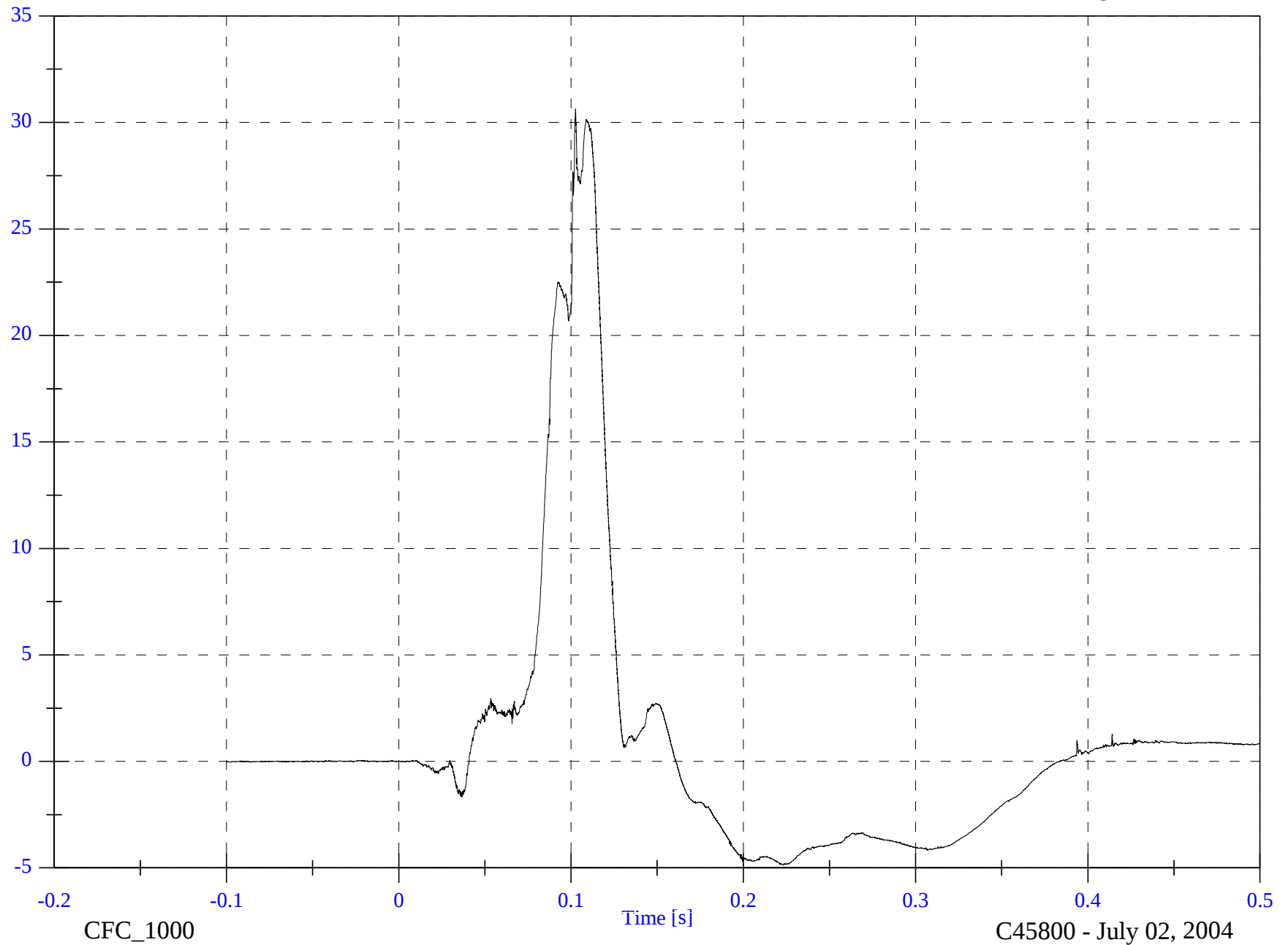


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head x

Max: 30.6 [g] at 0.103 [s]

Min: -4.9 [g] at 0.223 [s]



B-11

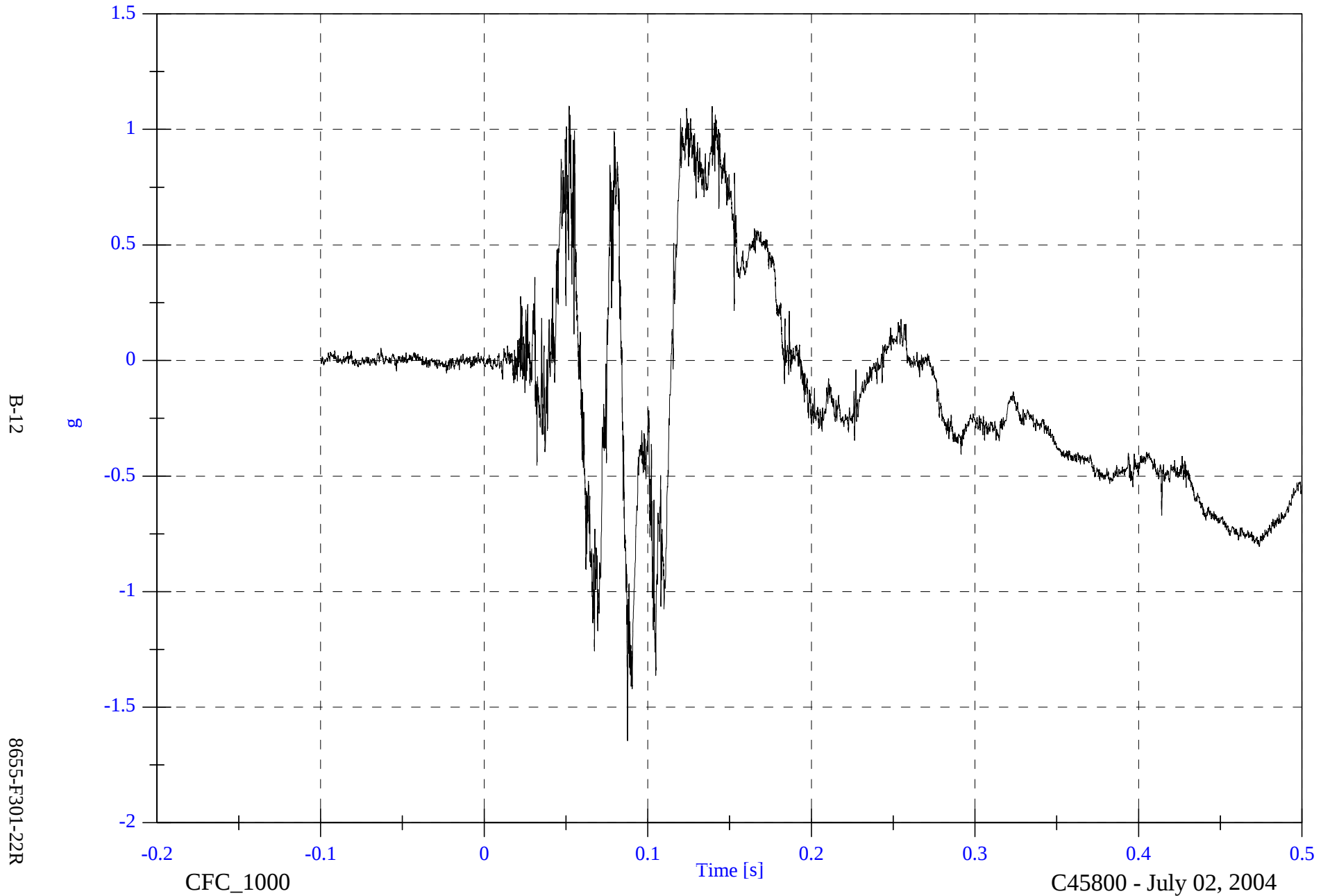
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head y

Max: 1.1 [g] at 0.052 [s]

Min: -1.6 [g] at 0.088 [s]

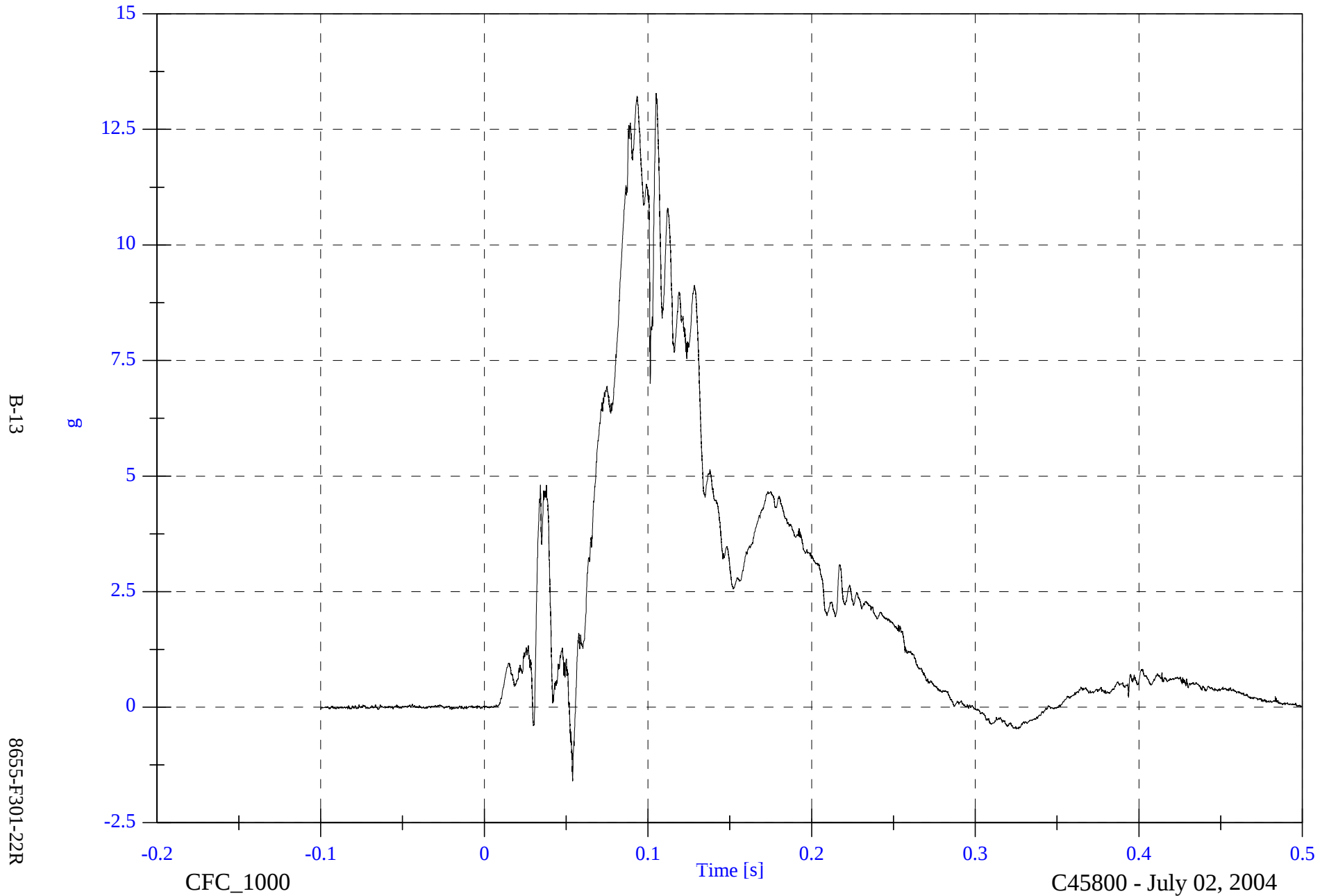


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head z

Max: 13.3 [g] at 0.105 [s]

Min: -1.6 [g] at 0.054 [s]

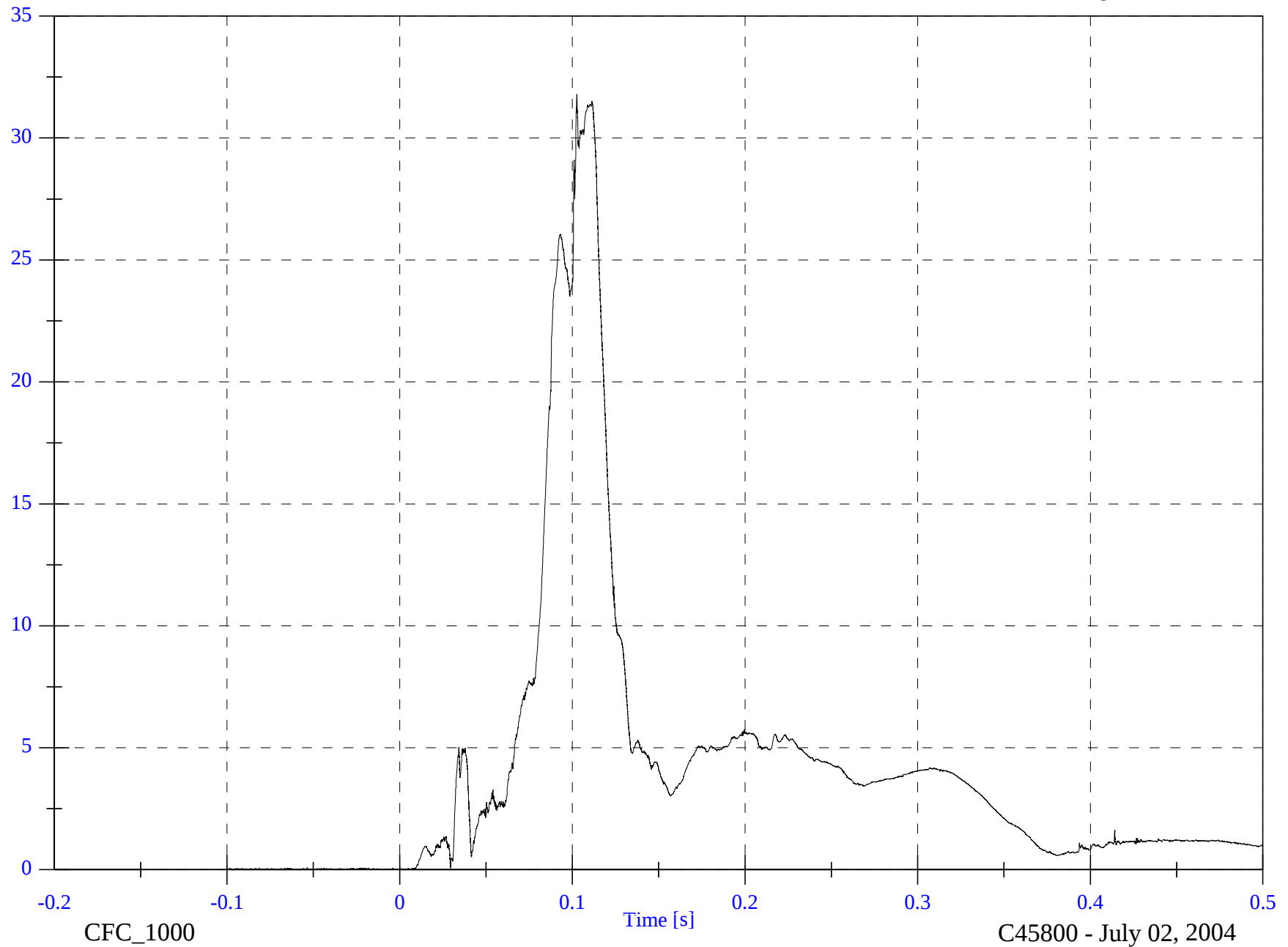


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head Resultant

Max: 31.8 [g] at 0.103 [s]

Min: 0.0 [g] at -0.036 [s]



B-14

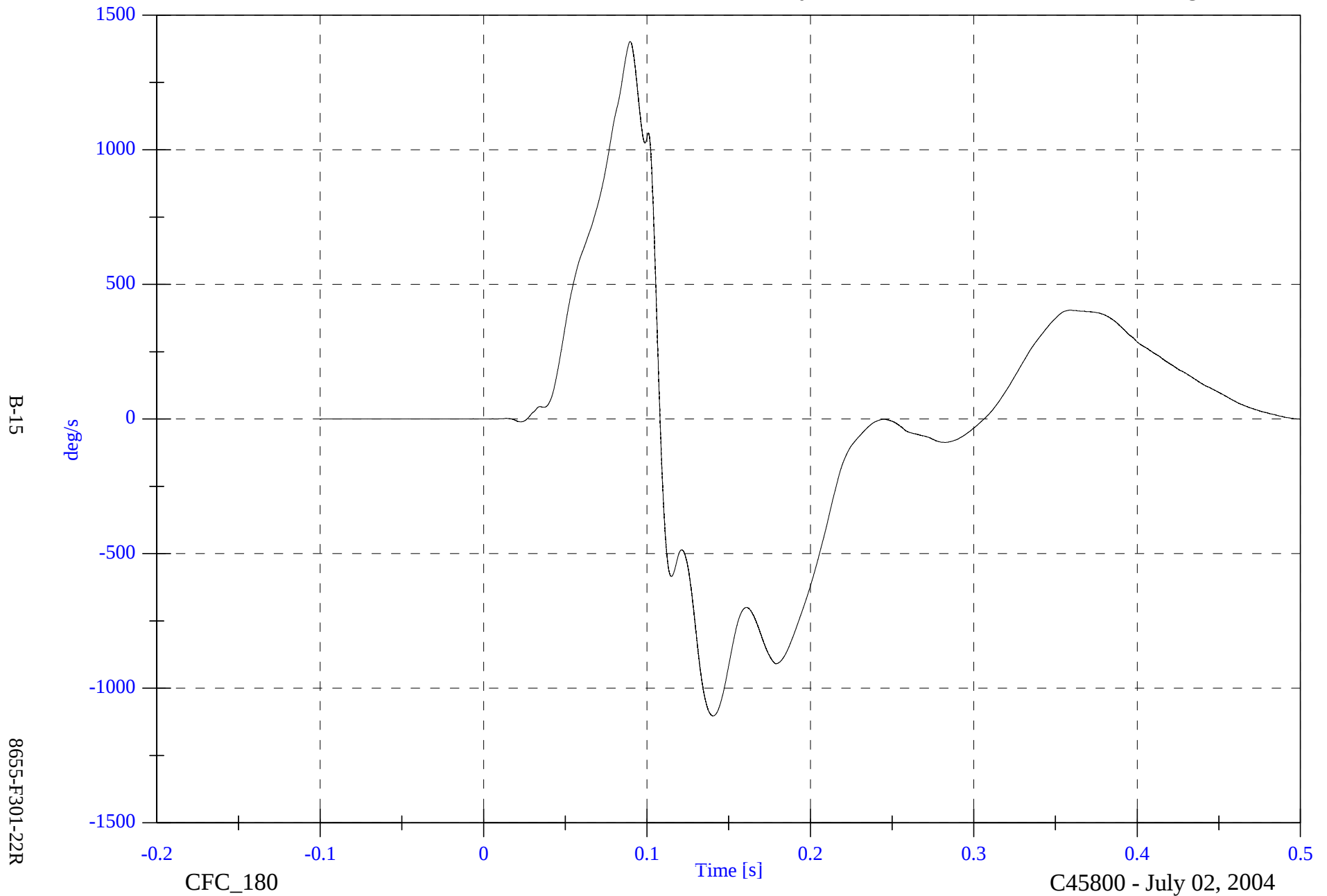
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head AVy

Max: 1402.2 [deg/s] at 0.090 [s]

Min: -1102.8 [deg/s] at 0.141 [s]

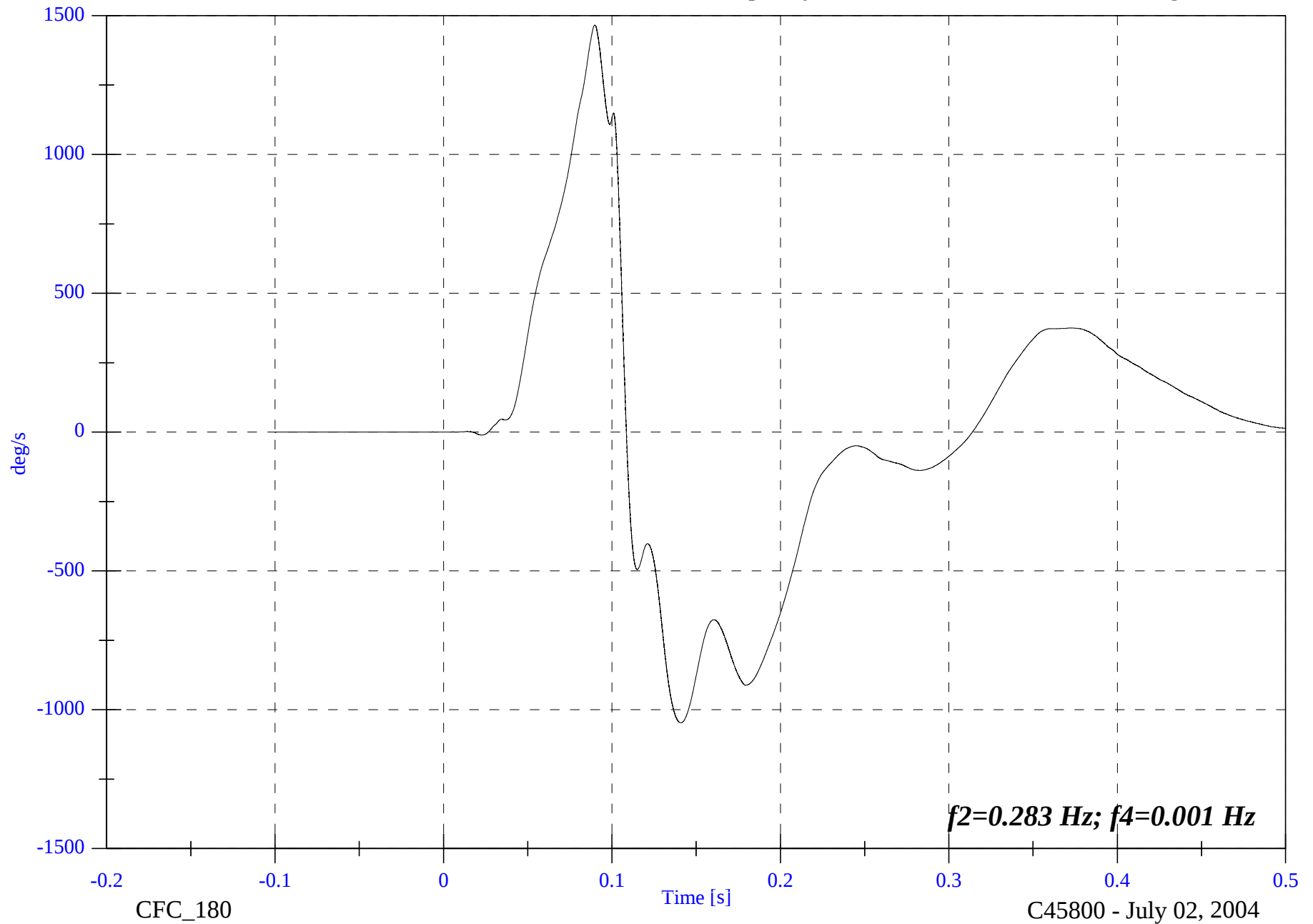


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head Comp AVy

Max: 1465.9 [deg/s] at 0.090 [s]

Min: -1047.1 [deg/s] at 0.141 [s]



B-16

8655-F301-22R

CFC_180

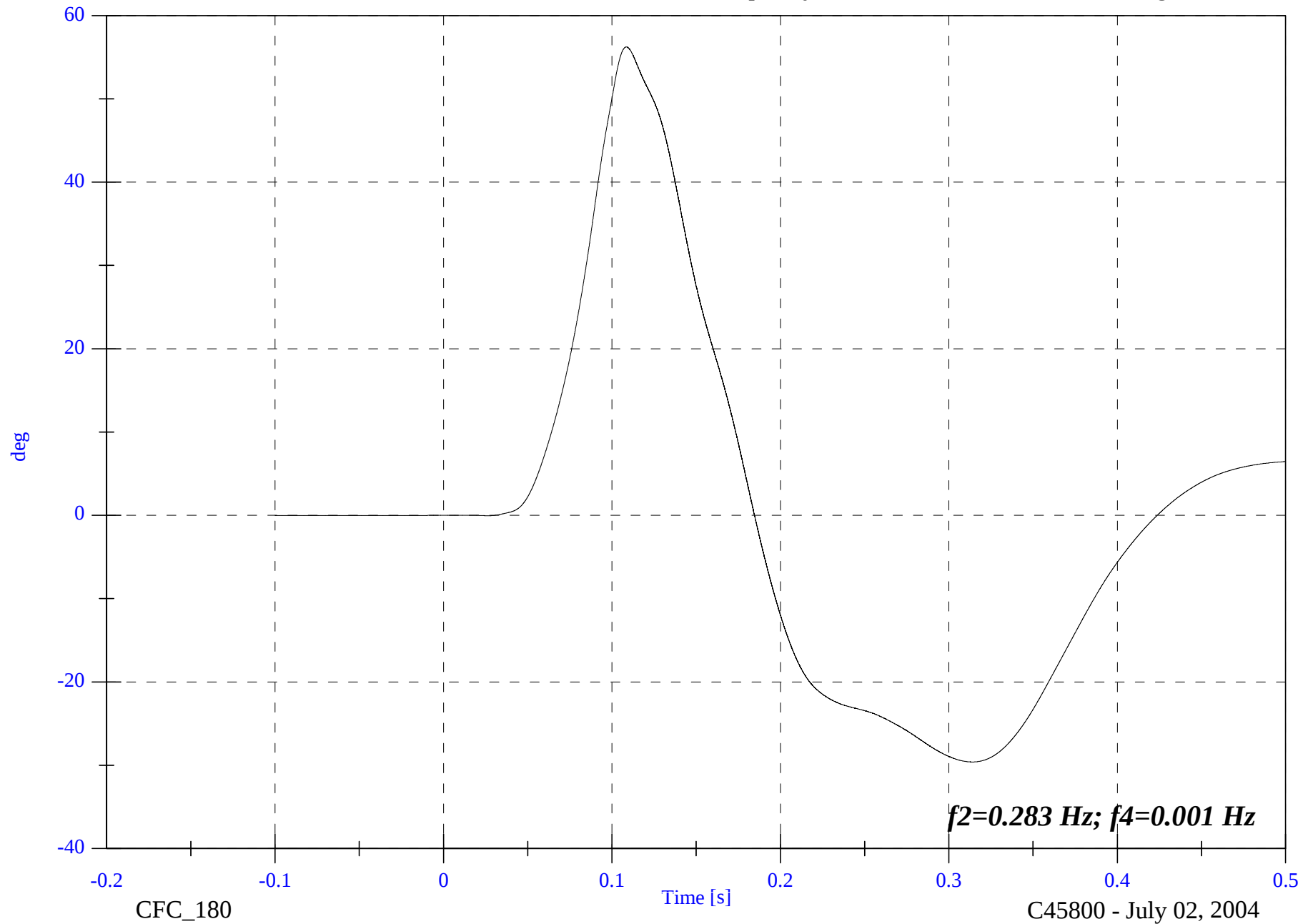
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head Comp ADy

Max: 56.2 [deg] at 0.109 [s]

Min: -29.6 [deg] at 0.314 [s]



B-17

8655-F301-22R

CFC_180

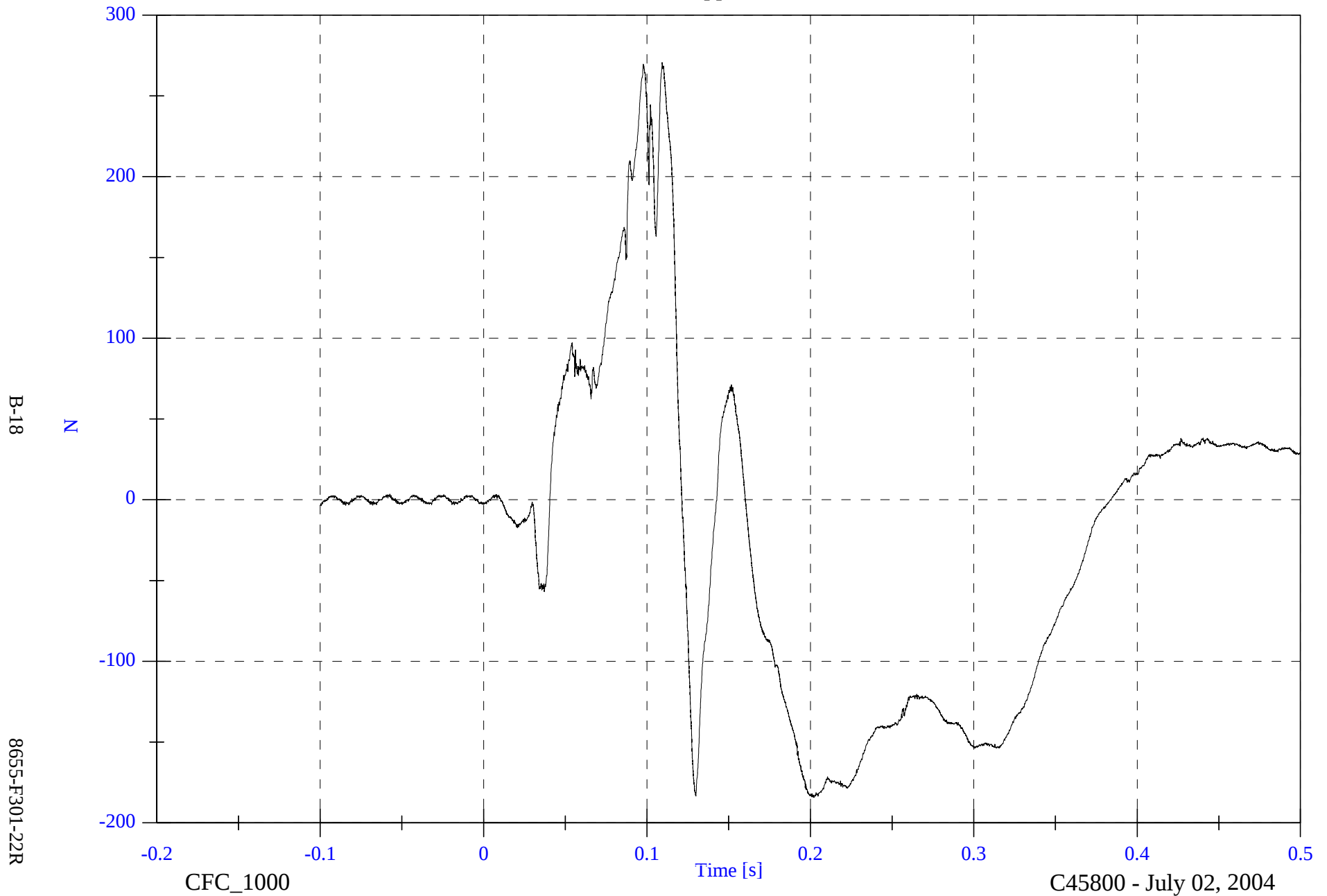
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck Fx

Max: 270.7 [N] at 0.109 [s]

Min: -184.2 [N] at 0.202 [s]

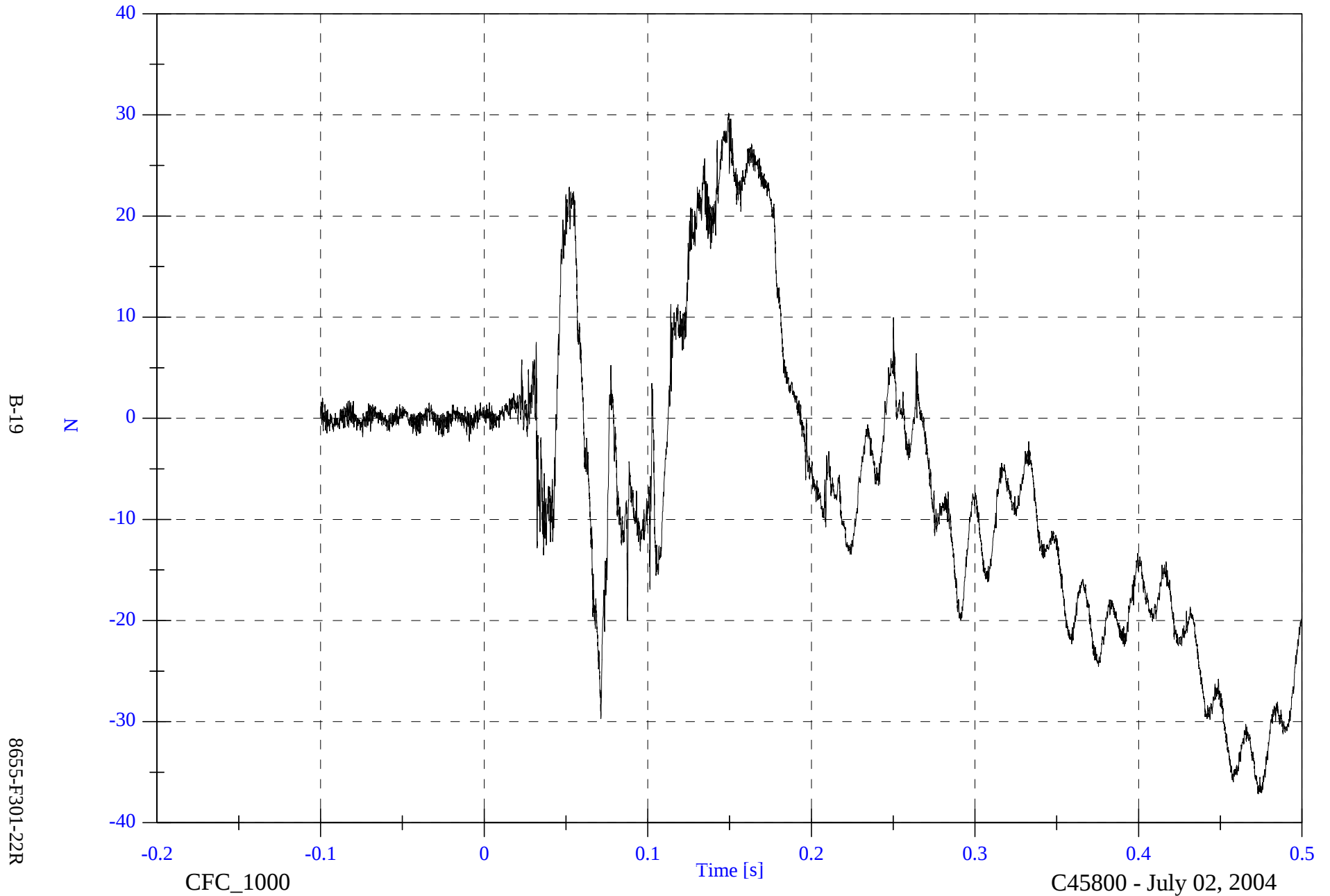


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck Fy

Max: 30.2 [N] at 0.150 [s]

Min: -37.2 [N] at 0.473 [s]

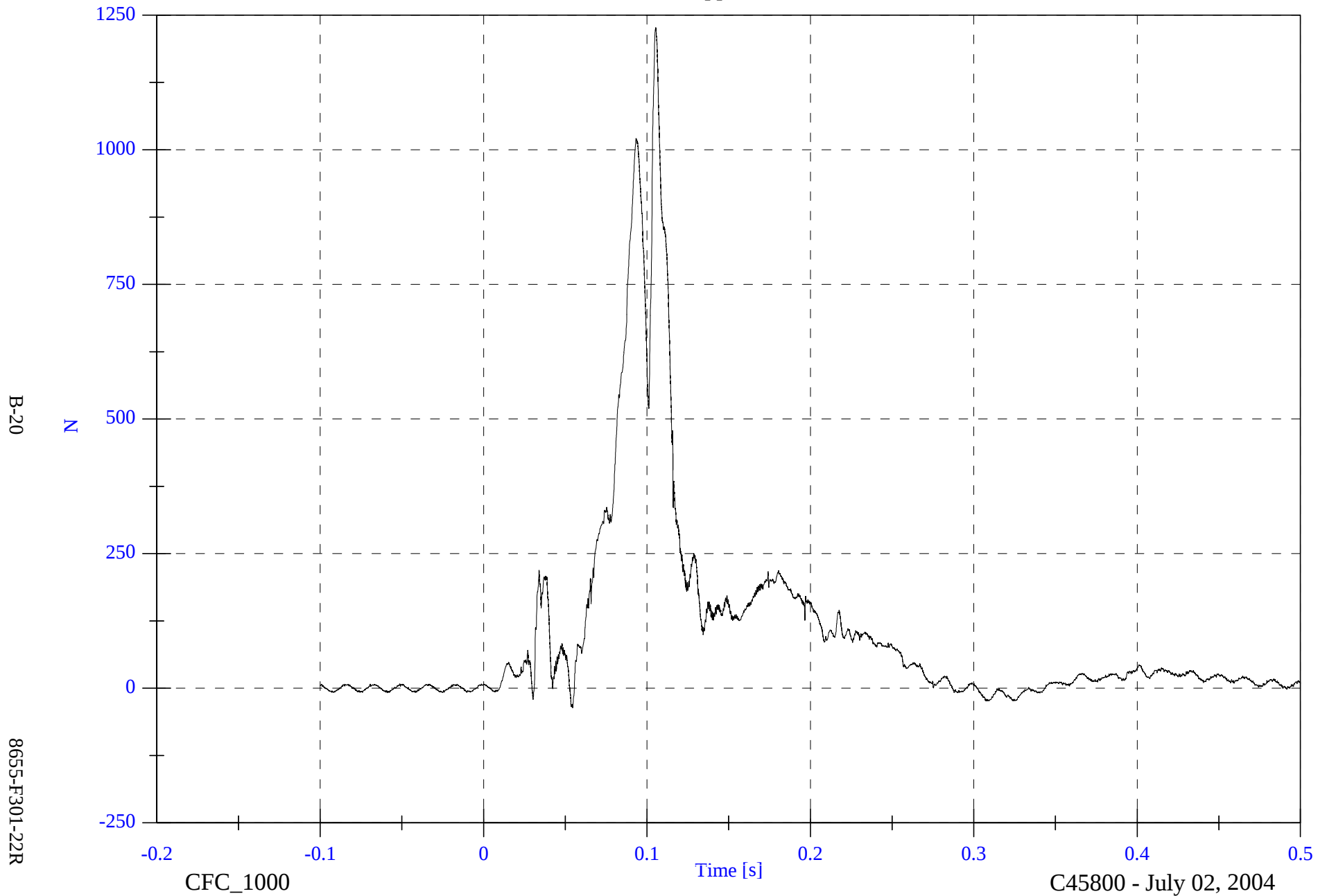


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck Fz

Max: 1226.8 [N] at 0.105 [s]

Min: -36.8 [N] at 0.055 [s]

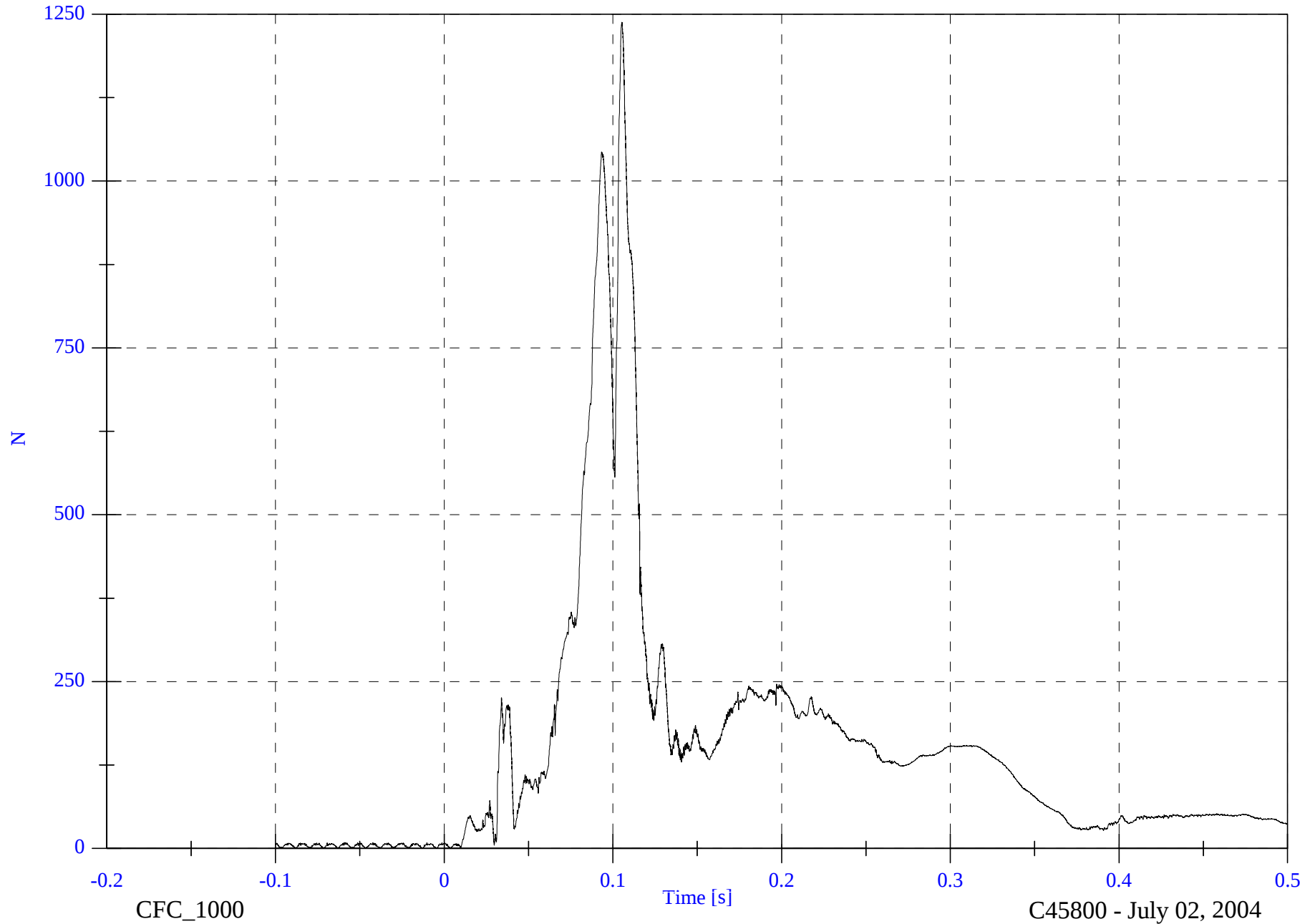


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck F Resultant

Max: 1238.0 [N] at 0.105 [s]

Min: 0.1 [N] at 0.004 [s]



B-21

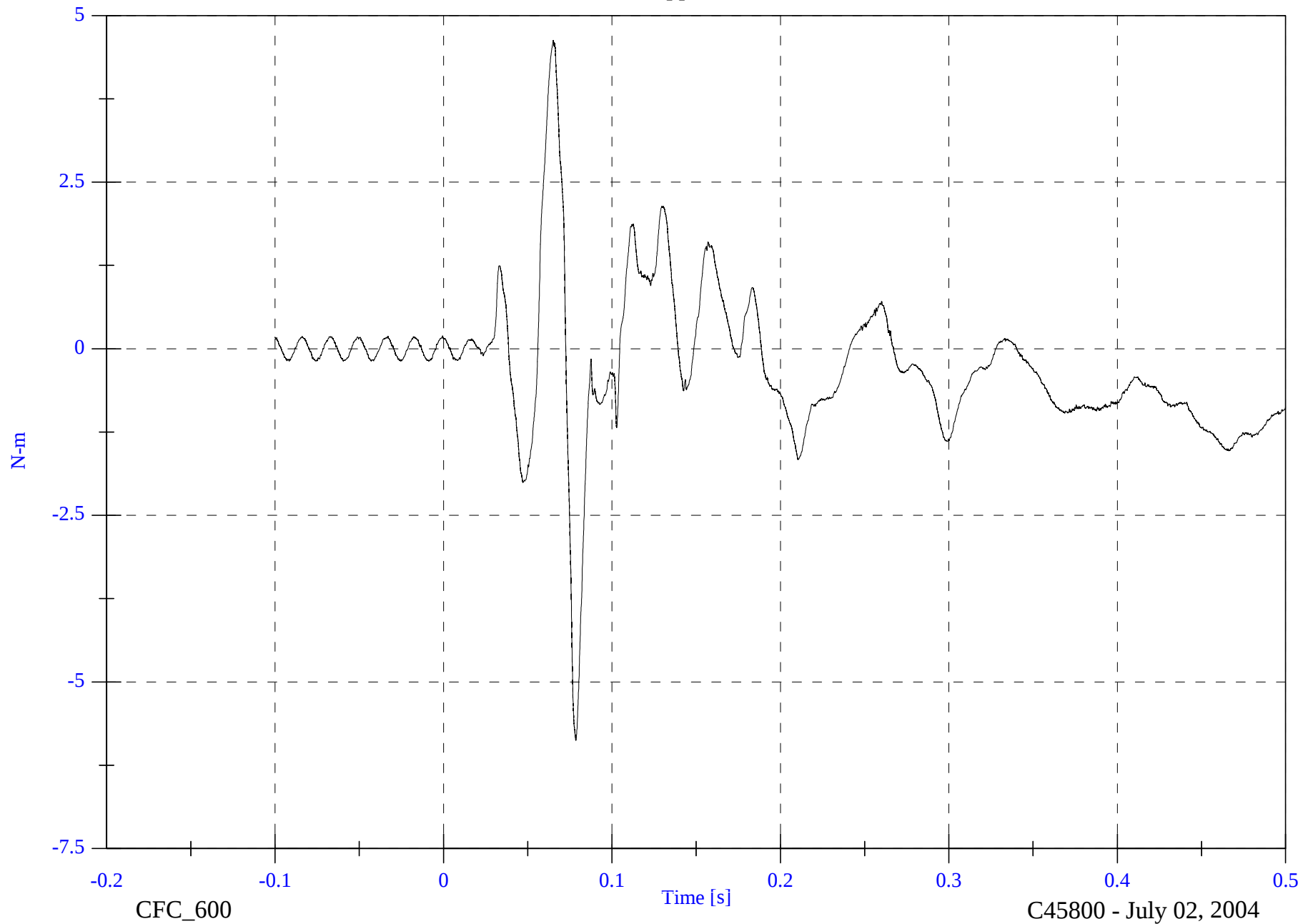
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck Mx

Max: 4.6 [N-m] at 0.065 [s]

Min: -5.9 [N-m] at 0.079 [s]



B-22

8655-F301-22R

CFC_600

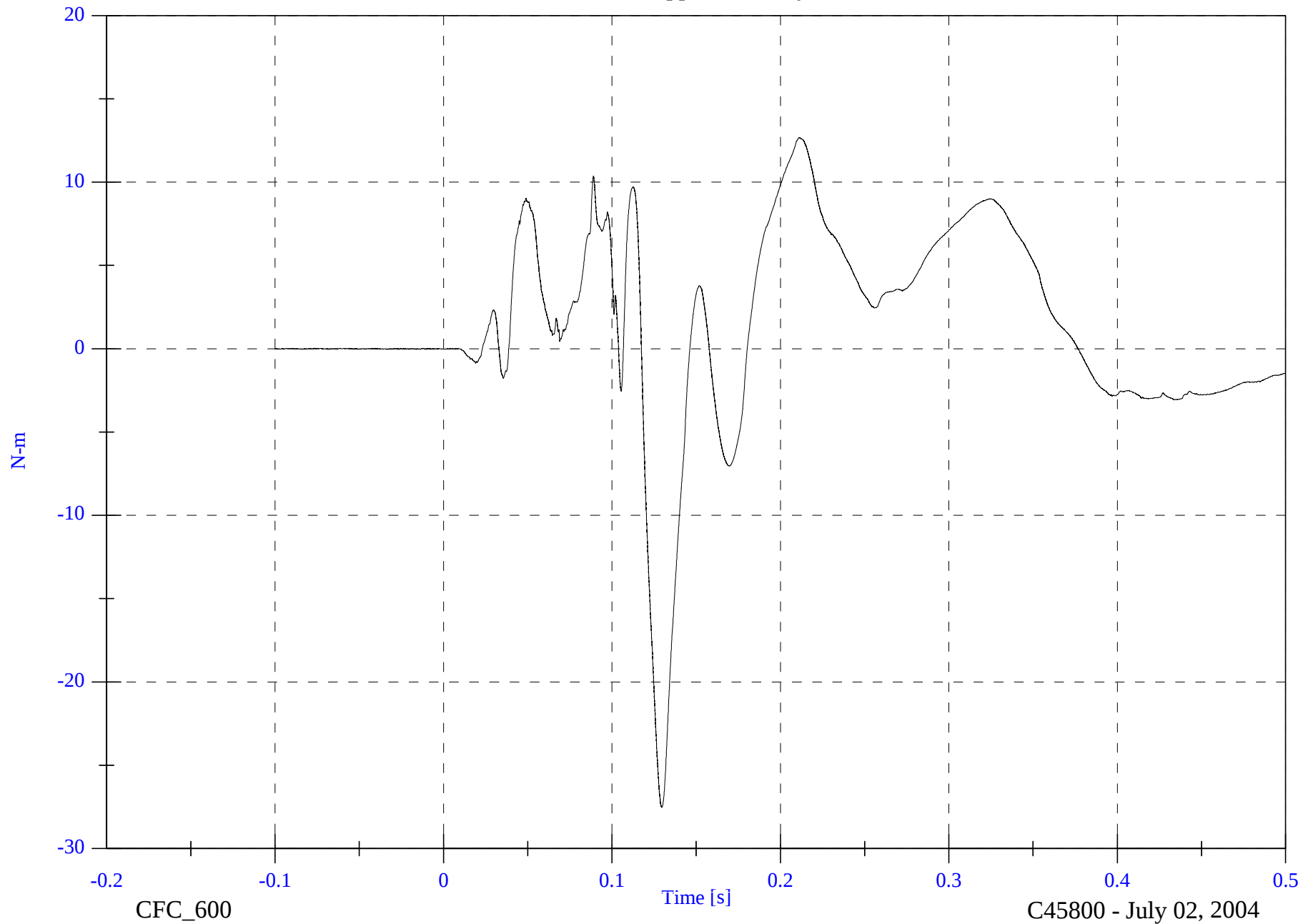
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck My

Max: 12.7 [N-m] at 0.211 [s]

Min: -27.5 [N-m] at 0.130 [s]



B-23

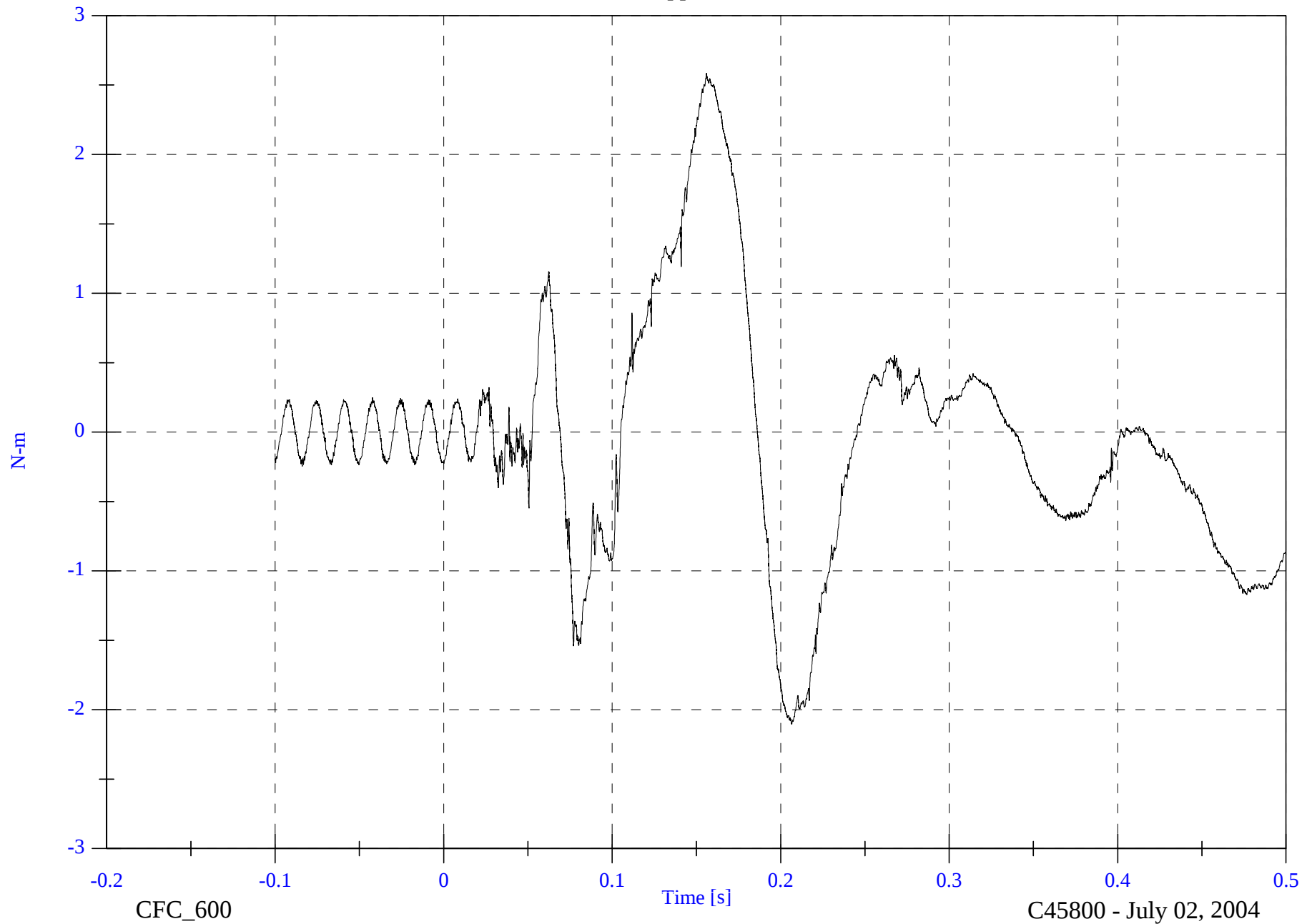
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck Mz

Max: 2.6 [N-m] at 0.156 [s]

Min: -2.1 [N-m] at 0.207 [s]



B-24

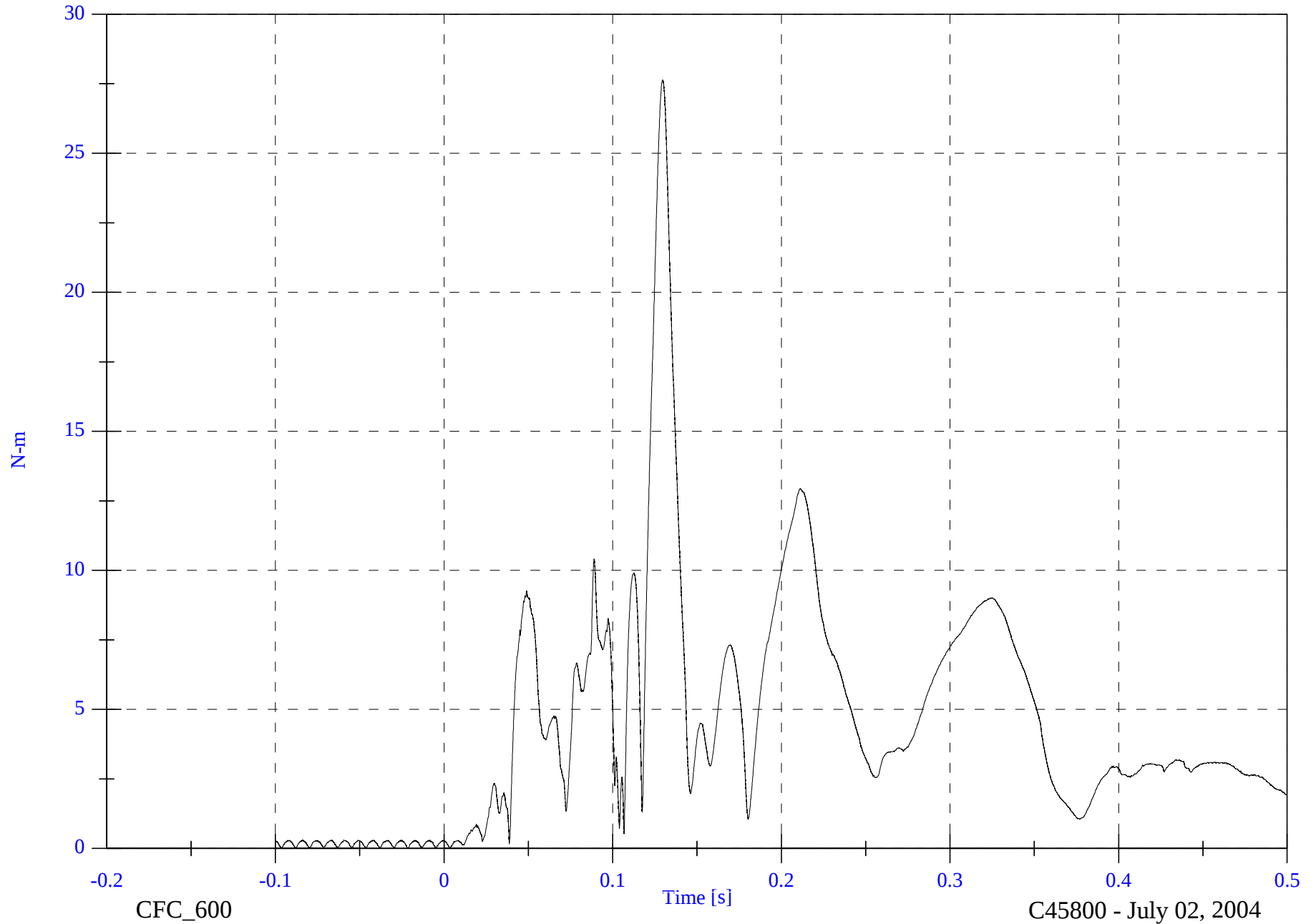
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Upper Neck M Resultant

Max: 27.6 [N-m] at 0.130 [s]

Min: 0.0 [N-m] at -0.046 [s]

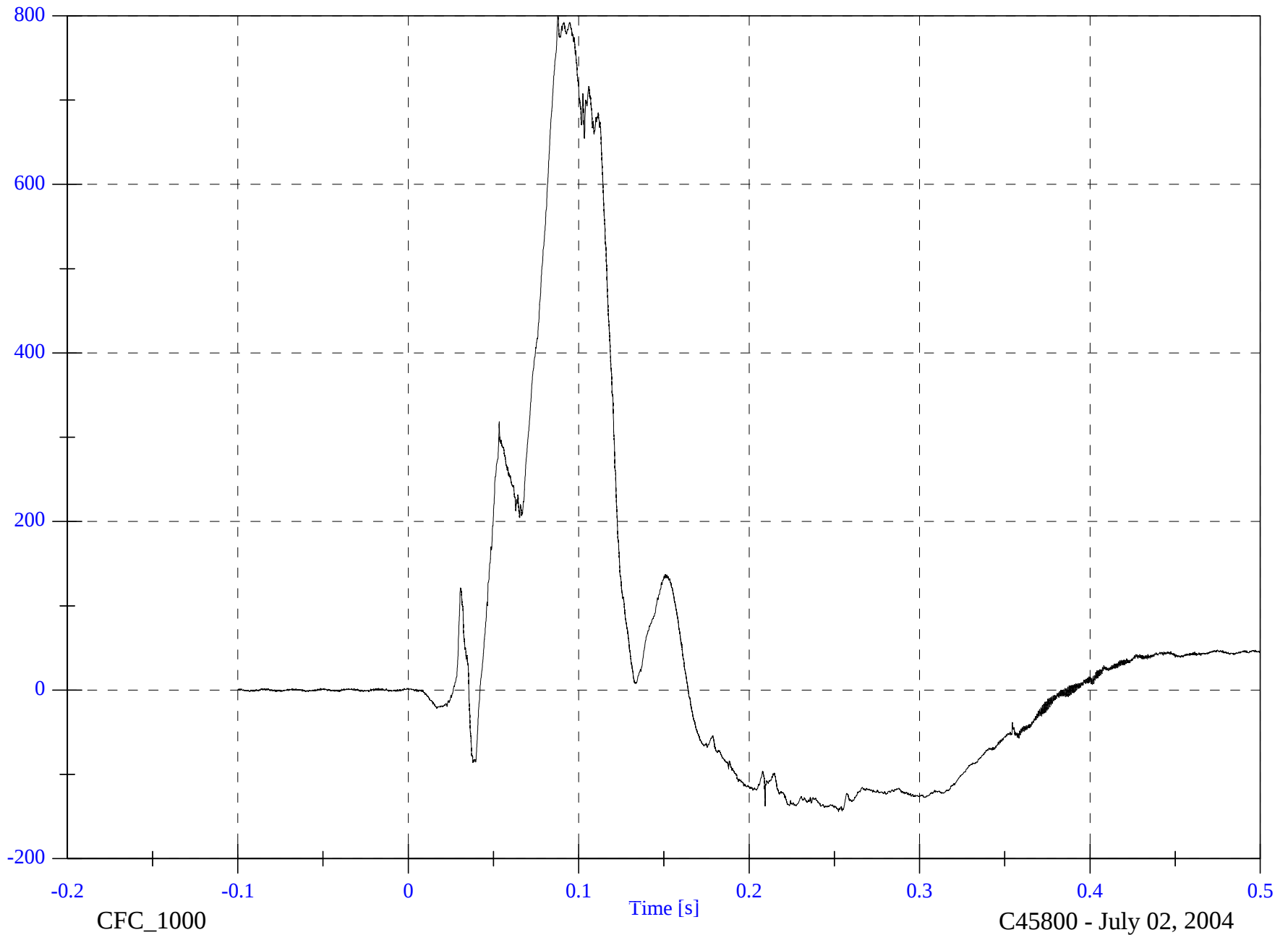


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck Fx

Max: 799.9 [N] at 0.088 [s]

