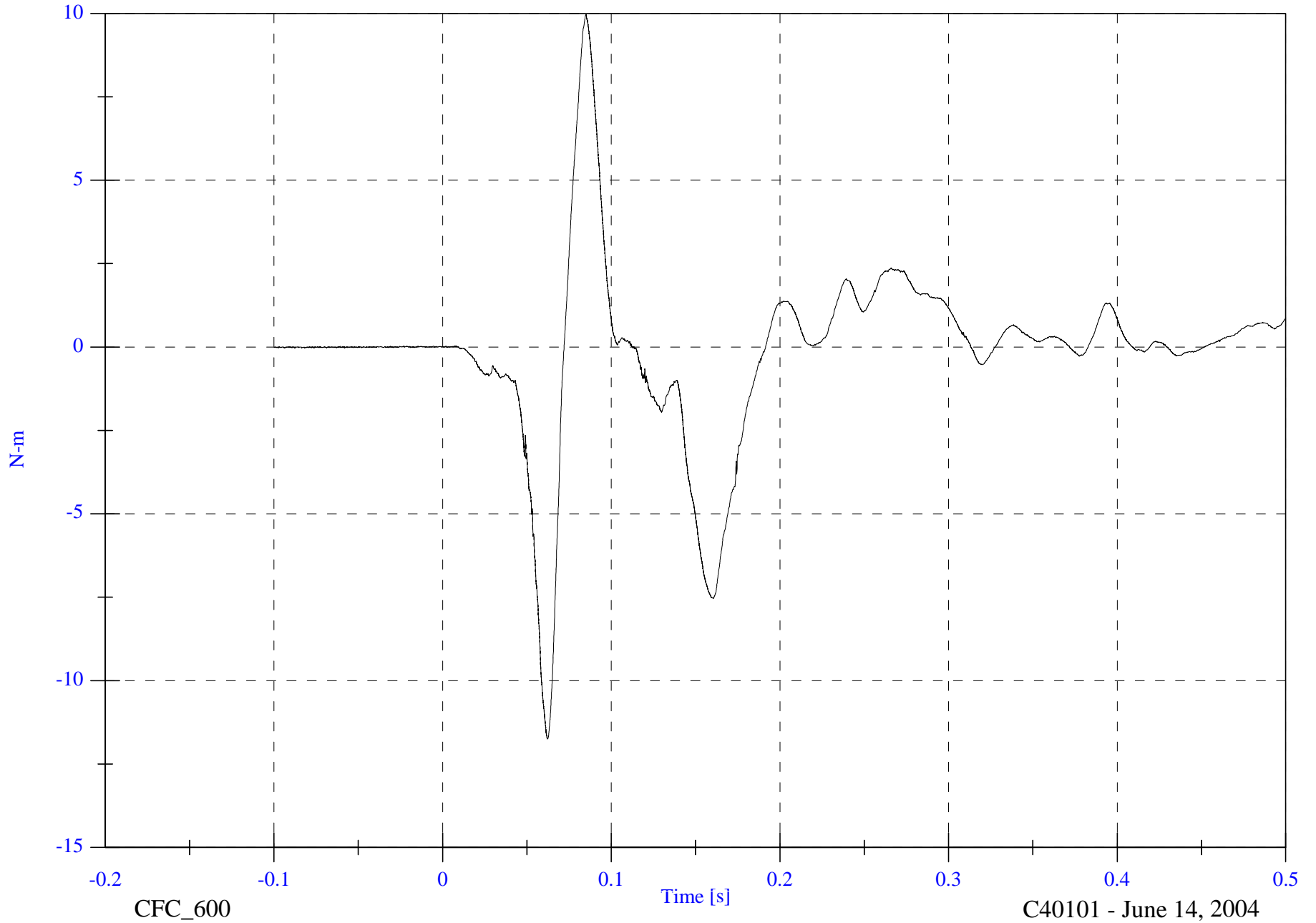
V2P3 Lower Neck Mz

Max: 10.0 [N-m] at 0.085 [s]

Min: -11.8 [N-m] at 0.062 [s]

B-73

8655-F301-18R



CFC_600

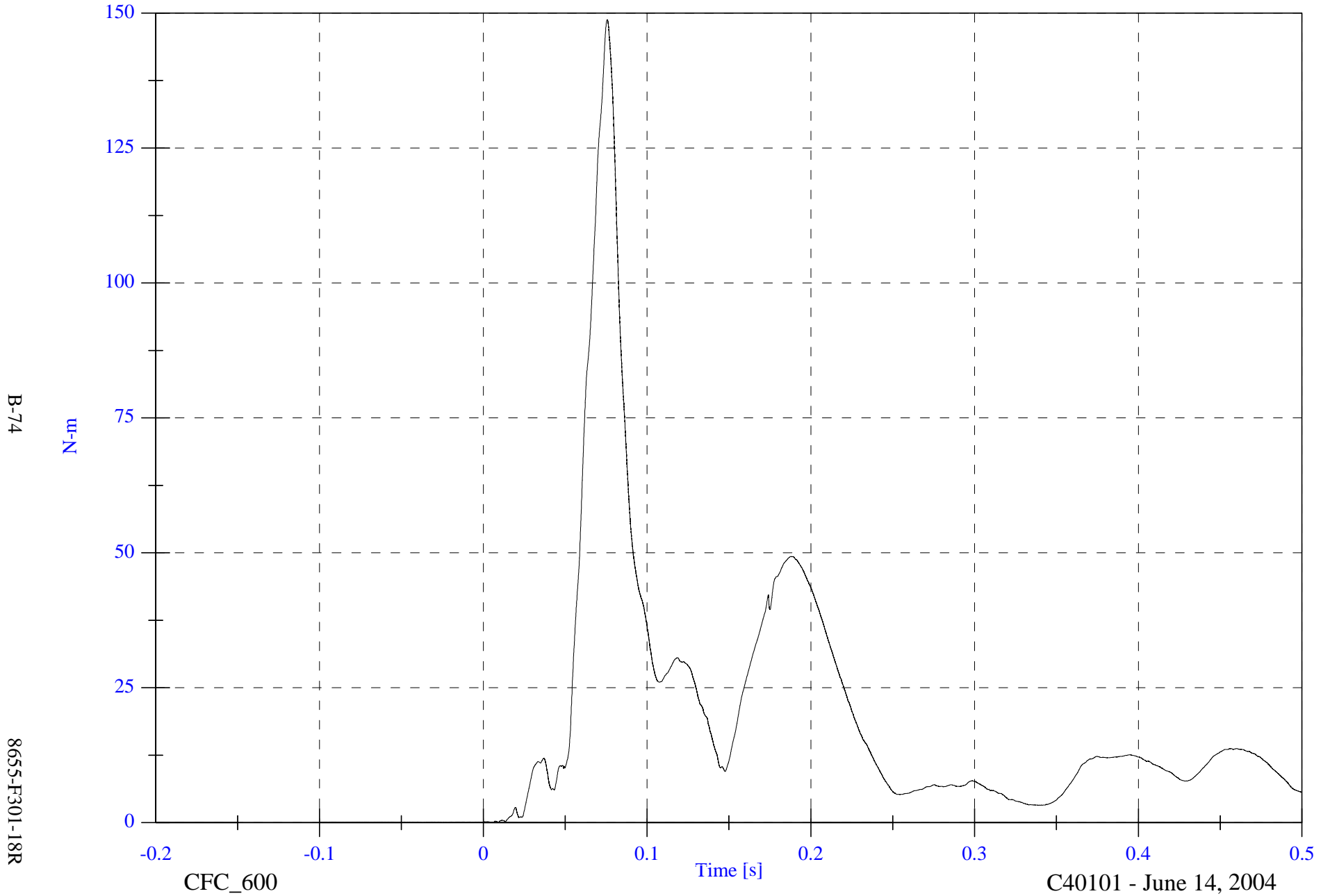
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lower Neck M Resultant

Max: 148.8 [N-m] at 0.076 [s]

Min: 0.0 [N-m] at -0.028 [s]

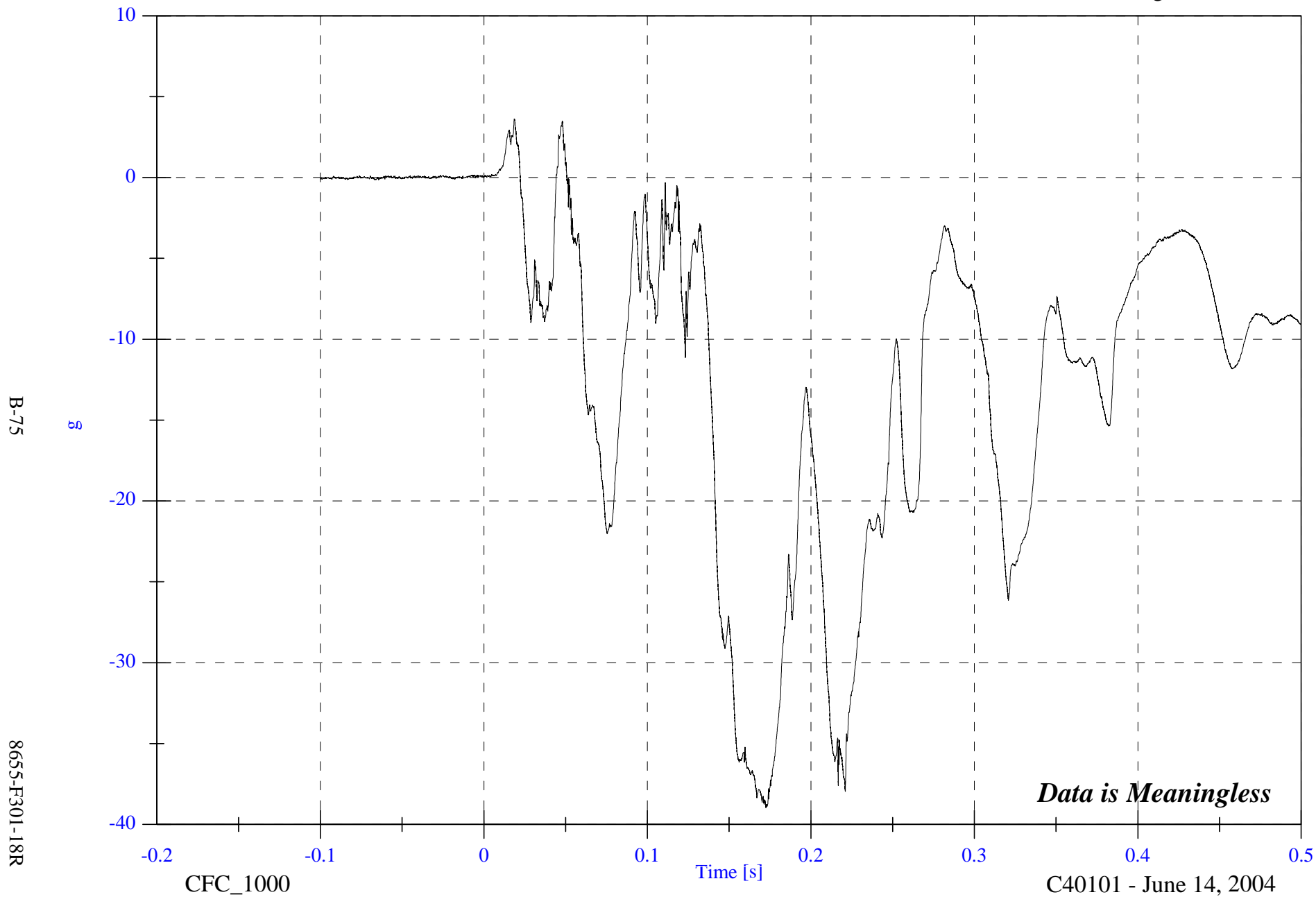


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lower Neck x

Max: 3.6 [g] at 0.019 [s]

Min: -39.0 [g] at 0.173 [s]

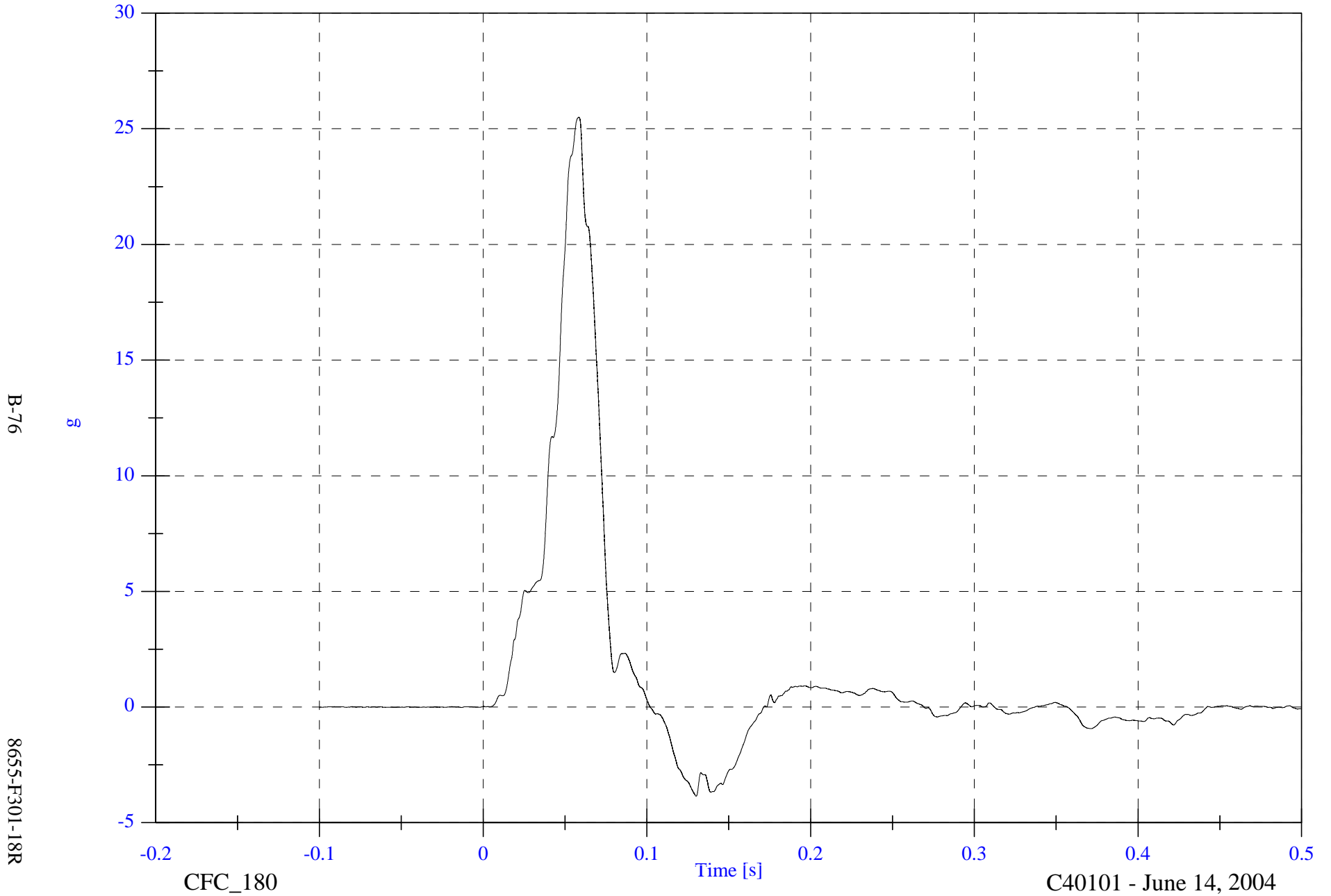


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Chest x

Max: 25.5 [g] at 0.058 [s]

Min: -3.9 [g] at 0.130 [s]



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8655-F301-18R

CFC_180

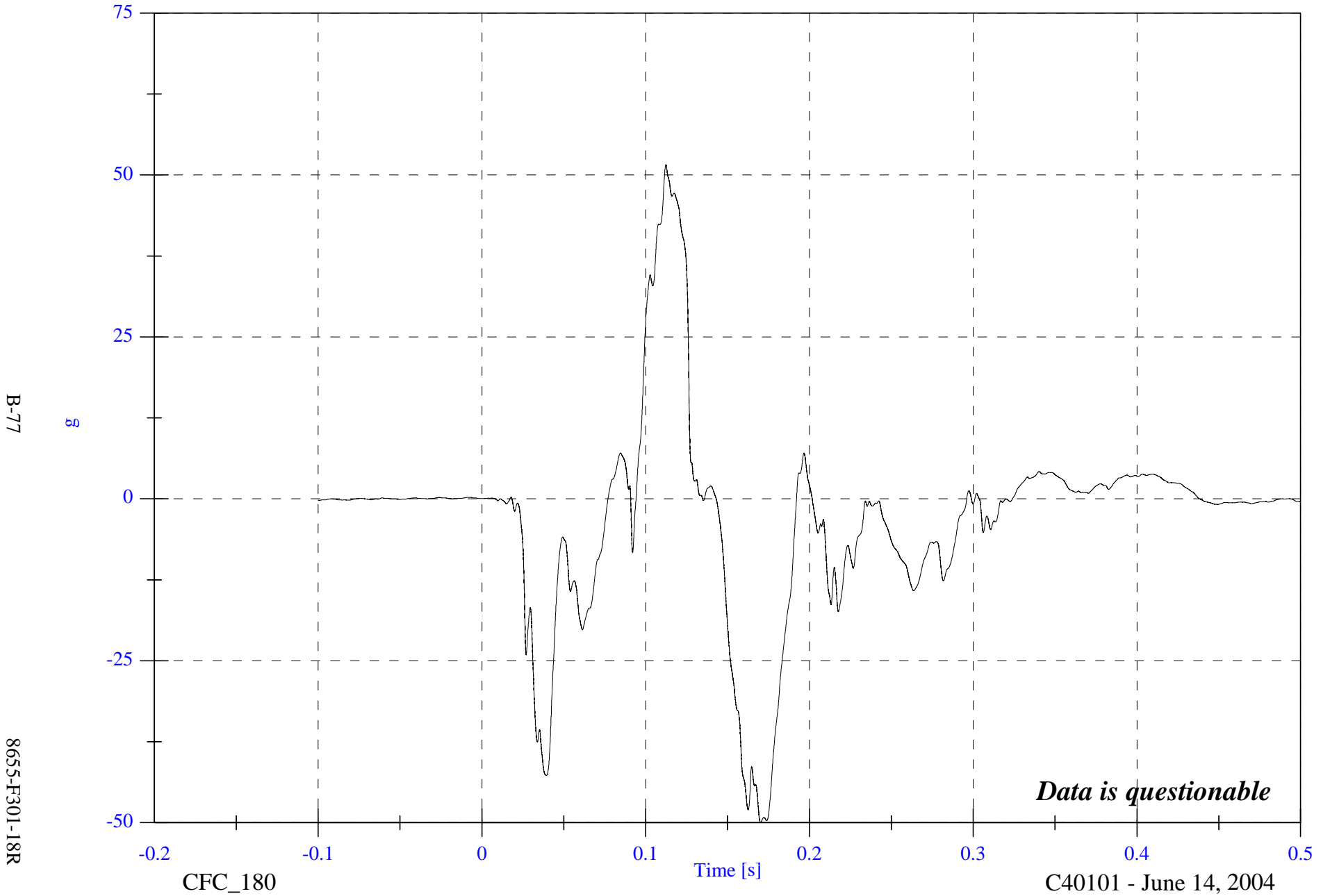
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Chest y

Max: 51.6 [g] at 0.112 [s]

Min: -50.0 [g] at 0.170 [s]



B-77

8655-F301-18R

CFC_180

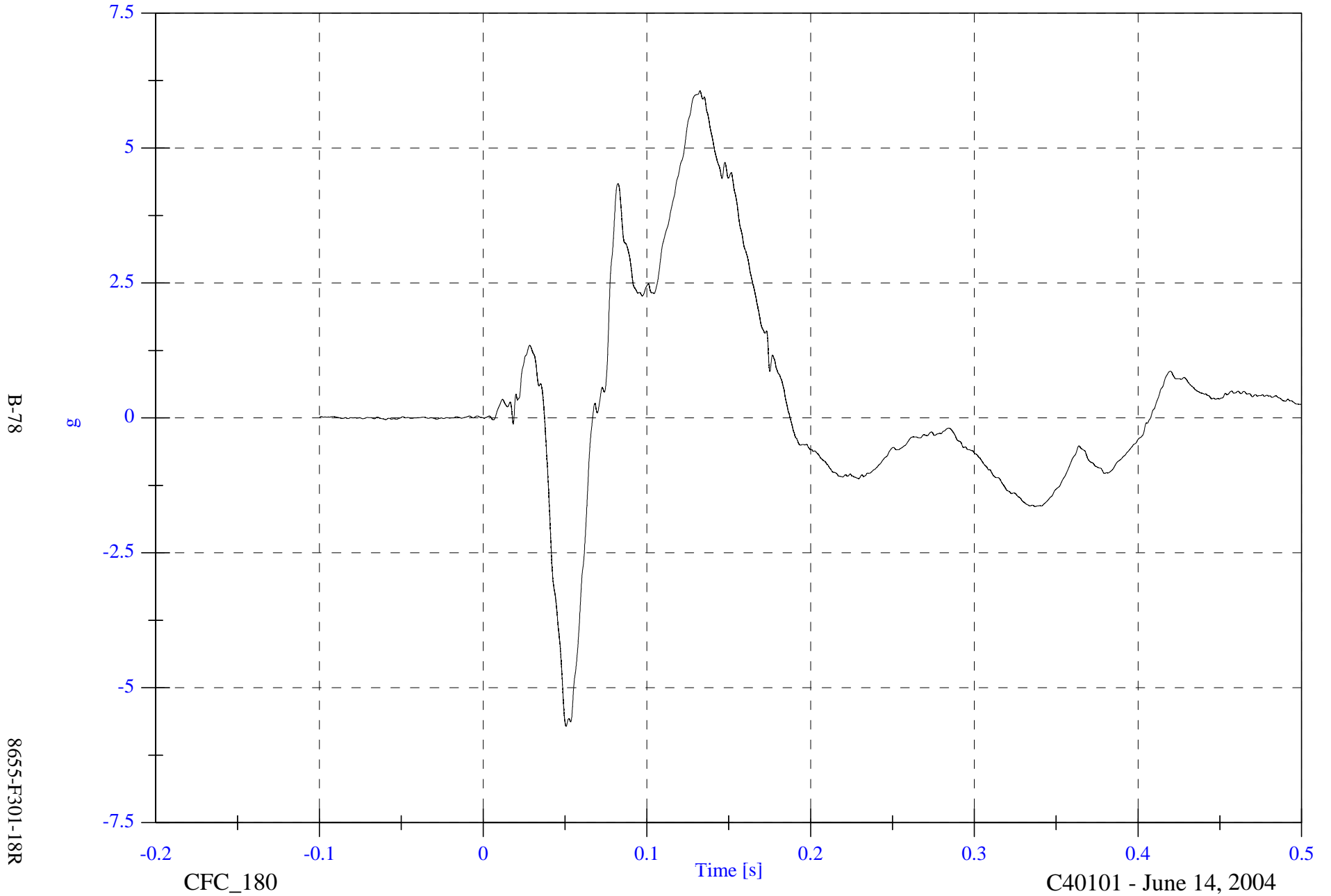
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Chest z

Max: 6.1 [g] at 0.132 [s]

