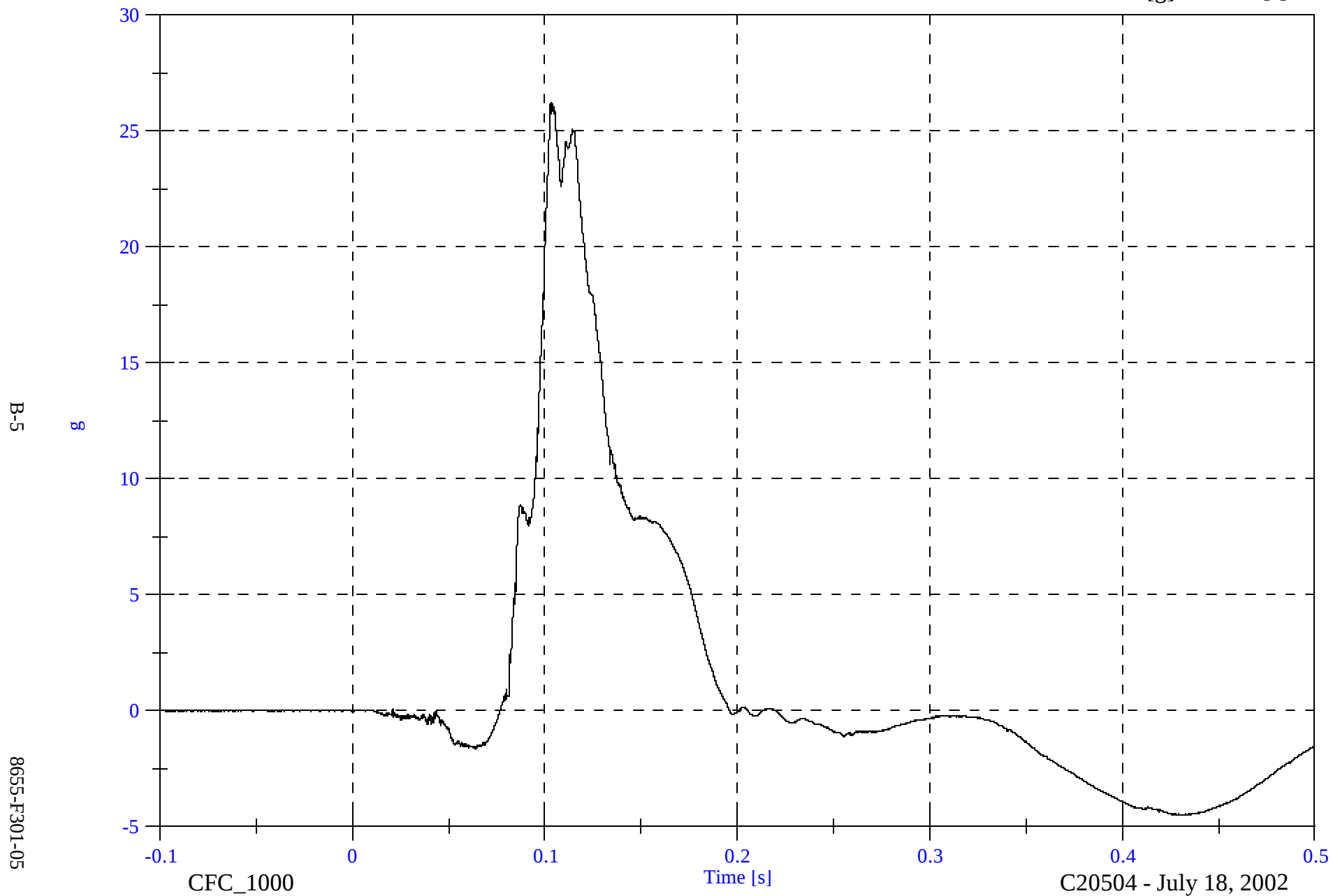


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 26.2 [g] at 0.104 [s]

Min: -4.5 [g] at 0.427 [s]

P1 Head x

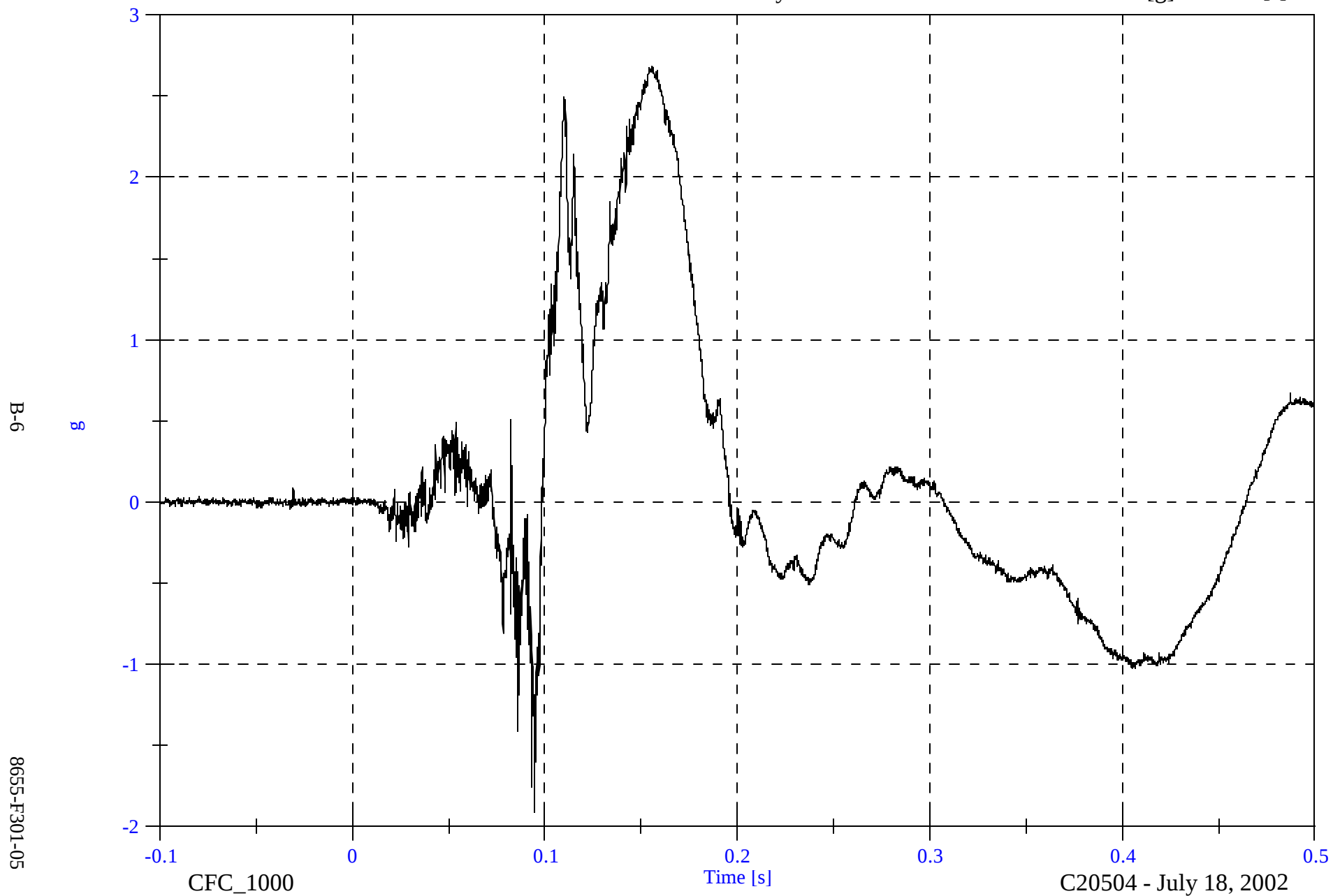


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 2.7 [g] at 0.156 [s]

Min: -1.9 [g] at 0.095 [s]

P1 Head y

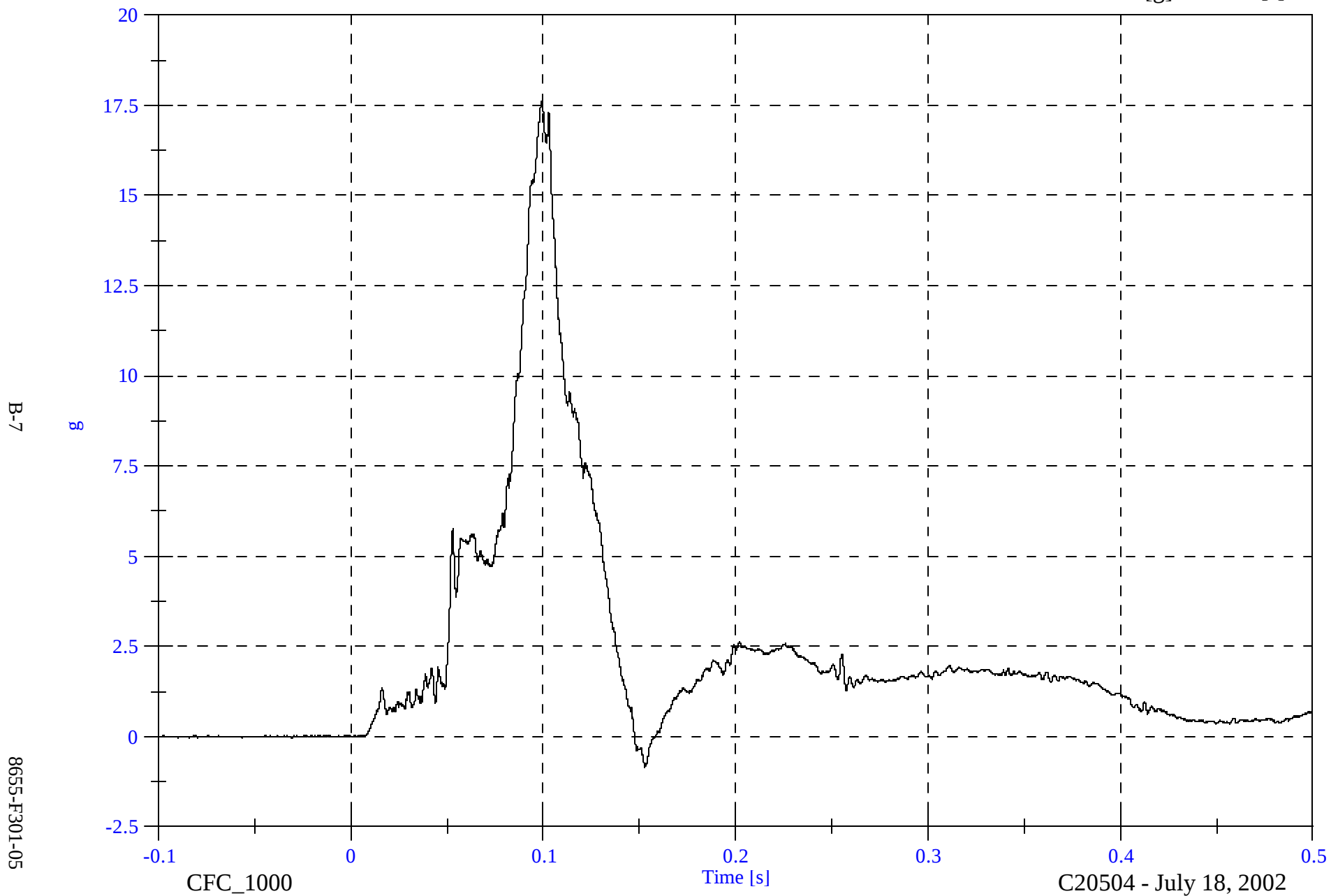


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 17.6 [g] at 0.099 [s]

Min: -0.8 [g] at 0.153 [s]

P1 Head z

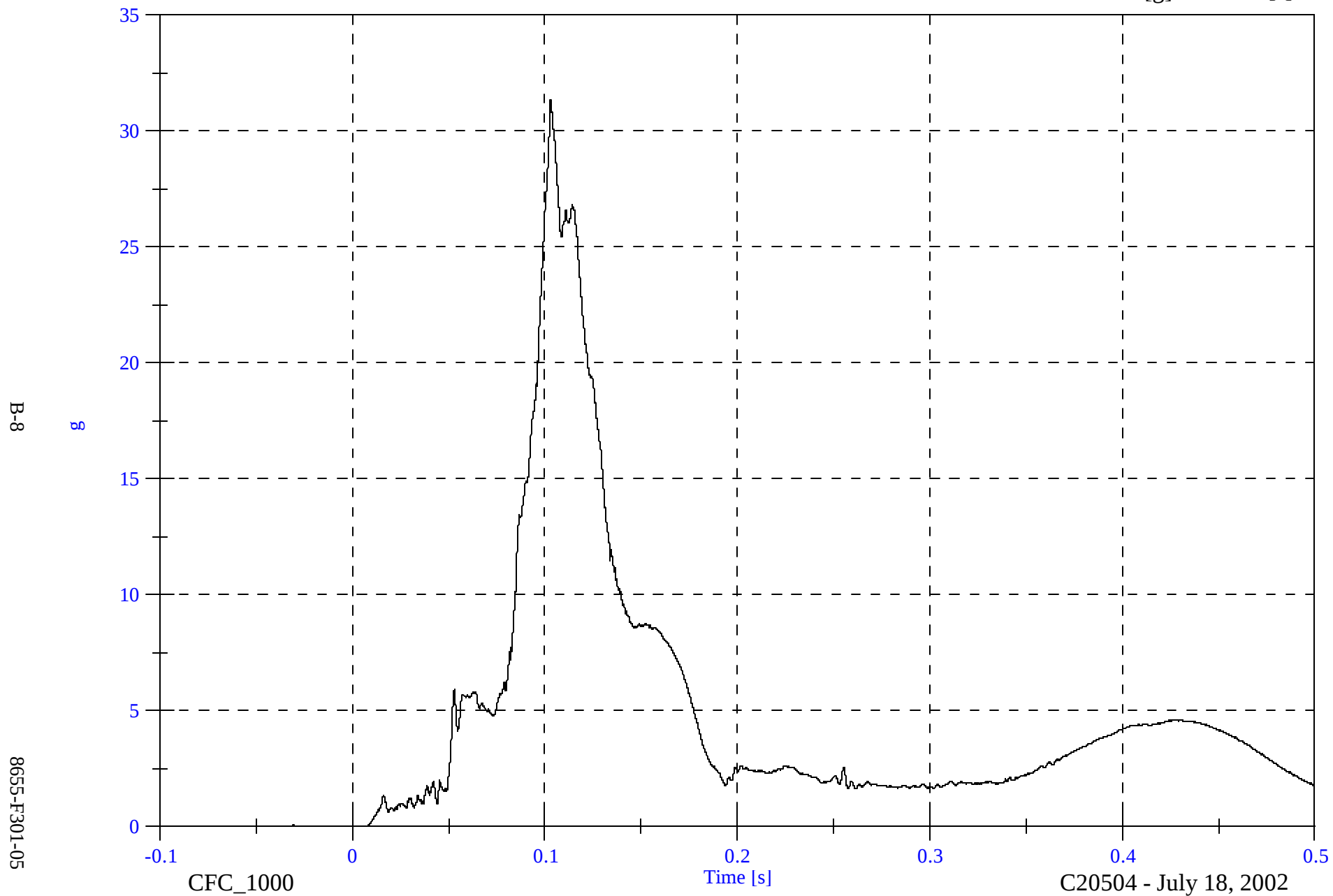


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Head Resultant

Max: 31.4 [g] at 0.103 [s]

Min: 0.0 [g] at -0.011 [s]

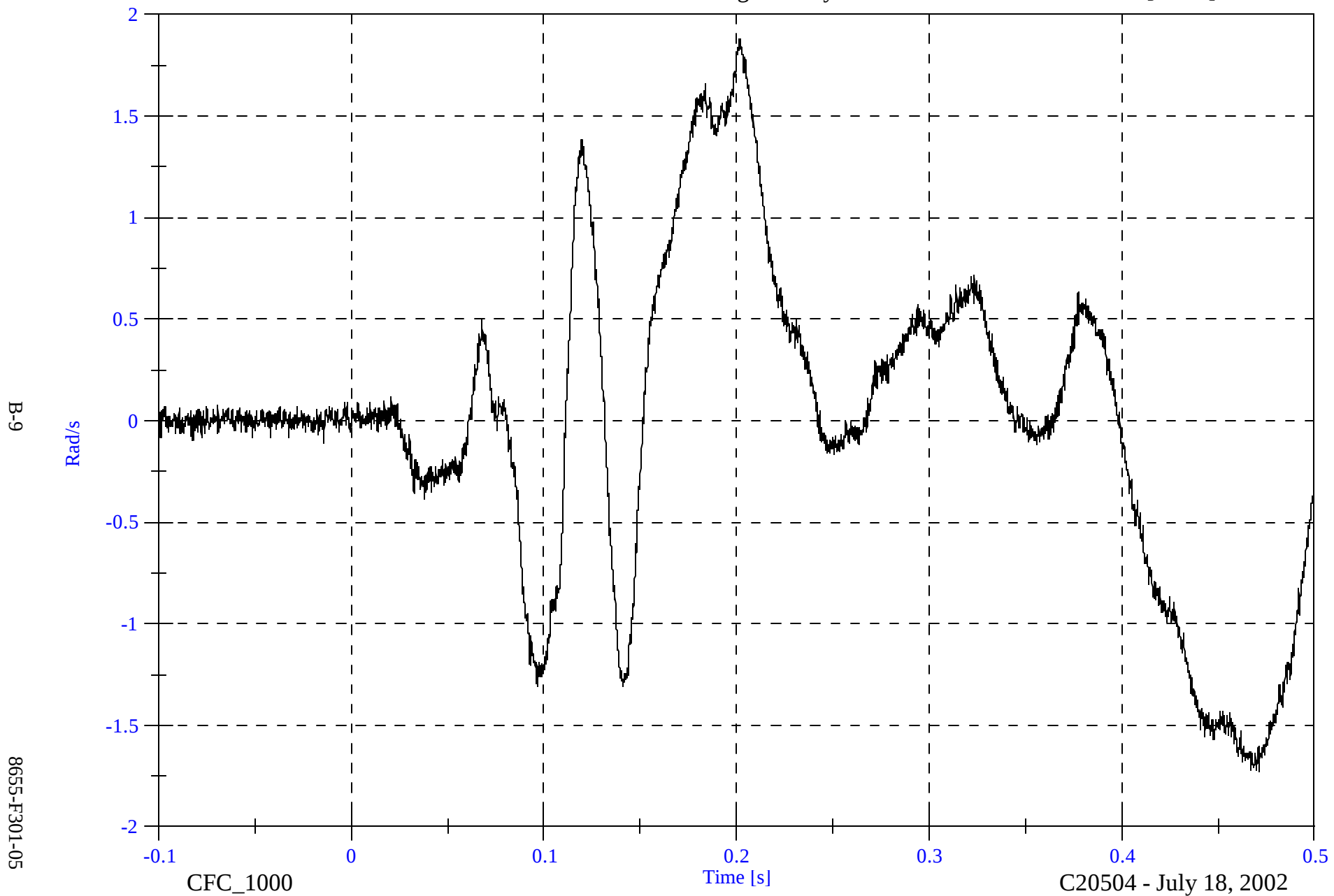


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Head Ang Velocity x

Max: 1.9 [Rad/s] at 0.202 [s]

Min: -1.7 [Rad/s] at 0.471 [s]

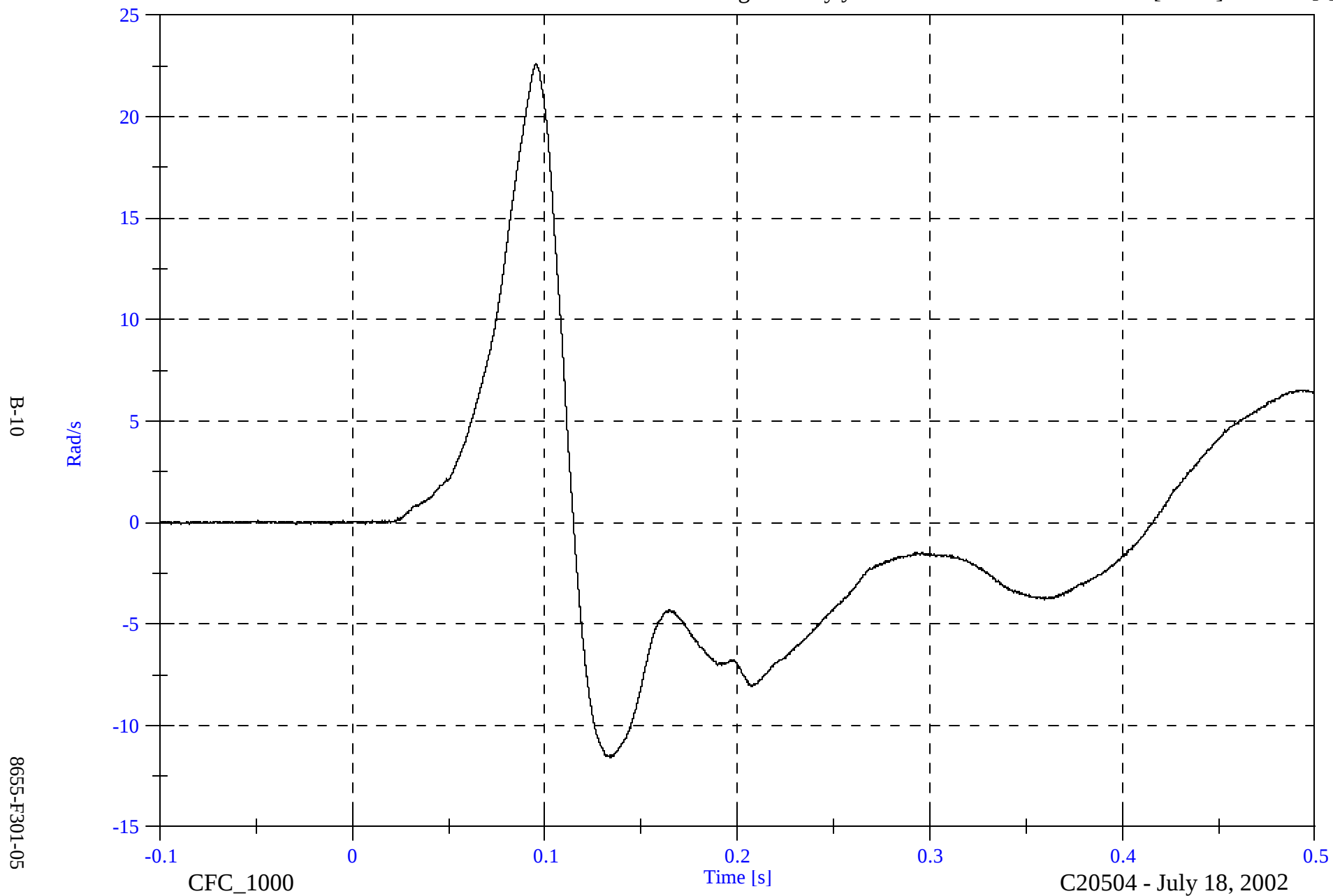


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 22.6 [Rad/s] at 0.096 [s]

Min: -11.6 [Rad/s] at 0.134 [s]

P1 Head Ang Velocity y

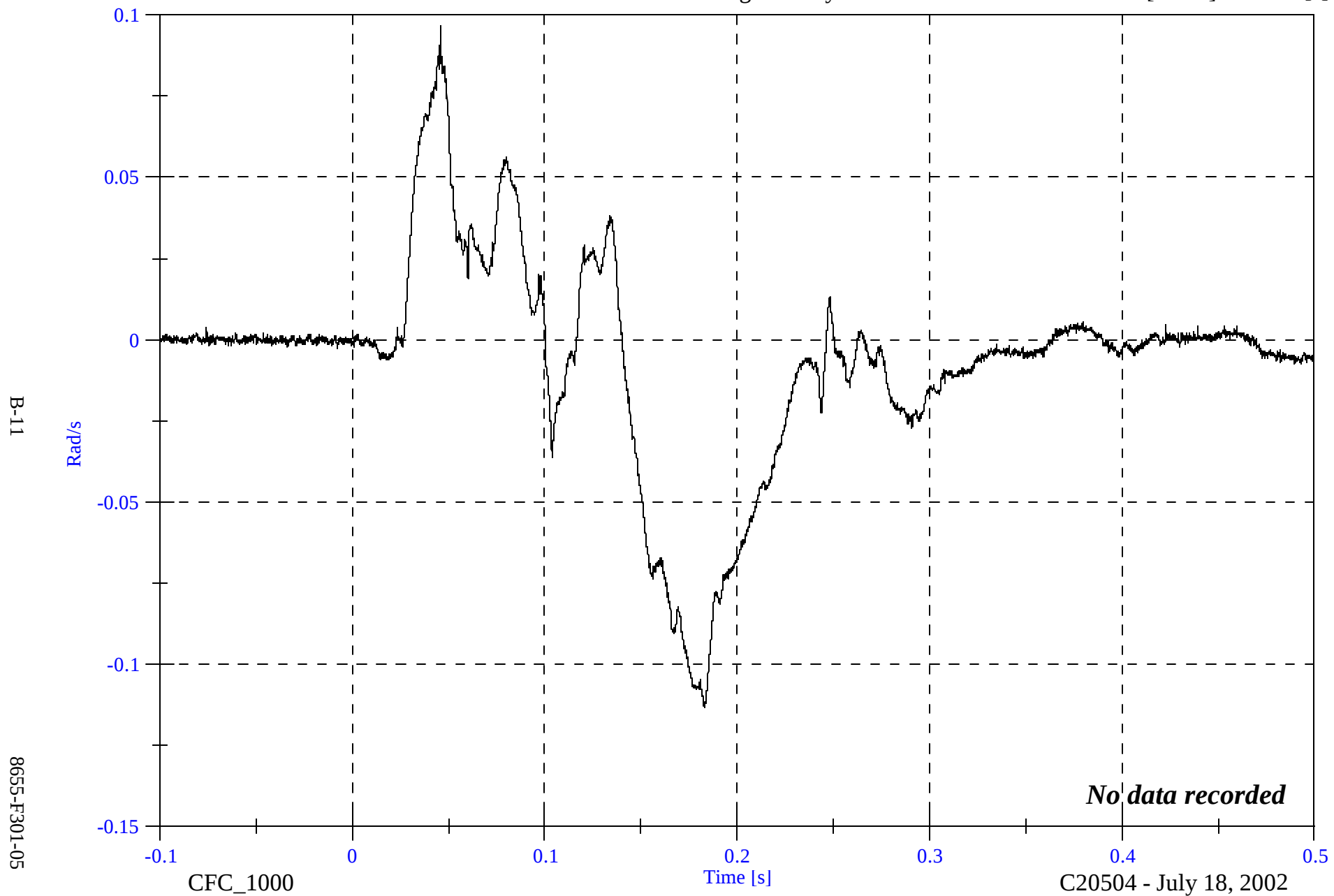


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 0.1 [Rad/s] at 0.046 [s]

Min: -0.1 [Rad/s] at 0.183 [s]