Min: -144.1 [N] at 0.252 [s]



B-26

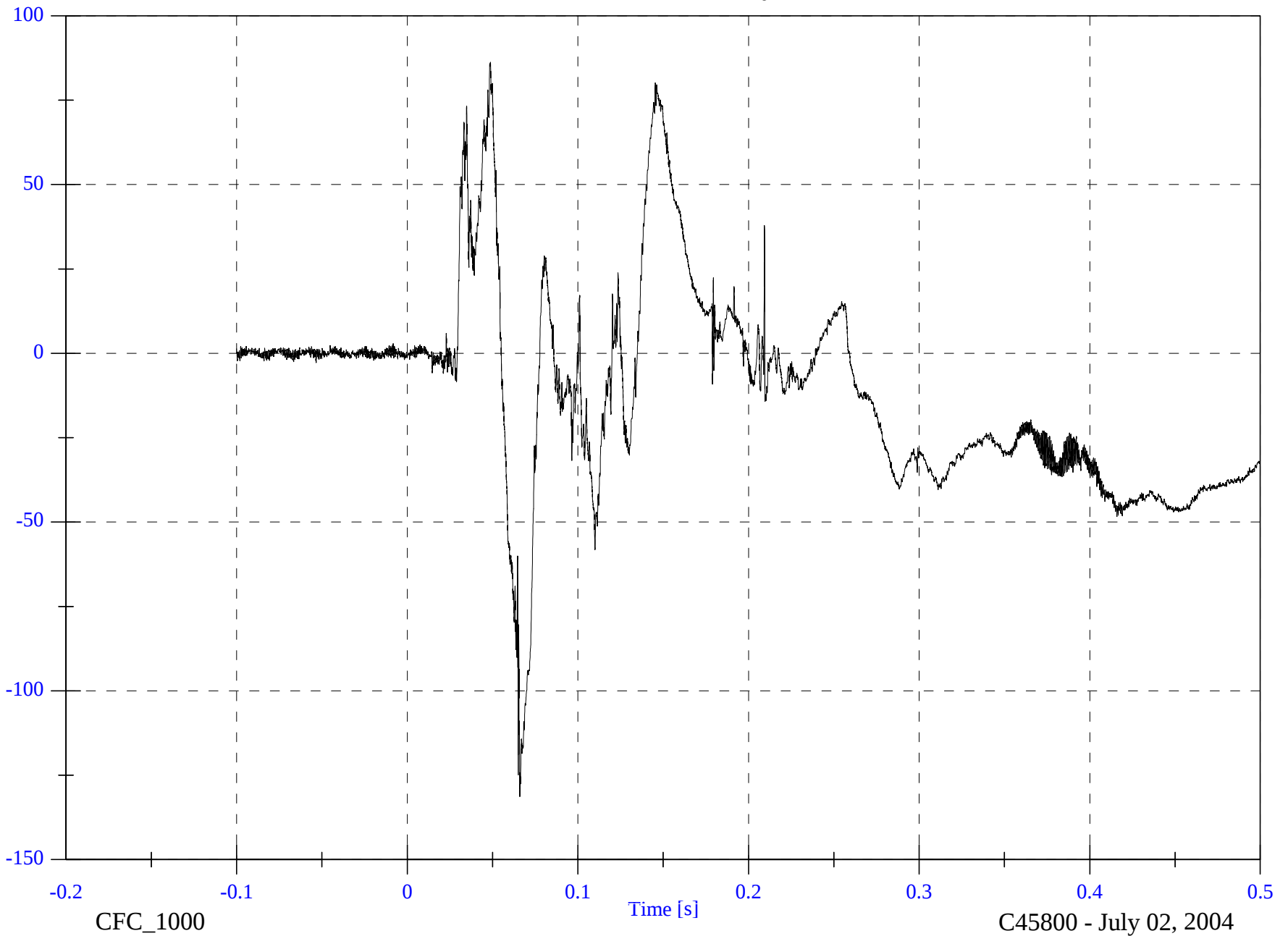
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck Fy

Max: 86.3 [N] at 0.049 [s]

Min: -131.3 [N] at 0.066 [s]



B-27

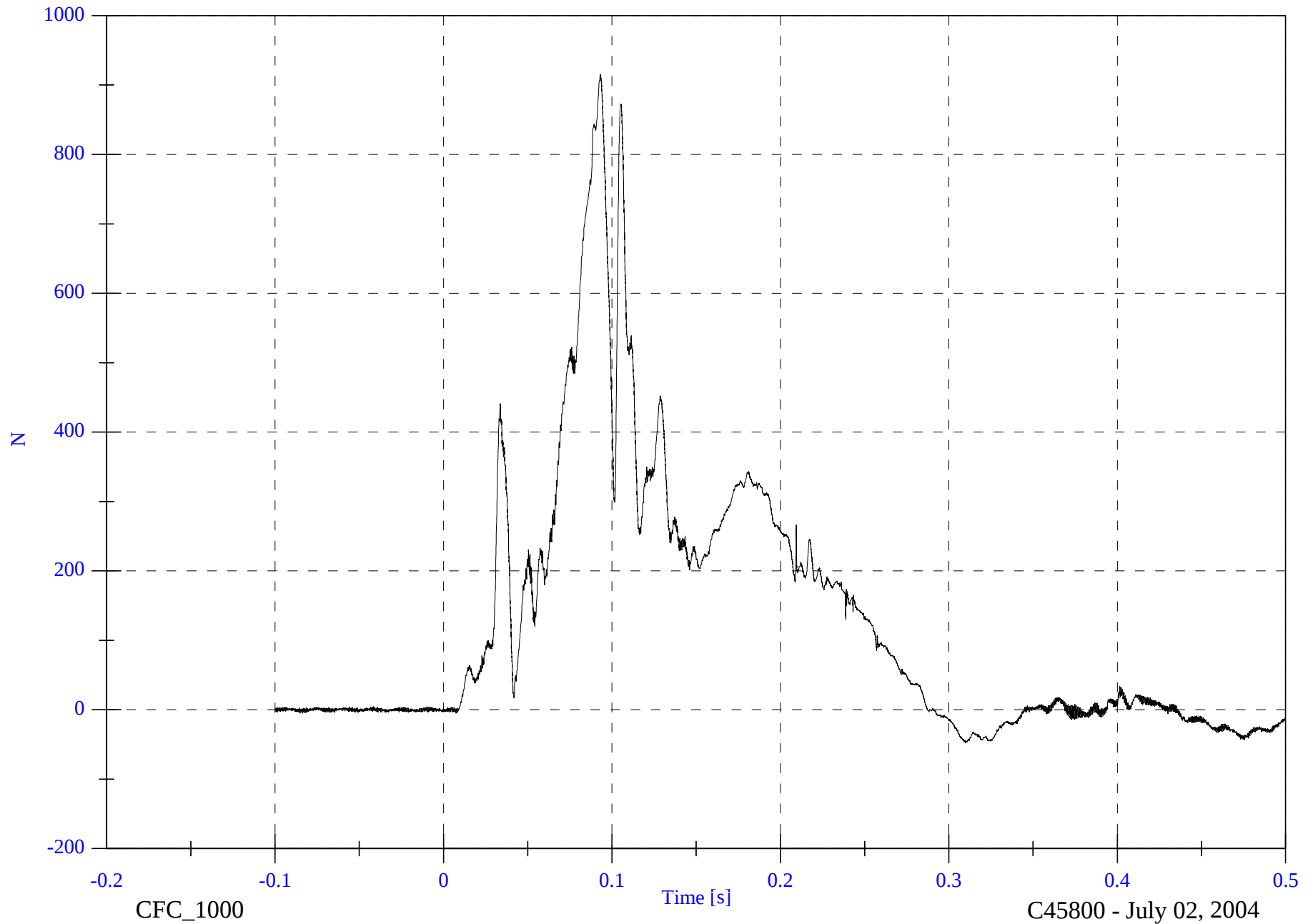
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck Fz

Max: 915.3 [N] at 0.093 [s]

Min: -47.9 [N] at 0.310 [s]



B-28

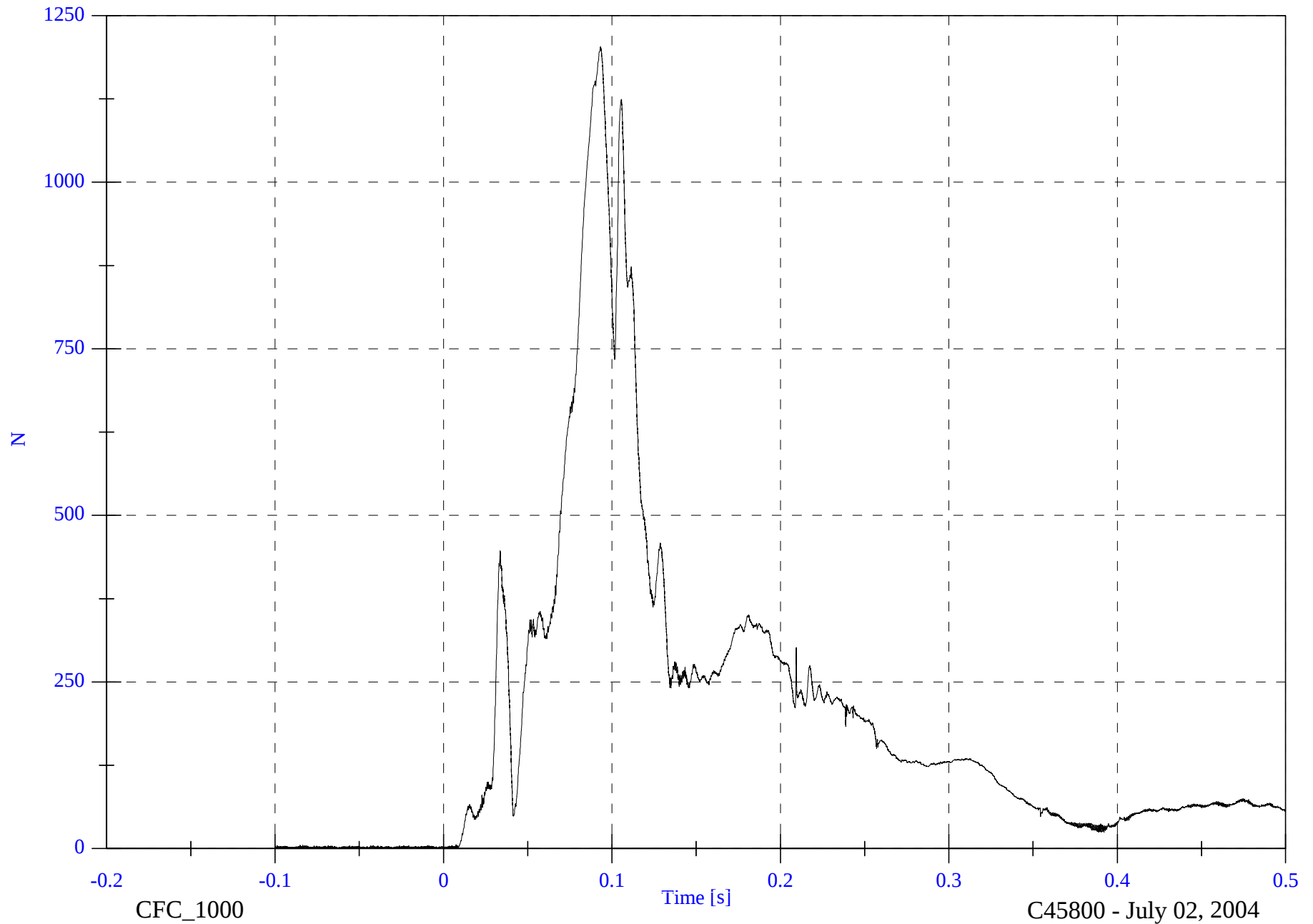
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck F Resultant

Max: 1202.9 [N] at 0.093 [s]

Min: 0.1 [N] at -0.088 [s]



B-29

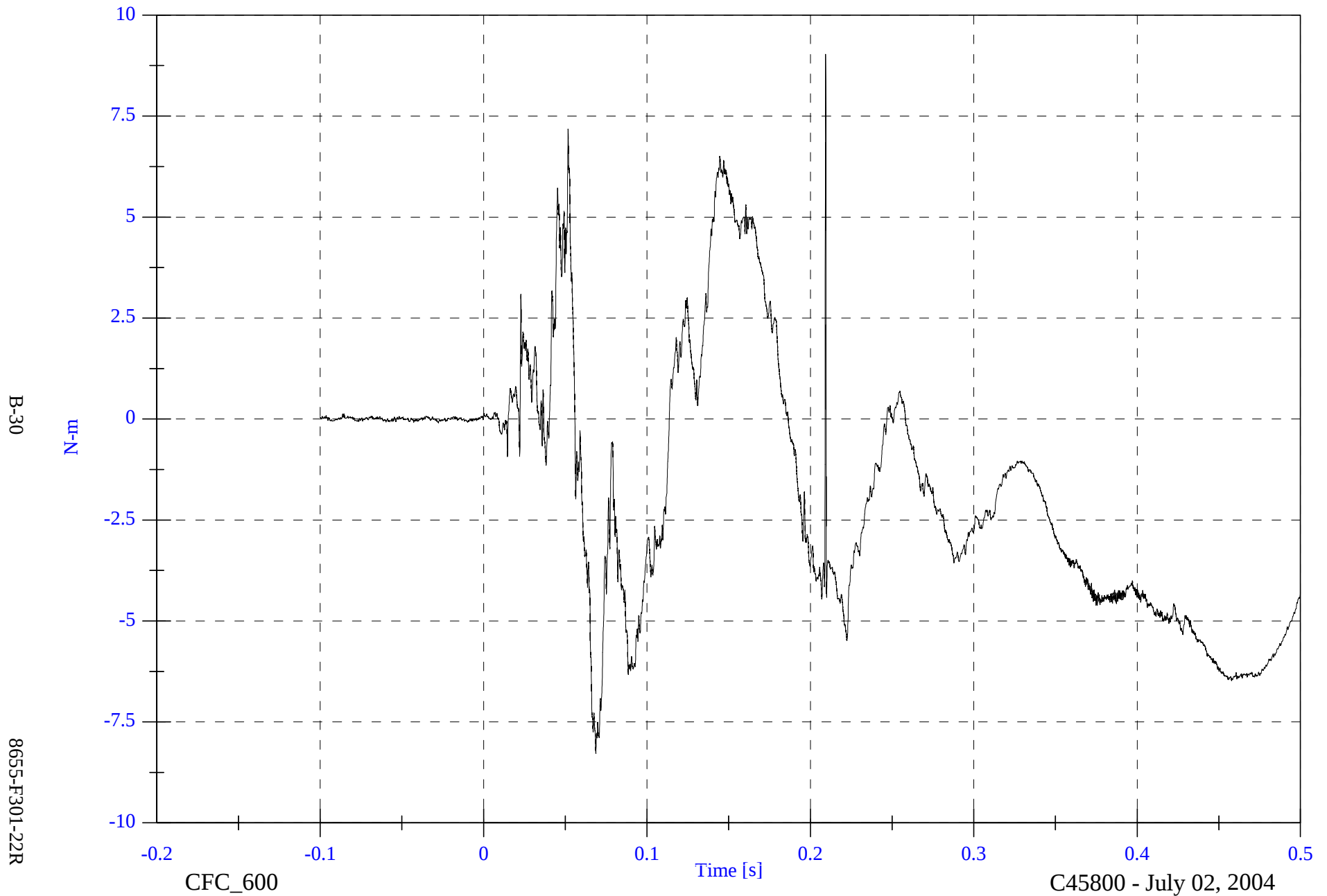
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck Mx

Max: 9.0 [N-m] at 0.209 [s]

Min: -8.3 [N-m] at 0.069 [s]

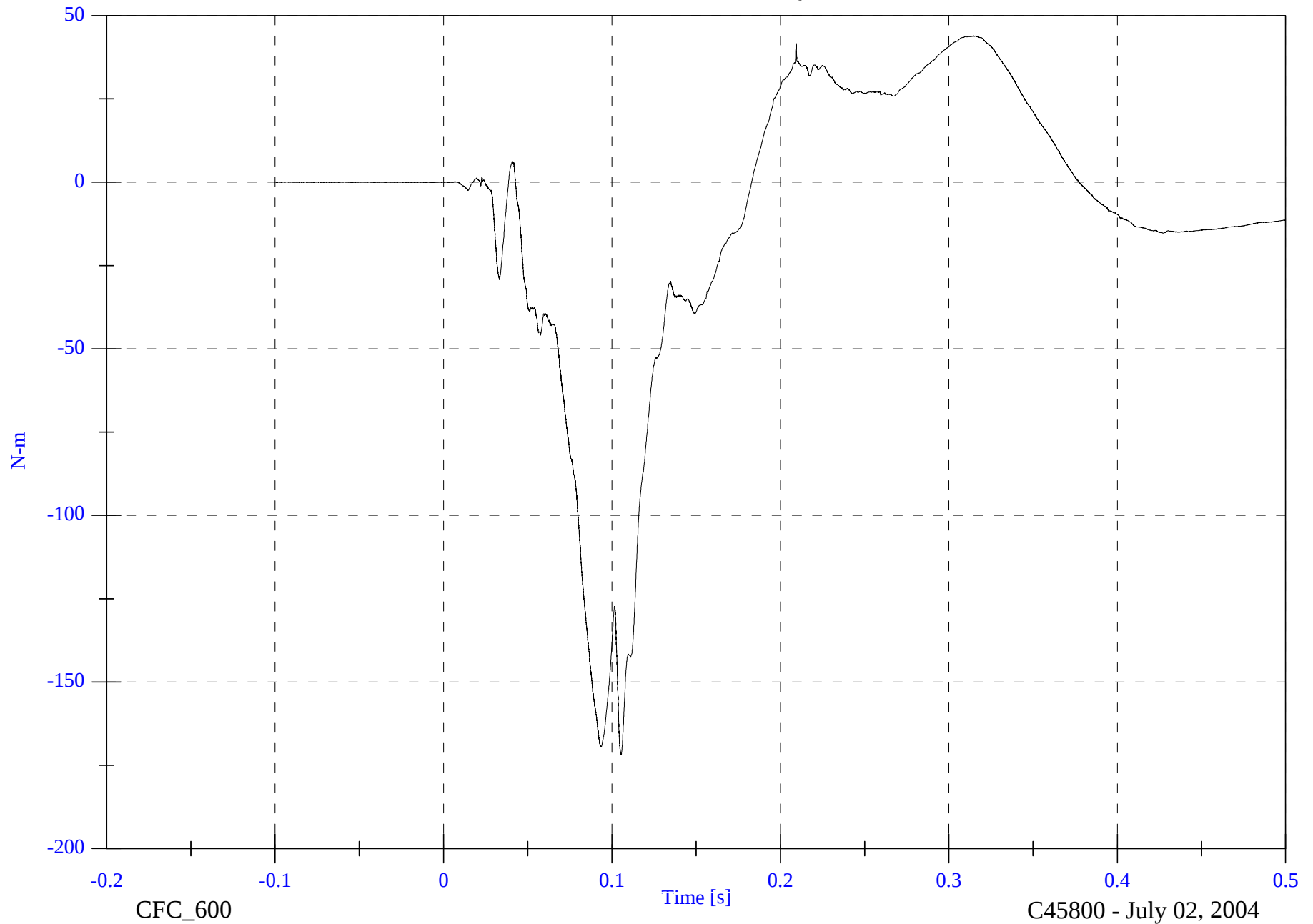


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck My

Max: 44.0 [N-m] at 0.315 [s]

Min: -171.8 [N-m] at 0.105 [s]

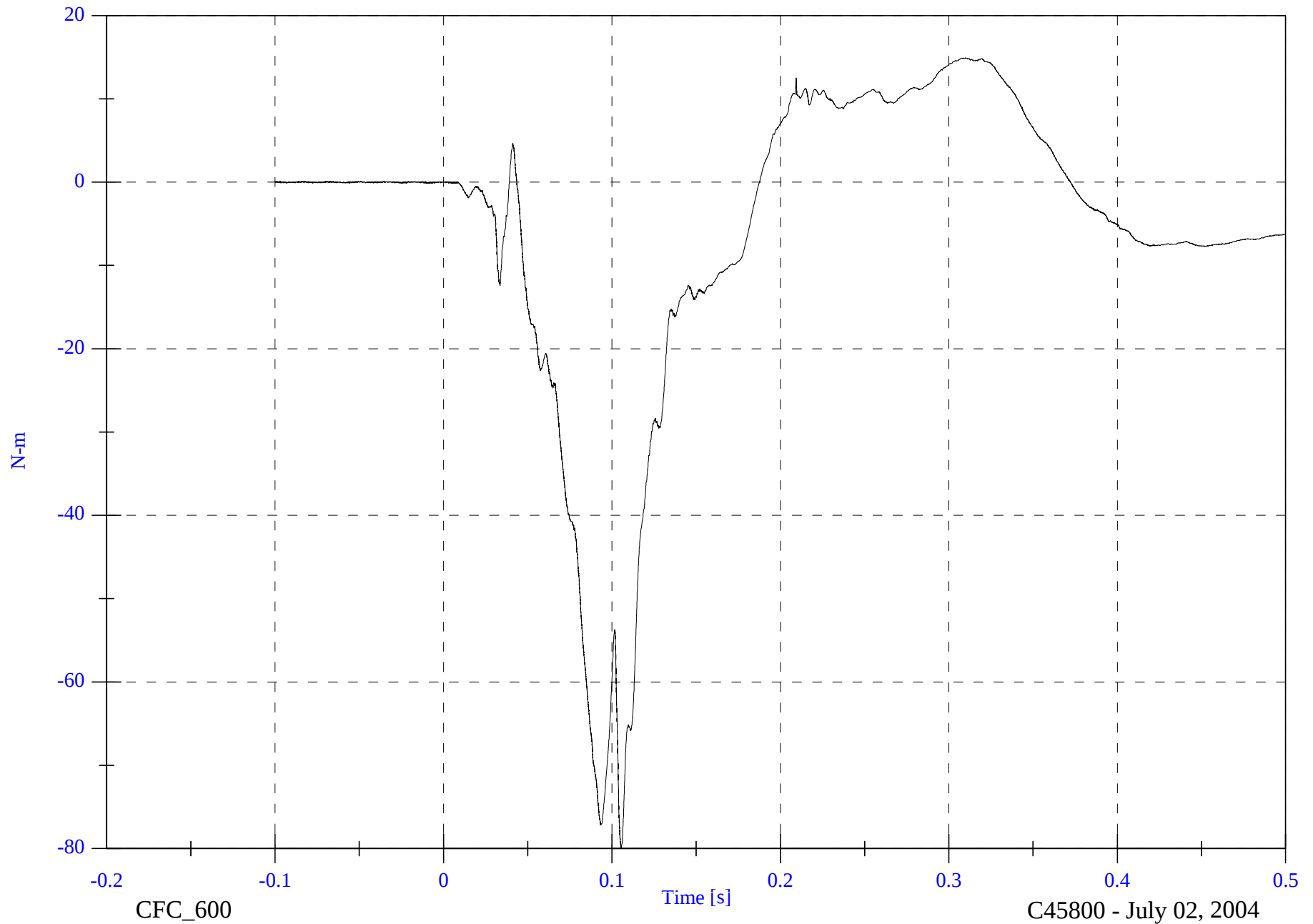


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck Mz

Max: 14.9 [N-m] at 0.310 [s]

Min: -80.0 [N-m] at 0.105 [s]



B-32

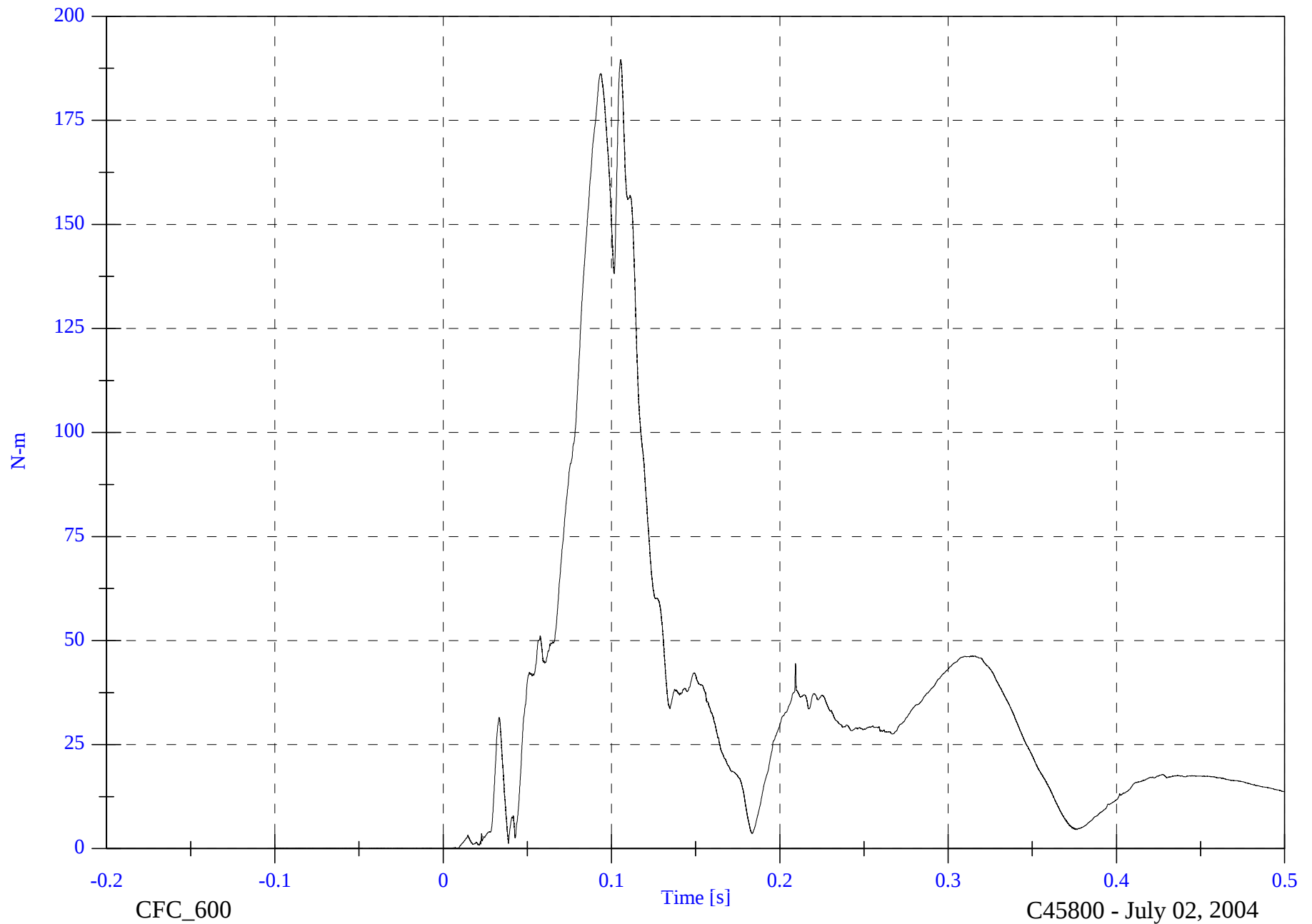
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck M Resultant

Max: 189.5 [N-m] at 0.105 [s]

Min: 0.0 [N-m] at -0.089 [s]



B-33

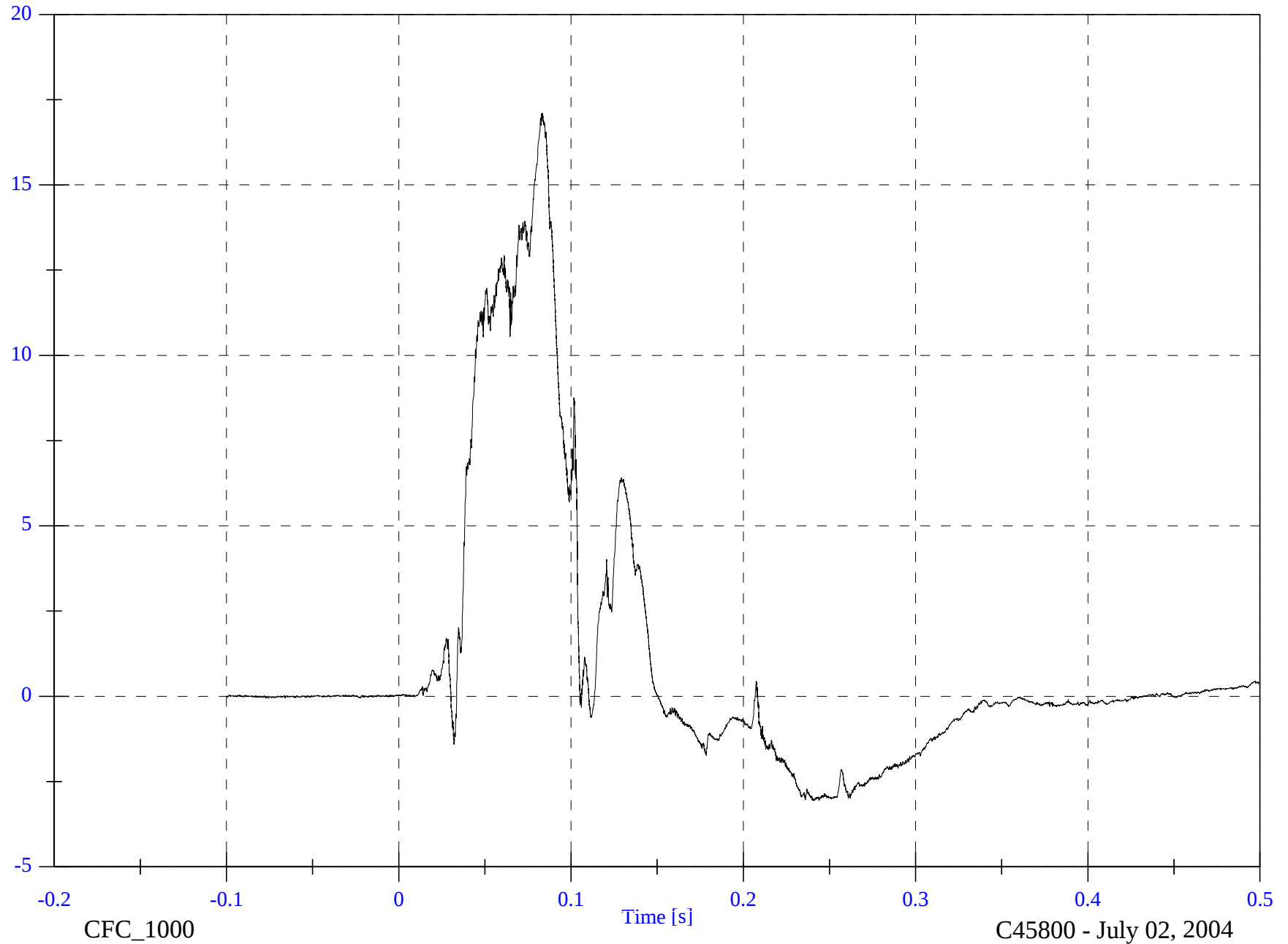
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lower Neck x

Max: 17.1 [g] at 0.084 [s]

Min: -3.1 [g] at 0.241 [s]



B-34

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

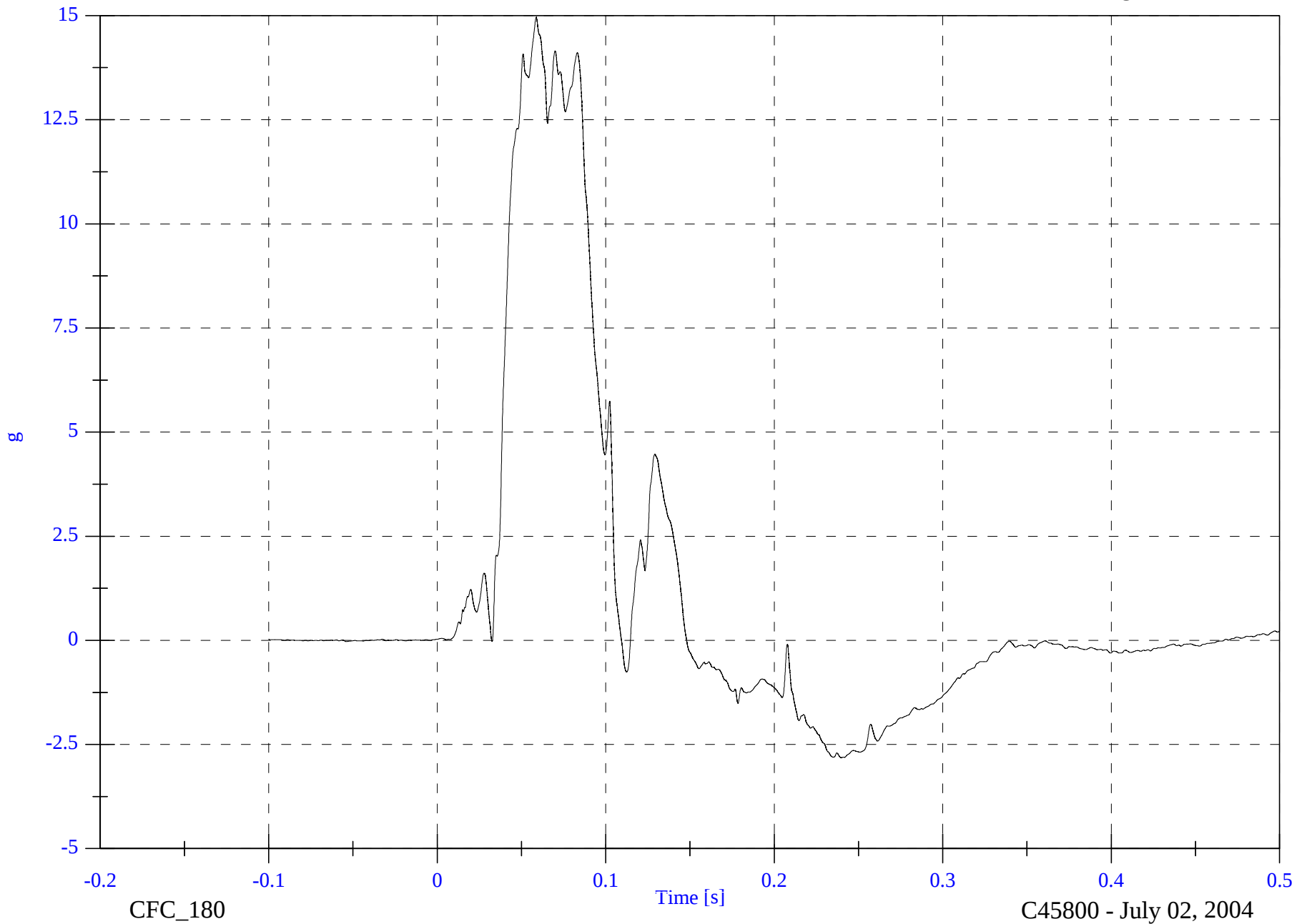
V2P1 Chest x

Max: 15.0 [g] at 0.059 [s]

Min: -2.8 [g] at 0.240 [s]

B-35

8655-F301-22R

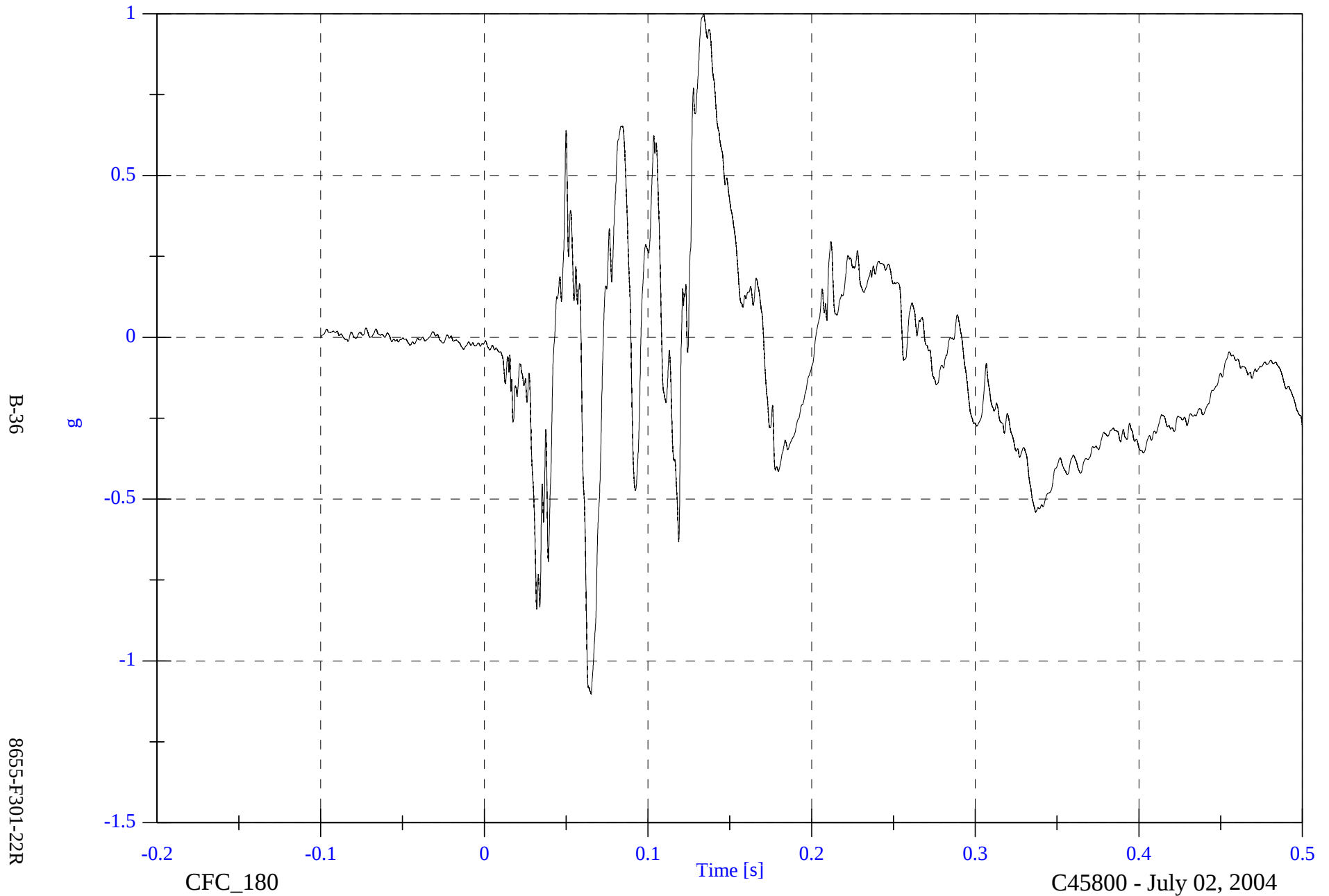


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Chest y

Max: 1.0 [g] at 0.134 [s]

Min: -1.1 [g] at 0.065 [s]

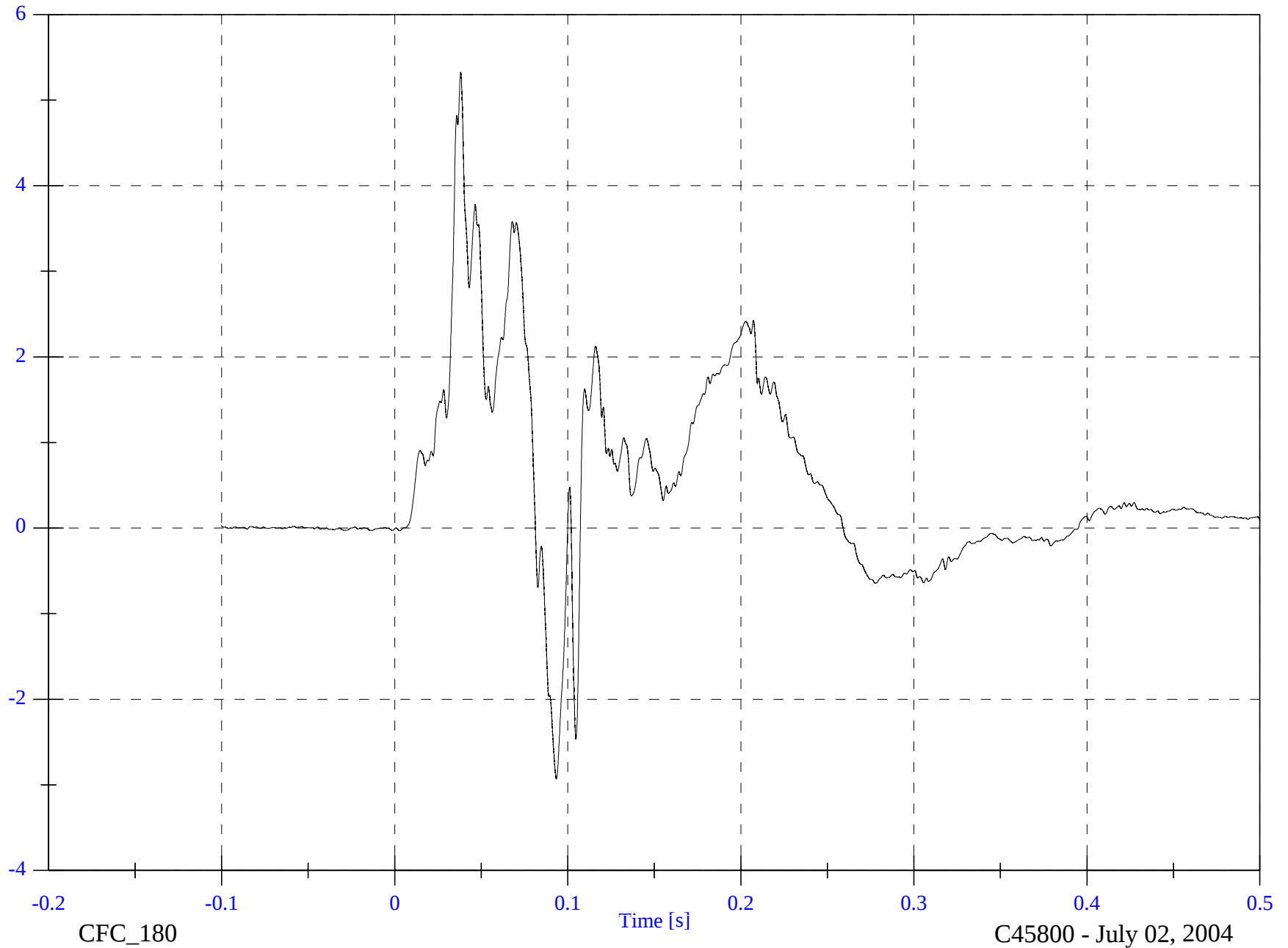


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Chest z

Max: 5.3 [g] at 0.038 [s]

Min: -2.9 [g] at 0.093 [s]



B-37

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

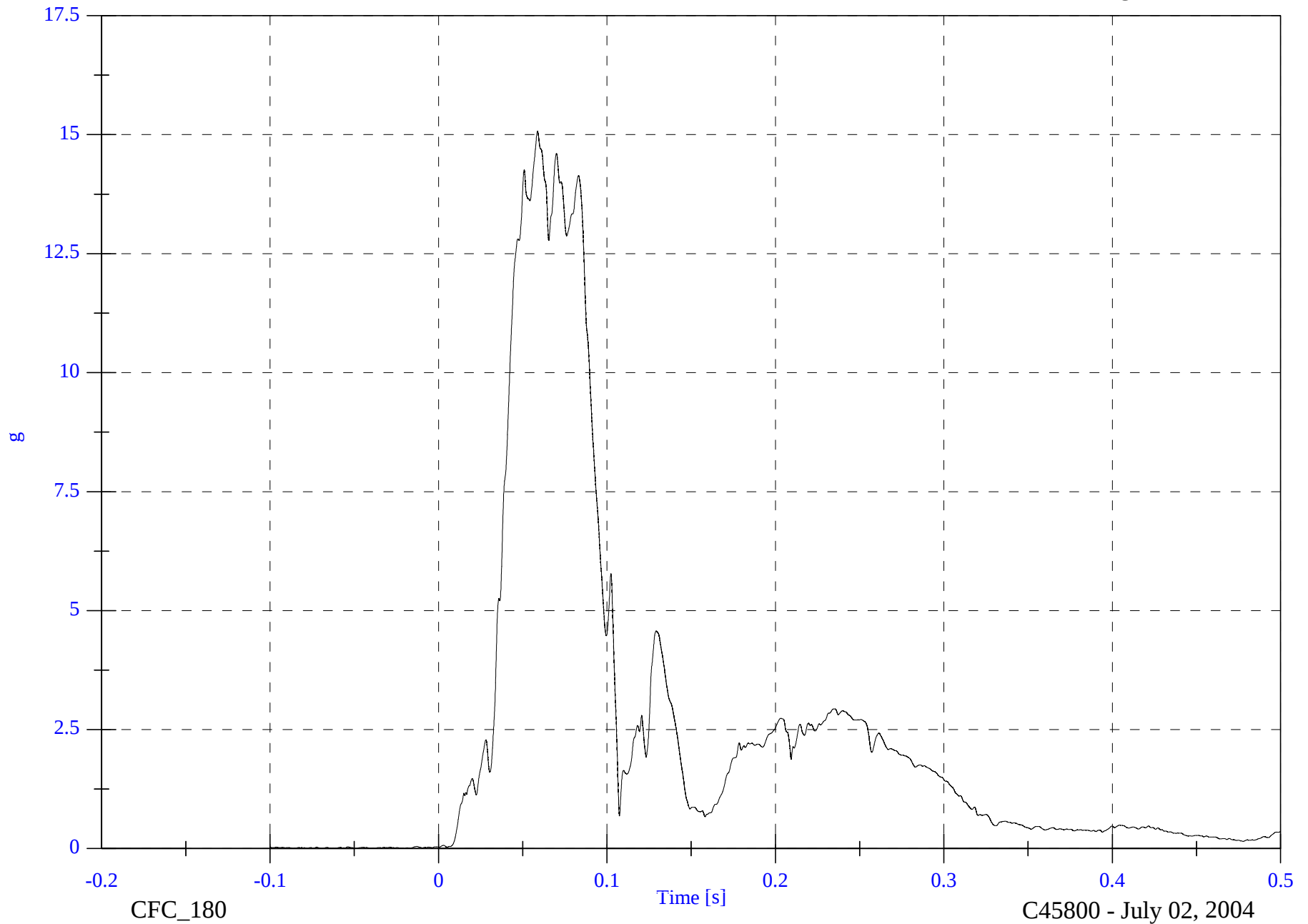
V2P1 Chest Resultant

Max: 15.1 [g] at 0.059 [s]

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

B-38

8655-F301-22R

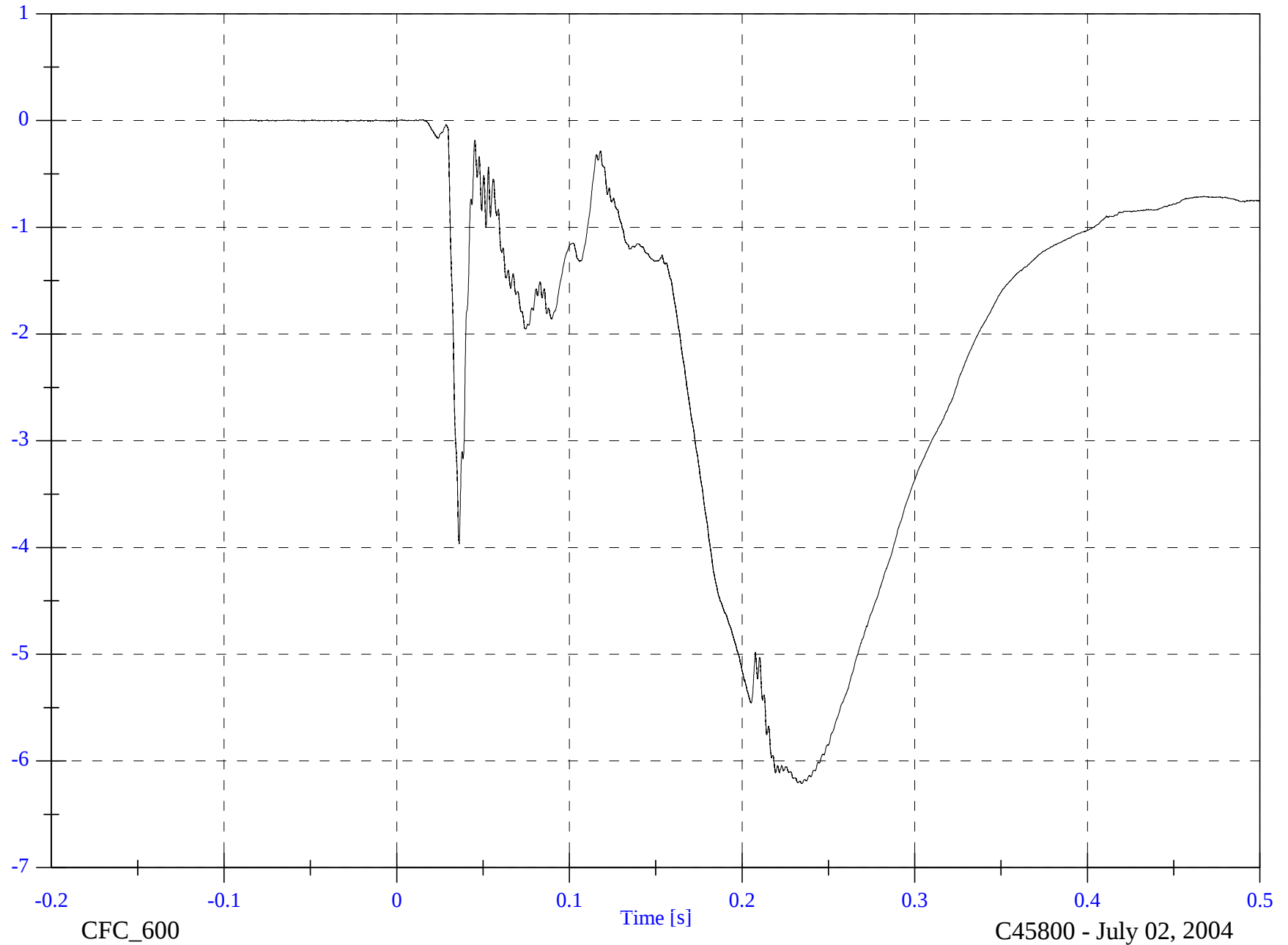


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Chest Displacement

Max: 0.0 [mm] at 0.015 [s]

Min: -6.2 [mm] at 0.235 [s]



B-39

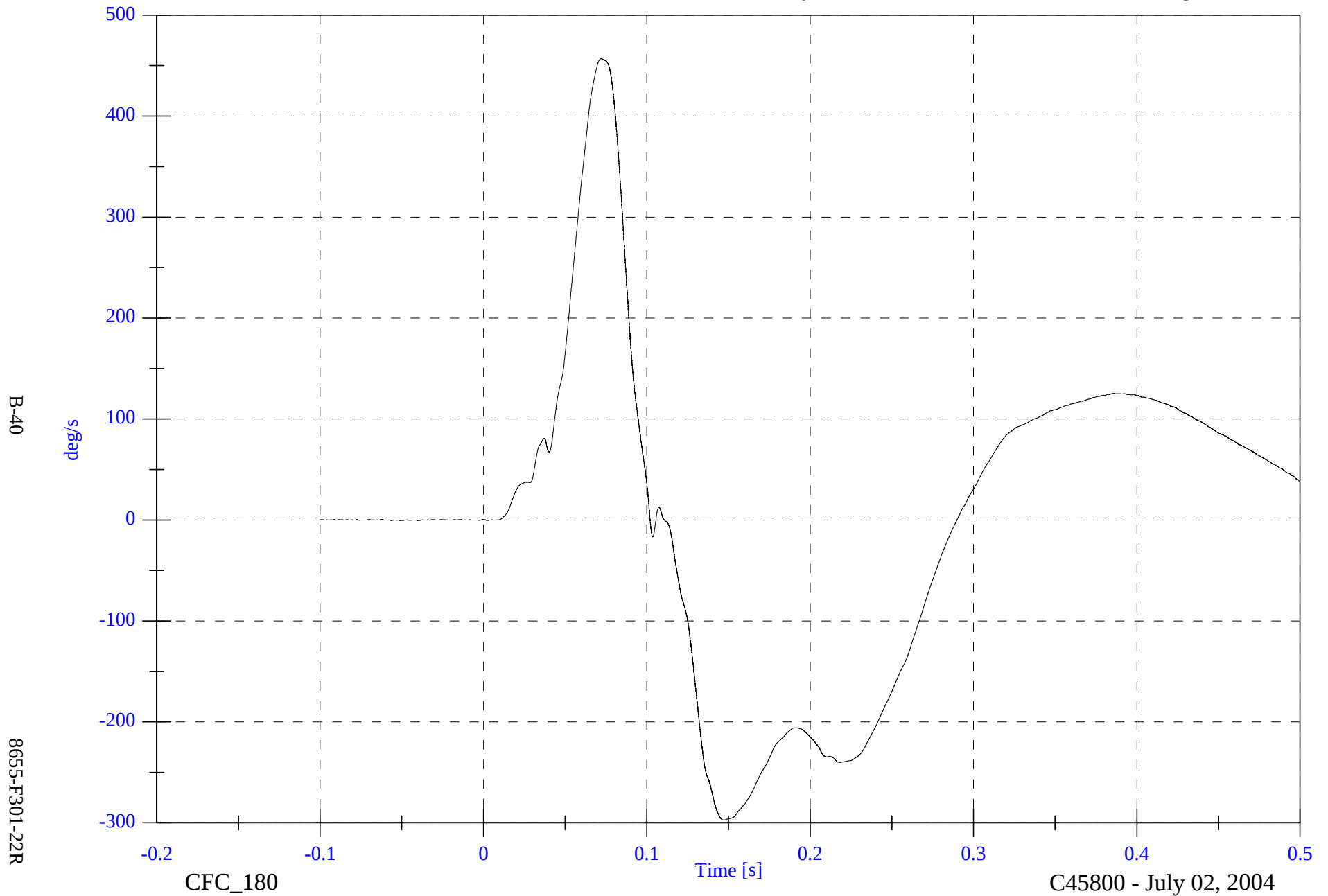
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Chest AVy

Max: 456.9 [deg/s] at 0.072 [s]

Min: -297.2 [deg/s] at 0.147 [s]

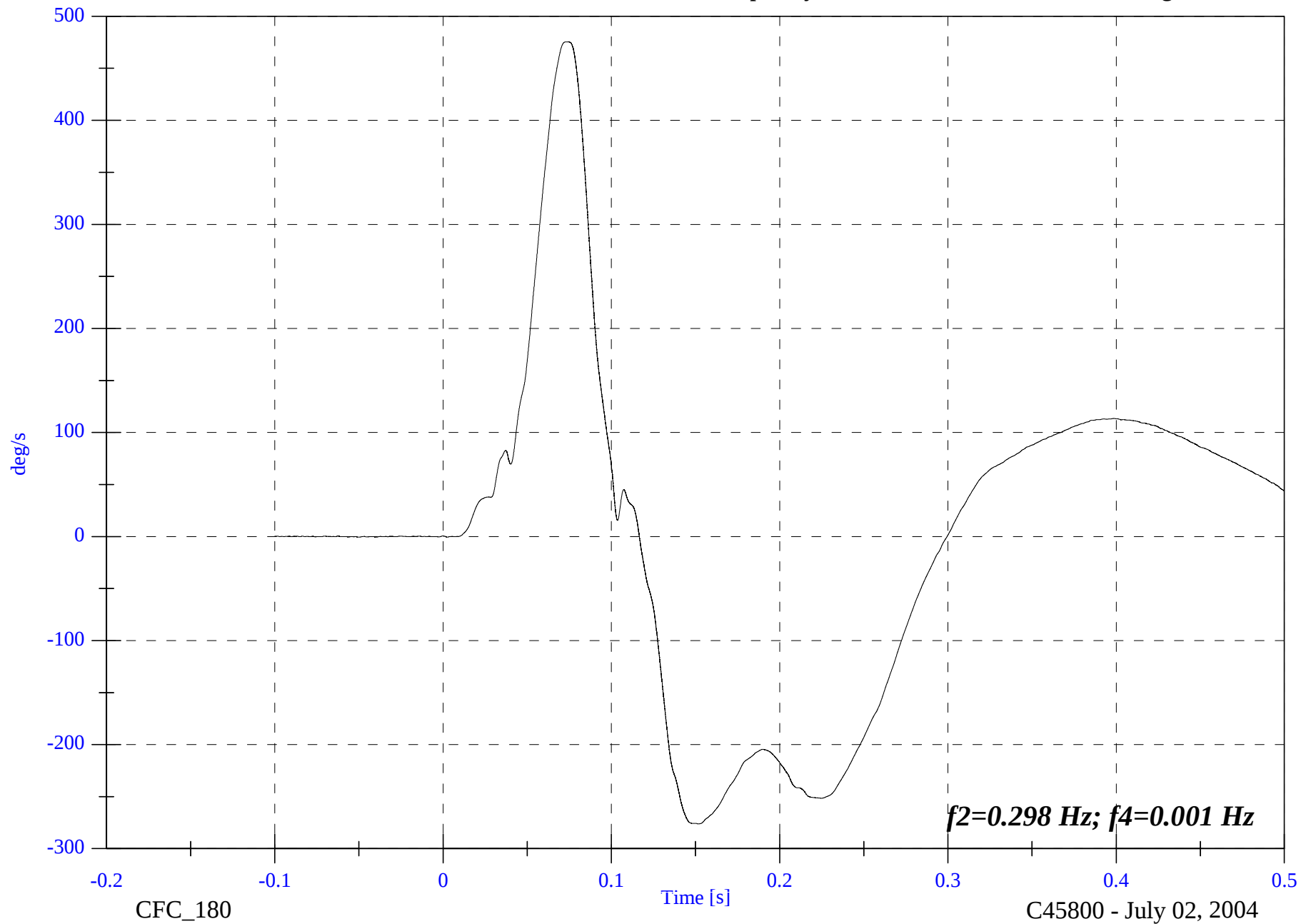


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Chest Comp AVy

Max: 475.5 [deg/s] at 0.075 [s]

Min: -276.2 [deg/s] at 0.152 [s]



B-41

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

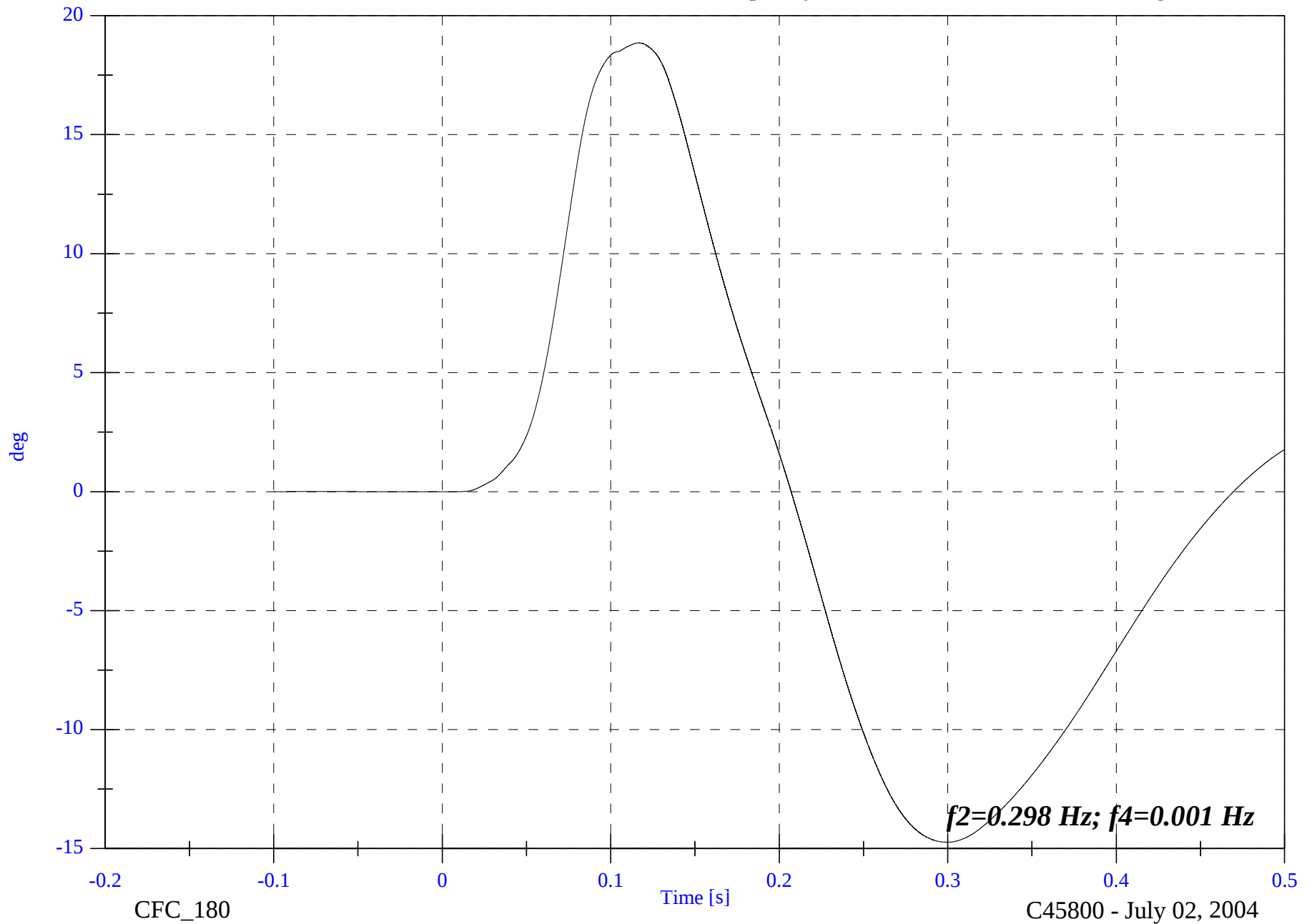
V2P1 Chest Comp ADy

Max: 18.9 [deg] at 0.117 [s]

