

DIAGRAMS

TITLE:

Ensayos Proyecto autobuses y SRI Q6-Q10

TEST NUMBER:

B204002TOHI

REGULATION:

ECE R80



Dummy Values Summary Table

Test # : B204002TOHI

VIN : SLED000000HOMOL01

Date : 2020-09-28

Dummy: Q10 / AQA01 / pos 4

Title : Ensayos Proyecto autobuses y SRI Q6-Q10

Speed: 30.35 km/h



HEAD

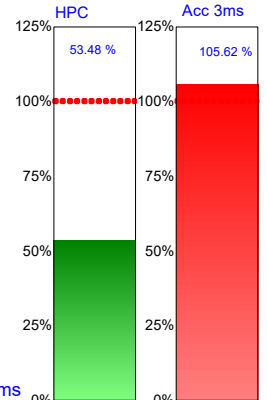
Head Resultant

CFC_1000

Head Resultant Acc:
104.98 g at 115.3 ms

HPC: 427.83
between 108.9 and 121 ms
53.48 % of limit value 800

Head Acc 3ms: 84.5 g
between 112.6 and 116 ms
105.62 % of limit value 80



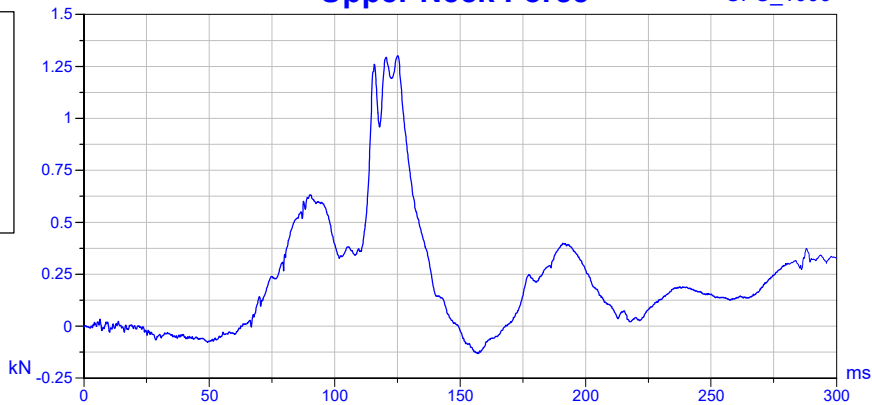
UPPER NECK

Upper Neck Force

CFC_1000

Neck tension force (Fz):
1302.47 N at 125.2 ms

Neck bending moment (My):
19.19 Nm at 235.7 ms



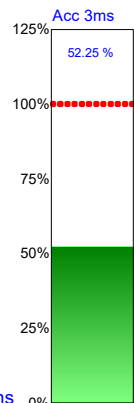
CHEST

Chest Resultant

CFC_180

Chest Resultant Acc:
29.73 g at 124.7 ms

Chest Acc 3ms: 28.74 g
between 122.2 and 125.5 ms
52.25 % of limit value 55



CHEST, ABDOMINAL

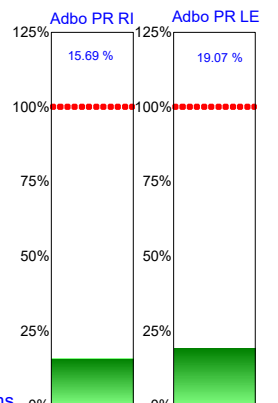
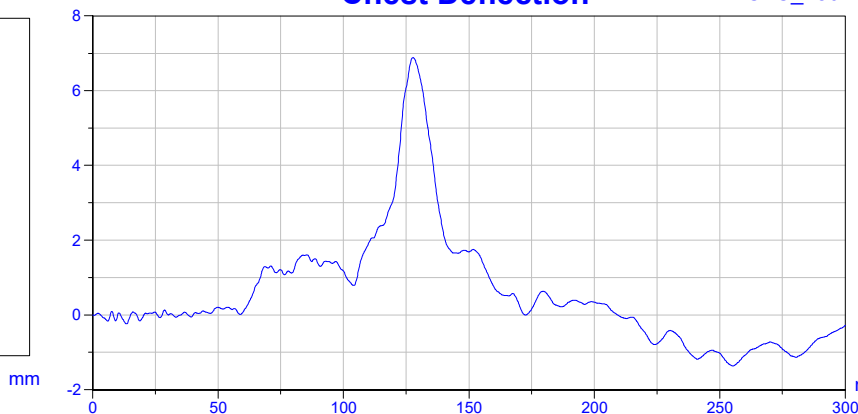
Chest Deflection