P1 Head Ang Velocity z



FMVSS301 Test #5 - 2002 Suzuki Aerio

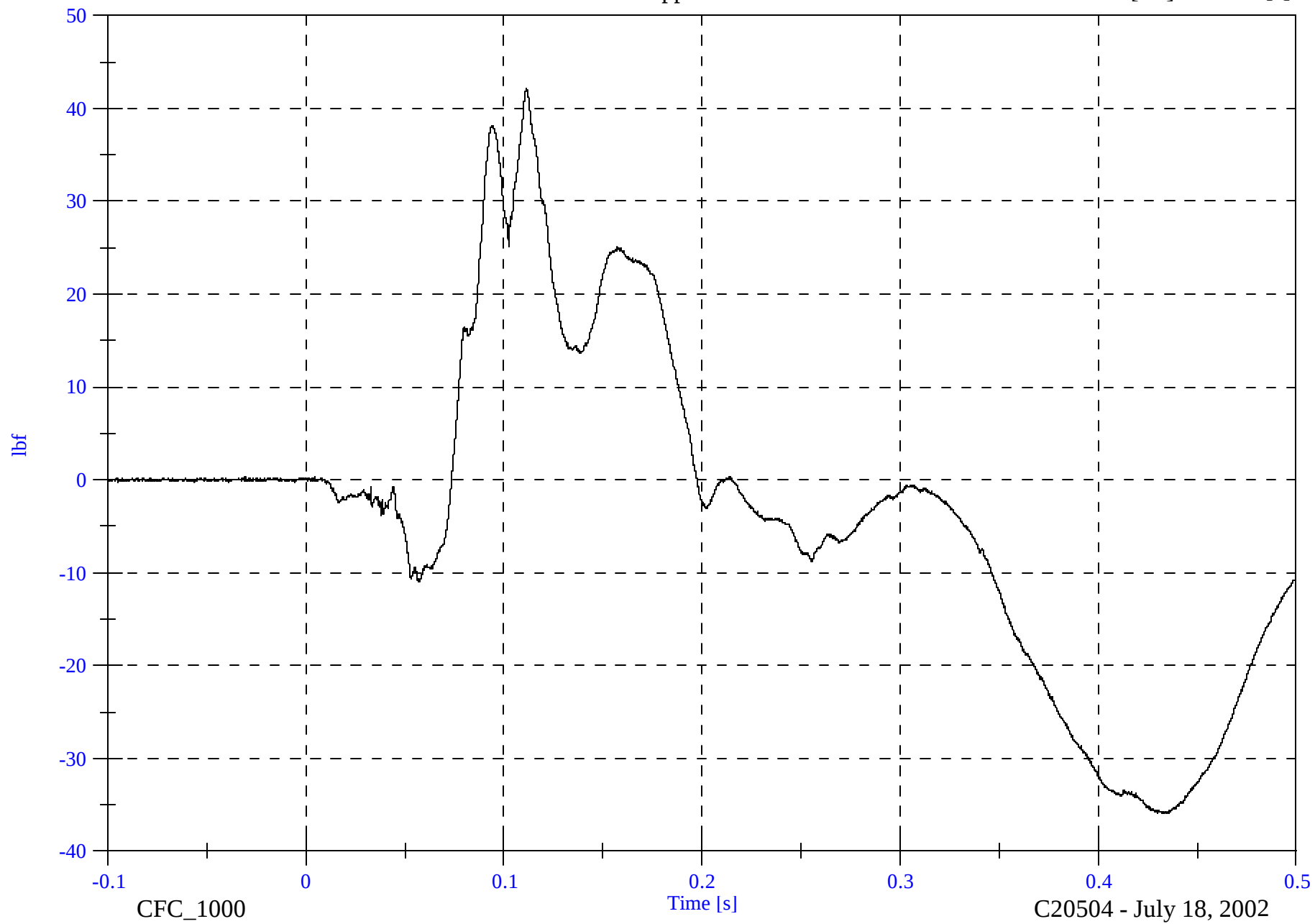
P1 Upper Neck Fx

Max: 42.2 [lbf] at 0.112 [s]

Min: -36.0 [lbf] at 0.434 [s]

B-12

8655-F301-05

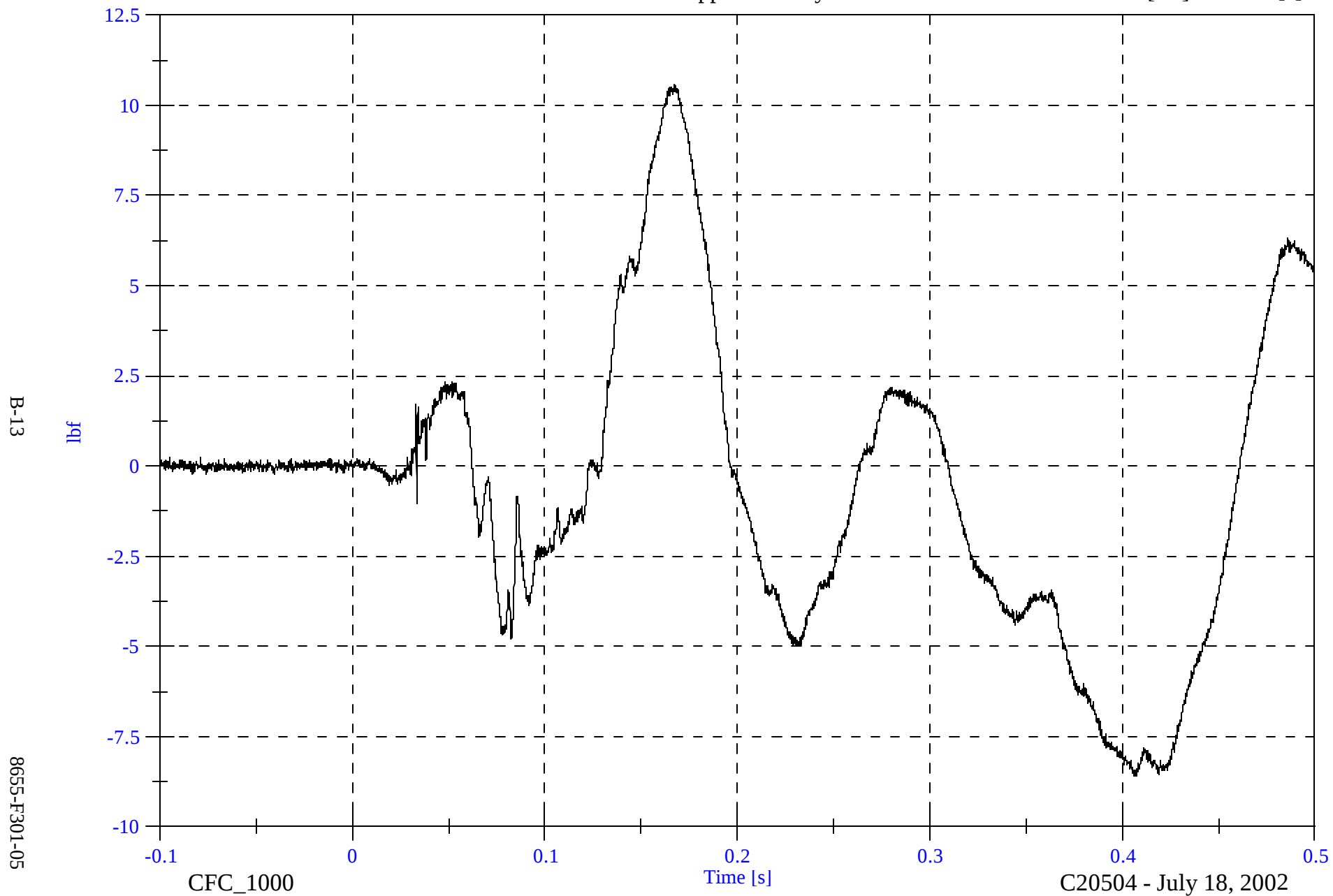


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 10.6 [lbf] at 0.168 [s]

Min: -8.6 [lbf] at 0.406 [s]

P1 Upper Neck Fy

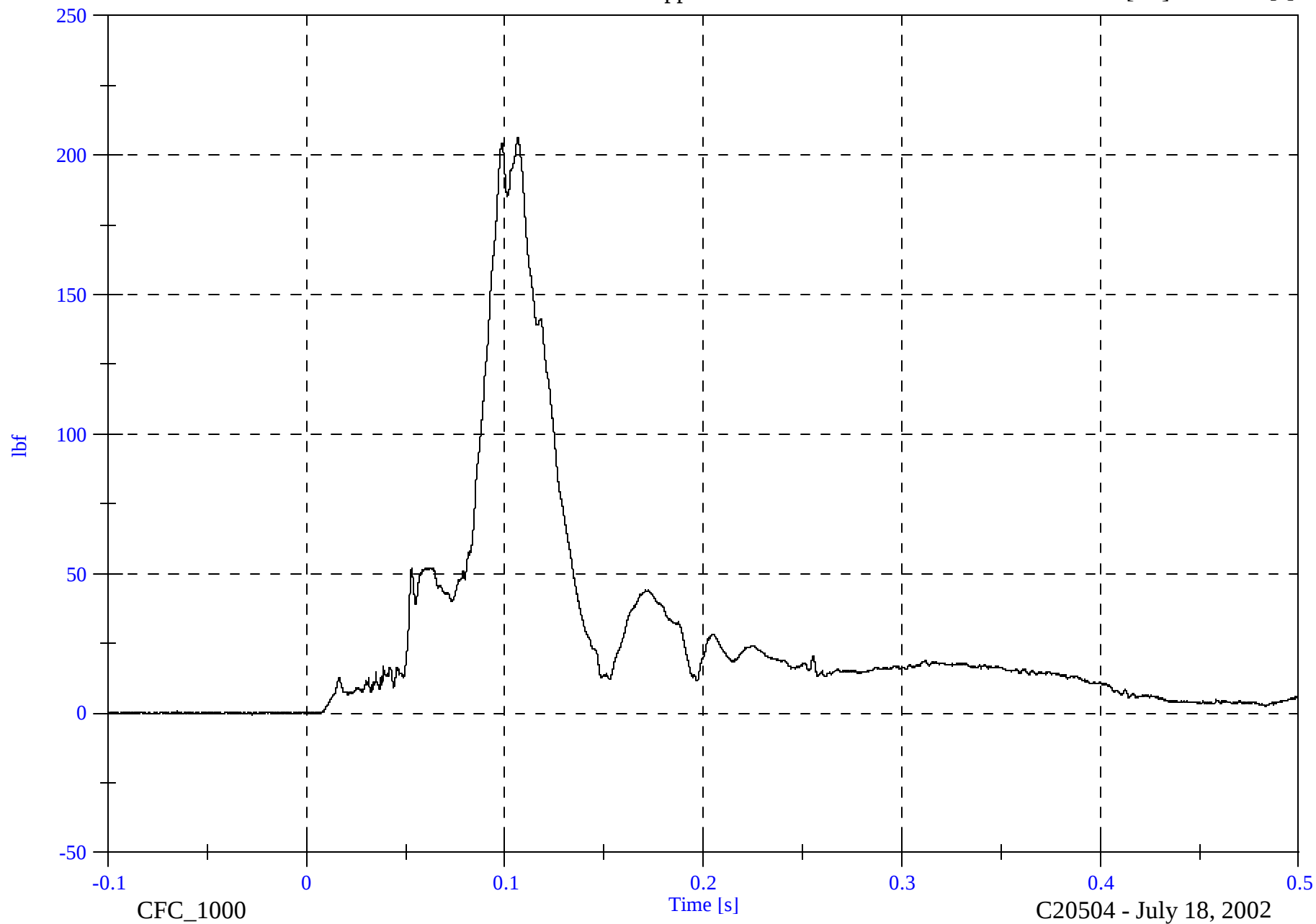


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 206.4 [lbf] at 0.107 [s]

P1 Upper Neck Fz

Min: -0.5 [lbf] at -0.027 [s]



B-14

8655-F301-05

FMVSS301 Test #5 - 2002 Suzuki Aerio

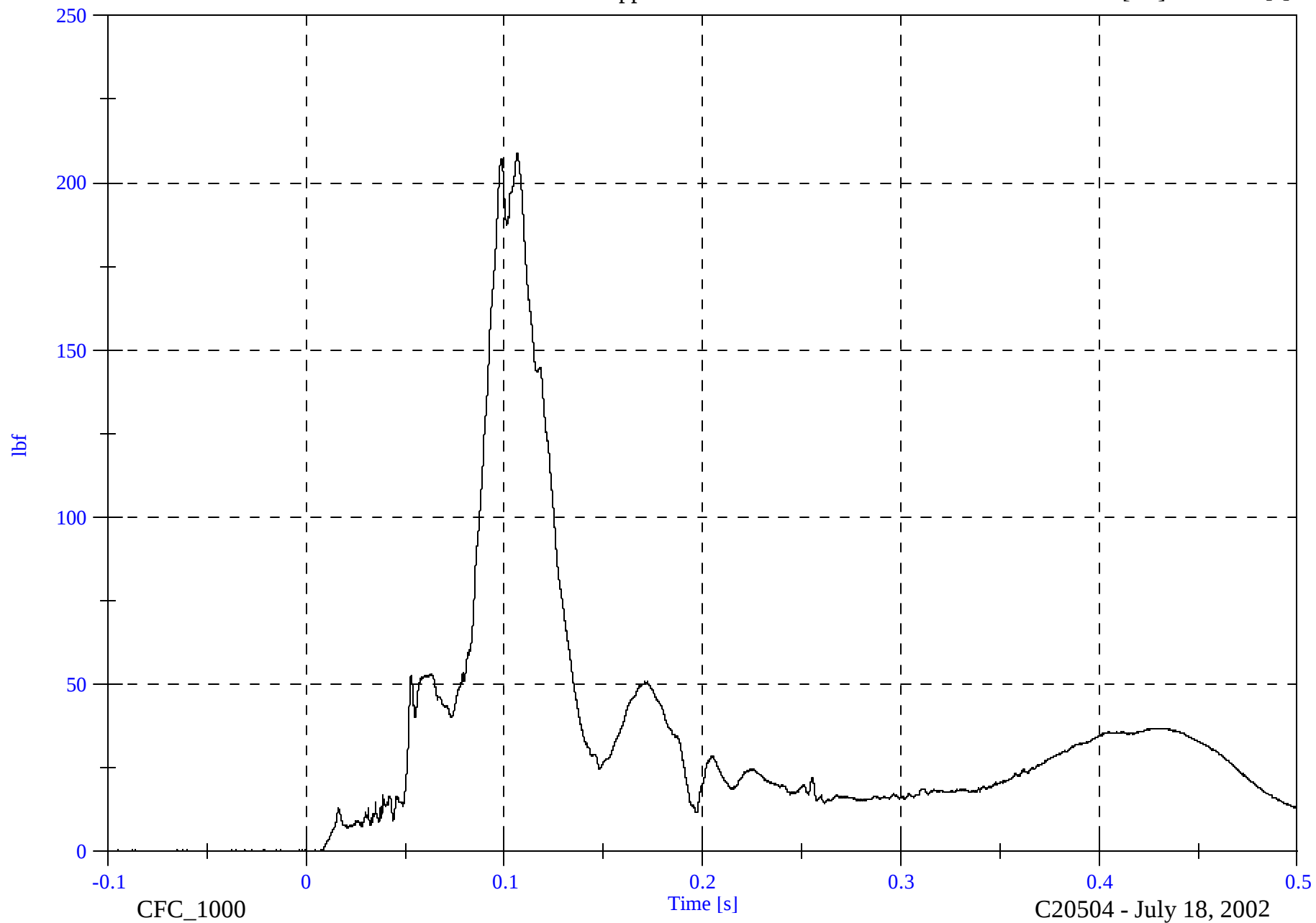
P1 Upper Neck F Resultant

Max: 209.0 [lbf] at 0.107 [s]

Min: 0.0 [lbf] at -0.079 [s]

B-15

8655-F301-05

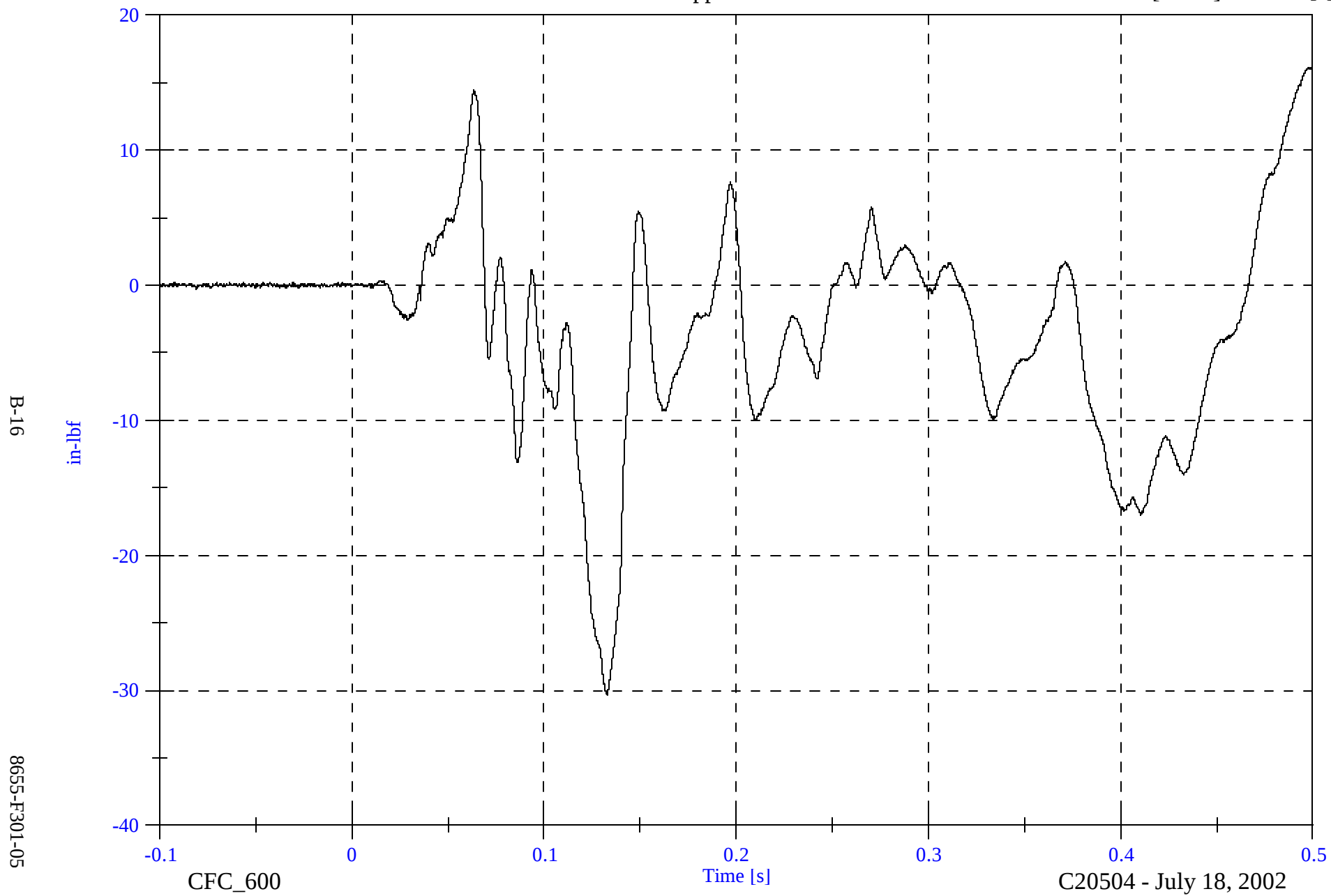


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 16.1 [in-lbf] at 0.499 [s]

P1 Upper Neck Mx

Min: -30.3 [in-lbf] at 0.133 [s]

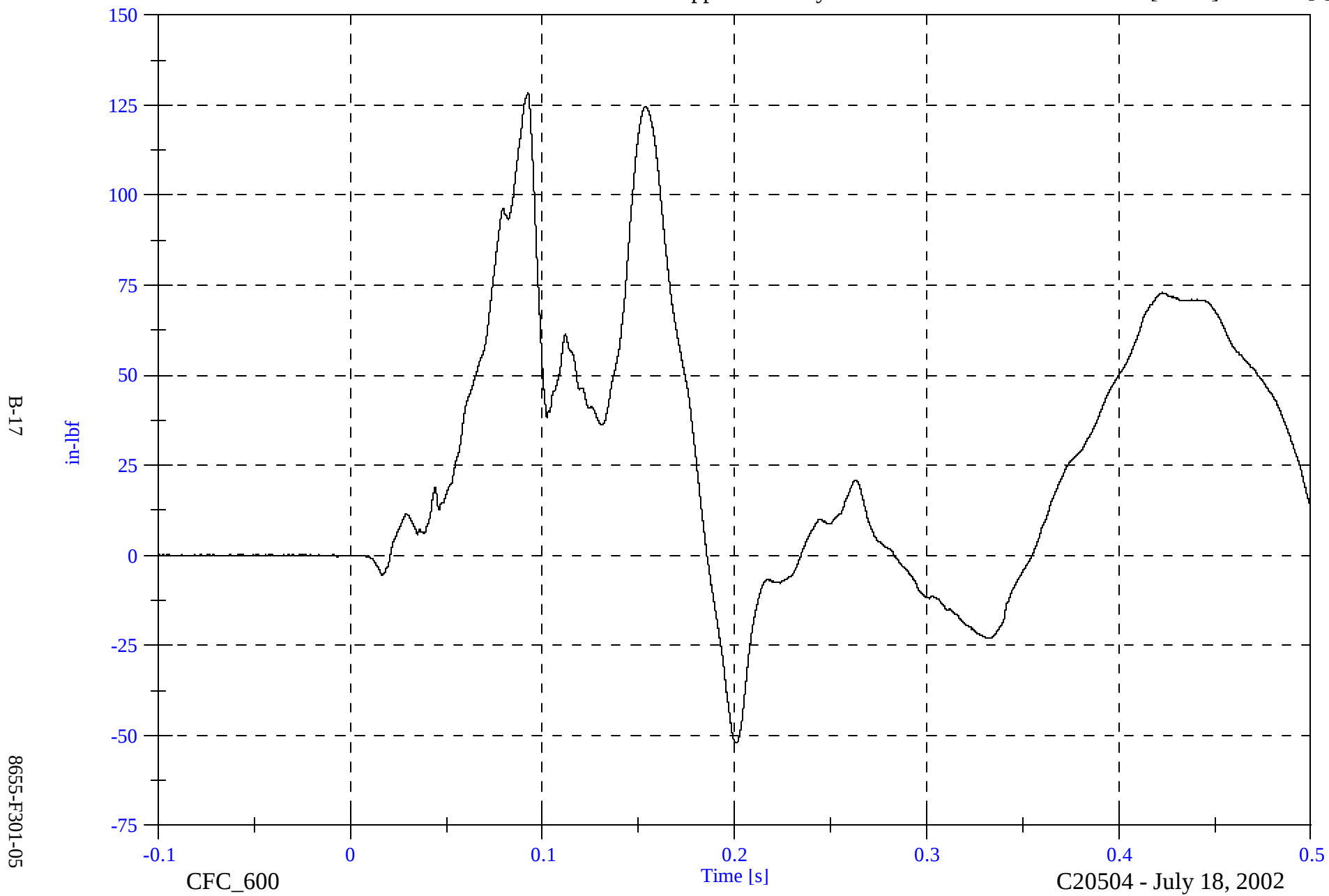


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 128.3 [in-lbf] at 0.093 [s]

P1 Upper Neck My

Min: -52.2 [in-lbf] at 0.201 [s]

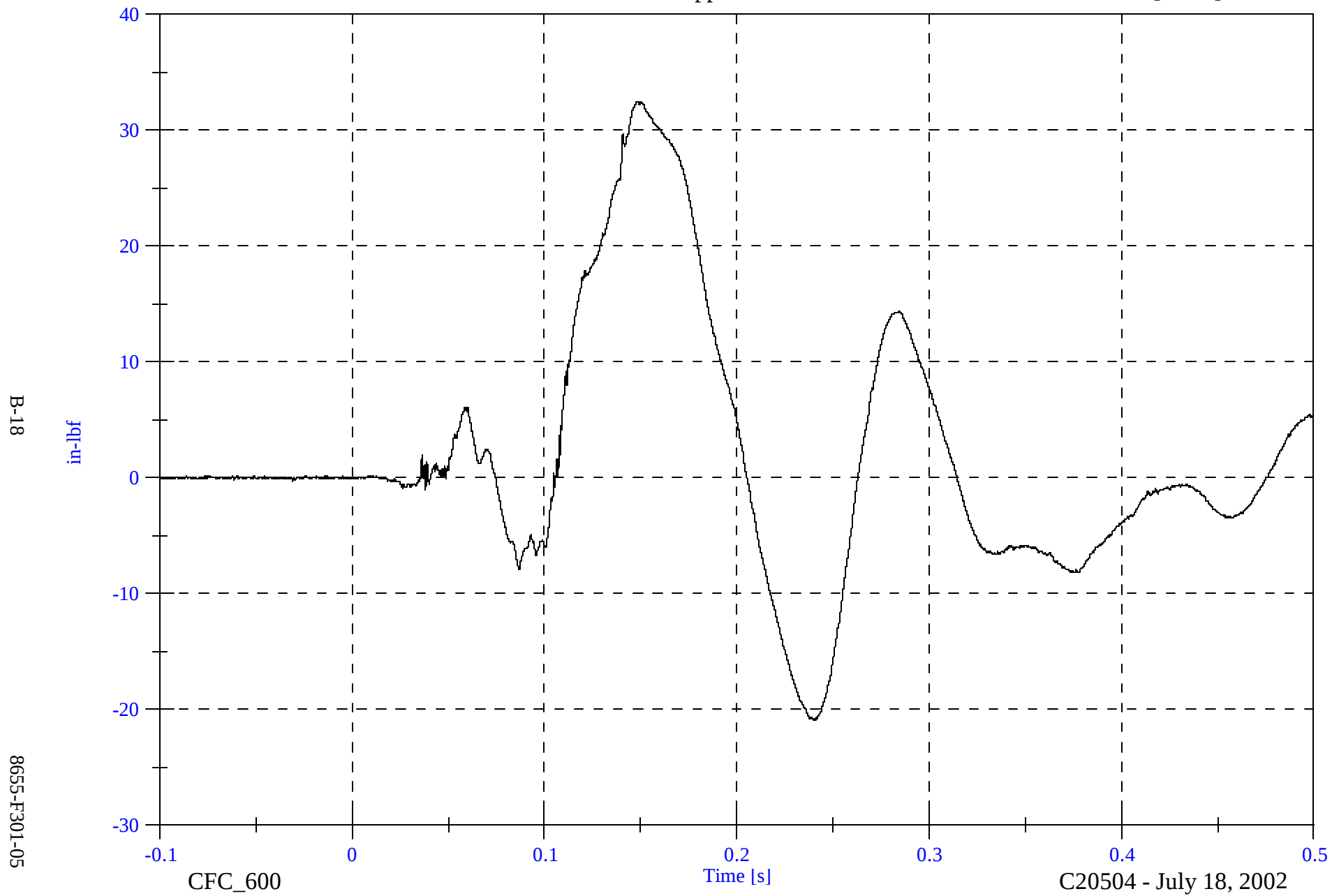


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 32.5 [in-lbf] at 0.150 [s]

Min: -20.9 [in-lbf] at 0.241 [s]