Min: -14.7 [deg] at 0.300 [s]

B-42

8655-F301-22R

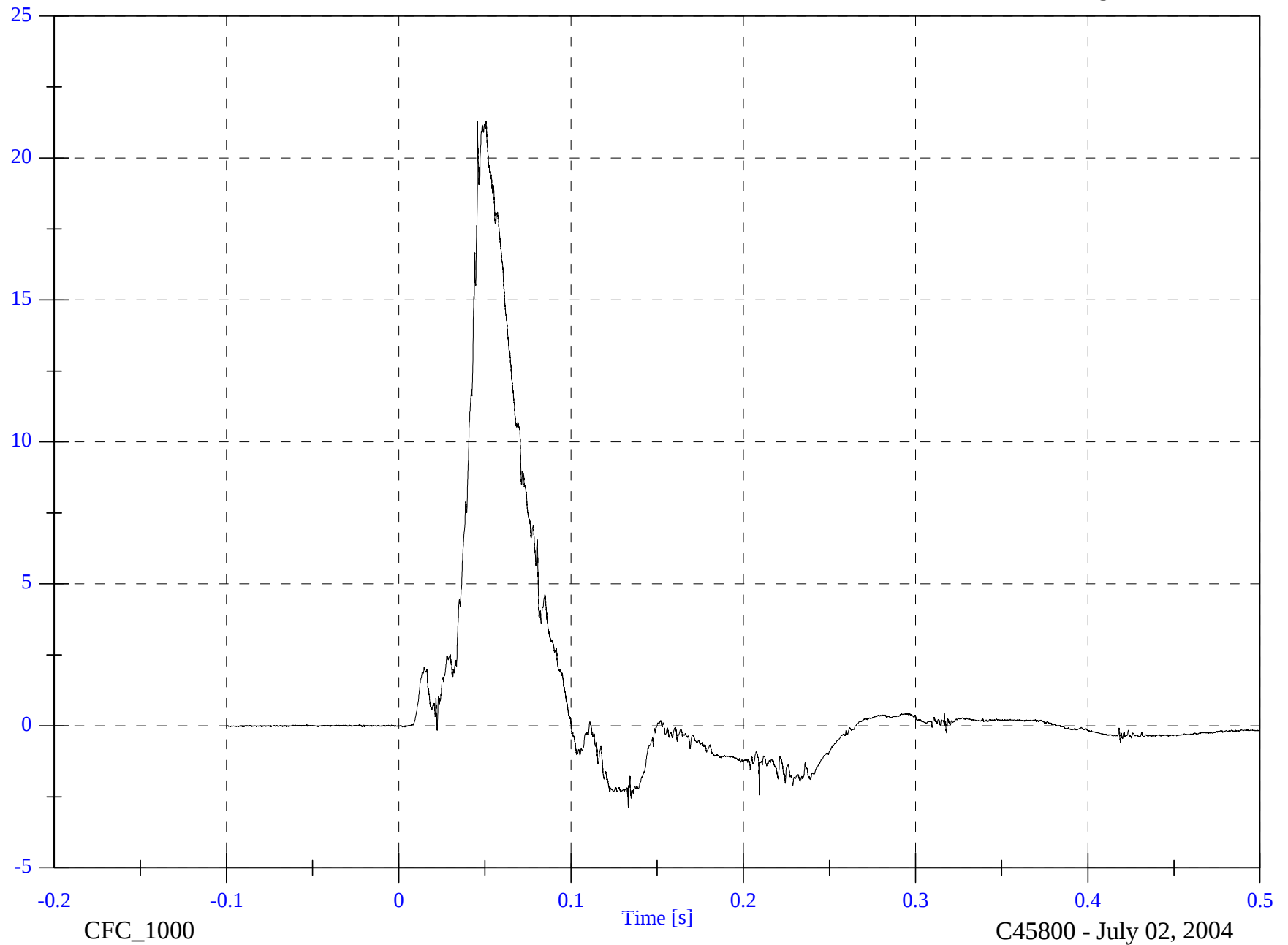


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Pelvic x

Max: 21.3 [g] at 0.051 [s]

Min: -2.9 [g] at 0.133 [s]



B-43

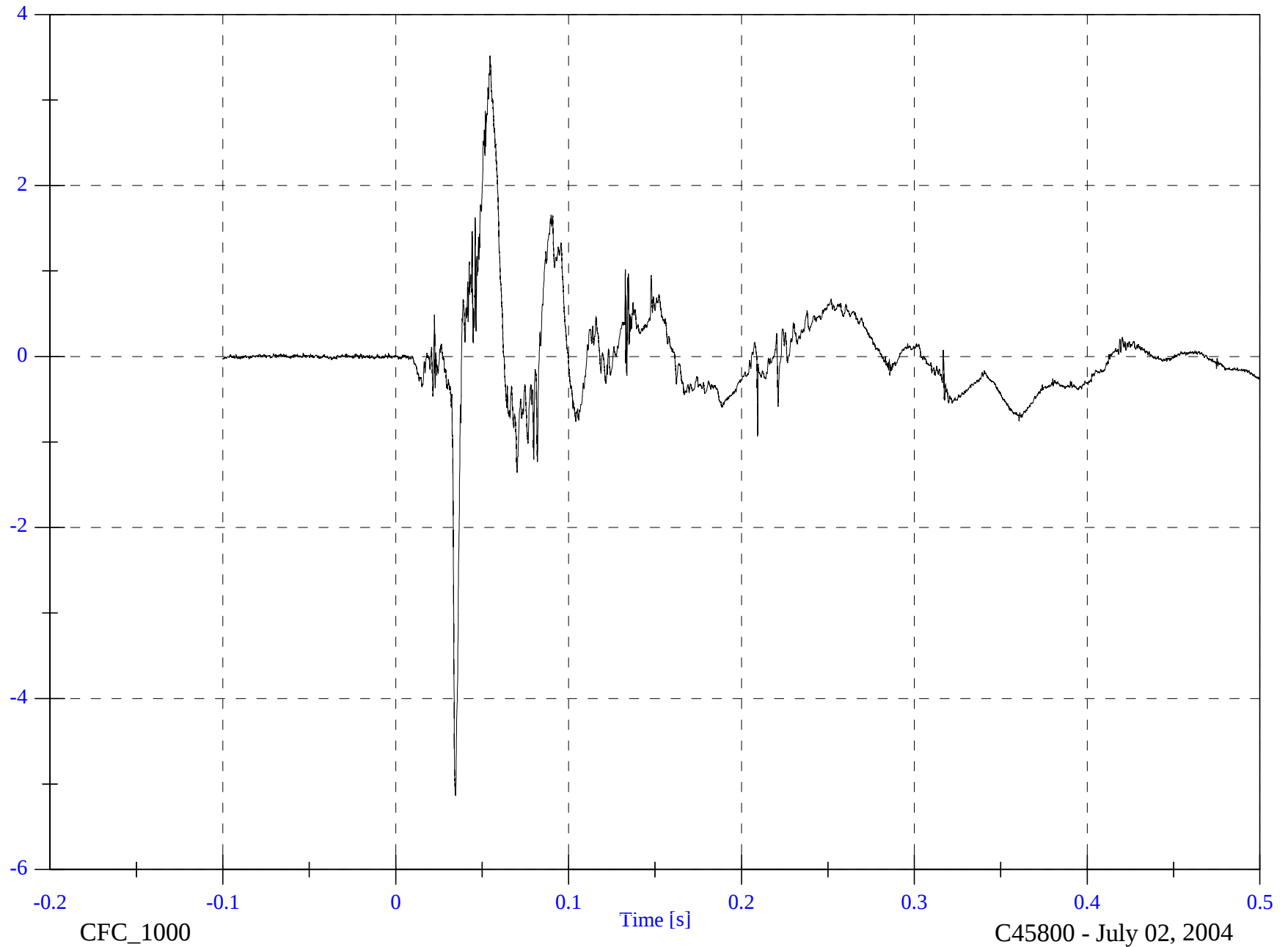
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Pelvic y

Max: 3.5 [g] at 0.055 [s]

Min: -5.1 [g] at 0.035 [s]

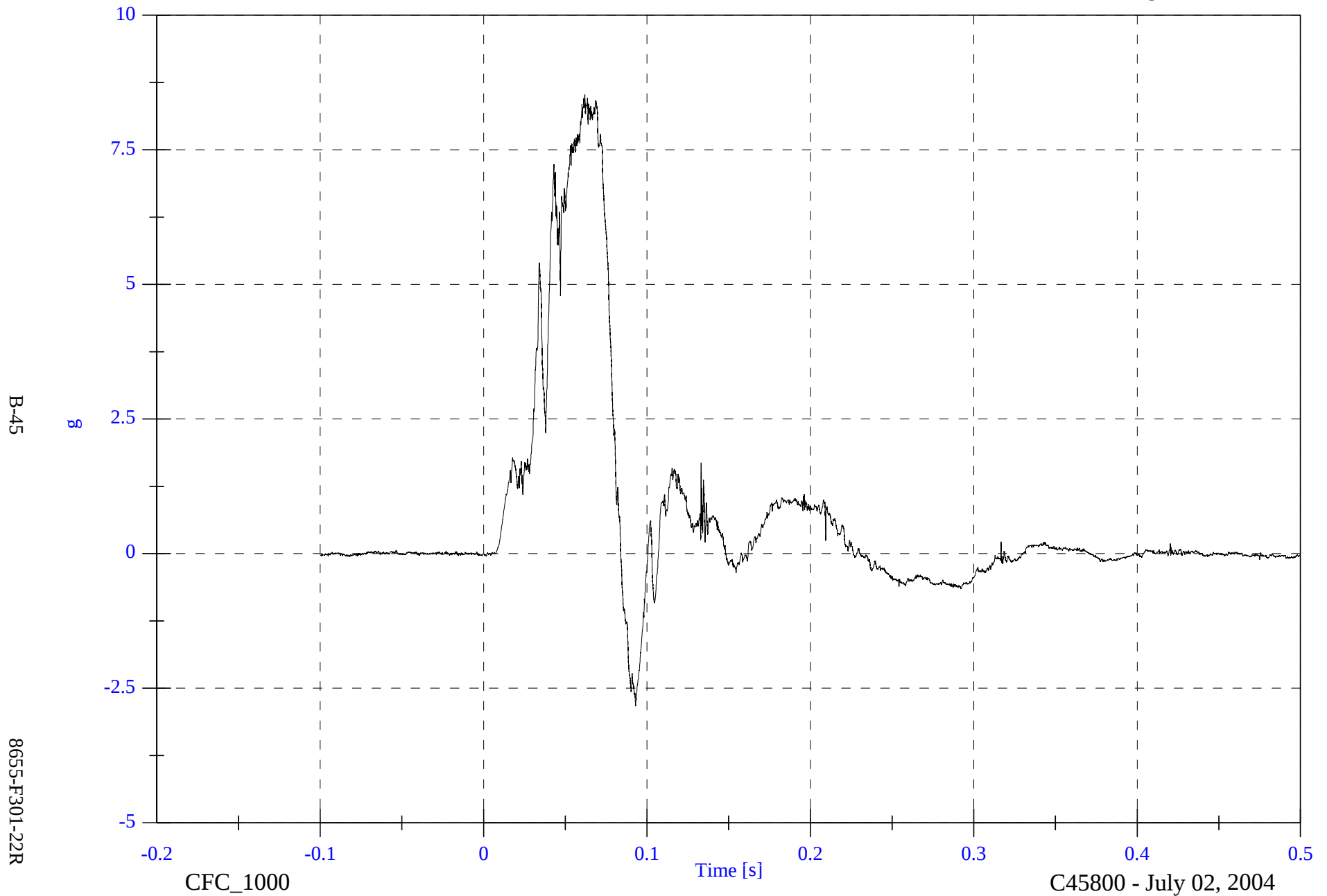


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Pelvic z

Max: 8.5 [g] at 0.062 [s]

Min: -2.8 [g] at 0.093 [s]

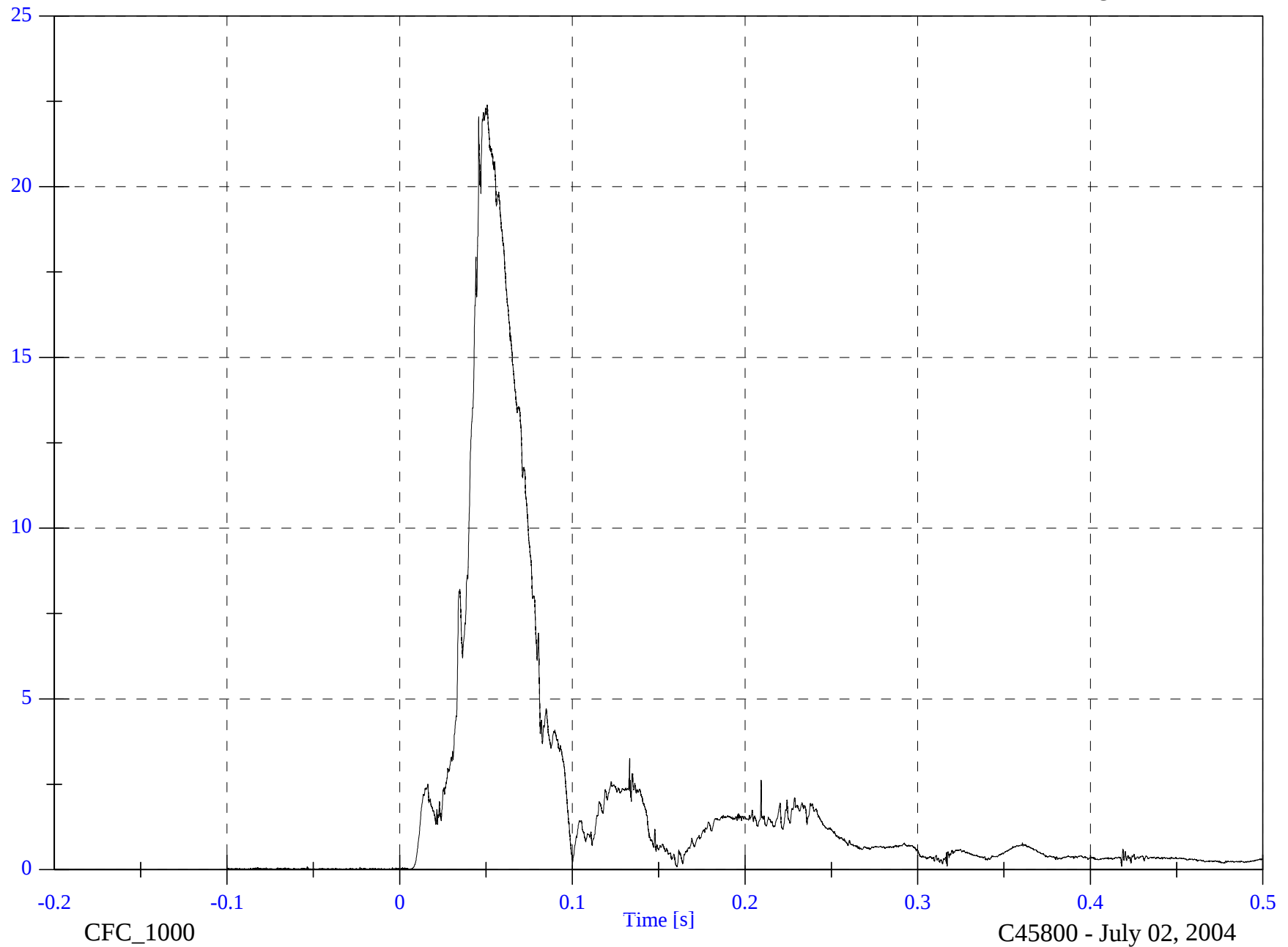


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Pelvic Resultant

Max: 22.4 [g] at 0.051 [s]

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



B-46

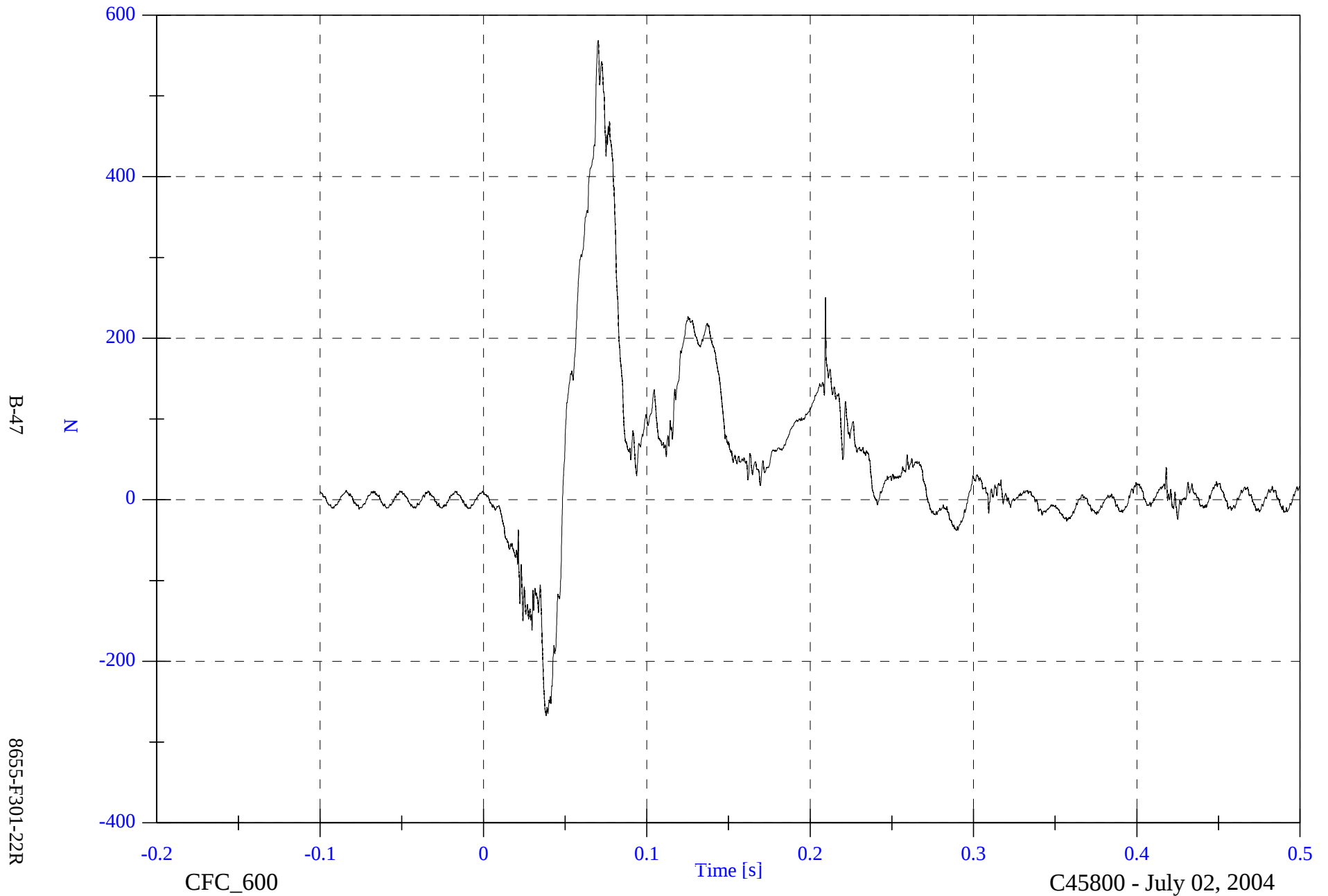
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Left Femur

Max: 568.6 [N] at 0.070 [s]

Min: -267.3 [N] at 0.038 [s]

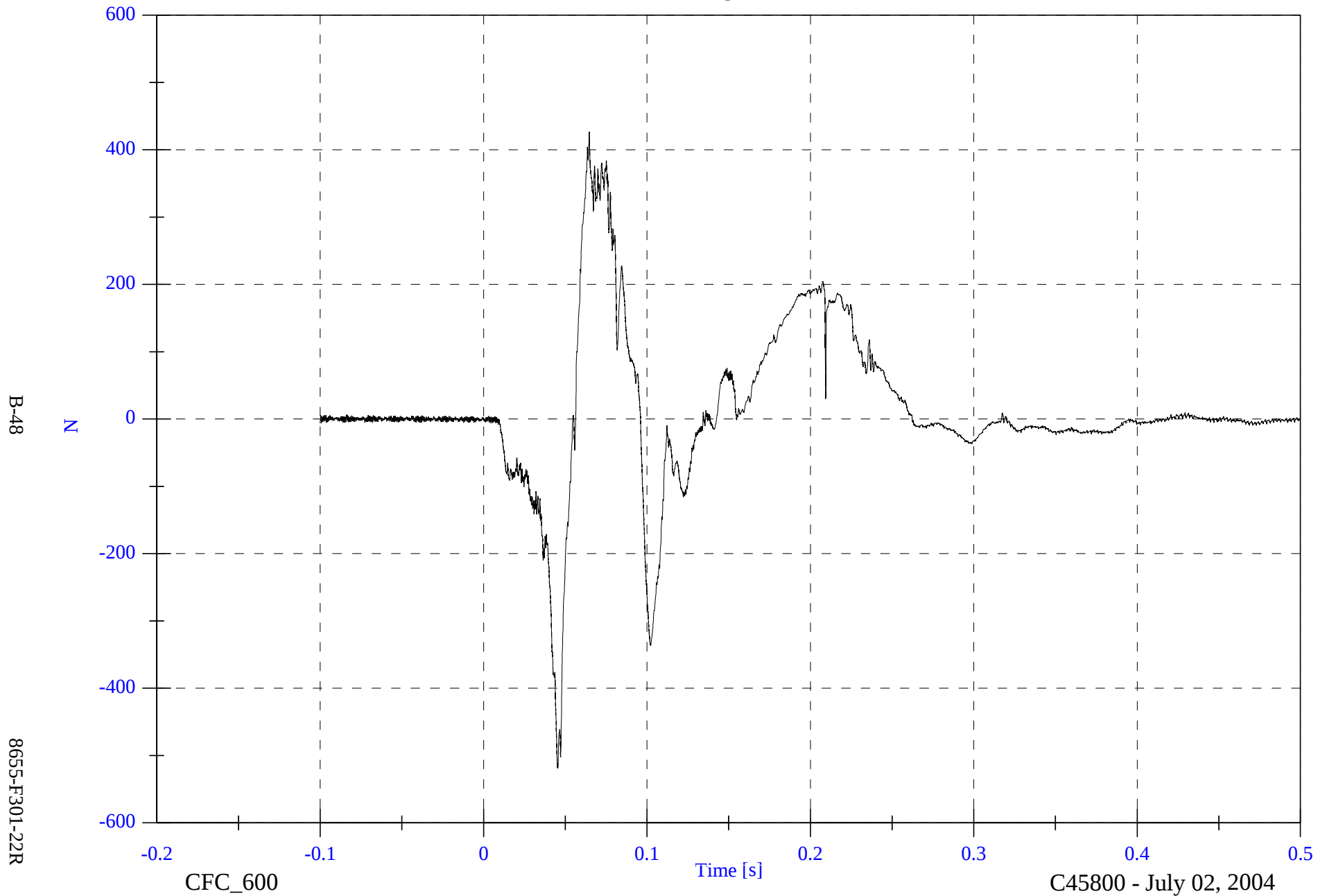


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Right Femur

Max: 426.4 [N] at 0.065 [s]

Min: -519.3 [N] at 0.045 [s]

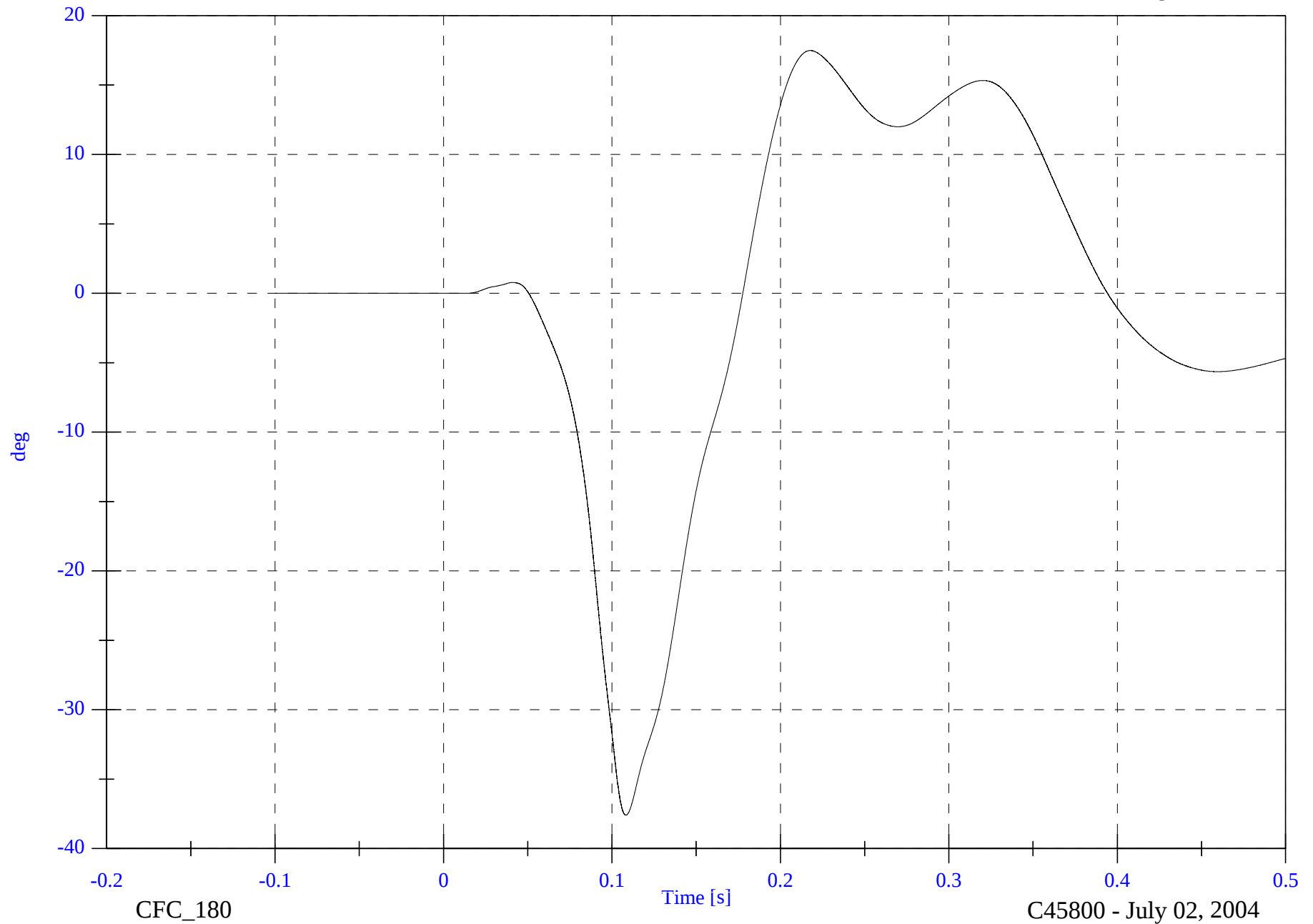


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Head to Chest

Max: 17.5 [deg] at 0.218 [s]

Min: -37.6 [deg] at 0.108 [s]



B-49

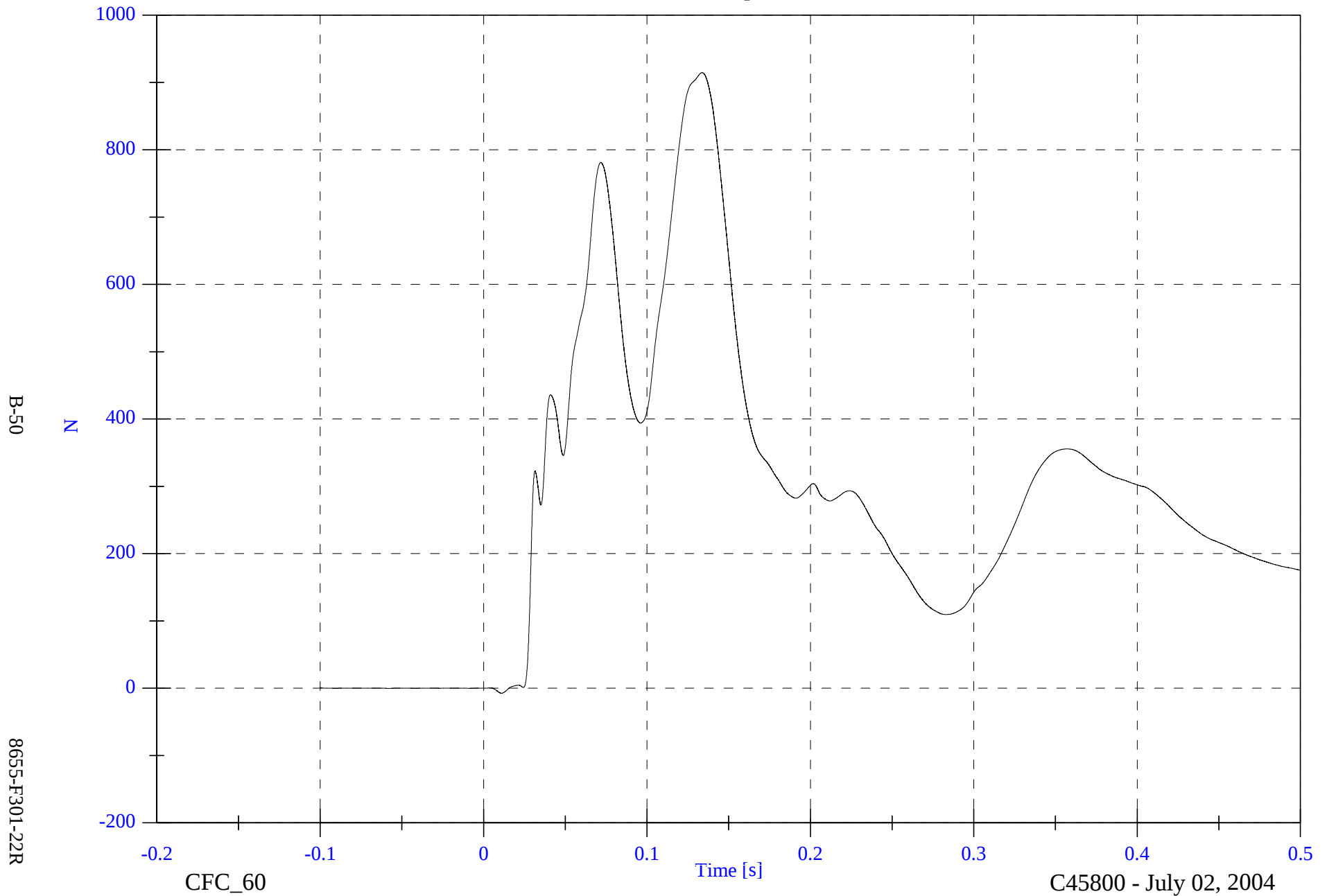
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Lap Belt

Max: 914.6 [N] at 0.134 [s]

Min: -7.3 [N] at 0.011 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

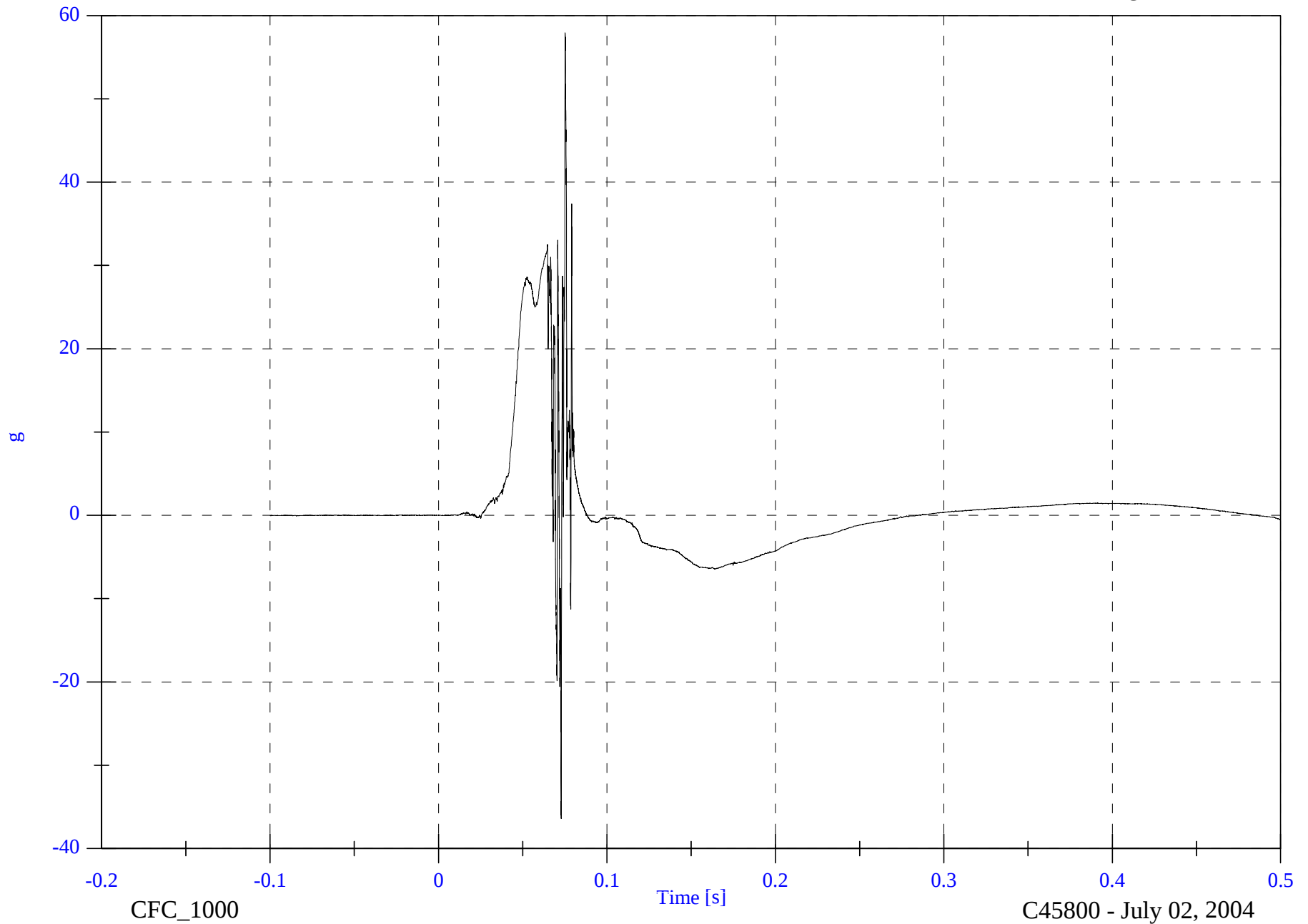
V2P3 Head x

Max: 57.9 [g] at 0.075 [s]

Min: -36.4 [g] at 0.073 [s]

B-51

8655-F301-22R



CFC_1000

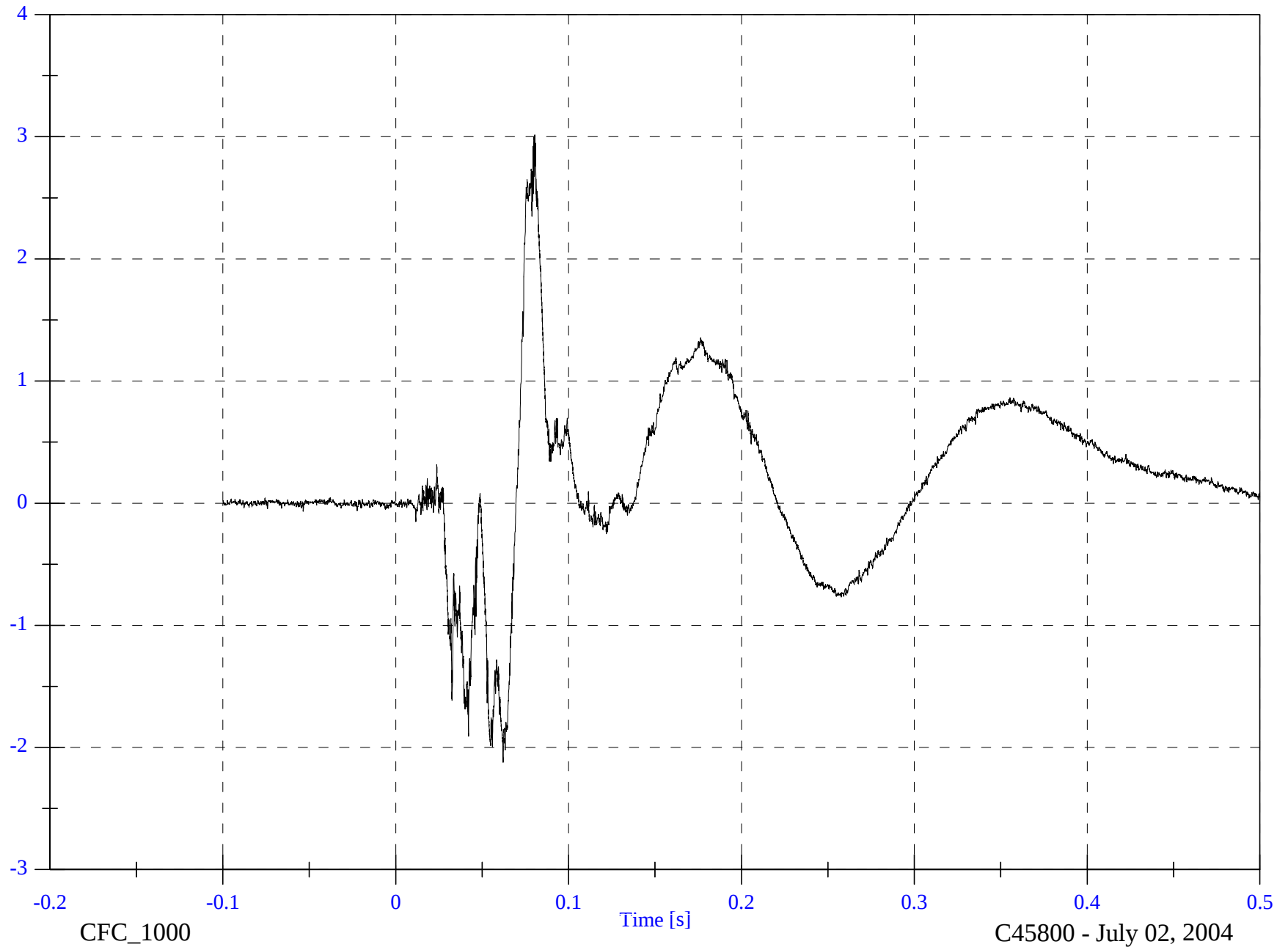
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Head y

Max: 3.0 [g] at 0.080 [s]

Min: -2.1 [g] at 0.062 [s]



B-52

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

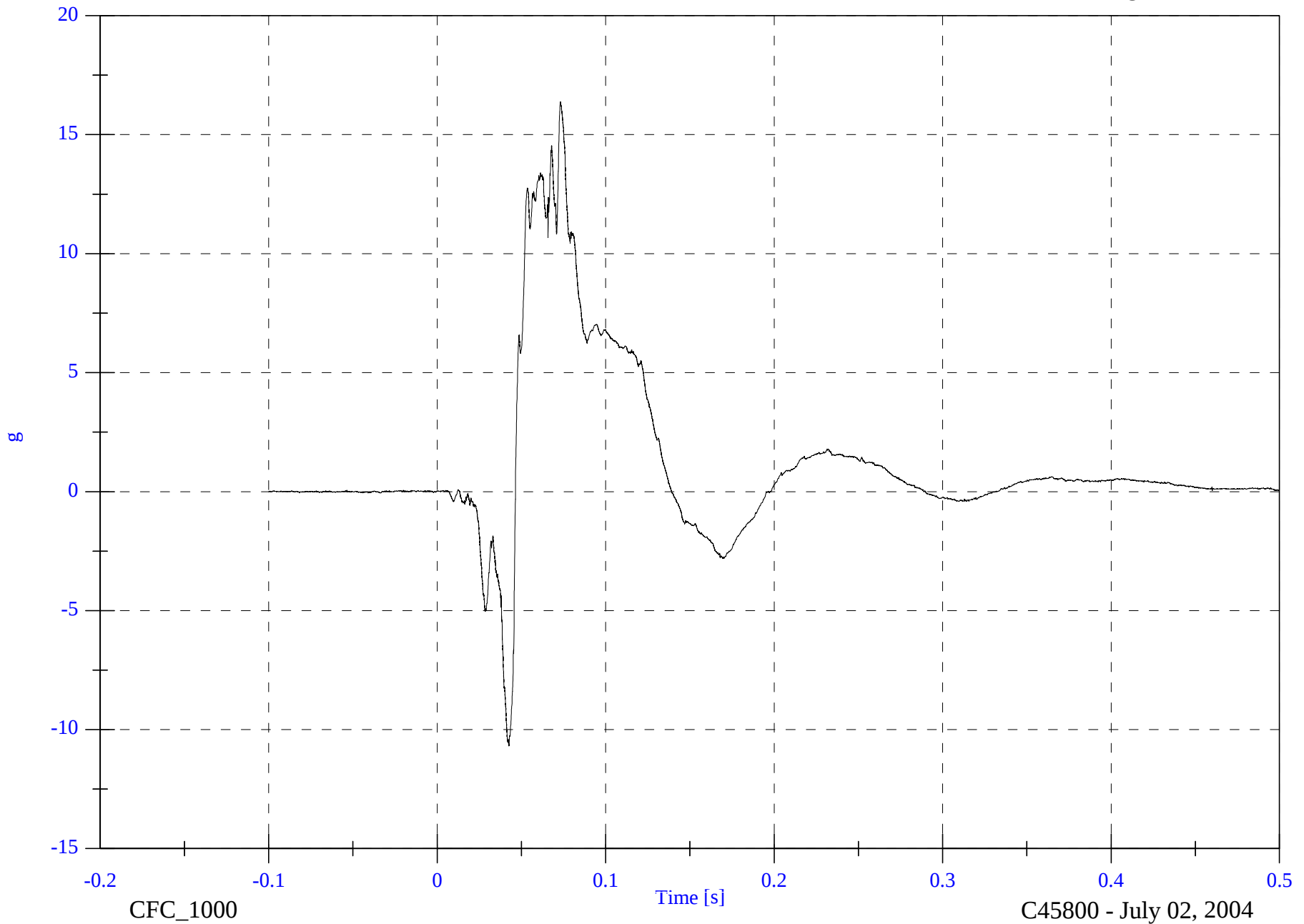
V2P3 Head z

Max: 16.4 [g] at 0.073 [s]

Min: -10.7 [g] at 0.043 [s]

B-53

8655-F301-22R

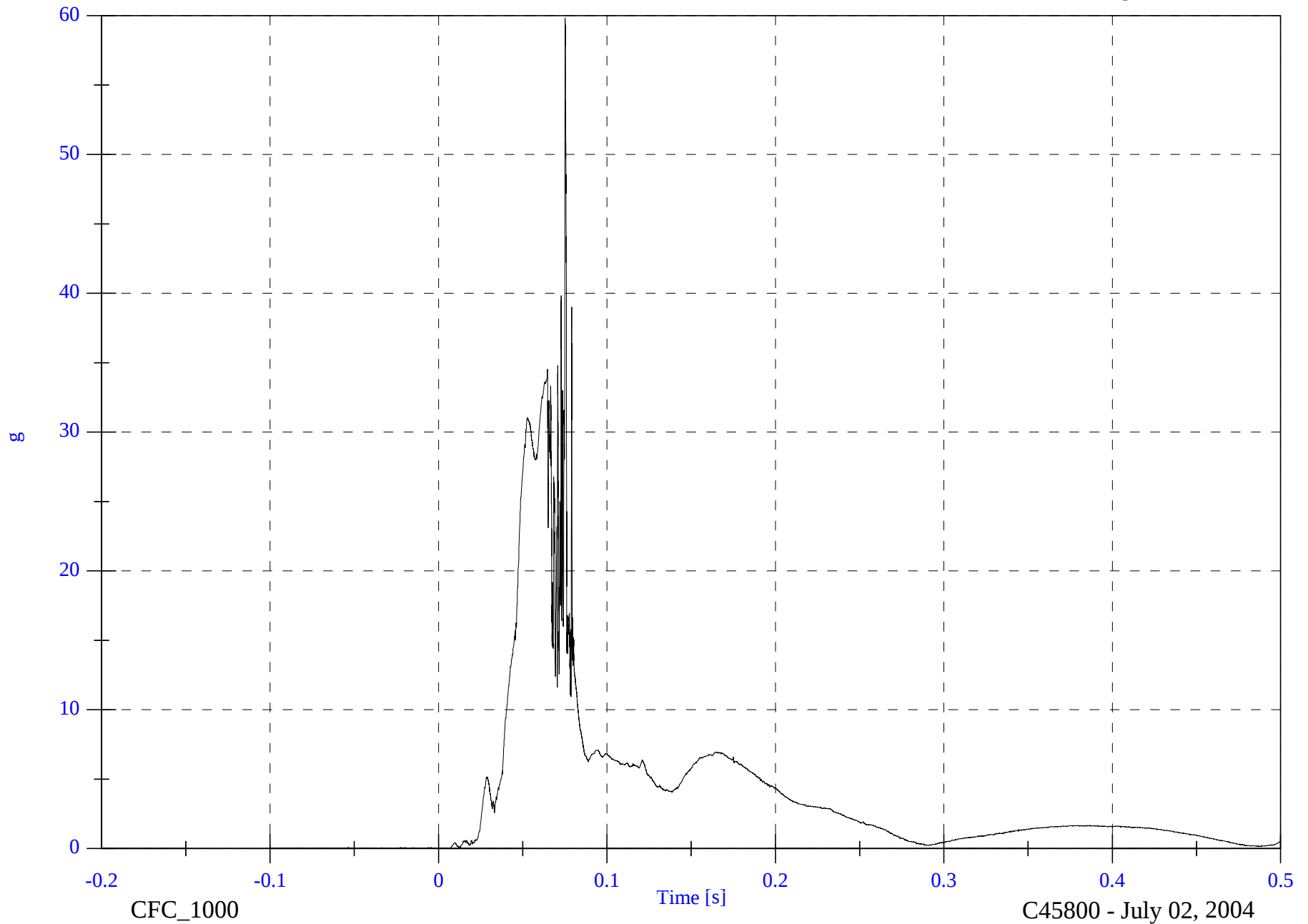


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Head Resultant

Max: 59.8 [g] at 0.075 [s]

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



B-54

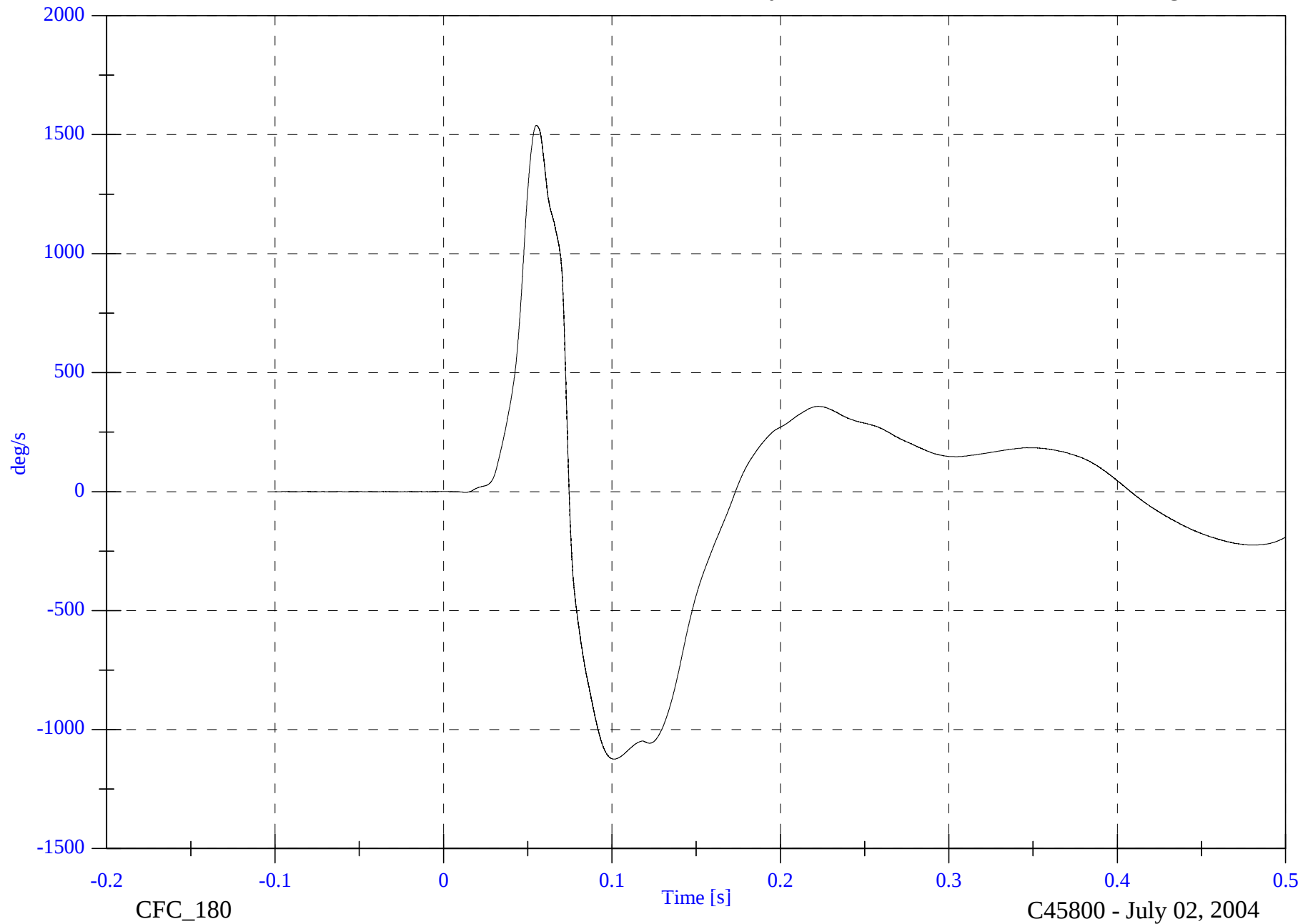
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Head AVy

Max: 1538.8 [deg/s] at 0.055 [s]

Min: -1124.1 [deg/s] at 0.101 [s]



B-55

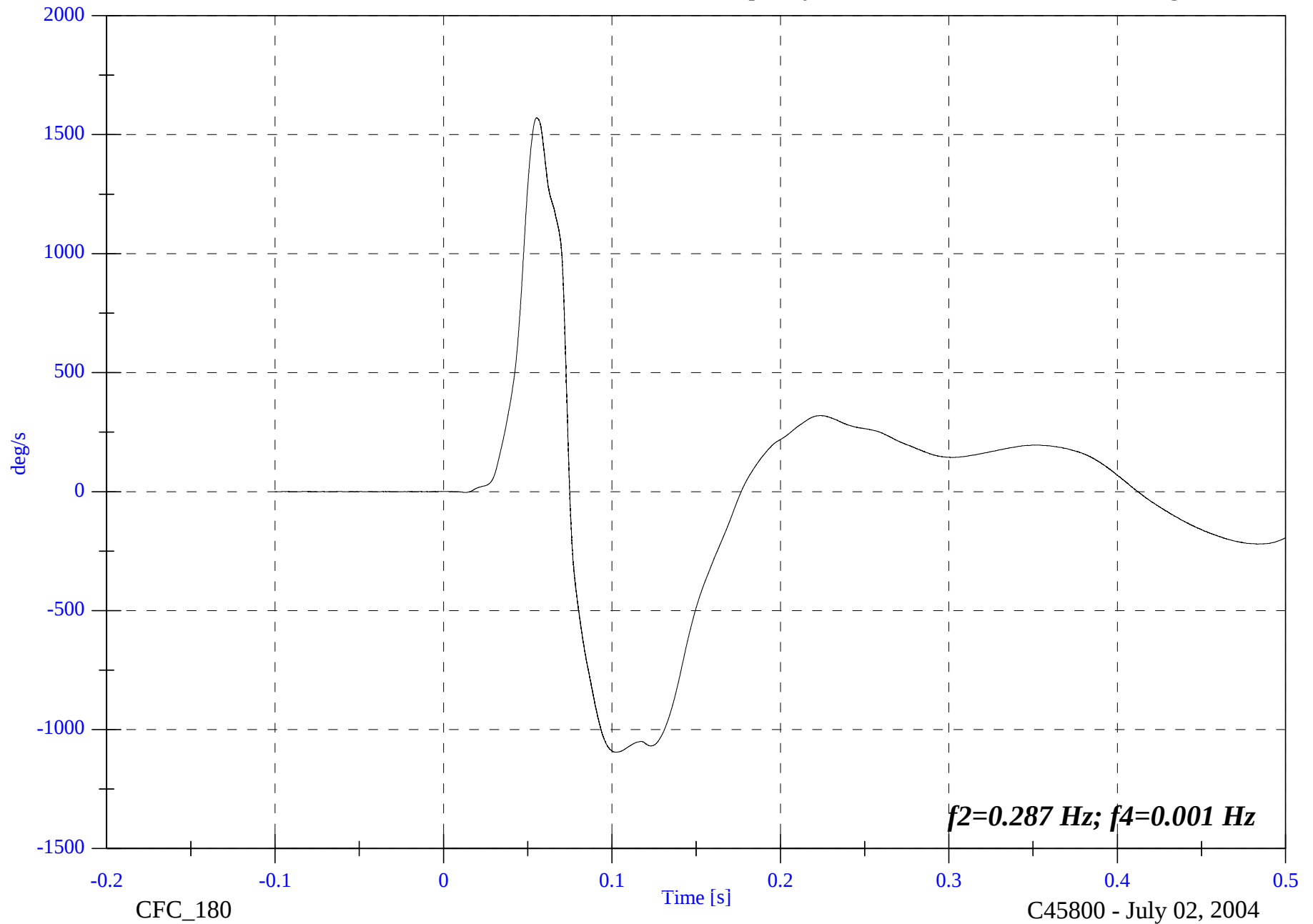
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Head Comp AVy

Max: 1570.1 [deg/s] at 0.055 [s]

Min: -1095.2 [deg/s] at 0.102 [s]

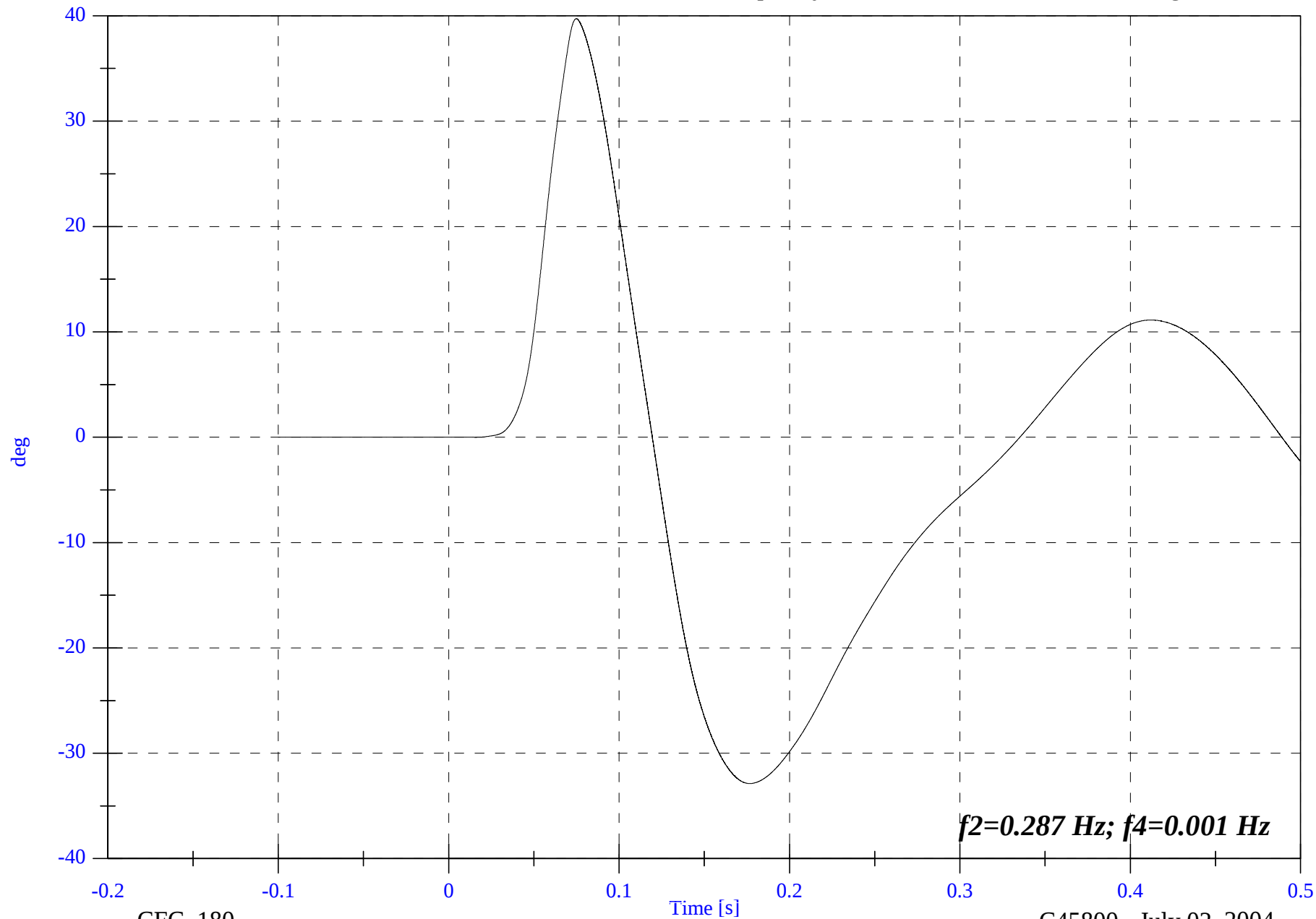


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Head Comp ADy

Max: 39.7 [deg] at 0.075 [s]

Min: -32.9 [deg] at 0.177 [s]



f2=0.287 Hz; f4=0.001 Hz

B-57

8655-F301-22R

CFC_180

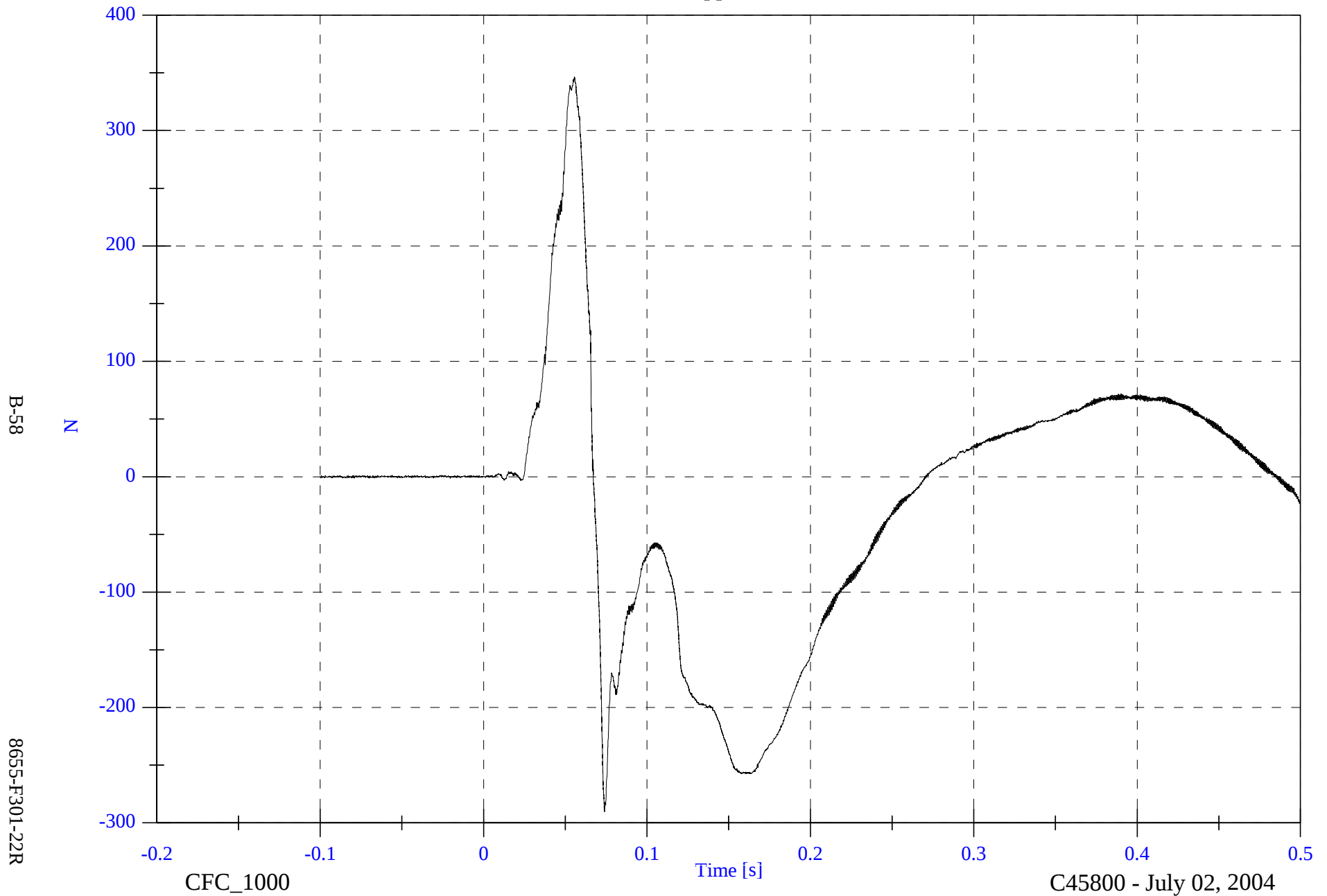
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck Fx