Min: -5.7 [g] at 0.051 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

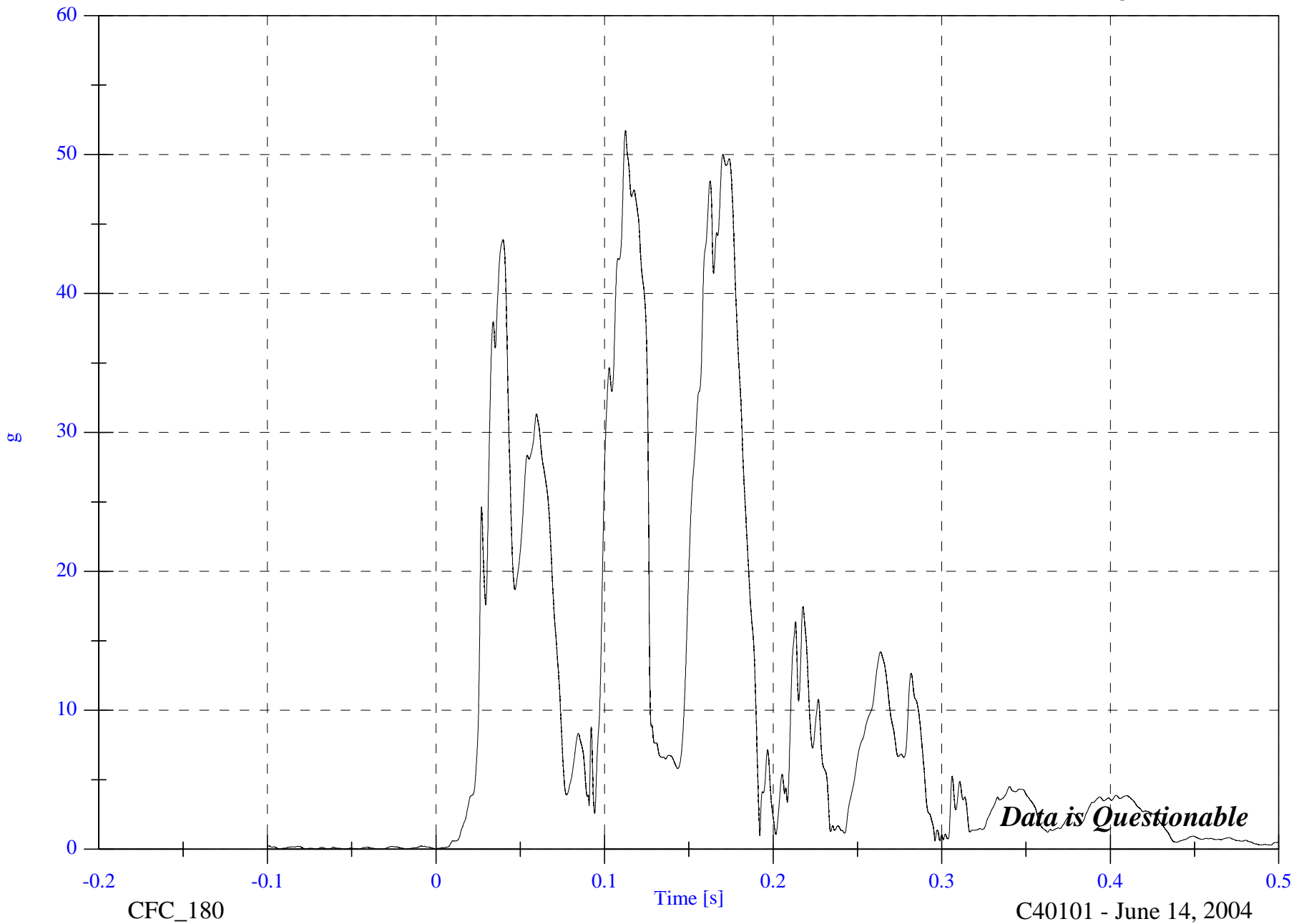
V2P3 Chest Resultant

Max: 51.7 [g] at 0.112 [s]

Min: 0.0 [g] at -0.033 [s]

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8655-F301-18R



Data is Questionable

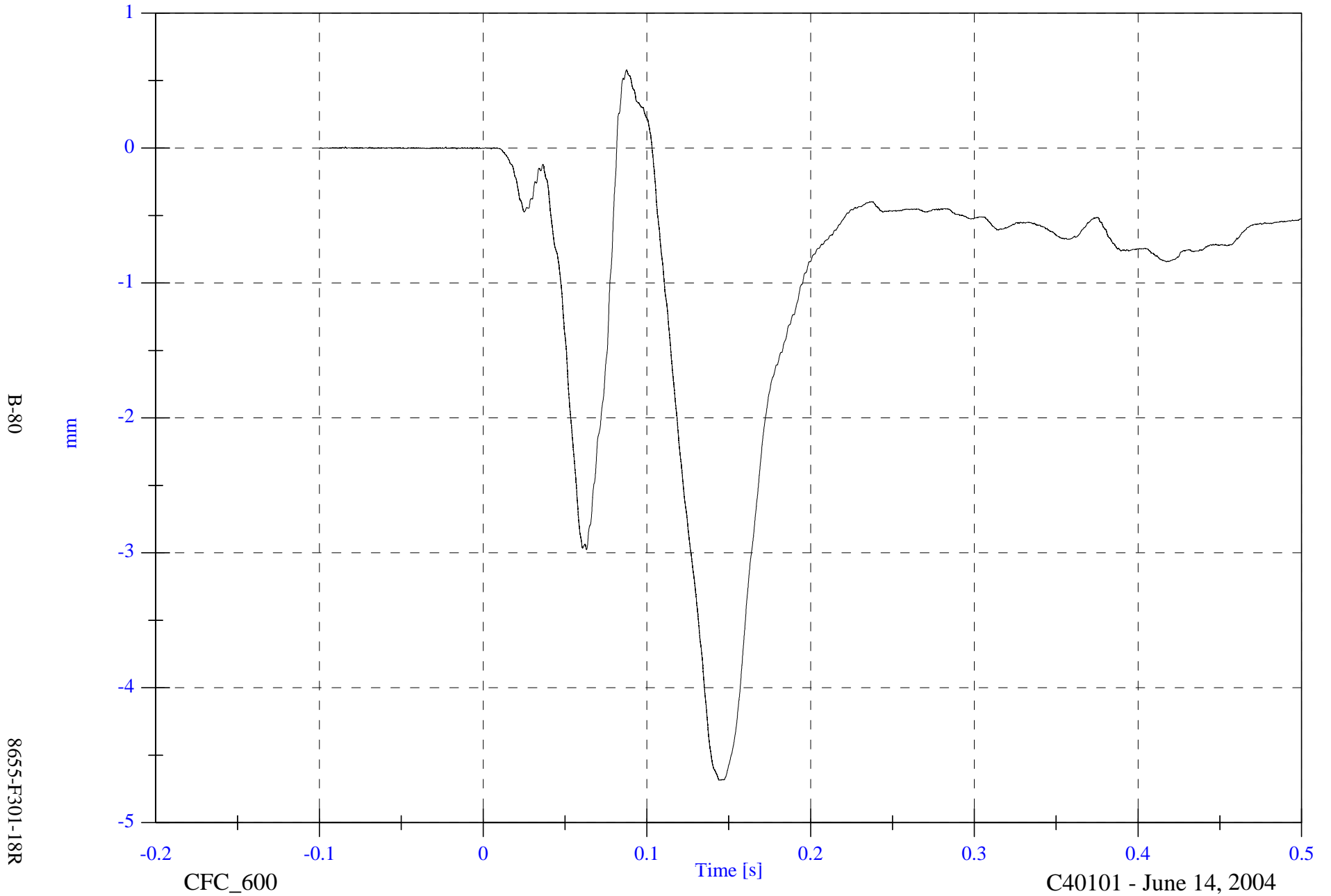
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Chest Compression

Max: 0.6 [mm] at 0.088 [s]

Min: -4.7 [mm] at 0.145 [s]



B-80

mm

8655-F301-18R

CFC_600

Time [s]

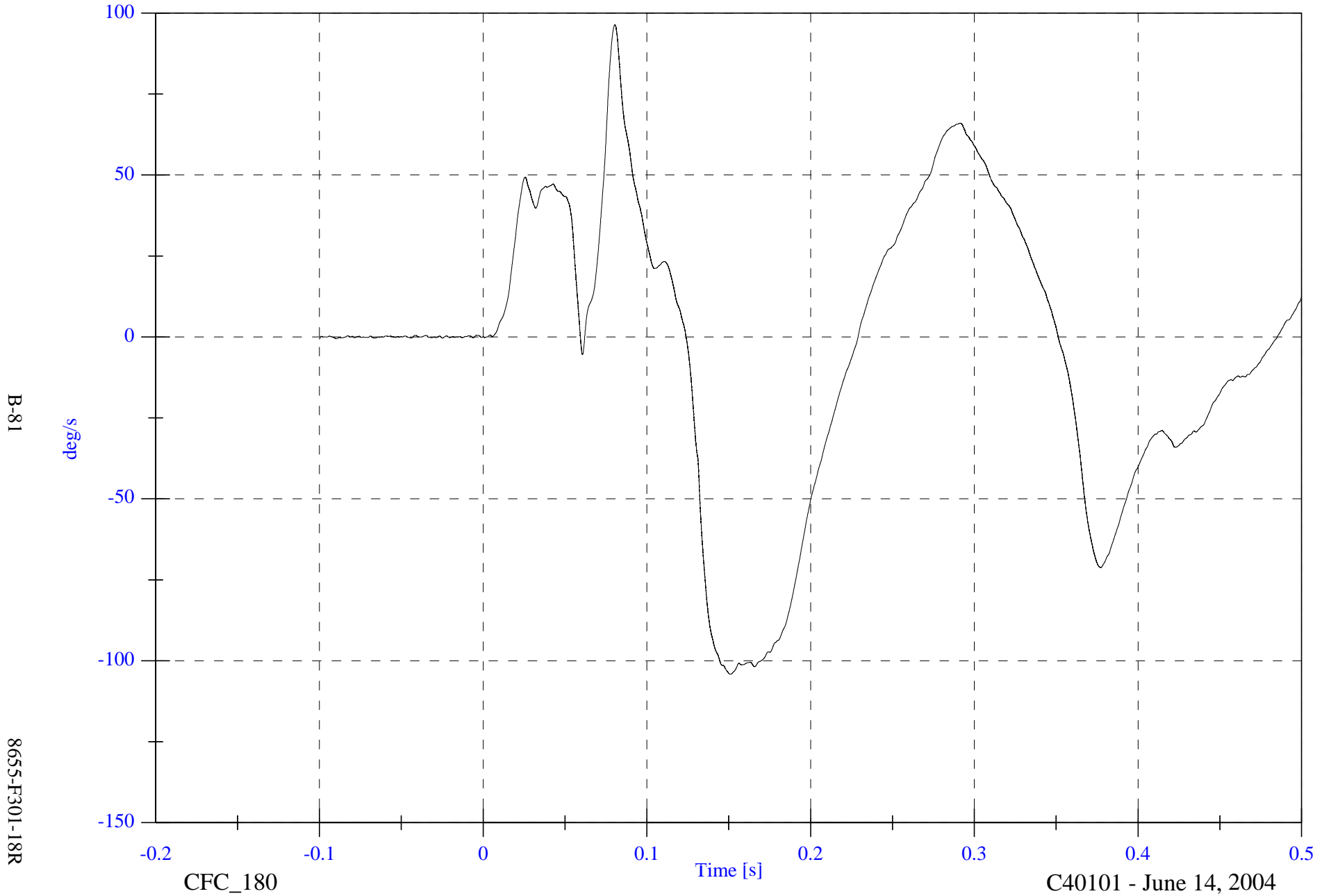
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Chest AVy

Max: 96.4 [deg/s] at 0.080 [s]

Min: -104.1 [deg/s] at 0.151 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

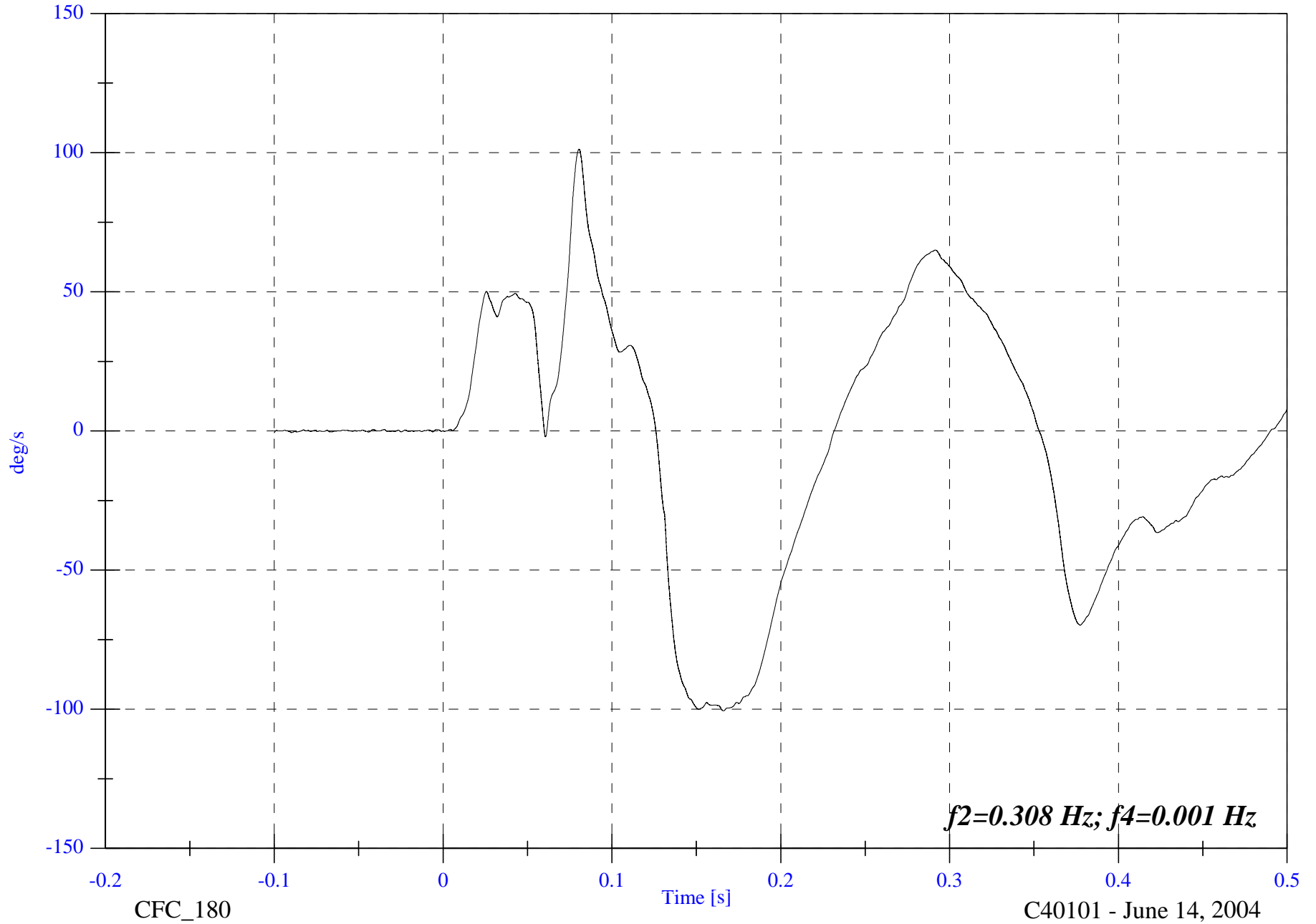
V2P3 Chest Comp AVy

Max: 101.3 [deg/s] at 0.081 [s]

Min: -100.6 [deg/s] at 0.166 [s]

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8655-F301-18R



C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

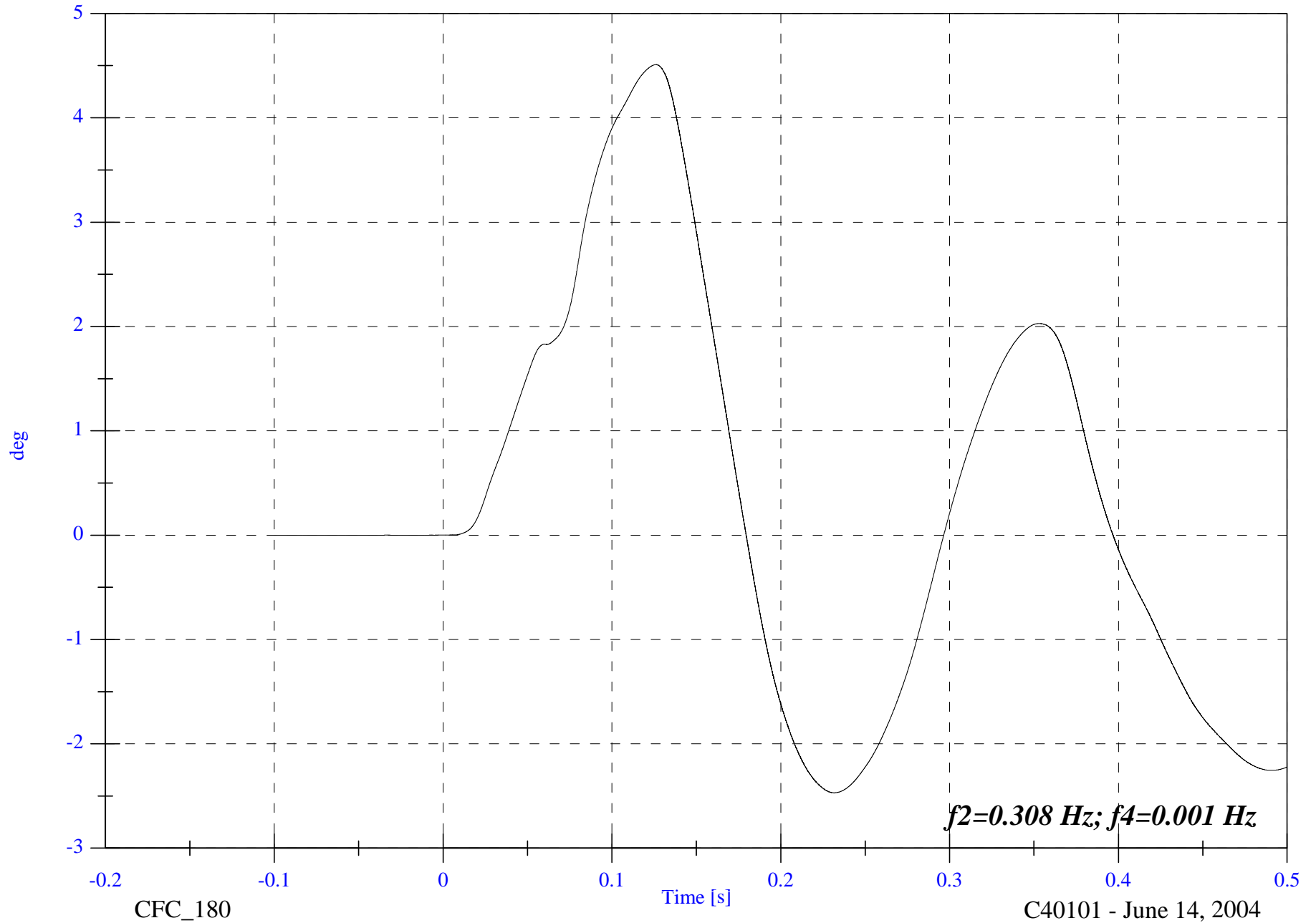
V2P3 Chest Comp ADy

Max: 4.5 [deg] at 0.126 [s]

Min: -2.5 [deg] at 0.232 [s]

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8655-F301-18R

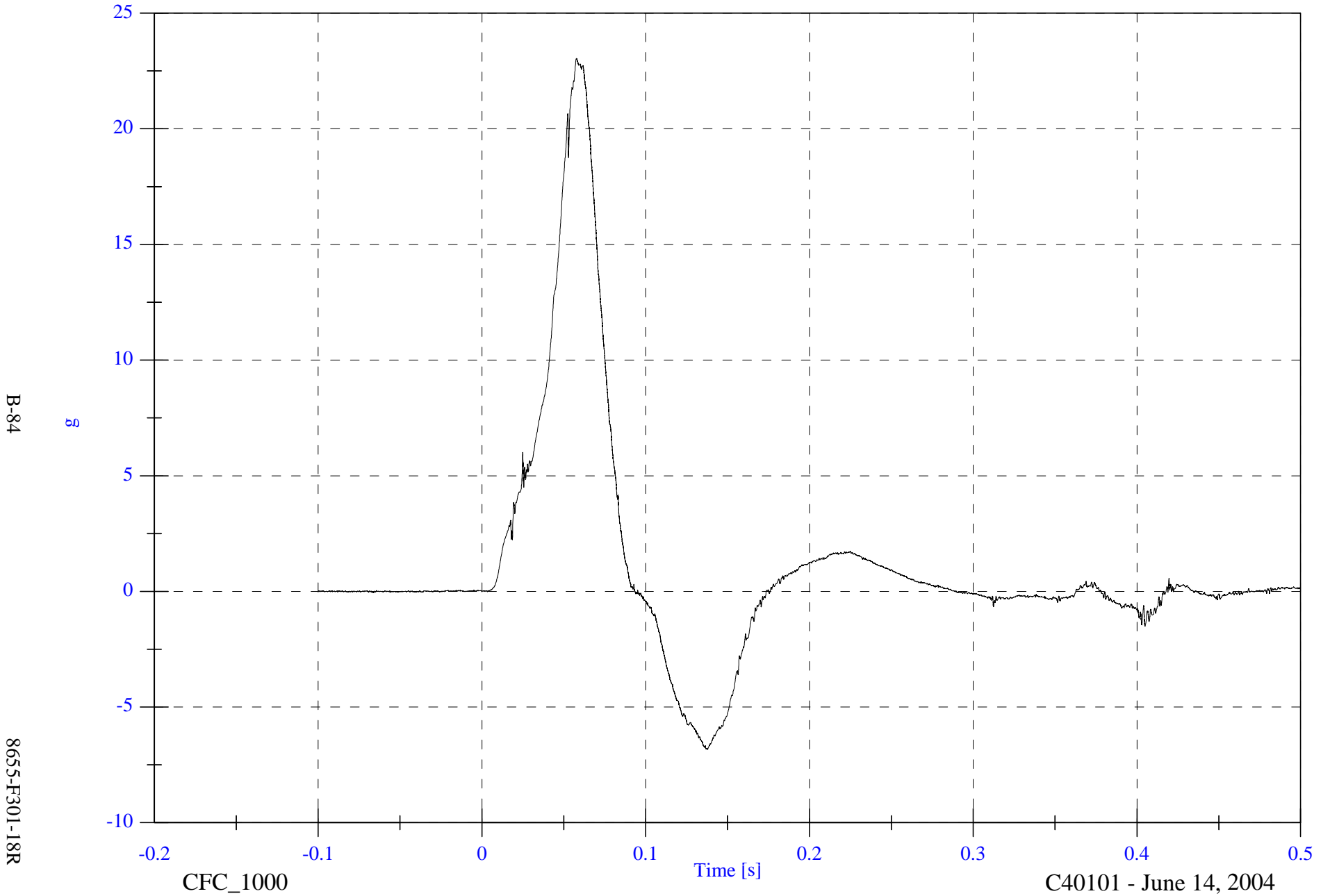


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Pelvic x

Max: 23.0 [g] at 0.058 [s]

Min: -6.8 [g] at 0.138 [s]