P1 Upper Neck Mz



FMVSS301 Test #5 - 2002 Suzuki Aerio

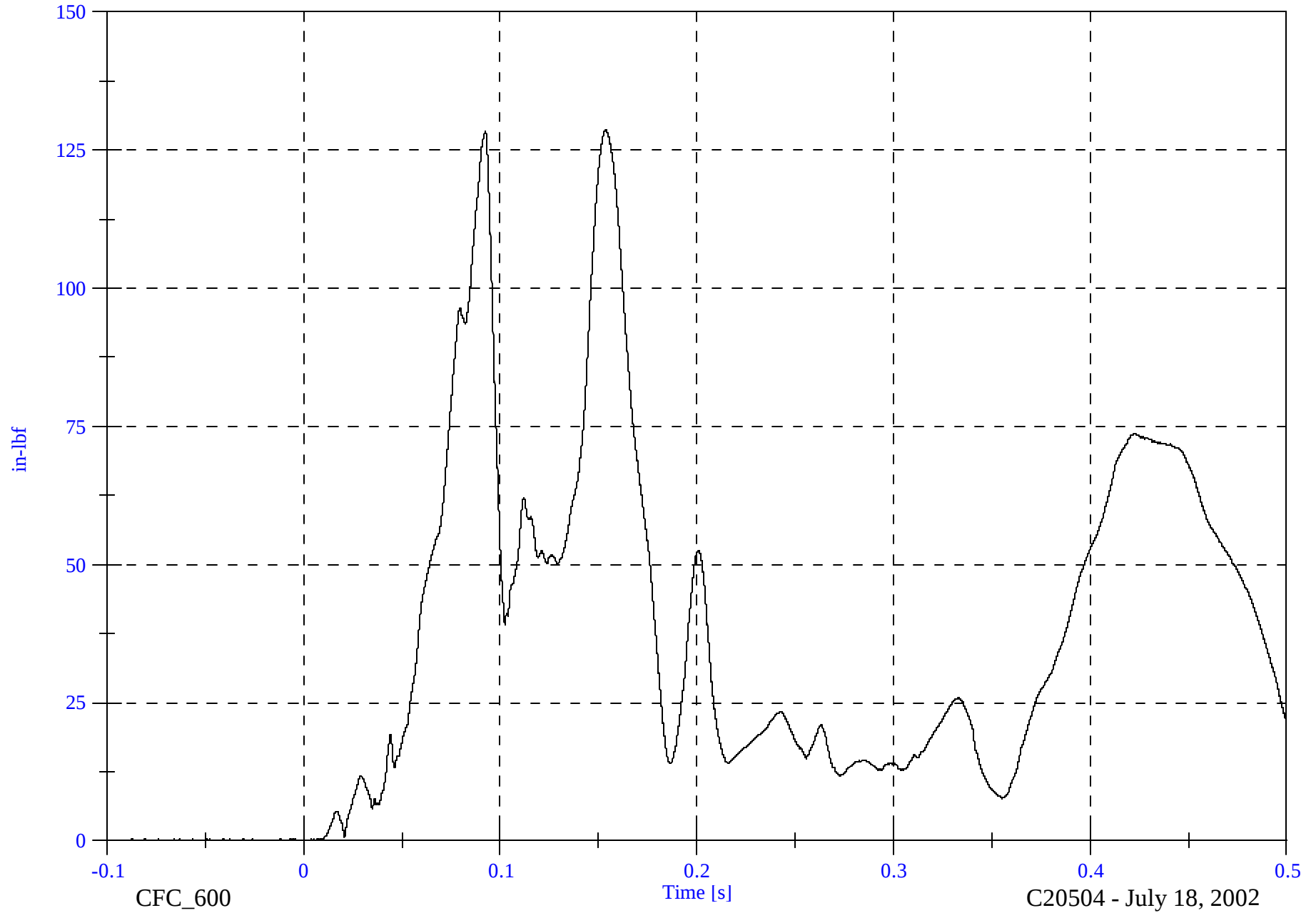
P1 Upper Neck M Resultant

Max: 128.7 [in-lbf] at 0.154 [s]

Min: 0.0 [in-lbf] at -0.040 [s]

B-19

8655-F301-05



FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Lower Neck Fx

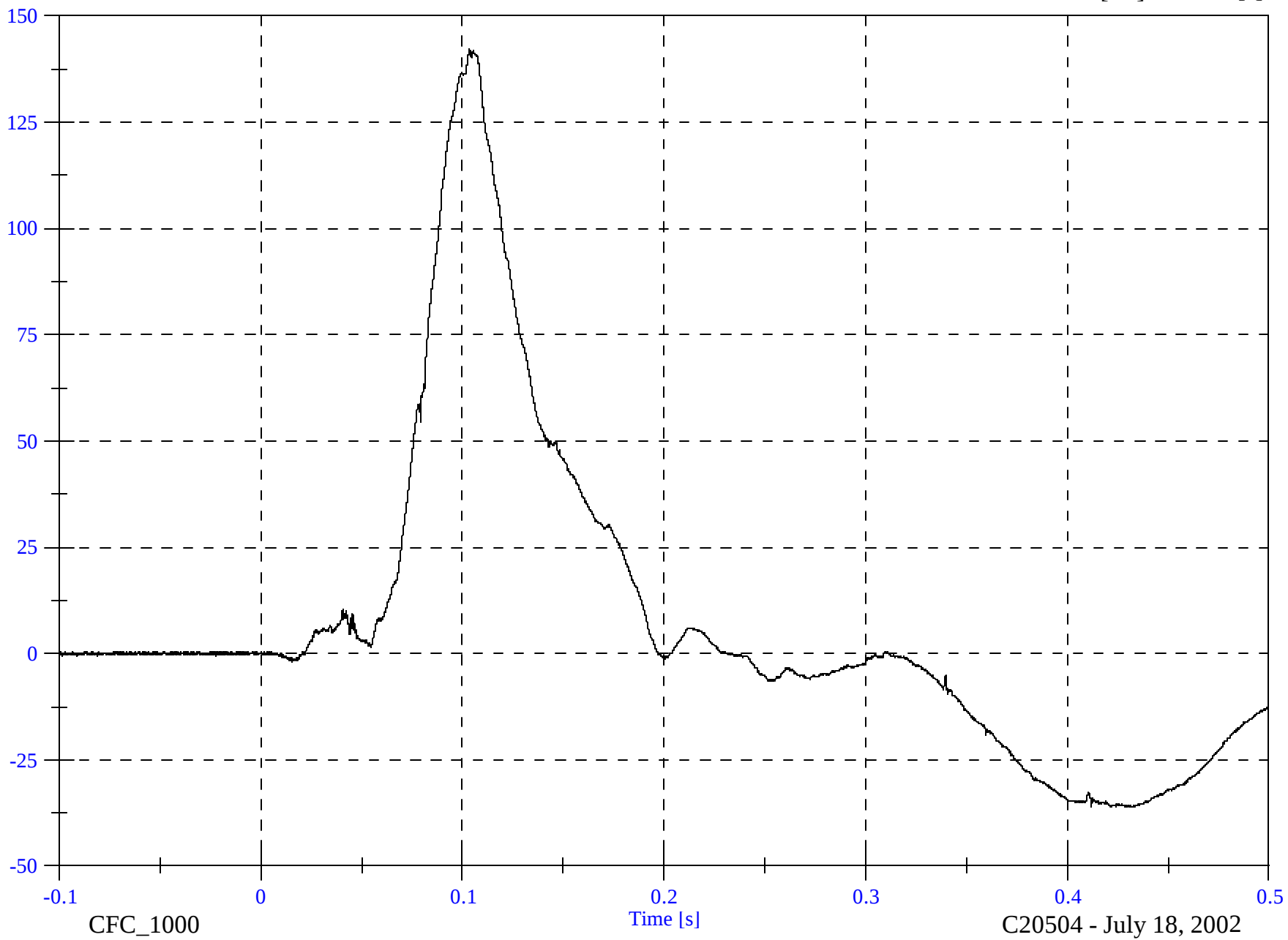
Max: 142.1 [lbf] at 0.104 [s]

Min: -36.2 [lbf] at 0.431 [s]

B-20

lbf

8655-F301-05

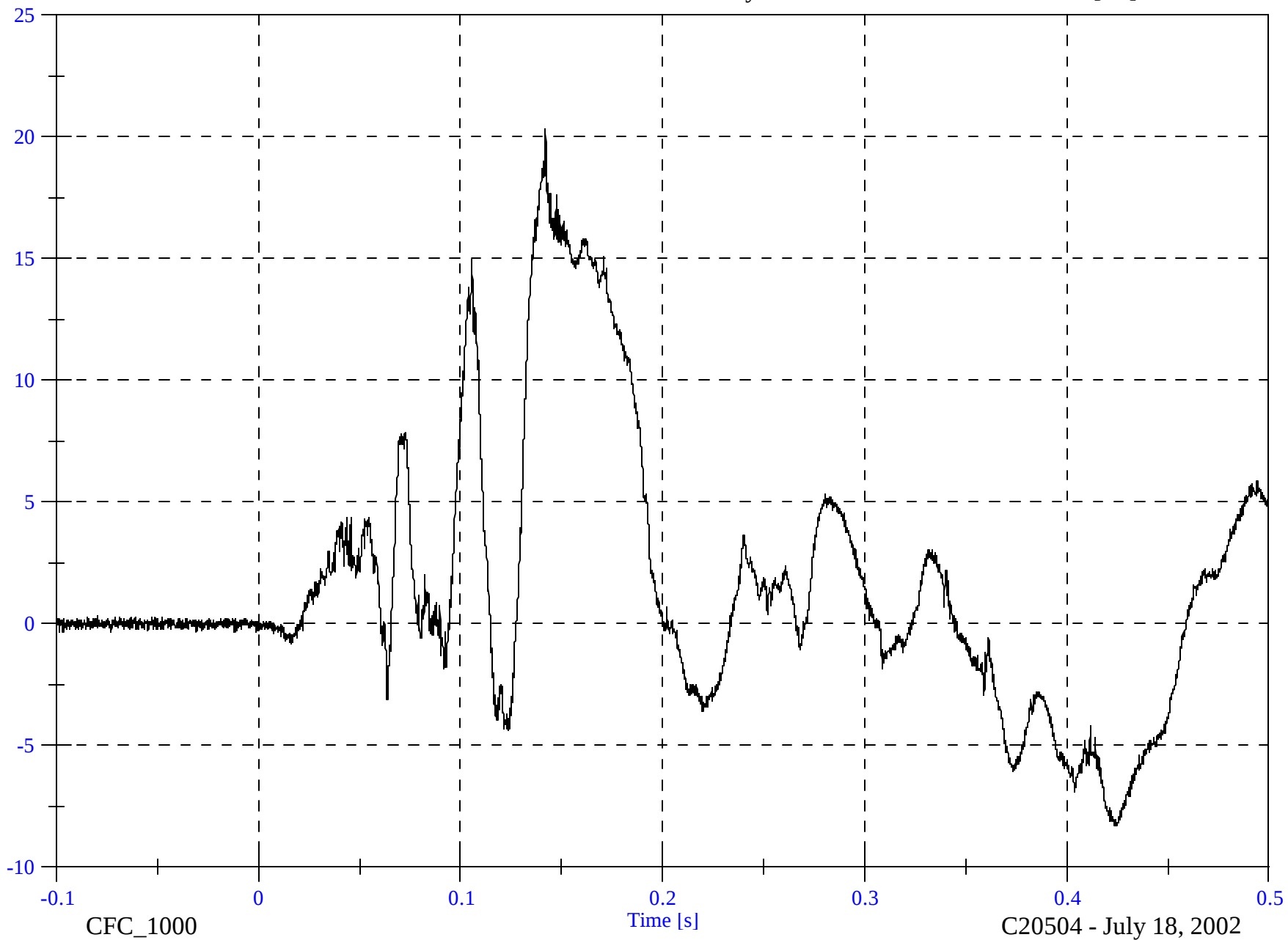


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Lower Neck Fy

Max: 20.3 [lbf] at 0.142 [s]

Min: -8.3 [lbf] at 0.424 [s]



B-21

8655-F301-05

FMVSS301 Test #5 - 2002 Suzuki Aerio

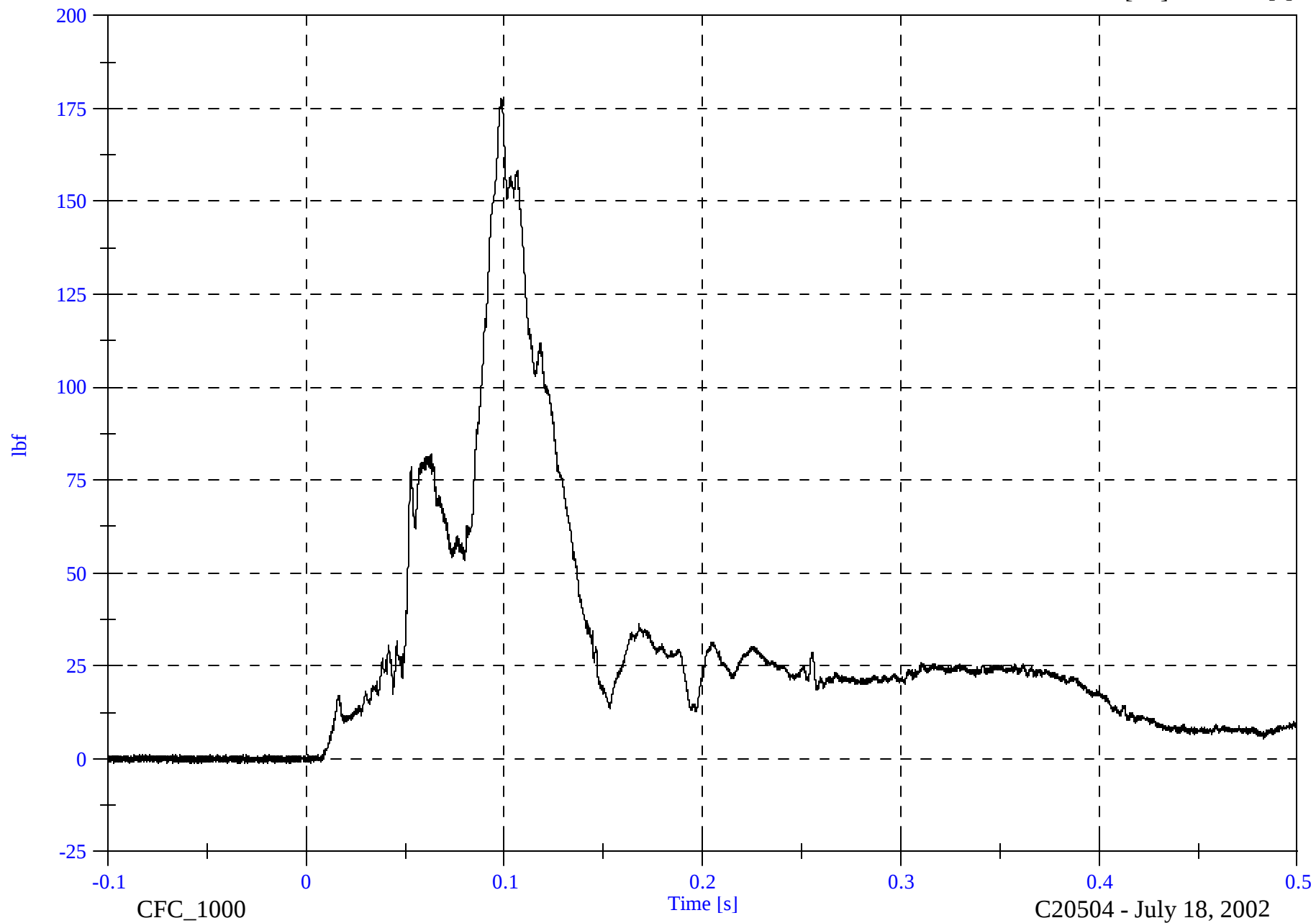
P1 Lower Neck Fz

Max: 177.7 [lbf] at 0.098 [s]

Min: -1.3 [lbf] at -0.055 [s]

B-22

8655-F301-05



FMVSS301 Test #5 - 2002 Suzuki Aerio

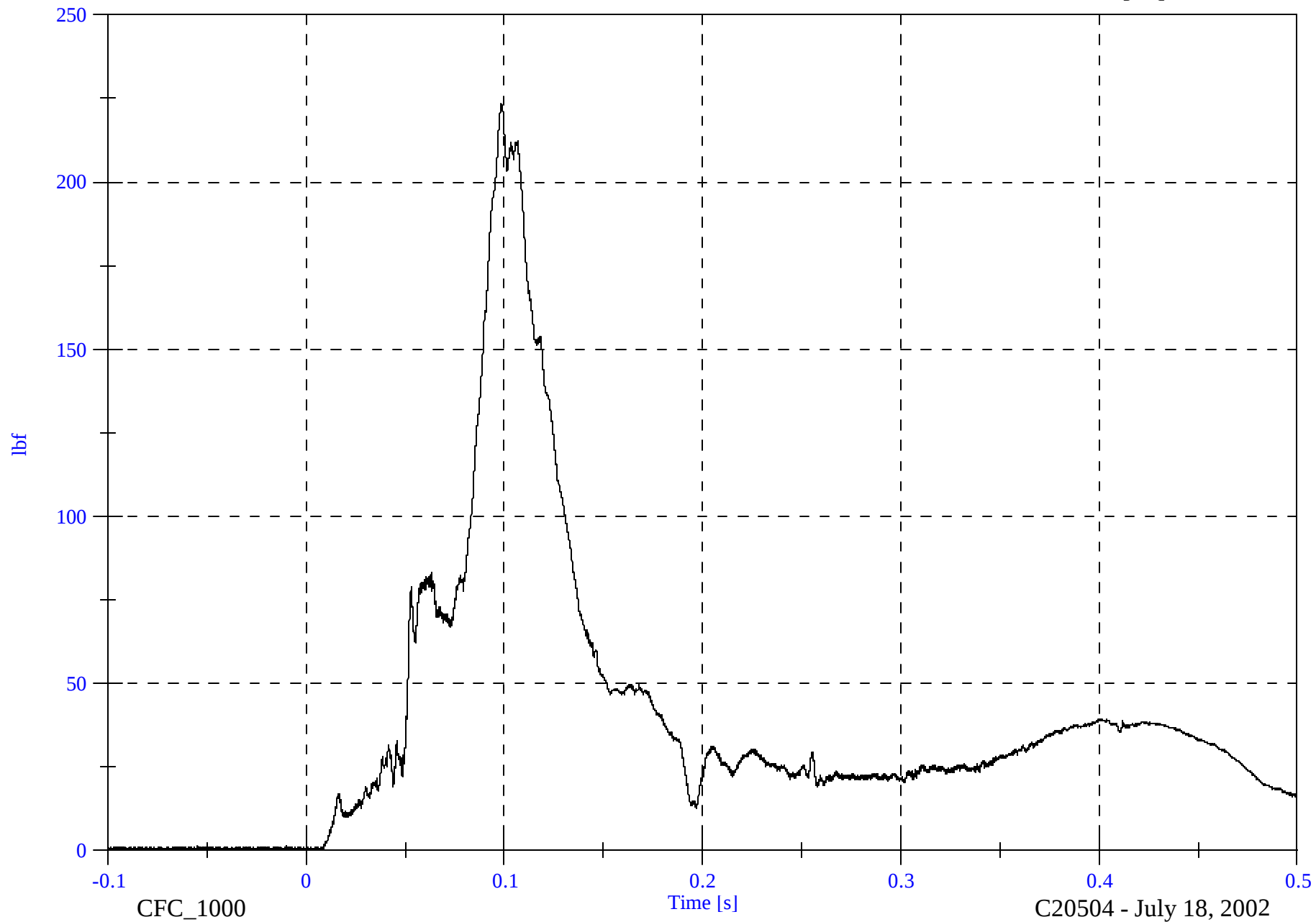
P1 Lower Neck F Resultant

Max: 223.5 [lbf] at 0.098 [s]

Min: 0.0 [lbf] at -0.035 [s]

B-23

8655-F301-05

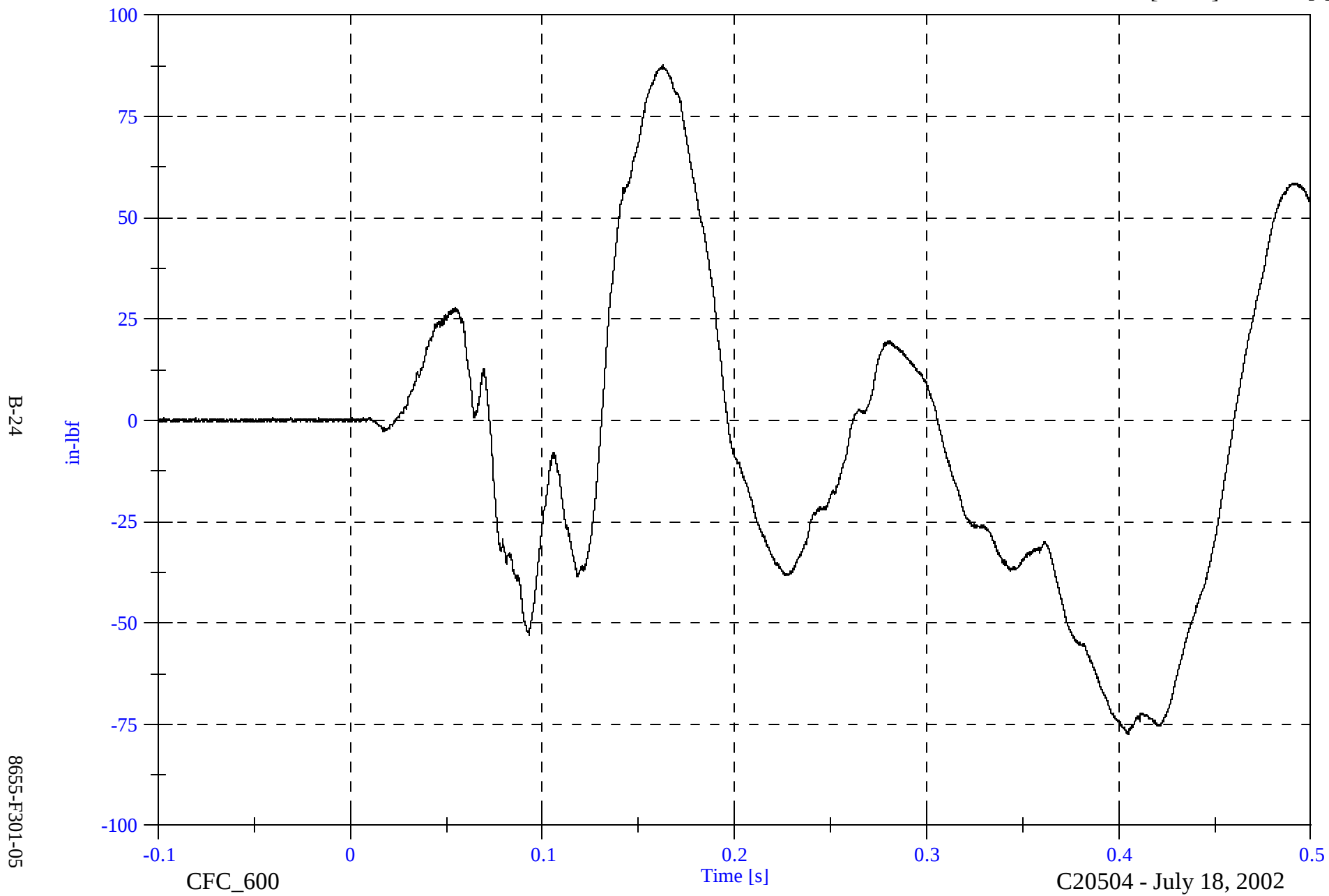


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 87.8 [in-lbf] at 0.163 [s]

Min: -77.4 [in-lbf] at 0.404 [s]

P1 Lower Neck Mx

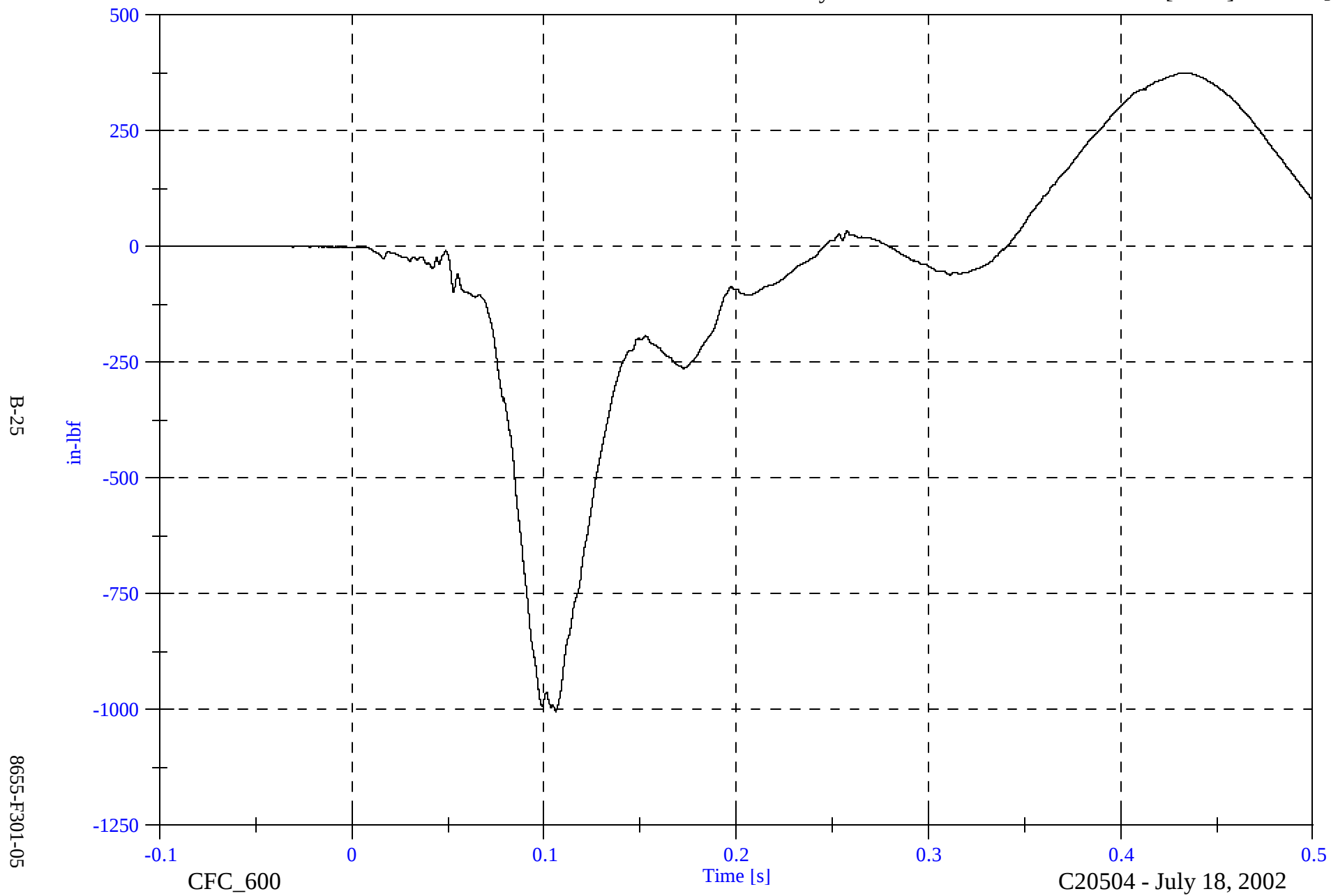


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Lower Neck My

Max: 375.4 [in-lbf] at 0.434 [s]

Min: -1003.5 [in-lbf] at 0.106 [s]