Max: 346.3 [N] at 0.056 [s]

Min: -290.3 [N] at 0.074 [s]

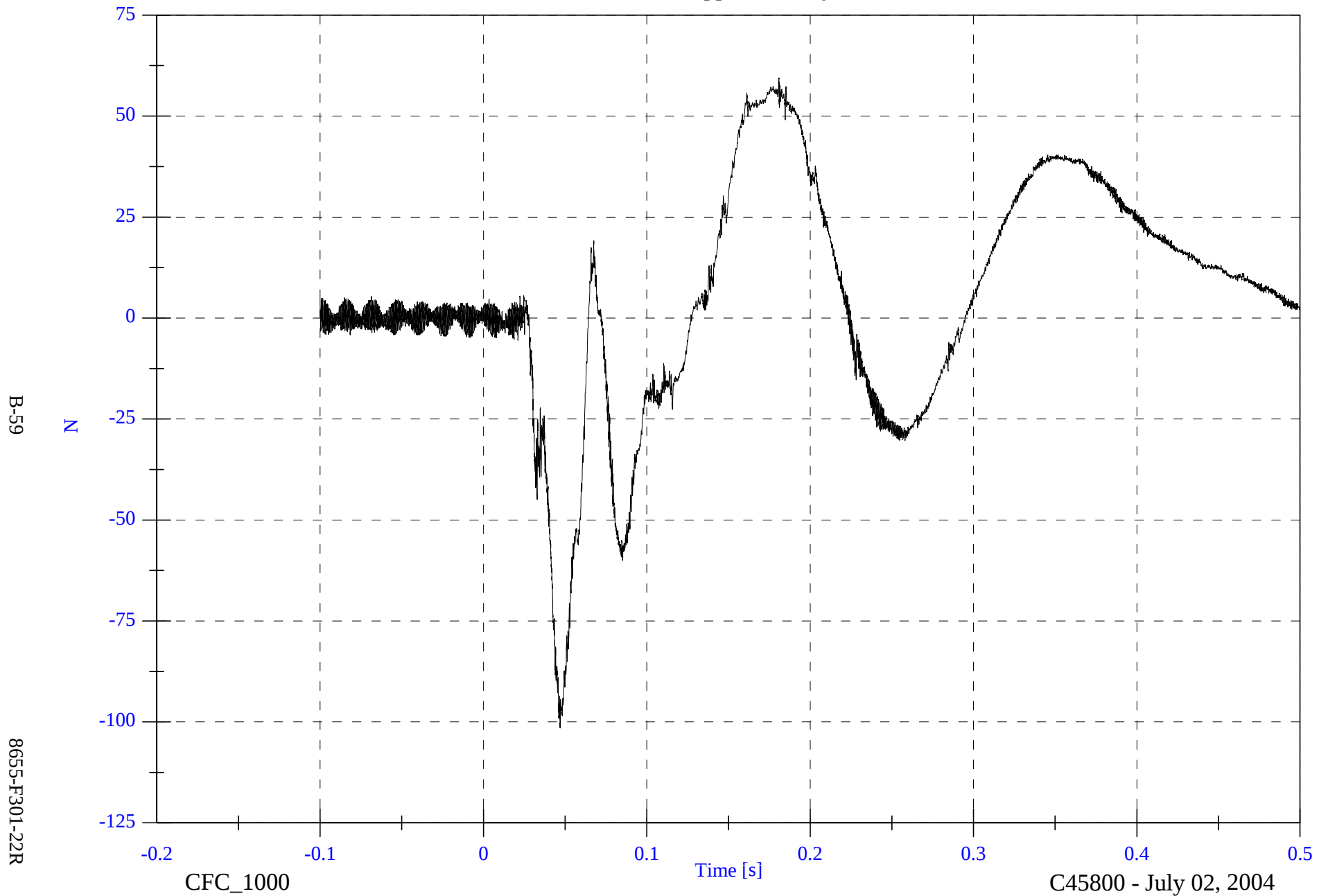


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck Fy

Max: 59.4 [N] at 0.181 [s]

Min: -101.5 [N] at 0.047 [s]

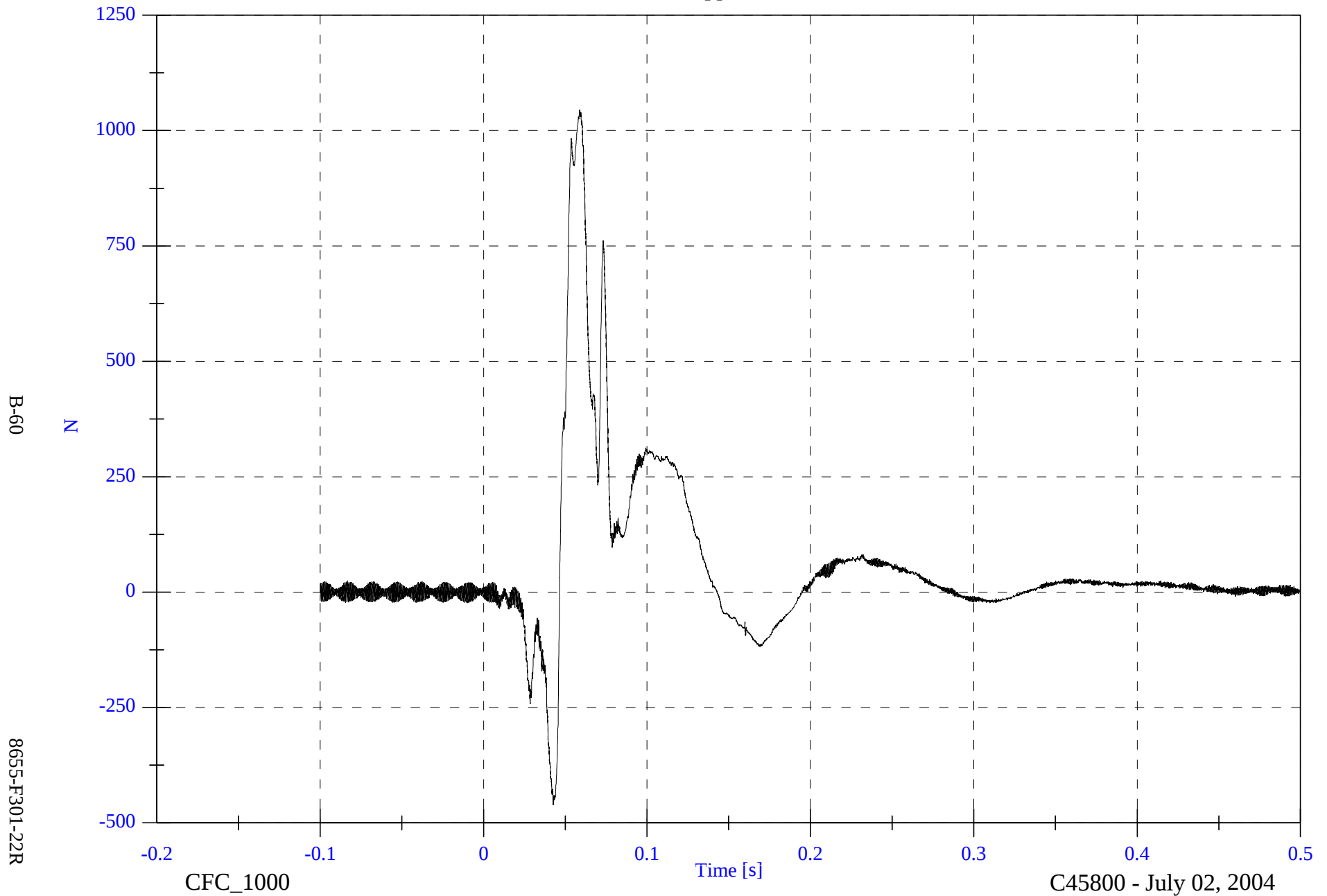


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck Fz

Max: 1044.8 [N] at 0.059 [s]

Min: -461.4 [N] at 0.043 [s]

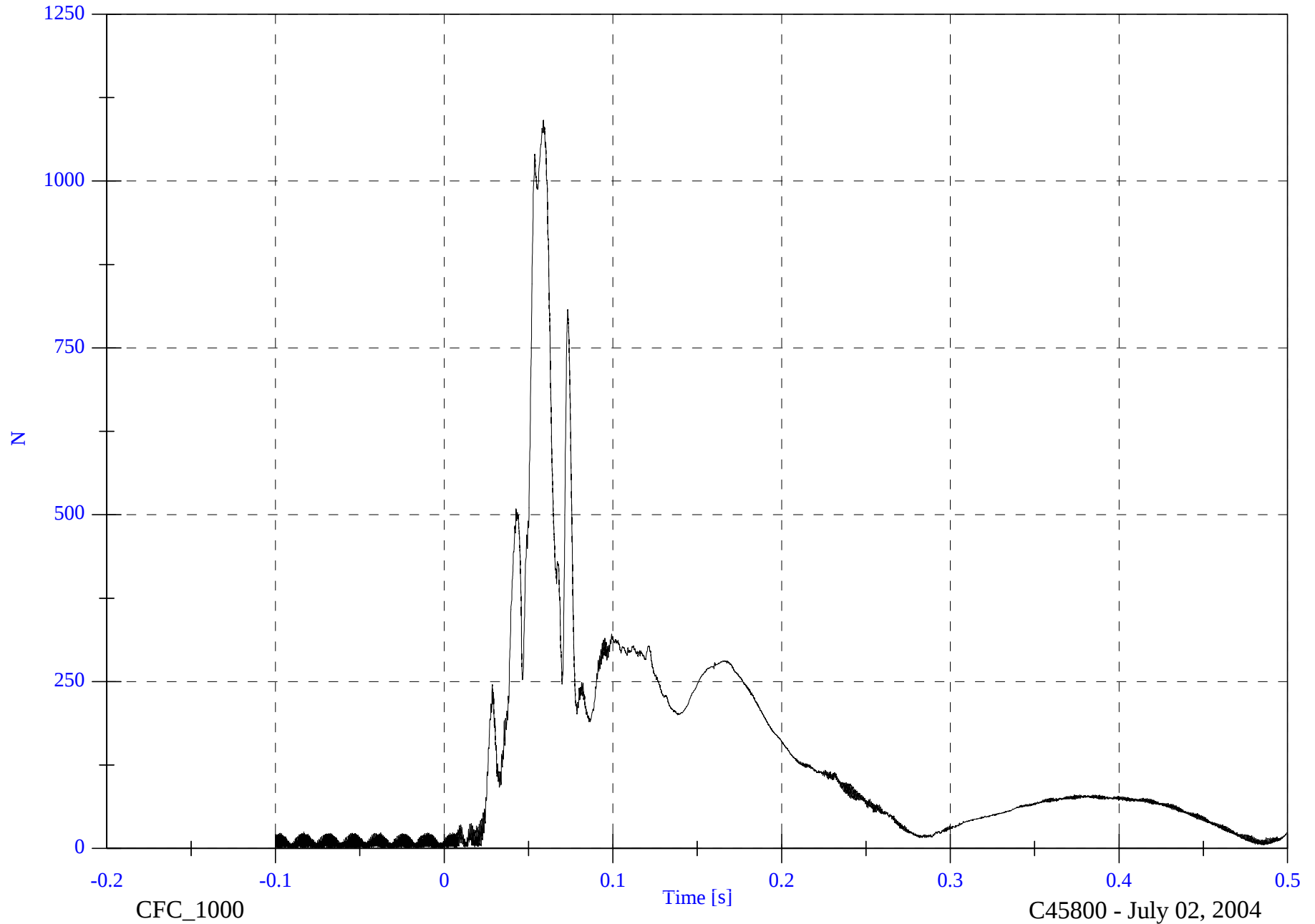


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck F Resultant

Max: 1091.2 [N] at 0.059 [s]

Min: 0.3 [N] at -0.058 [s]



B-61

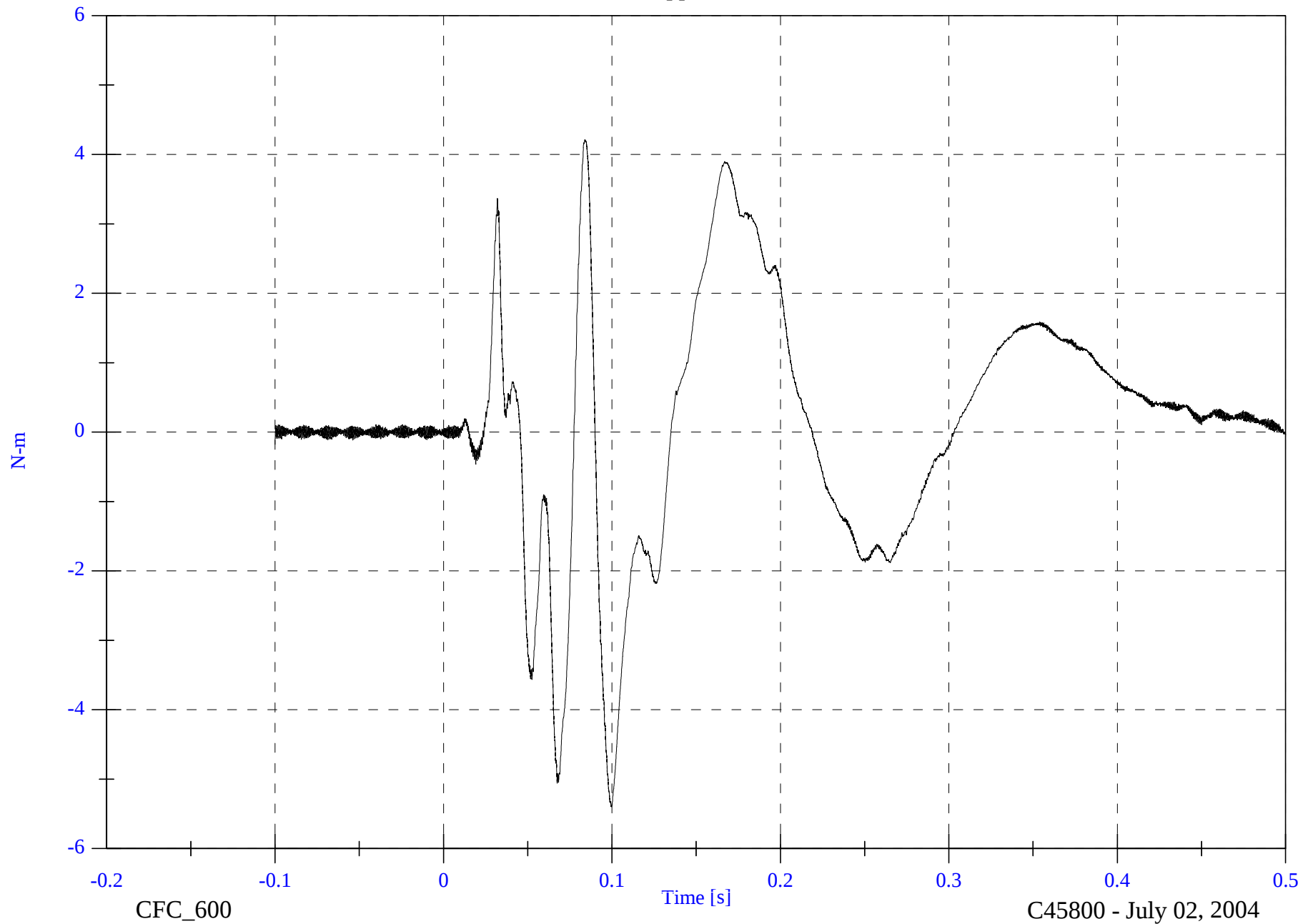
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck Mx

Max: 4.2 [N-m] at 0.084 [s]

Min: -5.4 [N-m] at 0.100 [s]



B-62

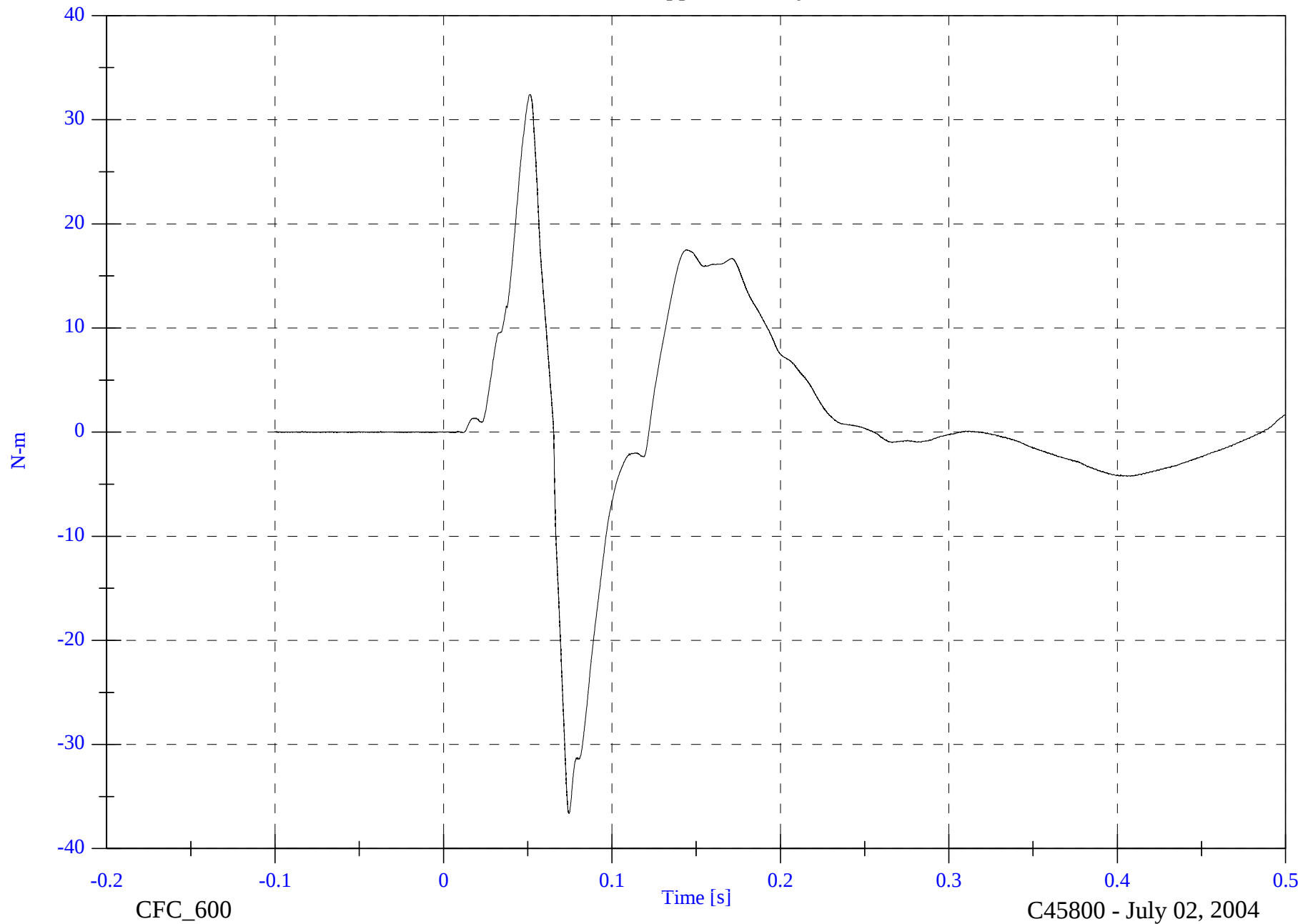
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck My

Max: 32.4 [N-m] at 0.051 [s]

Min: -36.6 [N-m] at 0.075 [s]



B-63

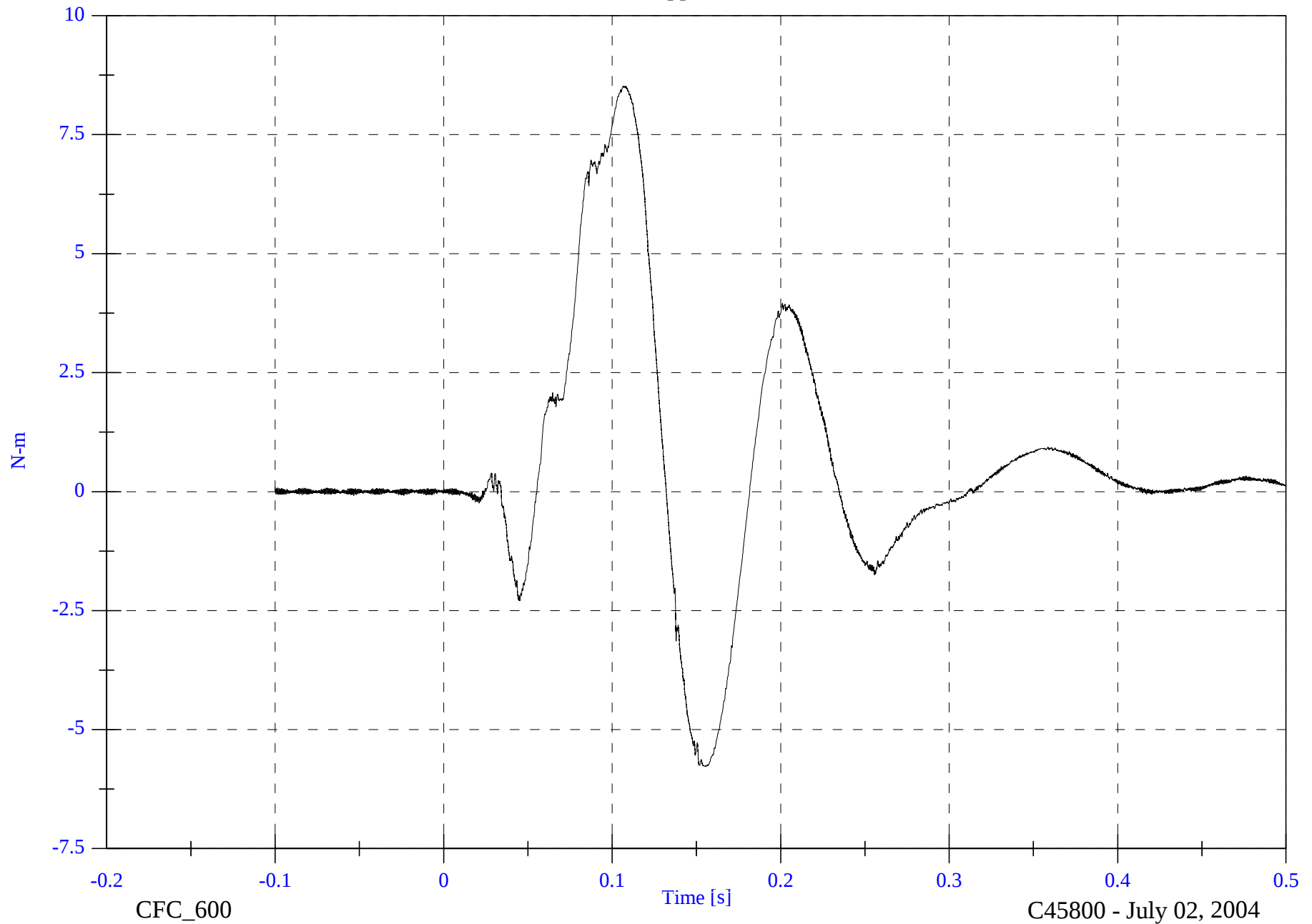
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck Mz

Max: 8.5 [N-m] at 0.107 [s]

Min: -5.8 [N-m] at 0.156 [s]

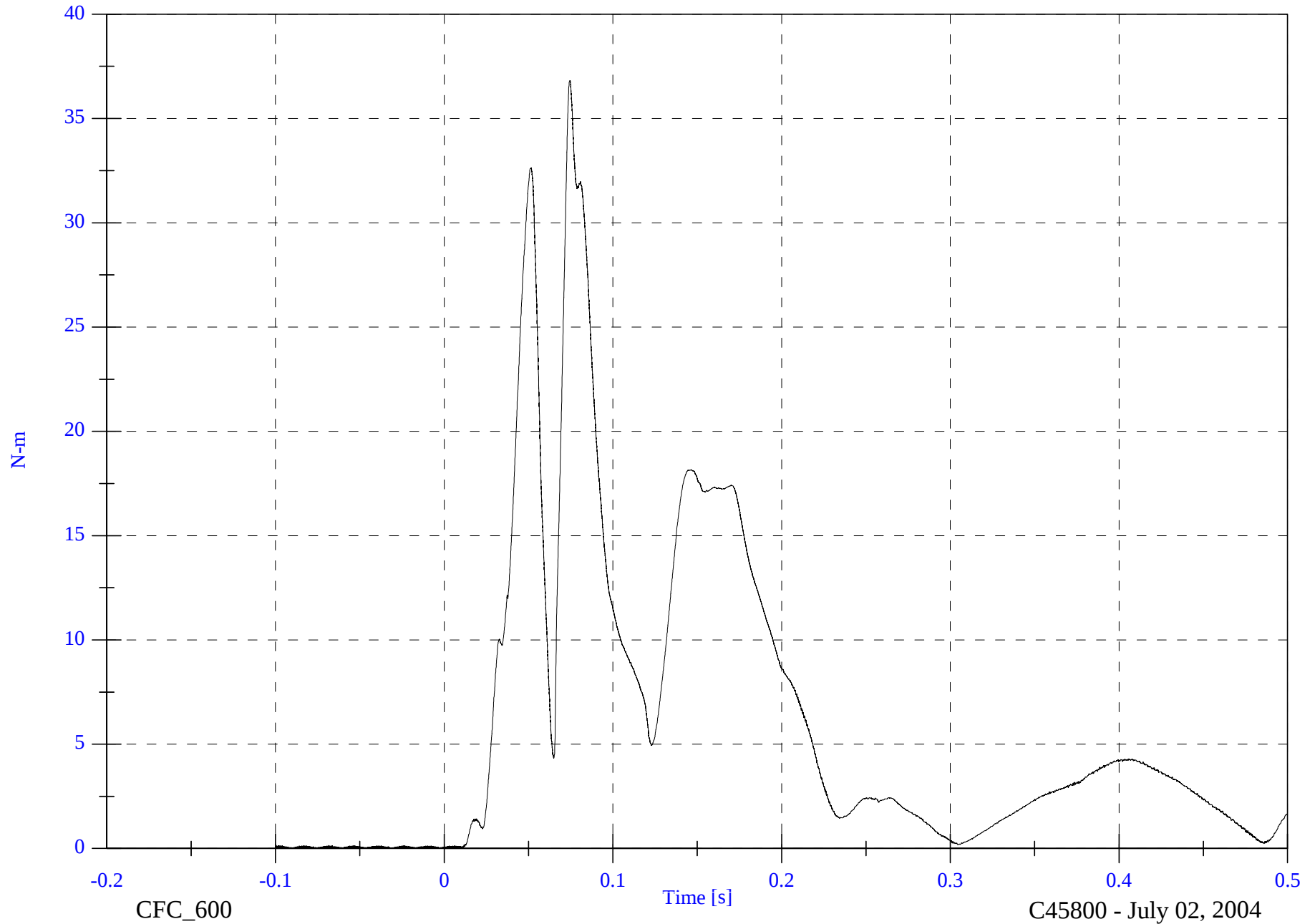


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Upper Neck M Resultant

Max: 36.8 [N-m] at 0.075 [s]

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



B-65

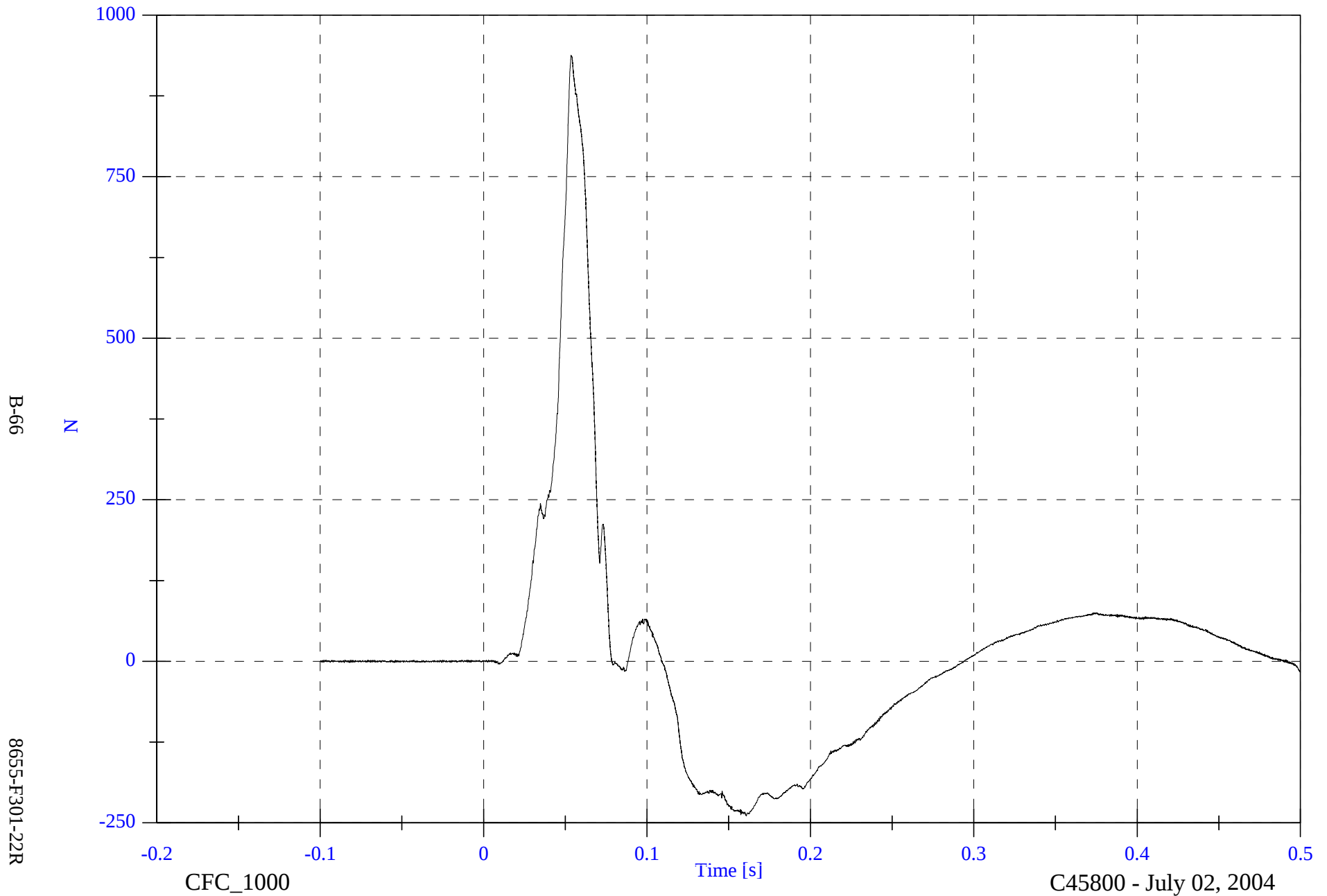
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck Fx

Max: 937.6 [N] at 0.054 [s]

Min: -239.0 [N] at 0.161 [s]

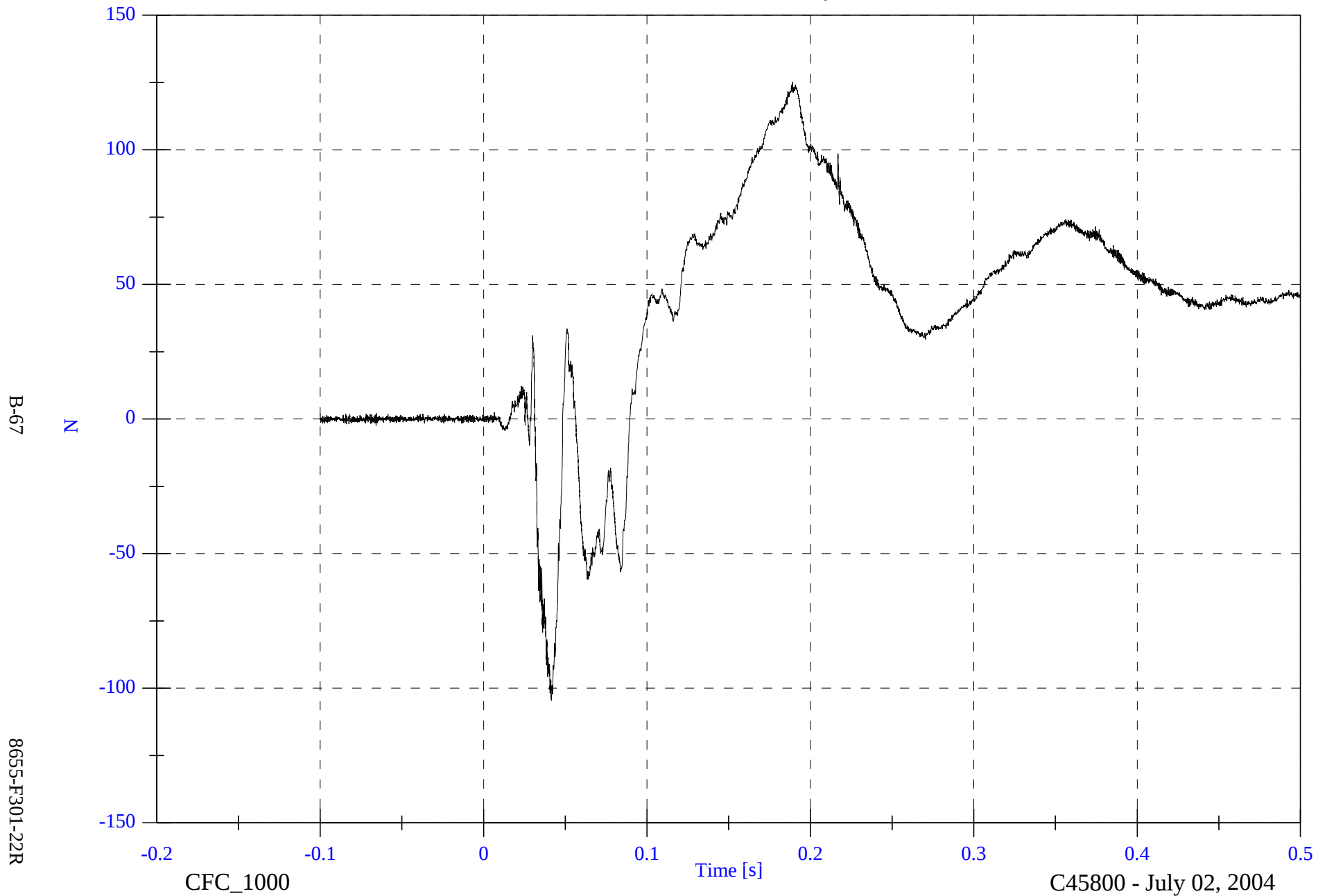


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck Fy

Max: 125.0 [N] at 0.189 [s]

Min: -104.5 [N] at 0.042 [s]

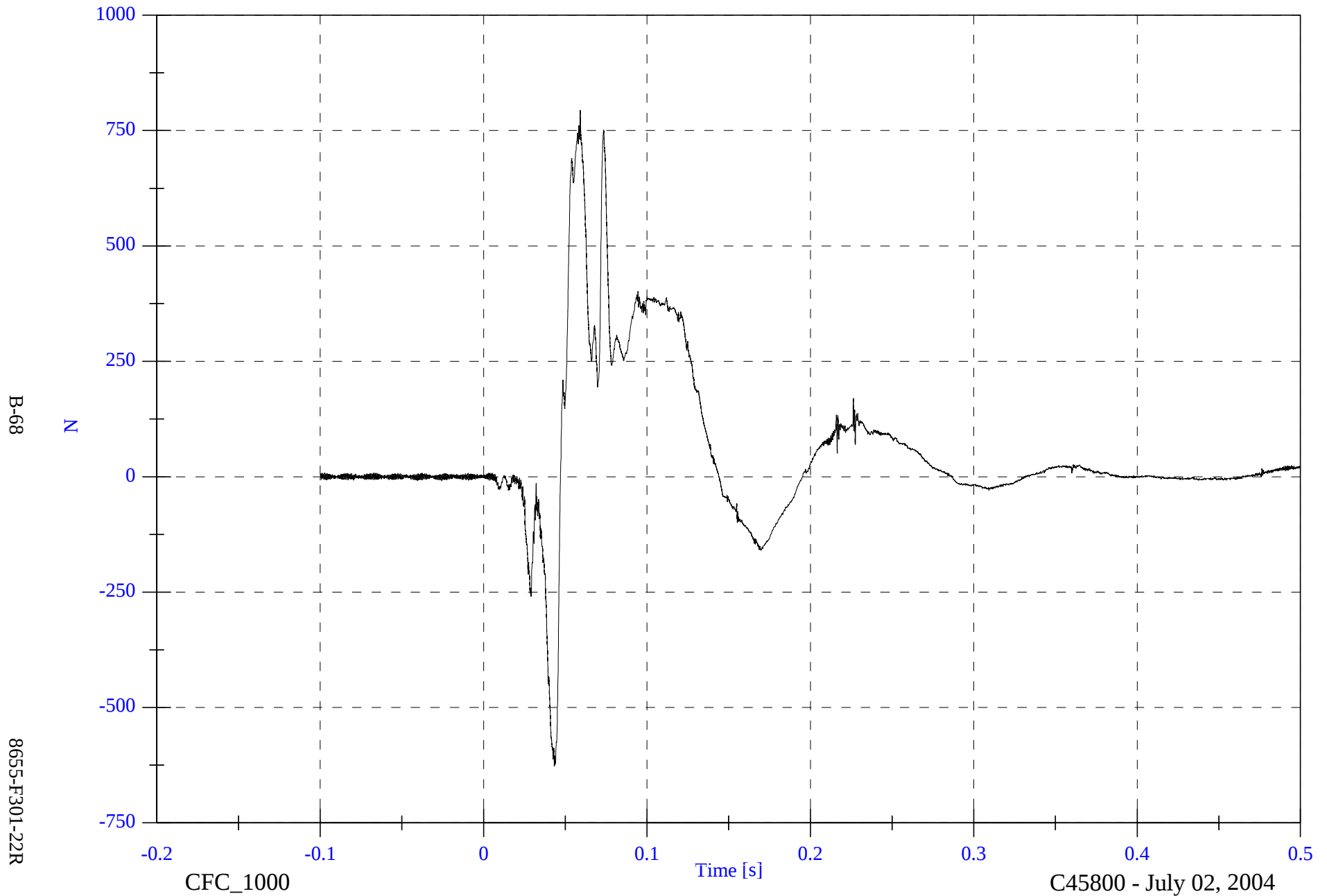


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck Fz

Max: 793.2 [N] at 0.059 [s]

Min: -627.2 [N] at 0.043 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

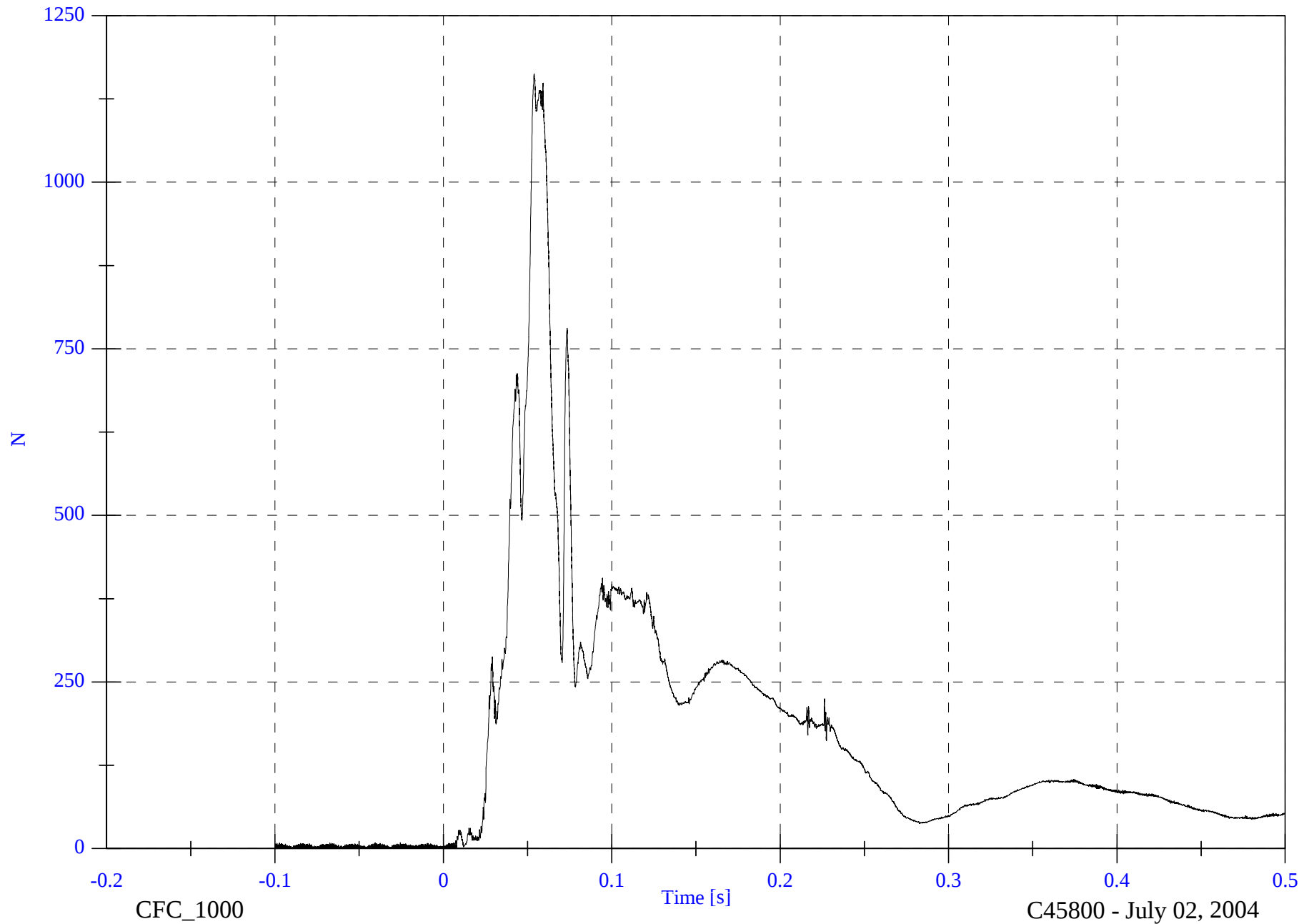
V2P3 Lower Neck F Resultant

Max: 1162.4 [N] at 0.054 [s]

Min: 0.1 [N] at -0.019 [s]

B-69

8655-F301-22R

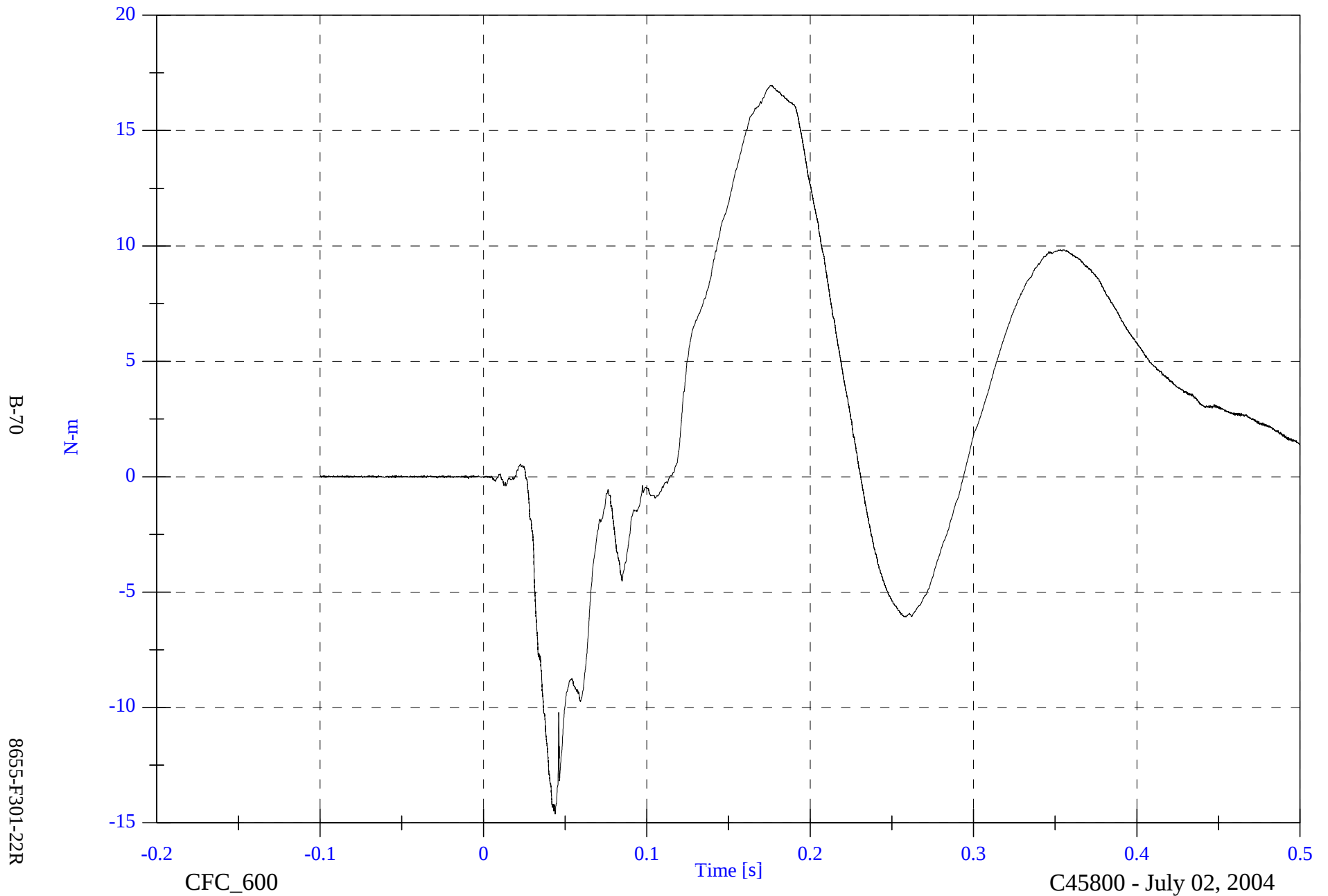


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck Mx

Max: 17.0 [N-m] at 0.176 [s]

Min: -14.6 [N-m] at 0.044 [s]

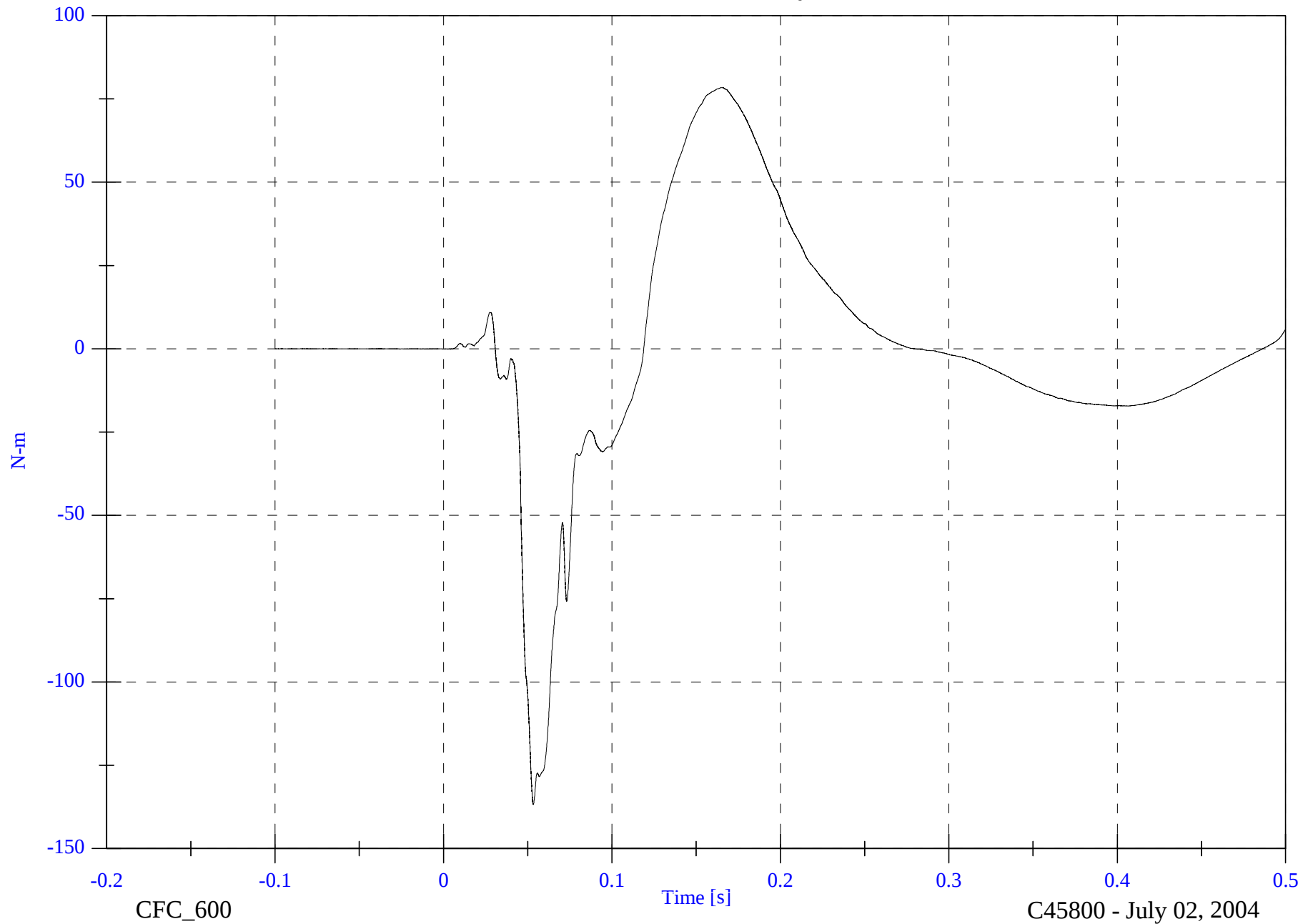


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck My

Max: 78.4 [N-m] at 0.165 [s]

Min: -136.8 [N-m] at 0.053 [s]



B-71

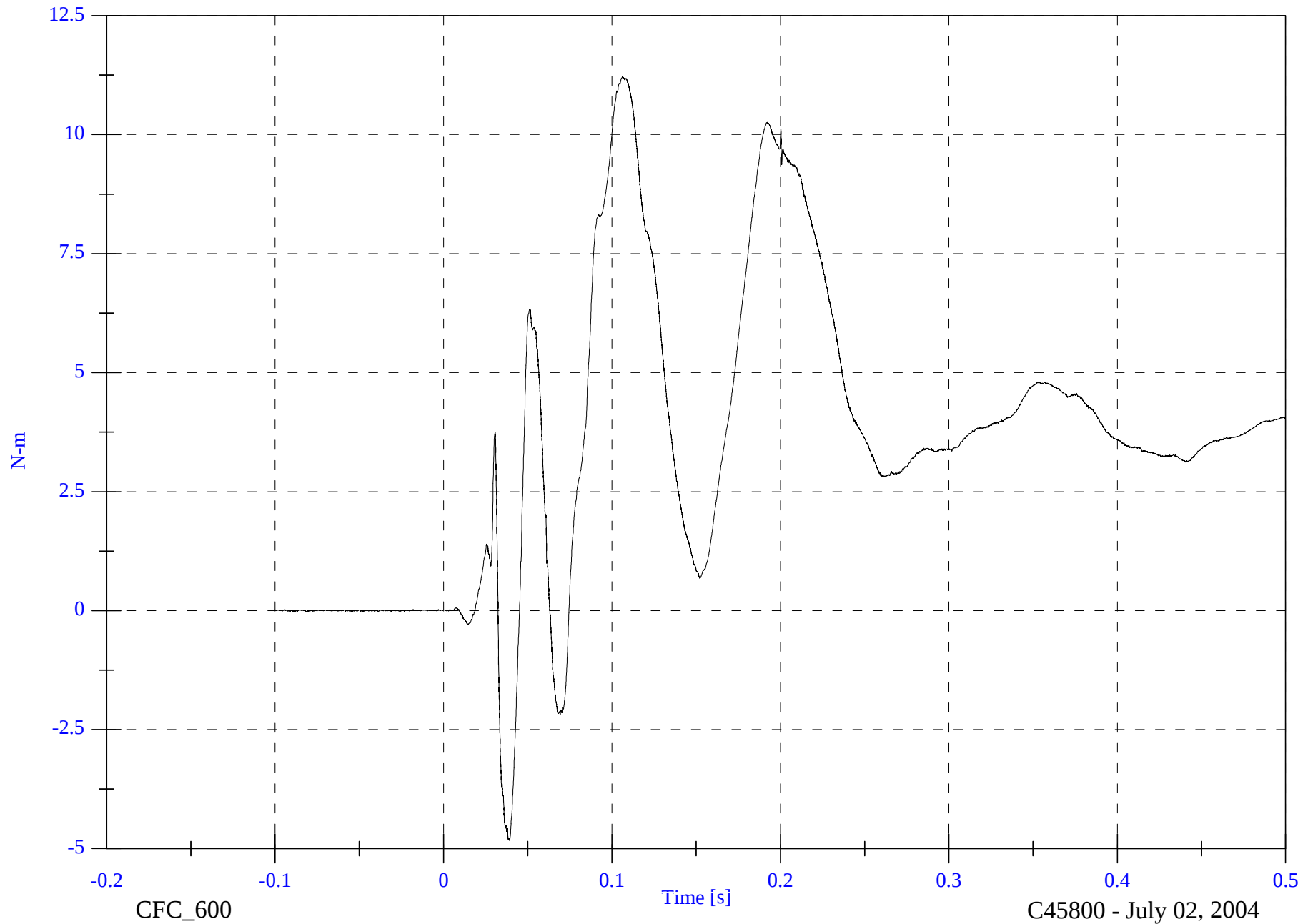
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck Mz

Max: 11.2 [N-m] at 0.106 [s]

Min: -4.8 [N-m] at 0.039 [s]



B-72

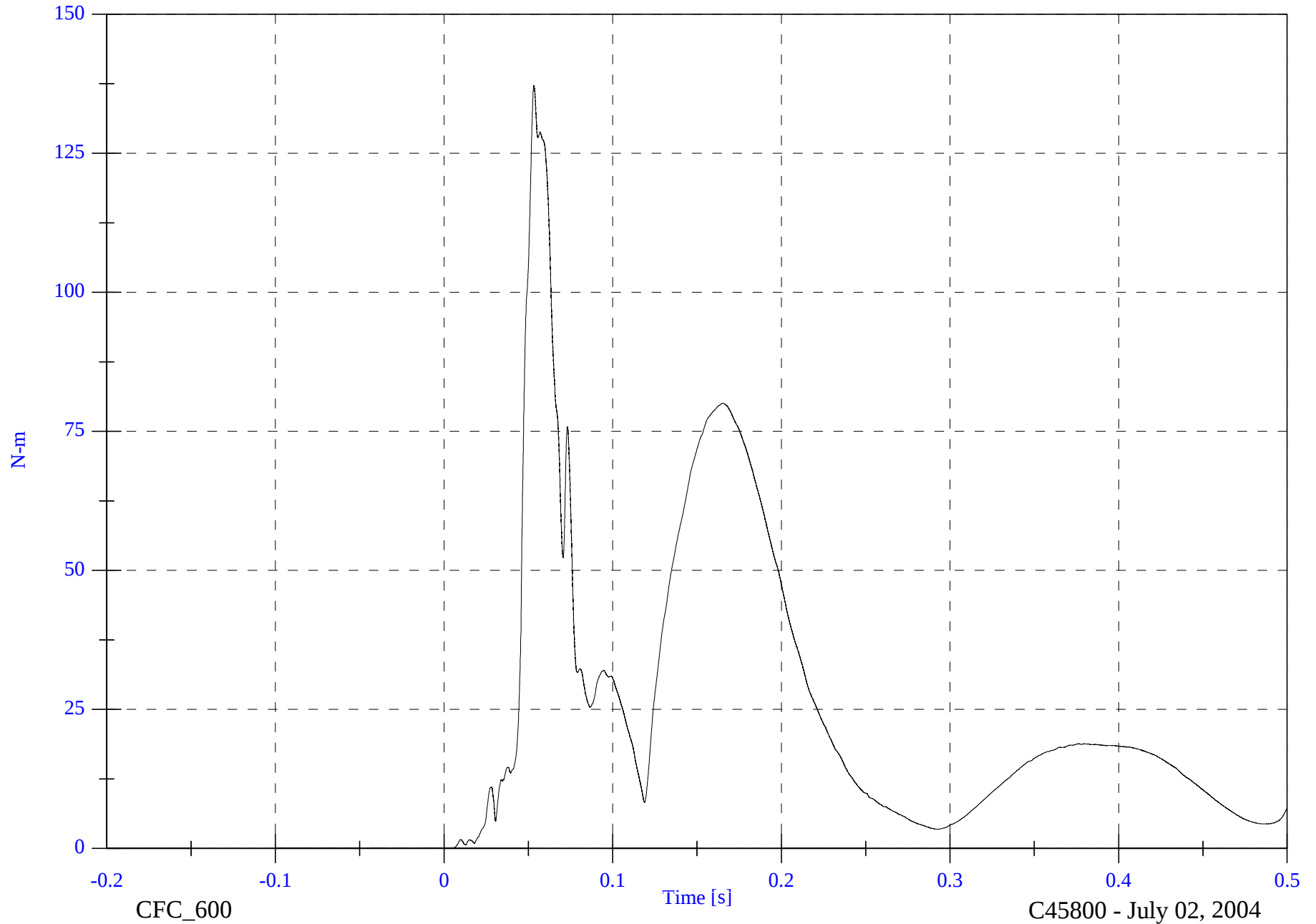
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck M Resultant

Max: 137.2 [N-m] at 0.053 [s]

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



B-73

8655-F301-22R

CFC_600

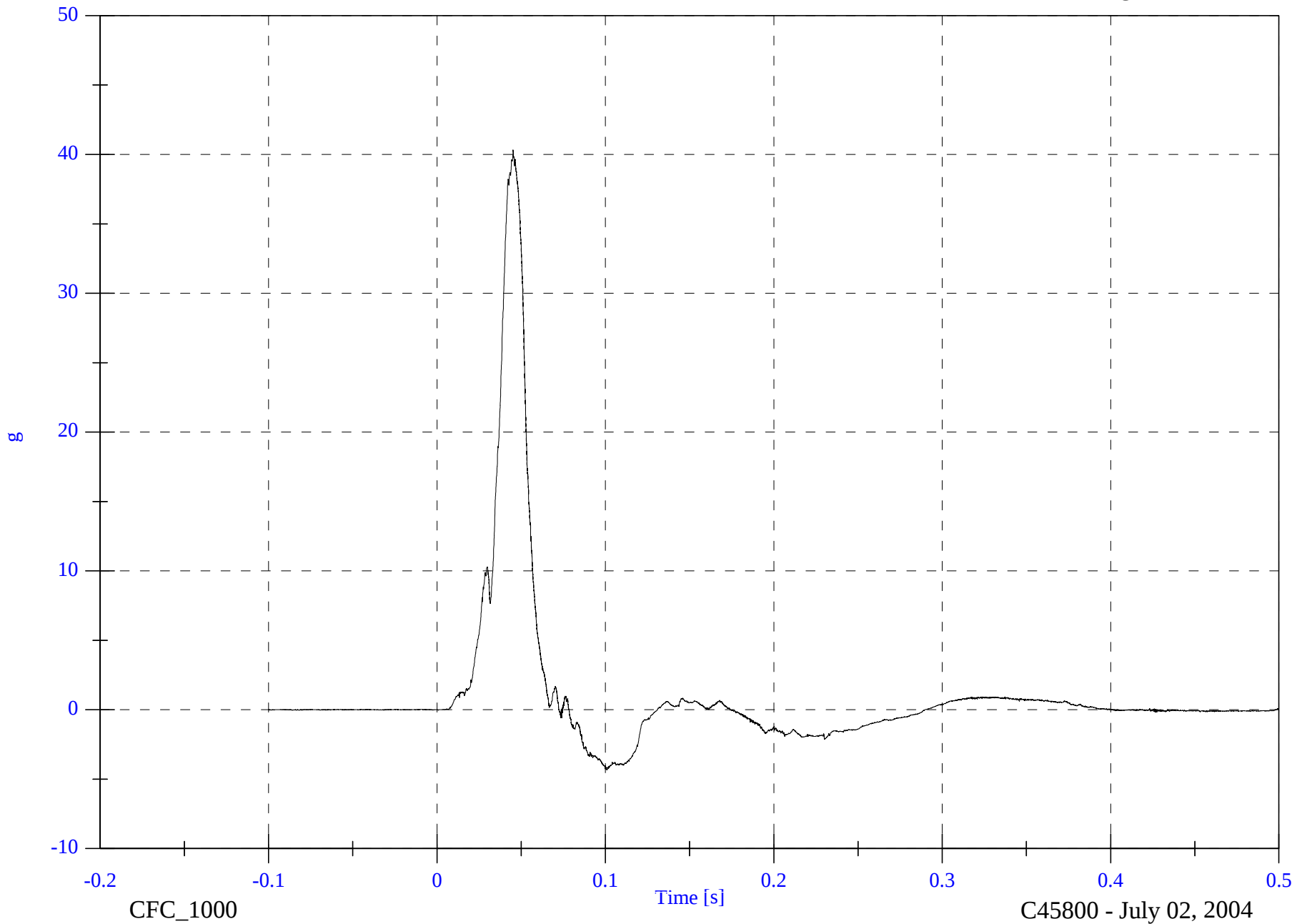
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lower Neck x