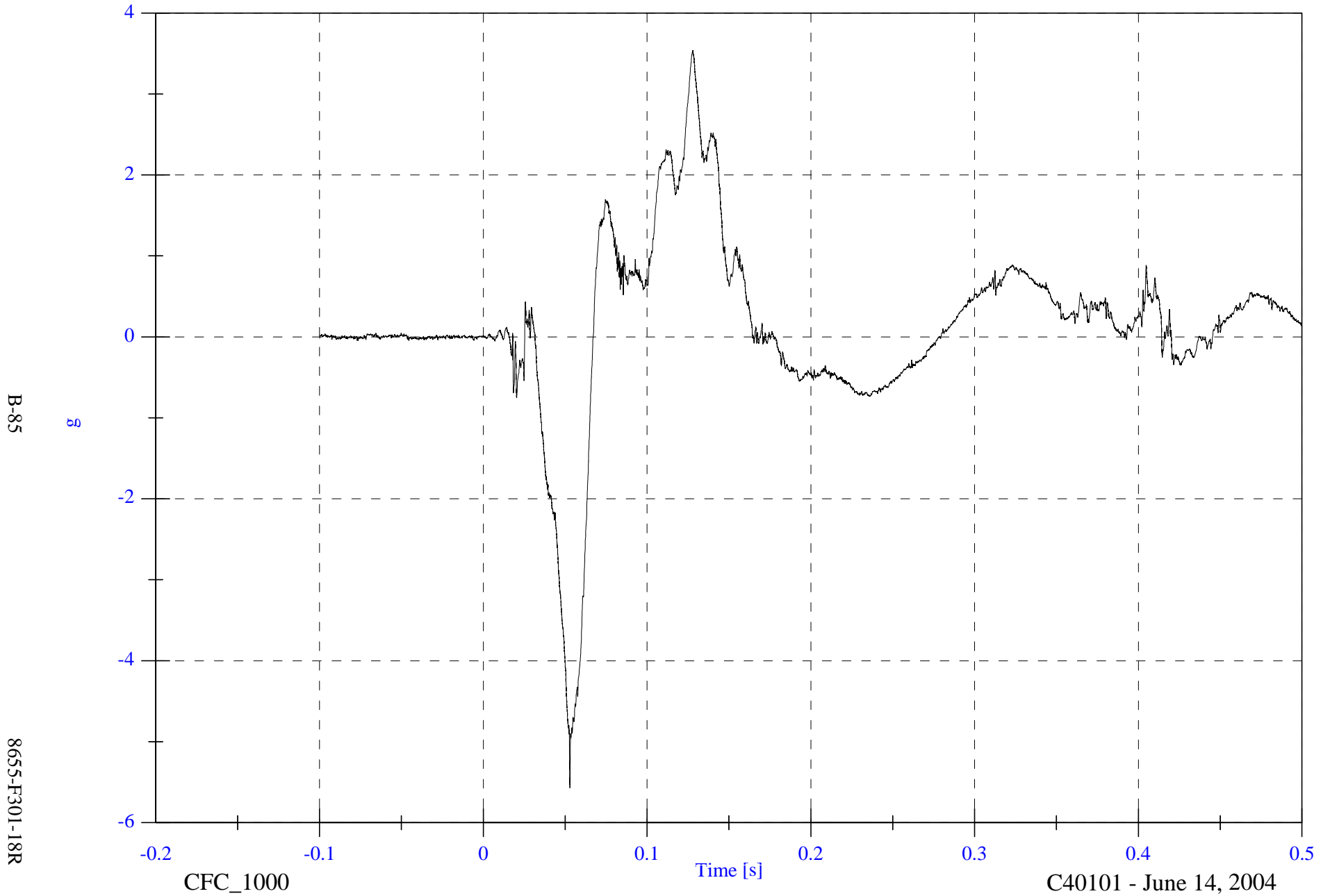


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 3.5 [g] at 0.128 [s]

V2P3 Pelvic y

Min: -5.6 [g] at 0.053 [s]



B-85

g

8655-F301-18R

CFC_1000

Time [s]

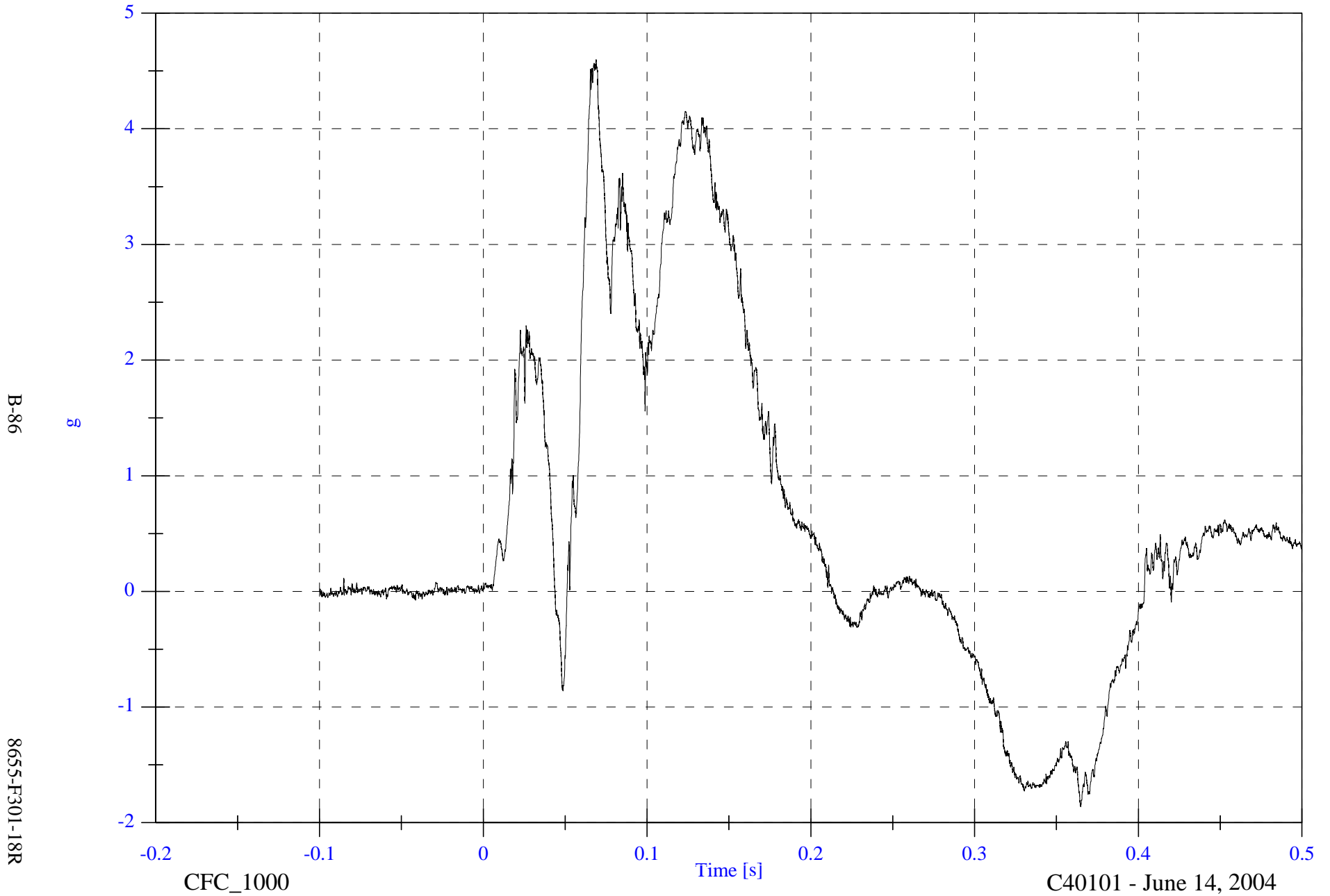
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 4.6 [g] at 0.069 [s]

V2P3 Pelvic z

Min: -1.9 [g] at 0.365 [s]

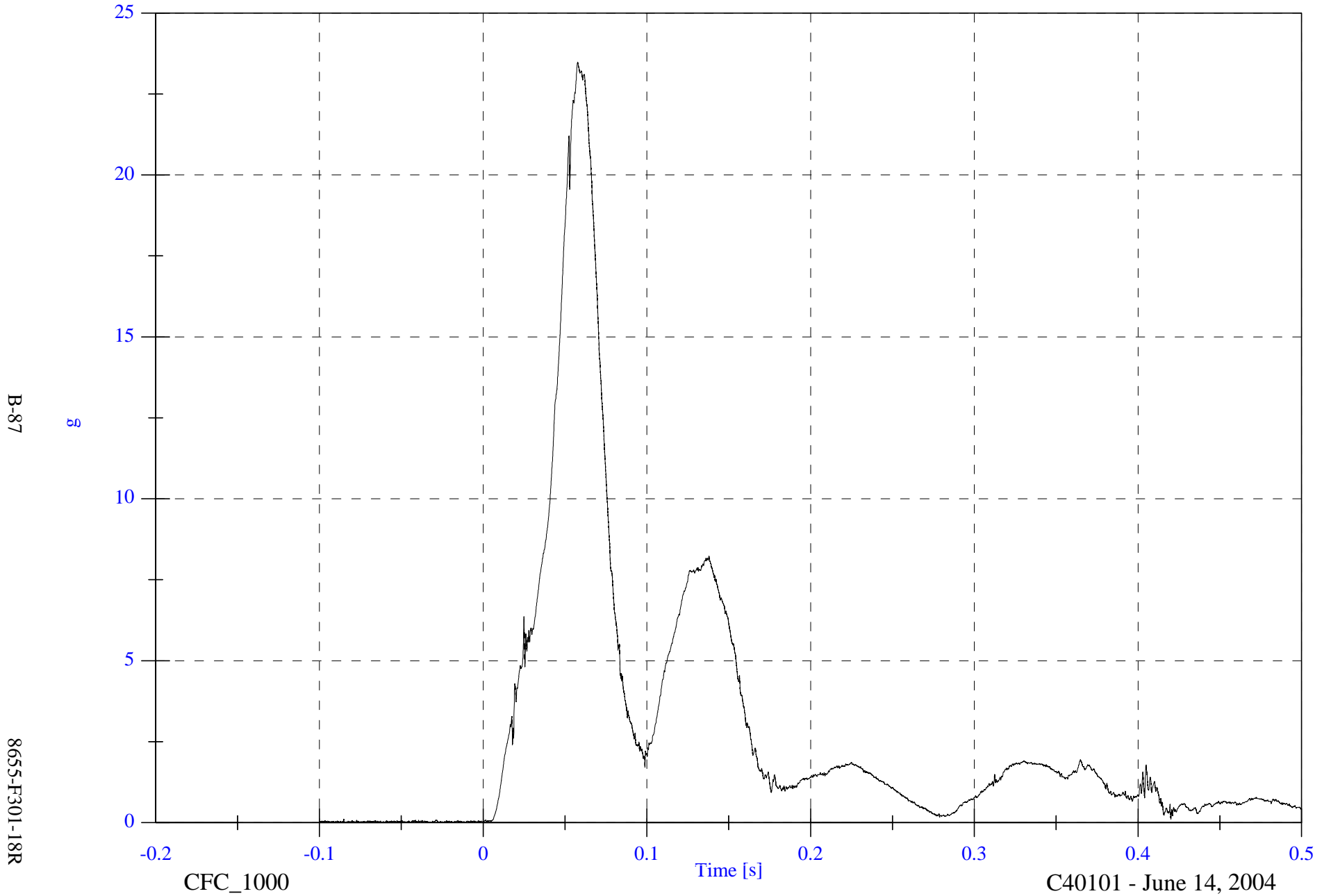


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Pelvic Resultant

Max: 23.5 [g] at 0.058 [s]

Min: 0.0 [g] at -0.062 [s]

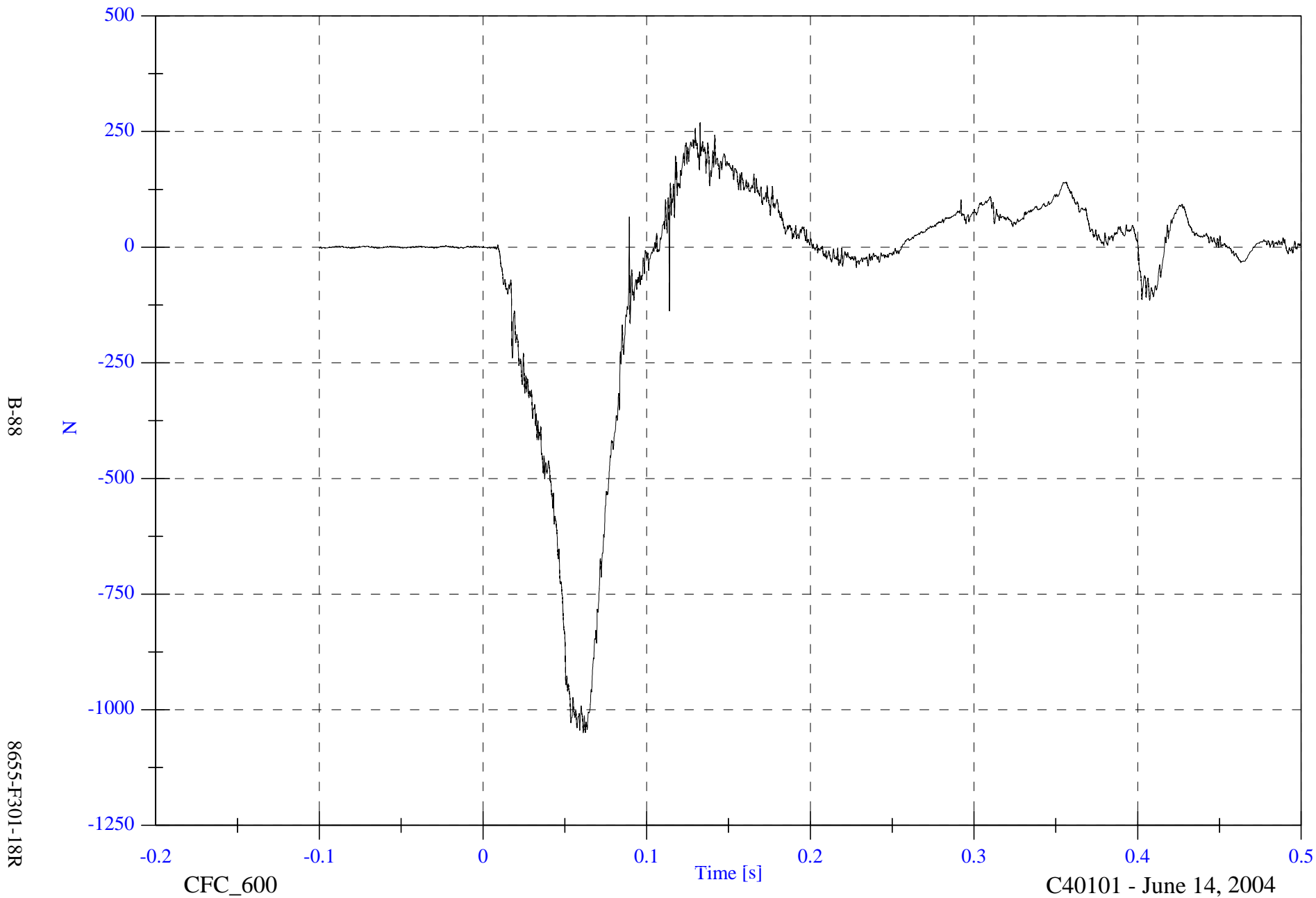


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Left Femur

Max: 269.1 [N] at 0.133 [s]

Min: -1049.9 [N] at 0.061 [s]



B-88

N

8655-F301-18R

CFC_600

Time [s]

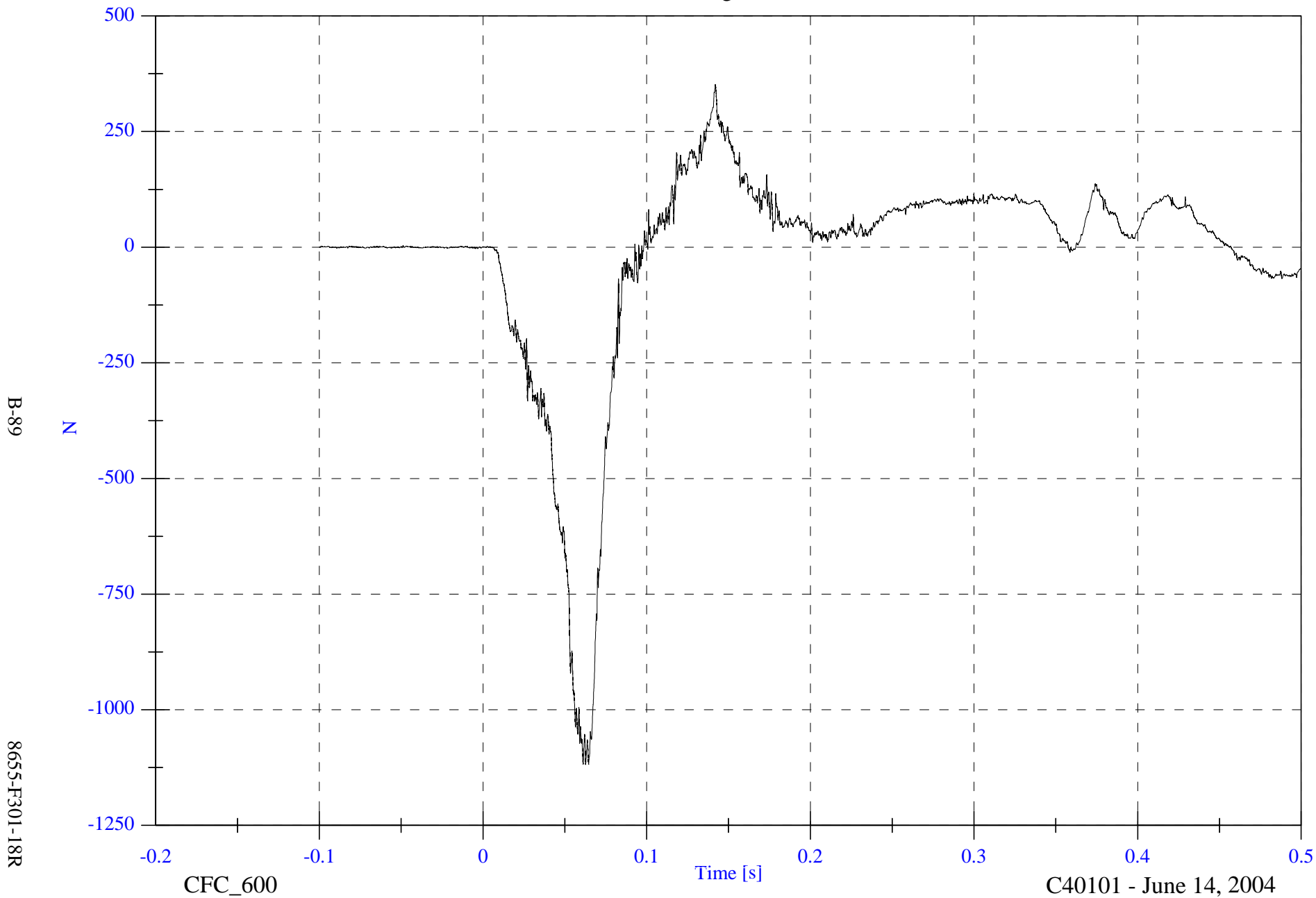
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Right Femur

Max: 351.4 [N] at 0.142 [s]

Min: -1118.5 [N] at 0.063 [s]

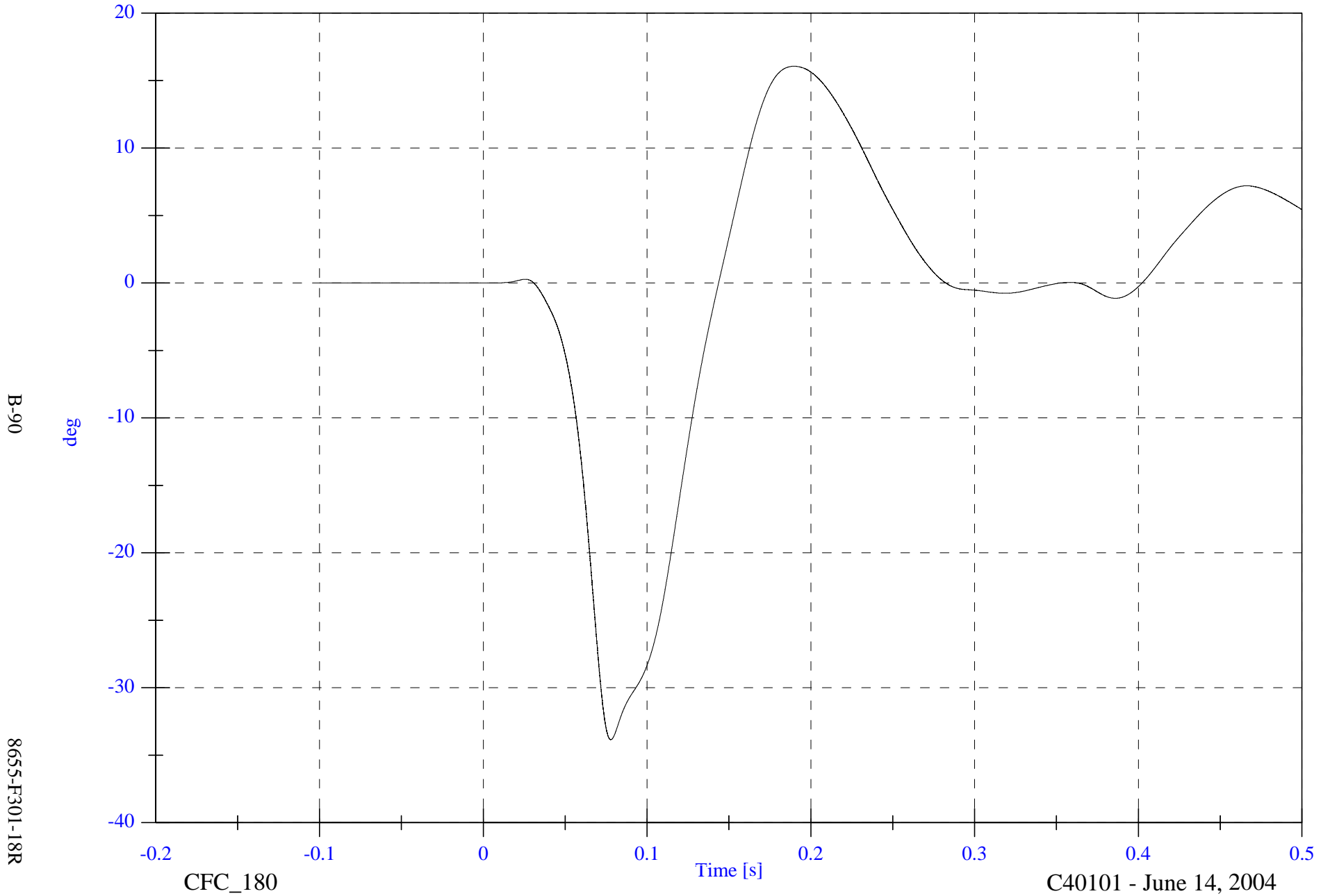


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Head to Chest

Max: 16.1 [deg] at 0.190 [s]

Min: -33.8 [deg] at 0.078 [s]



B-90

8655-F301-18R

CFC_180

Time [s]