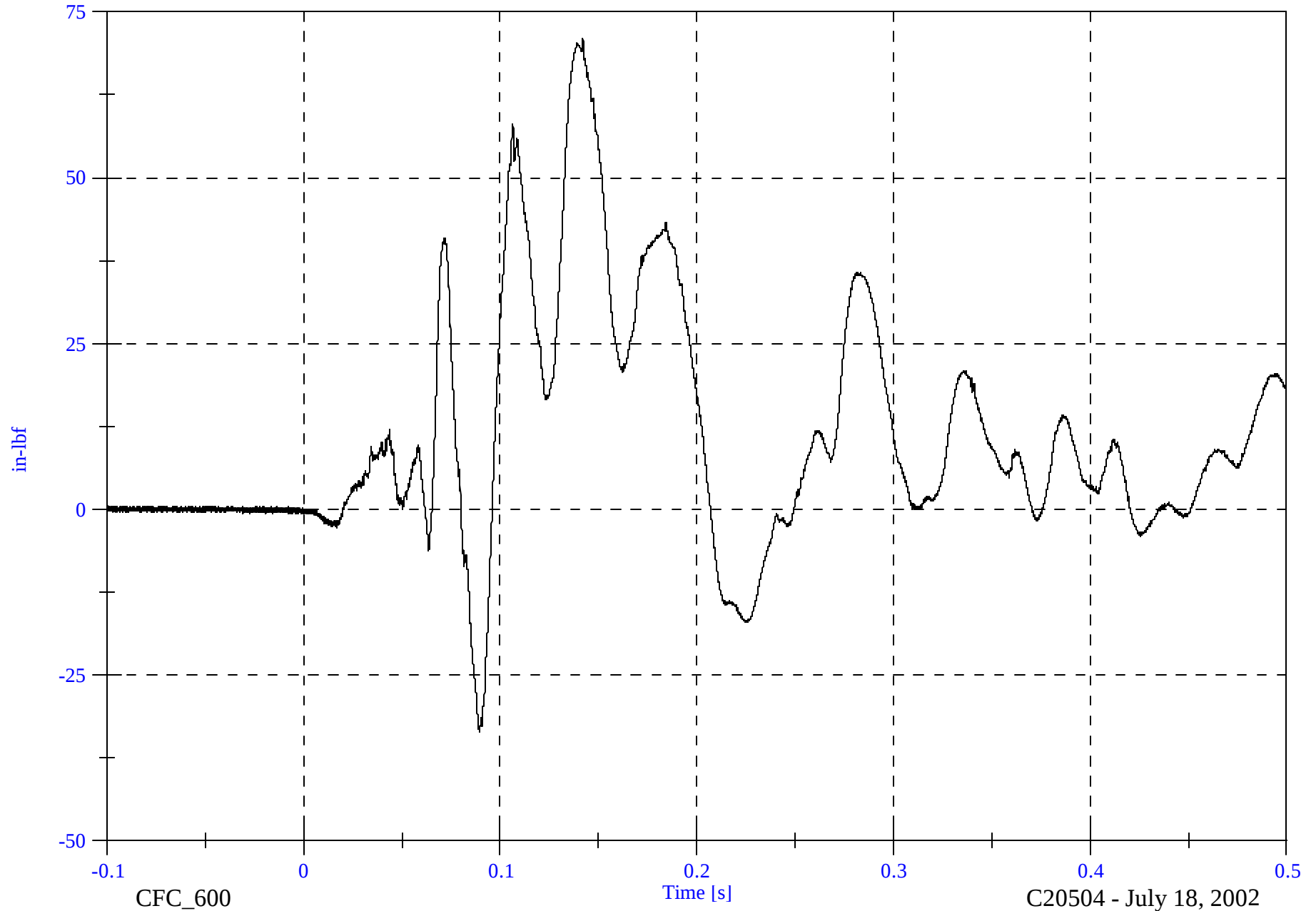


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 71.0 [in-lbf] at 0.142 [s]

Min: -33.6 [in-lbf] at 0.090 [s]

P1 Lower Neck Mz



B-26

8655-F301-05

CFC_600

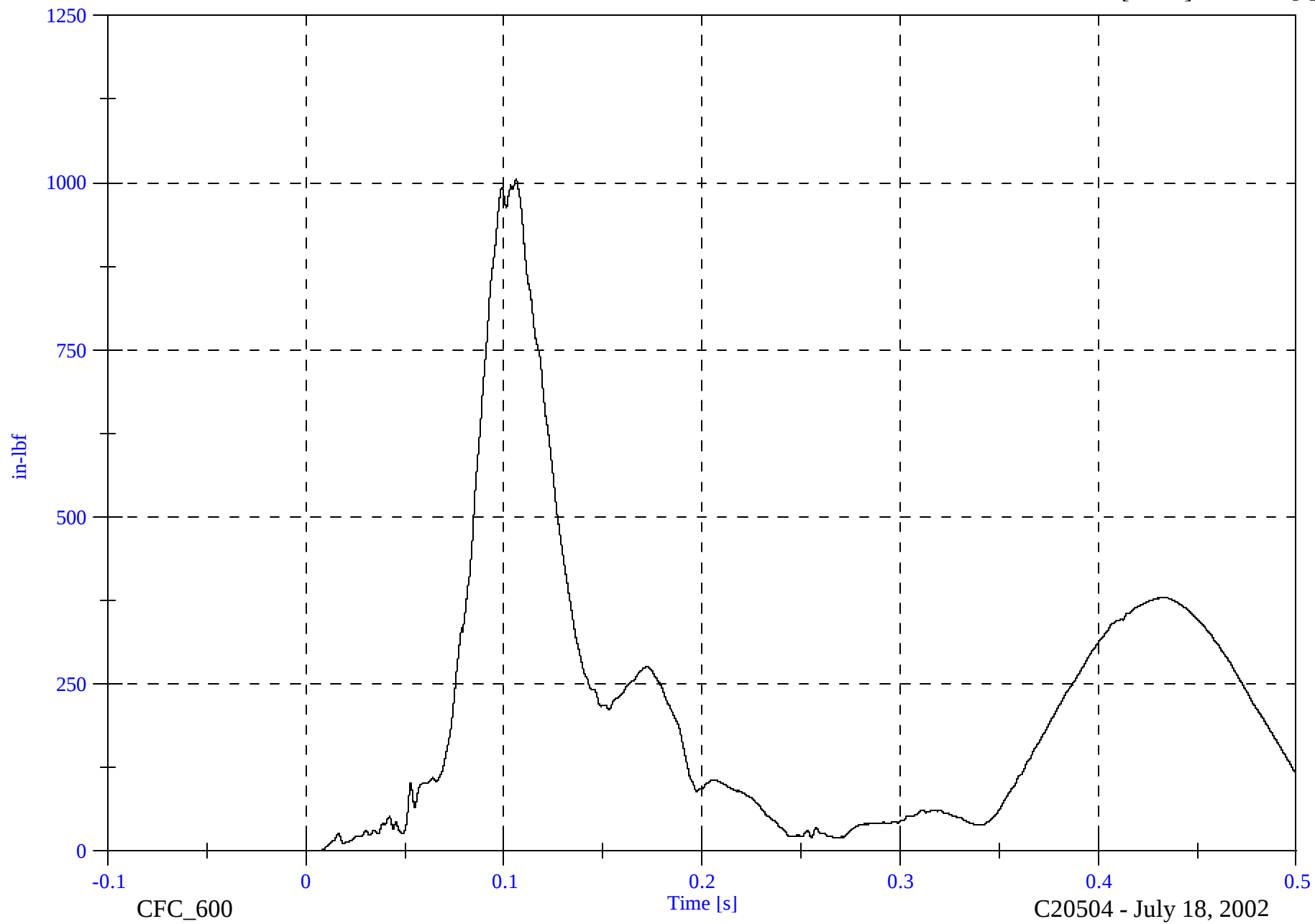
C20504 - July 18, 2002

FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Lower Neck M Resultant

Max: 1005.3 [in-lbf] at 0.106 [s]

Min: 0.0 [in-lbf] at -0.049 [s]



B-27

8655-F301-05

CFC_600

Time [s]

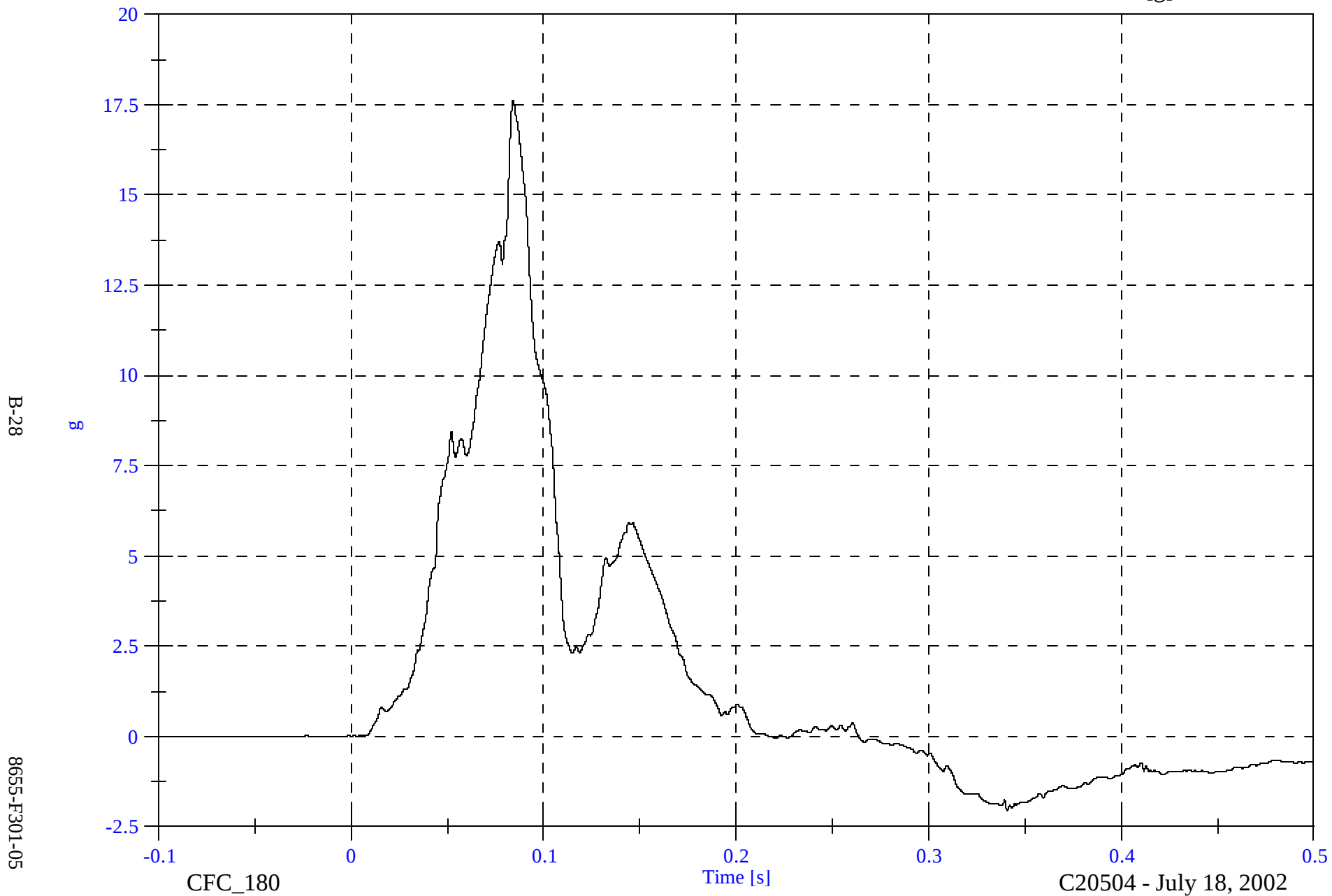
C20504 - July 18, 2002

FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 17.6 [g] at 0.084 [s]

Min: -2.1 [g] at 0.341 [s]

P1 Chest x

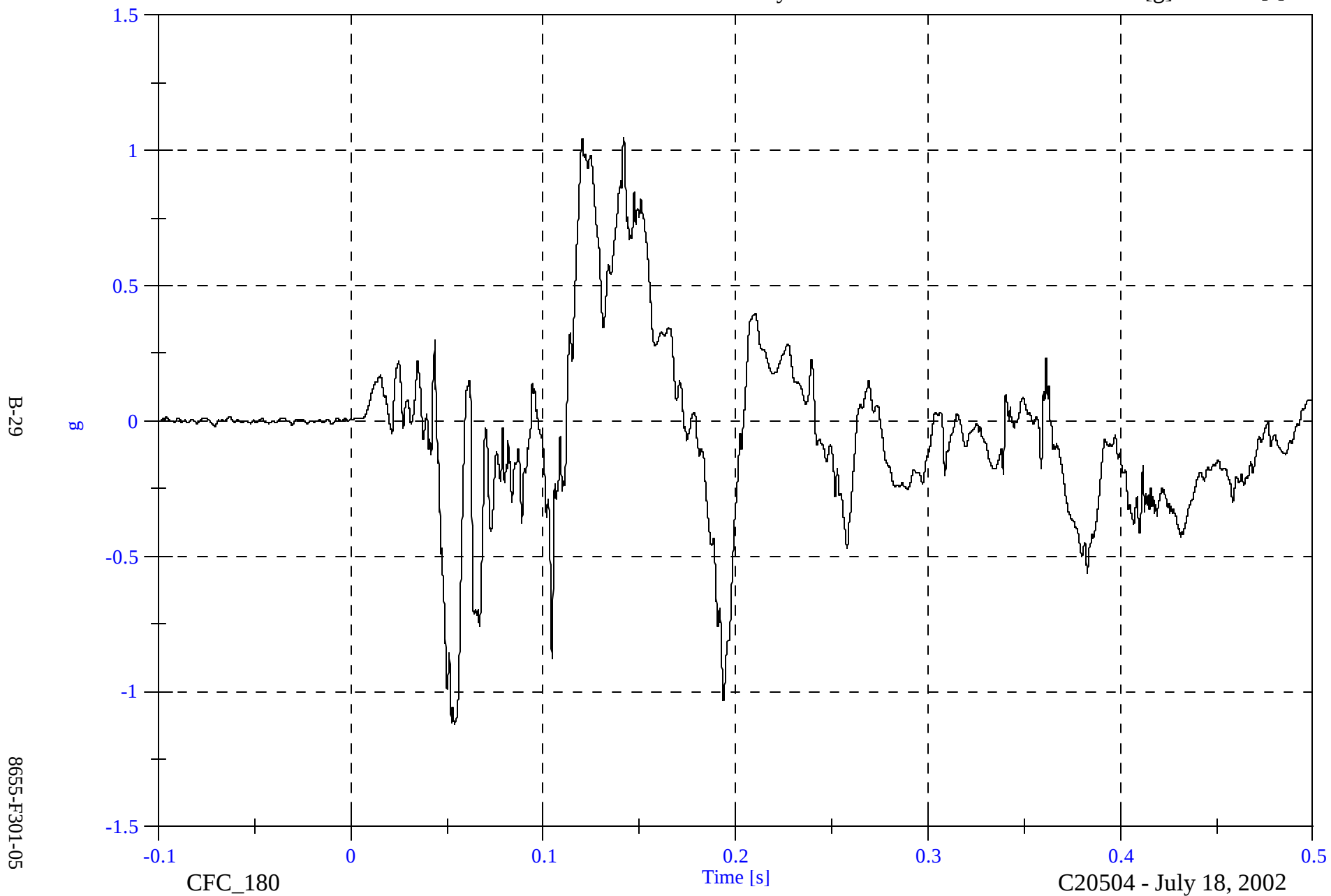


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 1.0 [g] at 0.142 [s]

Min: -1.1 [g] at 0.054 [s]

P1 Chest y

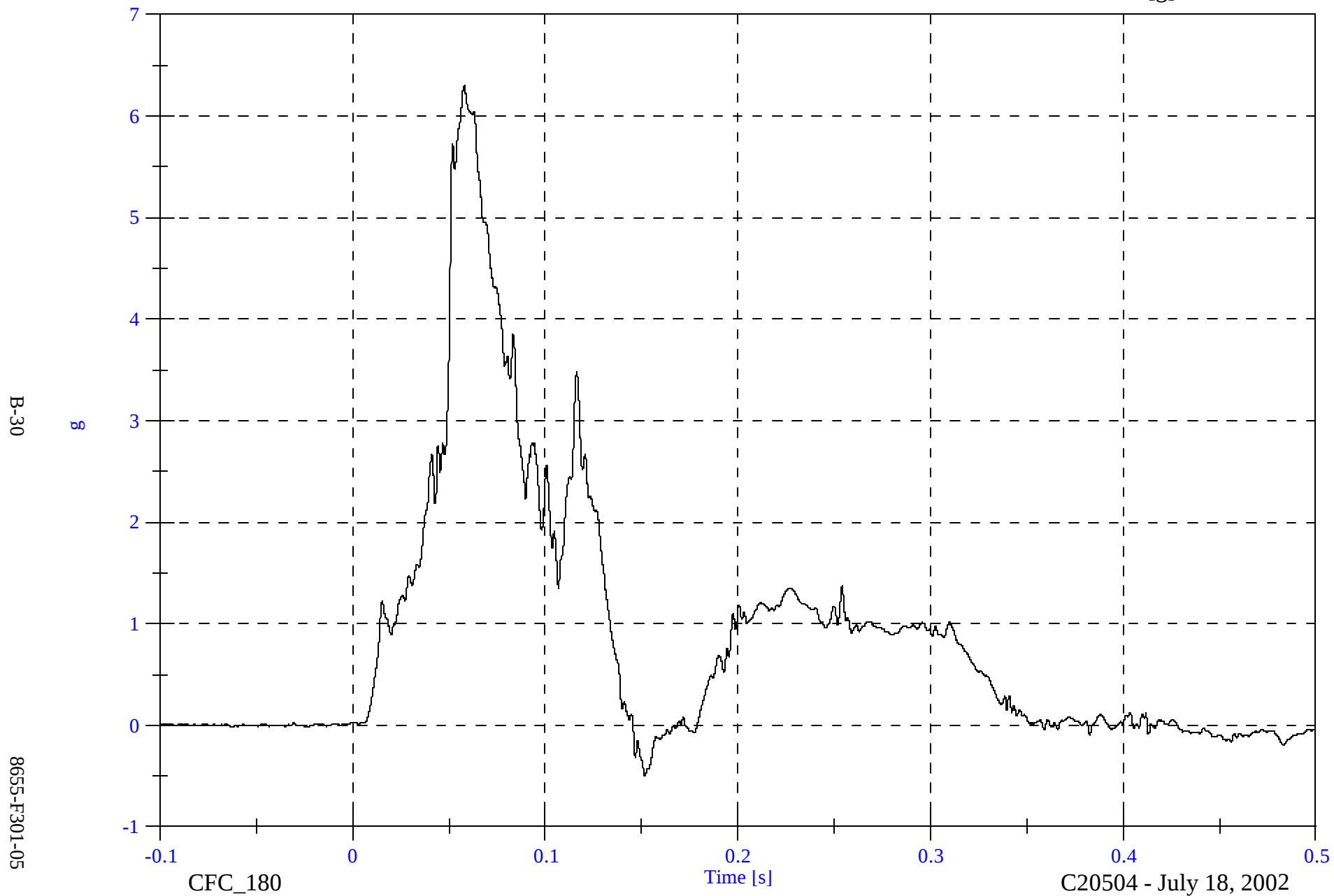


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 6.3 [g] at 0.058 [s]

Min: -0.5 [g] at 0.152 [s]

P1 Chest z



FMVSS301 Test #5 - 2002 Suzuki Aerio

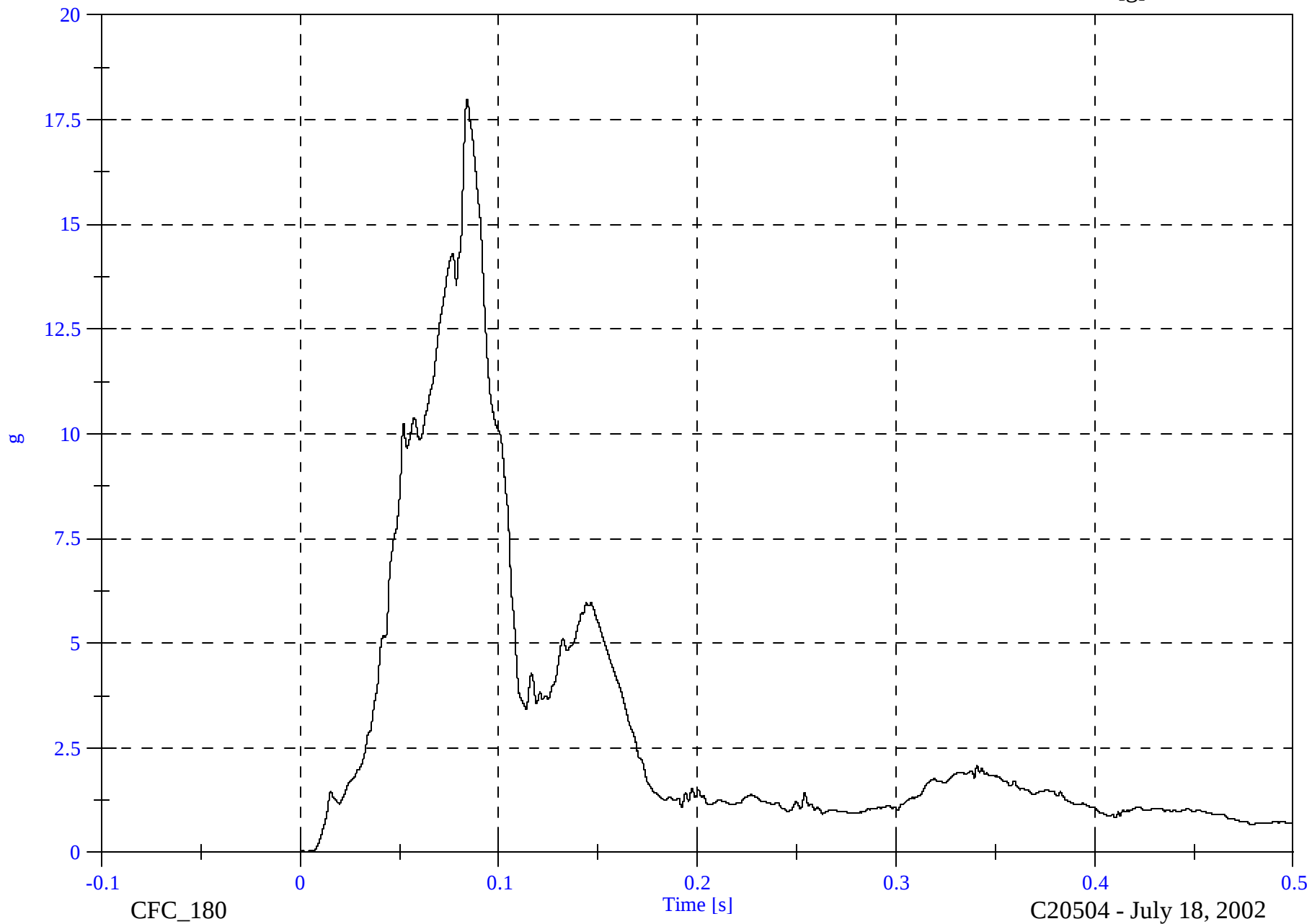
P1 Chest Resultant

Max: 18.0 [g] at 0.084 [s]

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

B-31

8655-F301-05

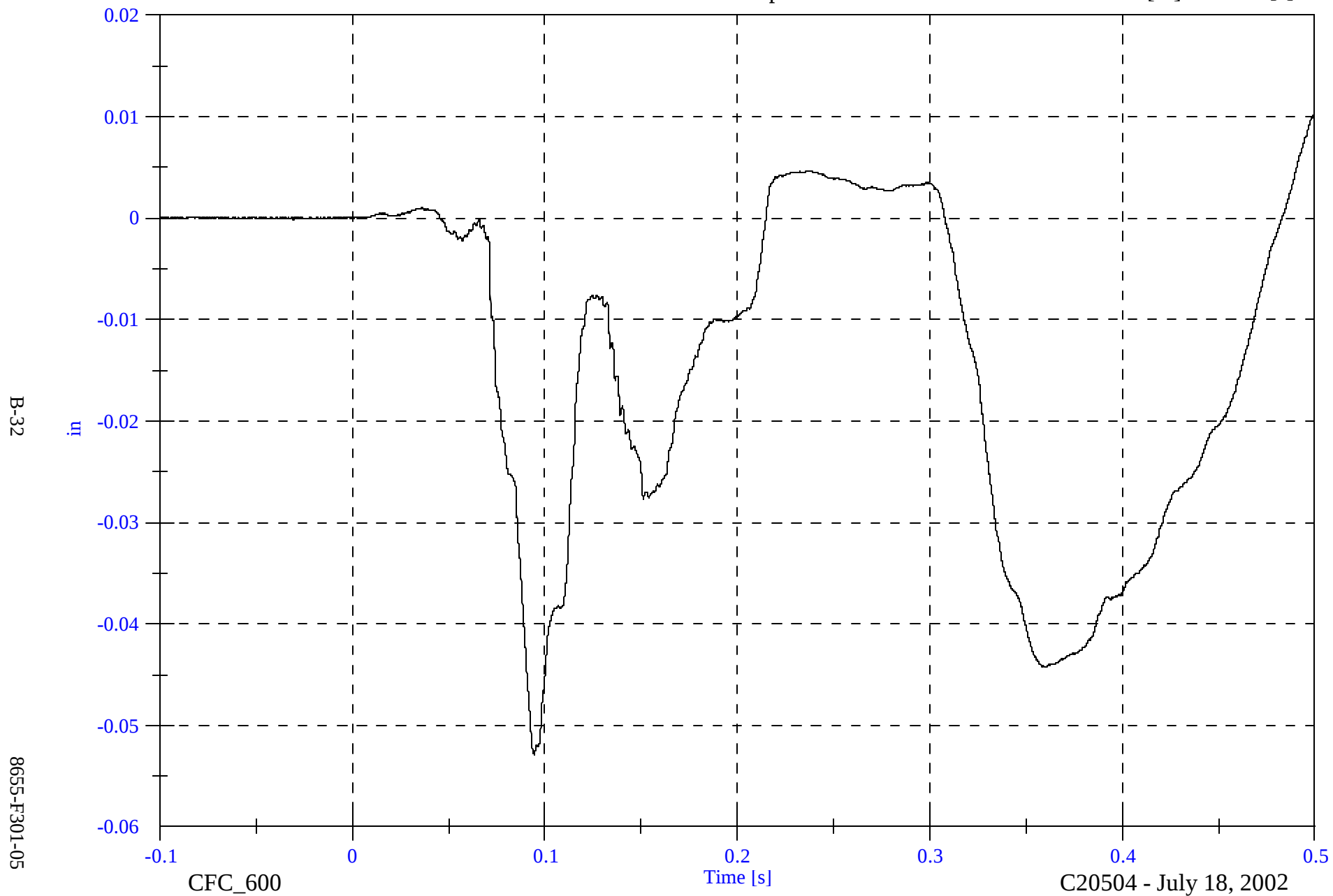


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Chest Compression

Max: 0.0 [in] at 0.500 [s]

Min: -0.1 [in] at 0.095 [s]

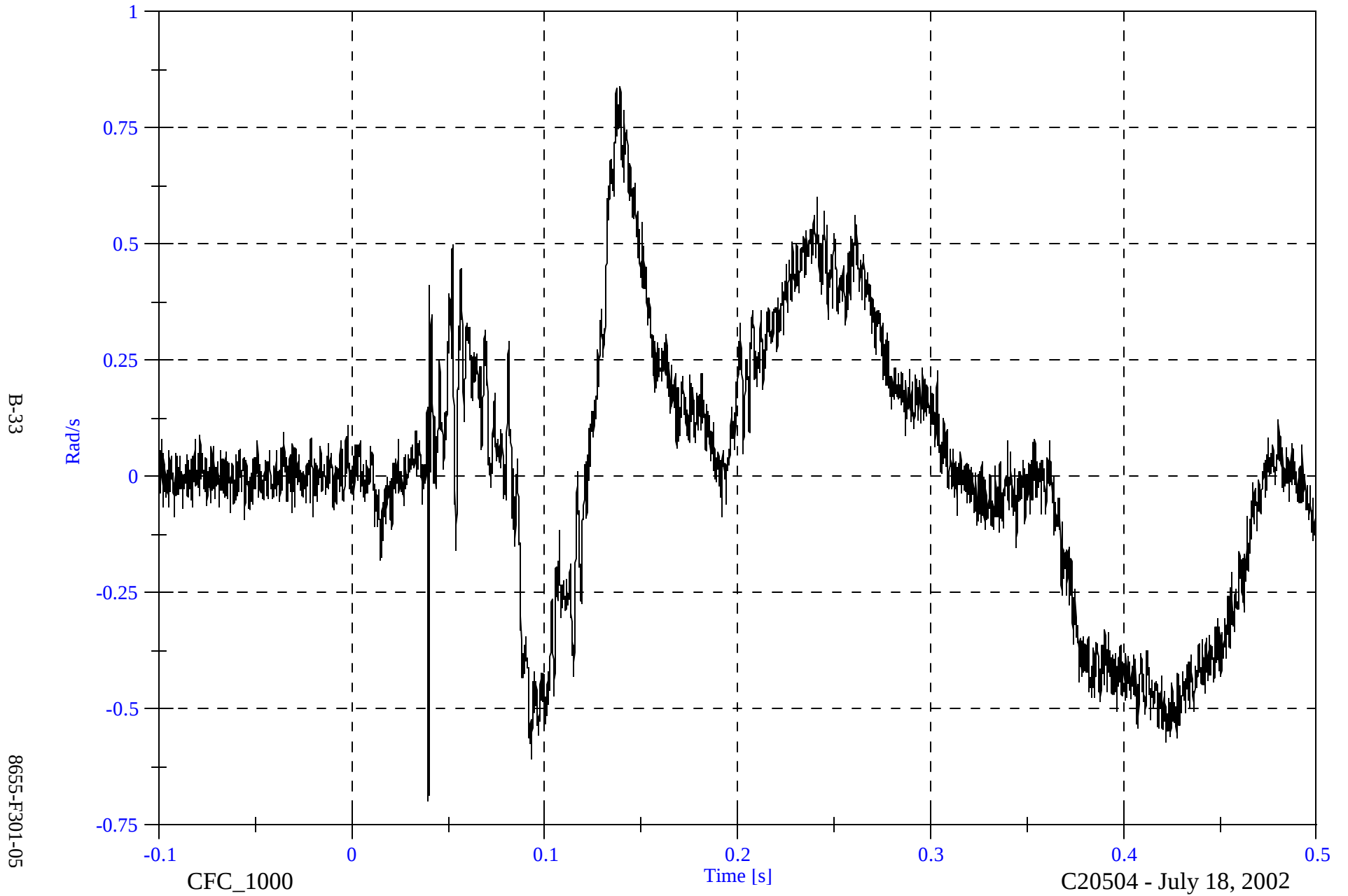


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Chest Ang Velocity x

Max: 0.8 [Rad/s] at 0.139 [s]