Max: 40.3 [g] at 0.045 [s]

Min: -4.3 [g] at 0.101 [s]



B-74

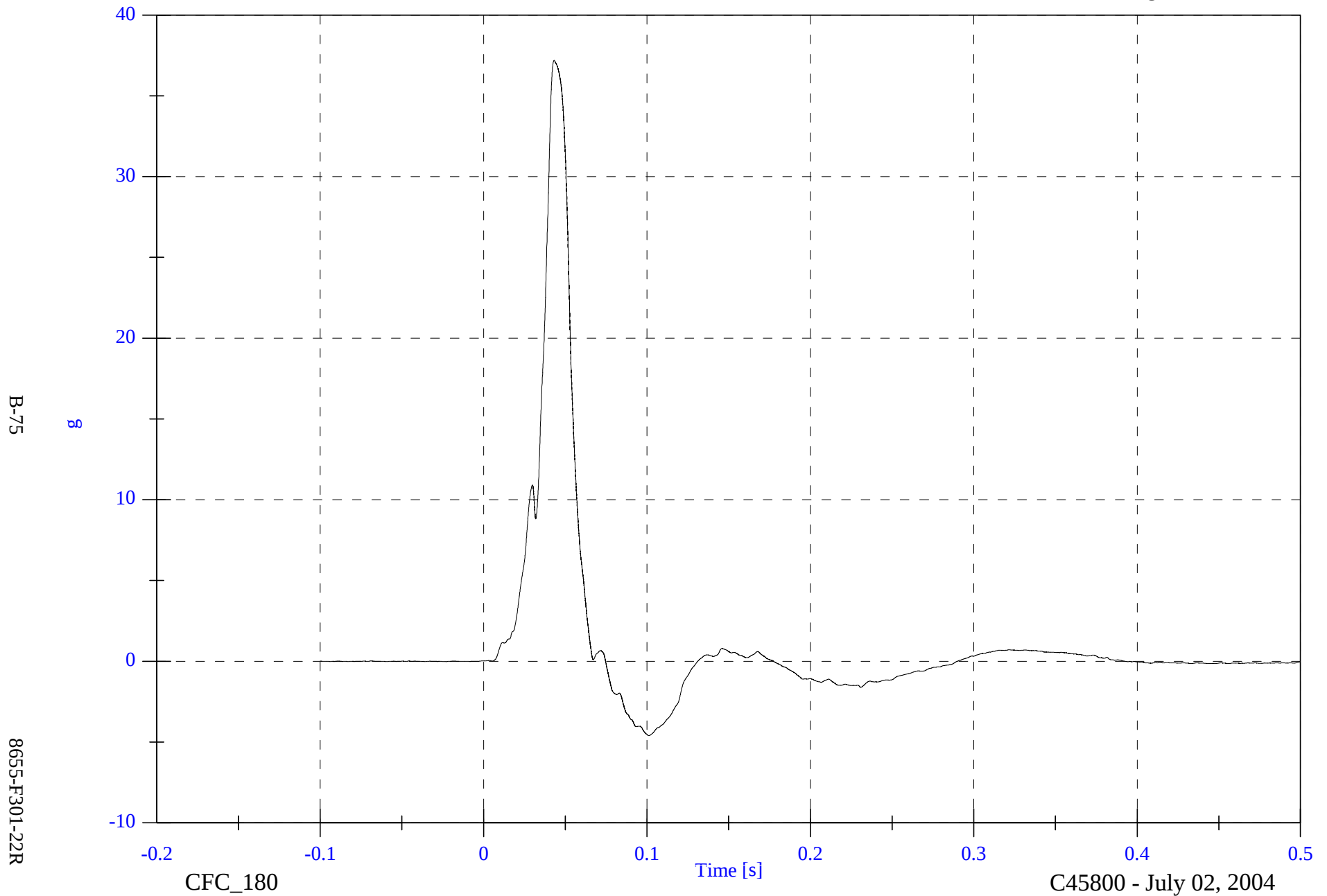
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest x

Max: 37.2 [g] at 0.043 [s]

Min: -4.6 [g] at 0.101 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

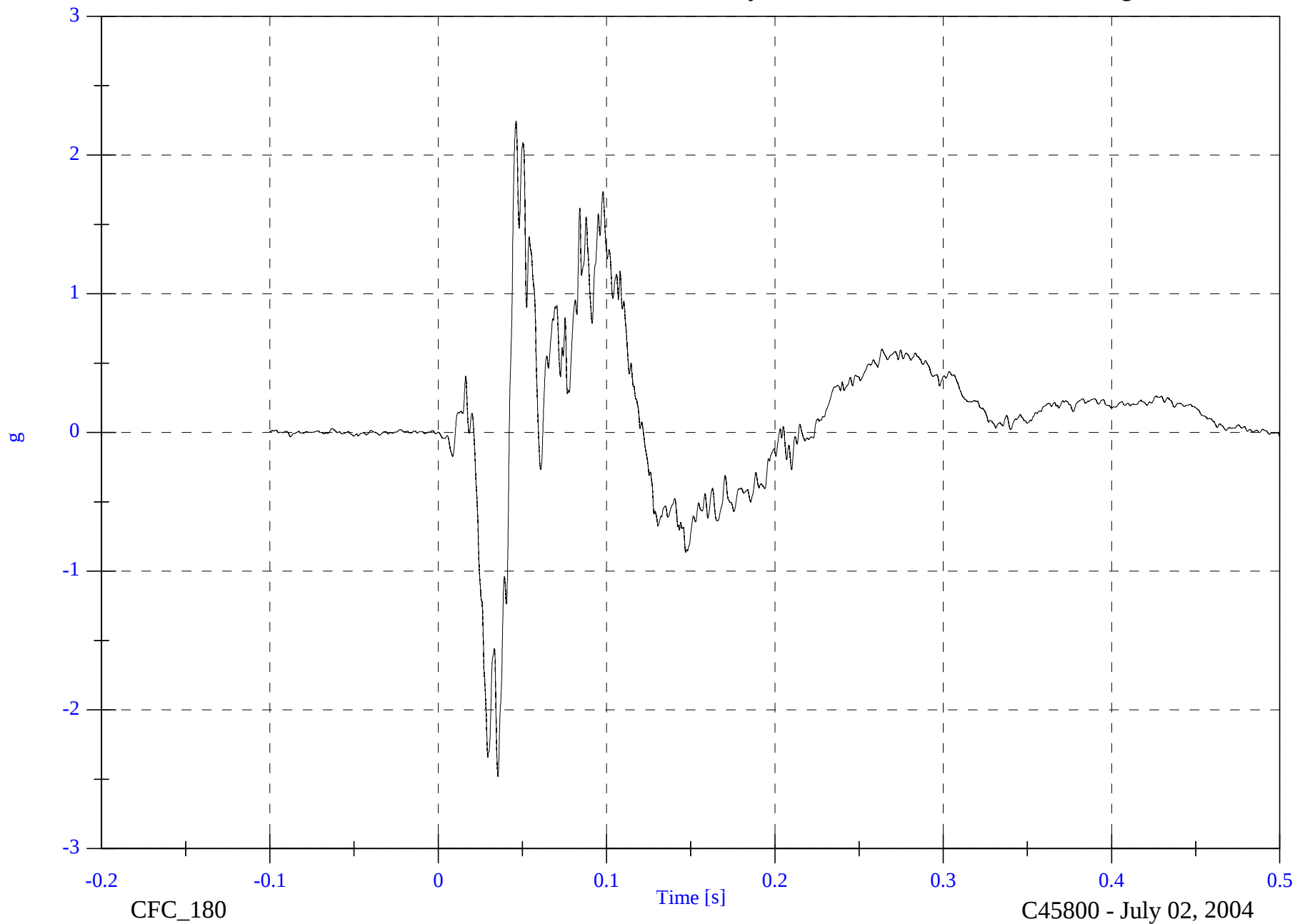
V2P3 Chest y

Max: 2.2 [g] at 0.046 [s]

Min: -2.5 [g] at 0.035 [s]

B-76

8655-F301-22R

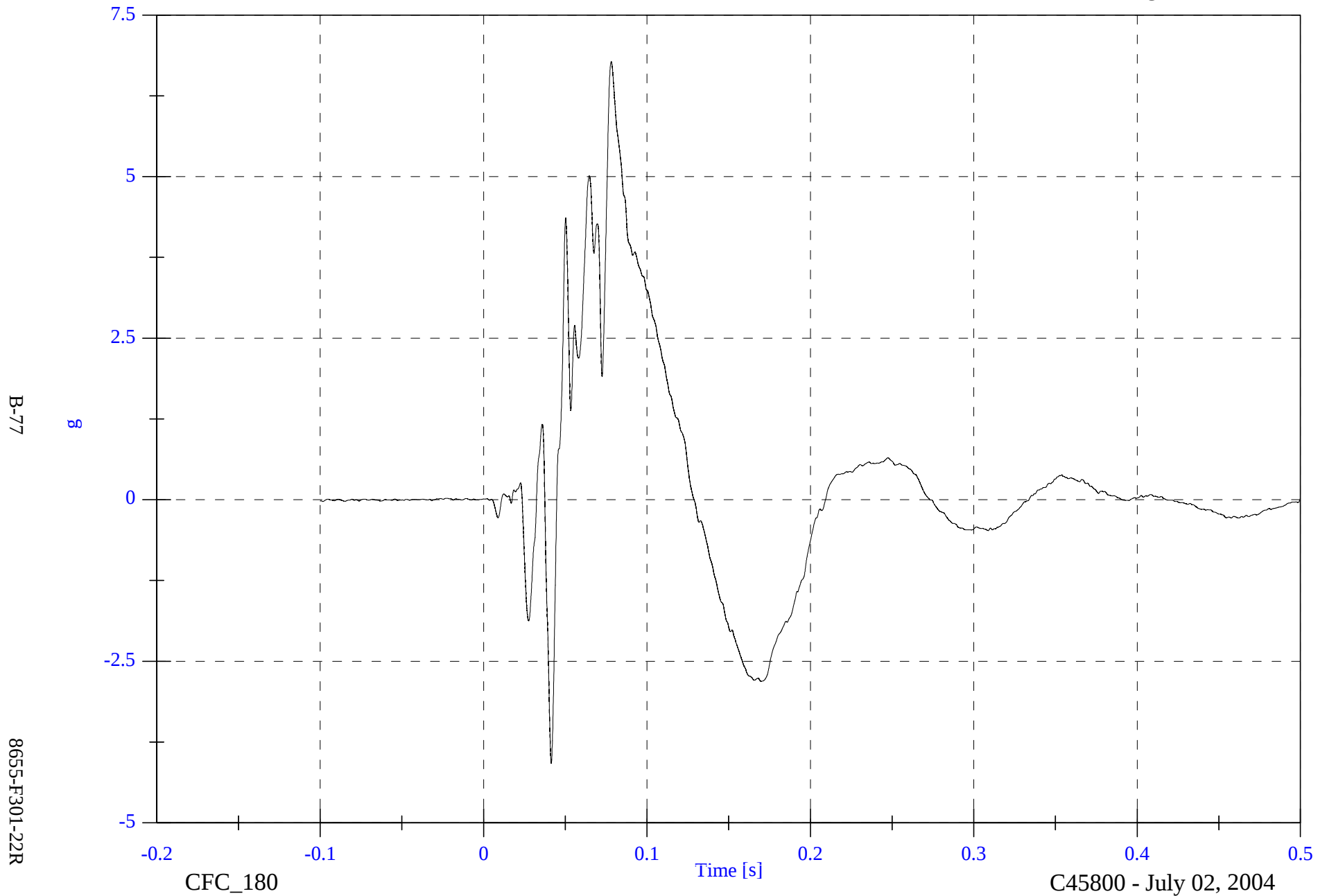


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest z

Max: 6.8 [g] at 0.078 [s]

Min: -4.1 [g] at 0.041 [s]

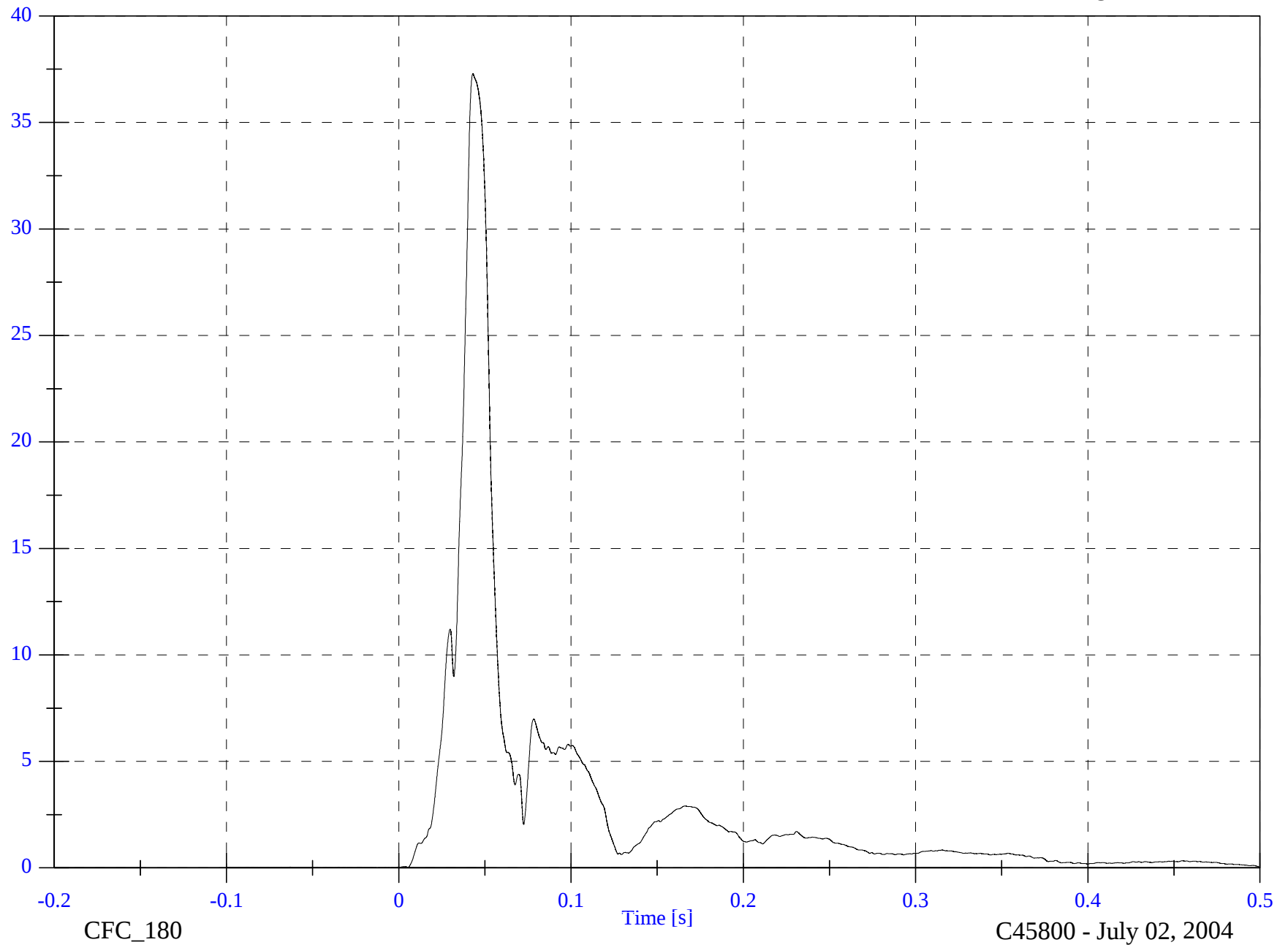


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest Resultant

Max: 37.3 [g] at 0.043 [s]

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



B-78

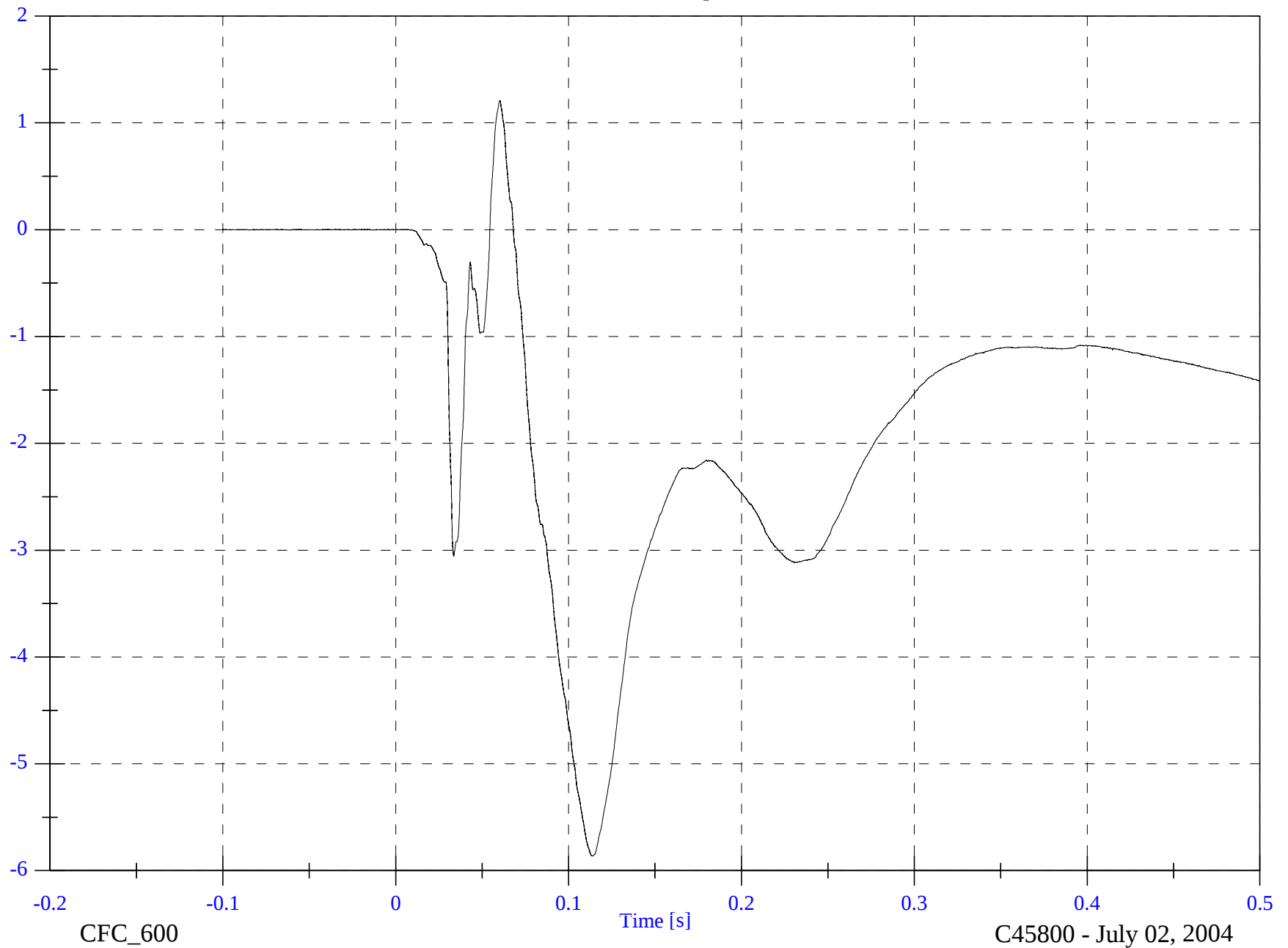
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest Compression

Max: 1.2 [mm] at 0.060 [s]

Min: -5.9 [mm] at 0.114 [s]



B-79

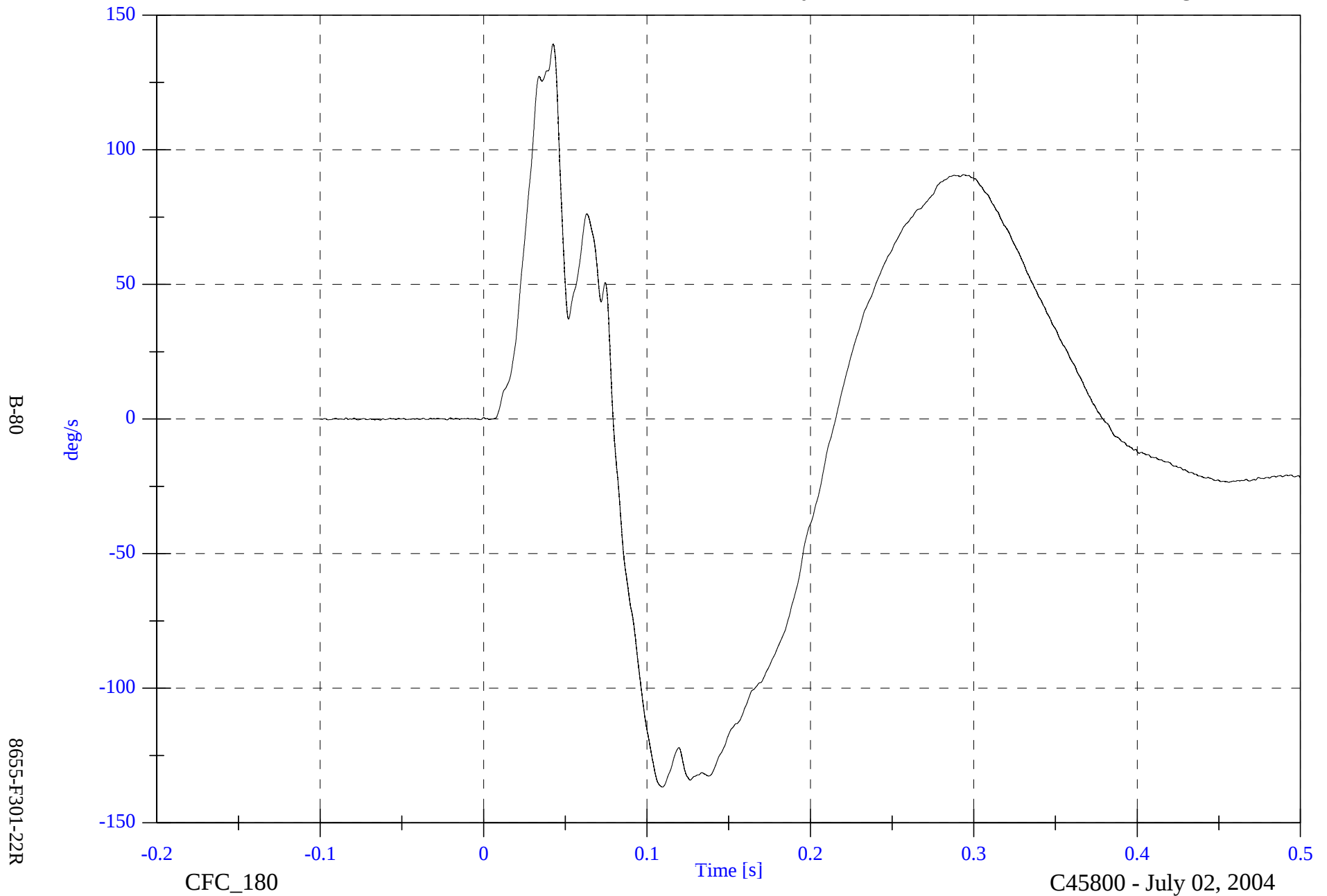
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest AVy

Max: 139.3 [deg/s] at 0.043 [s]

Min: -136.7 [deg/s] at 0.110 [s]

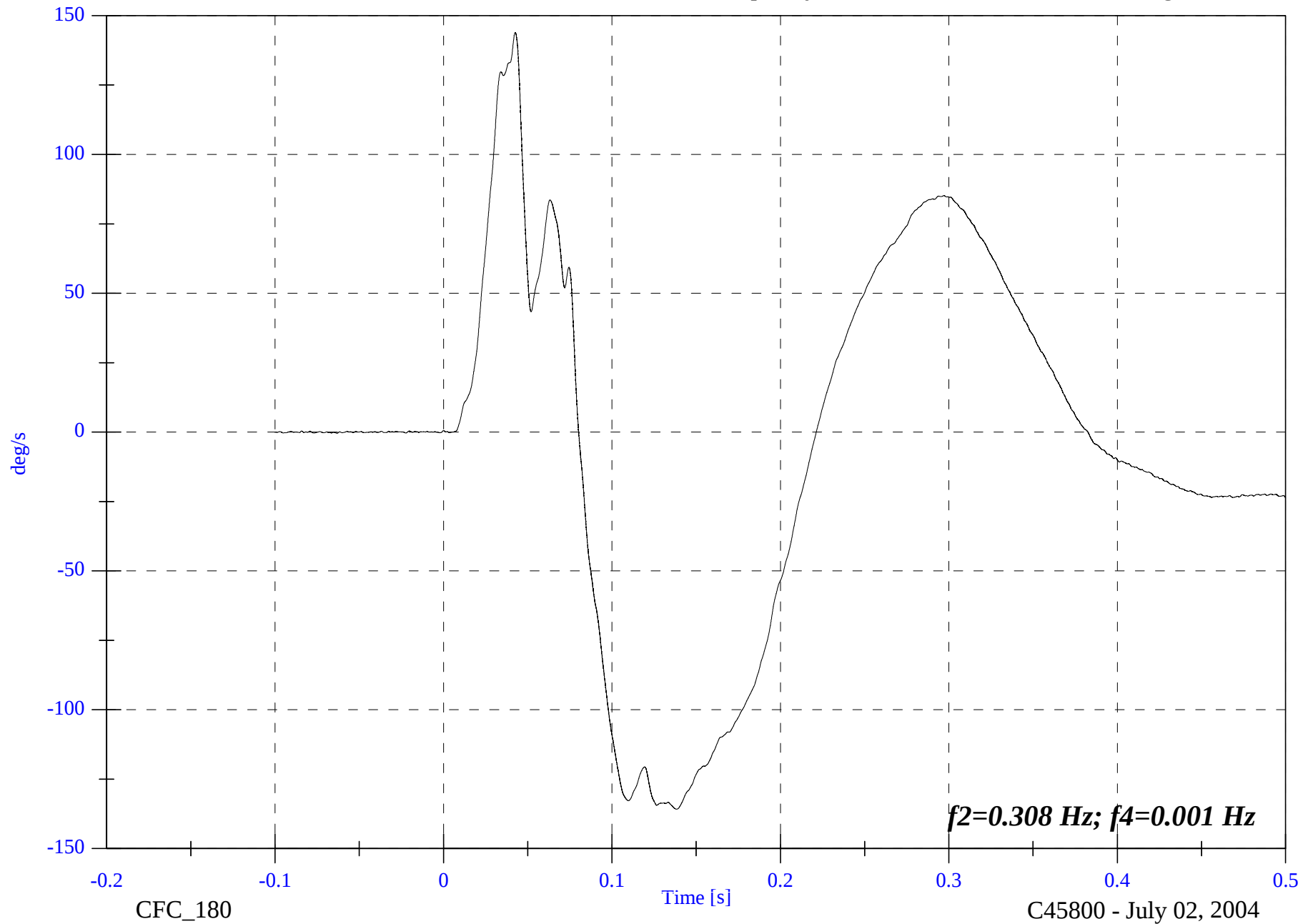


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest Comp AVy

Max: 143.9 [deg/s] at 0.043 [s]

Min: -135.8 [deg/s] at 0.138 [s]



B-81

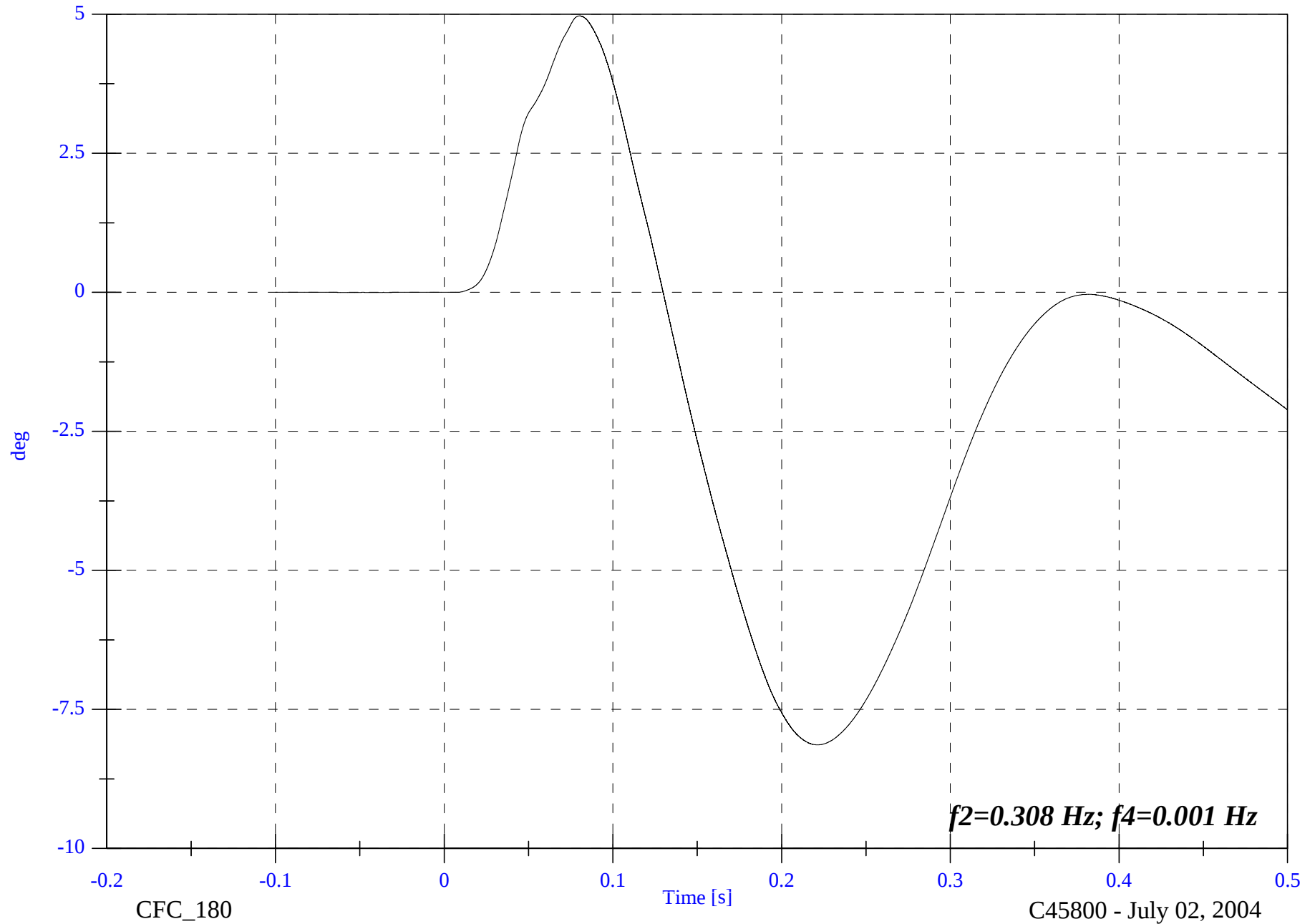
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Chest Comp ADy

Max: 5.0 [deg] at 0.080 [s]

Min: -8.1 [deg] at 0.221 [s]



B-82

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

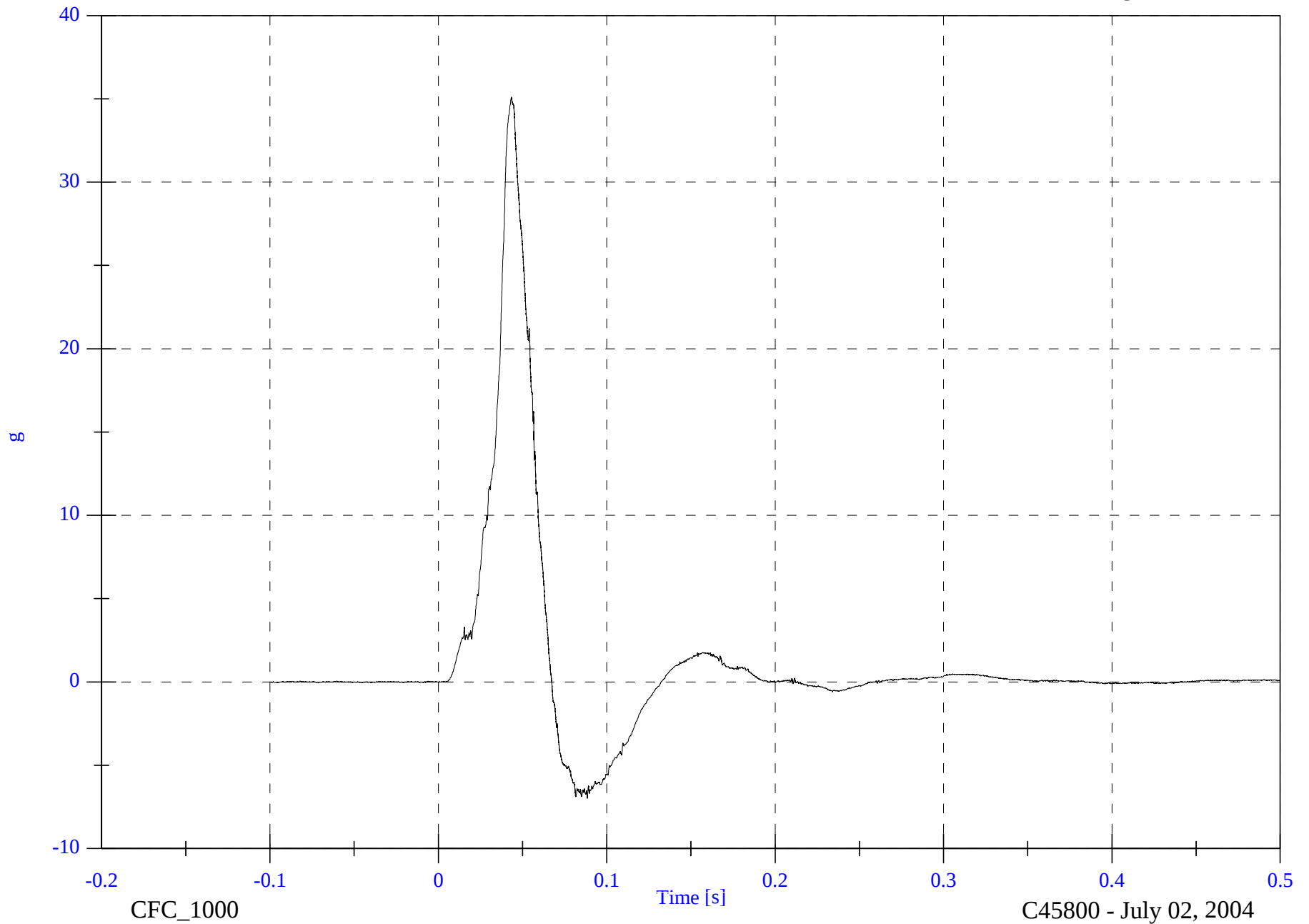
V2P3 Pelvic x

Max: 35.1 [g] at 0.043 [s]

Min: -7.0 [g] at 0.088 [s]

B-83

8655-F301-22R

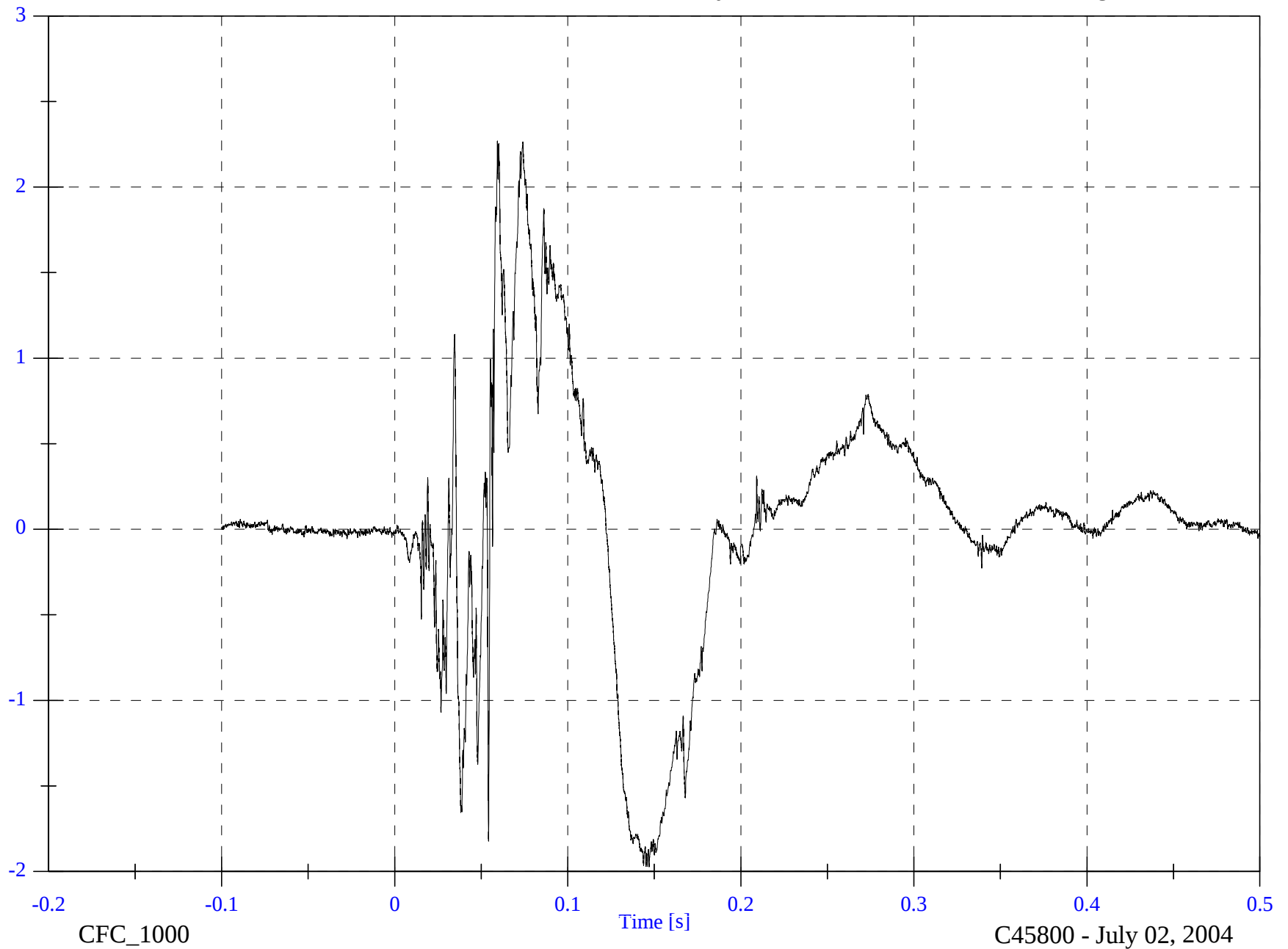


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Pelvic y

Max: 2.3 [g] at 0.059 [s]

Min: -2.0 [g] at 0.147 [s]



B-84

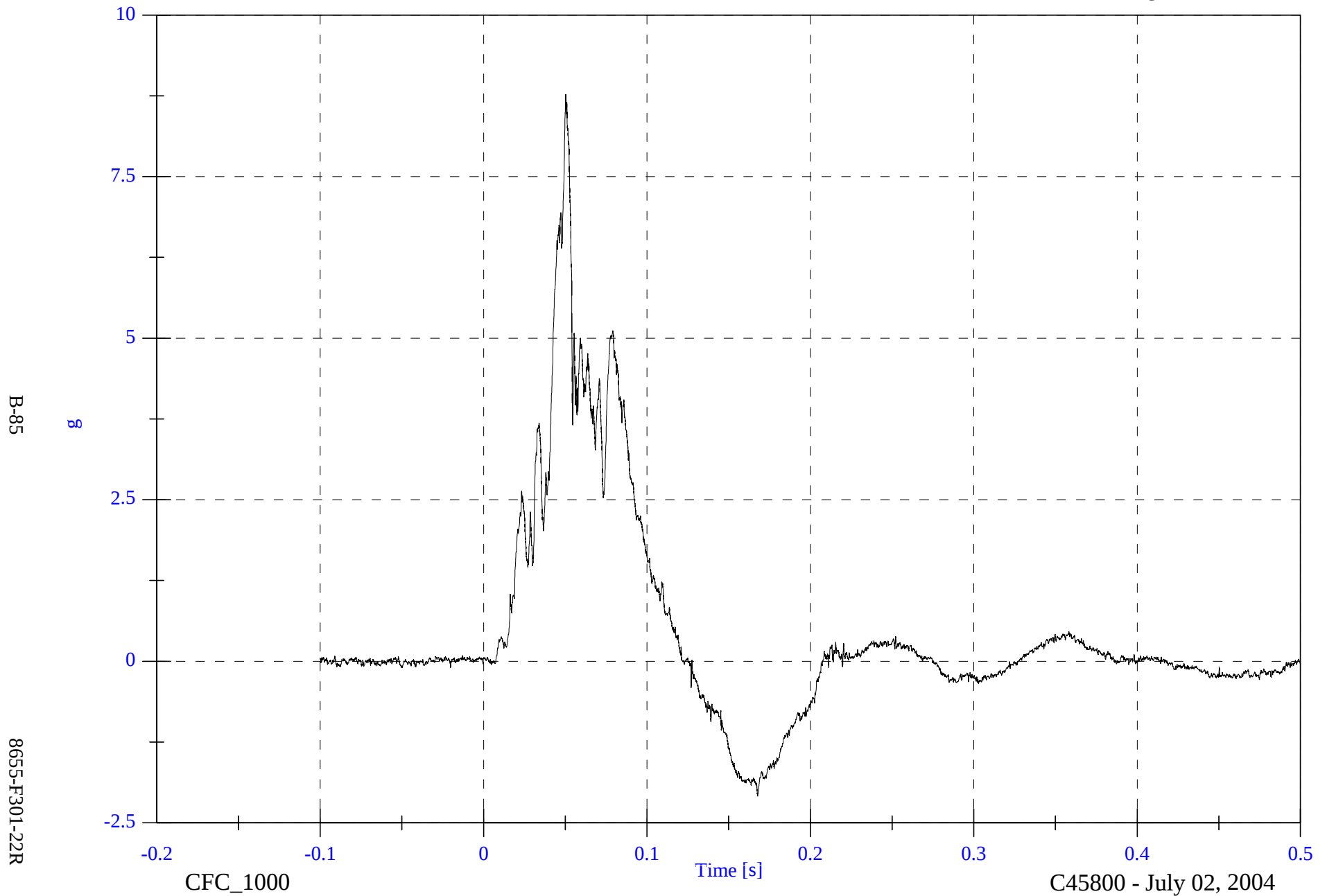
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Pelvic z

Max: 8.8 [g] at 0.050 [s]

Min: -2.1 [g] at 0.168 [s]

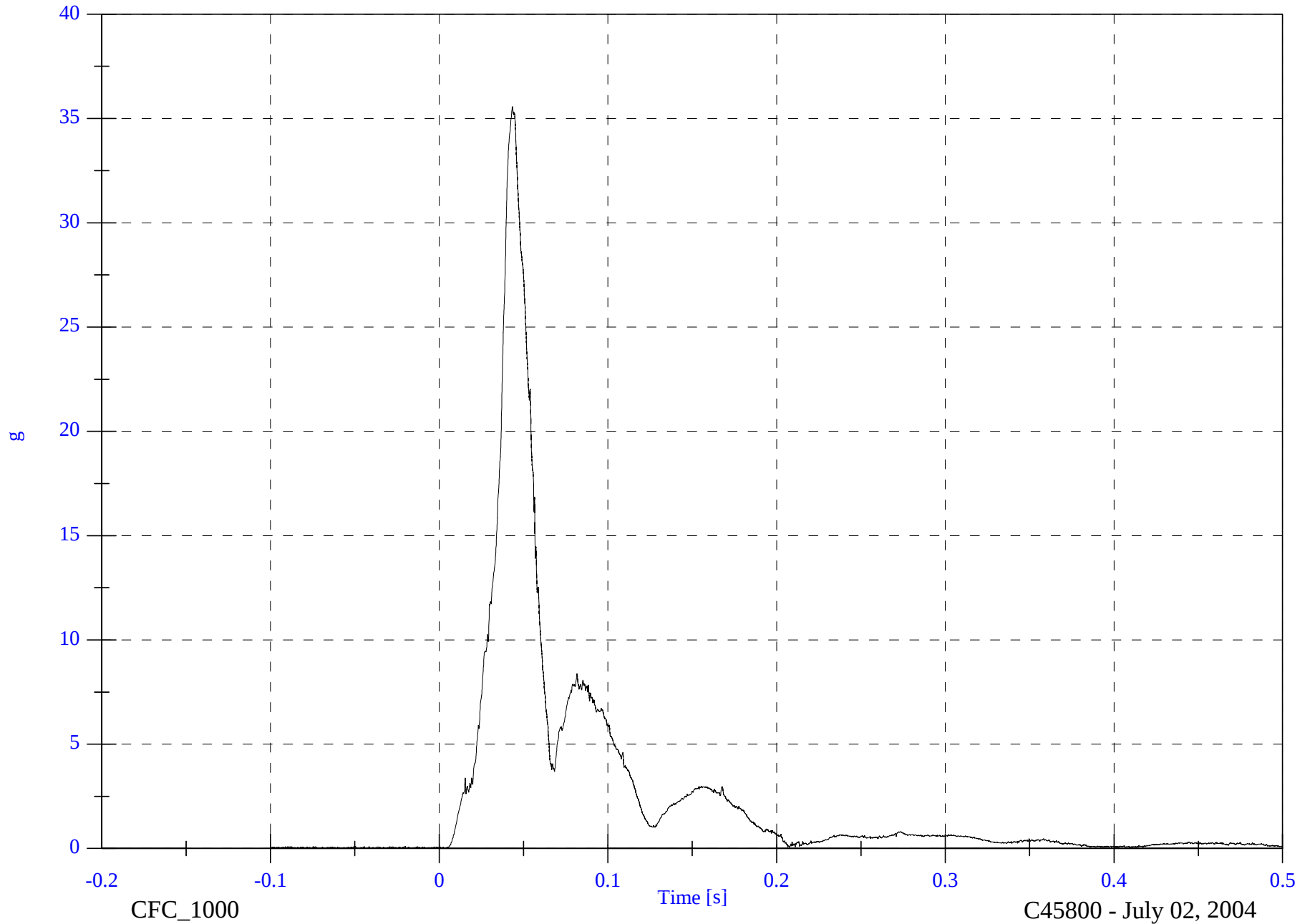


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Pelvic Resultant

Max: 35.6 [g] at 0.043 [s]

Min: 0.0 [g] at -0.100 [s]



B-86

8655-F301-22R

CFC_1000

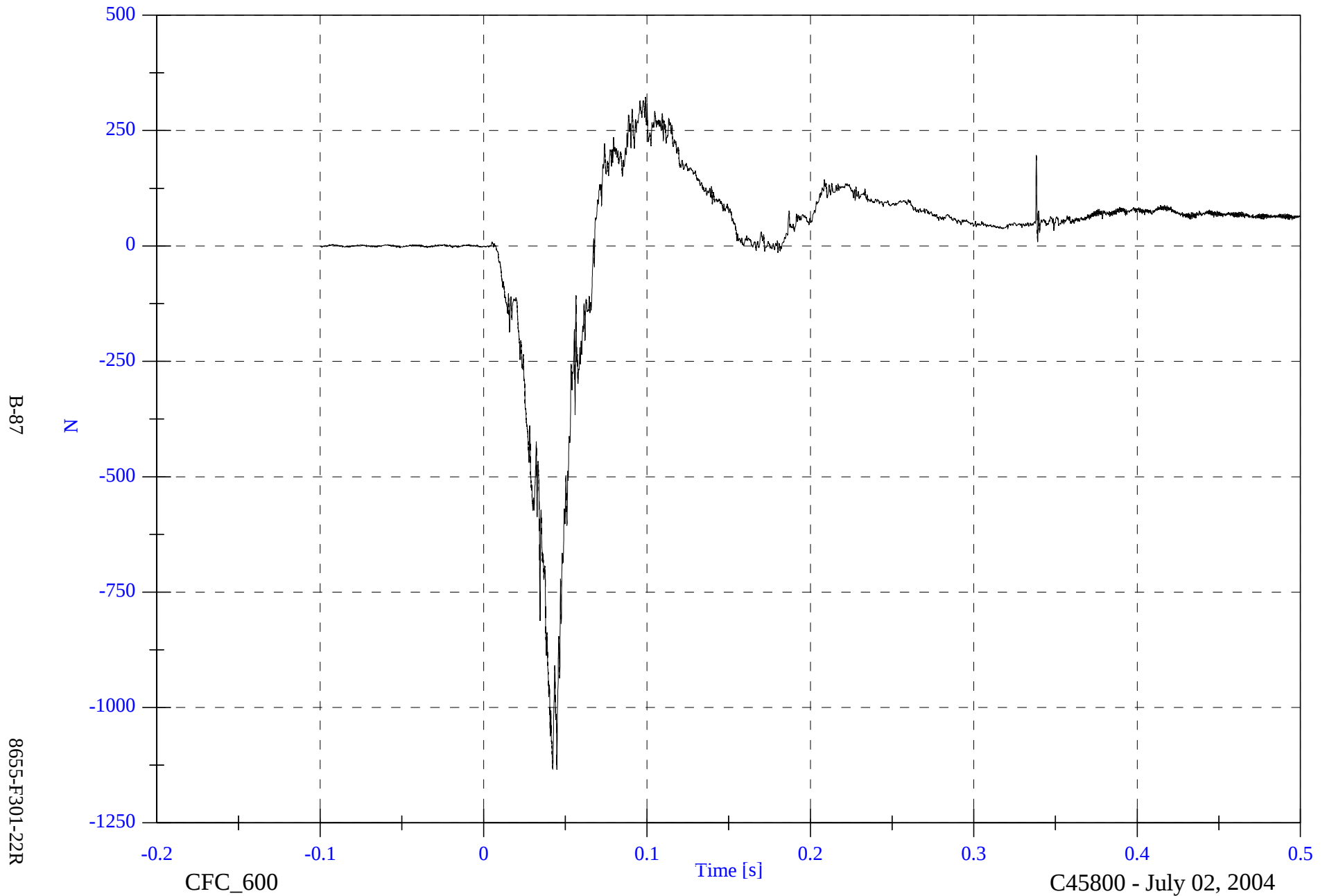
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Left Femur

Max: 322.0 [N] at 0.099 [s]

Min: -1134.3 [N] at 0.045 [s]

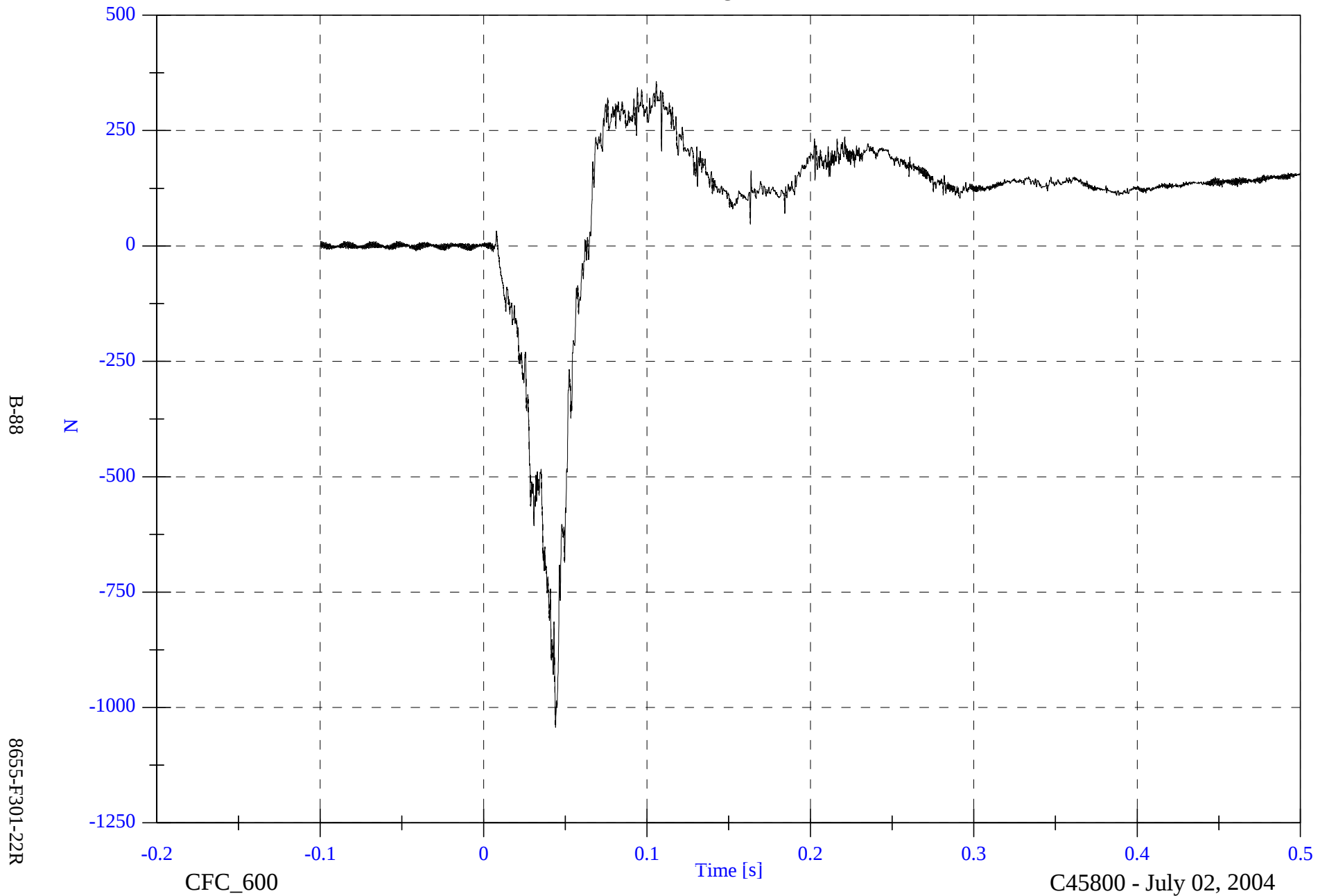


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Right Femur

Max: 356.2 [N] at 0.106 [s]

Min: -1043.2 [N] at 0.044 [s]

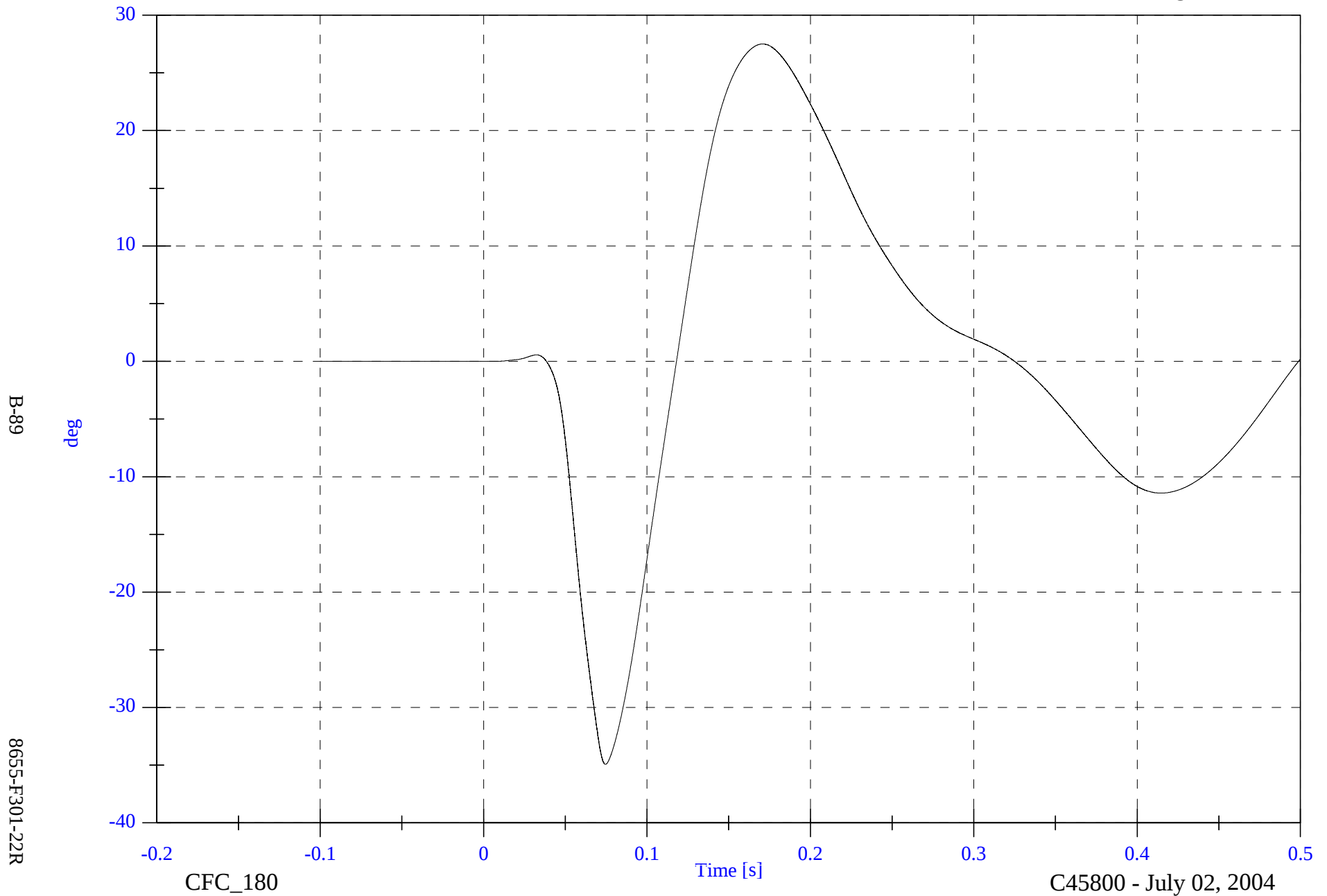


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Head to Chest

Max: 27.5 [deg] at 0.171 [s]

Min: -34.9 [deg] at 0.075 [s]

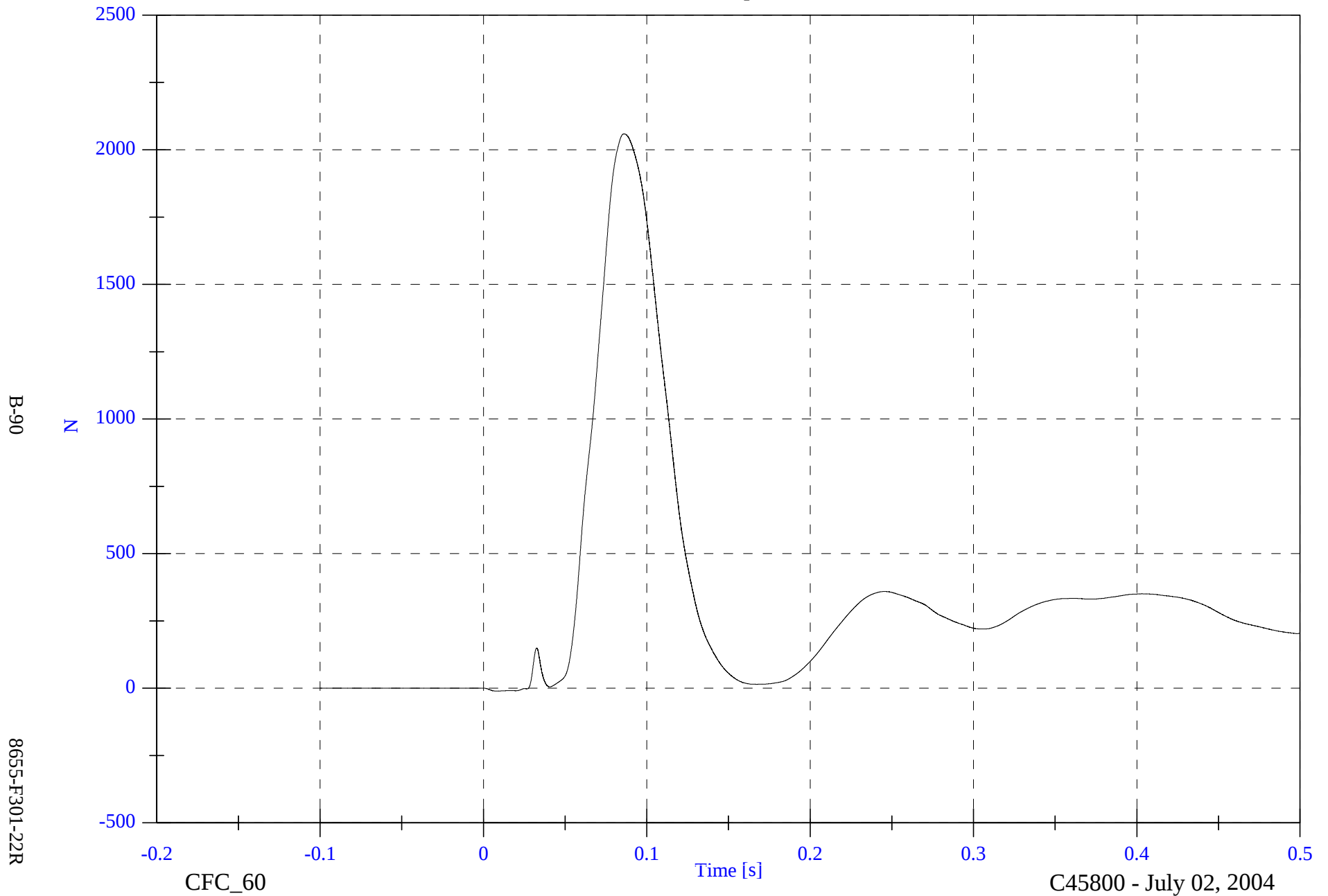


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Lap Belt

Max: 2059.2 [N] at 0.086 [s]