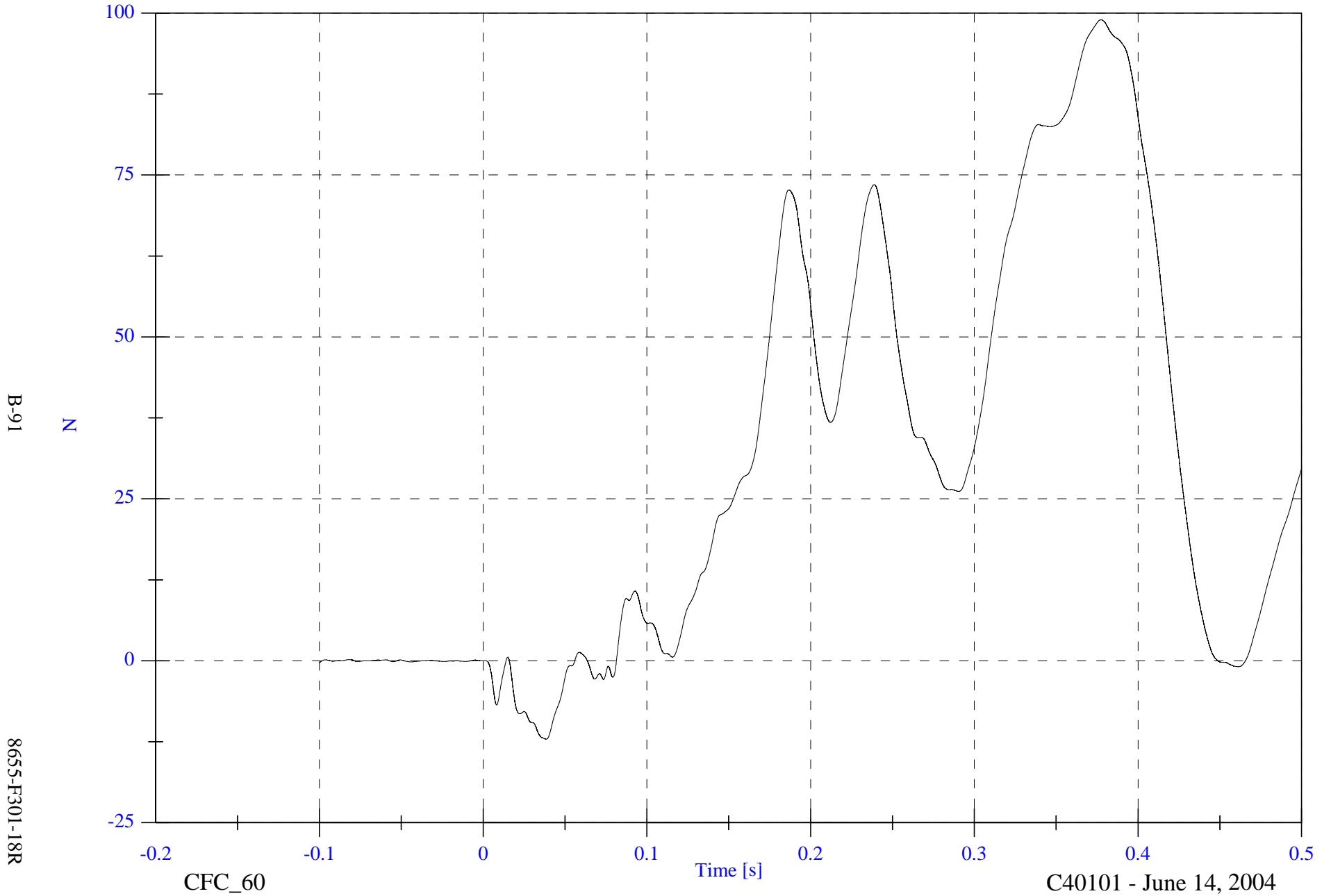
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P3 Lap Belt

Max: 99.0 [N] at 0.377 [s]

Min: -12.1 [N] at 0.038 [s]



B-91

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CFC_60

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

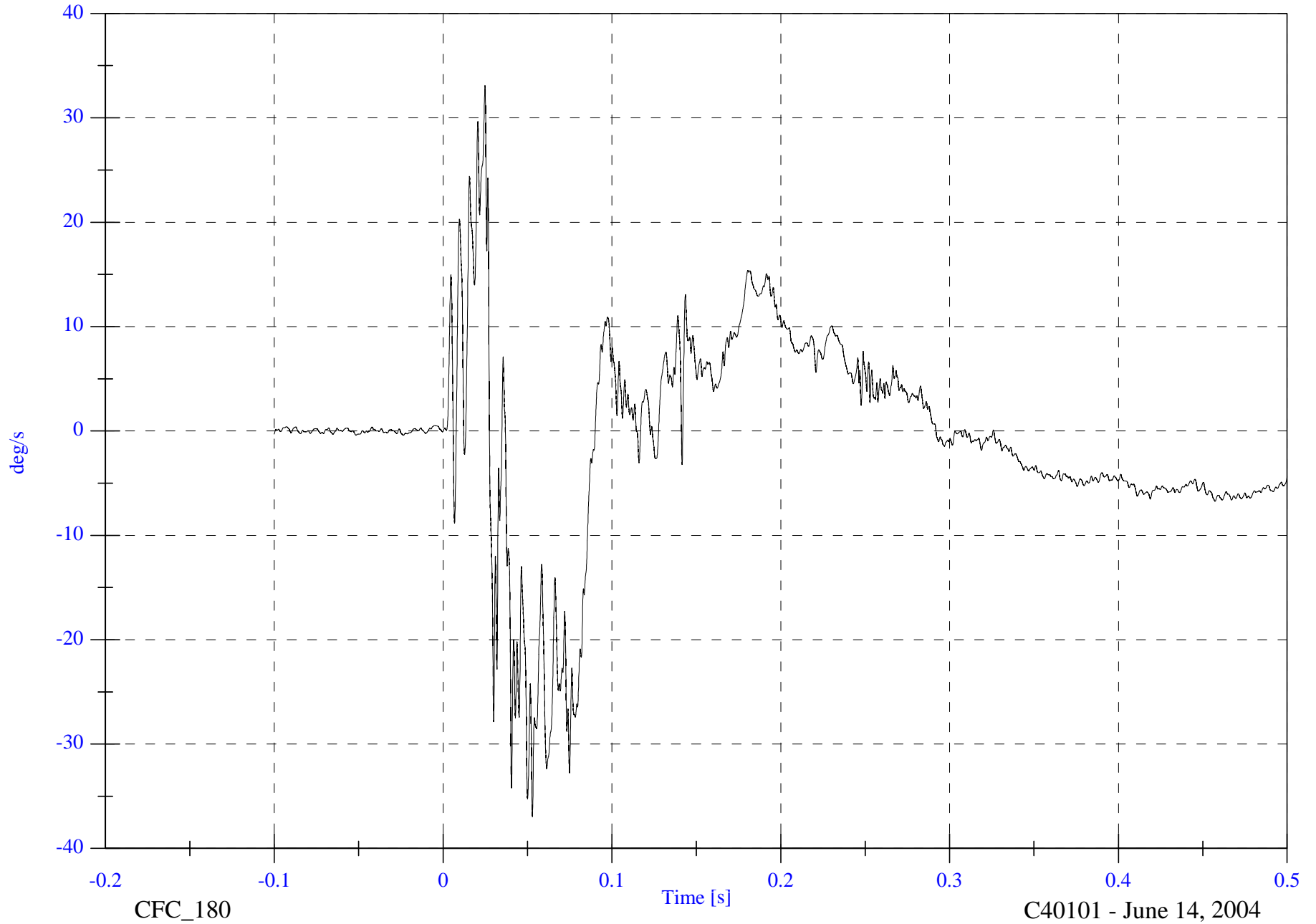
V2 Left Front Sill AVy

Max: 33.1 [deg/s] at 0.025 [s]

Min: -37.0 [deg/s] at 0.053 [s]

B-92

8655-F301-18R



CFC_180

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

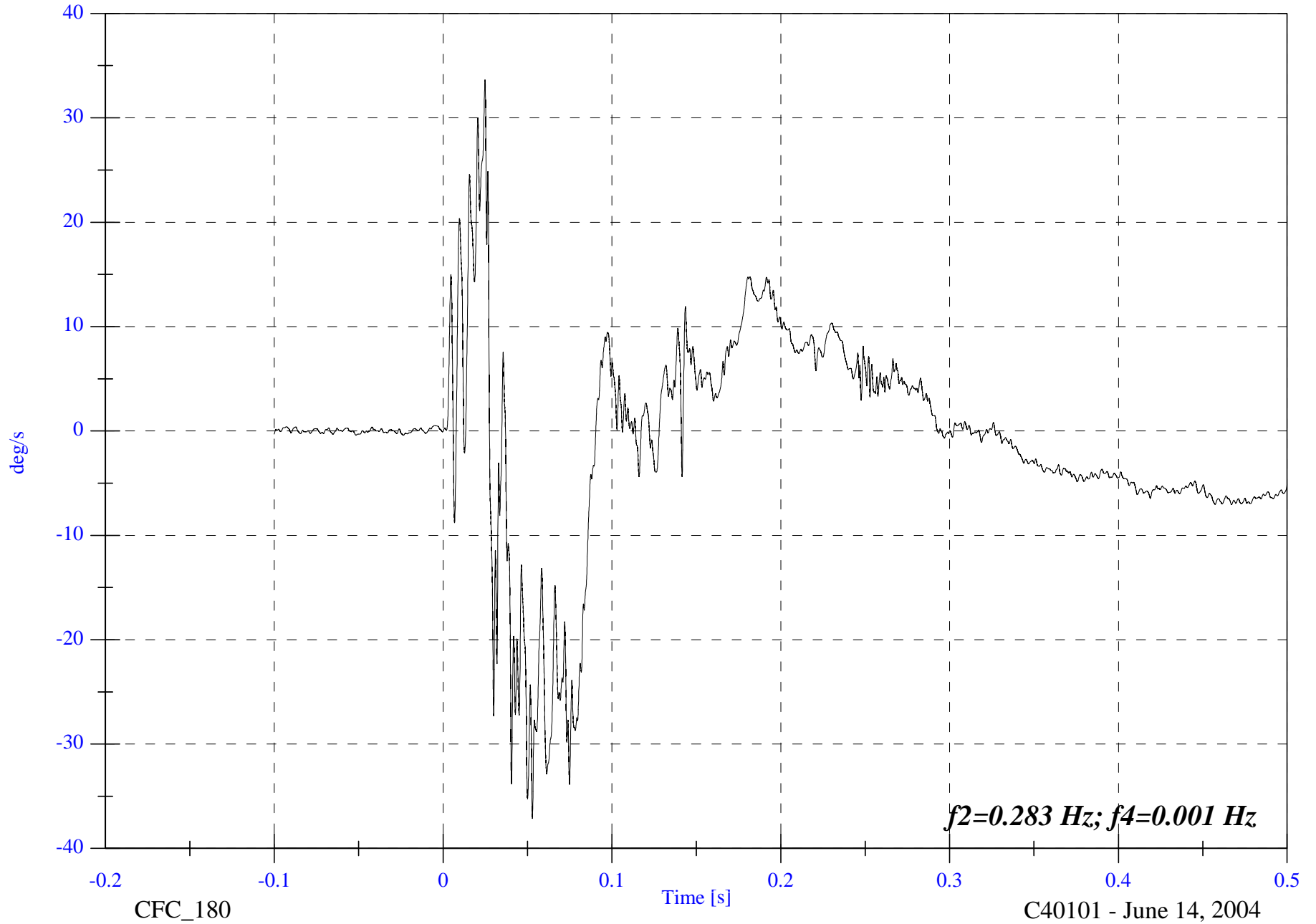
V2 Left Front Sill Comp AVy

Max: 33.6 [deg/s] at 0.025 [s]

Min: -37.1 [deg/s] at 0.053 [s]

B-93

8655-F301-18R

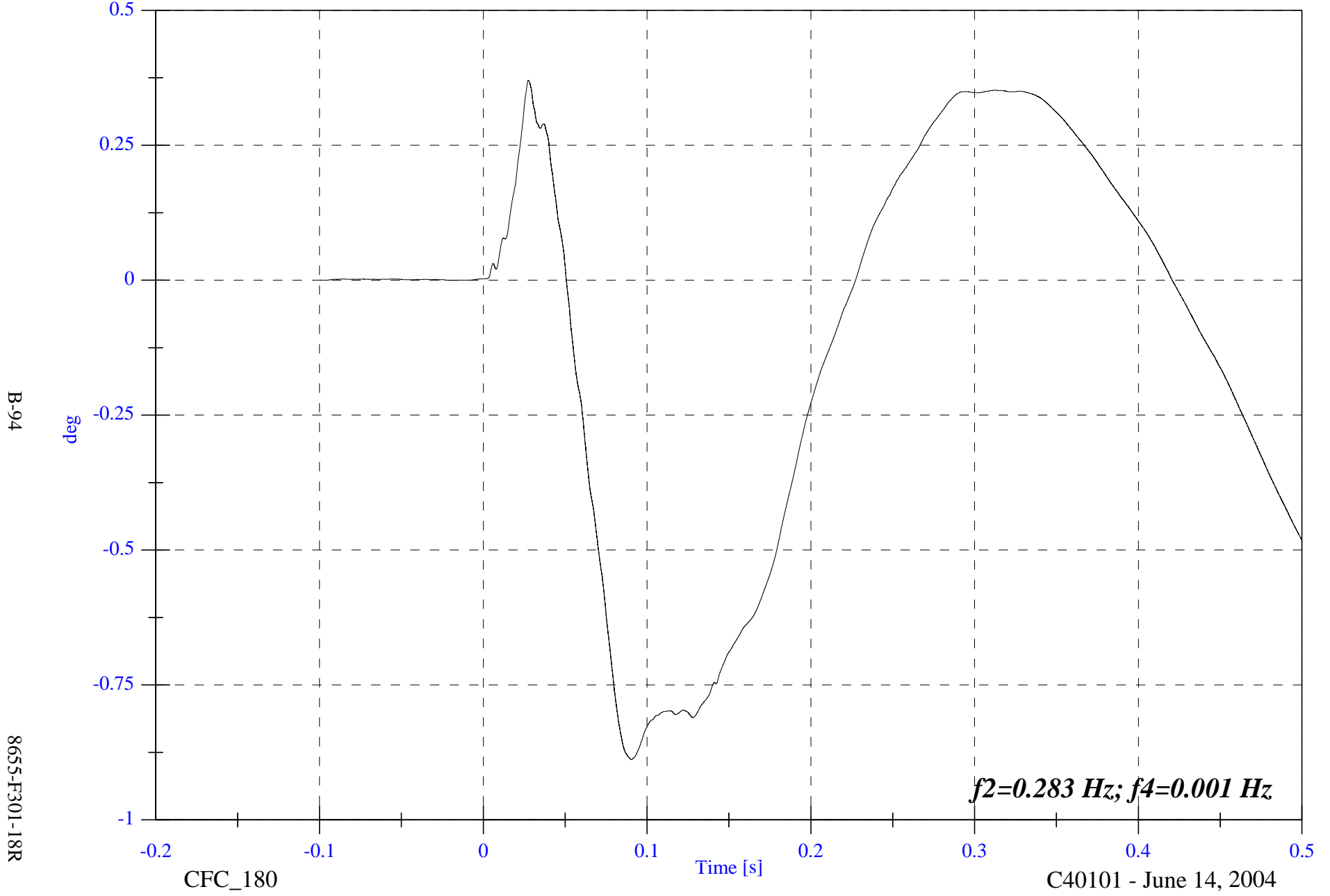


2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Left Front Sill Comp ADy

Max: 0.4 [deg] at 0.027 [s]

Min: -0.9 [deg] at 0.090 [s]



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8655-F301-18R

CFC_180

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Left Seat AVy

Max: 412.4 [deg/s] at 0.088 [s]

Min: -237.6 [deg/s] at 0.209 [s]



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8655-F301-18R

CFC_180

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

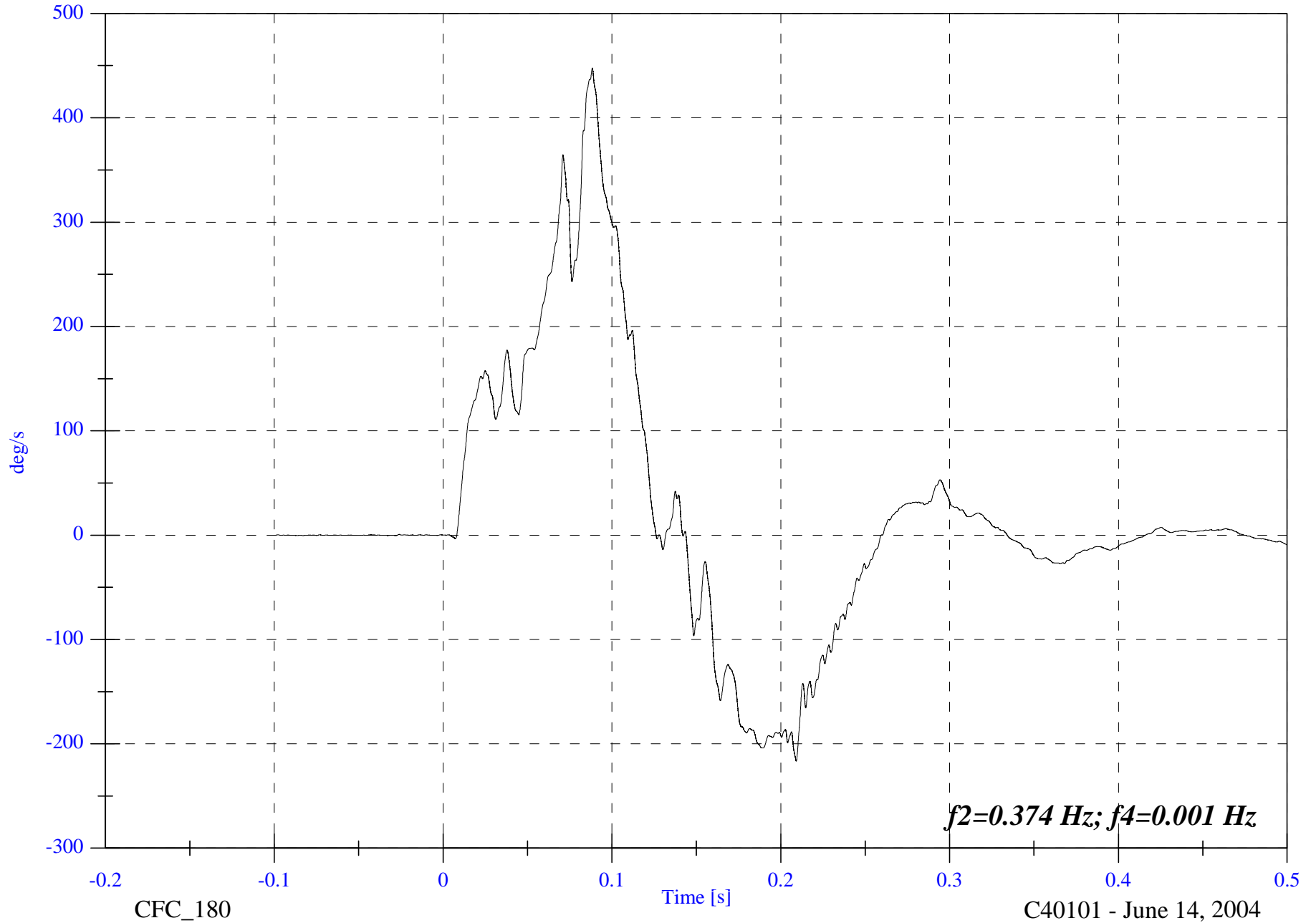
V2P1 Left Seat Comp AVy

Max: 447.8 [deg/s] at 0.088 [s]

Min: -216.6 [deg/s] at 0.209 [s]

B-96

8655-F301-18R



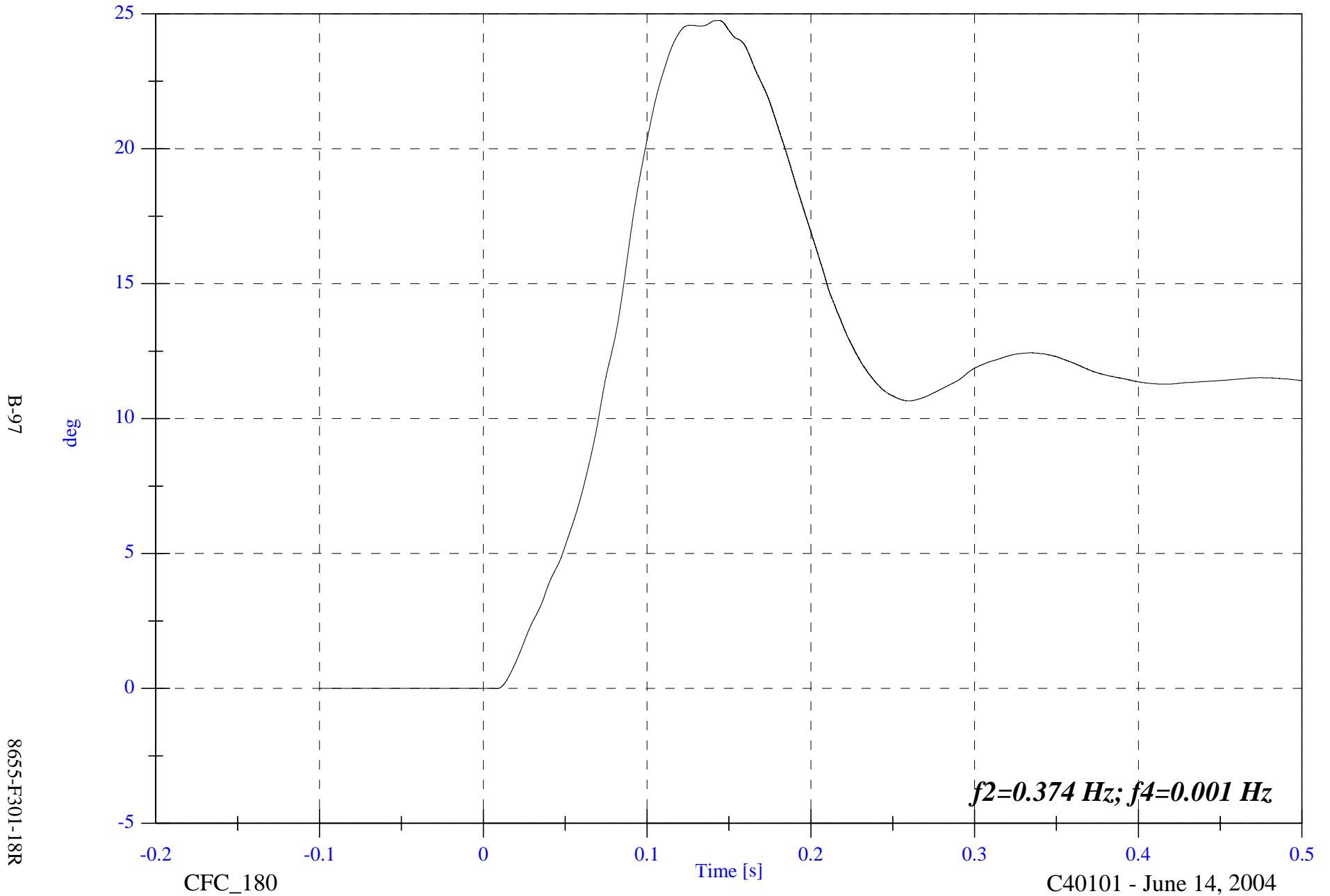
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Left Seat Comp ADy

Max: 24.8 [deg] at 0.144 [s]

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



B-97

8655-F301-18R

CFC_180

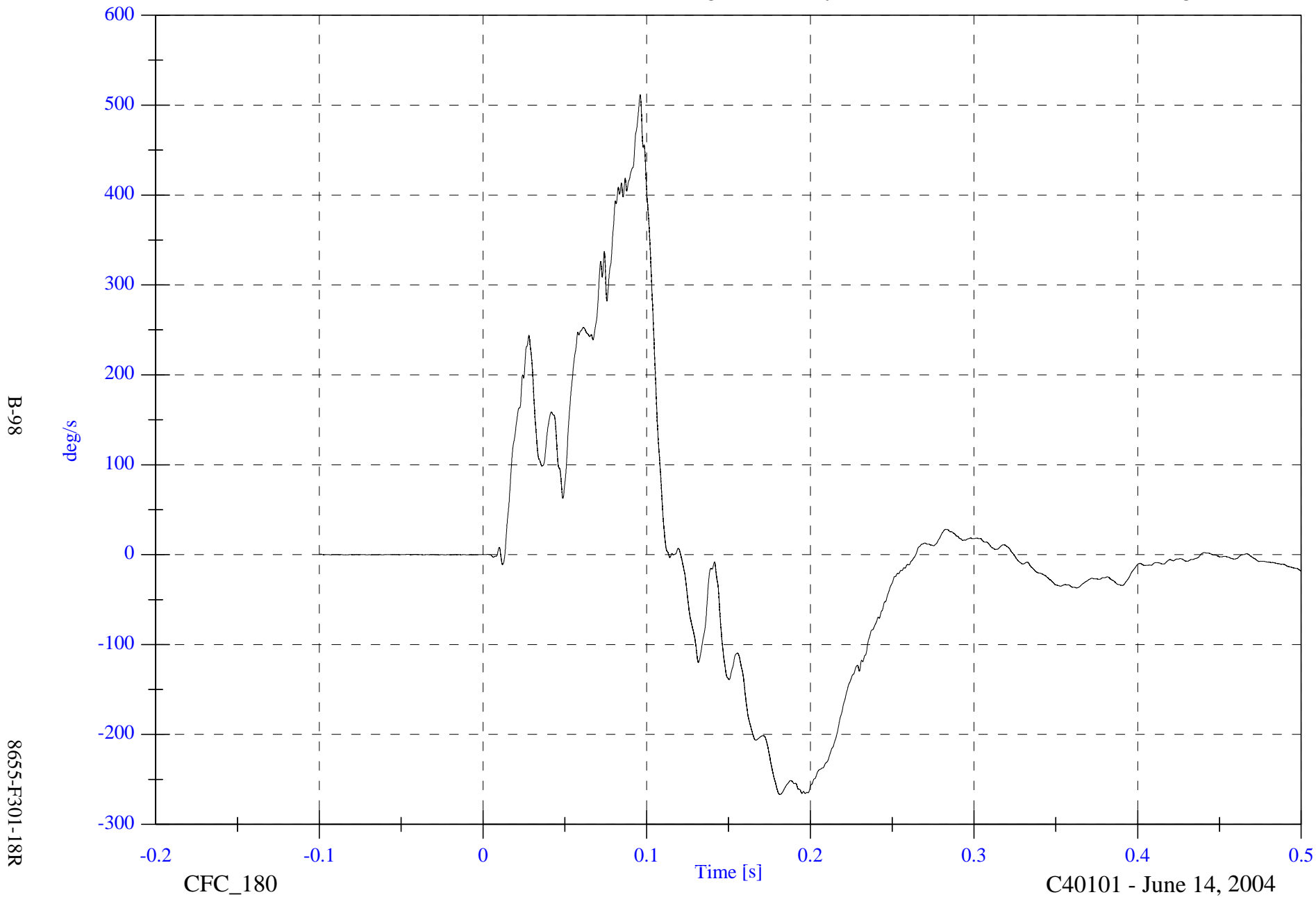
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Right Seat AVy