Min: -0.7 [Rad/s] at 0.040 [s]

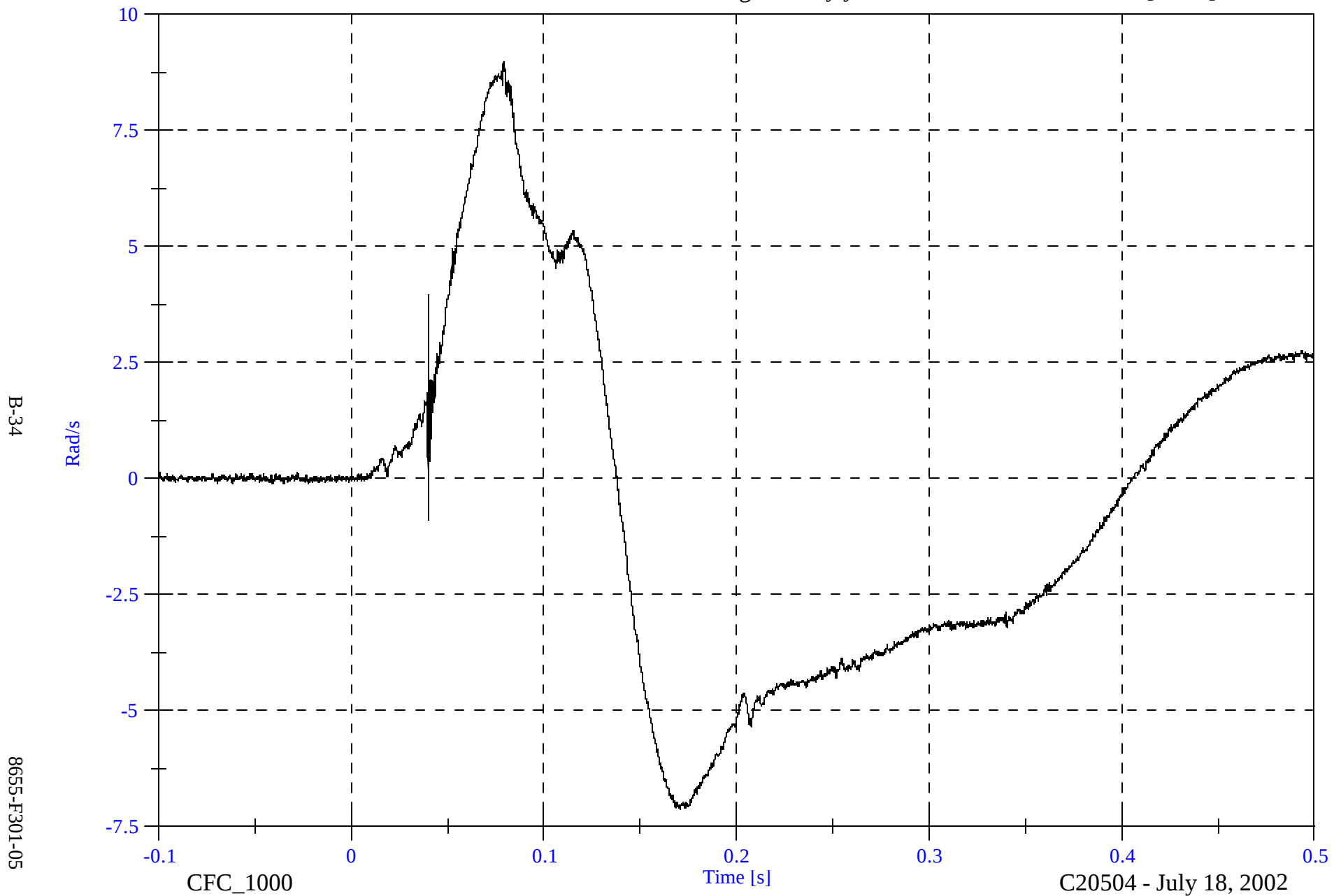


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Chest Ang Velocity y

Max: 9.0 [Rad/s] at 0.079 [s]

Min: -7.1 [Rad/s] at 0.171 [s]

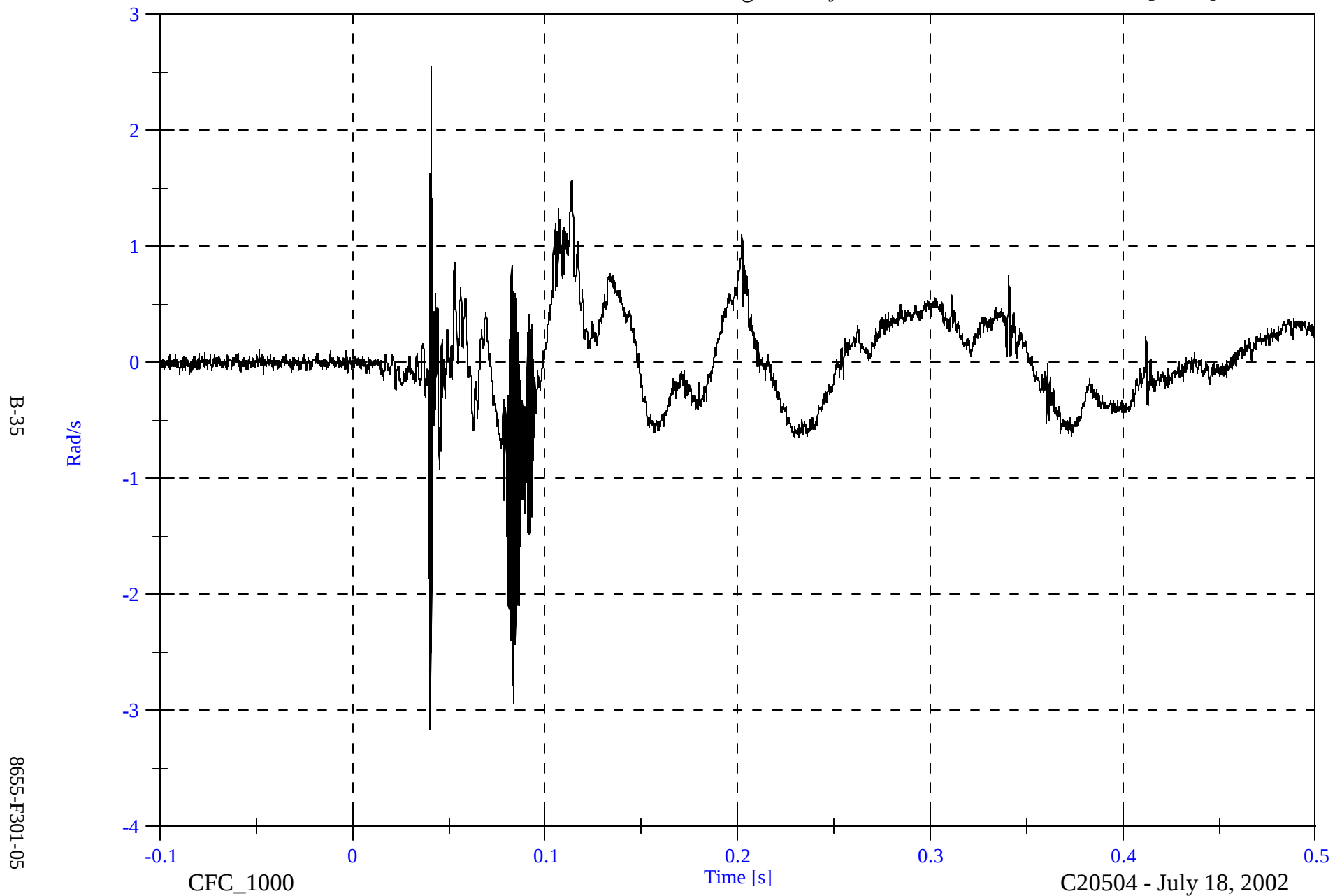


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Chest Ang Velocity z

Max: 2.5 [Rad/s] at 0.041 [s]

Min: -3.2 [Rad/s] at 0.040 [s]

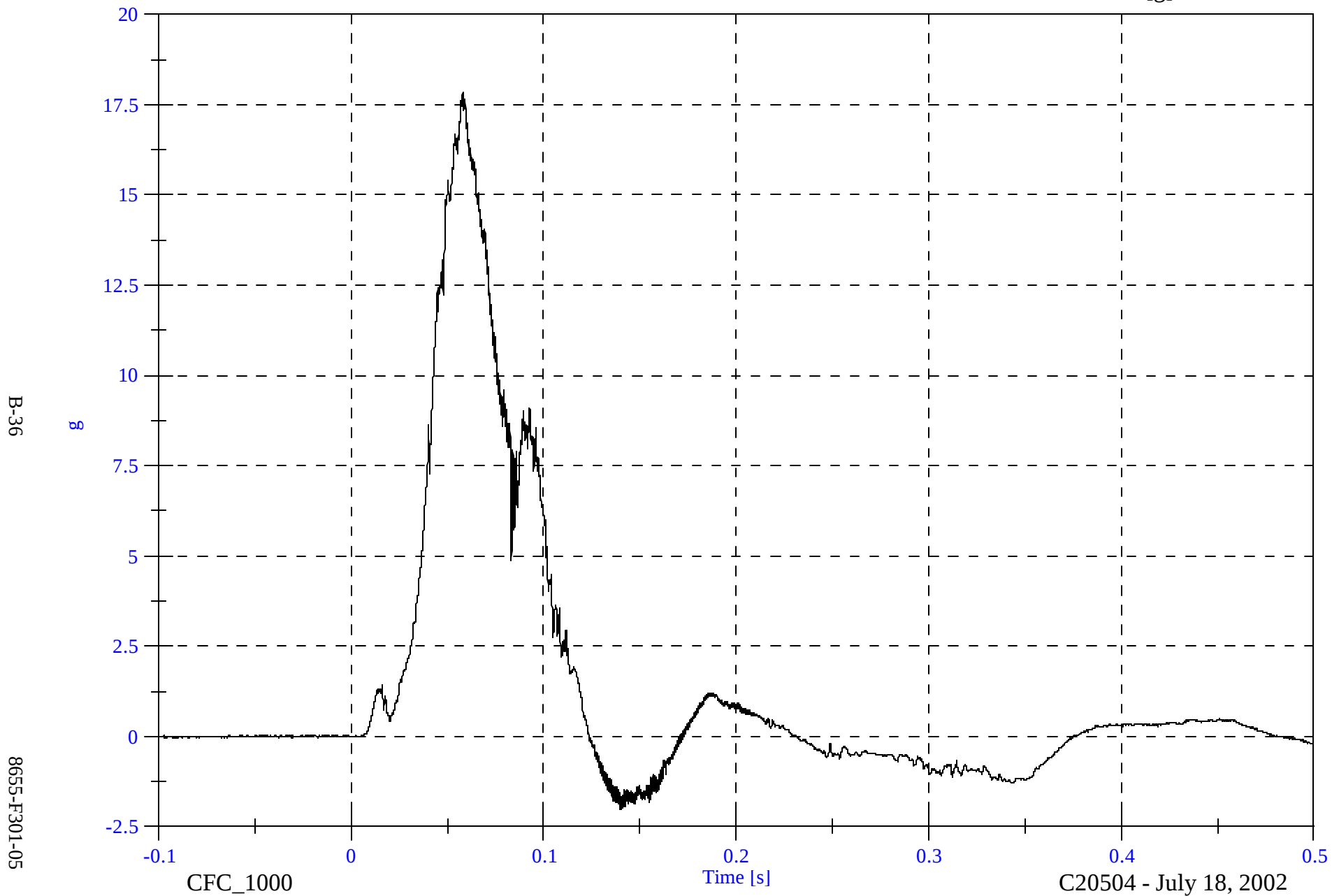


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 17.9 [g] at 0.058 [s]

Min: -2.0 [g] at 0.140 [s]

P1 Pelvic x

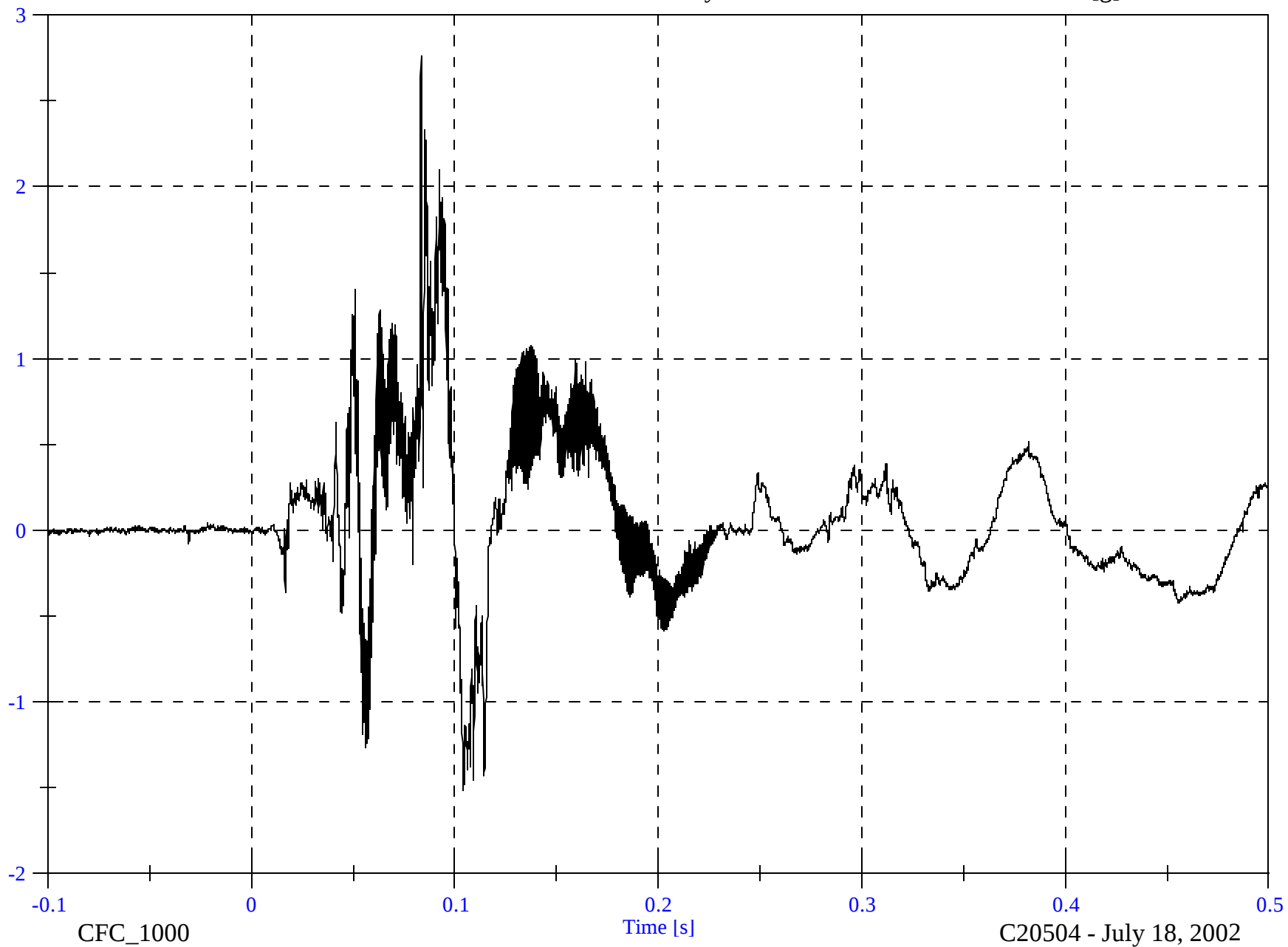


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 2.8 [g] at 0.083 [s]

Min: -1.5 [g] at 0.104 [s]

P1 Pelvic y



B-37

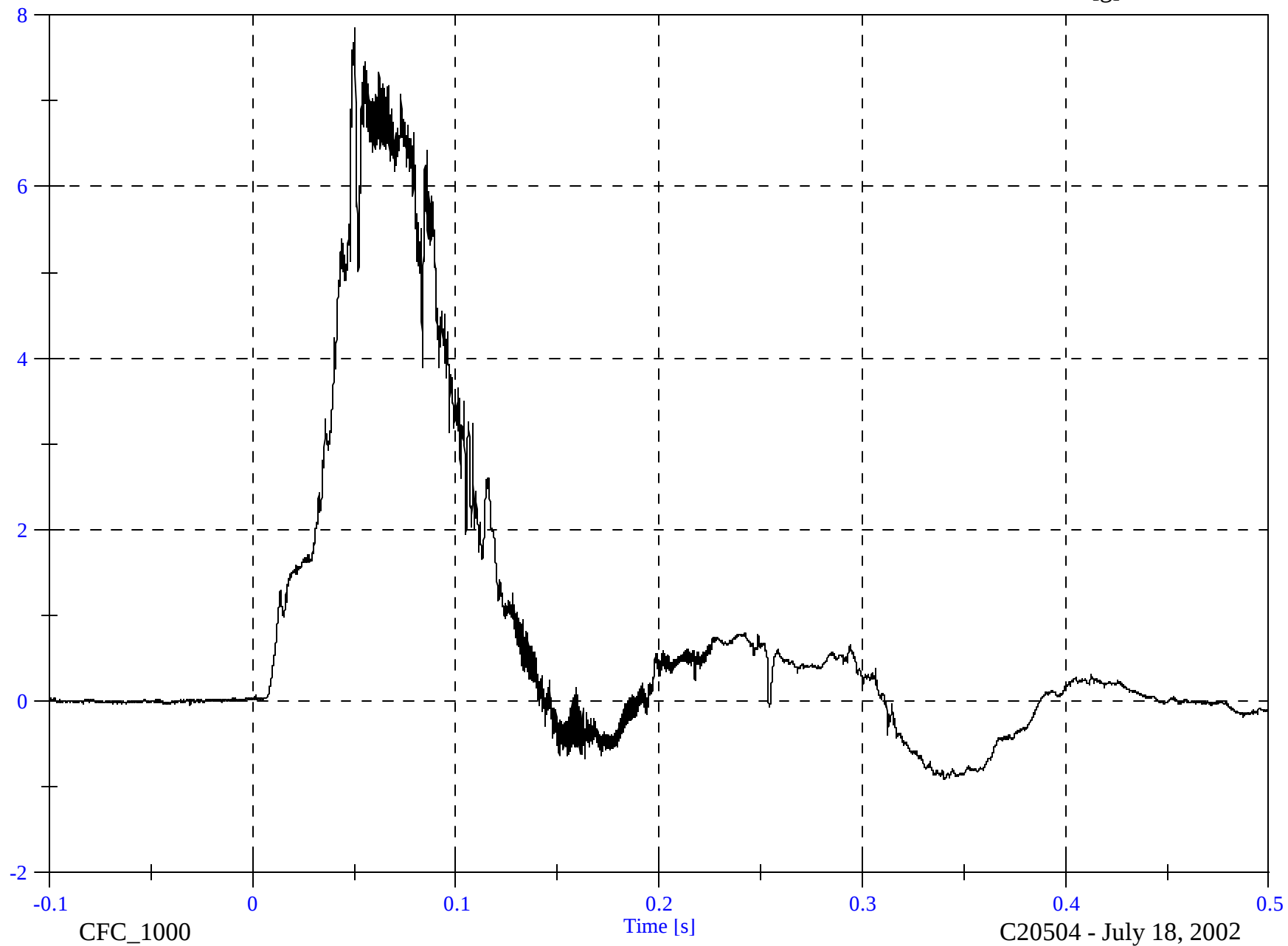
8655-F301-05

FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 7.9 [g] at 0.050 [s]

Min: -0.9 [g] at 0.341 [s]

P1 Pelvic z



B-38

8655-F301-05

FMVSS301 Test #5 - 2002 Suzuki Aerio

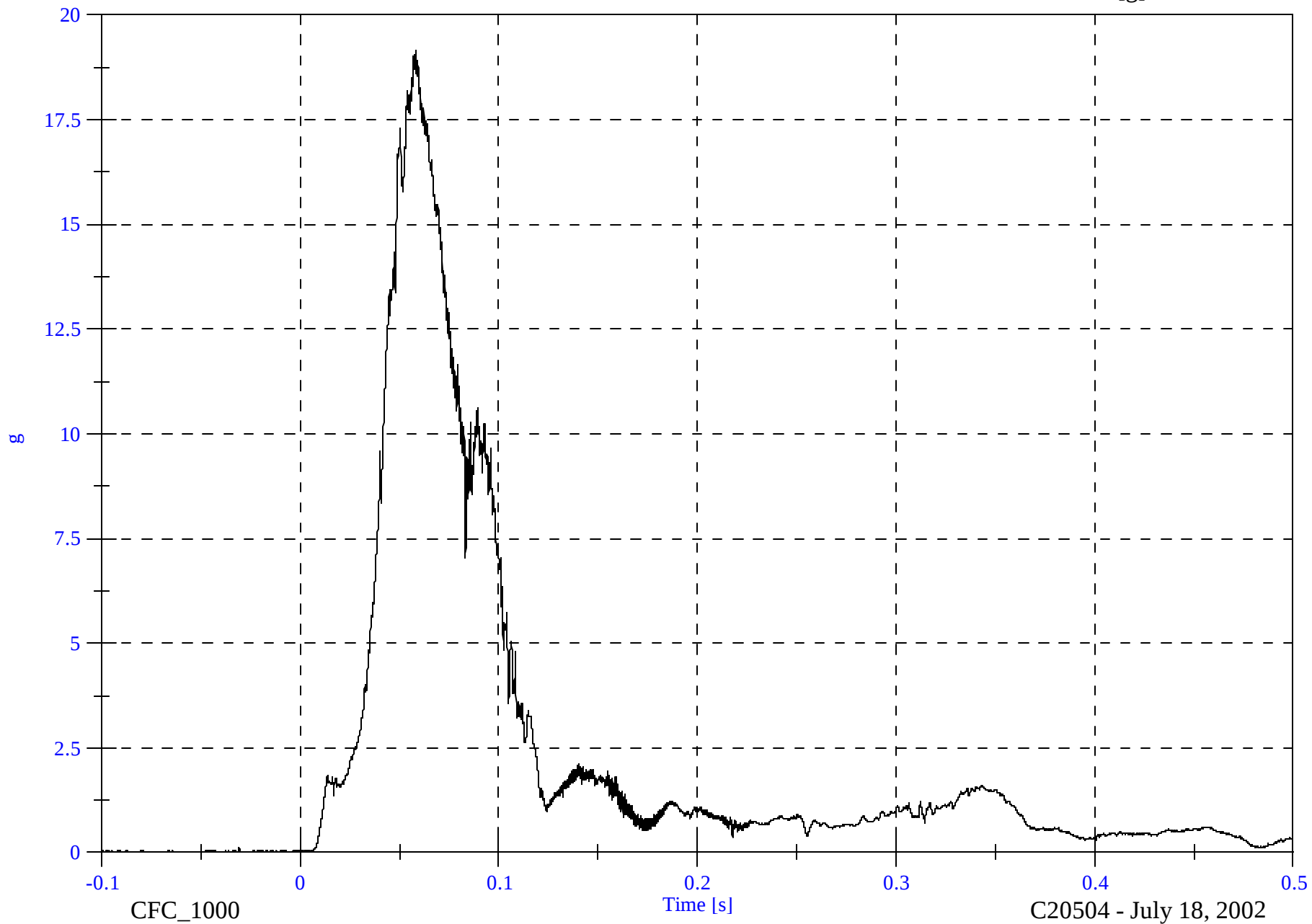
P1 Pelvic Resultant

Max: 19.1 [g] at 0.058 [s]

Min: 0.0 [g] at -0.061 [s]

B-39

8655-F301-05

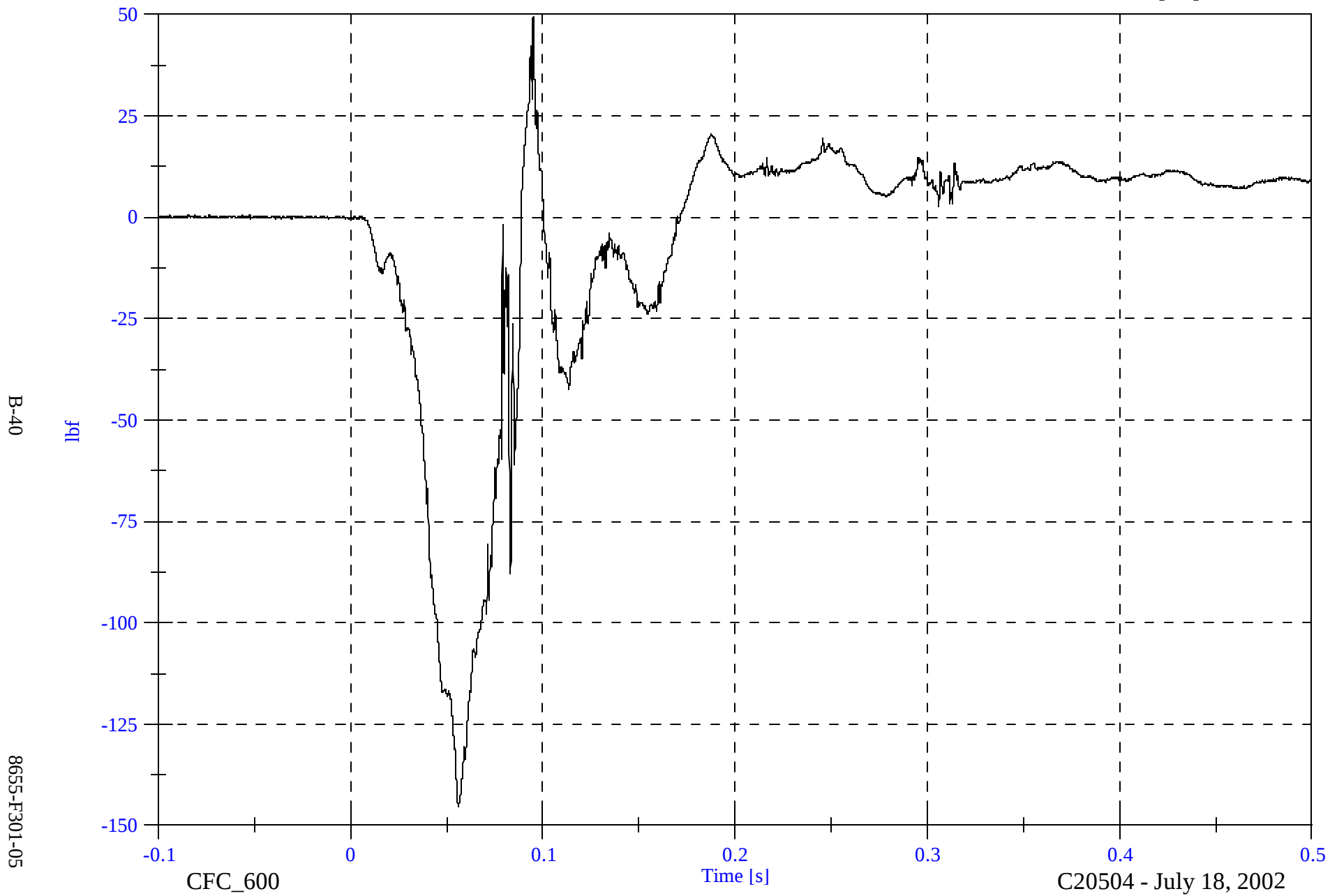


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 49.6 [lbf] at 0.095 [s]