Min: -10.7 [N] at 0.008 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

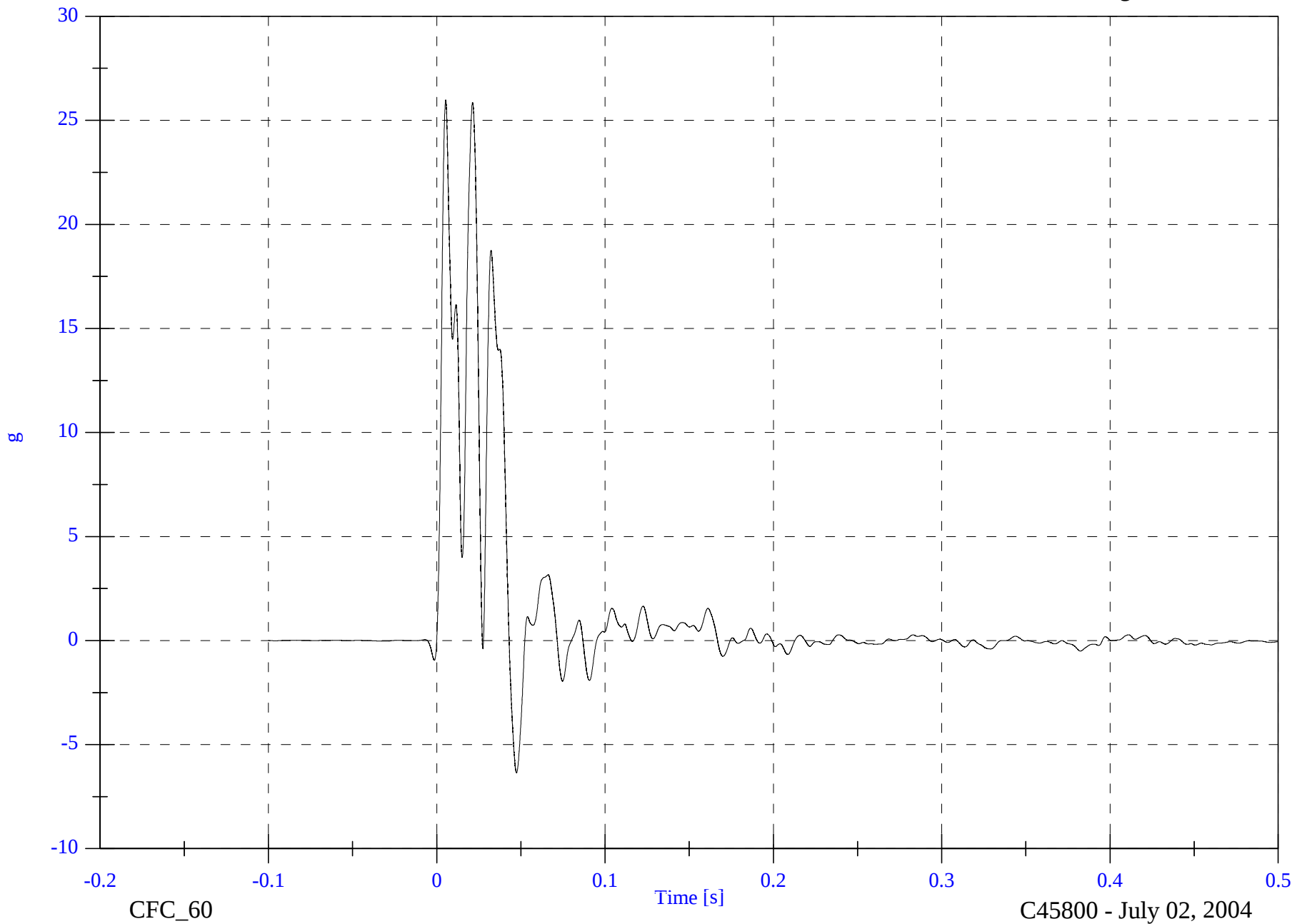
V2 Left X Member x

Max: 26.0 [g] at 0.005 [s]

Min: -6.4 [g] at 0.047 [s]

B-91

8655-F301-22R

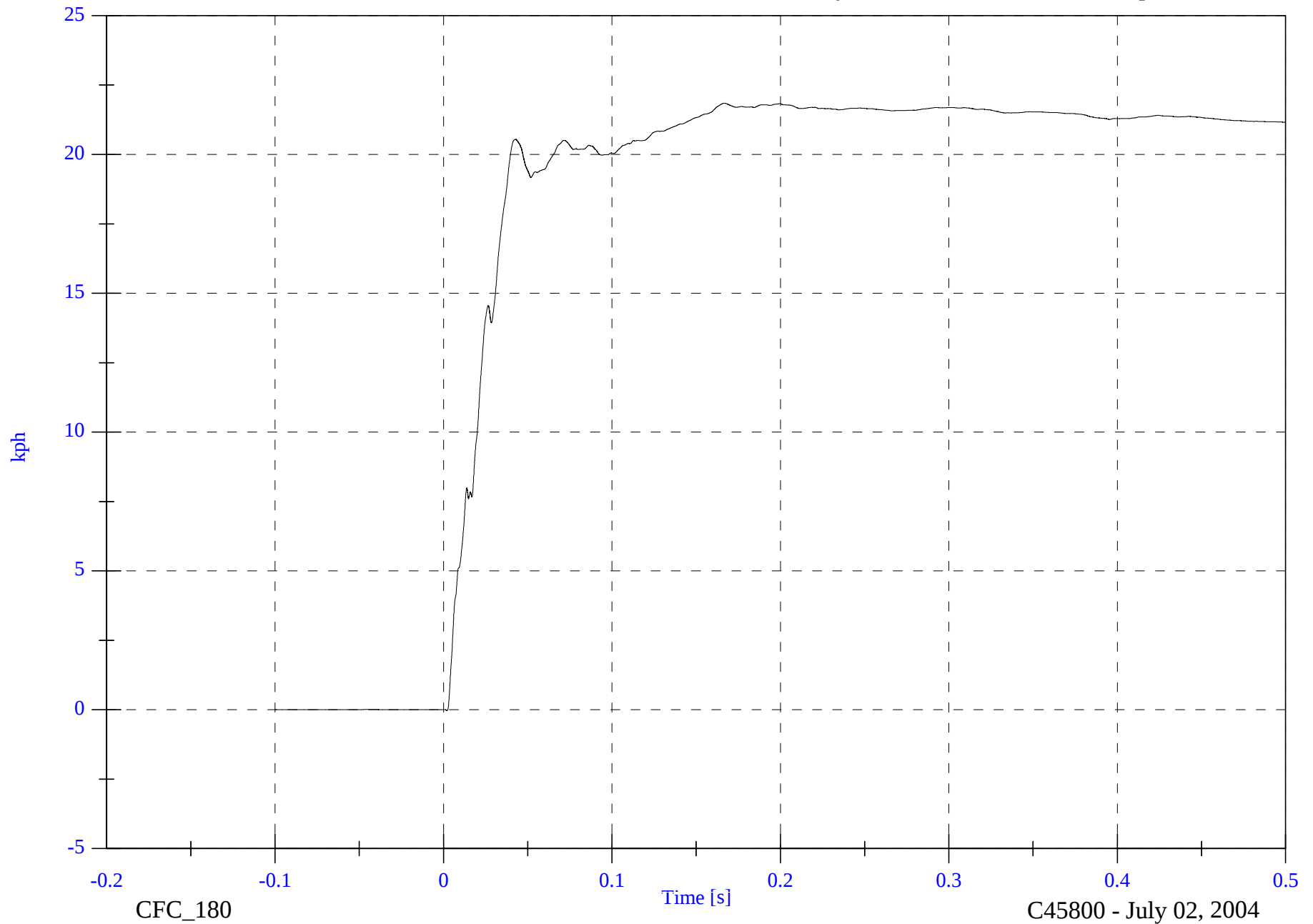


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left X Member x Velocity

Max: 21.8 [kph] at 0.167 [s]

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



B-92

8655-F301-22R

CFC_180

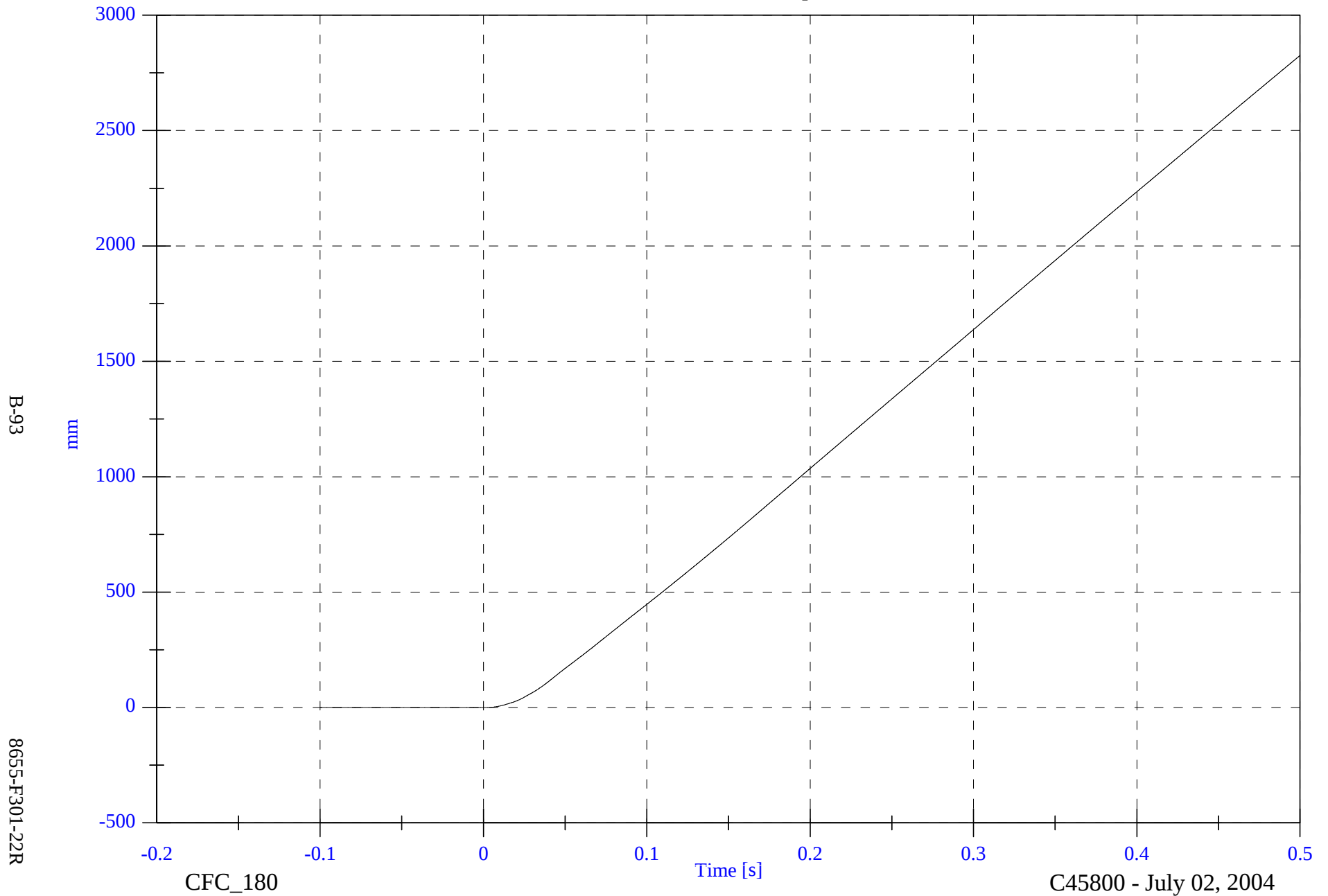
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left X Member x Displacement

Max: 2825.4 [mm] at 0.500 [s]

Min: -0.1 [mm] at -0.082 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

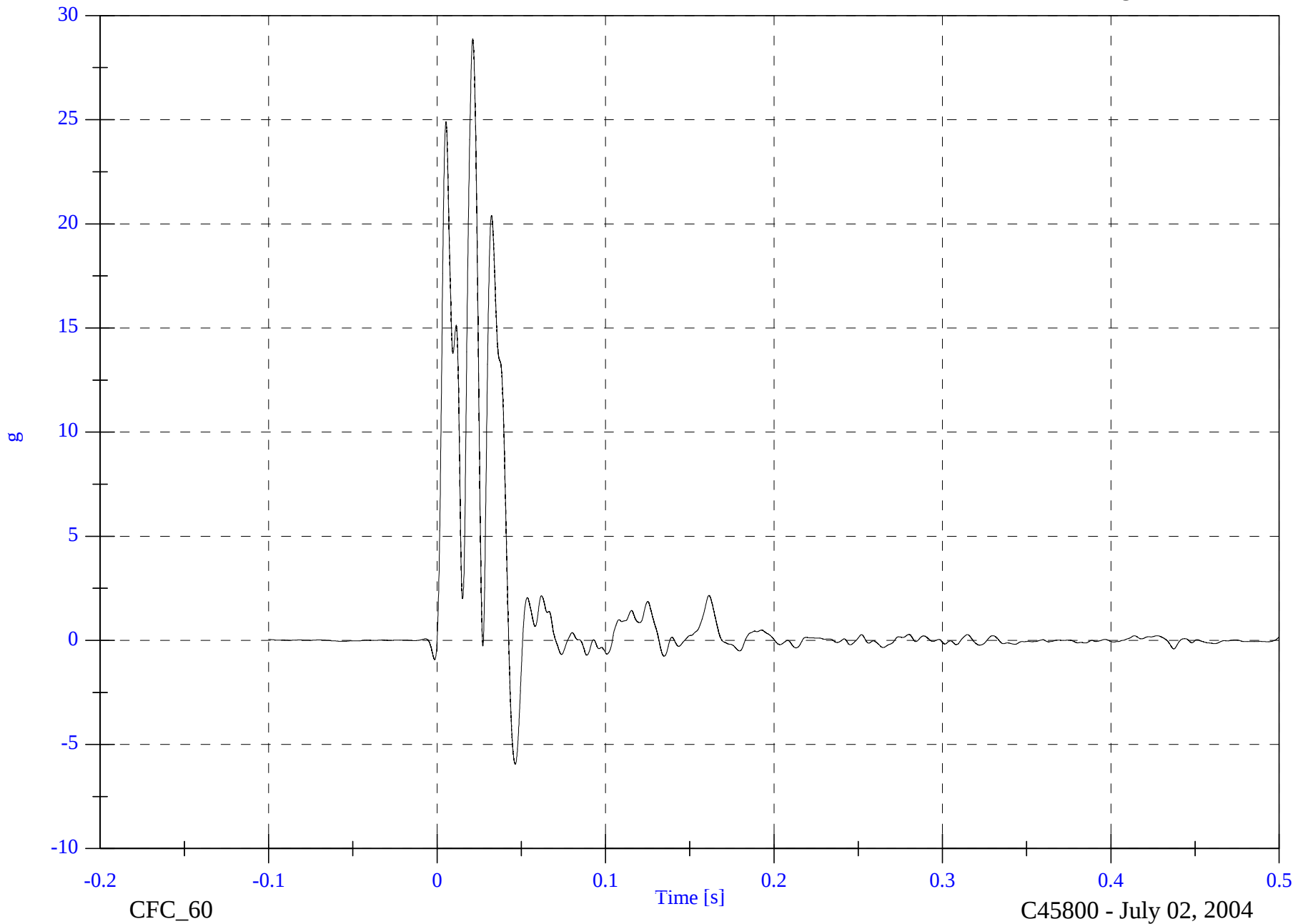
V2 Left X Member RED x

Max: 28.9 [g] at 0.021 [s]

Min: -5.9 [g] at 0.046 [s]

B-94

8655-F301-22R

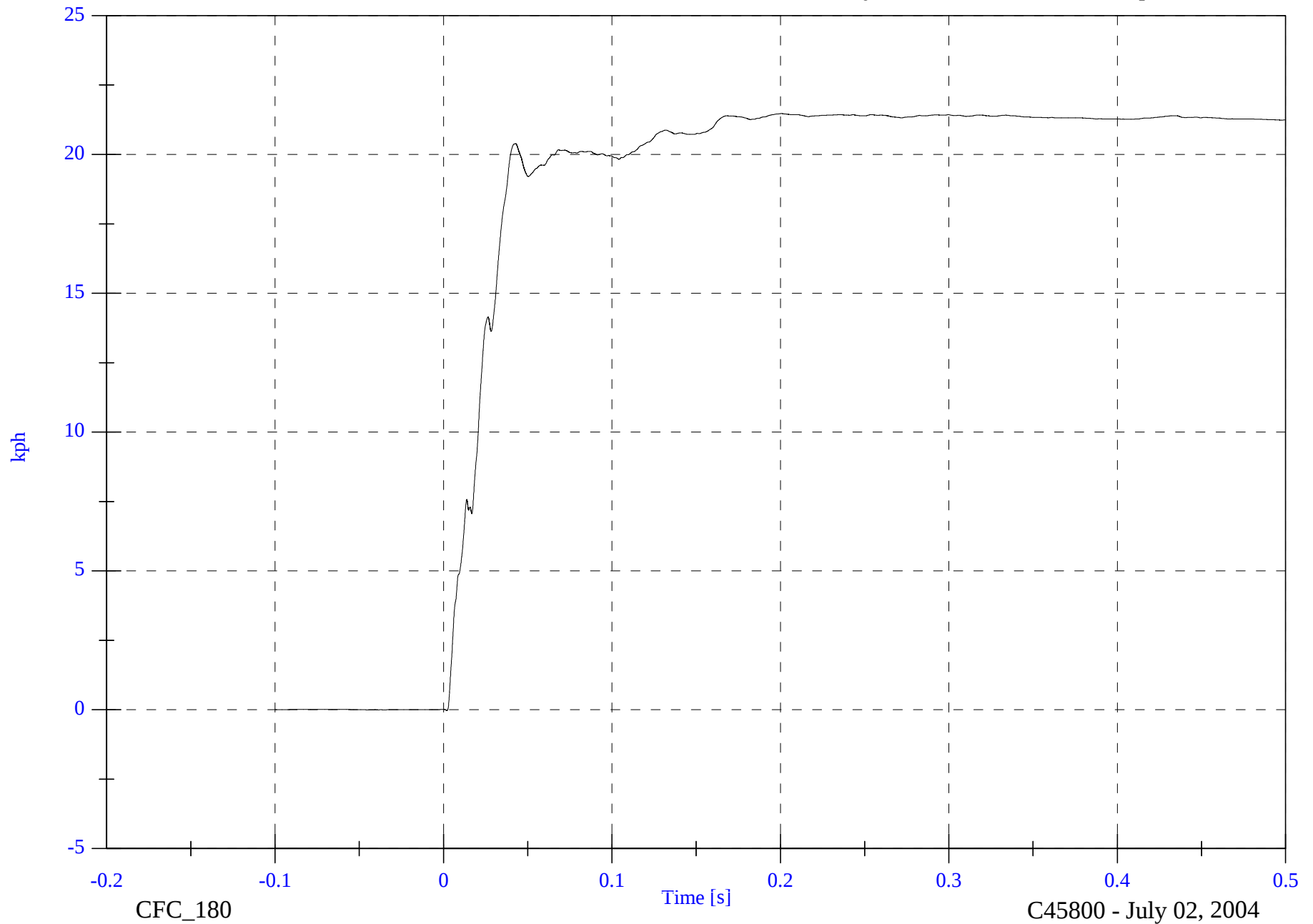


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left X Member RED x Velocity

Max: 21.5 [kph] at 0.201 [s]

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



B-95

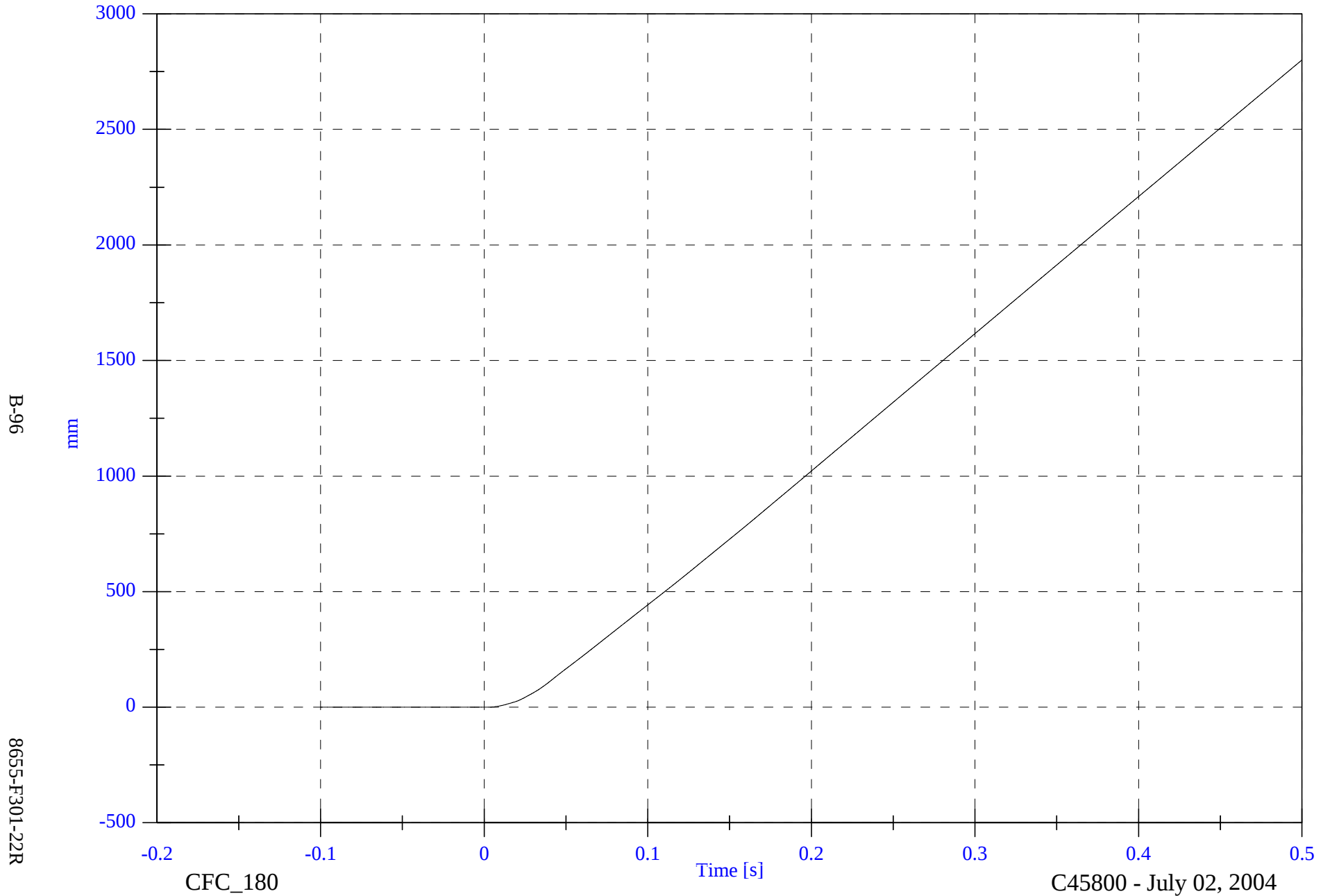
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left X Member RED x Displacement

Max: 2800.4 [mm] at 0.500 [s]

Min: -0.1 [mm] at -0.100 [s]

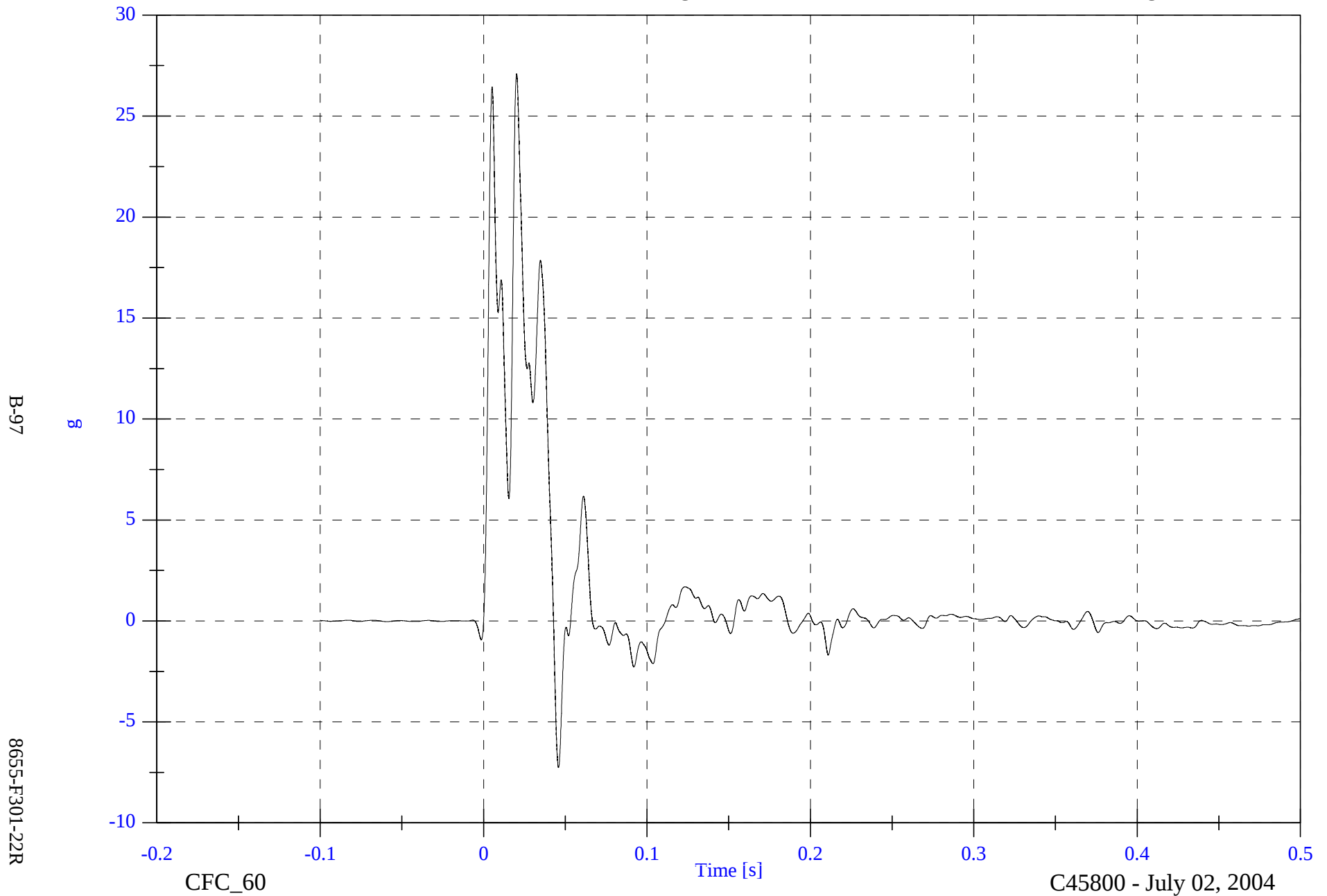


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Right X Member x

Max: 27.1 [g] at 0.020 [s]

Min: -7.3 [g] at 0.046 [s]

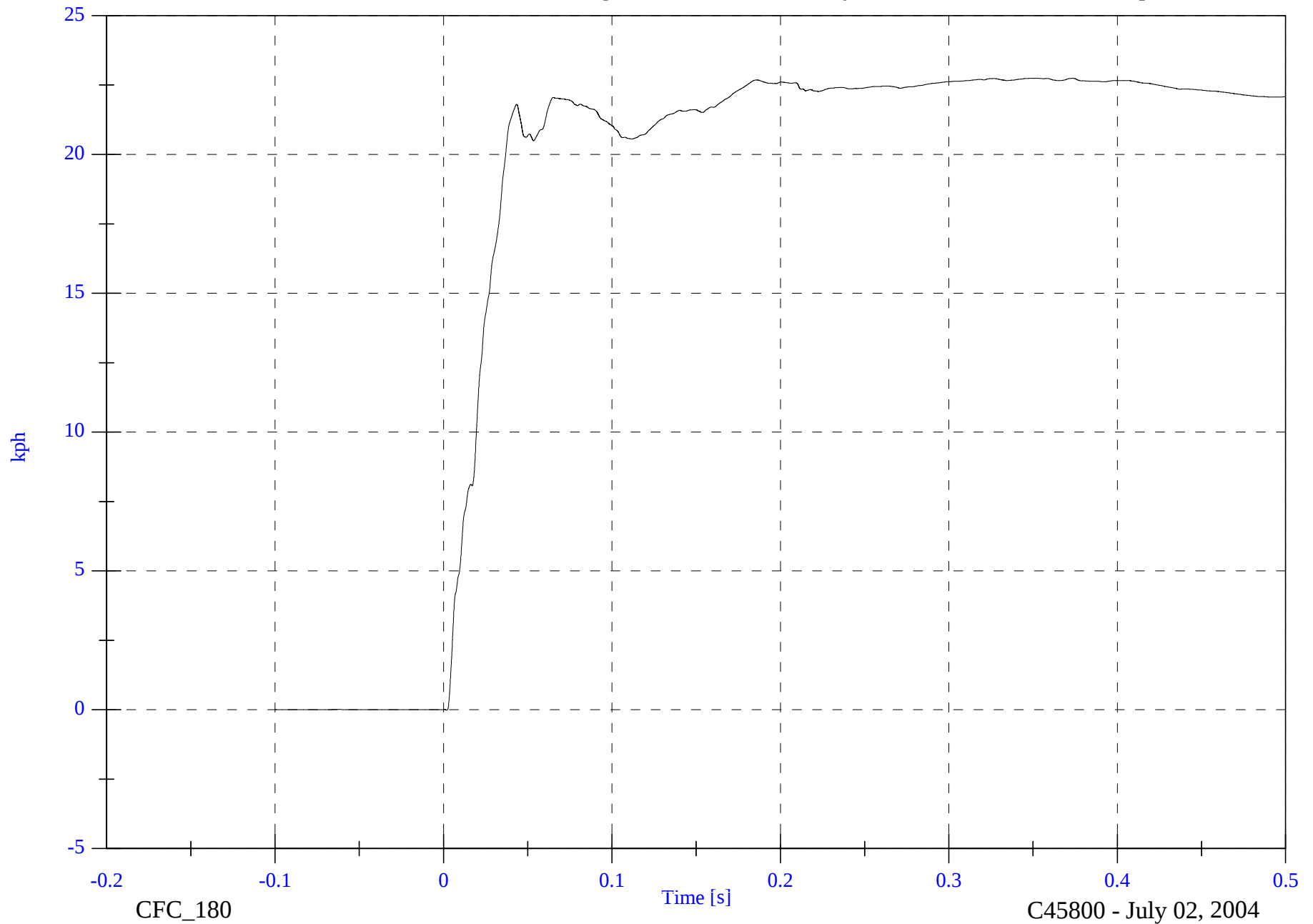


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Right X Member x Velocity

Max: 22.7 [kph] at 0.352 [s]

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



B-98

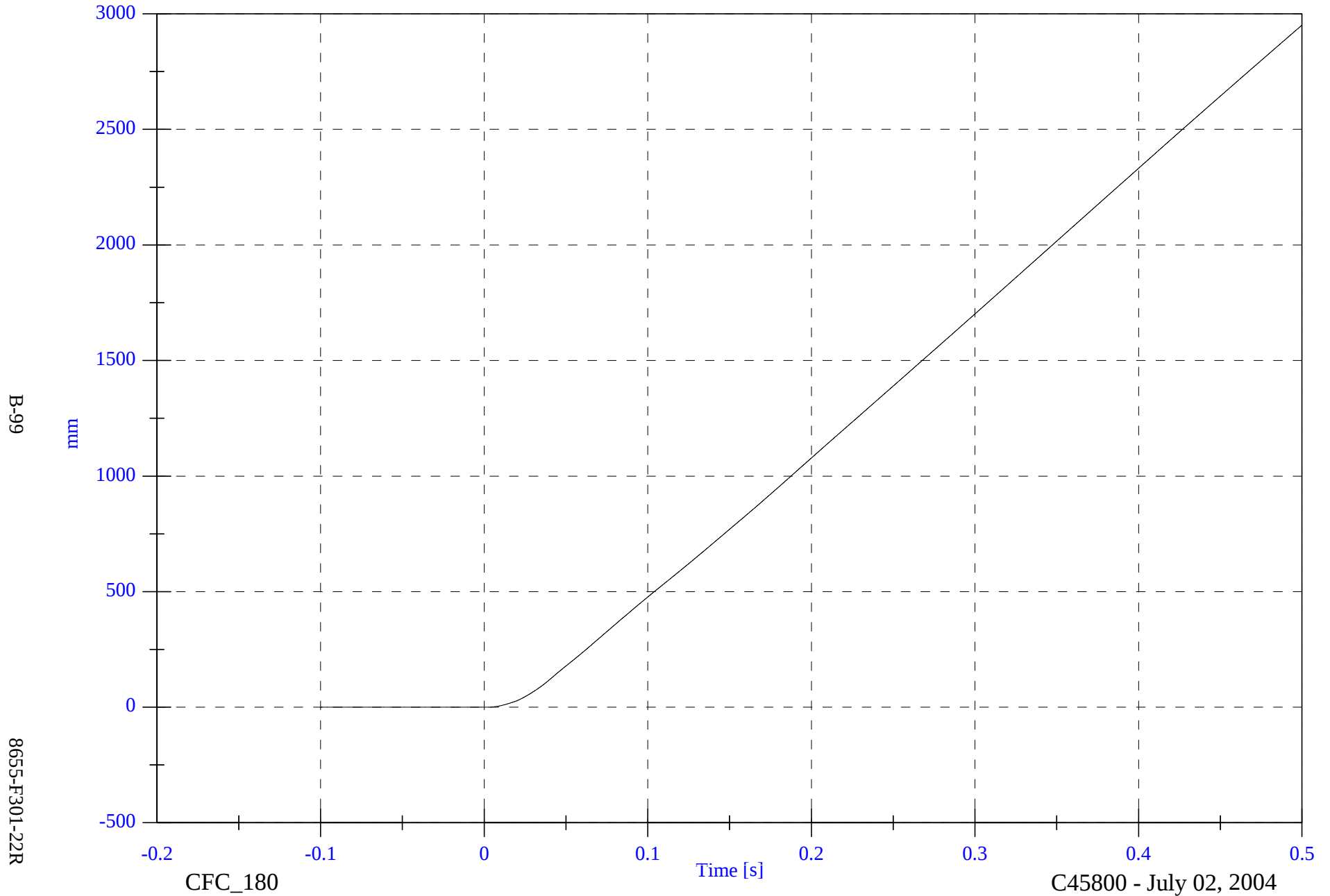
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Right X Member x Displacement

Max: 2951.1 [mm] at 0.500 [s]

Min: -0.1 [mm] at -0.100 [s]

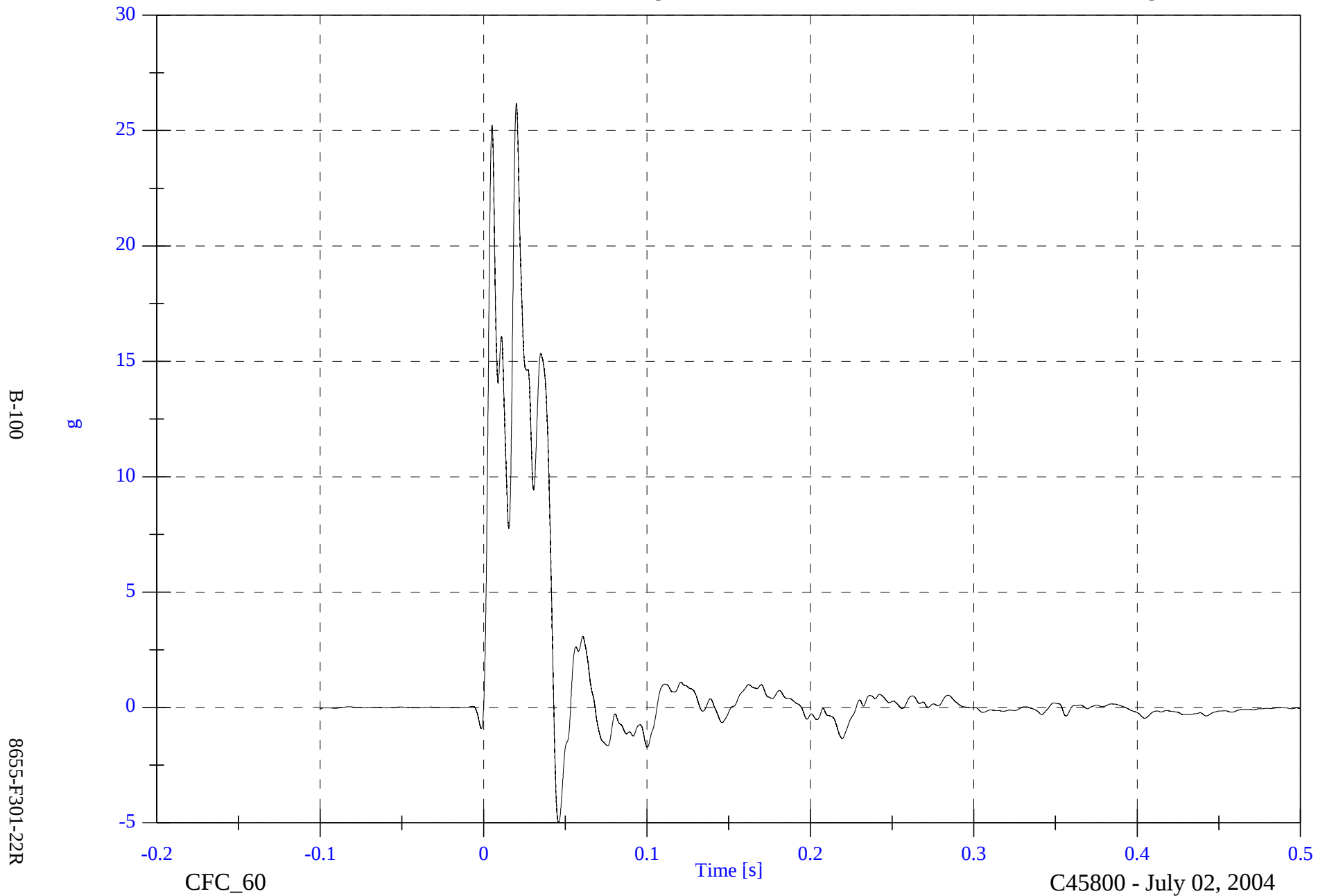


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Right X Member RED x

Max: 26.2 [g] at 0.020 [s]

Min: -5.0 [g] at 0.046 [s]

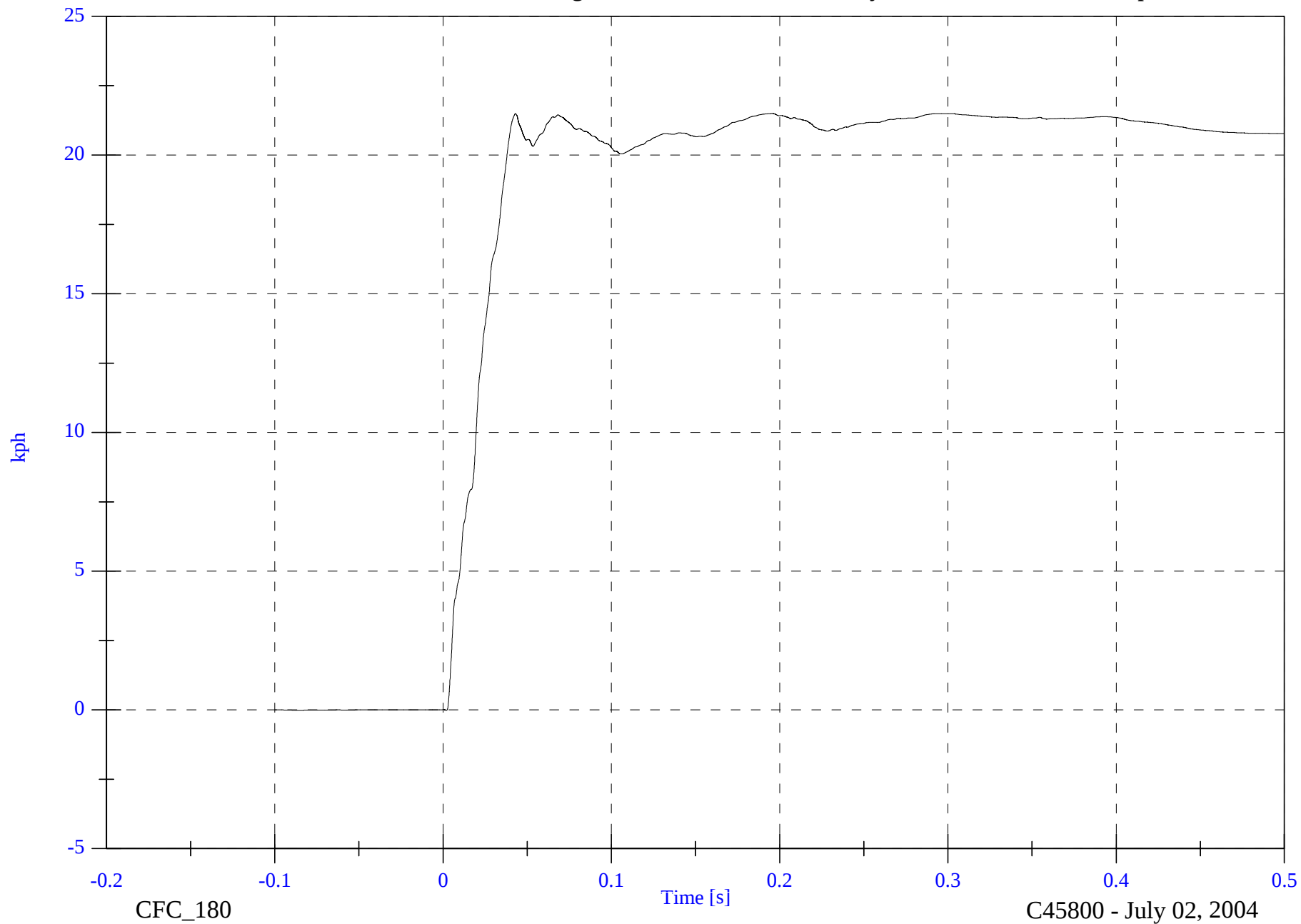


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

Max: 21.5 [kph] at 0.196 [s]

V2 Right X Member RED x Velocity

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



B-101

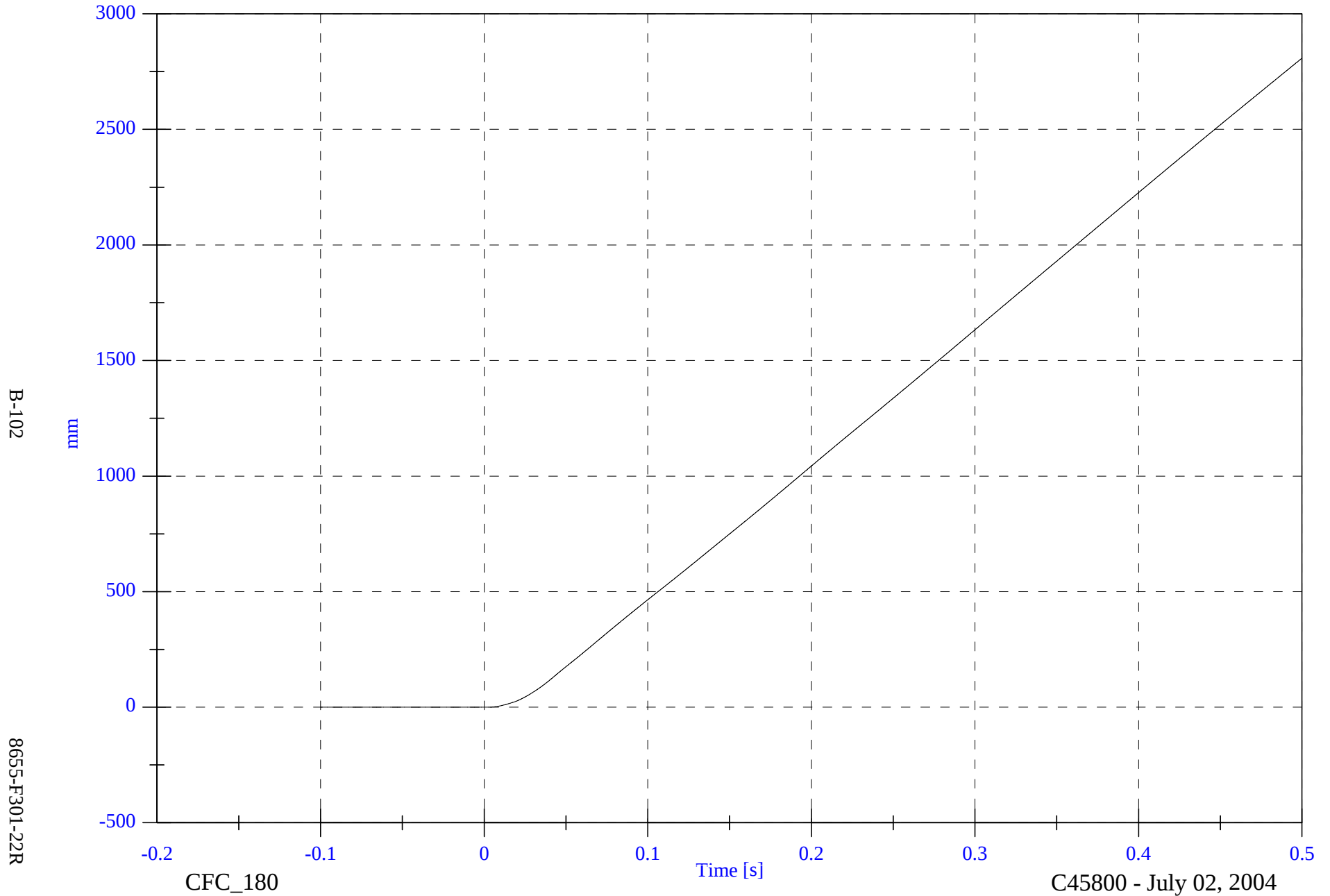
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Right X Member RED x Displacement

Max: 2808.2 [mm] at 0.500 [s]

Min: -0.0 [mm] at -0.006 [s]

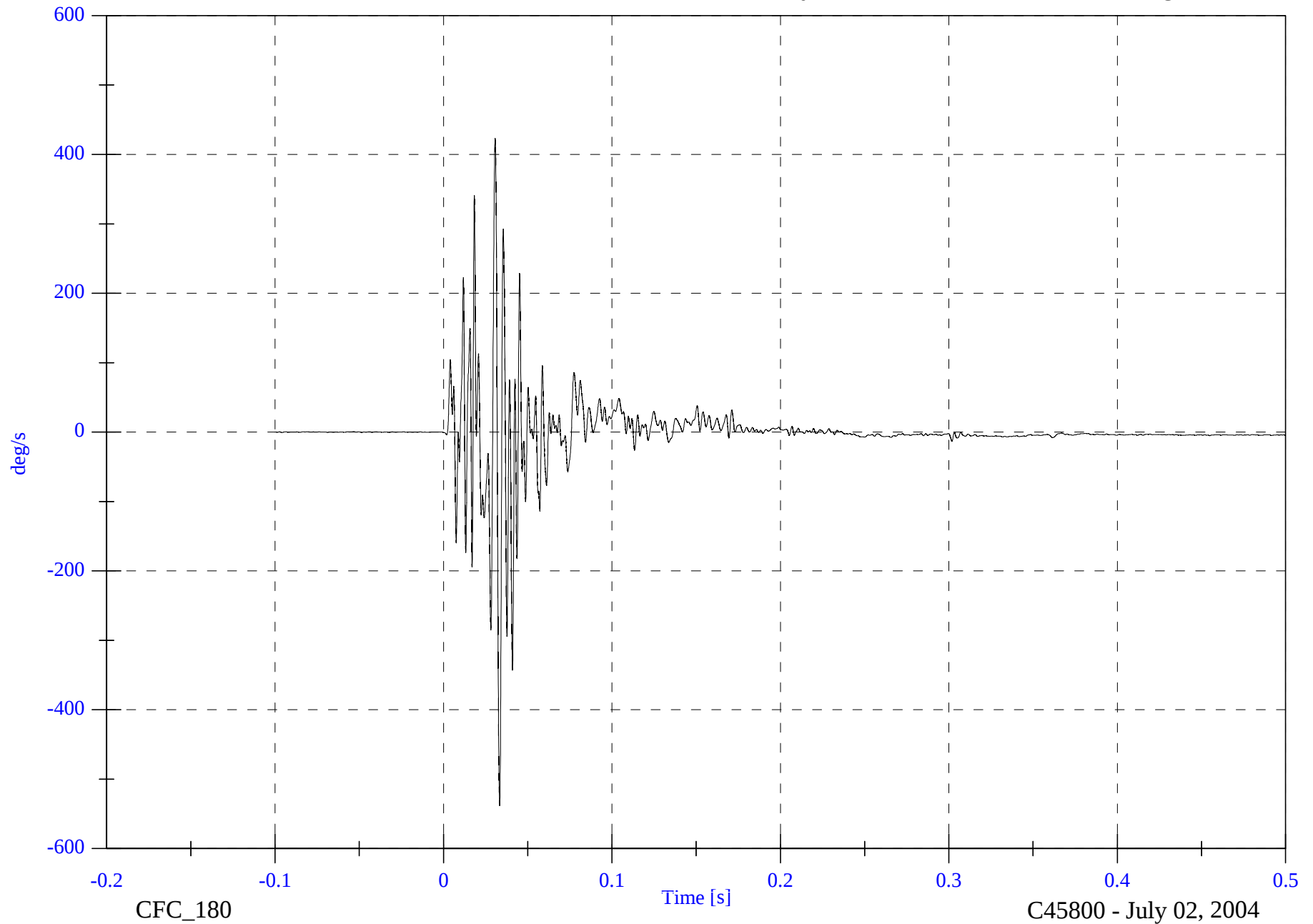


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left Front Sill AVy

Max: 423.5 [deg/s] at 0.031 [s]

Min: -538.4 [deg/s] at 0.033 [s]



B-103

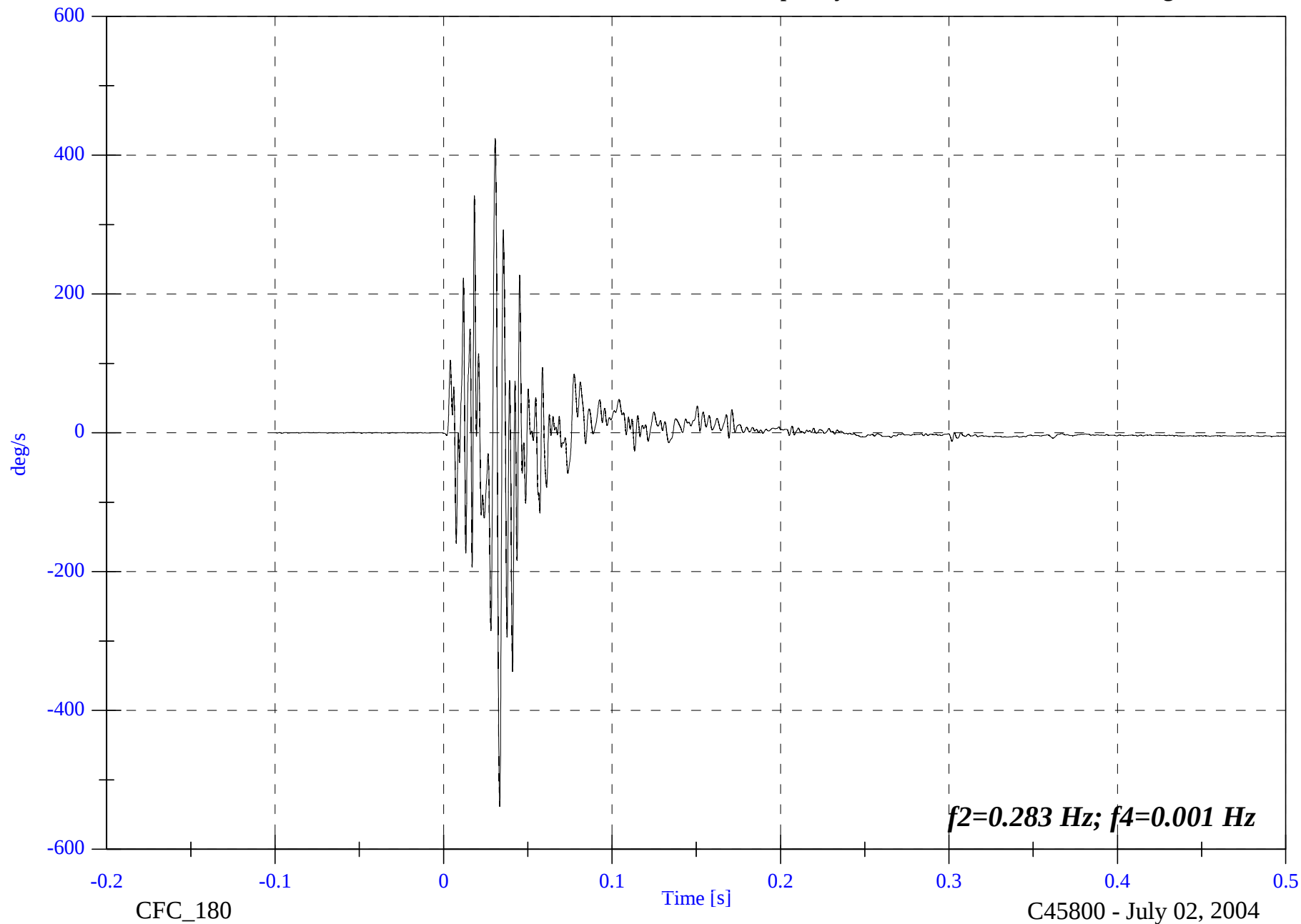
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left Front Sill Comp AVy

Max: 423.9 [deg/s] at 0.031 [s]

Min: -538.3 [deg/s] at 0.033 [s]



B-104

8655-F301-22R

CFC_180

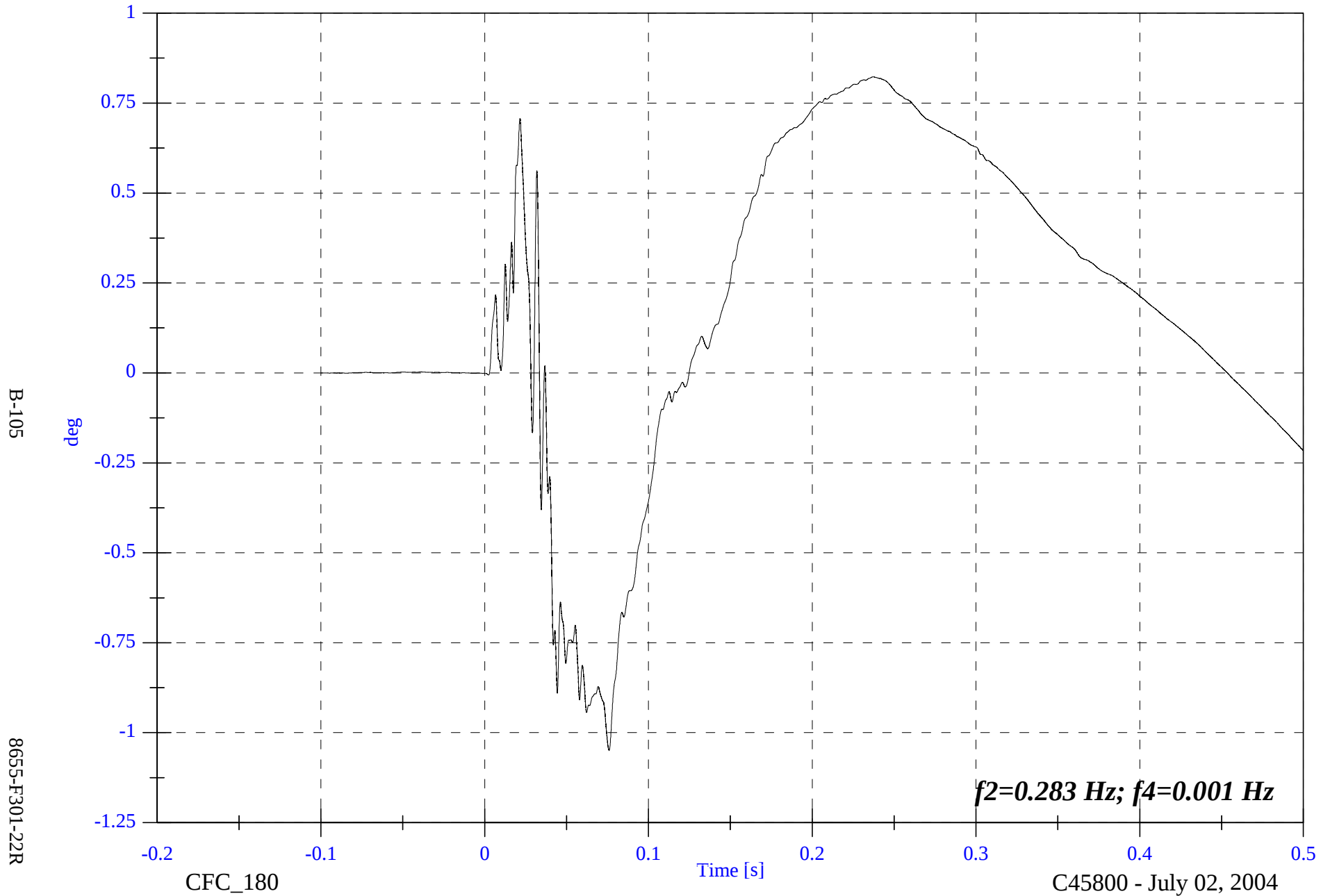
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2 Left Front Sill Comp ADy

Max: 0.8 [deg] at 0.237 [s]

Min: -1.0 [deg] at 0.076 [s]