Max: 511.2 [deg/s] at 0.096 [s]

Min: -266.6 [deg/s] at 0.182 [s]



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8655-F301-18R

CFC_180

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

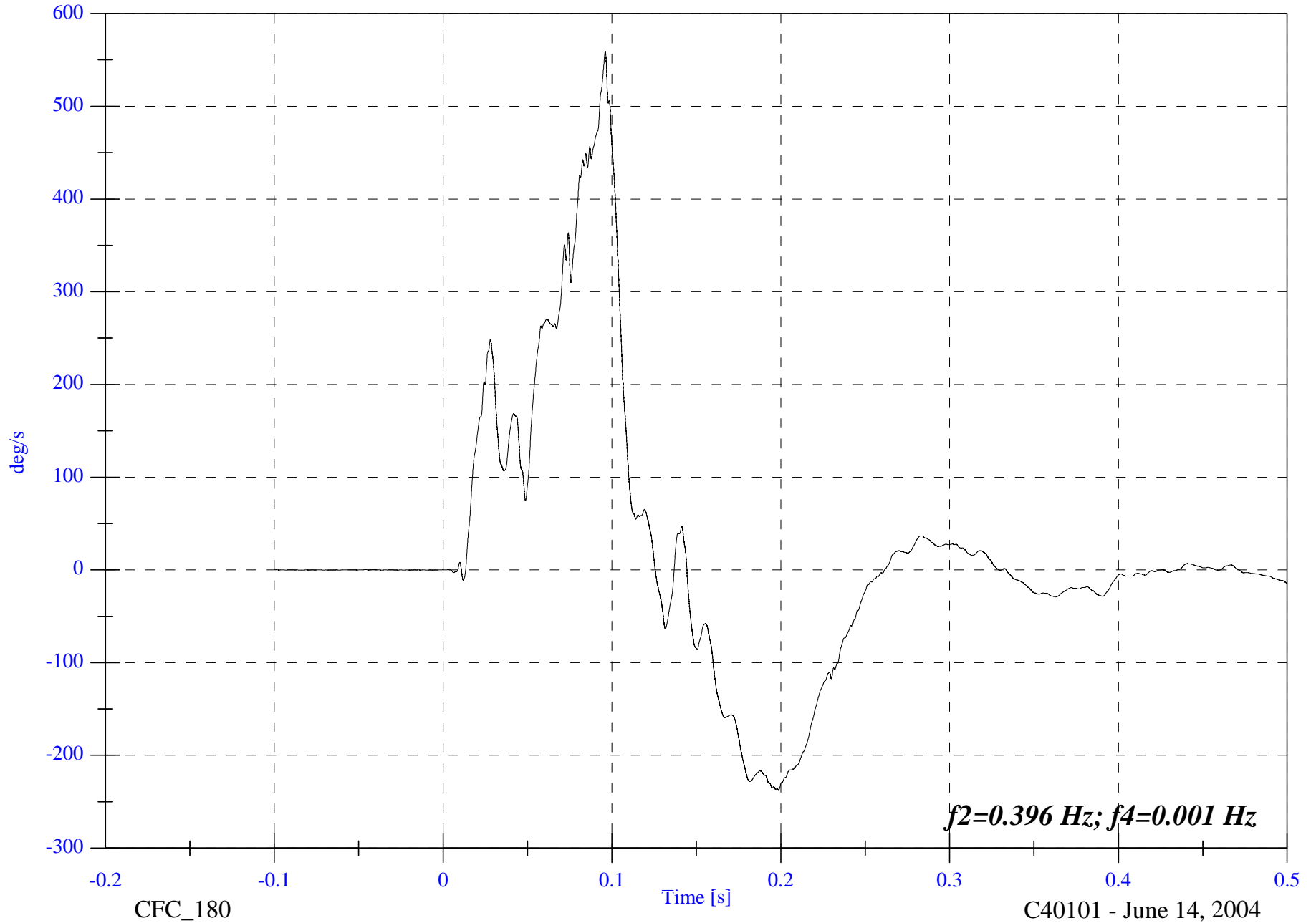
V2P1 Right Seat Comp AVy

Max: 559.2 [deg/s] at 0.096 [s]

Min: -237.1 [deg/s] at 0.199 [s]

B-99

8655-F301-18R



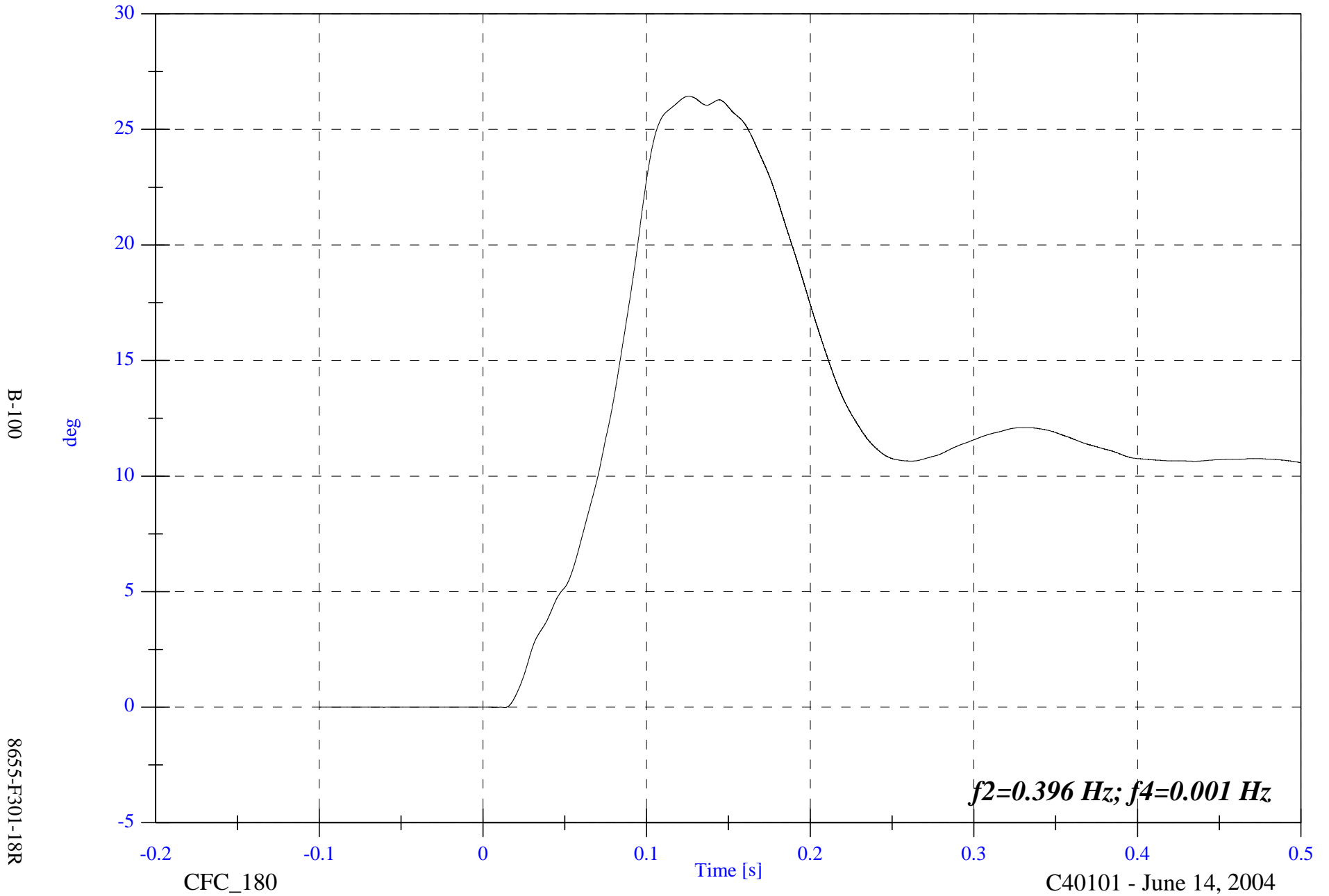
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Right Seat Comp ADy

Max: 26.4 [deg] at 0.126 [s]

Min: -0.0 [deg] at 0.013 [s]



B-100

8655-F301-18R

CFC_180

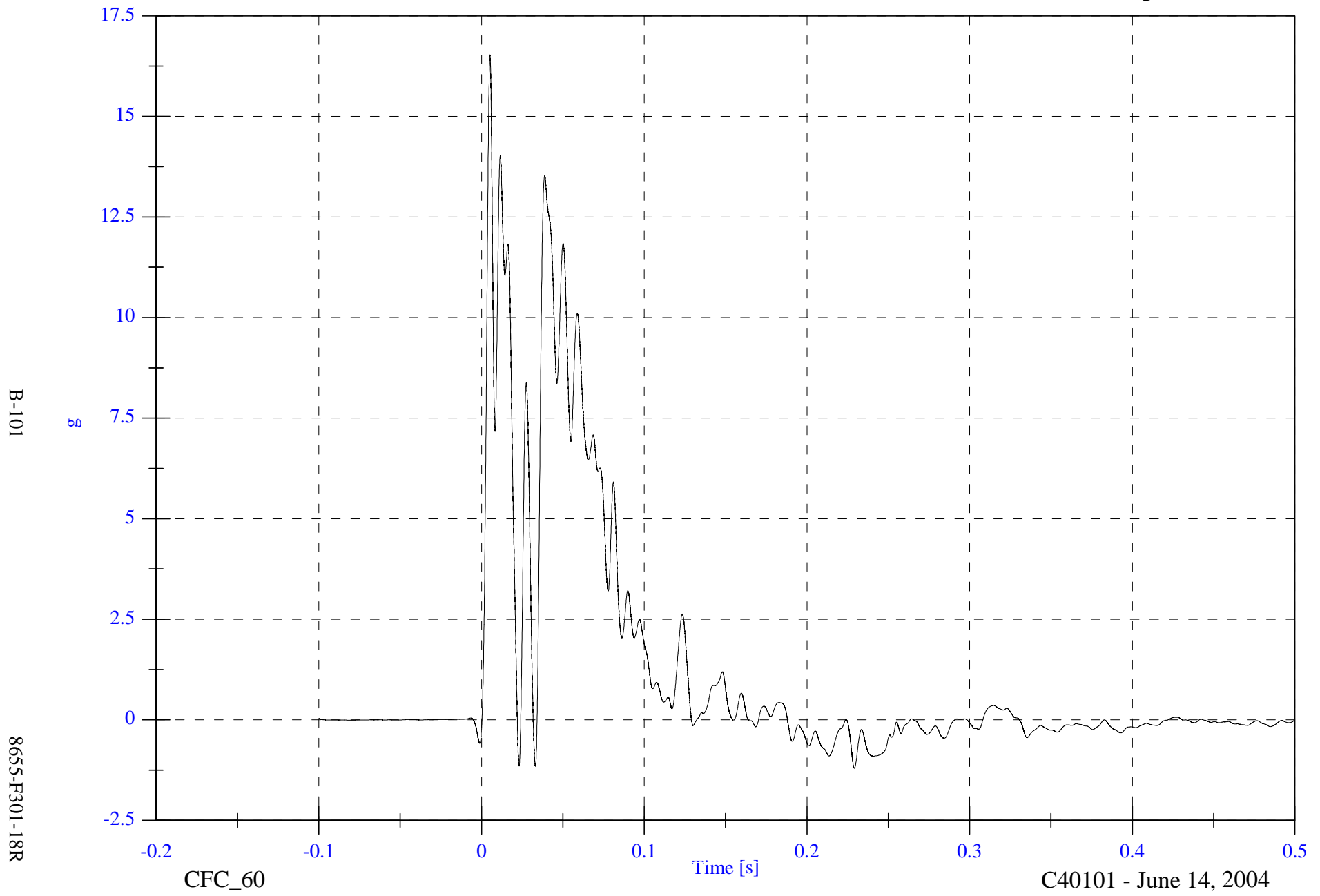
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 16.5 [g] at 0.005 [s]

V2 Left X Member x

Min: -1.2 [g] at 0.229 [s]



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8655-F301-18R

CFC_60

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

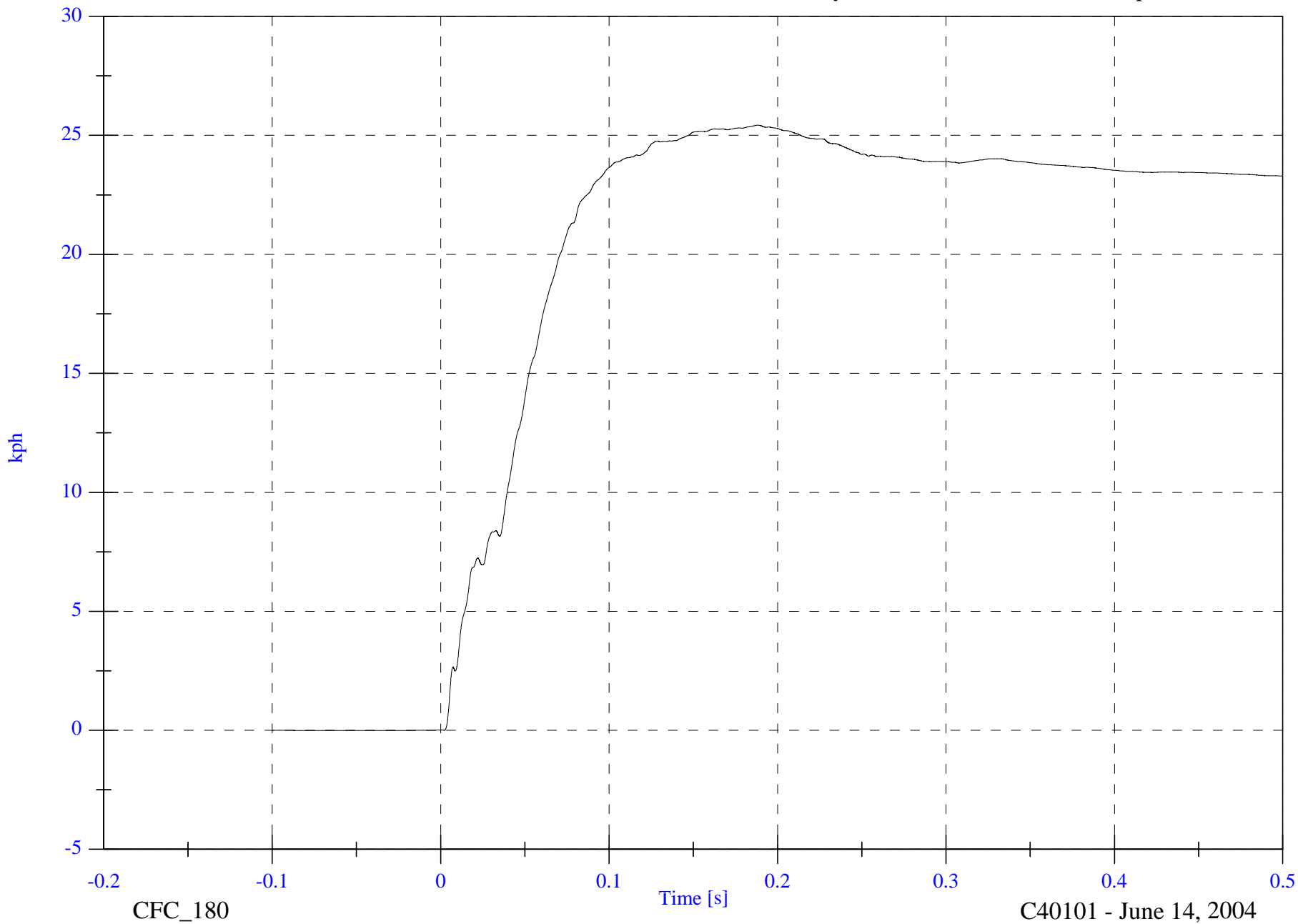
V2 Left X Member x Velocity

Max: 25.4 [kph] at 0.188 [s]

Min: -0.0 [kph] at -0.049 [s]

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8655-F301-18R



CFC_180

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

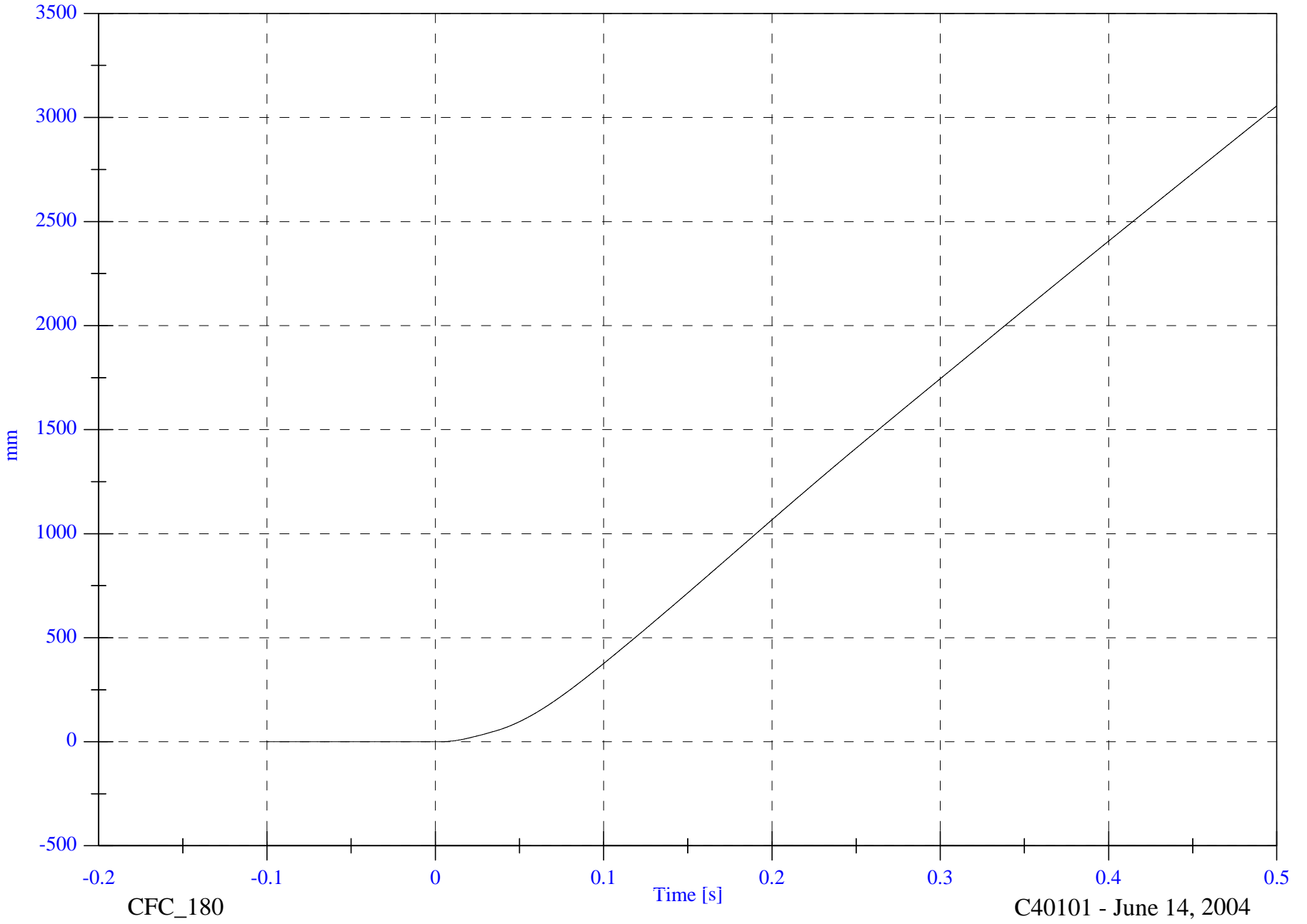
V2 Left X Member x Displacement

Max: 3055.8 [mm] at 0.500 [s]

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

B-103

8655-F301-18R



CFC_180

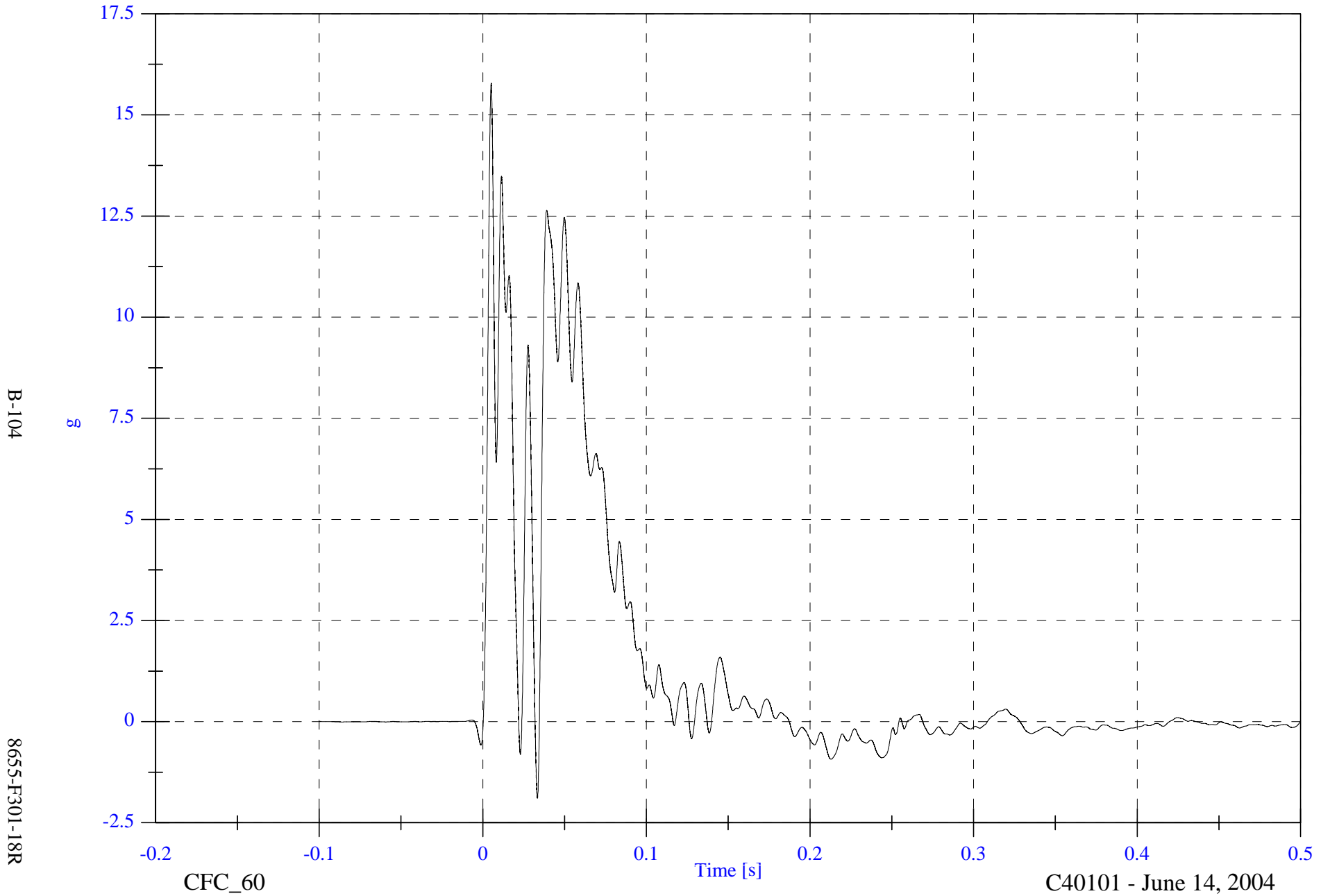
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Left X Member RED x