P1 Left Femur

Min: -145.3 [lbf] at 0.056 [s]

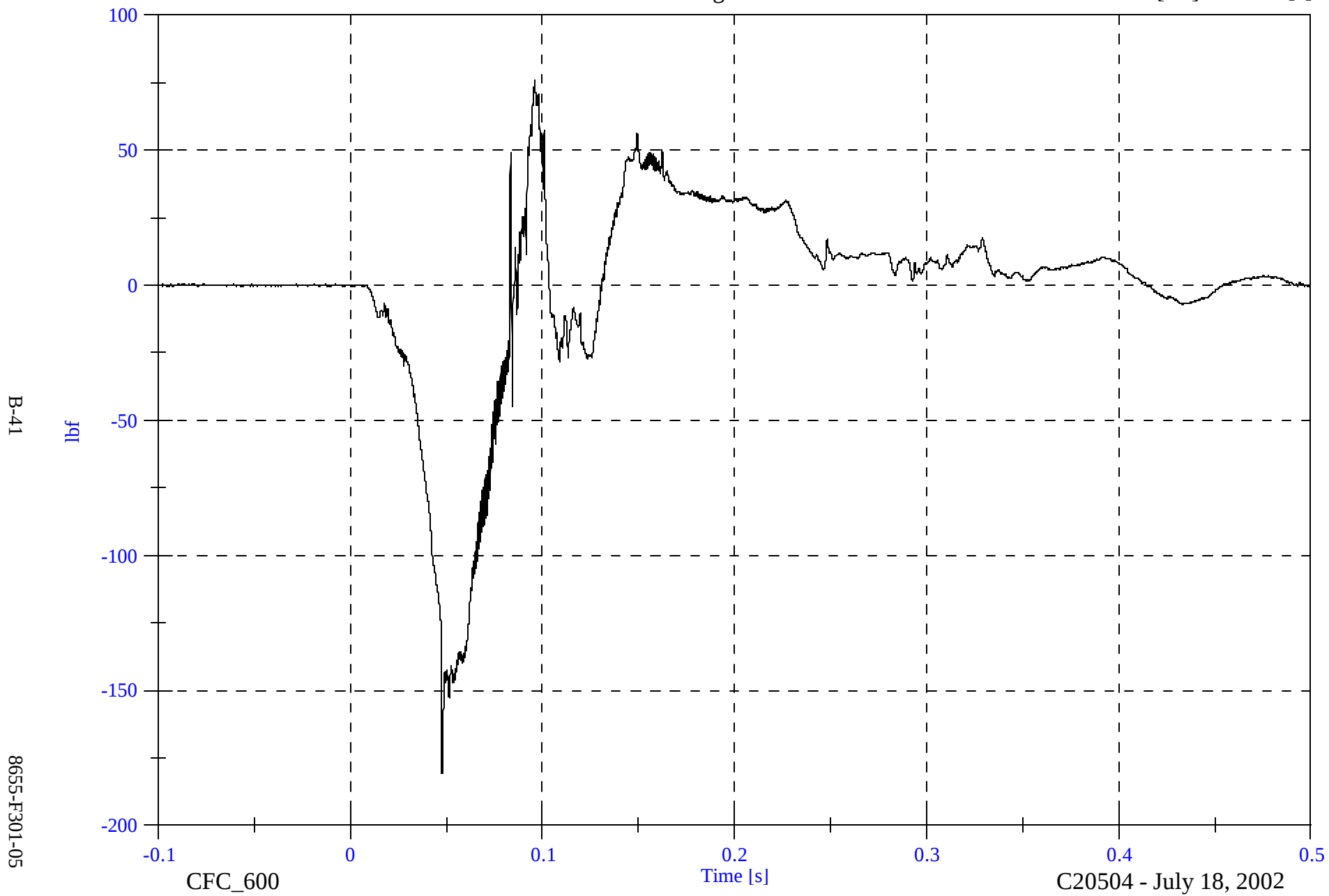


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 75.9 [lbf] at 0.096 [s]

P1 Right Femur

Min: -180.9 [lbf] at 0.048 [s]



FMVSS301 Test #5 - 2002 Suzuki Aerio

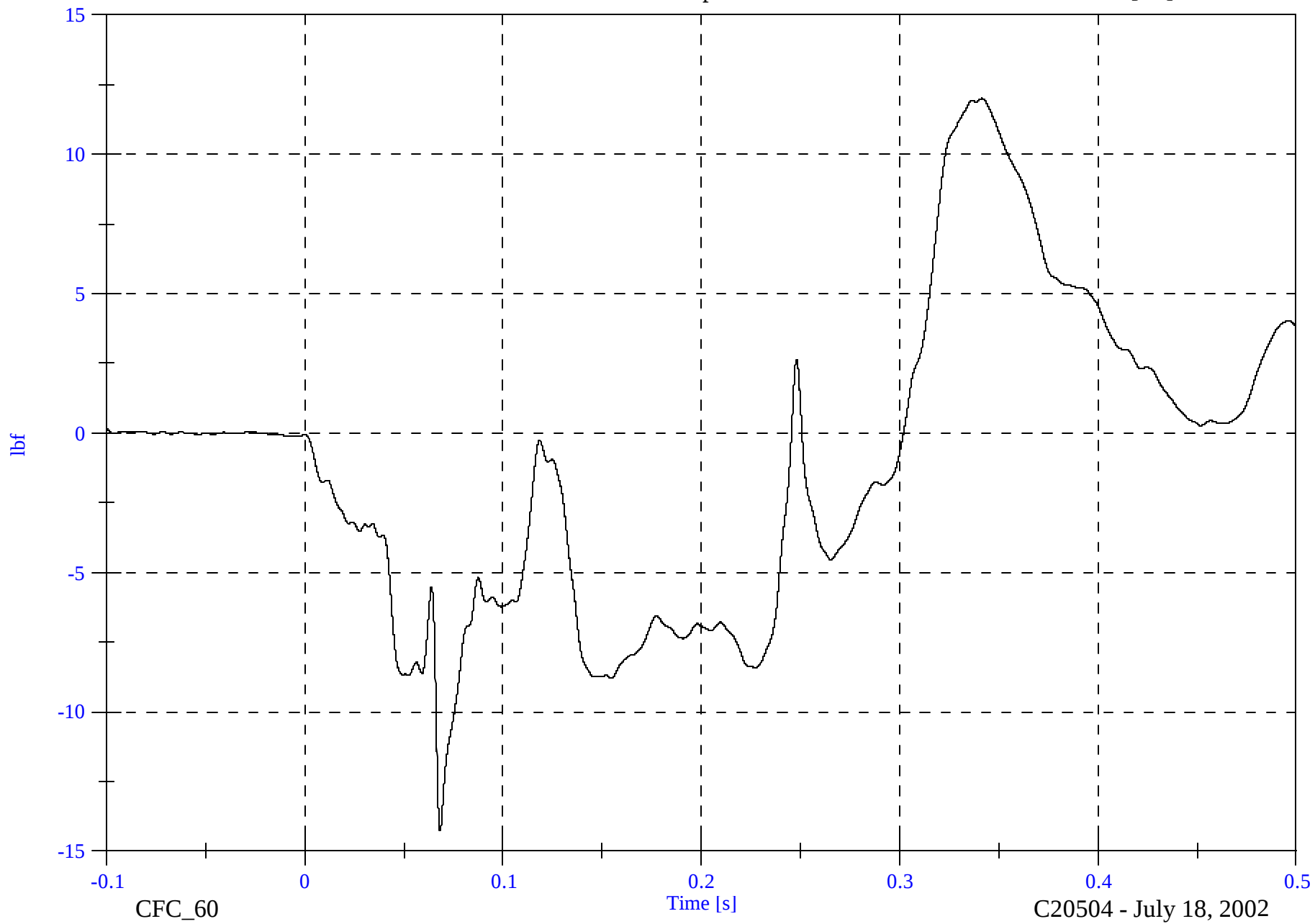
P1 Lap Belt

Max: 12.0 [lbf] at 0.342 [s]

Min: -14.3 [lbf] at 0.068 [s]

B-42

8655-F301-05

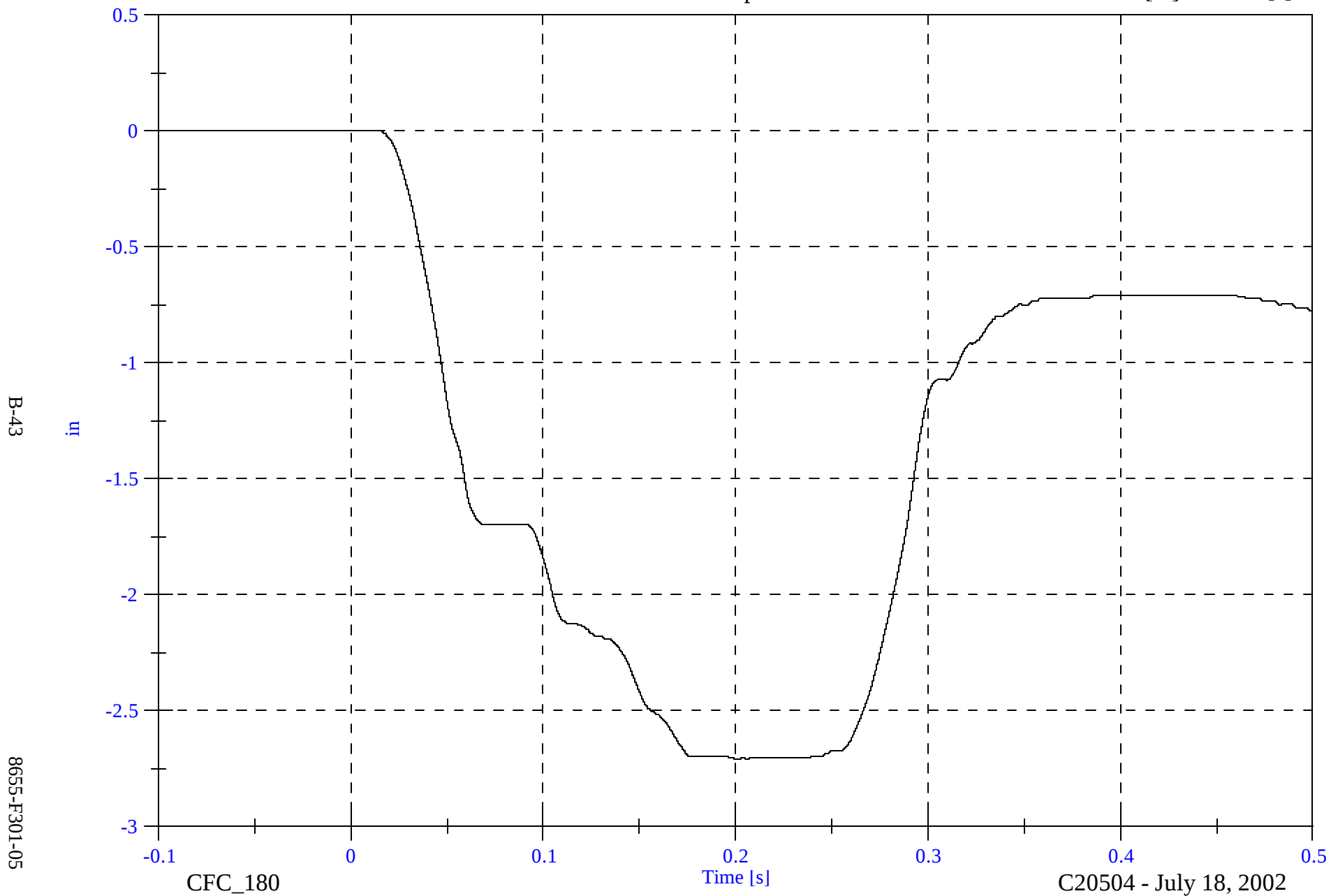


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Belt Spoolout

Max: 0.0 [in] at 0.007 [s]

Min: -2.7 [in] at 0.200 [s]



FMVSS301 Test #5 - 2002 Suzuki Aerio

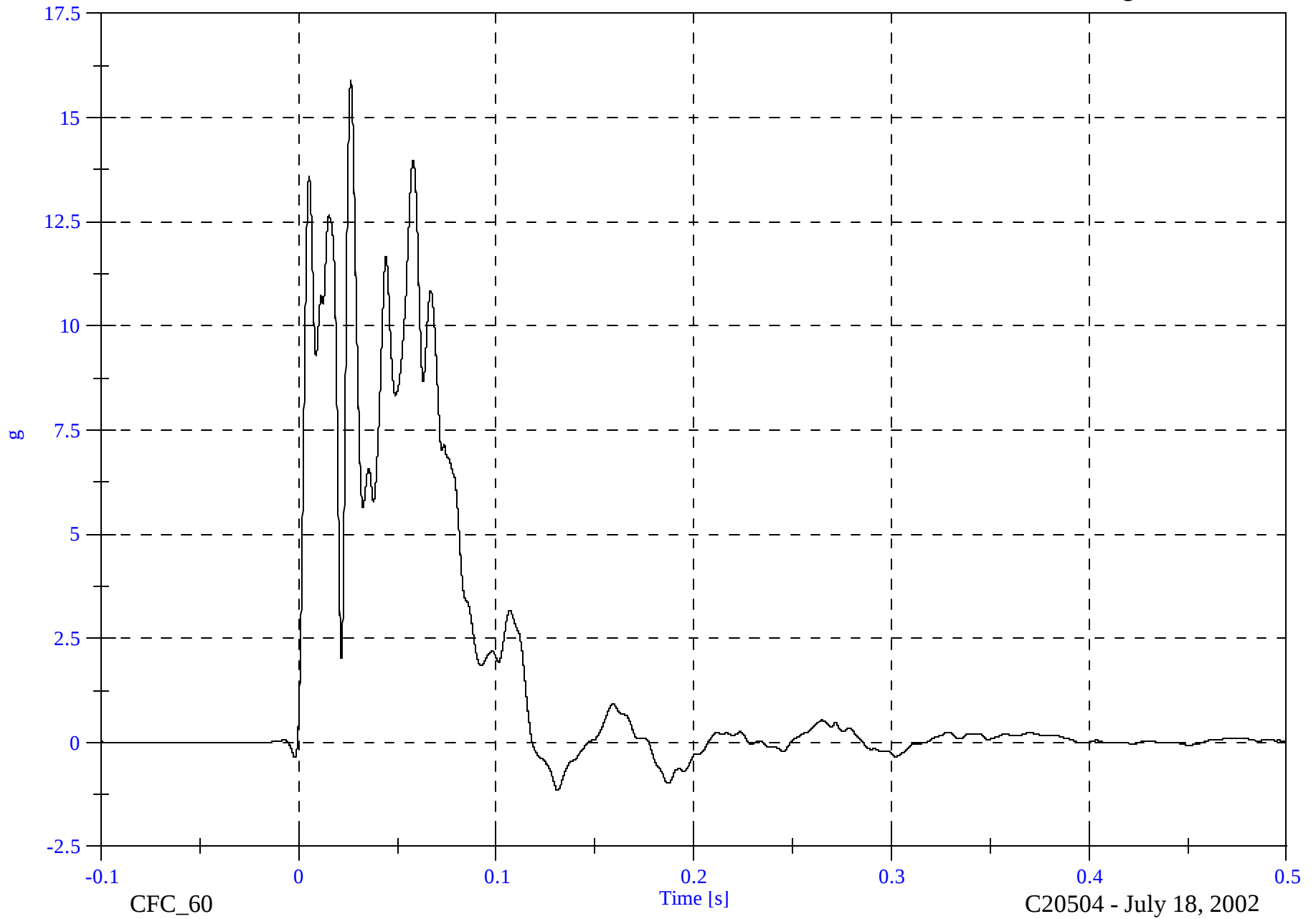
Max: 15.9 [g] at 0.026 [s]

Left X Member x

Min: -1.2 [g] at 0.131 [s]

B-44

8655-F301-05

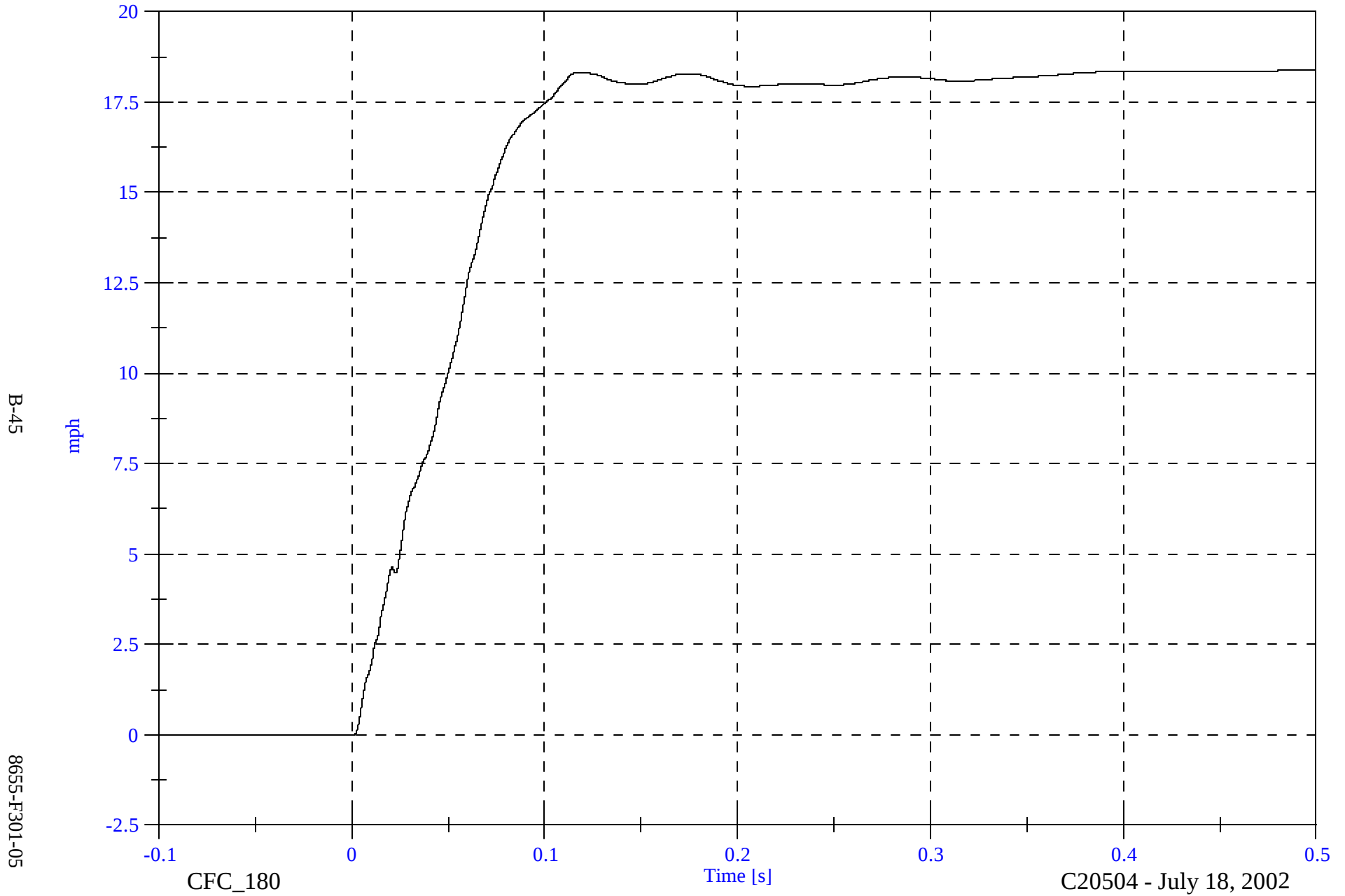


FMVSS301 Test #5 - 2002 Suzuki Aerio

Left X Member x Velocity

Max: 18.4 [mph] at 0.500 [s]

Min: -0.0 [mph] at -0.022 [s]



FMVSS301 Test #5 - 2002 Suzuki Aerio

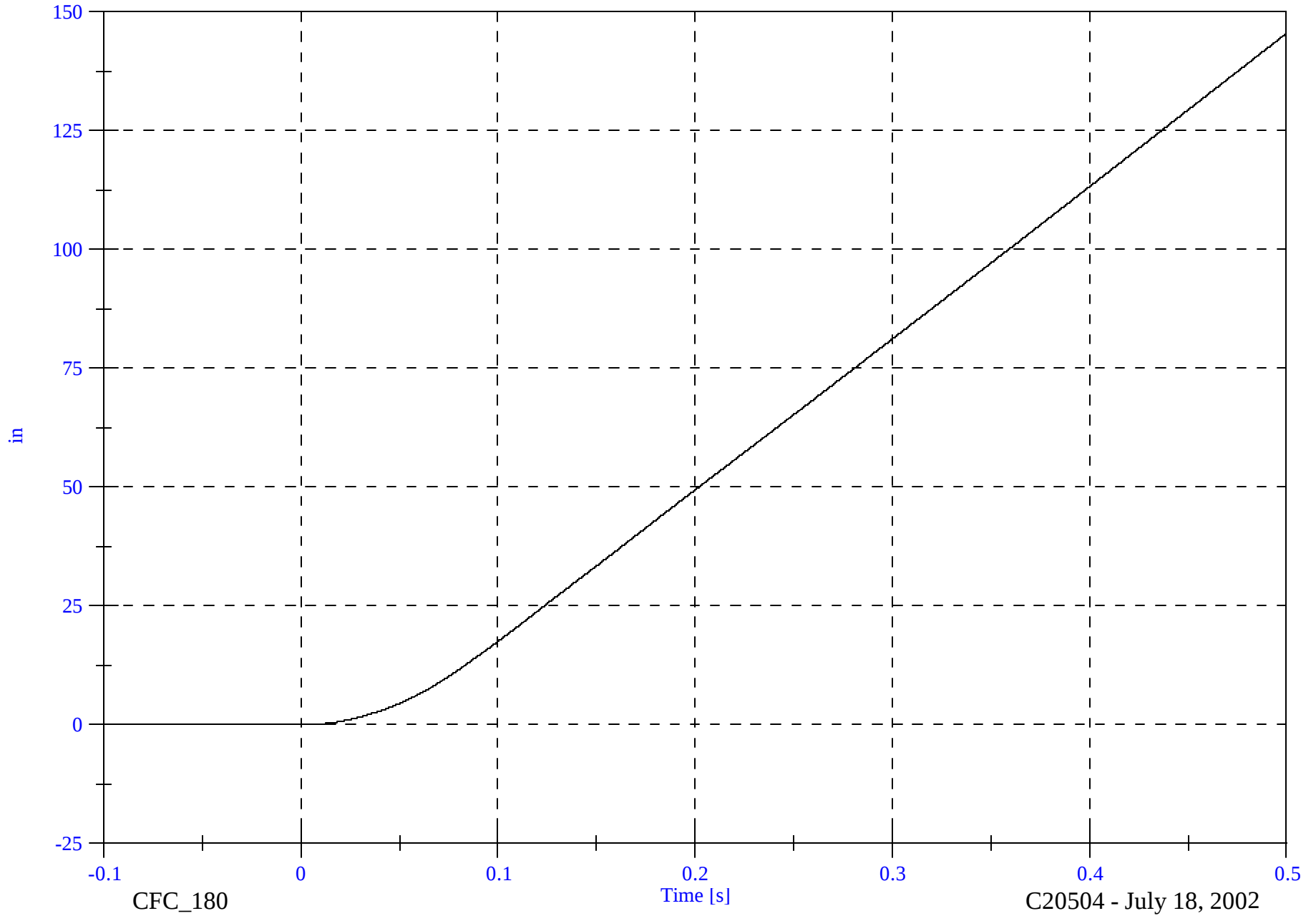
Left X Member x Displacement

Max: 145.5 [in] at 0.500 [s]

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

B-46

8655-F301-05

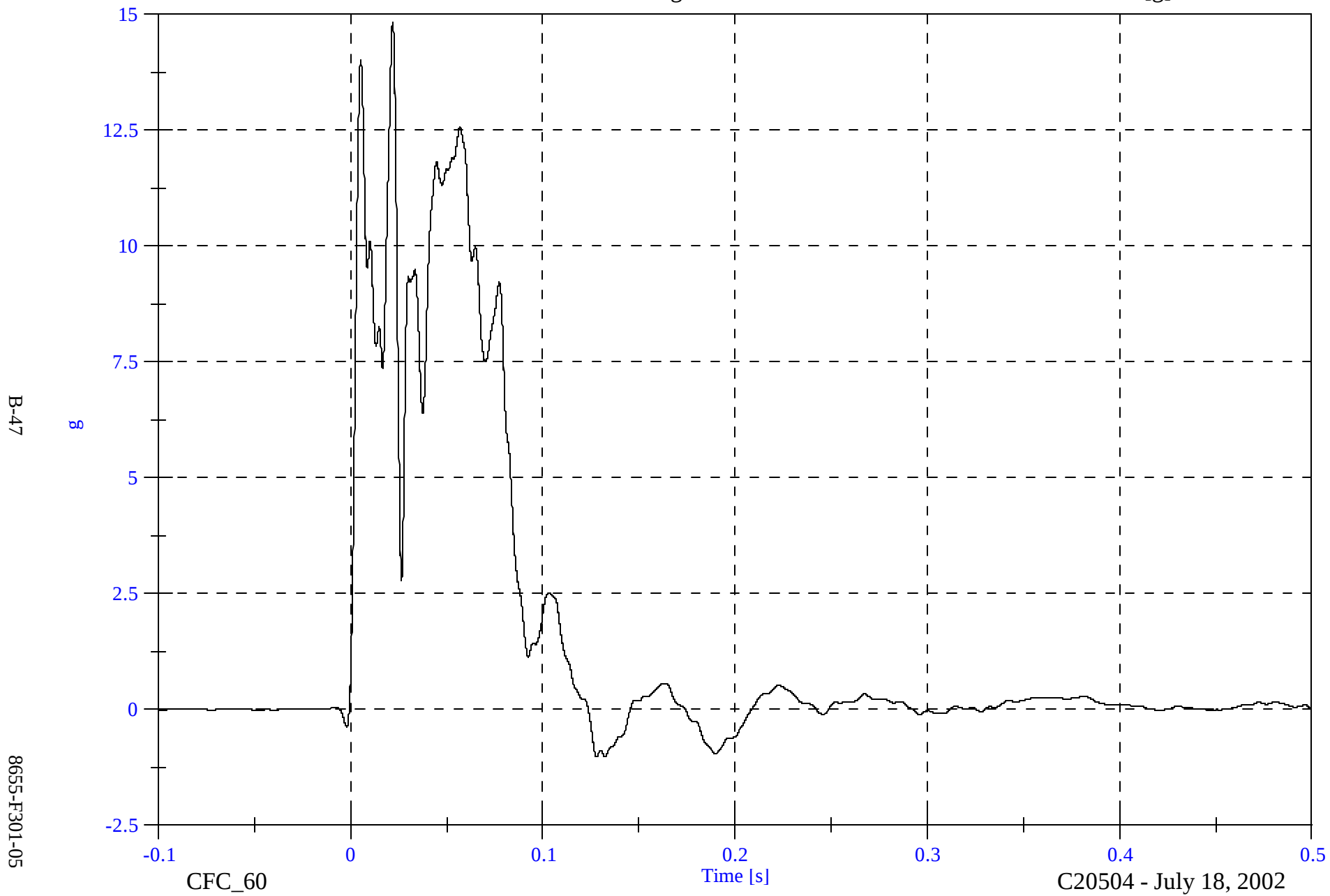


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 14.8 [g] at 0.022 [s]