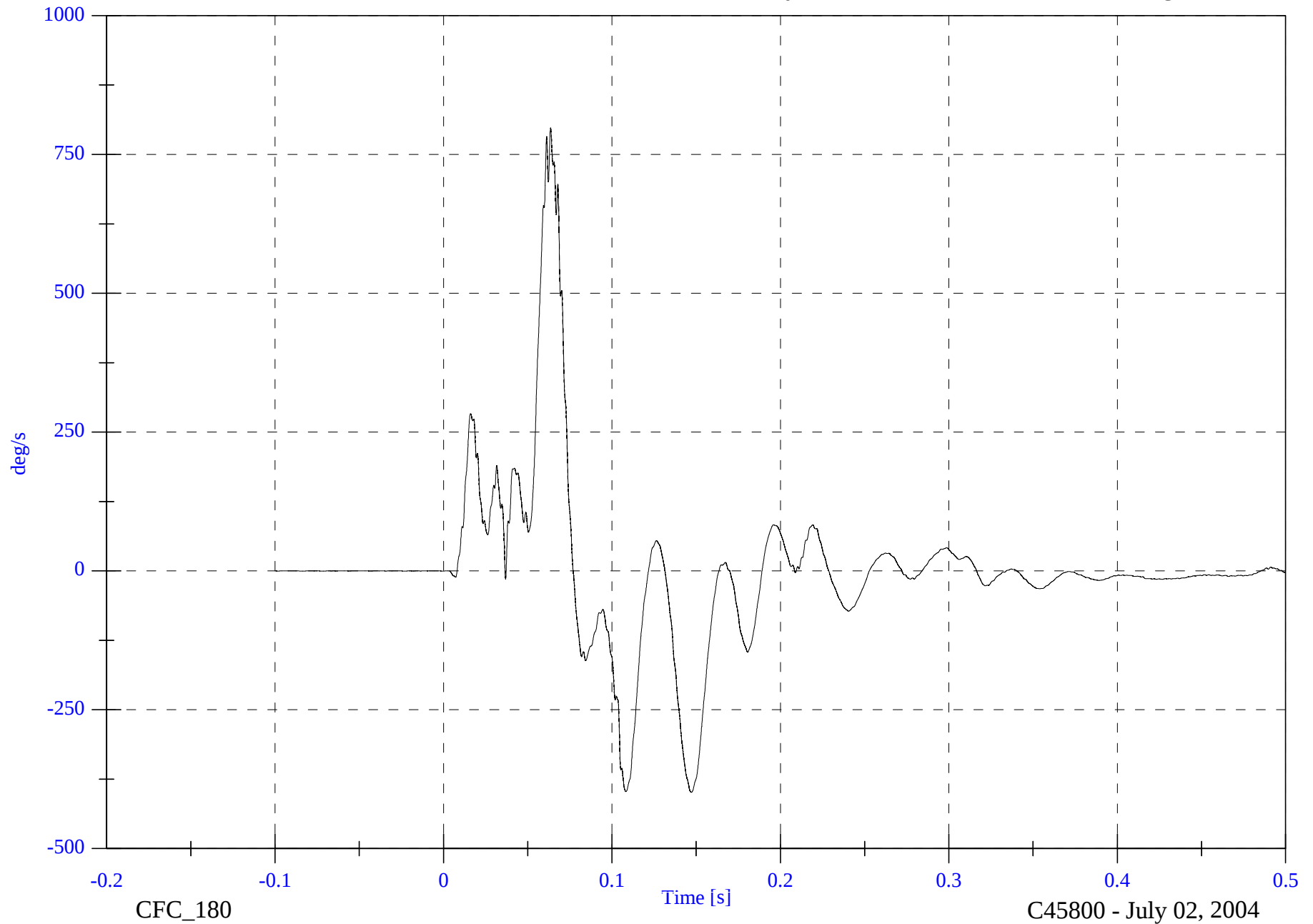


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Left Seat Avy

Max: 797.8 [deg/s] at 0.064 [s]

Min: -398.6 [deg/s] at 0.147 [s]

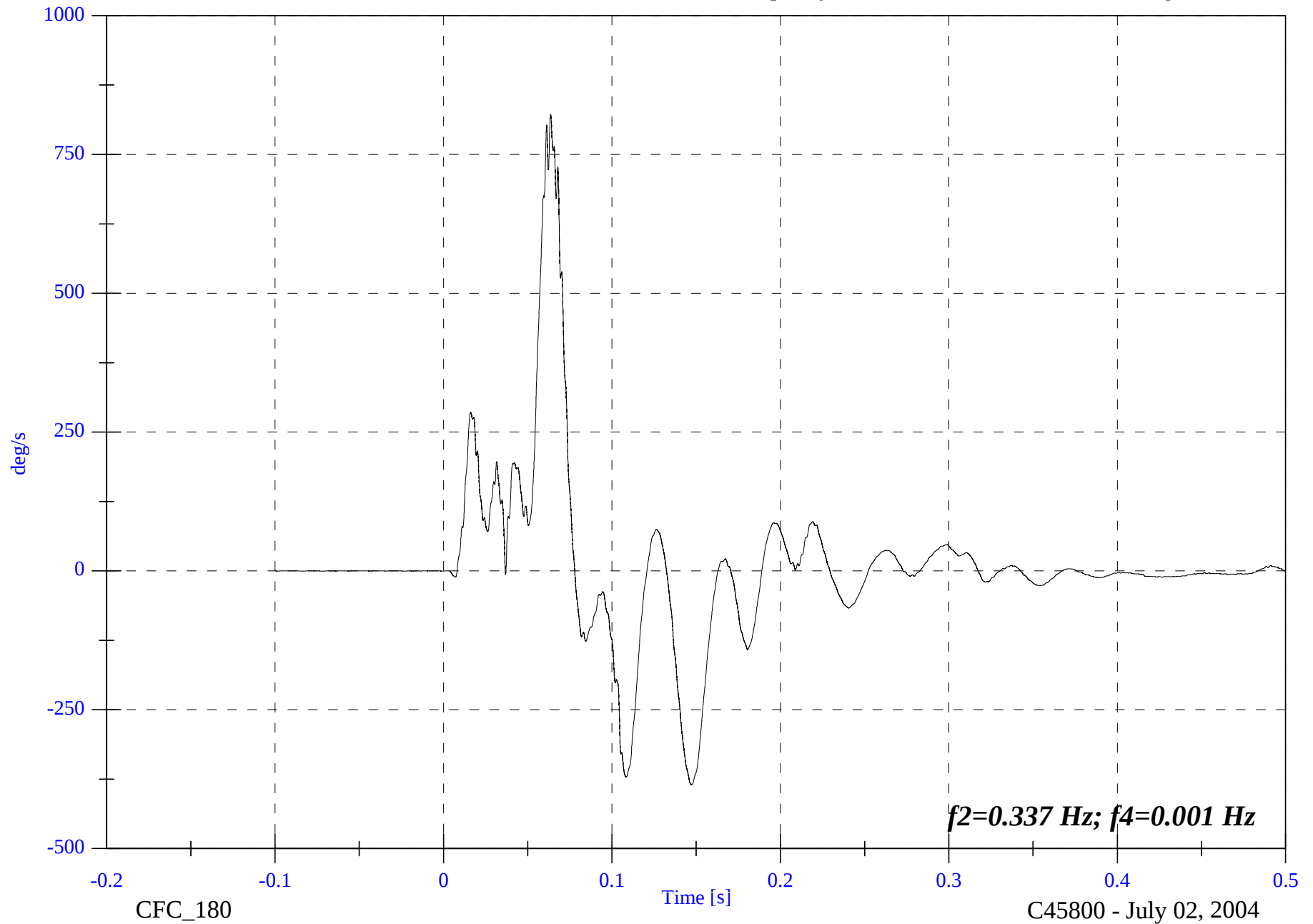


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Left Seat Comp Avy

Max: 822.0 [deg/s] at 0.064 [s]

Min: -385.2 [deg/s] at 0.147 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

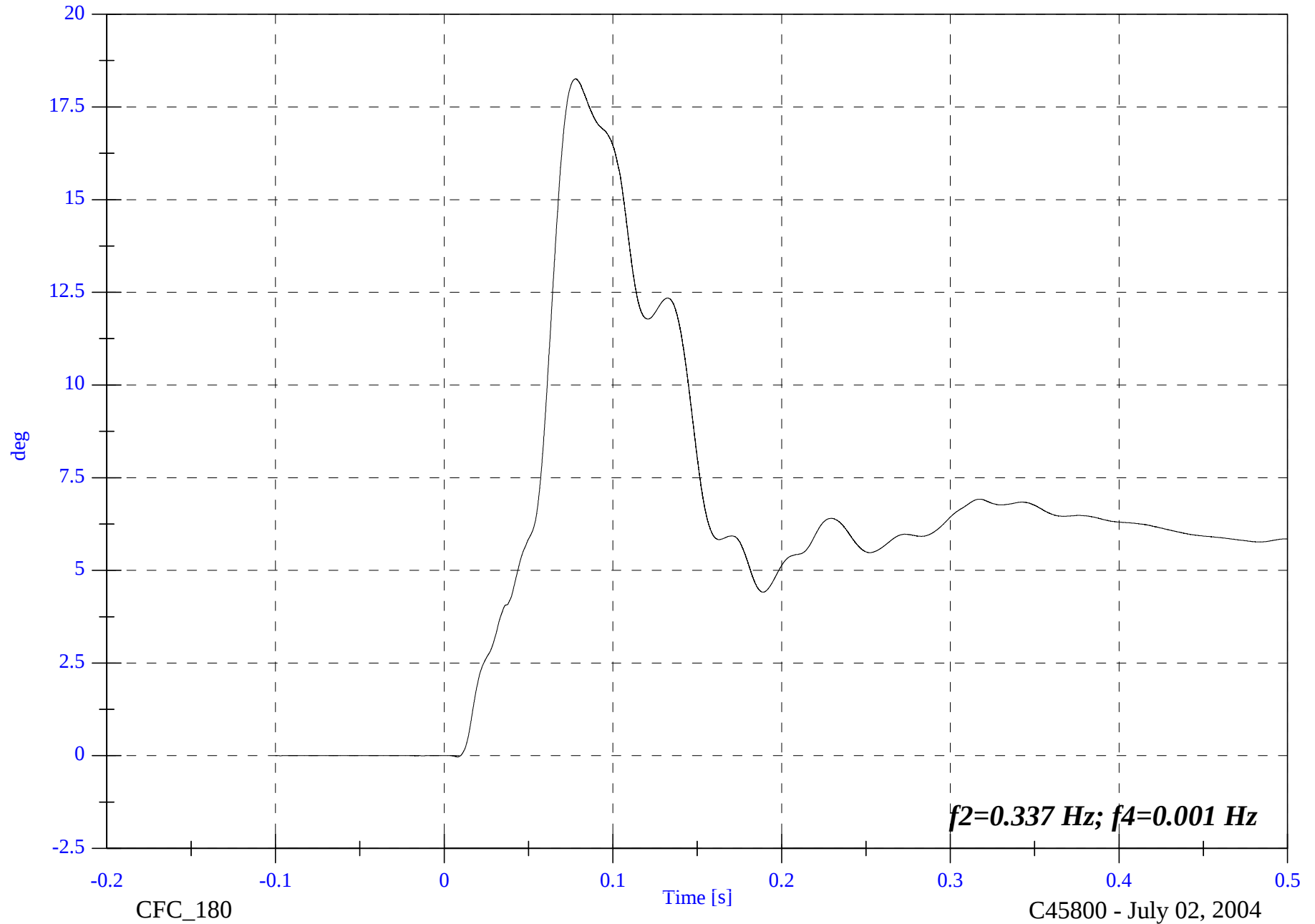
V2P1 Left Seat Comp ADy

Max: 18.3 [deg] at 0.078 [s]

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

B-108

8655-F301-22R

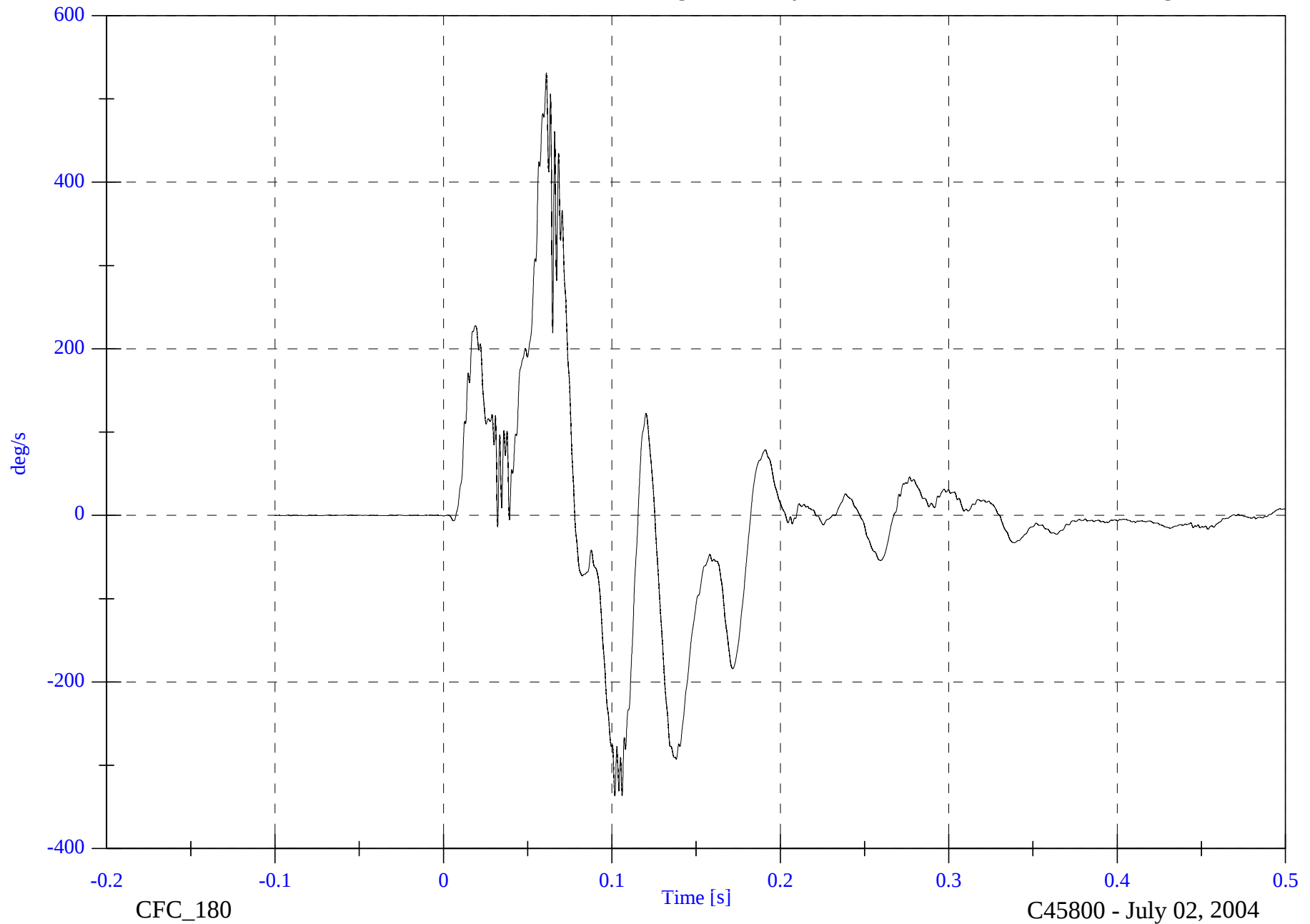


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Right Seat Avy

Max: 531.1 [deg/s] at 0.061 [s]

Min: -337.0 [deg/s] at 0.102 [s]



B-109

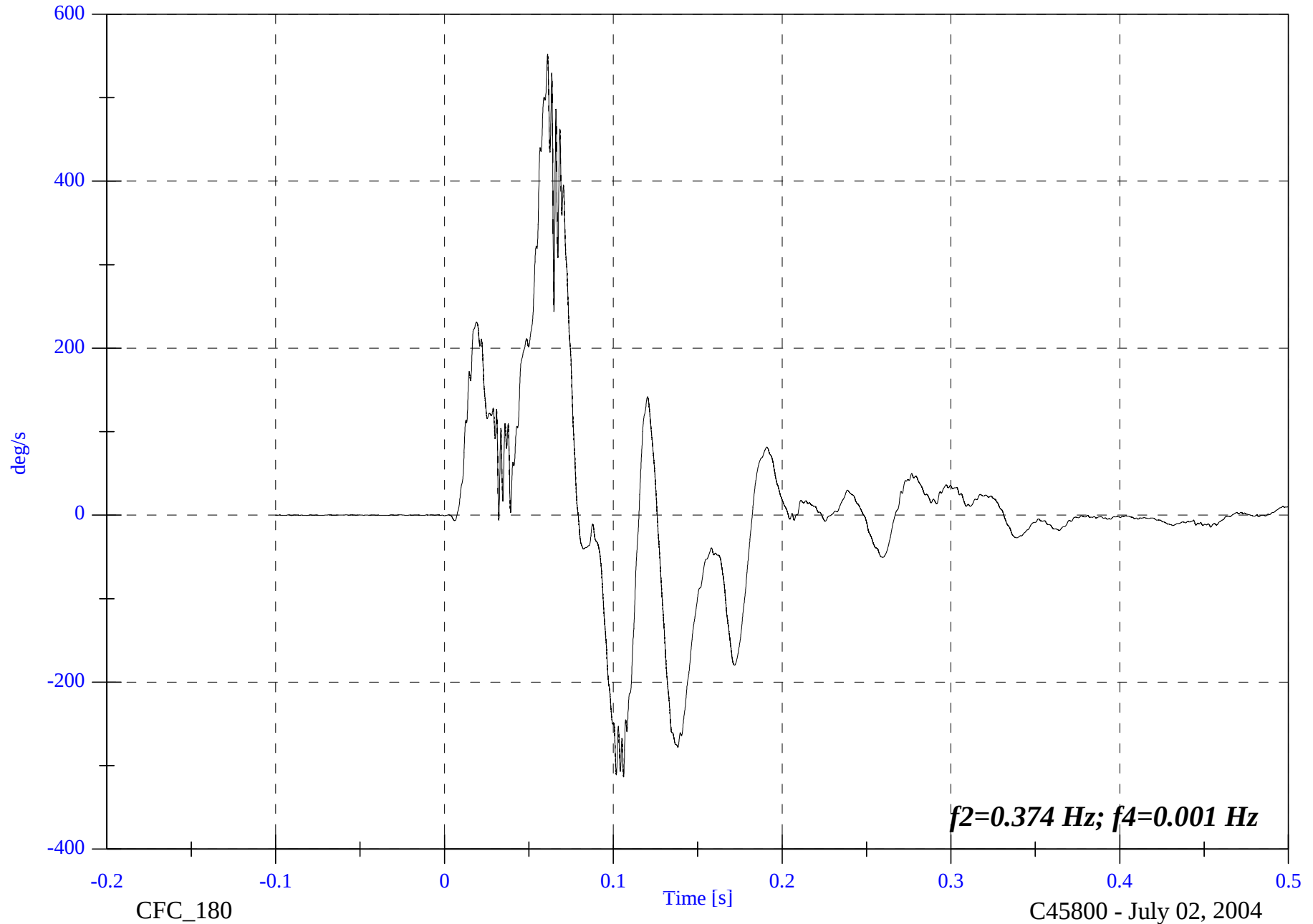
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Right Seat Comp Avy

Max: 551.9 [deg/s] at 0.061 [s]

Min: -313.8 [deg/s] at 0.106 [s]



B-110

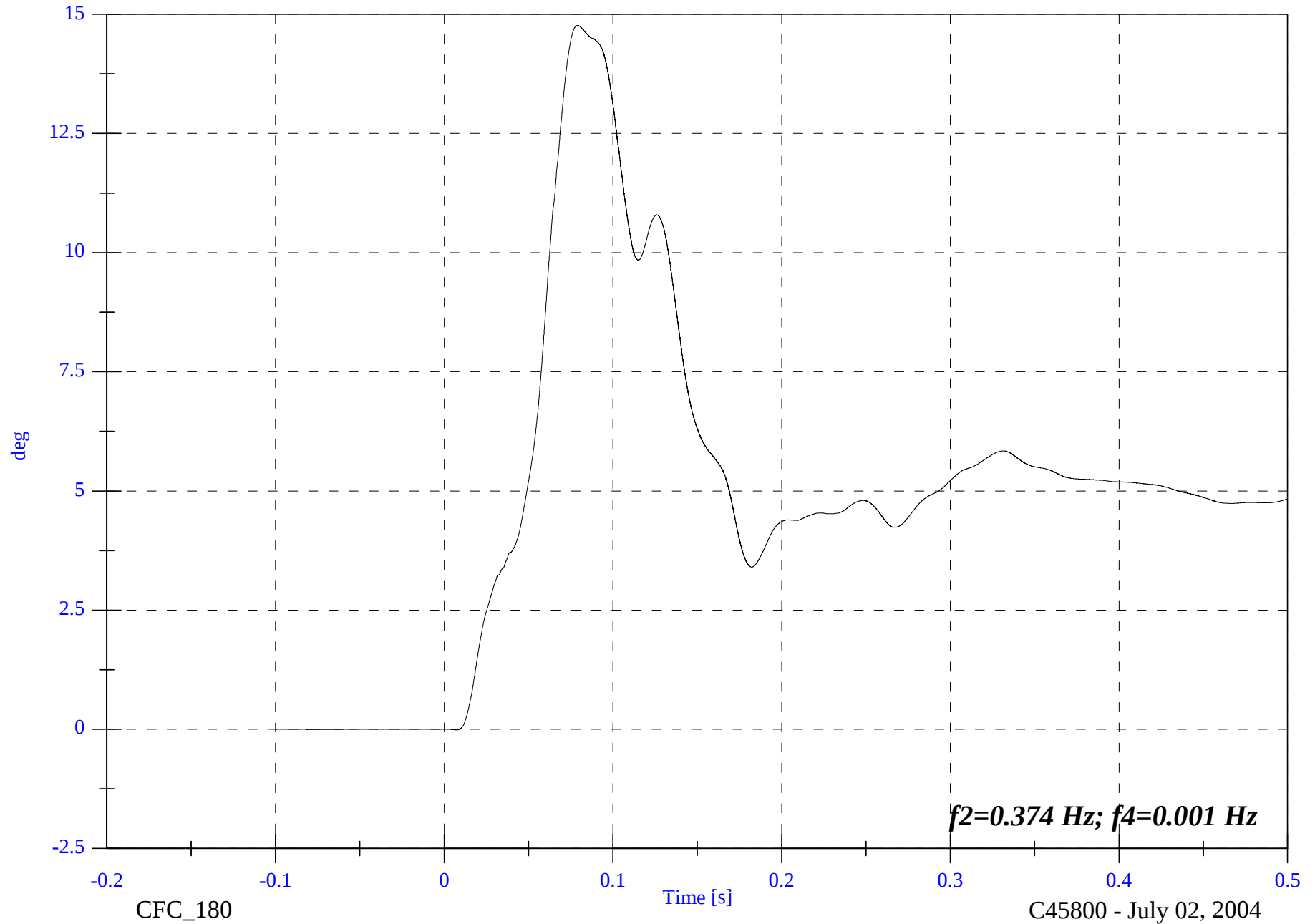
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Right Seat Comp ADy

Max: 14.8 [deg] at 0.079 [s]

Min: -0.0 [deg] at 0.007 [s]



B-111

8655-F301-22R

CFC_180

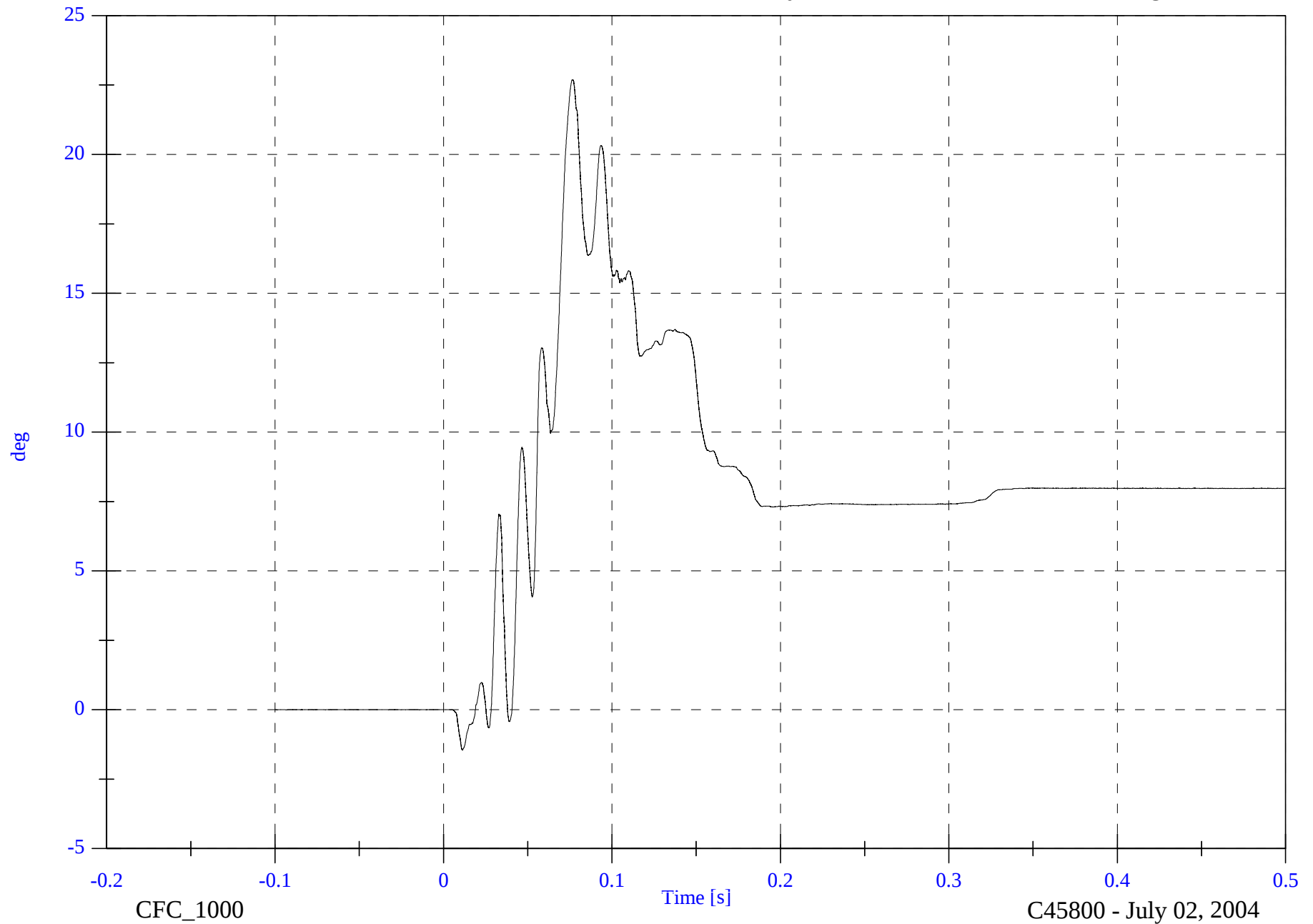
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Left Link Ady

Max: 22.7 [deg] at 0.076 [s]

Min: -1.5 [deg] at 0.011 [s]



B-112

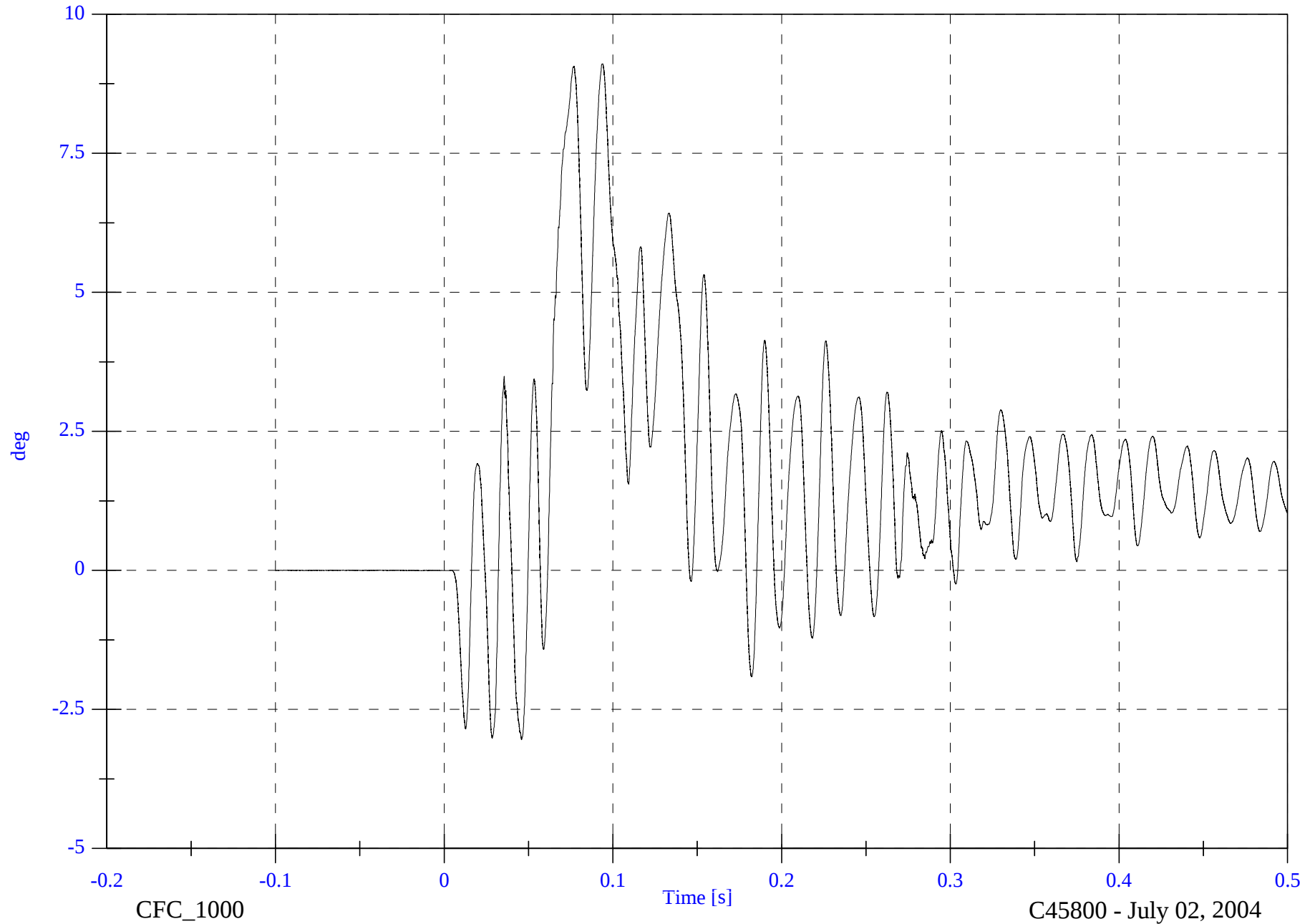
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P1 Right Link Ady

Max: 9.1 [deg] at 0.094 [s]

Min: -3.0 [deg] at 0.046 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

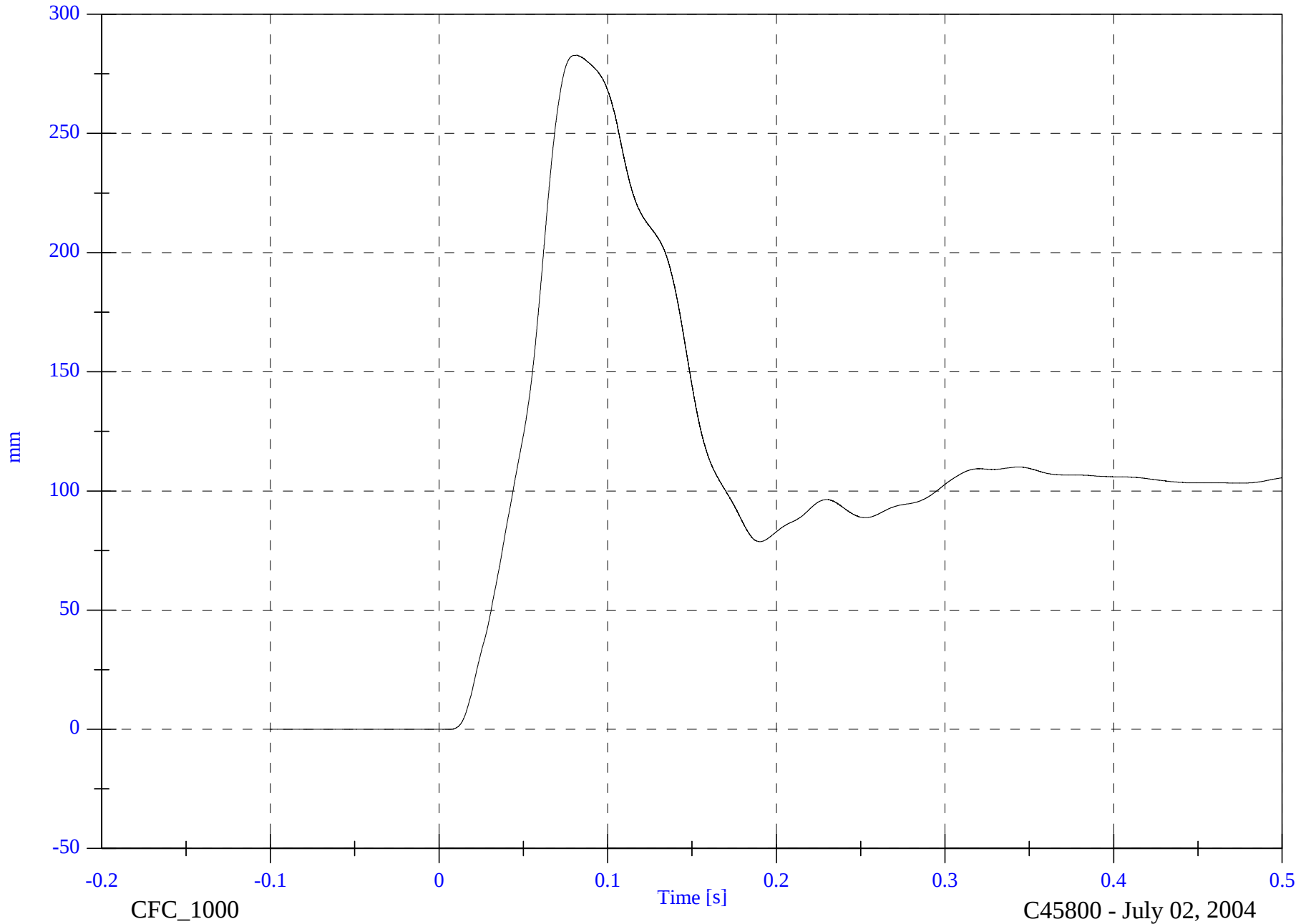
V2P1 Left Span Bar Displacement

Max: 282.8 [mm] at 0.081 [s]

Min: -0.0 [mm] at 0.006 [s]

B-114

8655-F301-22R



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

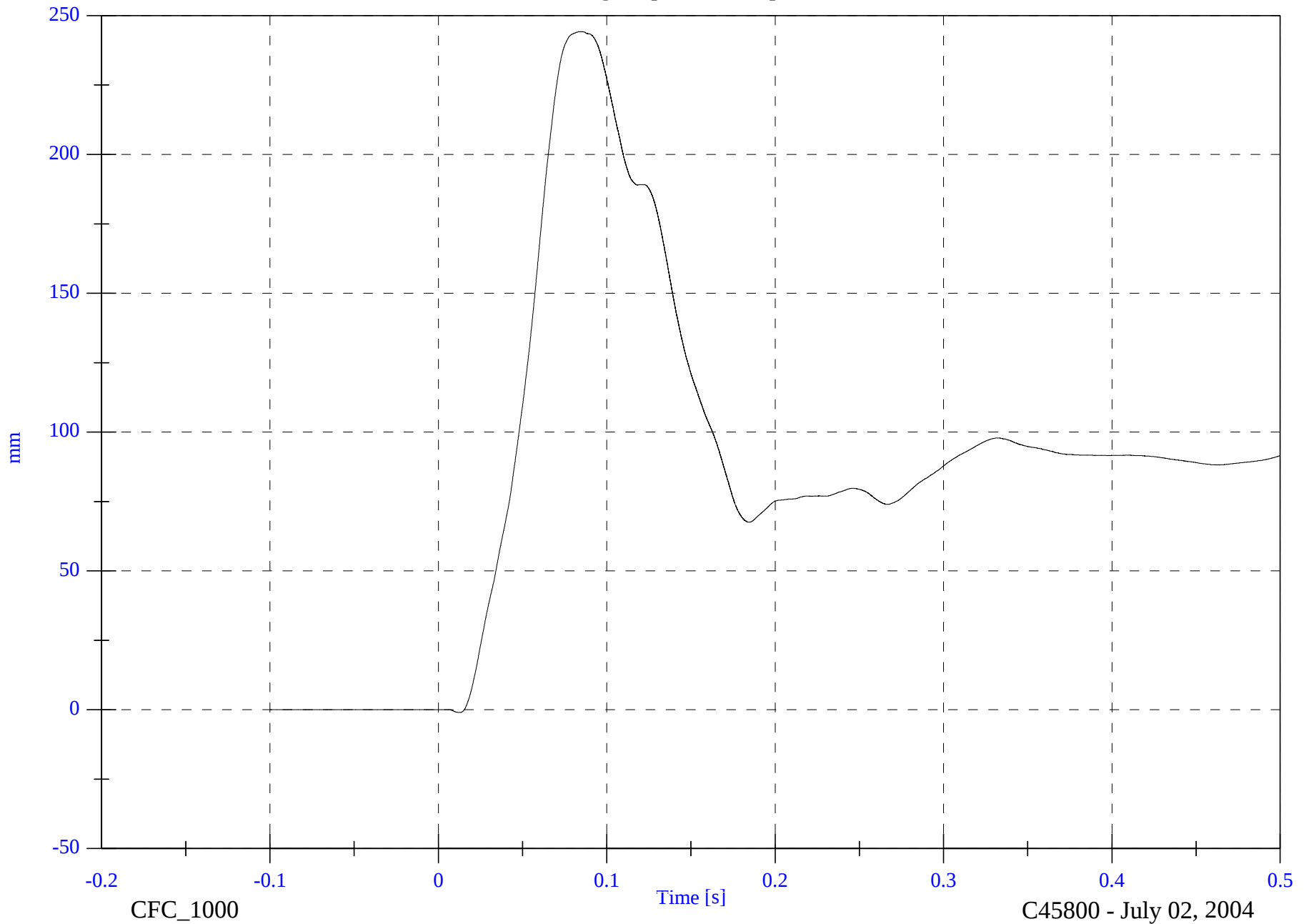
V2P1 Right Span Bar Displacement

Max: 244.2 [mm] at 0.084 [s]

Min: -1.0 [mm] at 0.013 [s]

B-115

8655-F301-22R

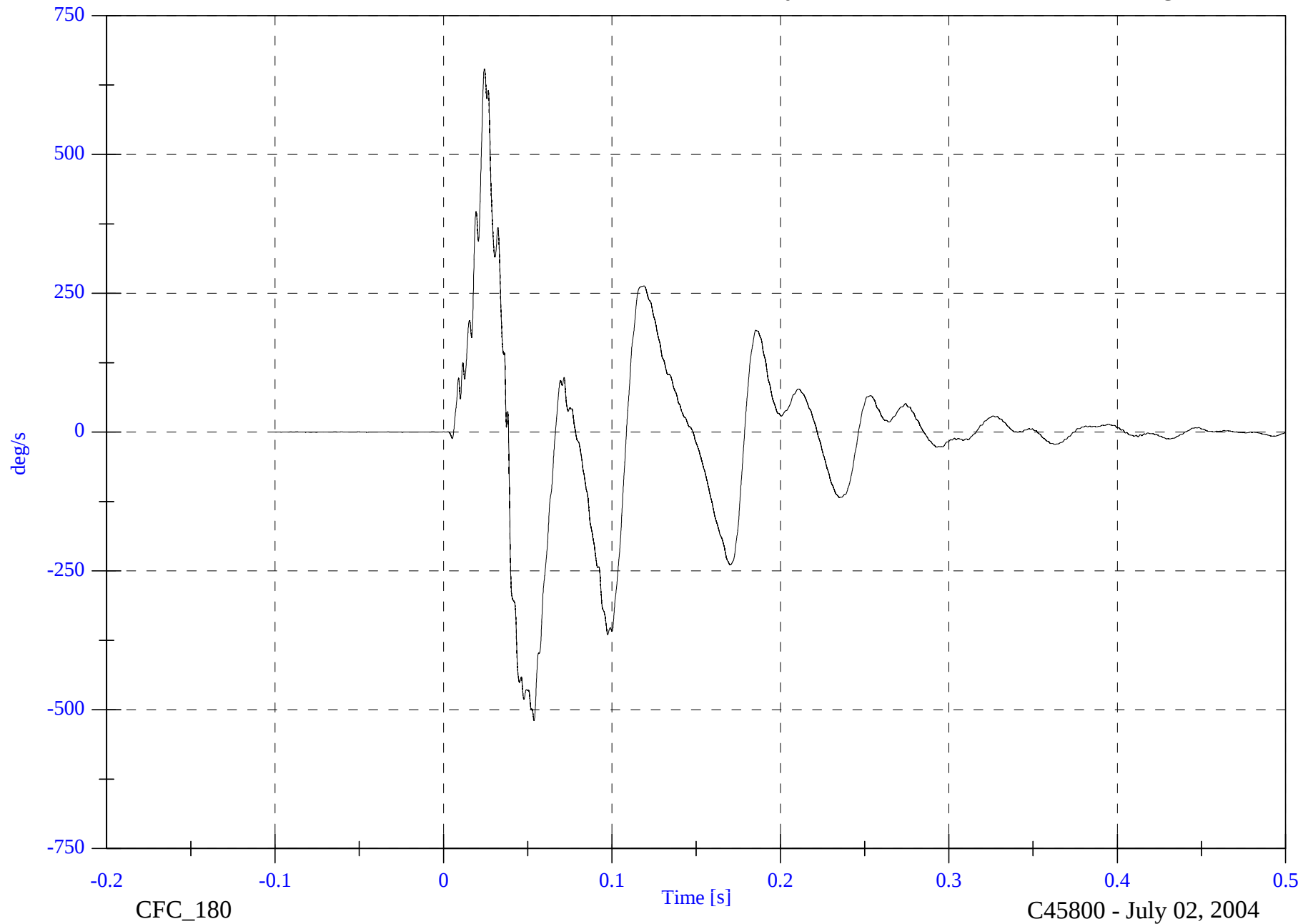


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Left Seat Avy

Max: 654.2 [deg/s] at 0.024 [s]

Min: -519.5 [deg/s] at 0.054 [s]



B-116

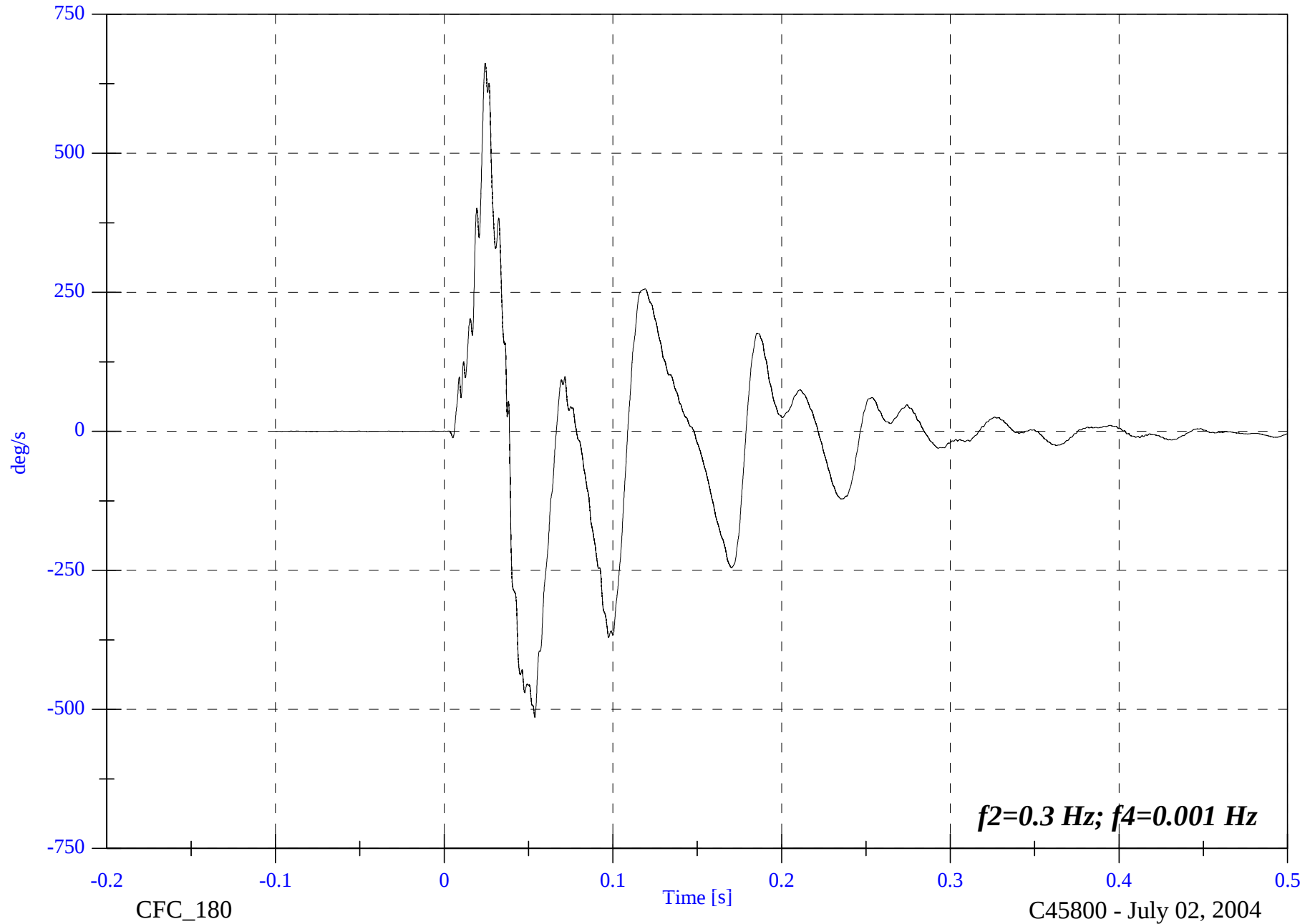
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Left Seat Comp Avy

Max: 662.1 [deg/s] at 0.024 [s]

Min: -514.1 [deg/s] at 0.054 [s]



B-117

8655-F301-22R

CFC_180

C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

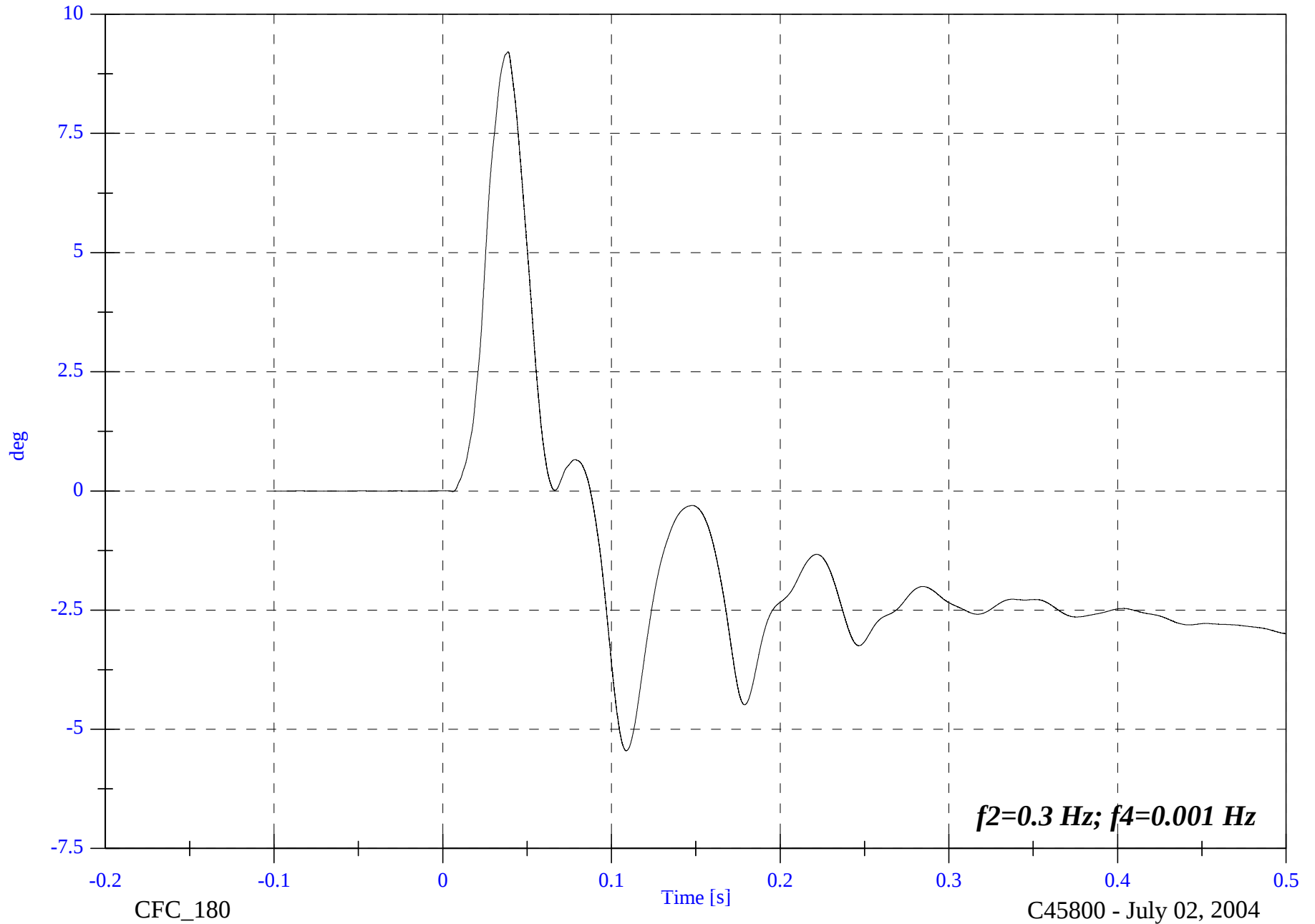
V2P3 Left Seat Comp ADy

Max: 9.2 [deg] at 0.039 [s]

Min: -5.4 [deg] at 0.109 [s]

B-118

8655-F301-22R

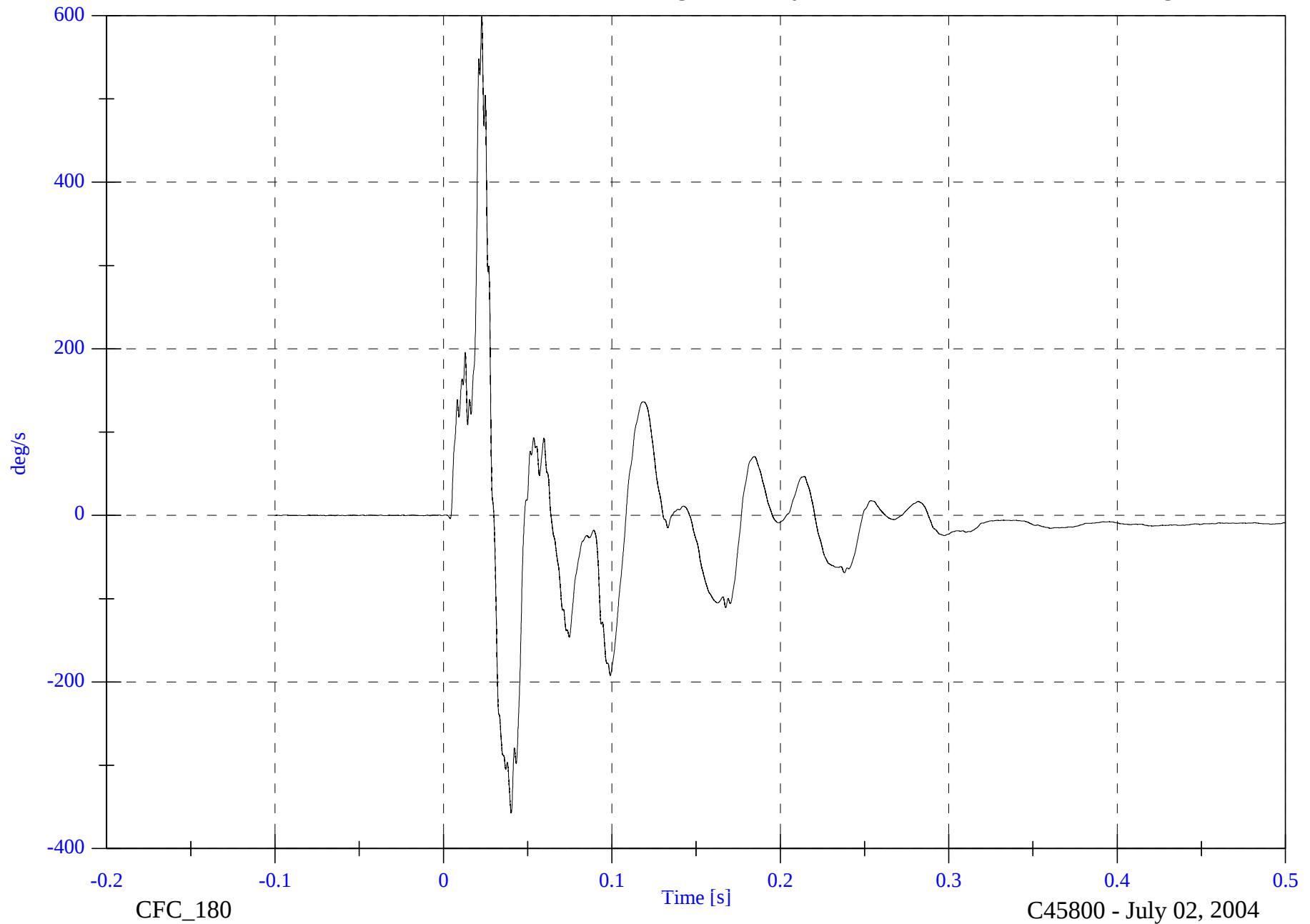


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Right Seat Avy

Max: 598.9 [deg/s] at 0.023 [s]

Min: -357.5 [deg/s] at 0.040 [s]



B-119

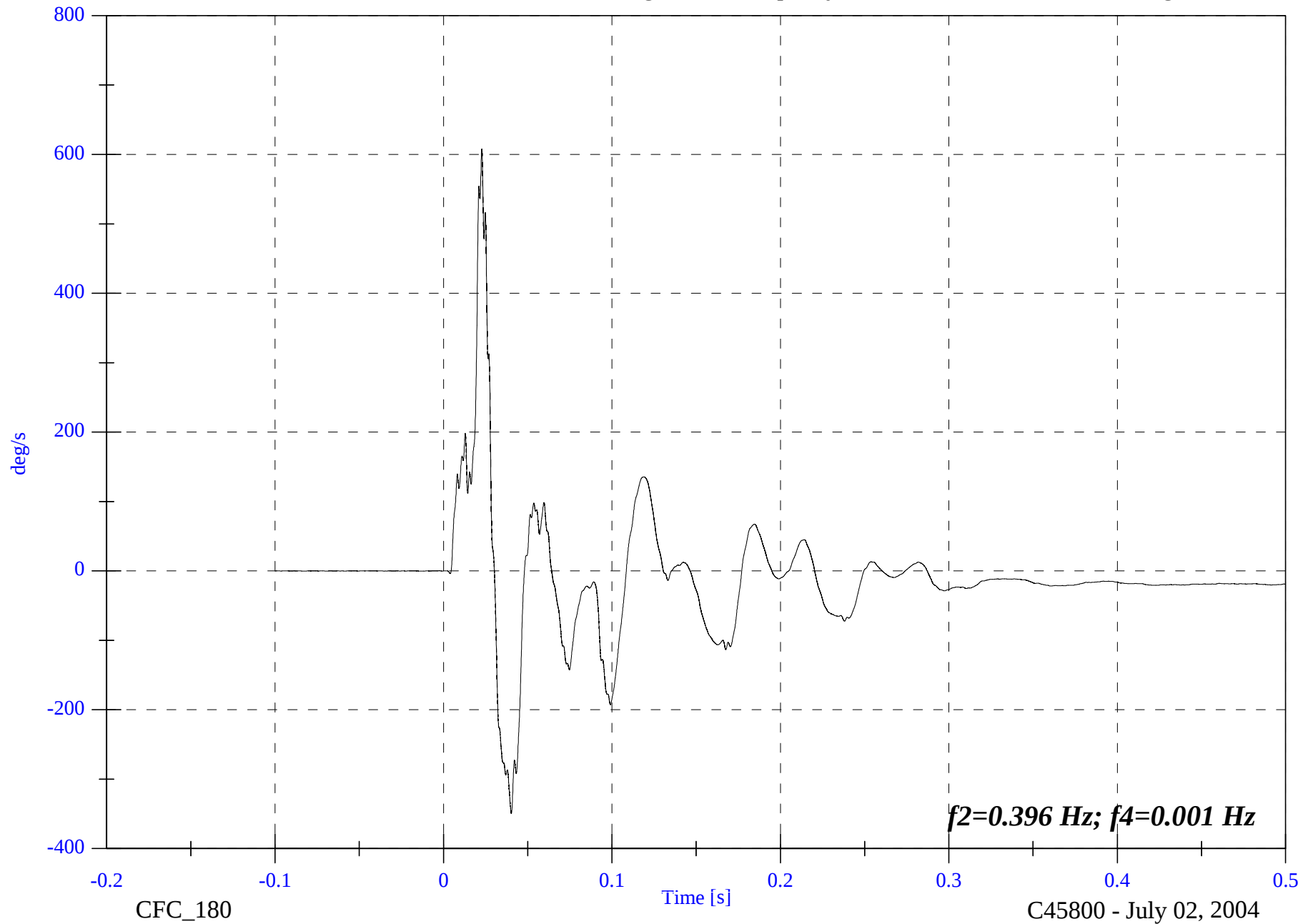
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Right Seat Comp Avy

Max: 608.0 [deg/s] at 0.023 [s]

Min: -349.4 [deg/s] at 0.040 [s]

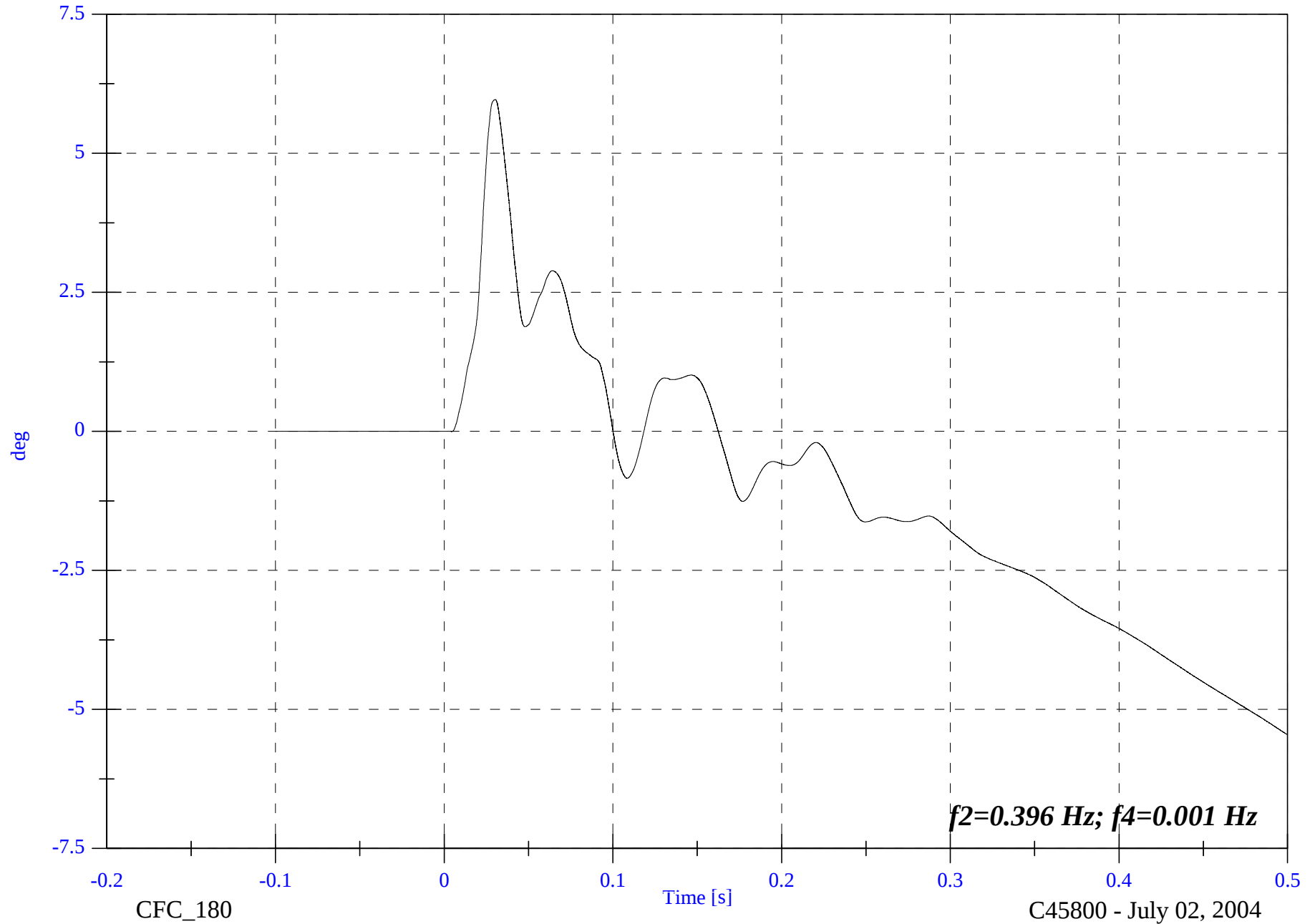


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Right Seat Comp ADy

Max: 6.0 [deg] at 0.030 [s]

Min: -5.5 [deg] at 0.500 [s]