Max: 15.8 [g] at 0.005 [s]

Min: -1.9 [g] at 0.033 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

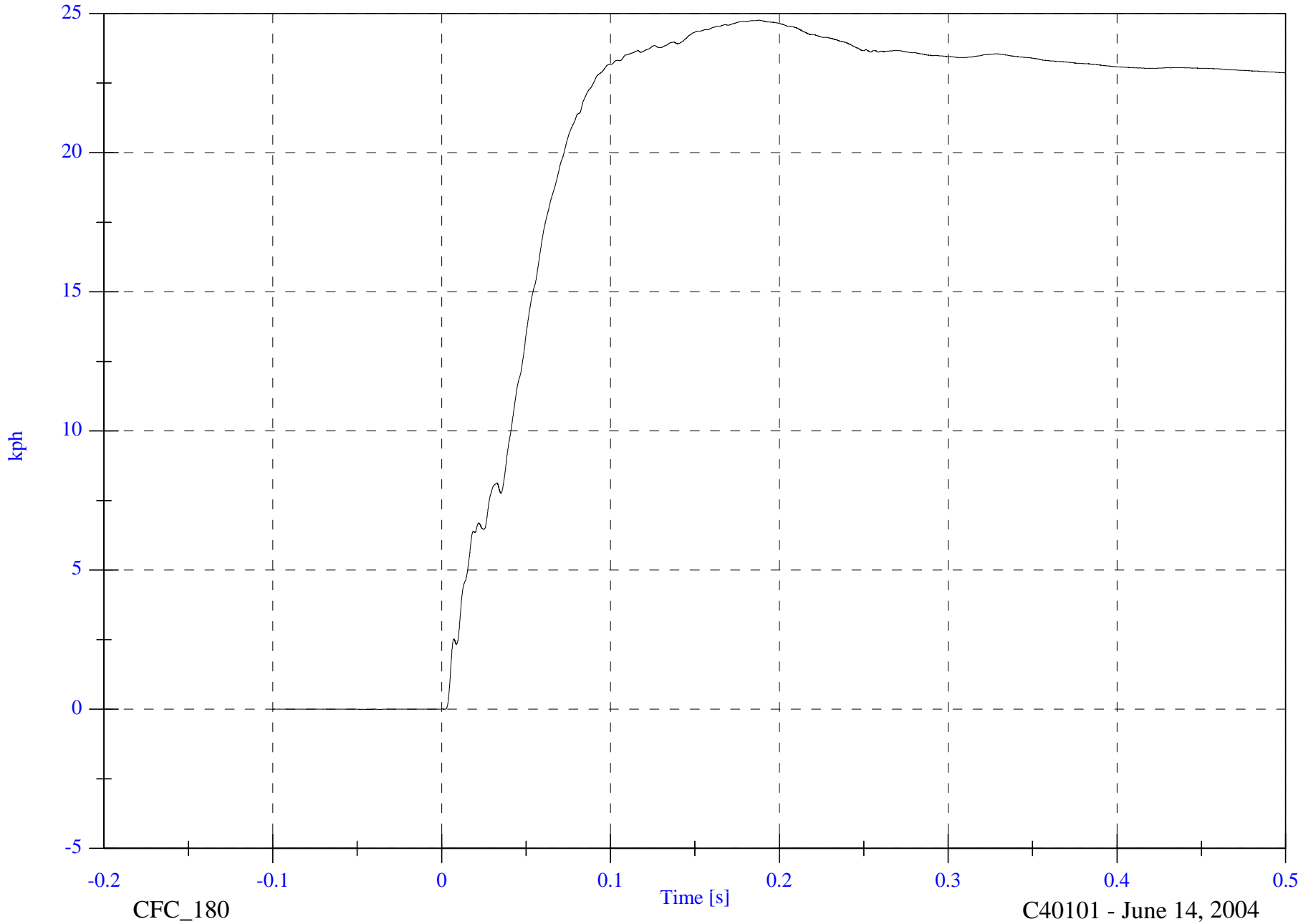
V2 Left X Member RED x Velocity

Max: 24.8 [kph] at 0.188 [s]

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

B-105

8655-F301-18R



CFC_180

Time [s]

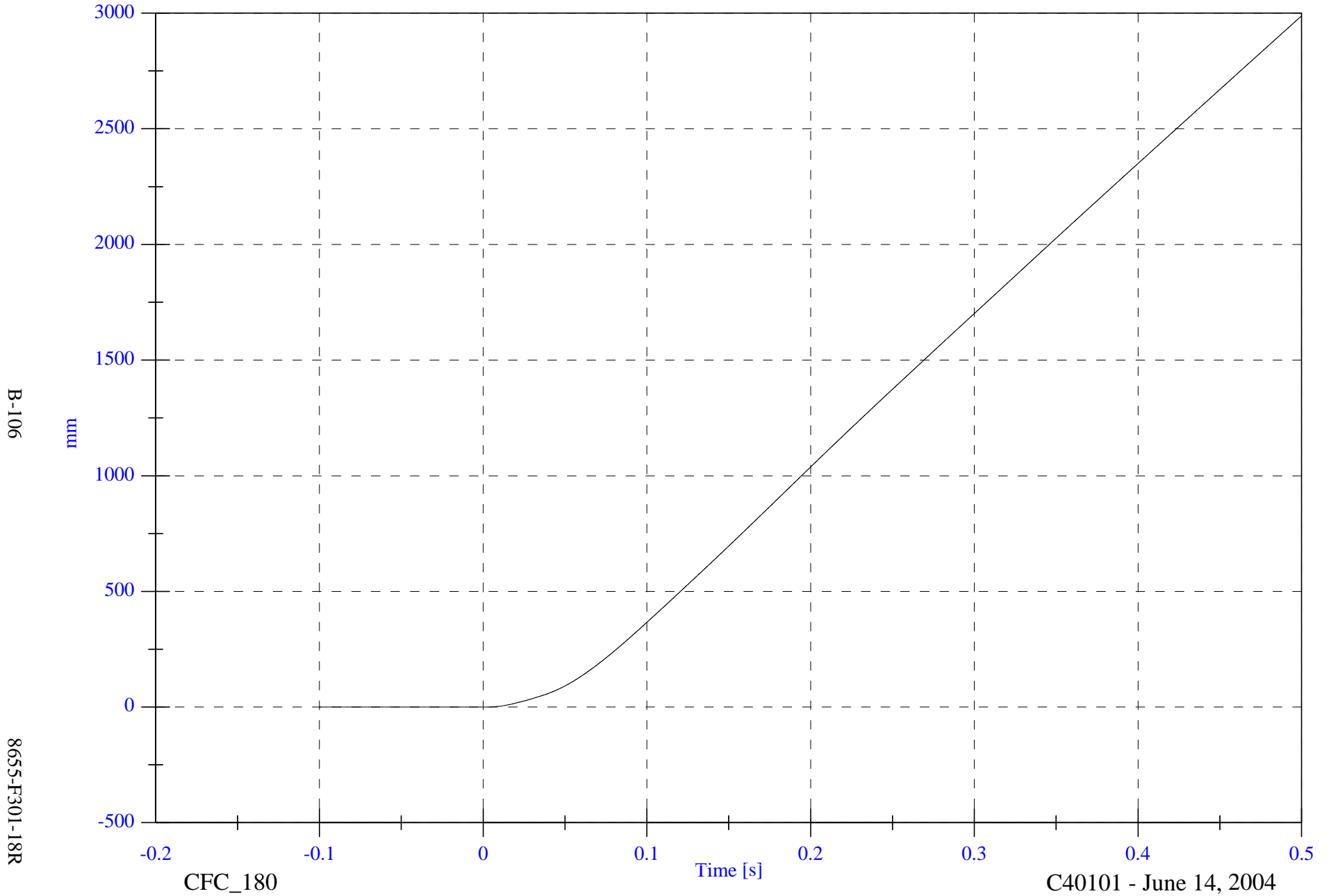
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Left X Member RED x Displacement

Max: 2988.1 [mm] at 0.500 [s]

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



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8655-F301-18R

CFC_180

Time [s]

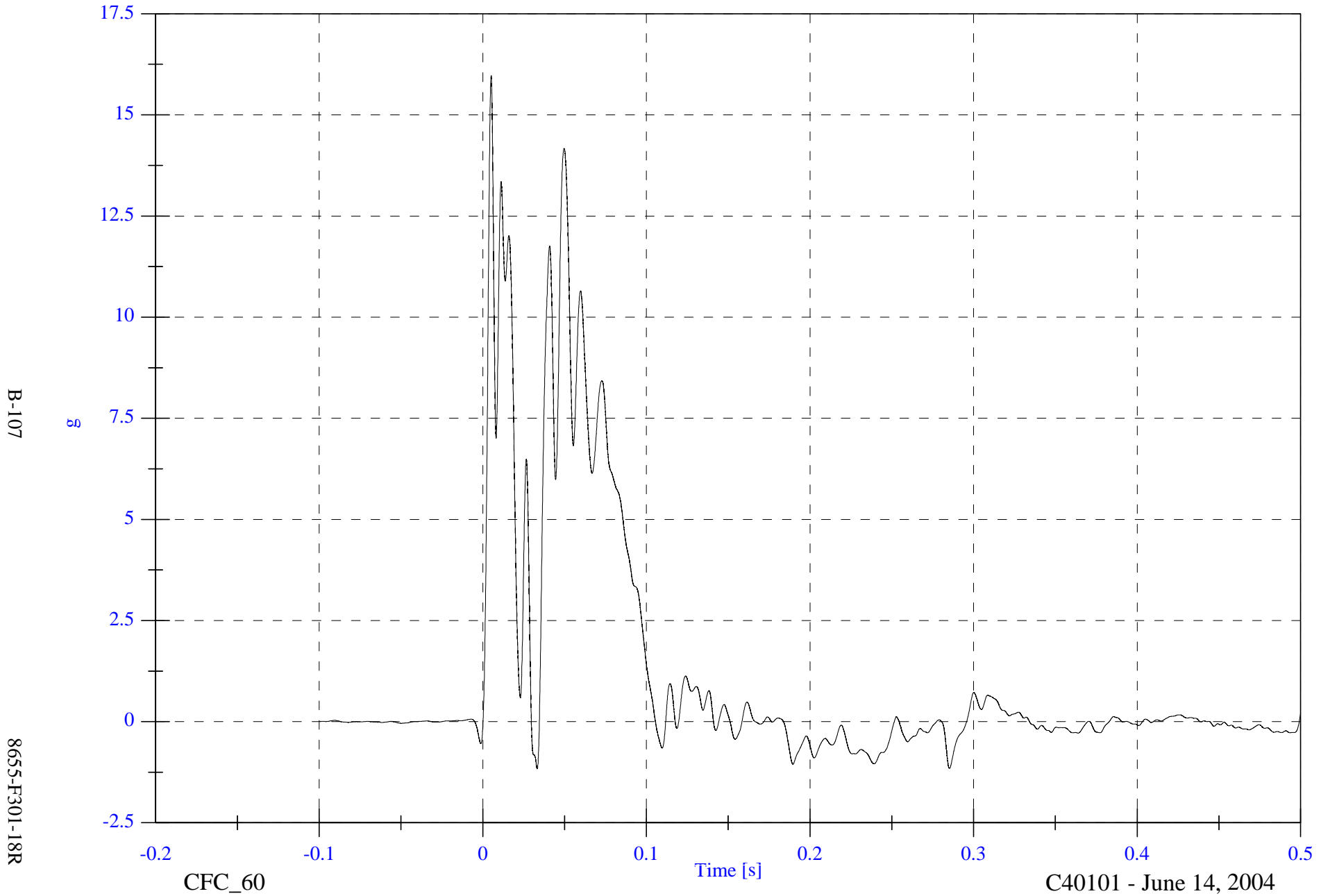
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Right X Member x

Max: 16.0 [g] at 0.005 [s]

Min: -1.2 [g] at 0.033 [s]



2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

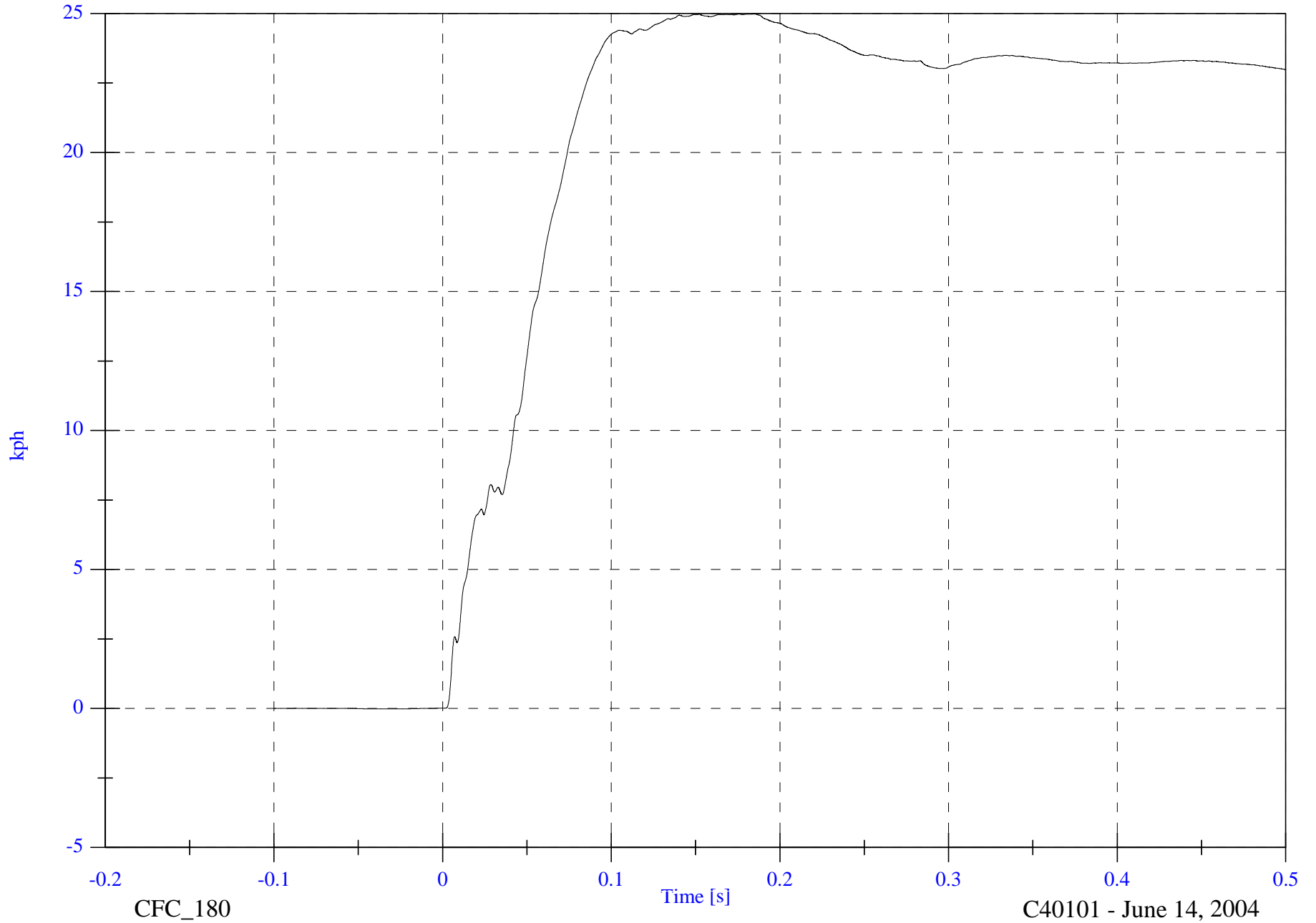
V2 Right X Member x Velocity

Max: 25.0 [kph] at 0.185 [s]

Min: -0.0 [kph] at -0.043 [s]

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8655-F301-18R



CFC_180

Time [s]

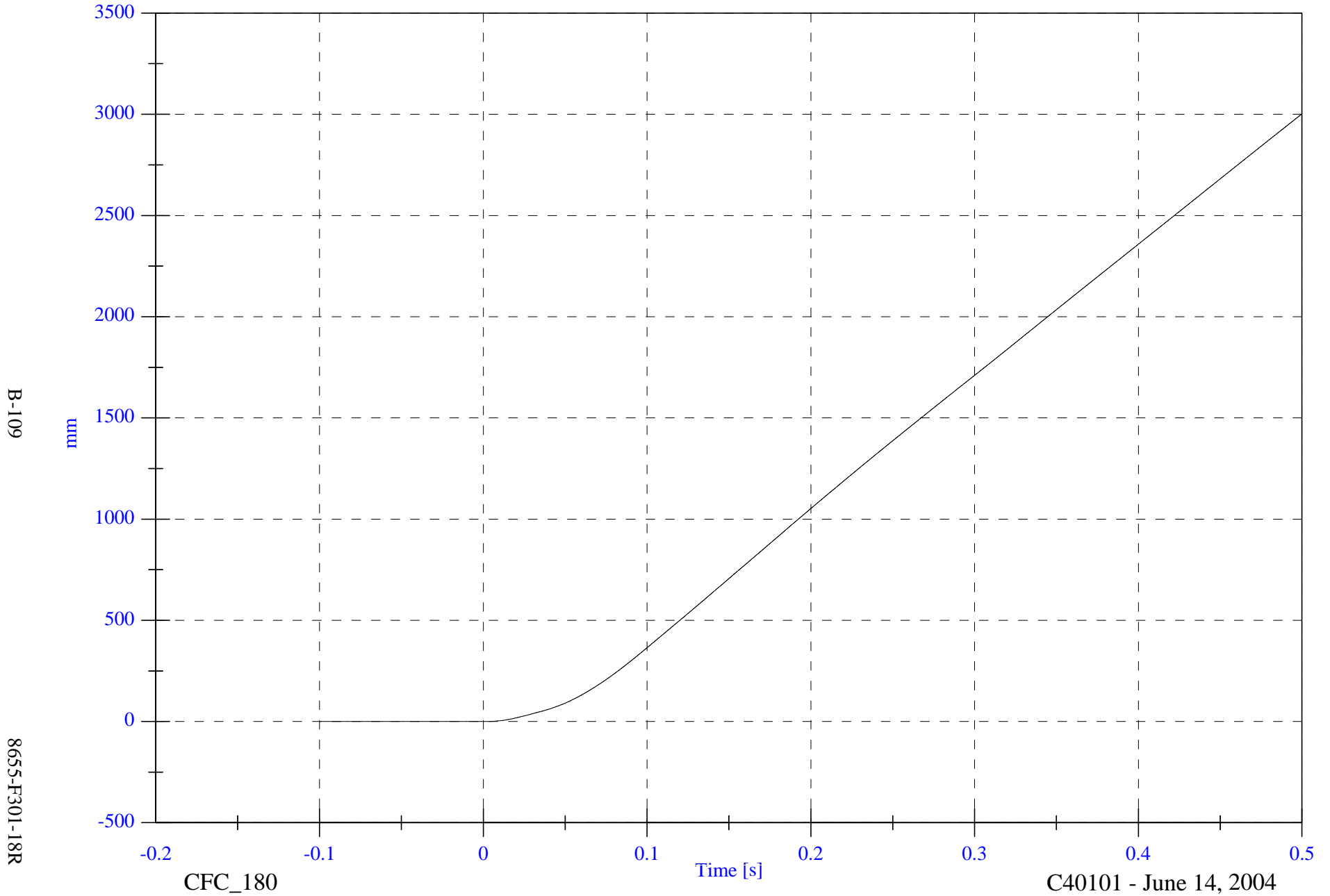
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Right X Member x Displacement

Max: 3002.4 [mm] at 0.500 [s]

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



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8655-F301-18R

CFC_180

Time [s]

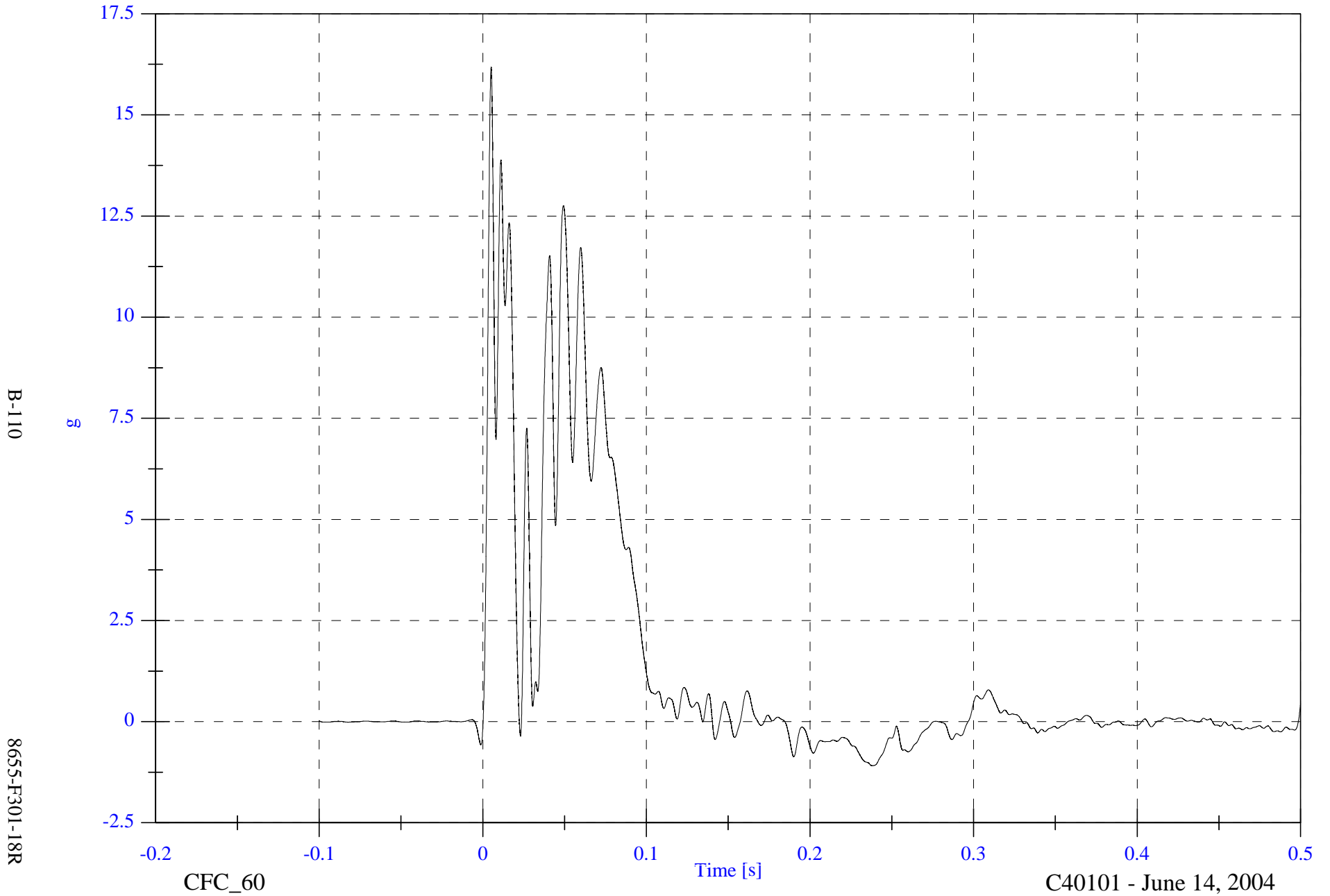
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Right X Member RED x