Right X Member x

Min: -1.0 [g] at 0.128 [s]



FMVSS301 Test #5 - 2002 Suzuki Aerio

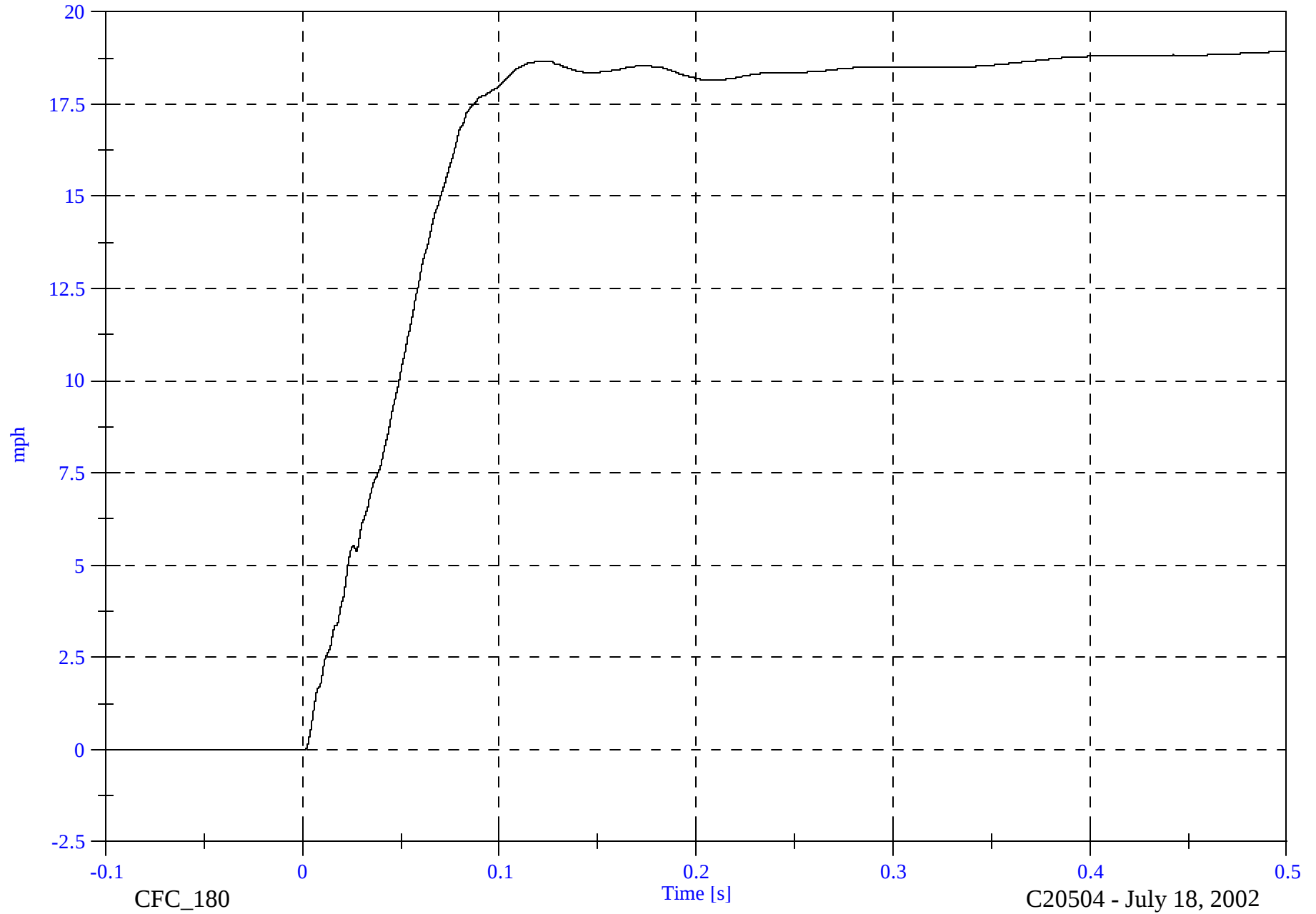
Max: 18.9 [mph] at 0.500 [s]

Right X Member x Velocity

Min: -0.0 [mph] at -0.027 [s]

B-48

8655-F301-05



FMVSS301 Test #5 - 2002 Suzuki Aerio

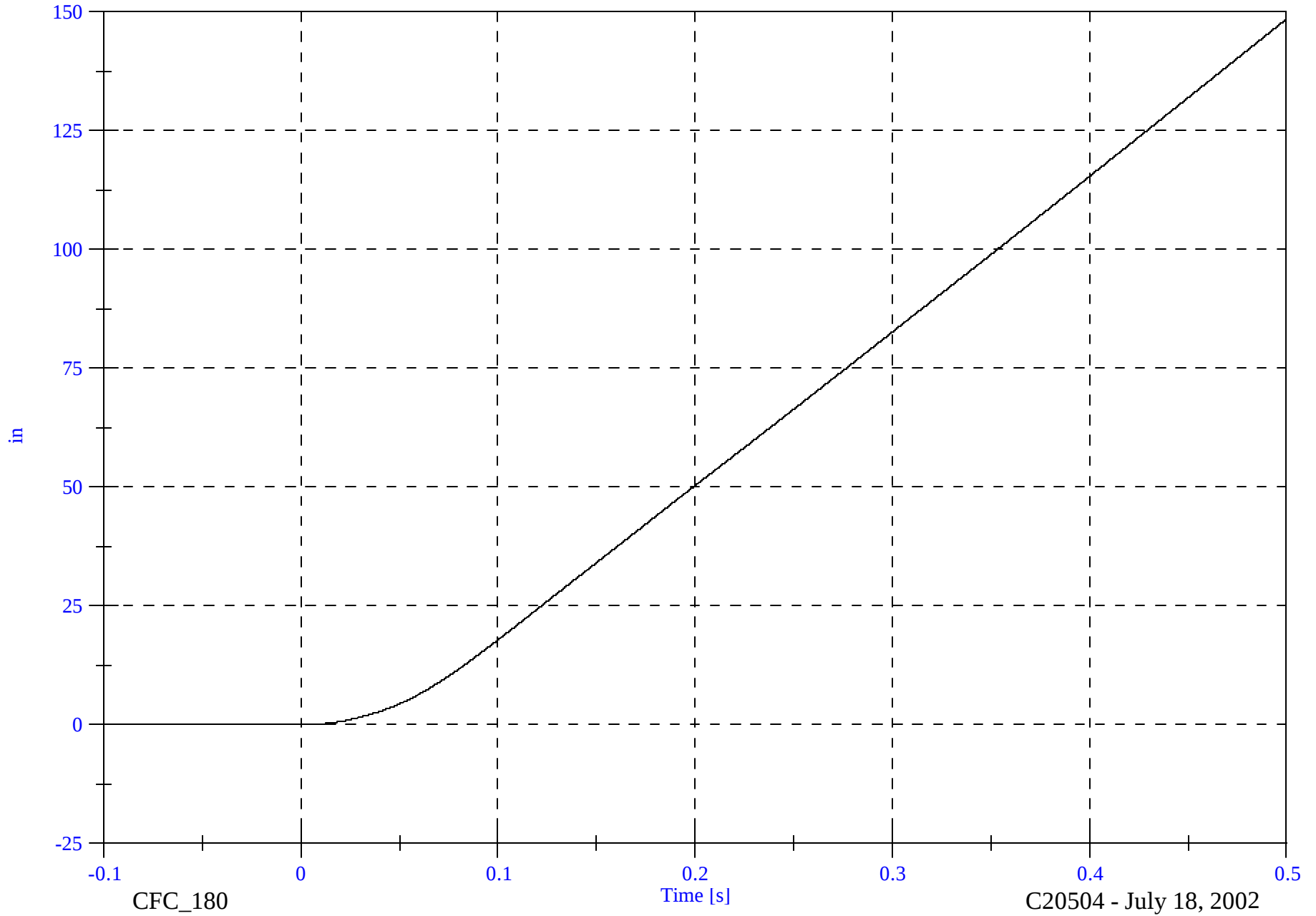
Right X Member x Displacement

Max: 148.5 [in] at 0.500 [s]

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

B-49

8655-F301-05

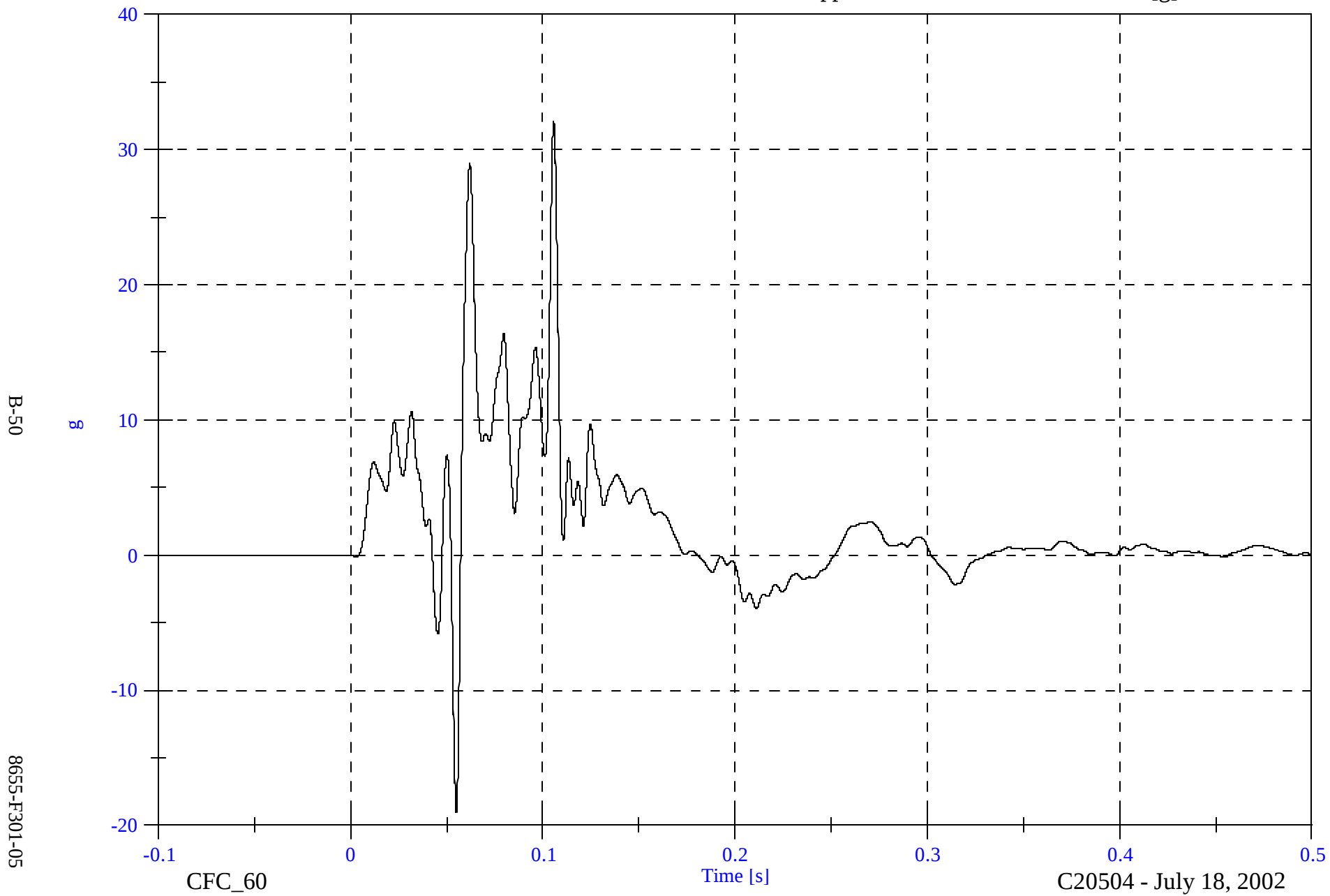


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 32.0 [g] at 0.106 [s]

P1 Left Seatback Rail Upper x

Min: -19.0 [g] at 0.055 [s]

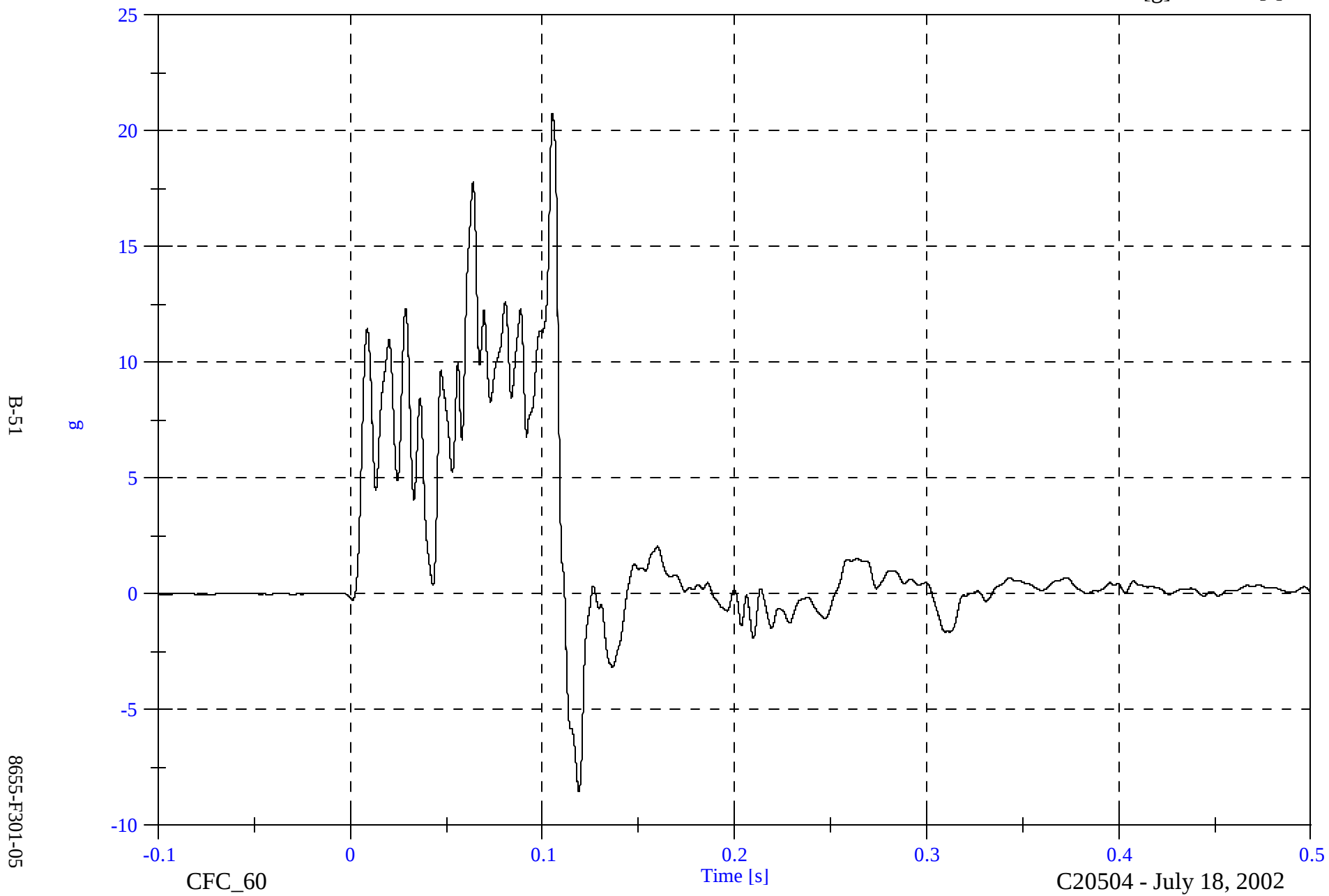


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 20.8 [g] at 0.105 [s]

P1 Left Seatback Rail Lower x

Min: -8.6 [g] at 0.119 [s]

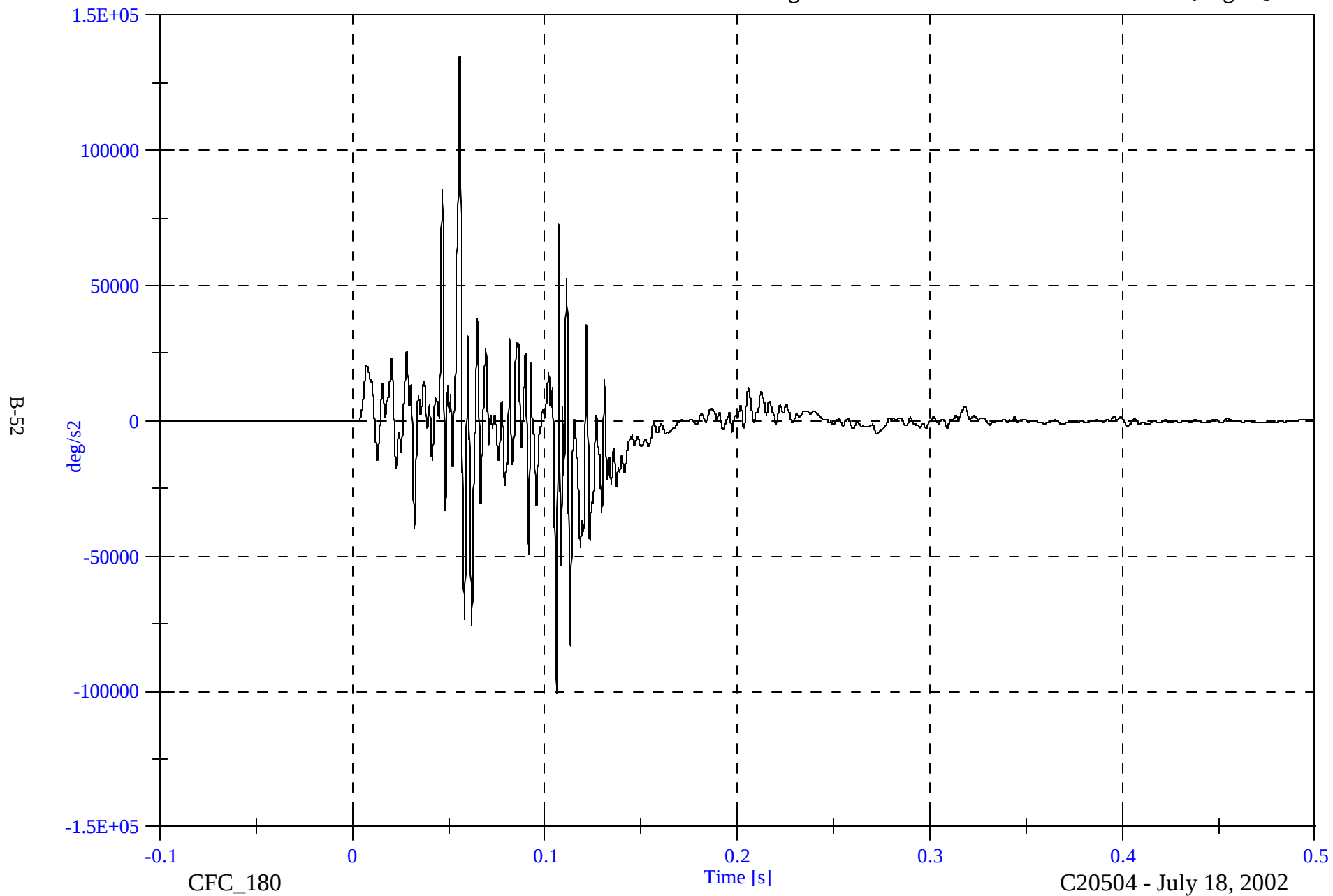


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Left Seatback Angular Acceleration

Max: 134797.8 [deg/s²] at 0.056 [s]

Min: -100471.7 [deg/s²] at 0.106 [s]

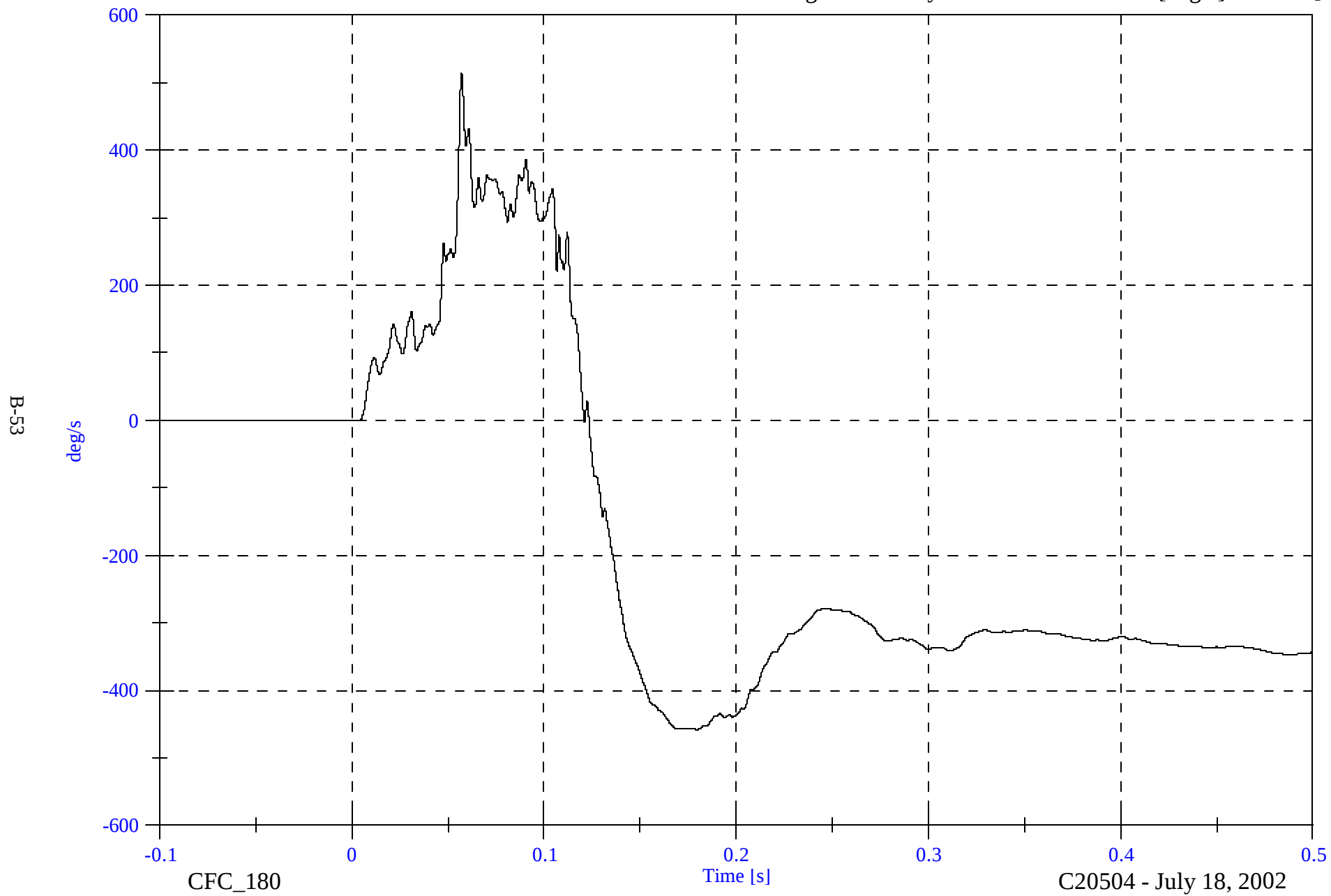


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Left Seatback Angular Velocity

Max: 513.9 [deg/s] at 0.057 [s]

Min: -458.4 [deg/s] at 0.180 [s]

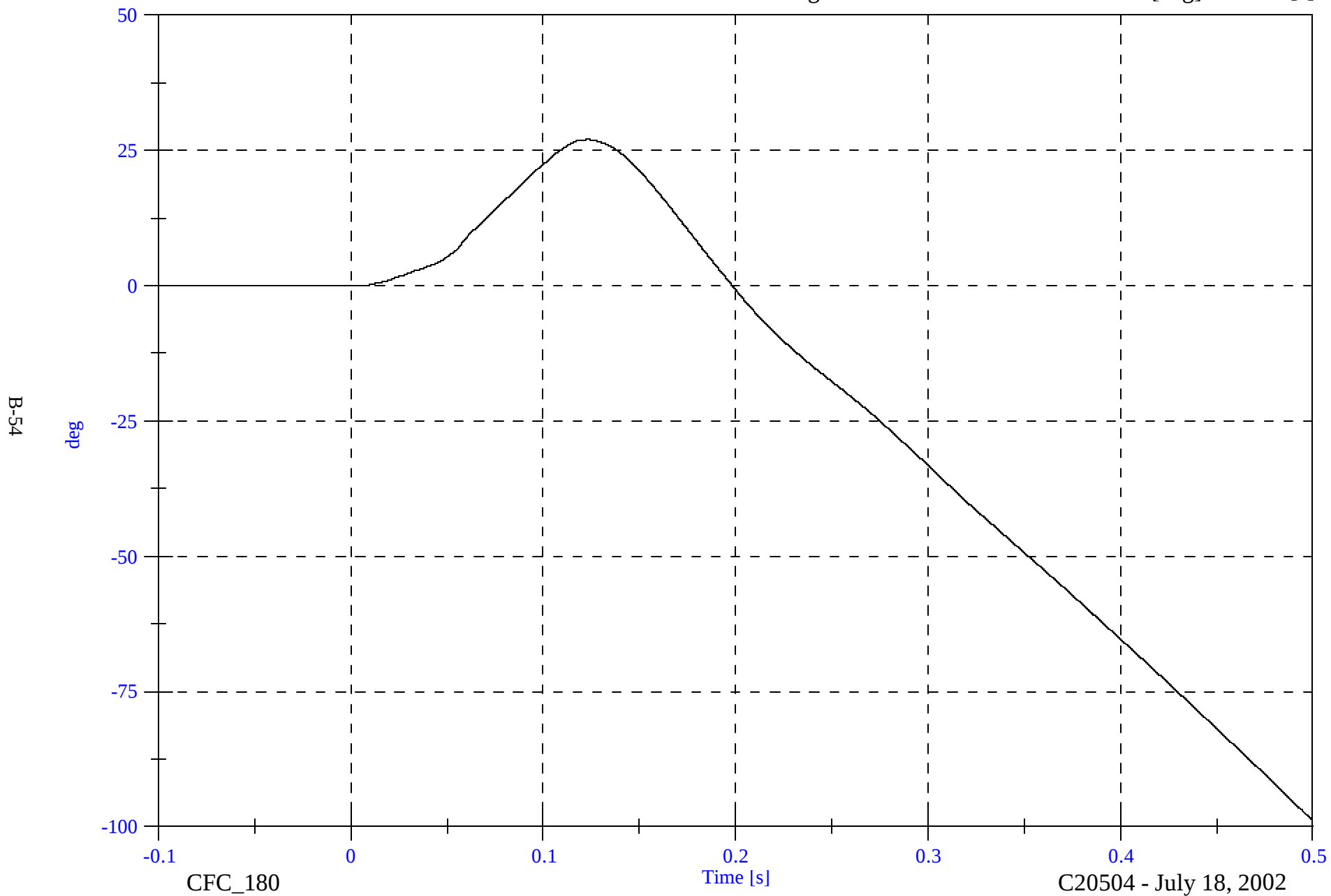


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Left Seatback Angular Position

Max: 27.0 [deg] at 0.123 [s]