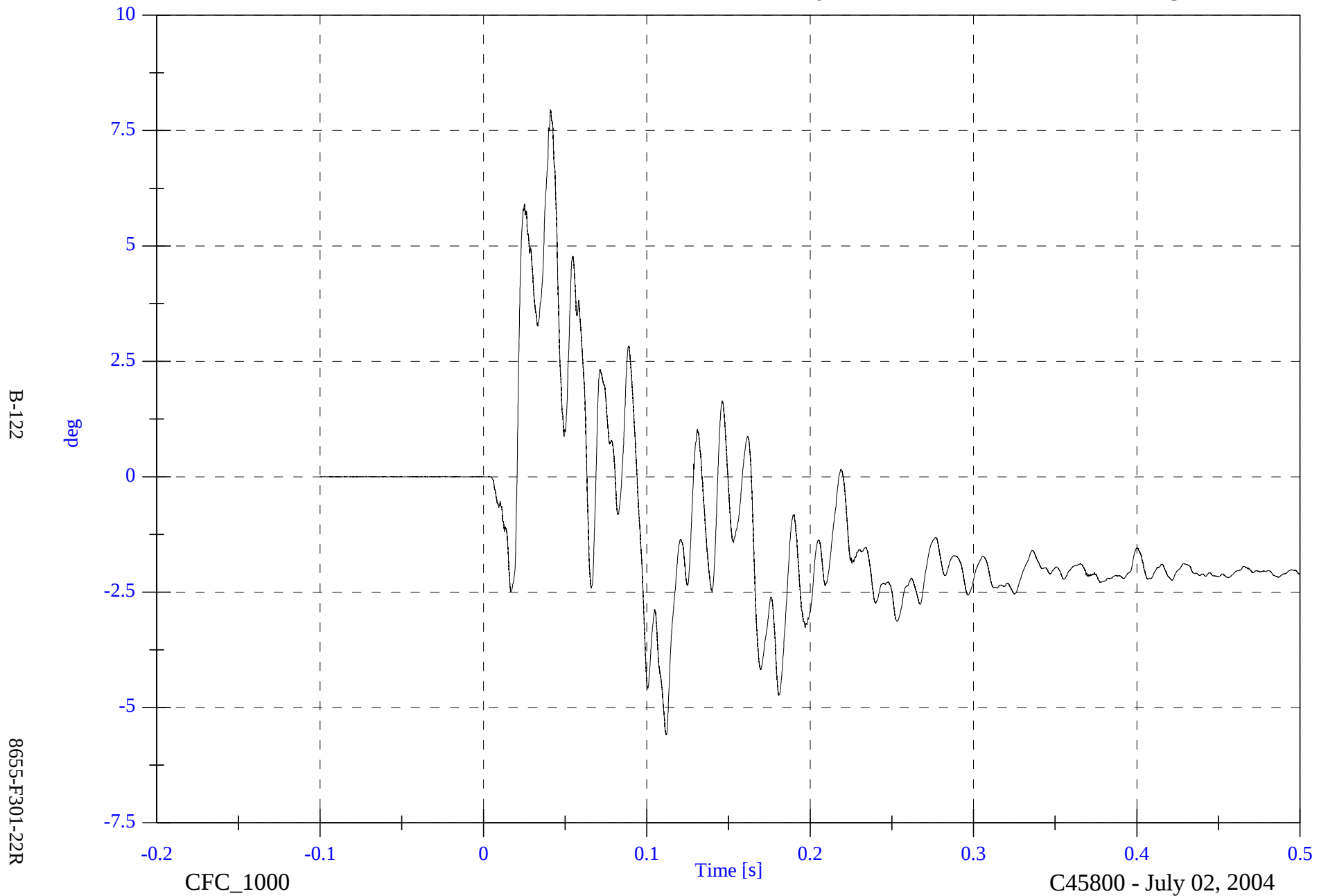


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Left Link Ady

Max: 8.0 [deg] at 0.041 [s]

Min: -5.6 [deg] at 0.112 [s]

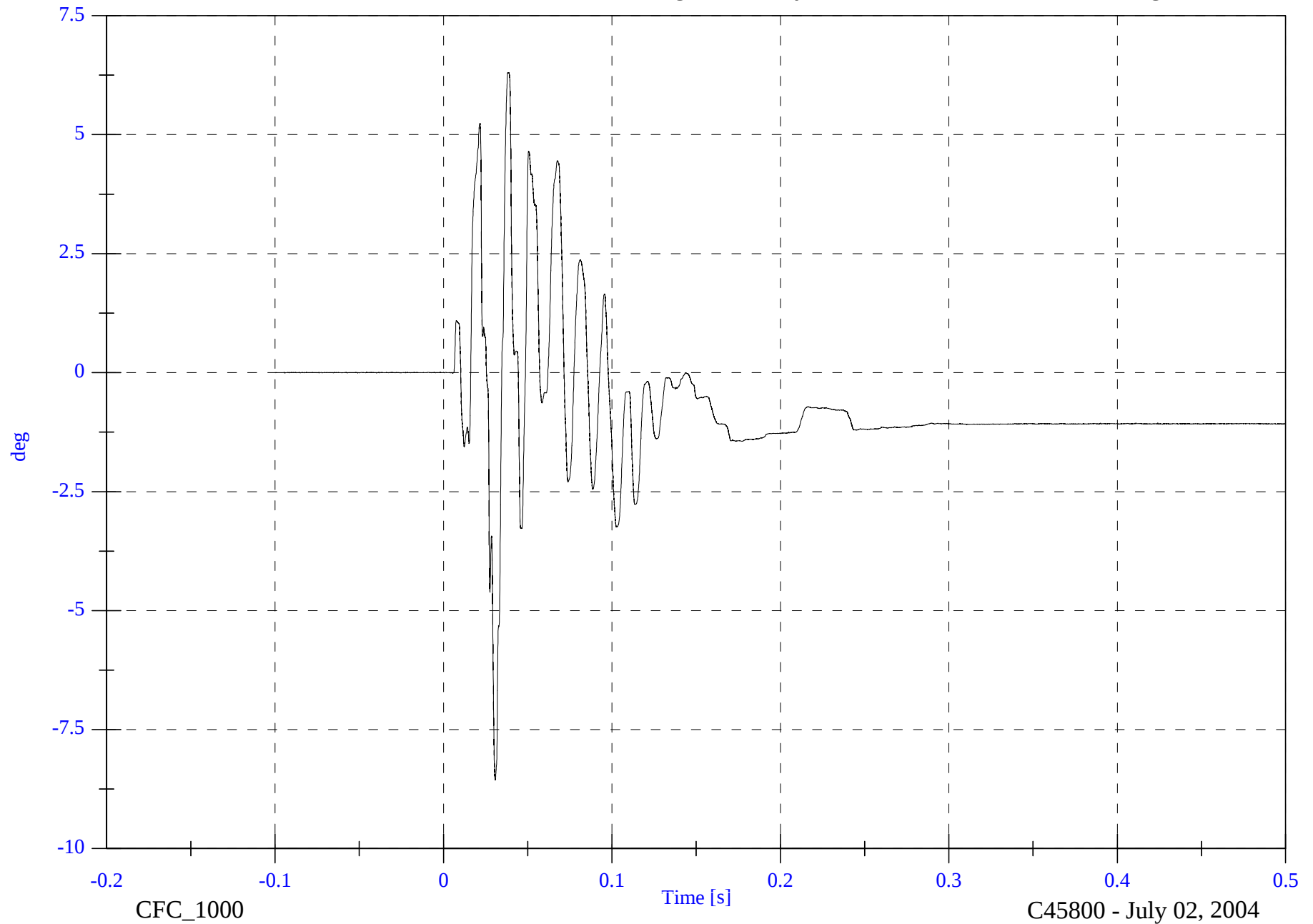


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Right Link Ady

Max: 6.3 [deg] at 0.038 [s]

Min: -8.6 [deg] at 0.031 [s]



B-123

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

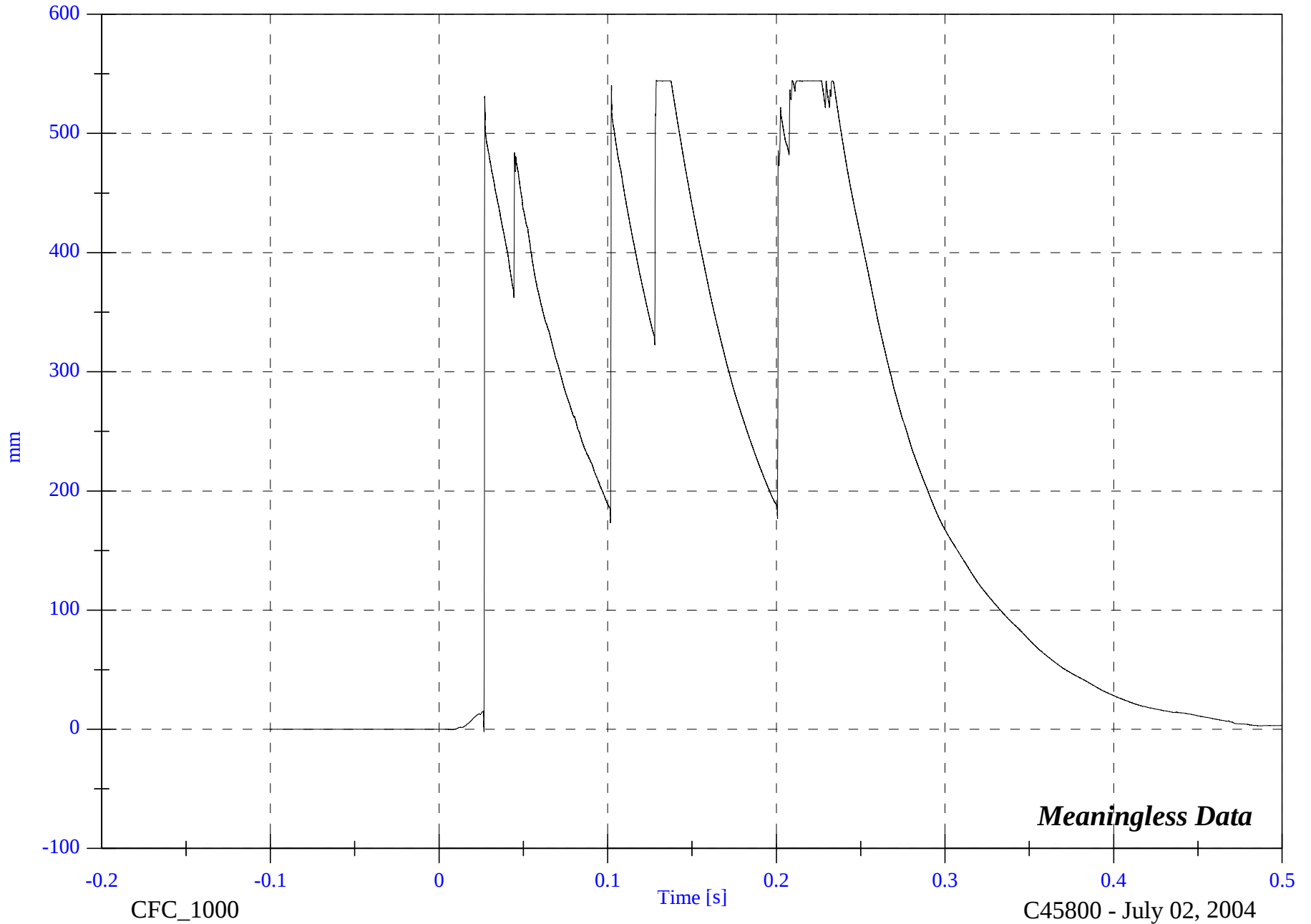
V2P3 Left Span Bar Displacement

Max: 544.6 [mm] at 0.129 [s]

Min: -2.2 [mm] at 0.027 [s]

B-124

8655-F301-22R



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

V2P3 Right Span Bar Displacement

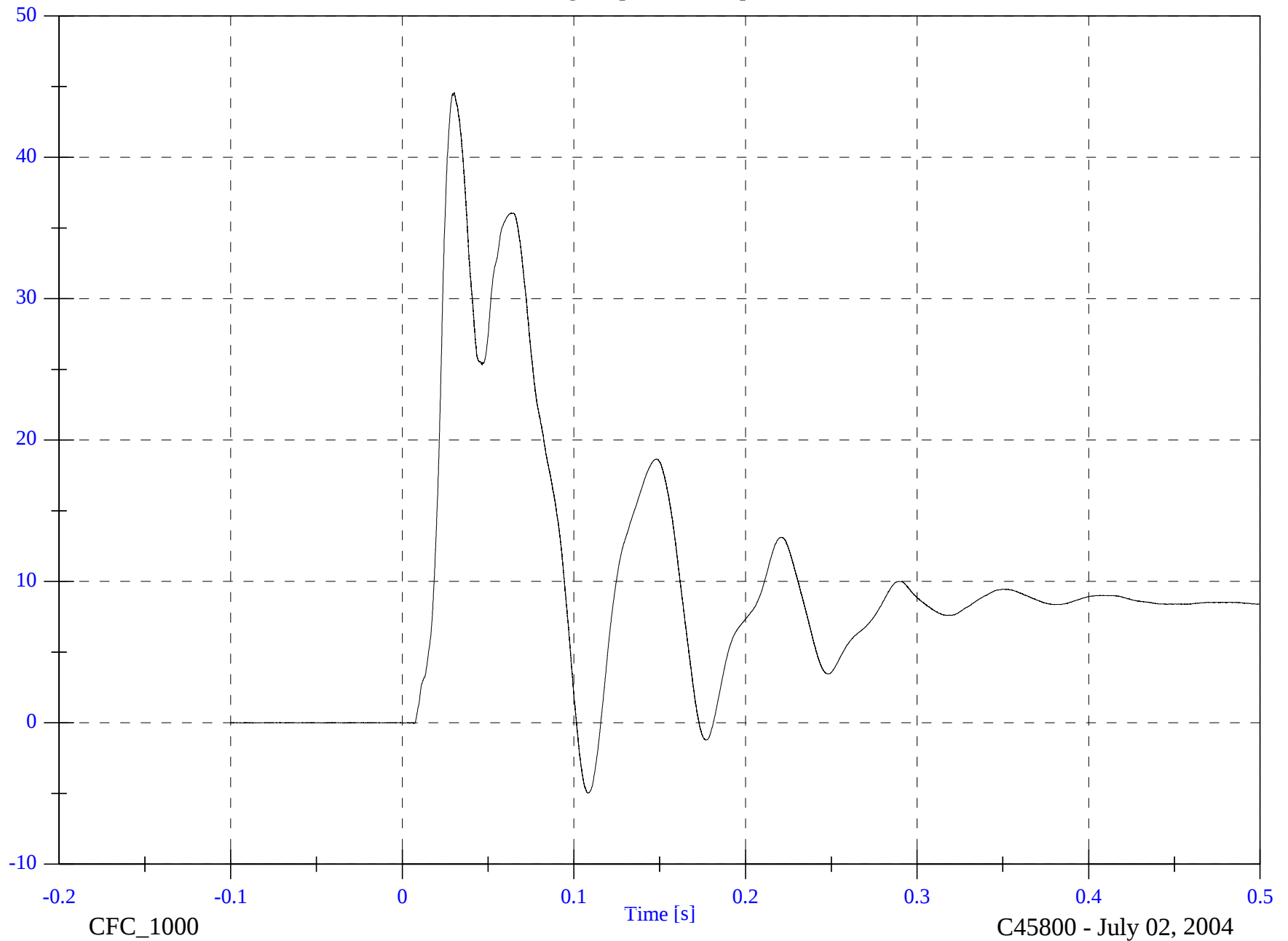
Max: 44.6 [mm] at 0.030 [s]

Min: -5.0 [mm] at 0.109 [s]

B-125

8655-F301-22R

mm



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

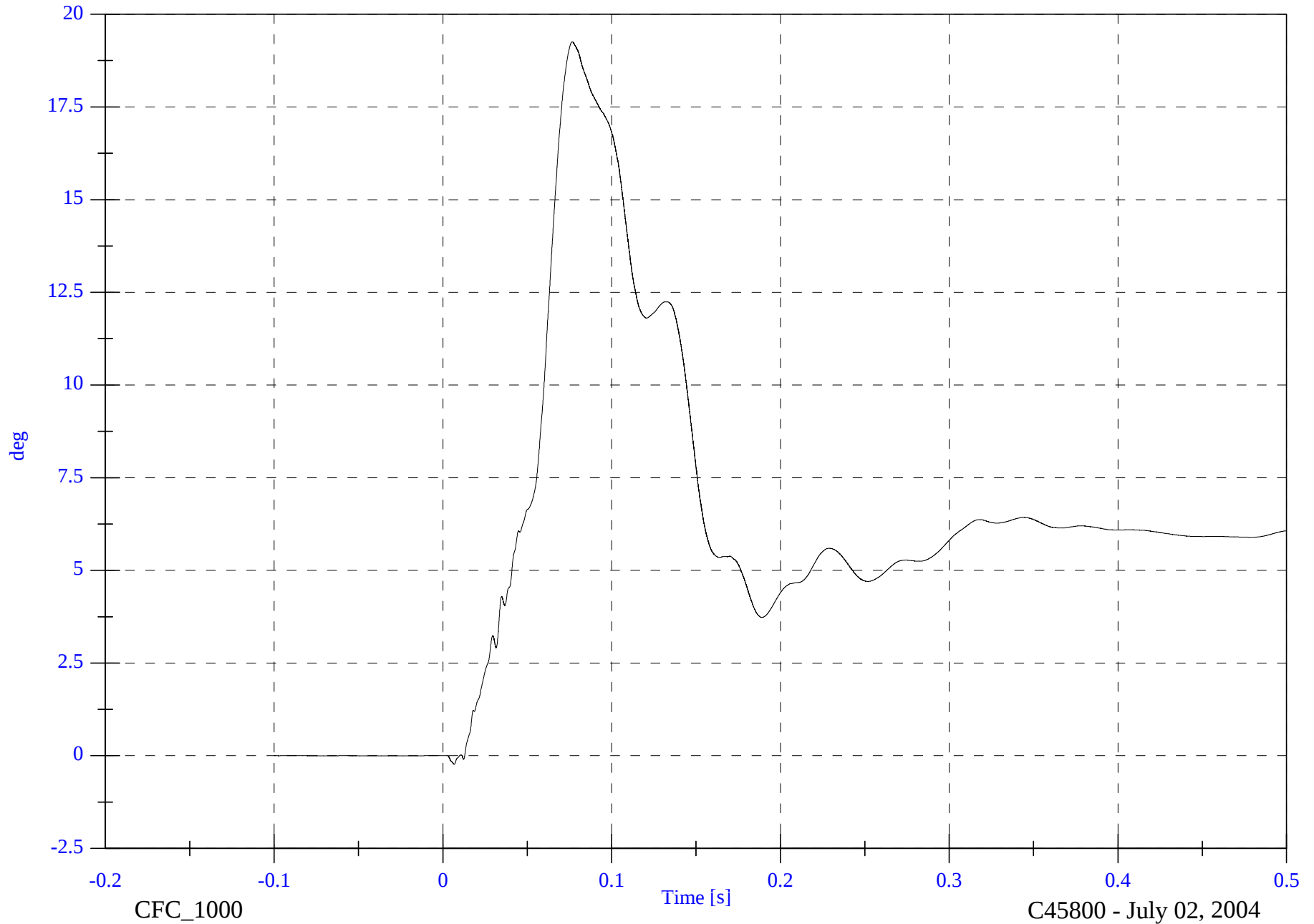
P1 Left Change in Seat Back Angle WRT Sill

Max: 19.3 [deg] at 0.077 [s]

Min: -0.2 [deg] at 0.007 [s]

B-126

8655-F301-22R

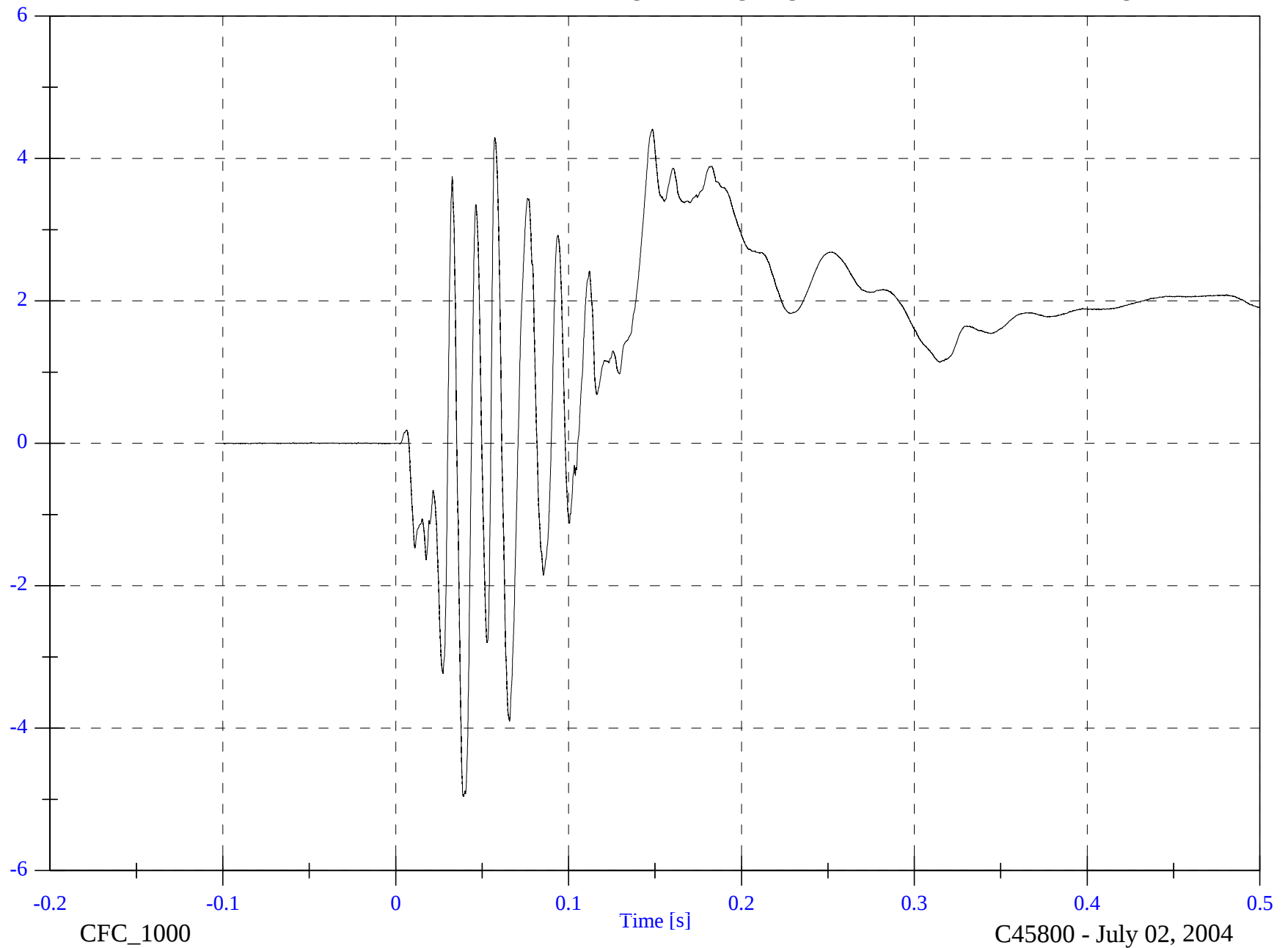


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P1 Left Change in String Angle

Max: 4.4 [deg] at 0.148 [s]

Min: -5.0 [deg] at 0.039 [s]



B-127

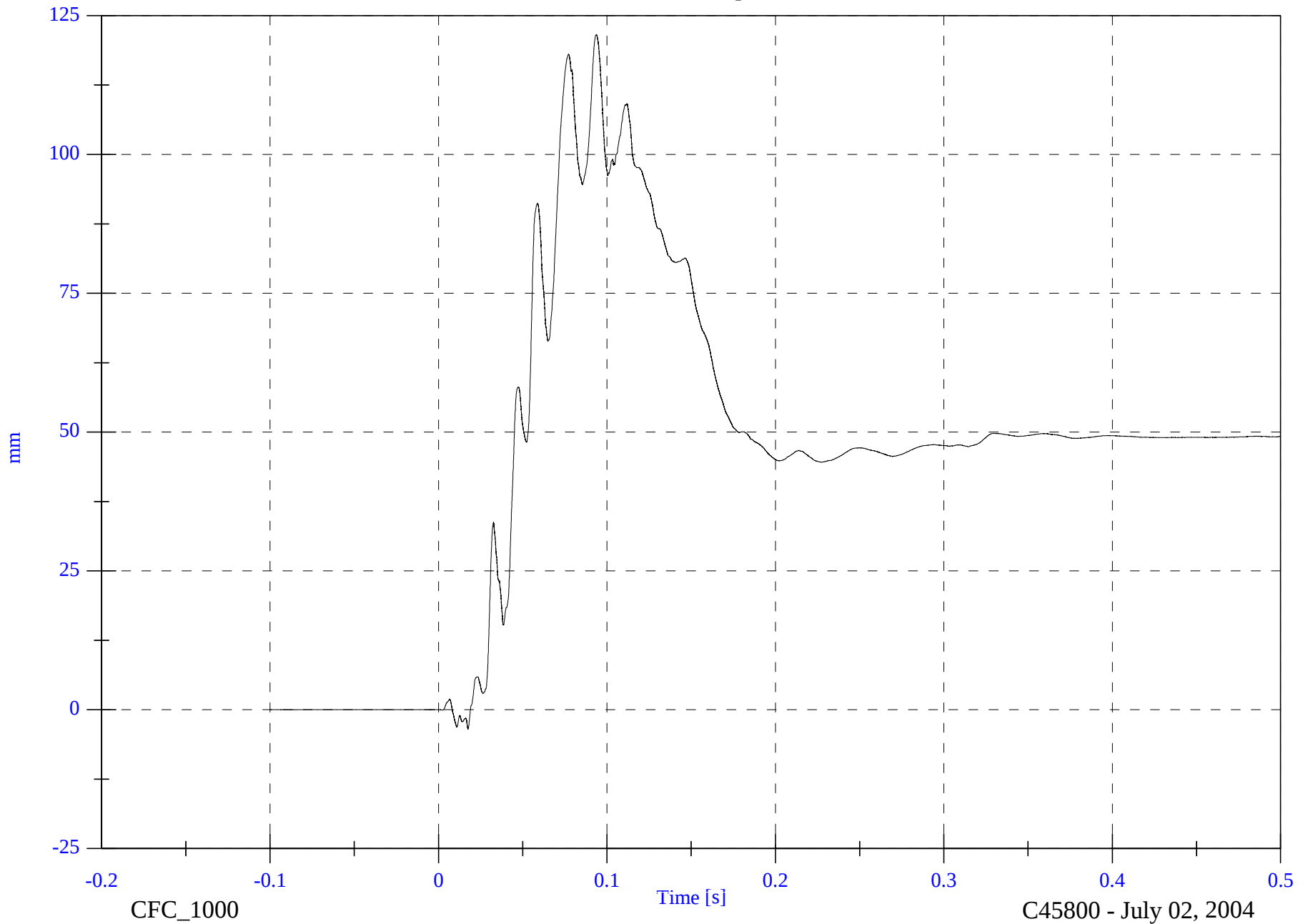
8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P1 Left Seat X Displacement

Max: 121.5 [mm] at 0.094 [s]

Min: -3.5 [mm] at 0.018 [s]



B-128

8655-F301-22R

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

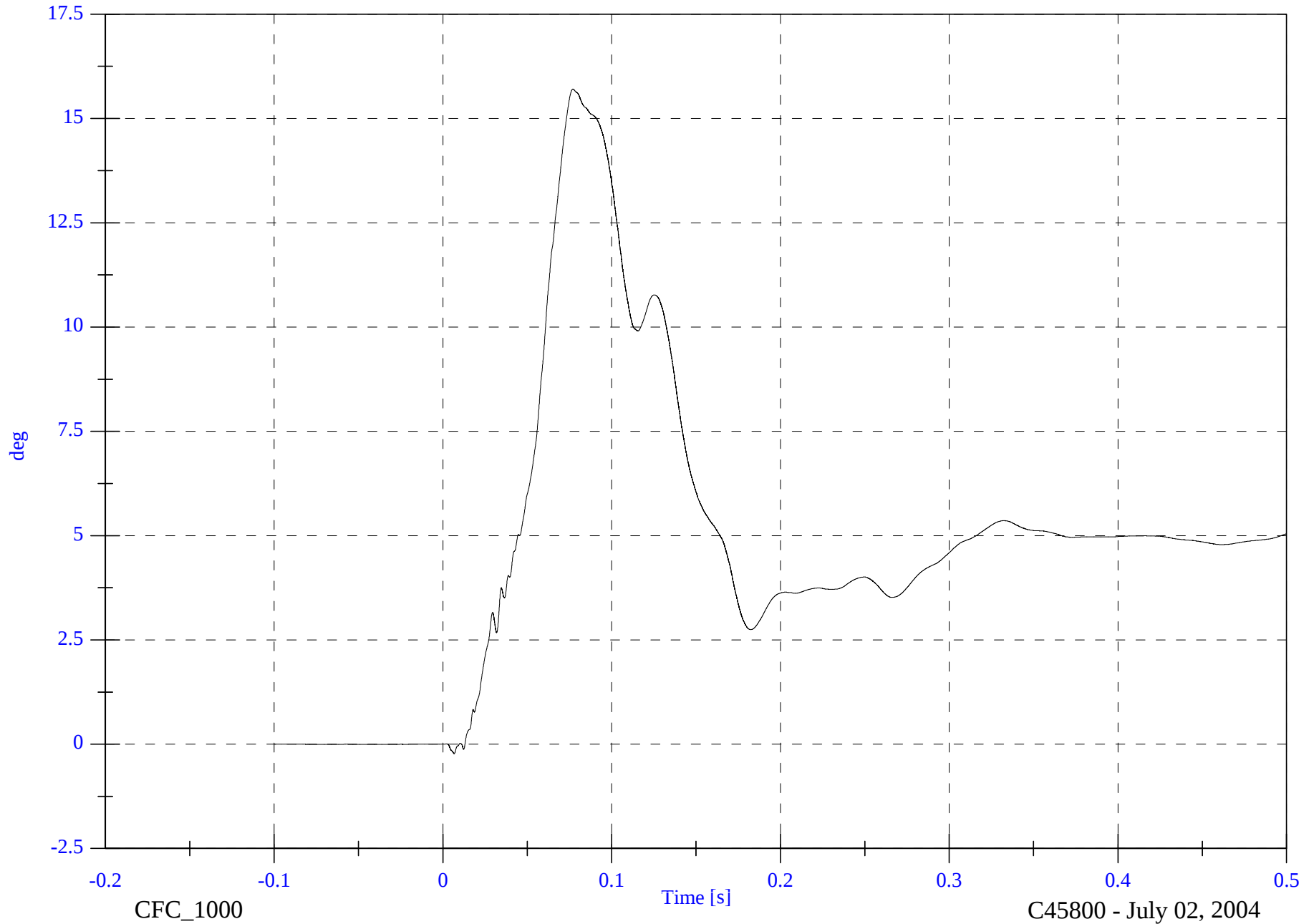
P1 Right Change in Seat Back Angle WRT Sill

Max: 15.7 [deg] at 0.077 [s]

Min: -0.2 [deg] at 0.007 [s]

B-129

8655-F301-22R

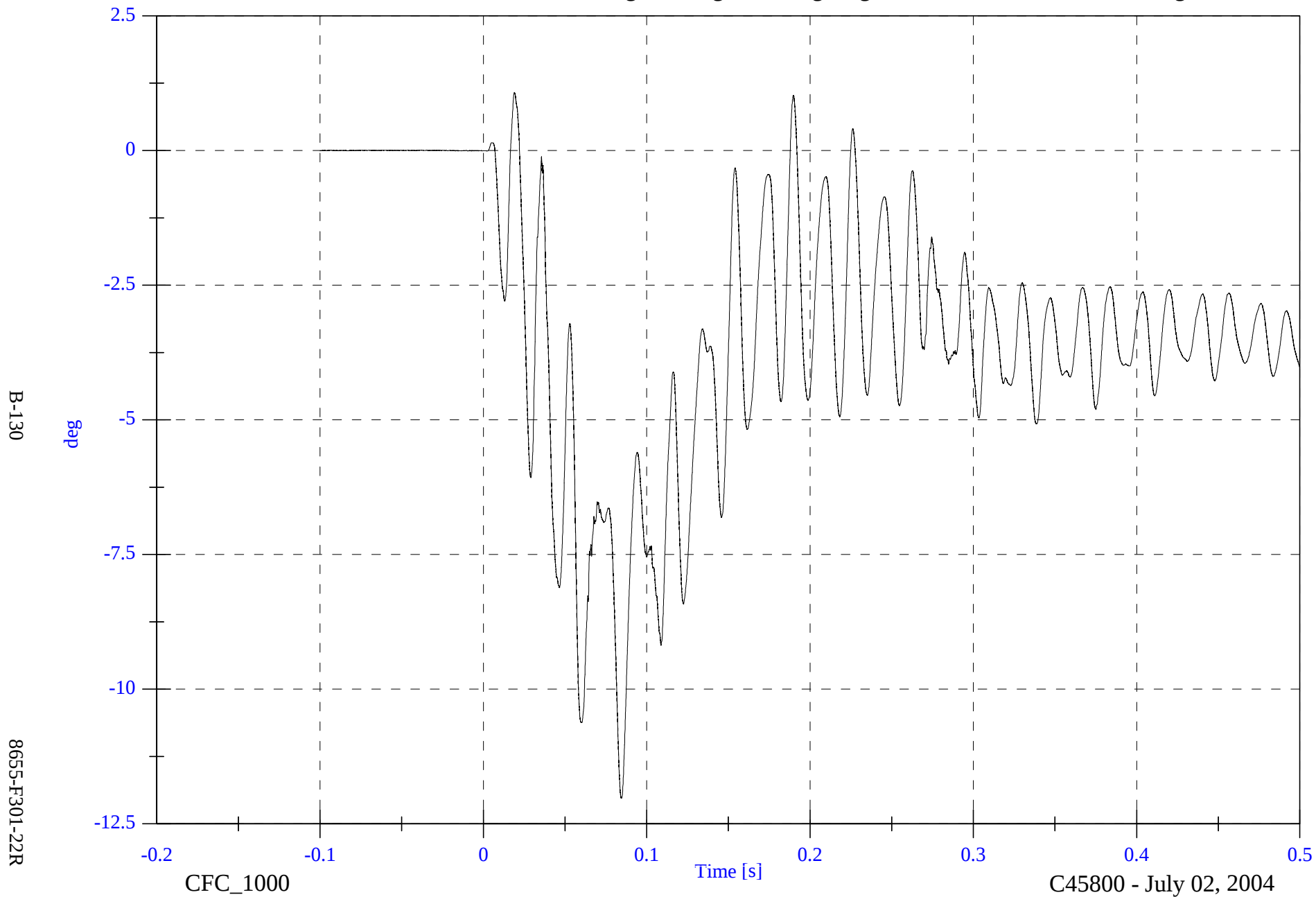


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P1 Right Change in String Angle

Max: 1.1 [deg] at 0.019 [s]

Min: -12.0 [deg] at 0.085 [s]



2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

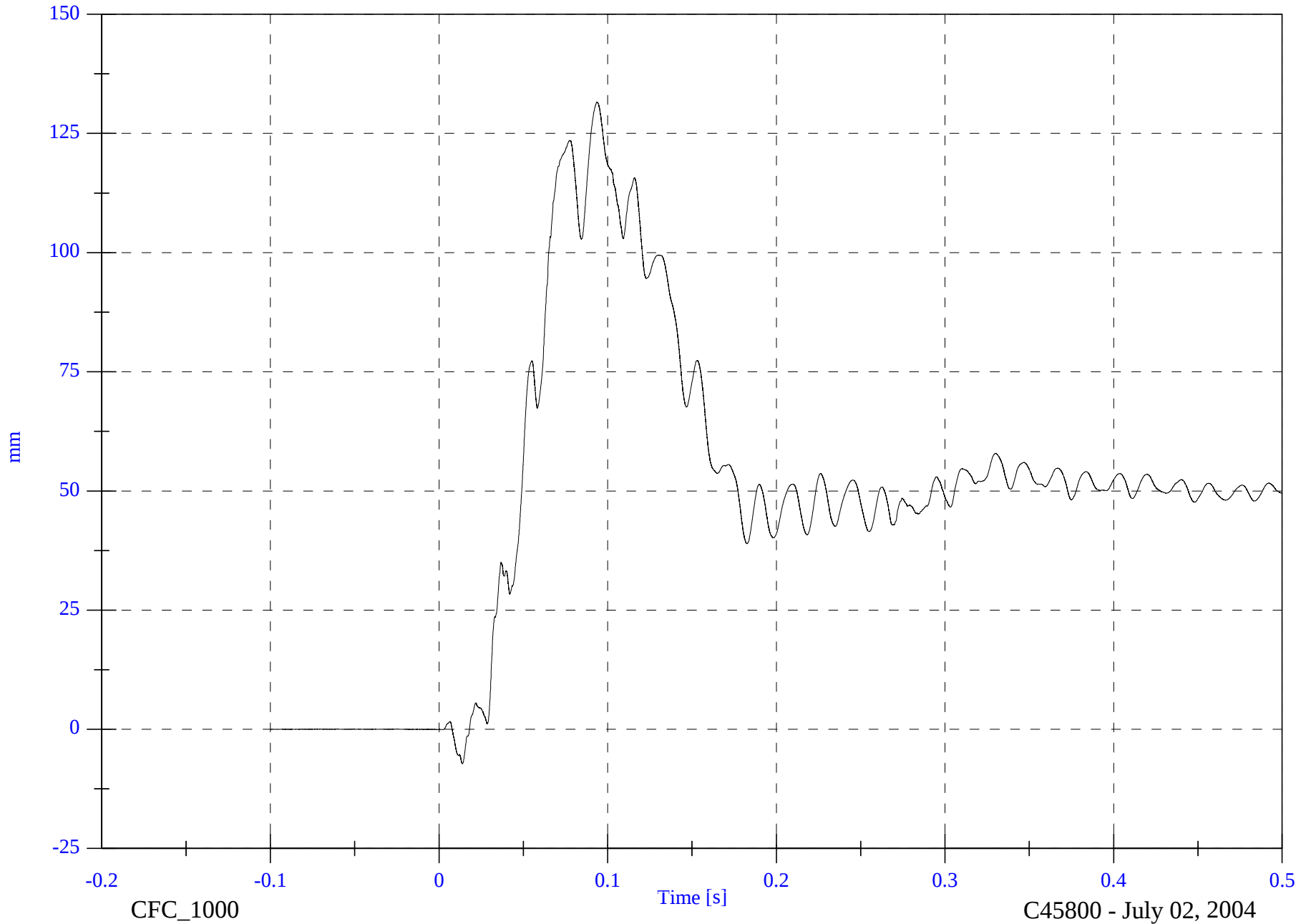
P1 Right Seat X Displacement

Max: 131.5 [mm] at 0.093 [s]

Min: -7.2 [mm] at 0.014 [s]

B-131

8655-F301-22R

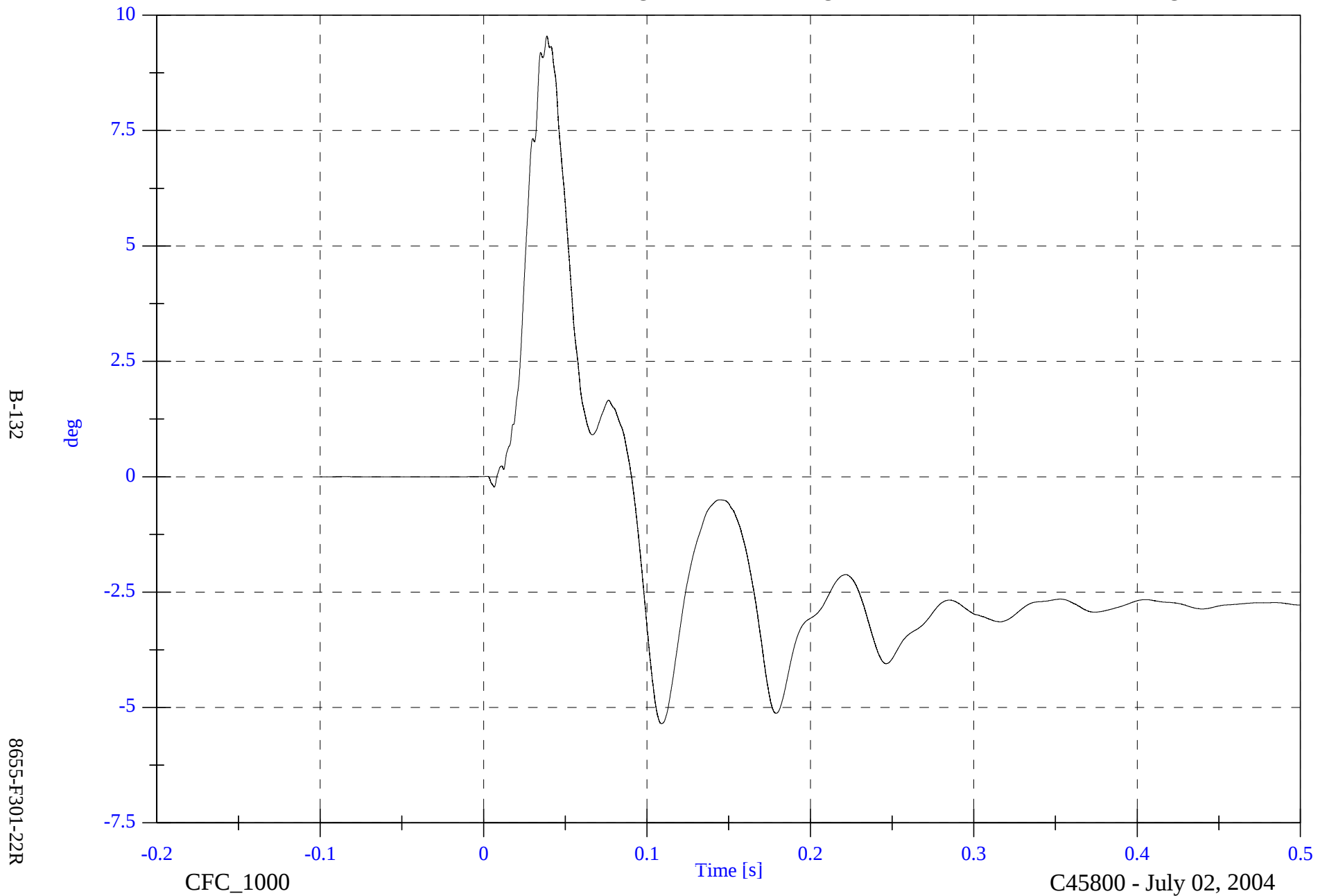


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P3 Left Change in Seat Back Angle WRT Sill

Max: 9.5 [deg] at 0.039 [s]

Min: -5.3 [deg] at 0.109 [s]

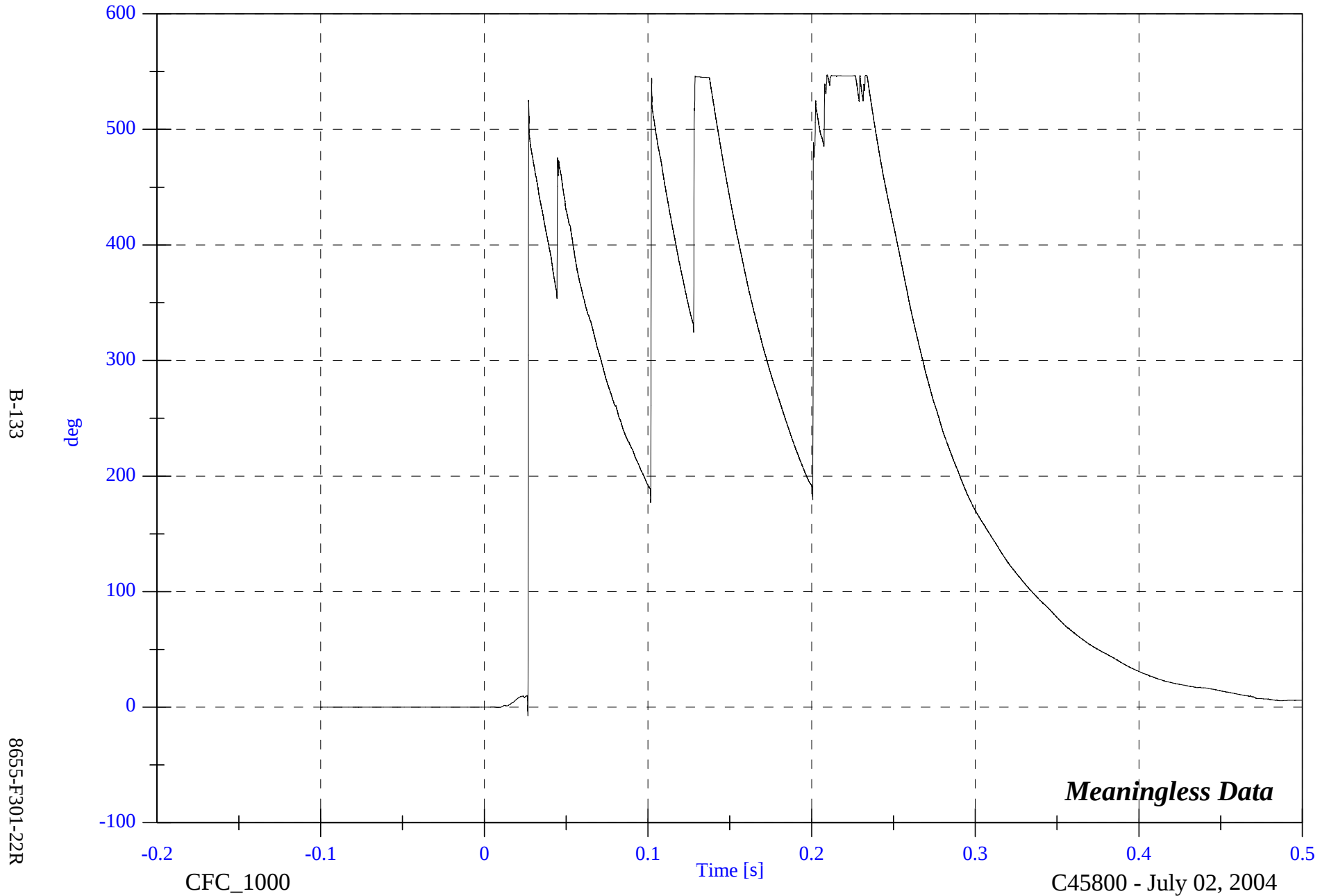


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P3 Left Change in String Angle

Max: 547.0 [deg] at 0.209 [s]

Min: -7.7 [deg] at 0.027 [s]

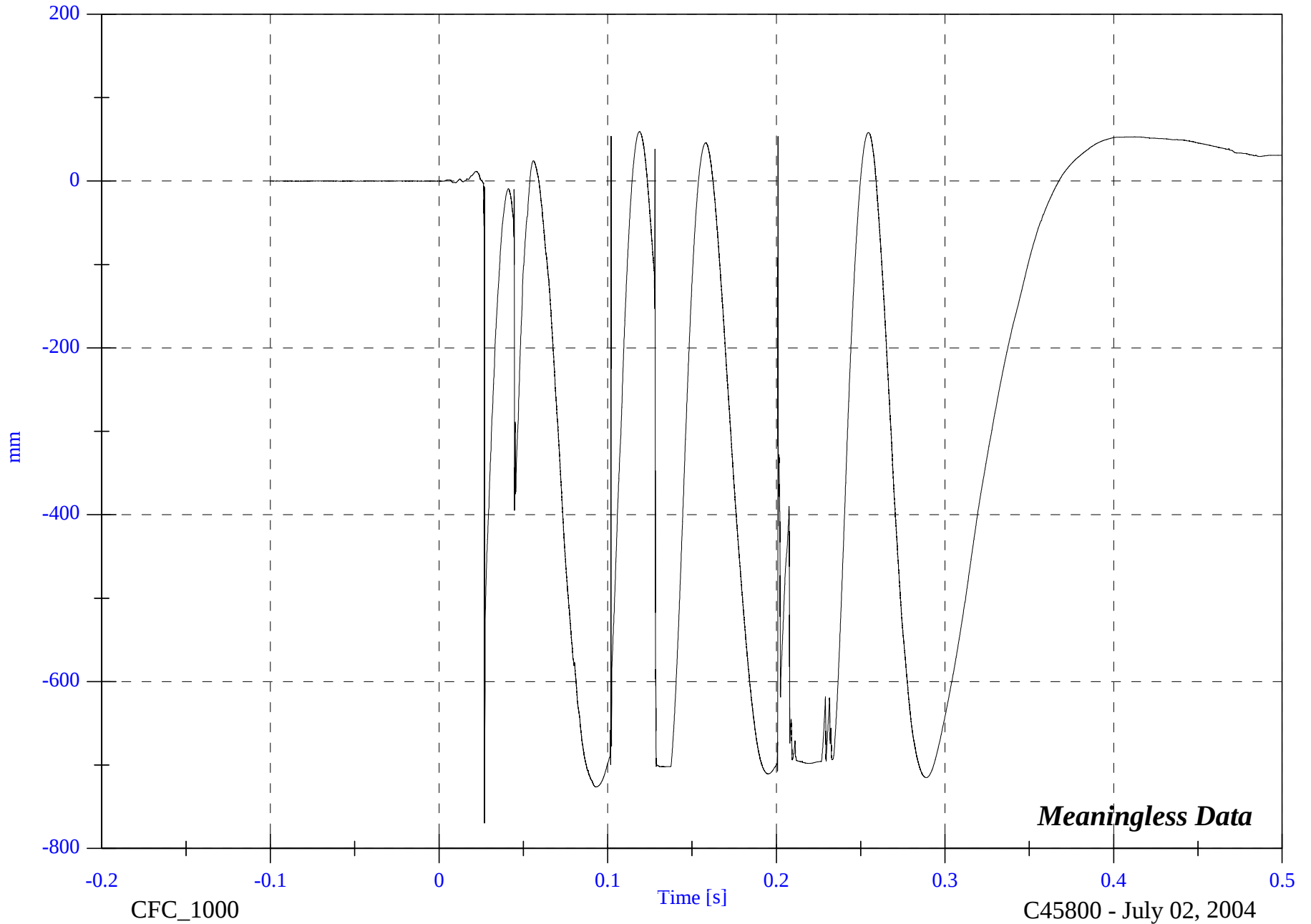


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P3 Left Seat X Displacement

Max: 59.2 [mm] at 0.119 [s]

Min: -769.6 [mm] at 0.027 [s]



B-134

8655-F301-22R

CFC_1000

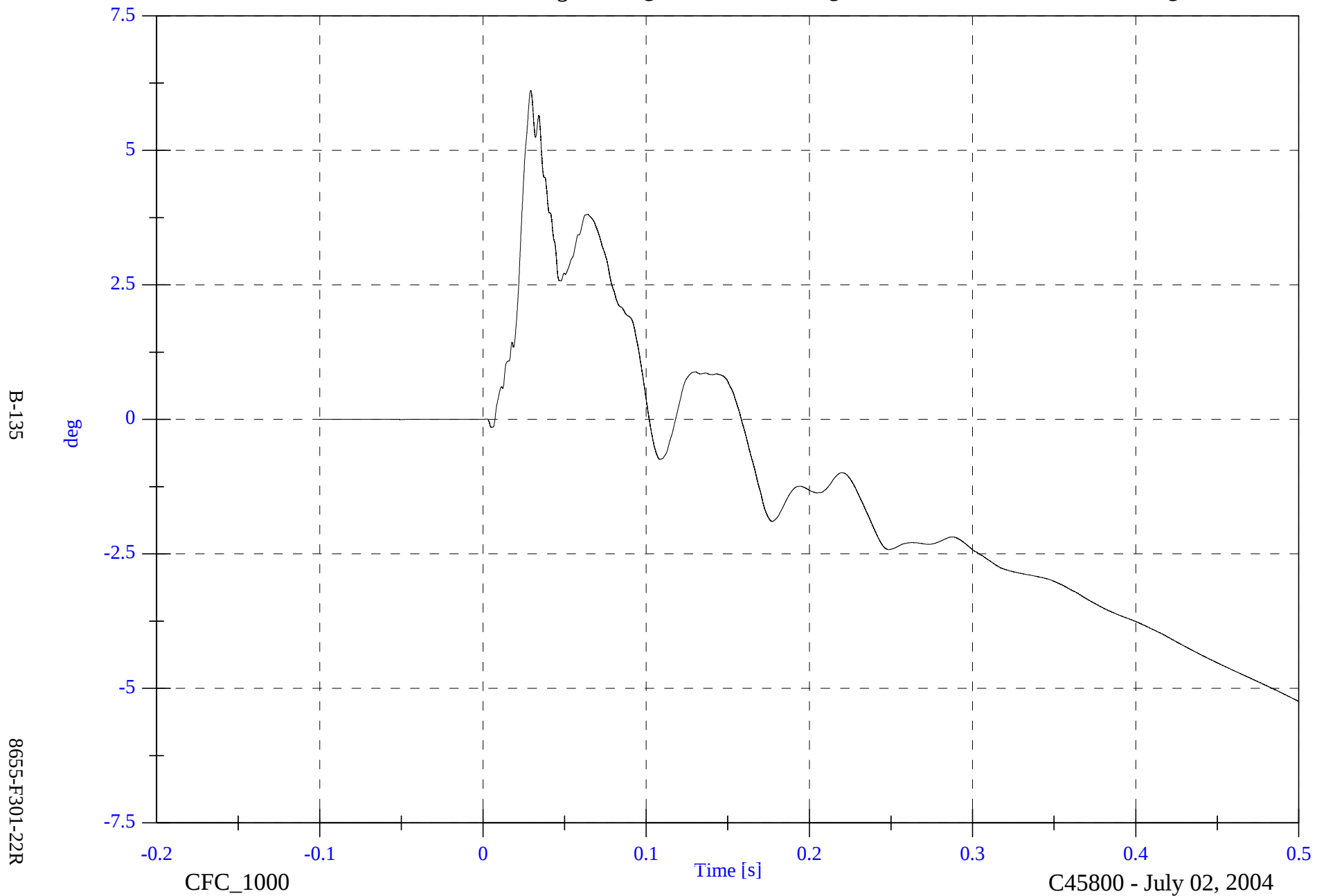
C45800 - July 02, 2004

2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P3 Right Change in Seat Back Angle WRT Sill

Max: 6.1 [deg] at 0.029 [s]

Min: -5.2 [deg] at 0.500 [s]

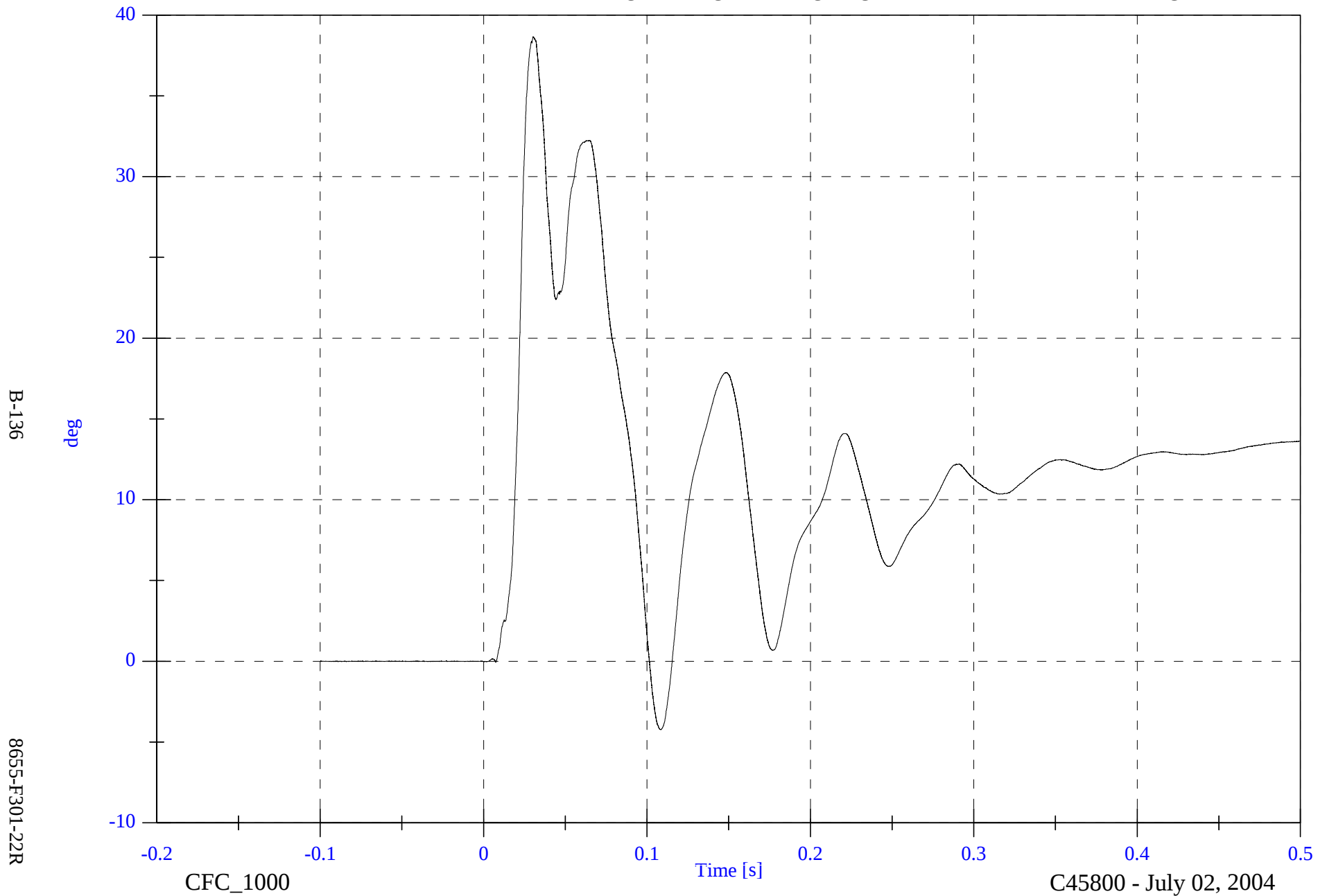


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P3 Right Change in String Angle

Max: 38.7 [deg] at 0.030 [s]

Min: -4.2 [deg] at 0.109 [s]

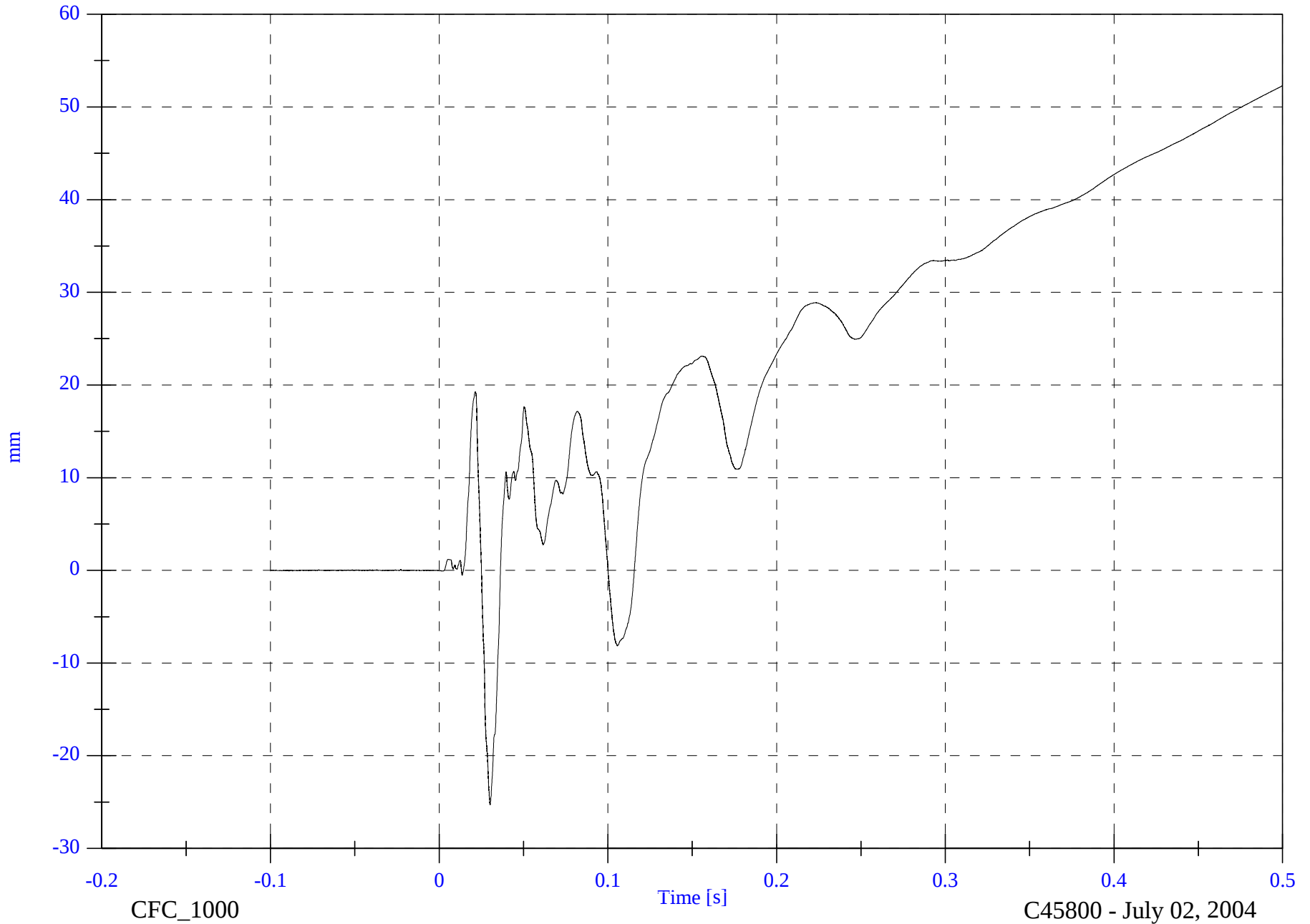


2004 FMVSS 301 Test #5 - 2004 Volkswagen Touareg

P3 Right Seat X Displacement

Max: 52.3 [mm] at 0.500 [s]

Min: -25.3 [mm] at 0.030 [s]



B-137

8655-F301-22R