Max: 16.2 [g] at 0.005 [s]

Min: -1.1 [g] at 0.238 [s]



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8655-F301-18R

CFC_60

Time [s]

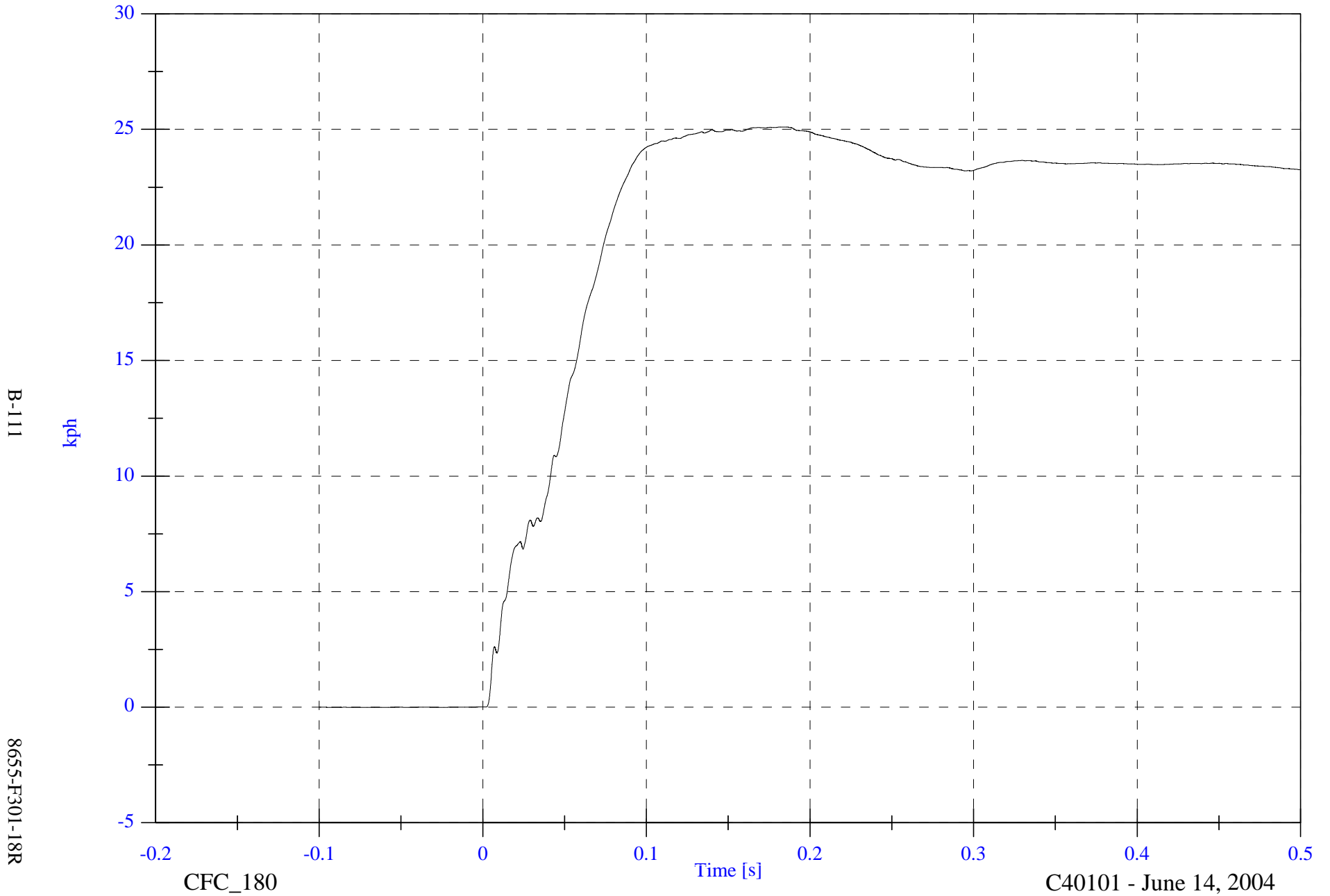
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 25.1 [kph] at 0.186 [s]

V2 Right X Member RED x Velocity

Min: -0.0 [kph] at -0.074 [s]



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8655-F301-18R

CFC_180

Time [s]

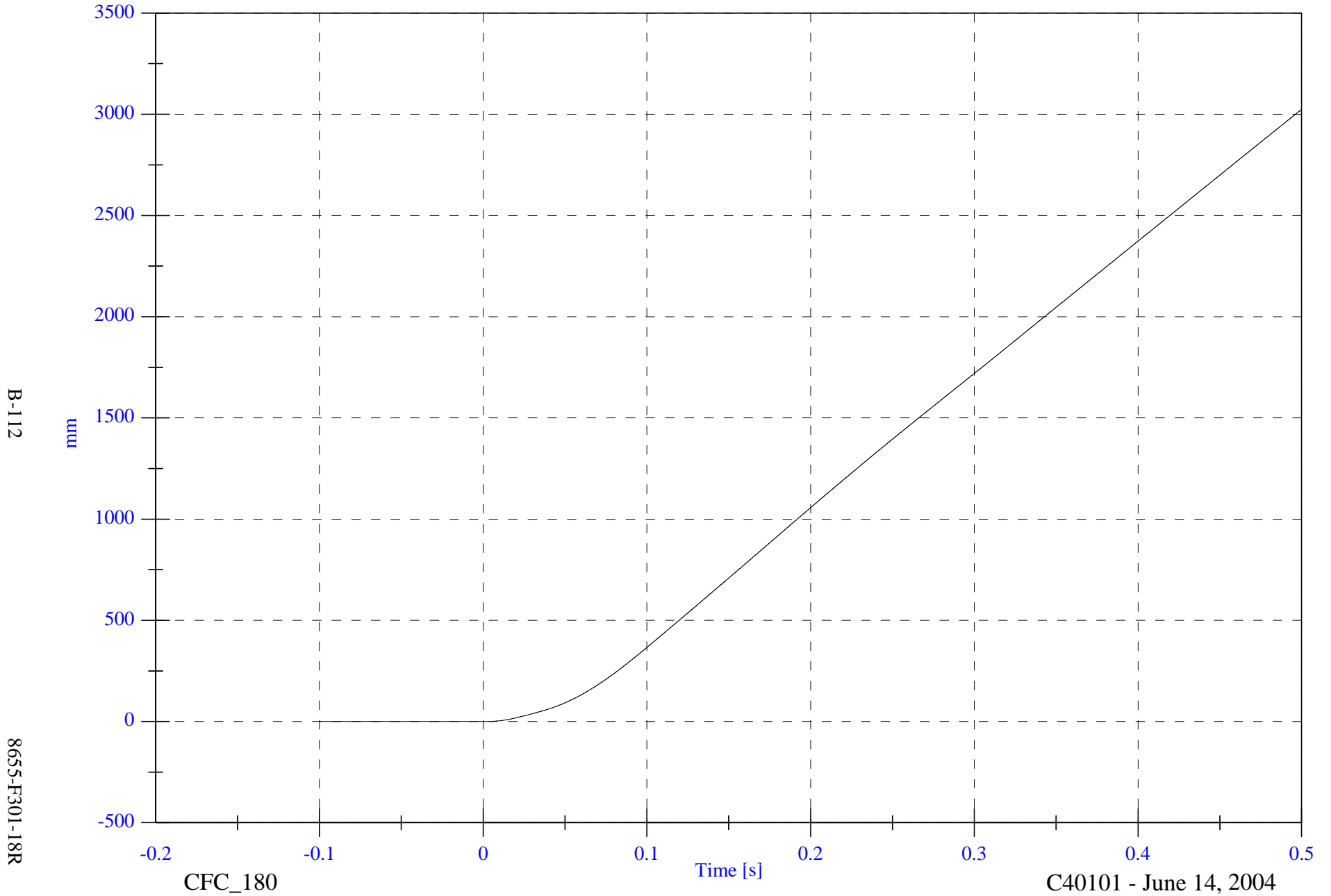
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2 Right X Member RED x Displacement

Max: 3024.2 [mm] at 0.500 [s]

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



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8655-F301-18R

CFC_180

Time [s]

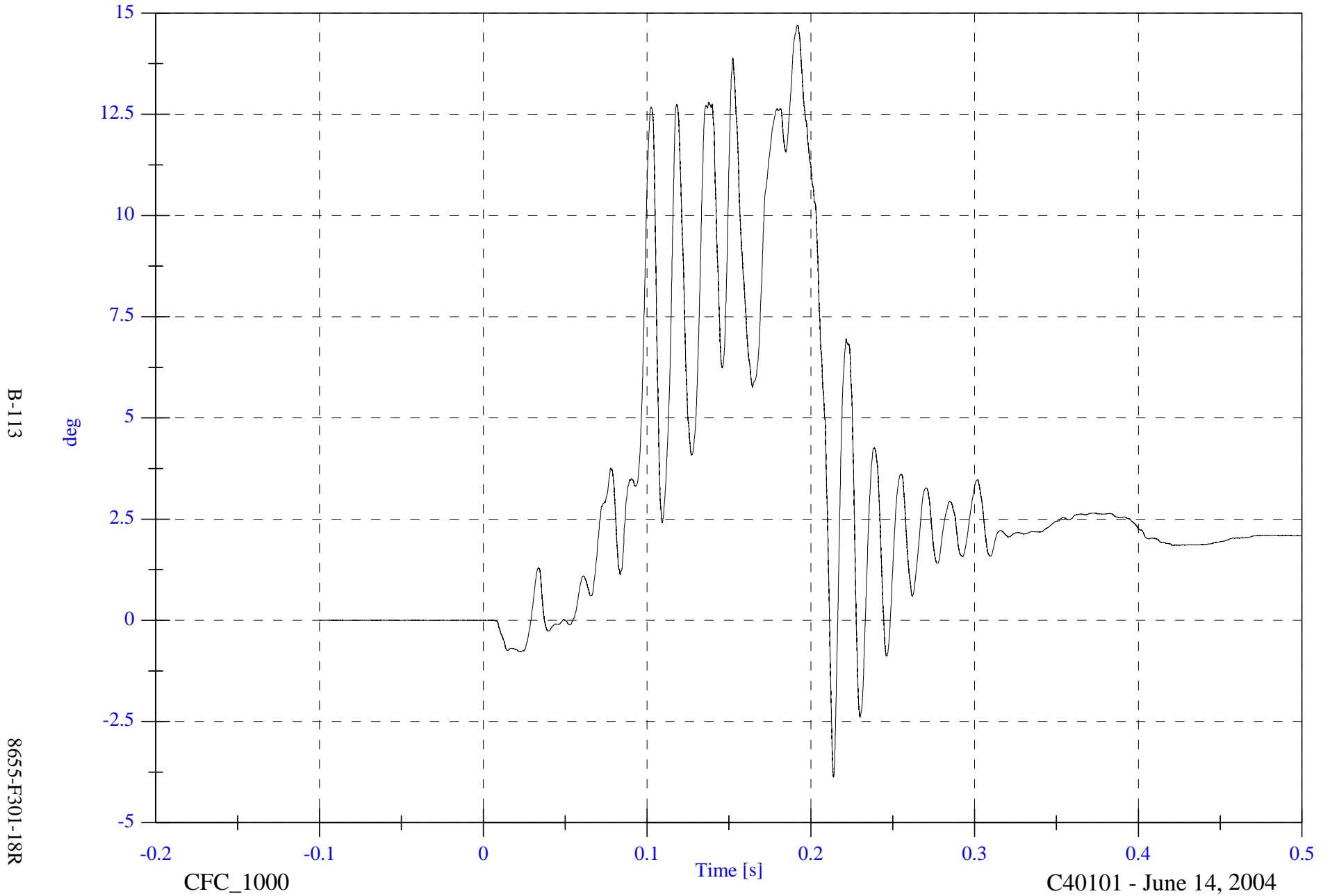
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Left Link ADy

Max: 14.7 [deg] at 0.192 [s]

Min: -3.9 [deg] at 0.214 [s]



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8655-F301-18R

CFC_1000

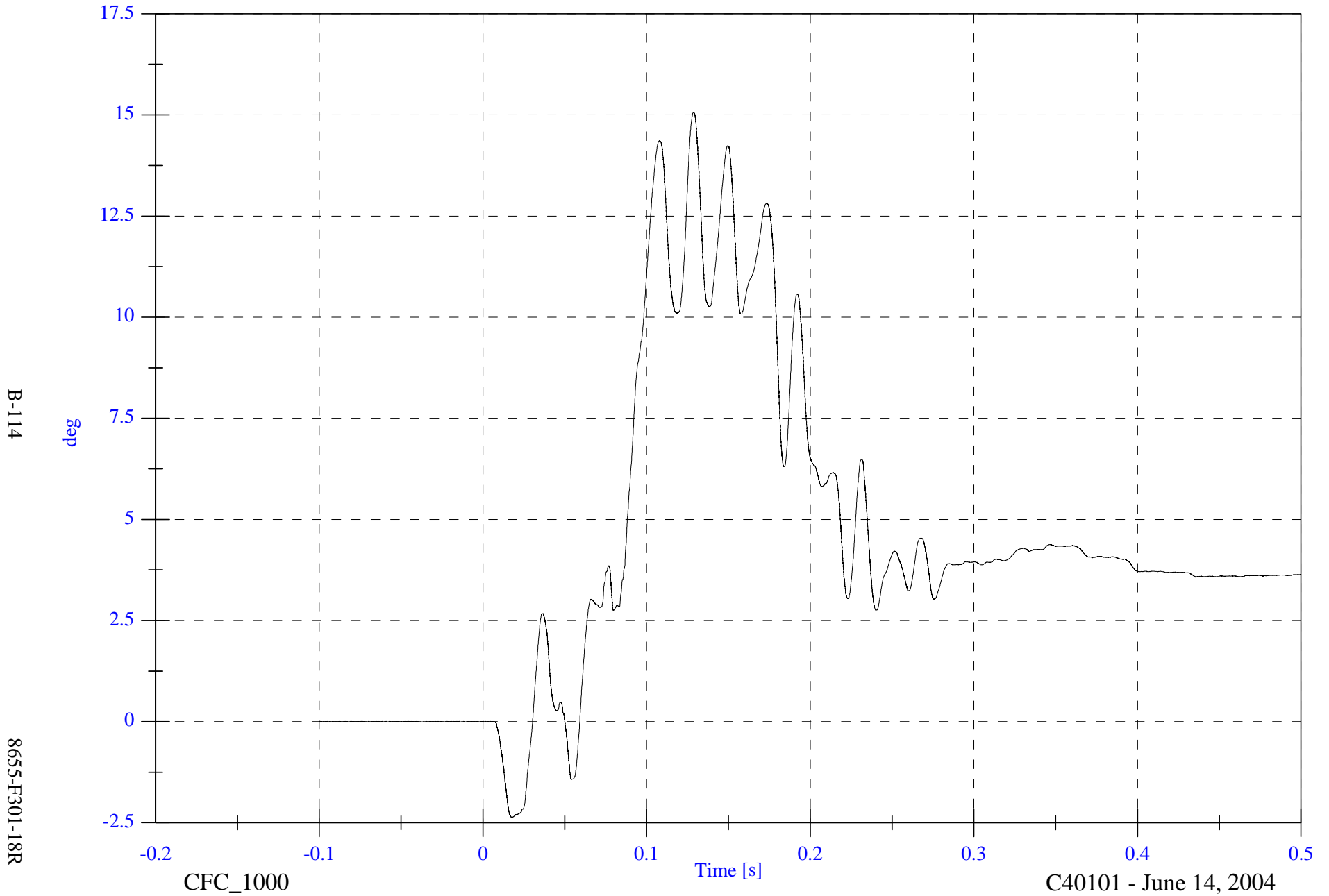
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Right Link ADy

Max: 15.1 [deg] at 0.129 [s]

Min: -2.4 [deg] at 0.018 [s]



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8655-F301-18R

CFC_1000

Time [s]

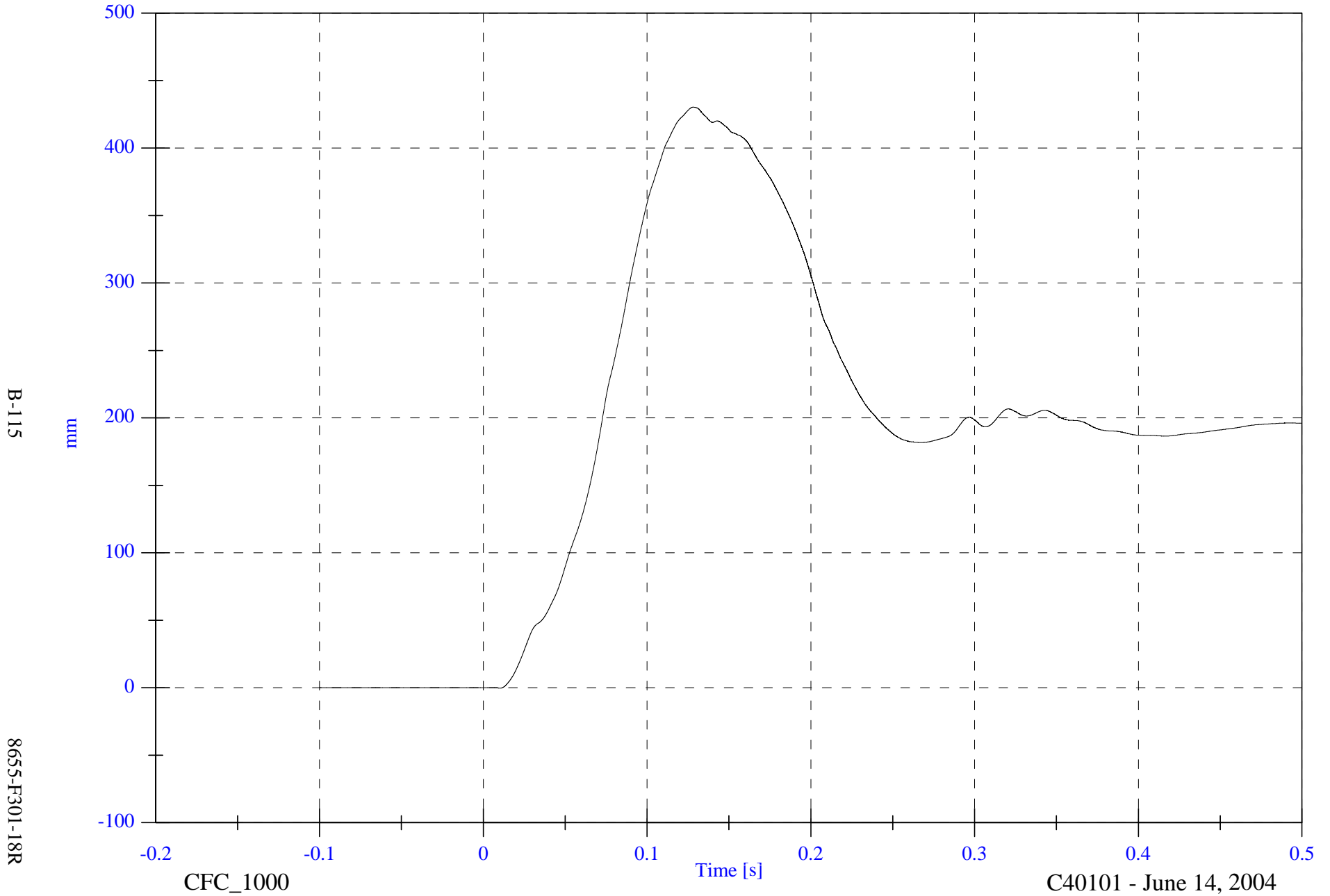
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

V2P1 Left Span Bar Displacement

Max: 430.3 [mm] at 0.128 [s]

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



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CFC_1000

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

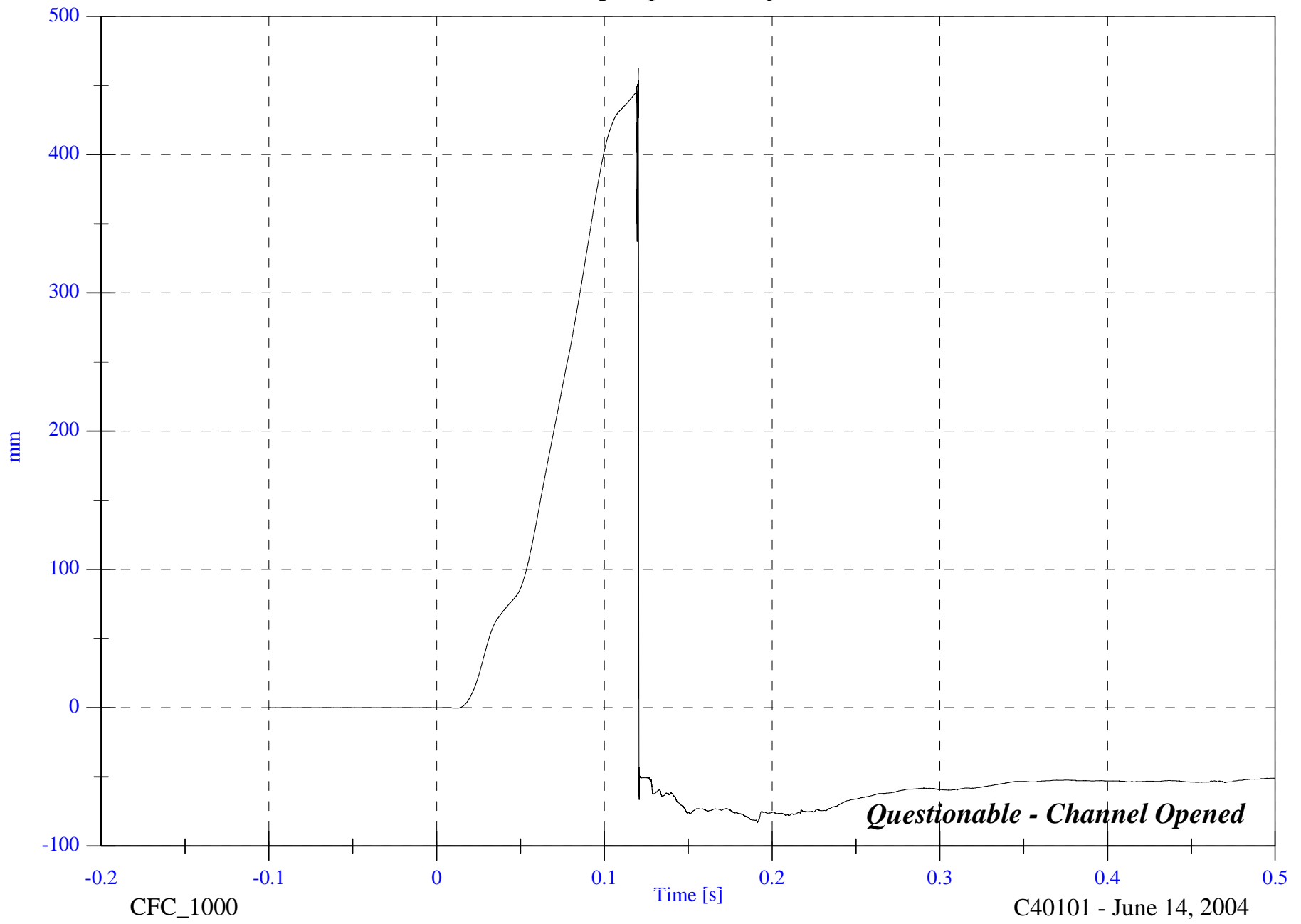
Max: 462.2 [mm] at 0.120 [s]