Min: -98.9 [deg] at 0.500 [s]

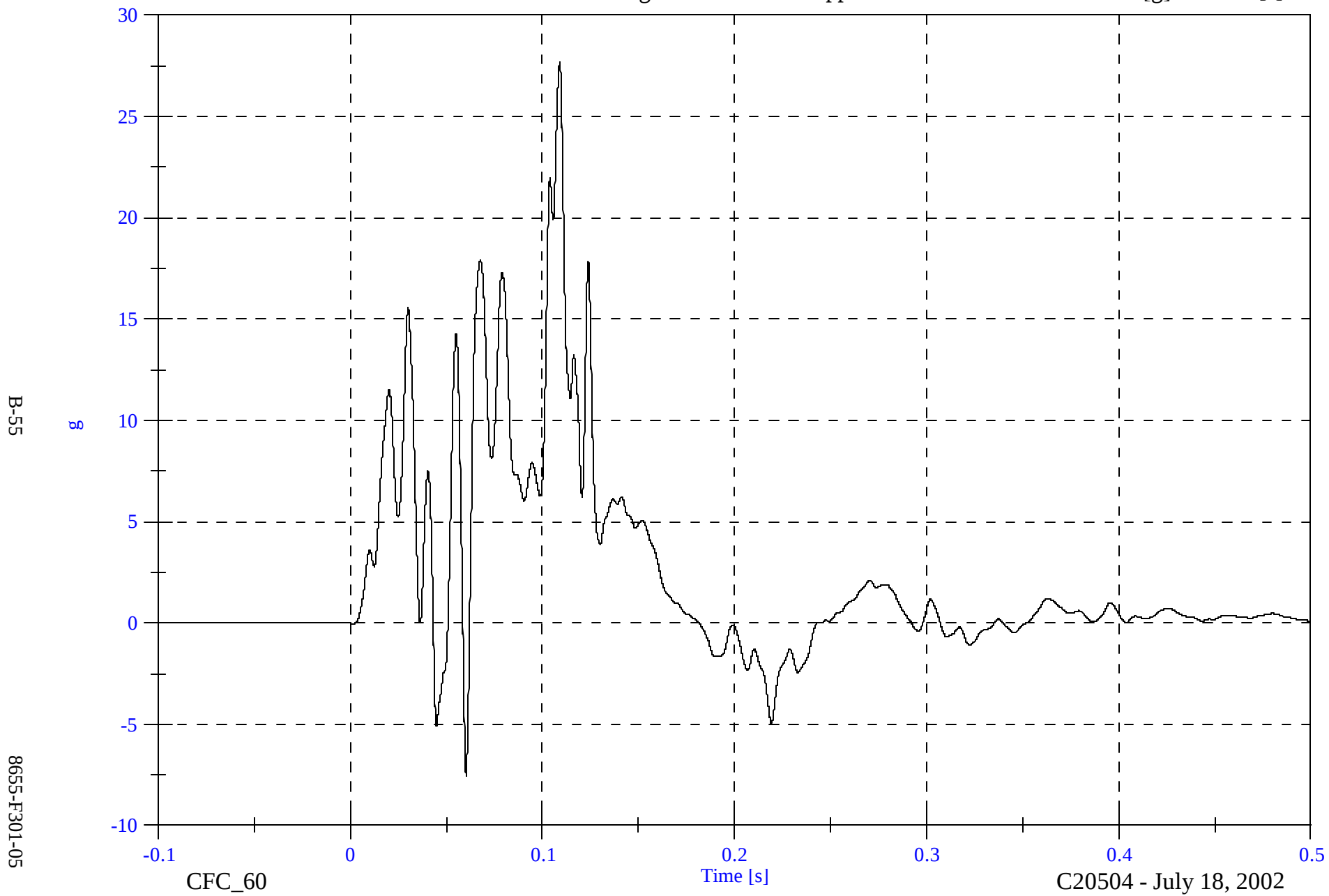


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 27.7 [g] at 0.109 [s]

P1 Right Seatback Rail Upper x

Min: -7.5 [g] at 0.060 [s]



FMVSS301 Test #5 - 2002 Suzuki Aerio

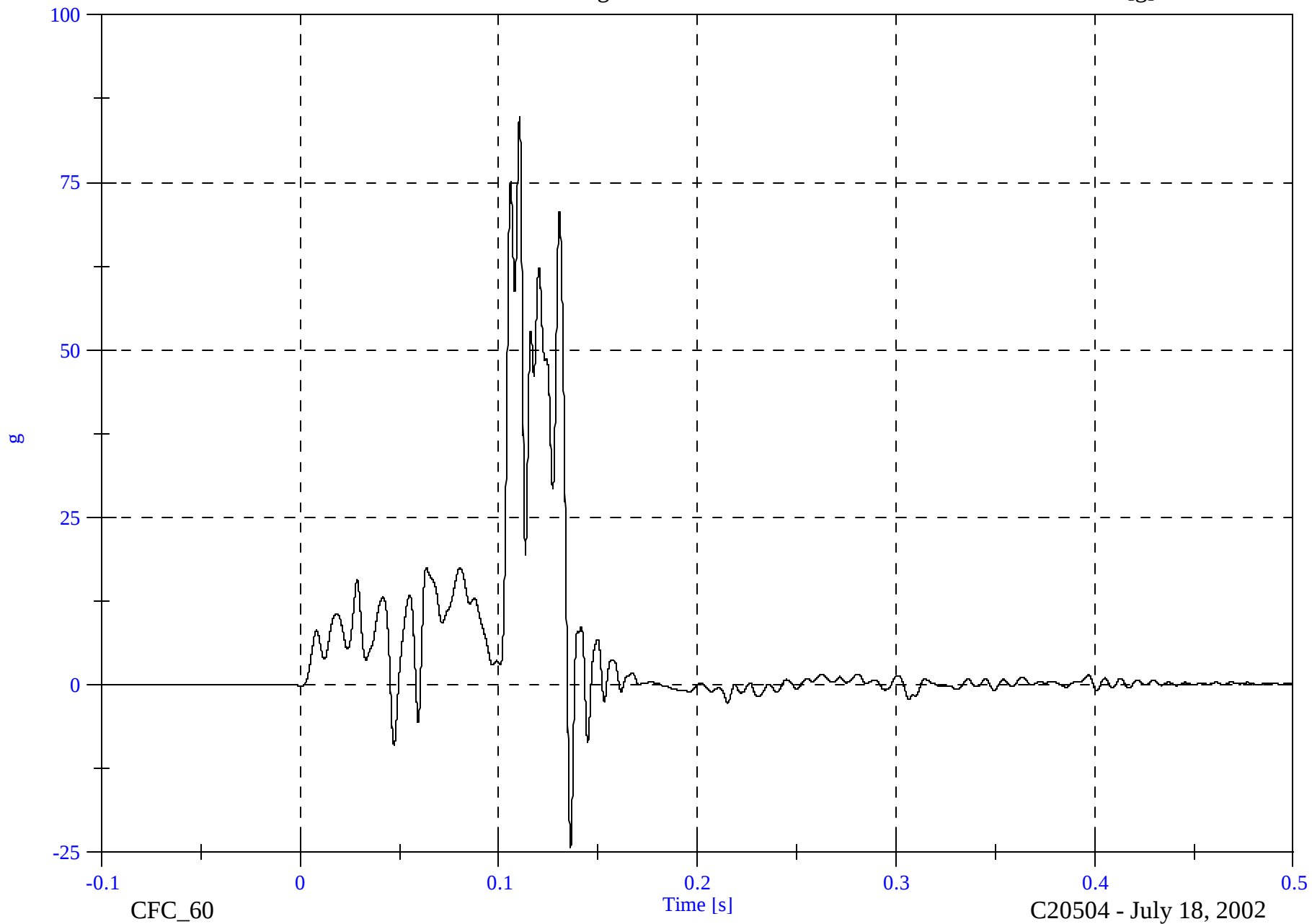
P1 Right Seatback Rail Lower x

Max: 84.7 [g] at 0.110 [s]

Min: -24.3 [g] at 0.136 [s]

B-56

8655-F301-05

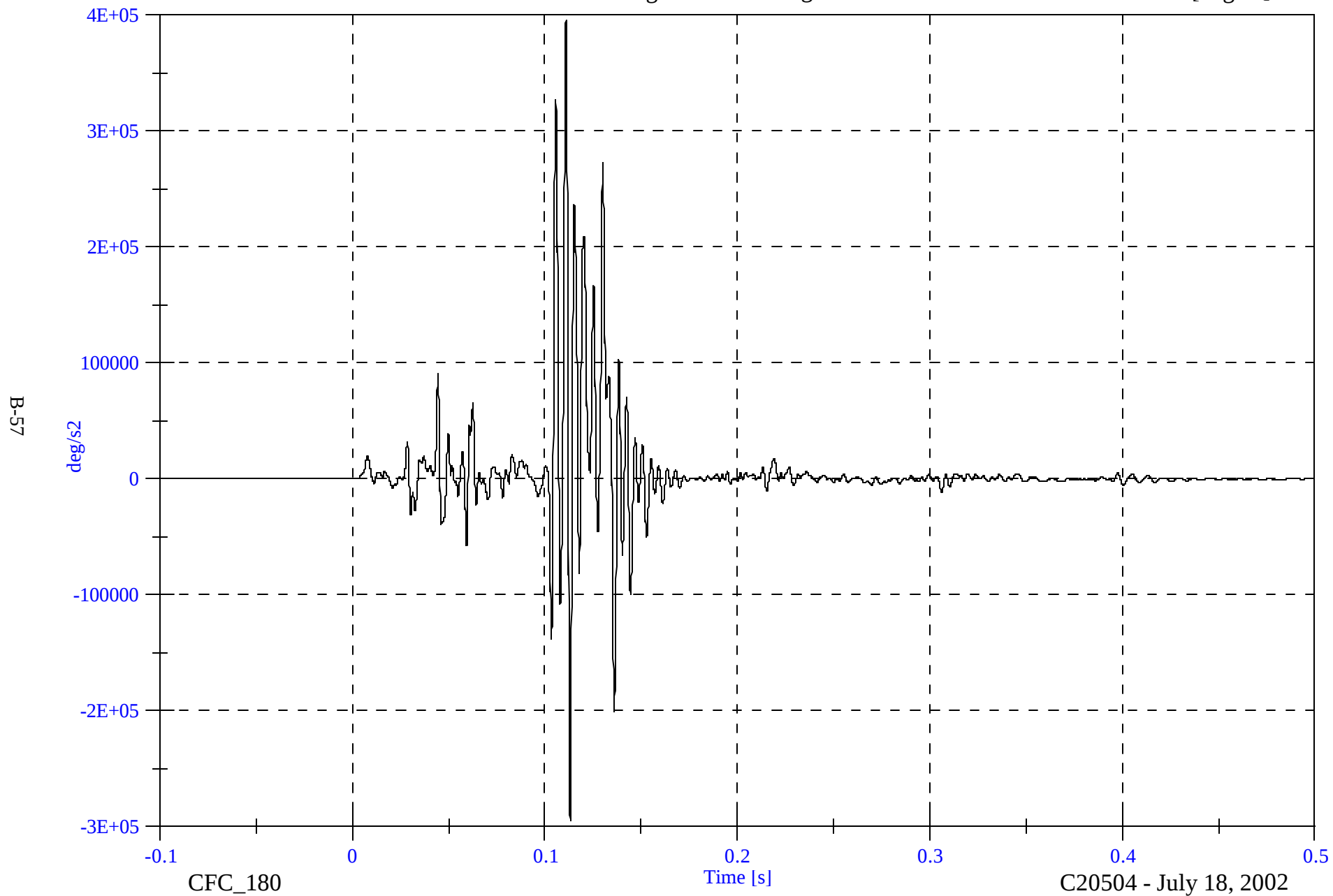


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Right Seatback Angular Acceleration

Max: 395598.5 [deg/s²] at 0.111 [s]

Min: -294217.4 [deg/s²] at 0.113 [s]

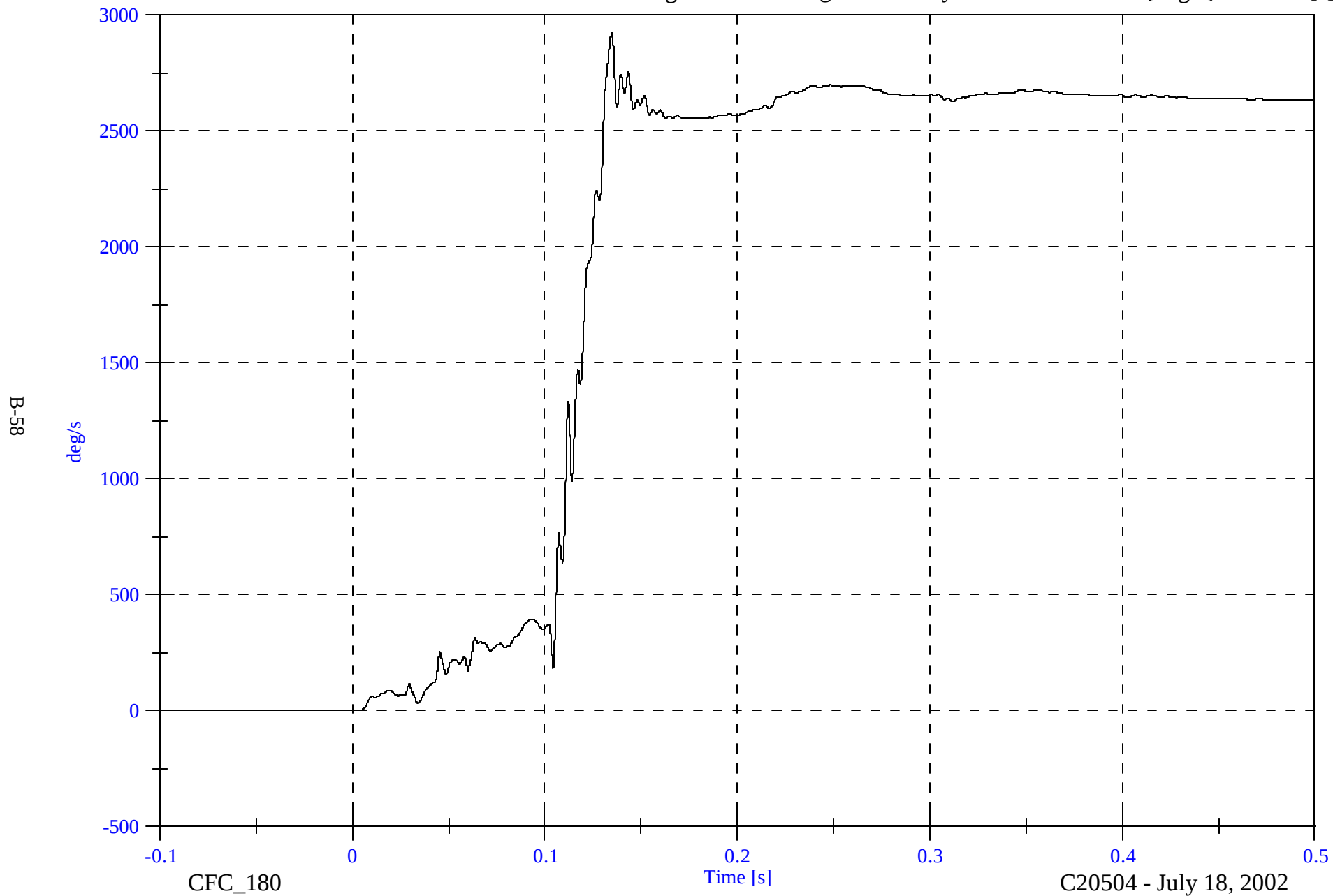


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Right Seatback Angular Velocity

Max: 2925.5 [deg/s] at 0.135 [s]

Min: -0.3 [deg/s] at -0.043 [s]

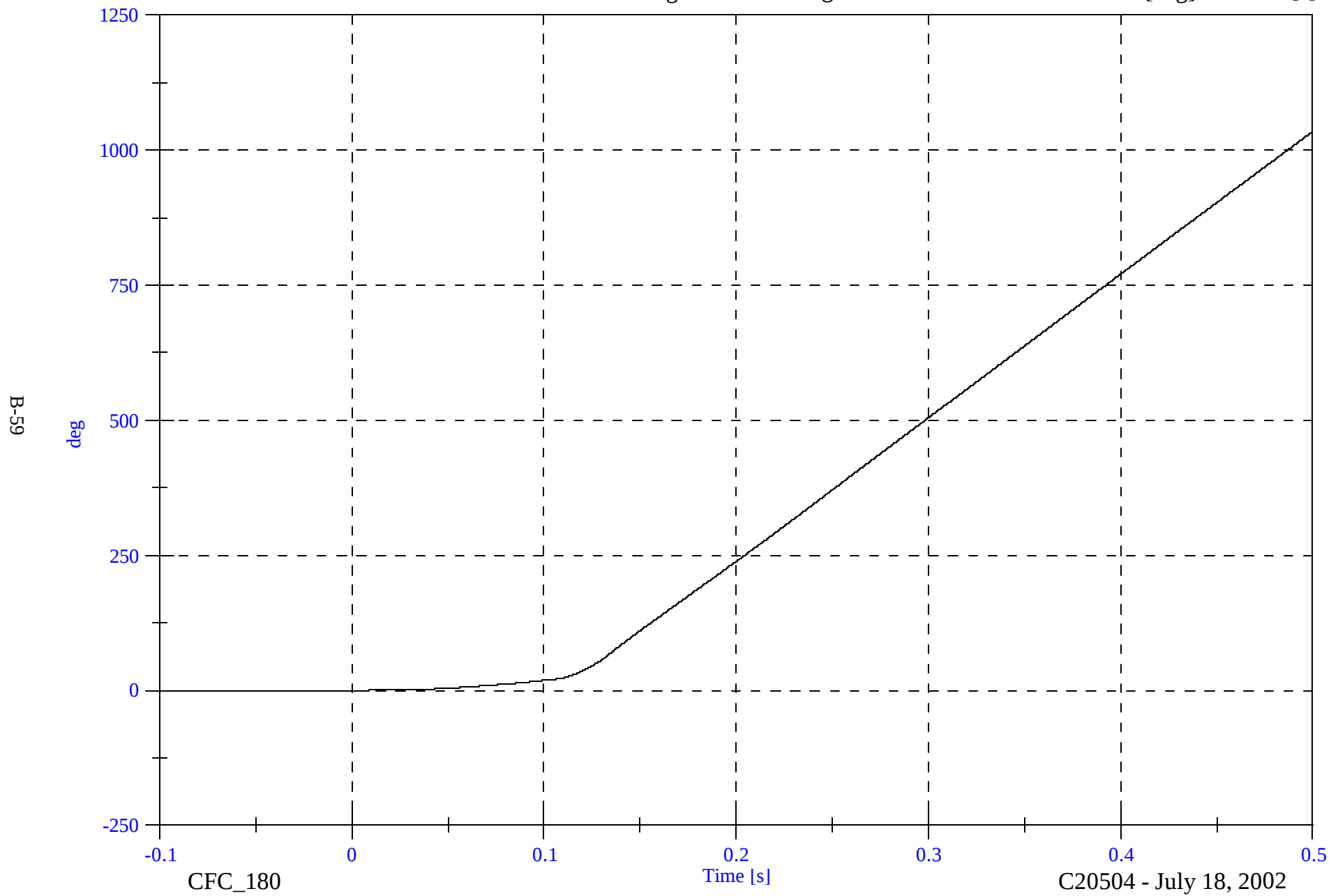


FMVSS301 Test #5 - 2002 Suzuki Aerio

P1 Right Seatback Angular Position

Max: 1034.4 [deg] at 0.500 [s]

Min: -0.0 [deg] at -0.011 [s]

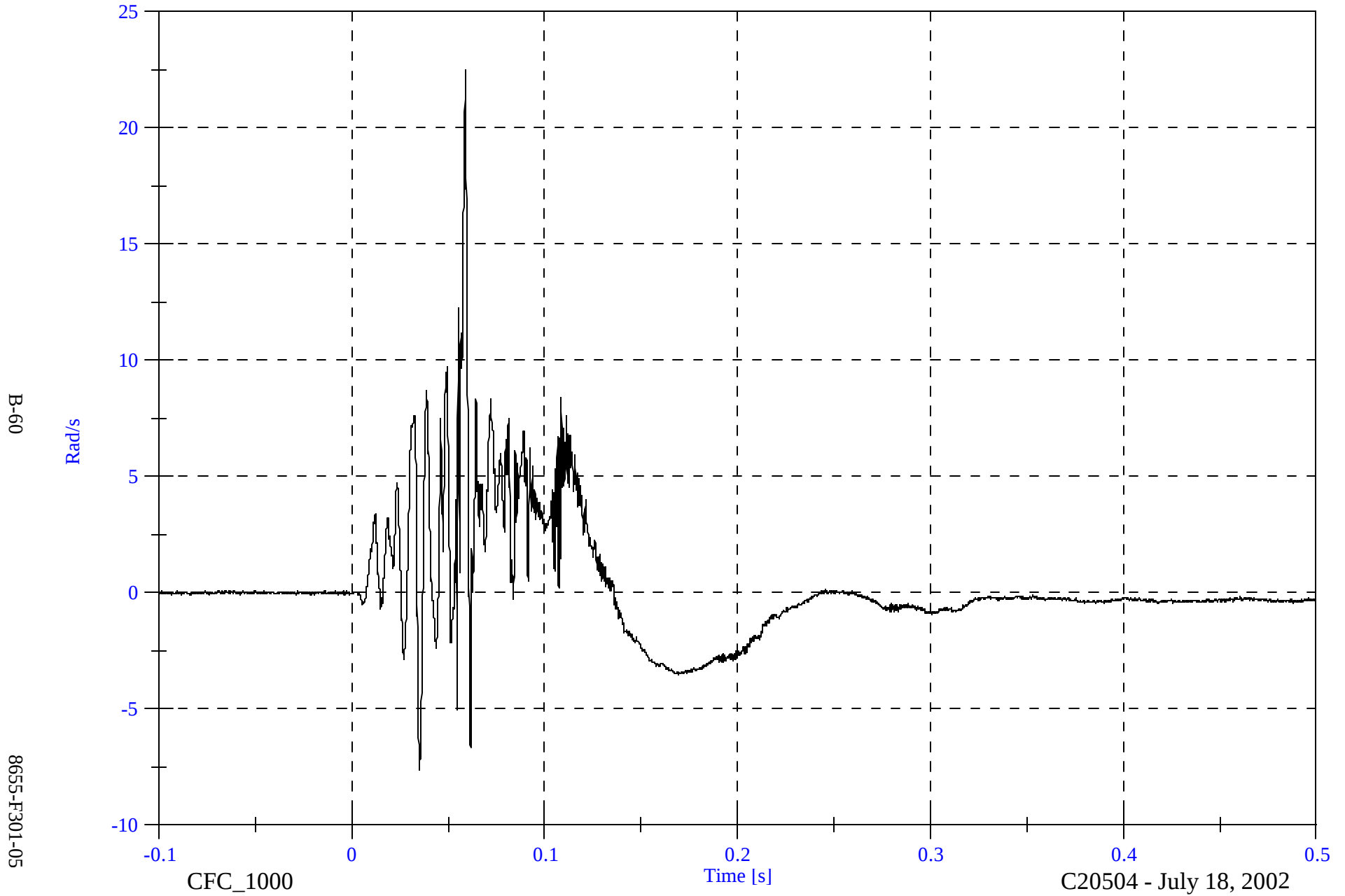


FMVSS301 Test #5 - 2002 Suzuki Aerio

Max: 22.5 [Rad/s] at 0.059 [s]

P1 Left Seatback Rail Ang Velocity y

Min: -7.6 [Rad/s] at 0.035 [s]



FMVSS301 Test #5 - 2002 Suzuki Aerio

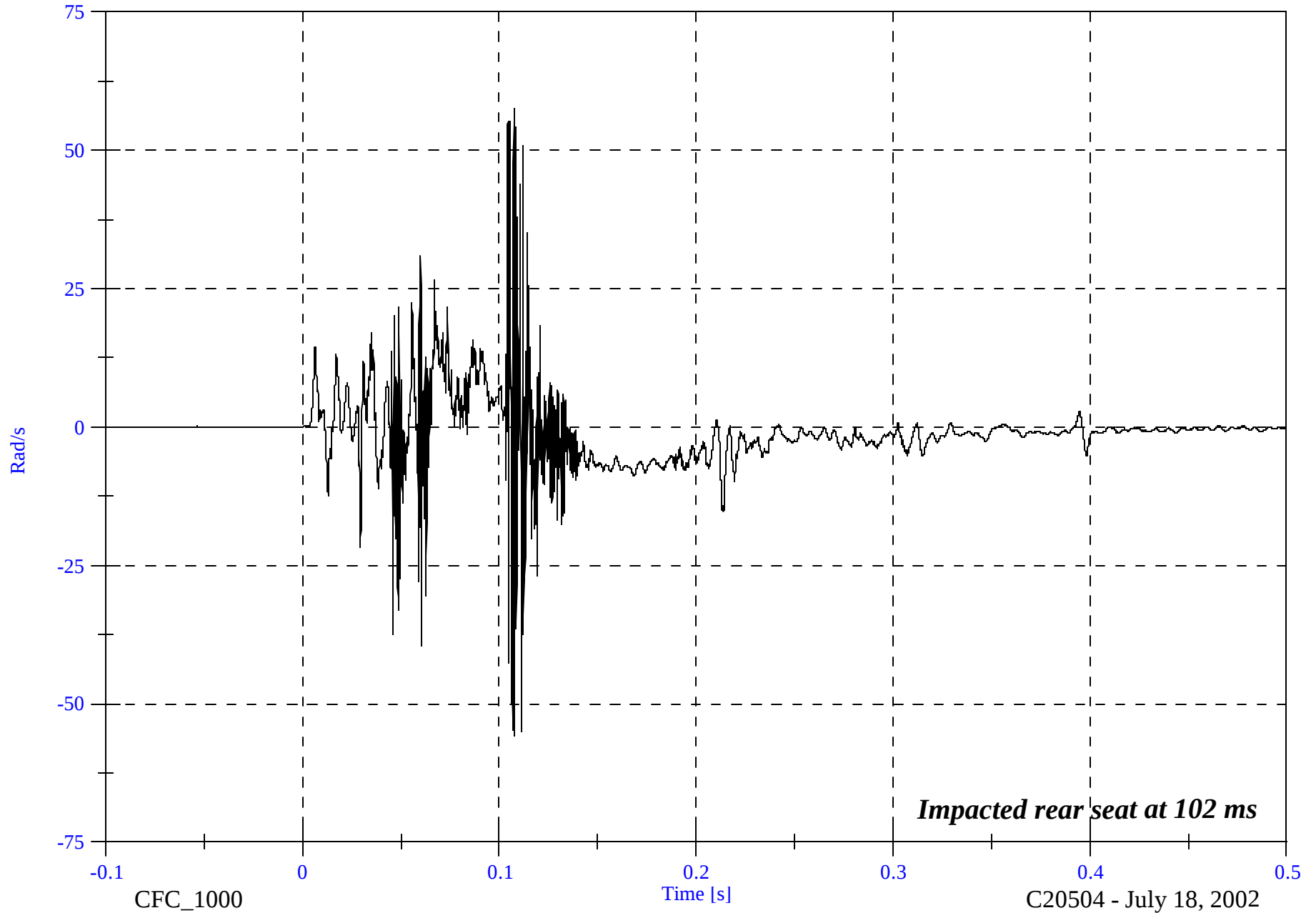
Max: 57.4 [Rad/s] at 0.107 [s]

P1 Right Seatback Rail Ang Velocity y

Min: -55.8 [Rad/s] at 0.108 [s]

B-61

8655-F301-05



FMVSS301 Test #5 - 2002 Suzuki Aerio

Left Sill Ang Velocity y

Max: 13.8 [Rad/s] at 0.055 [s]

Min: -6.9 [Rad/s] at 0.058 [s]

B-62

8655-F301-05