V2P1 Right Span Bar Displacement

Min: -83.1 [mm] at 0.191 [s]

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8655-F301-18R



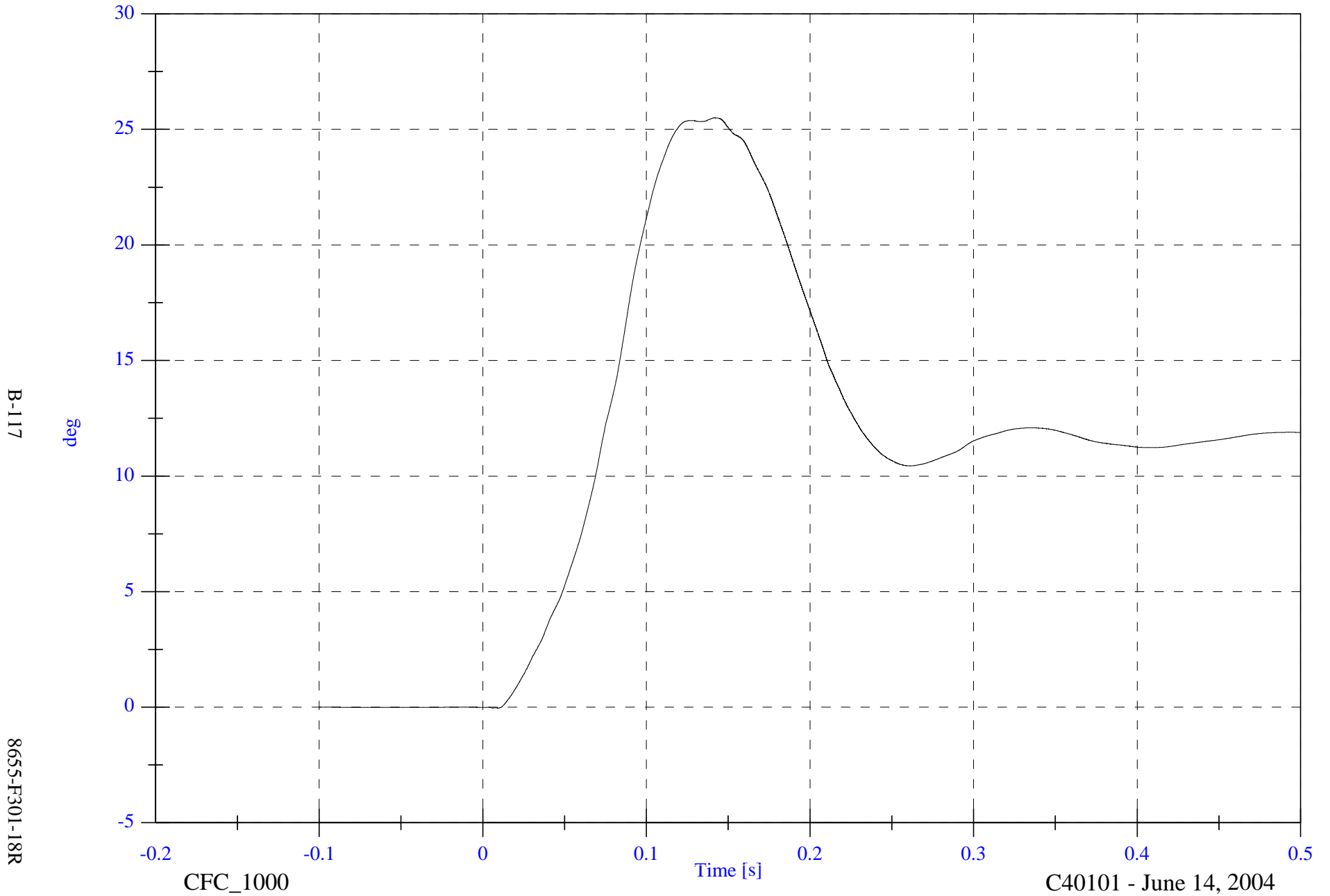
Questionable - Channel Opened

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

P1 Left Change in Seat Back Angle WRT Sill

Max: 25.5 [deg] at 0.142 [s]

Min: -0.0 [deg] at 0.009 [s]



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CFC_1000

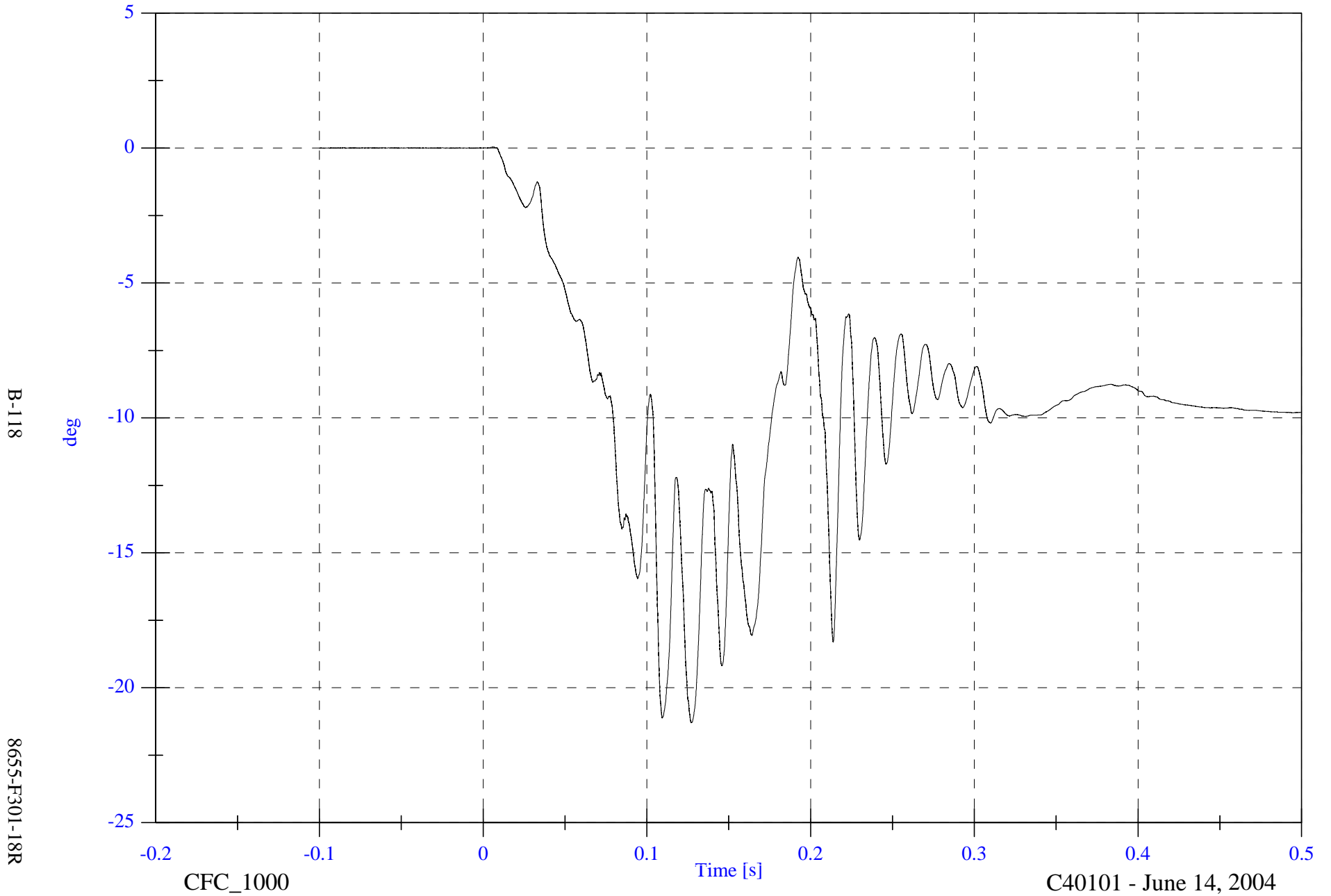
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

P1 Left Change in String Angle

Max: 0.0 [deg] at 0.006 [s]

Min: -21.3 [deg] at 0.127 [s]



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8655-F301-18R

CFC_1000

Time [s]

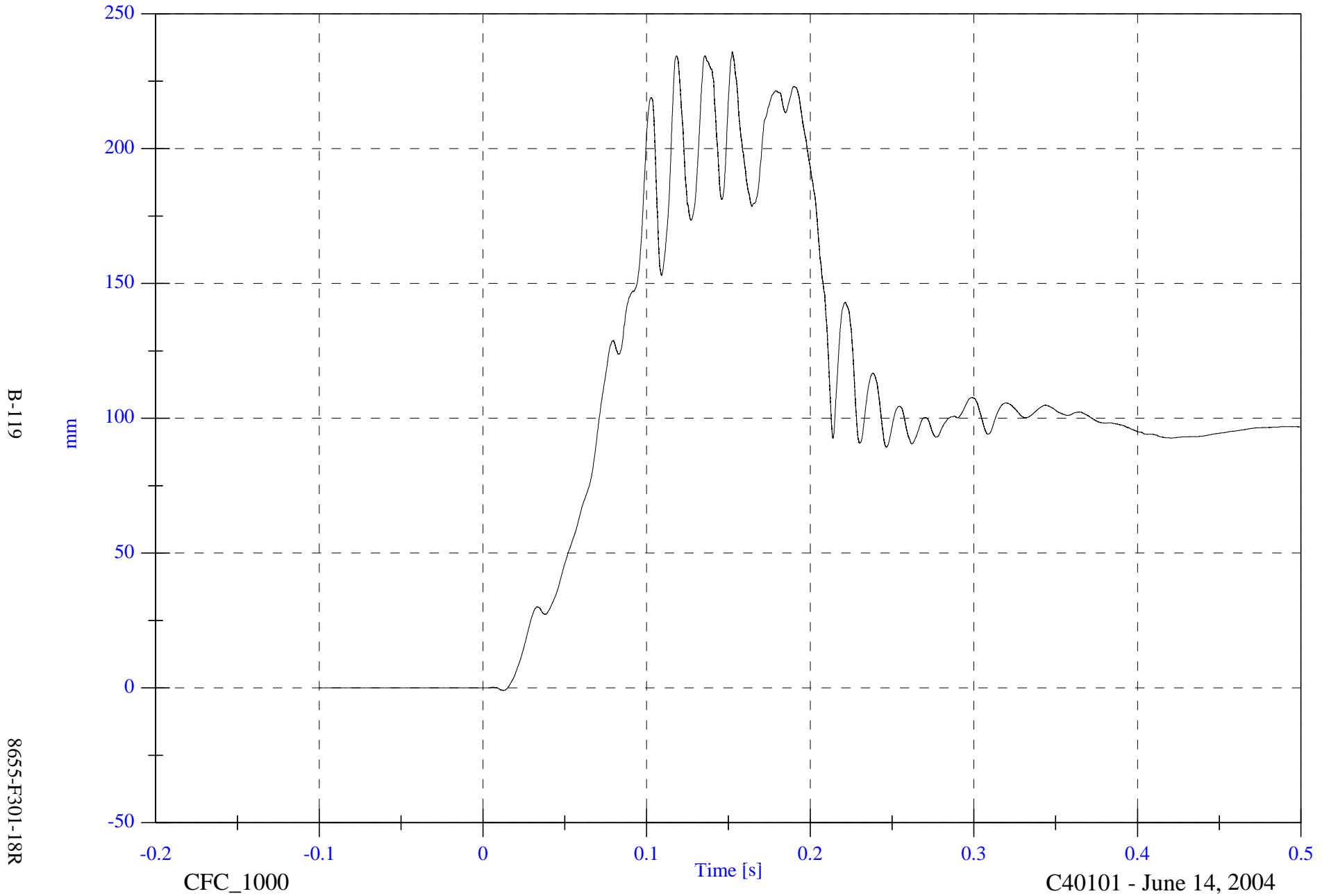
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

Max: 235.9 [mm] at 0.152 [s]

P1 Left Seat X Displacement

Min: -0.9 [mm] at 0.012 [s]



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CFC_1000

Time [s]

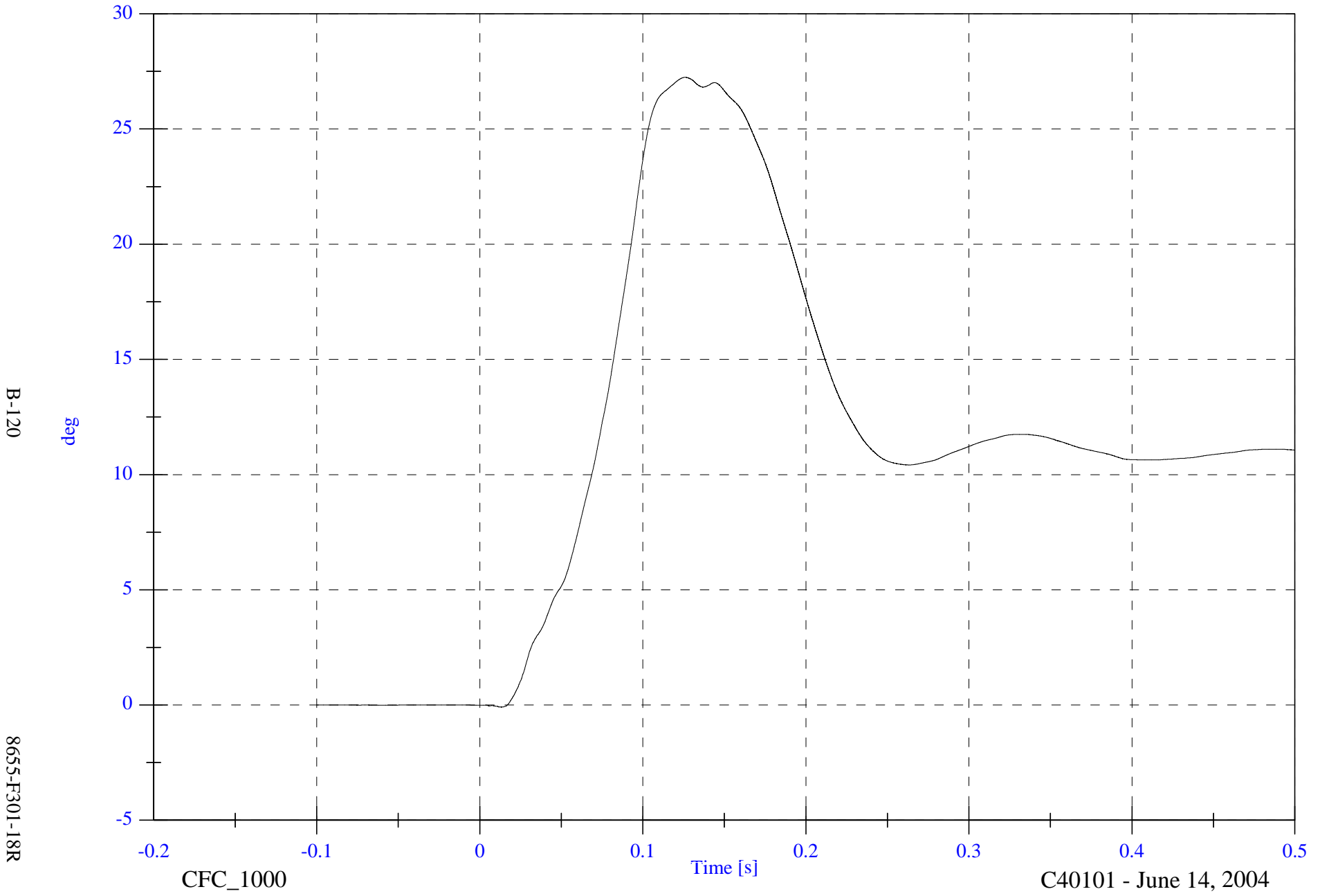
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

P1 Right Change in Seat Back Angle WRT Sill

Max: 27.2 [deg] at 0.126 [s]

Min: -0.1 [deg] at 0.013 [s]



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8655-F301-18R

CFC_1000

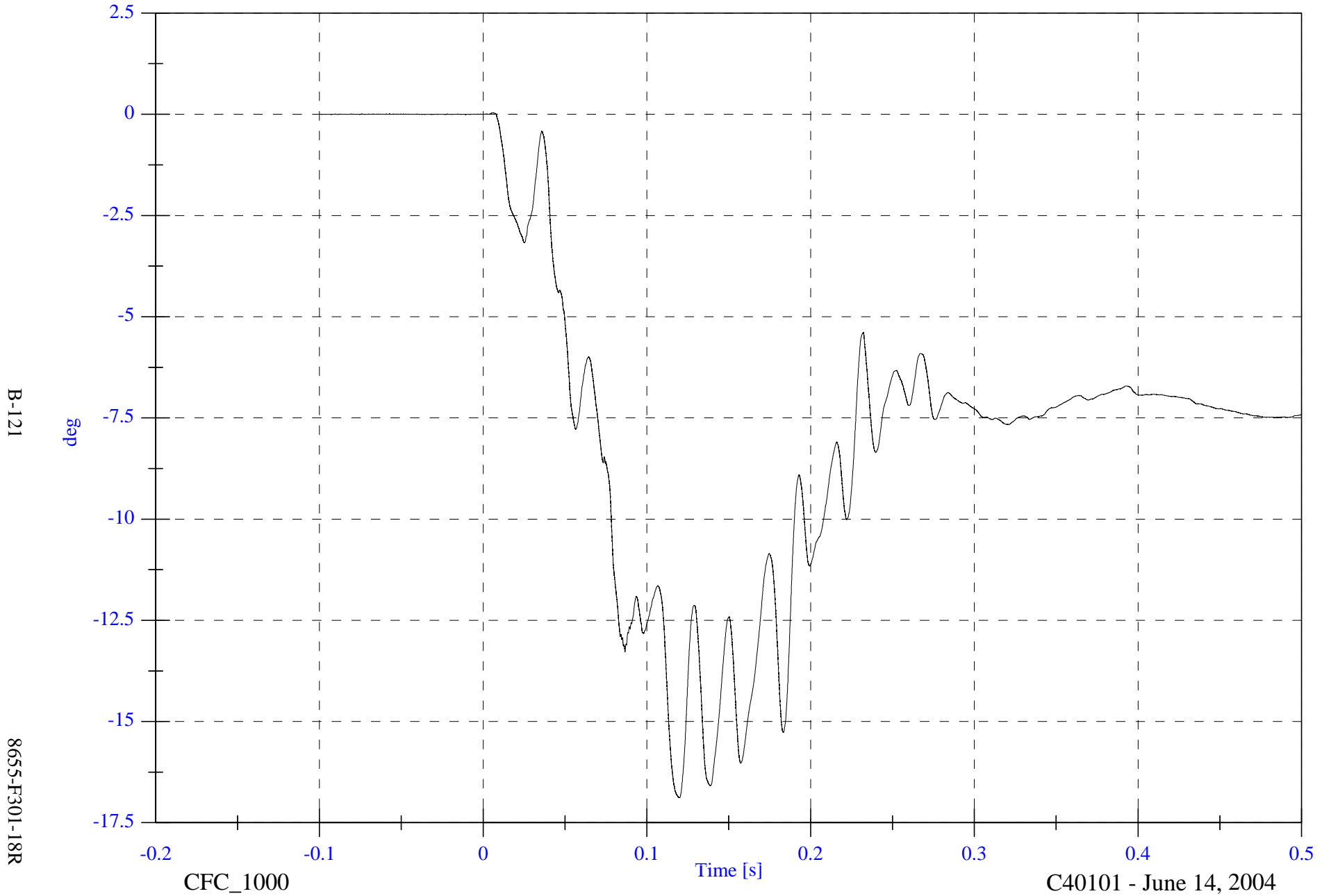
C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

P1 Right Change in String Angle

Max: 0.0 [deg] at 0.006 [s]

Min: -16.9 [deg] at 0.120 [s]



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CFC_1000

Time [s]

C40101 - June 14, 2004

2004 FMVSS 301 Test #1 - 2004 Pontiac Grand Prix

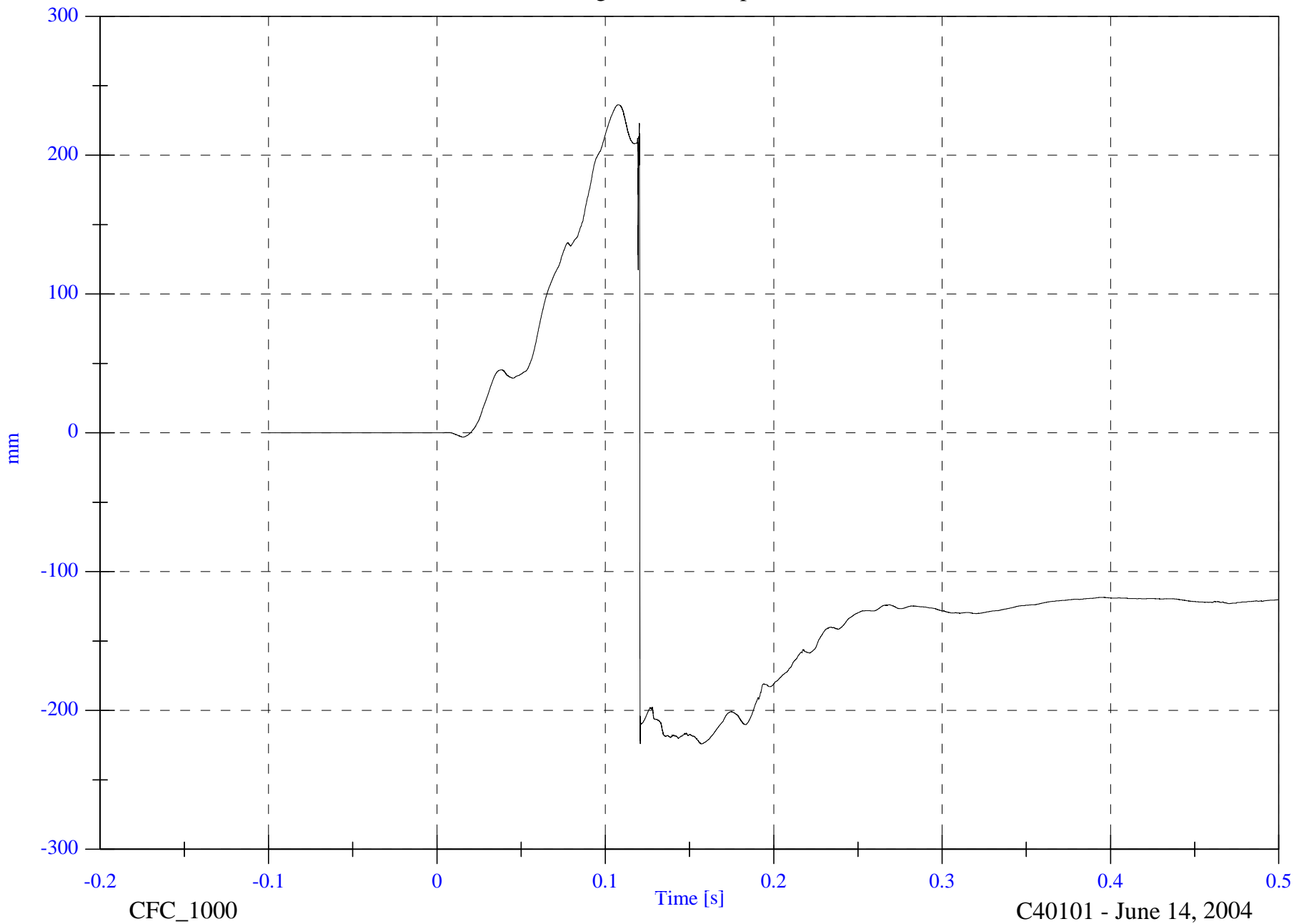
Max: 236.3 [mm] at 0.108 [s]

P1 Right Seat X Displacement

Min: -224.1 [mm] at 0.157 [s]

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8655-F301-18R



CFC_1000

Time [s]

C40101 - June 14, 2004