CFC_180

Chest Deflection:
-1.36 mm at 255.2 ms

Abdomen Pressure Right:
0.19 bar at 170.2 ms
15.69 % of limit value 1.2

Abdominal Pressure Left:
0.23 bar at 169.9 ms
19.07 % of limit value 1.2



Dummy Values Summary Table

Test # : B204002TOHI

VIN : SLED000000HOMOL01



Date : 2020-09-28

Dummy: Q6 / AQ601 / pos 6

Title : Ensayos Proyecto autobuses y SRI Q6-Q10

Speed: 30.35 km/h

HEAD

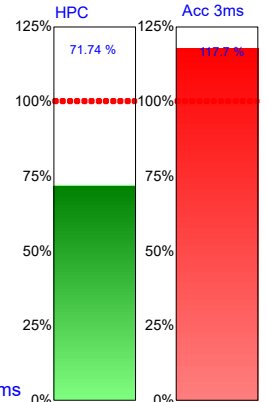
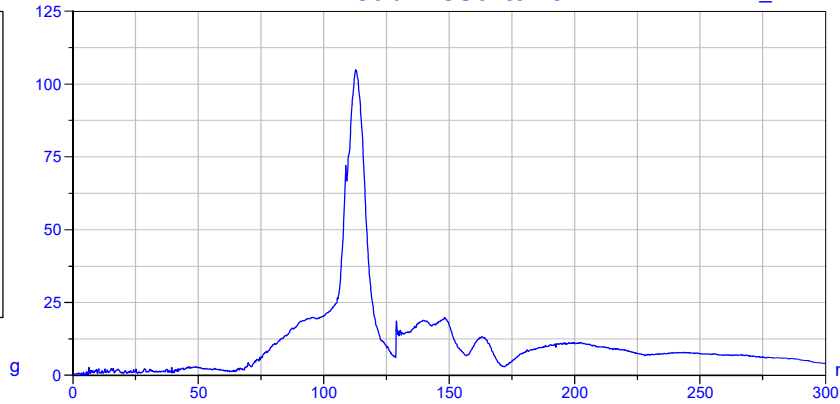
Head Resultant

CFC_1000

Head Resultant Acc:
104.93 g at 112.7 ms

HPC: 573.9
between 107.8 and 117.2 ms
71.74 % of limit value 800

Head Acc 3ms: 94.16 g
between 111.4 and 114.4 ms
117.7 % of limit value 80



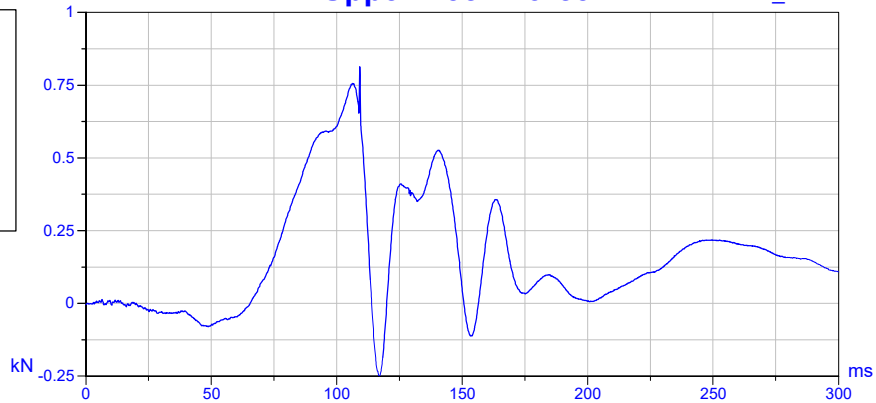
UPPER NECK

Upper Neck Force

CFC_1000

Neck tension force (Fz):
813.47 N at 109.2 ms

Neck bending moment (My):
25.79 Nm at 204.4 ms



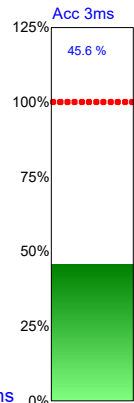
CHEST

Chest Resultant

CFC_180

Chest Resultant Acc:
25.98 g at 126.1 ms

Chest Acc 3ms: 25.08 g
between 124.7 and 127.7 ms
45.6 % of limit value 55



CHEST, ABDOMINAL

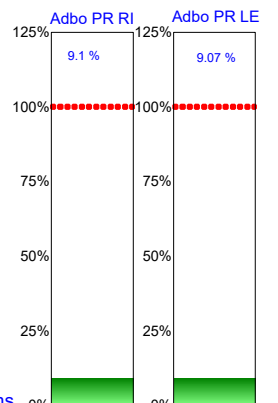
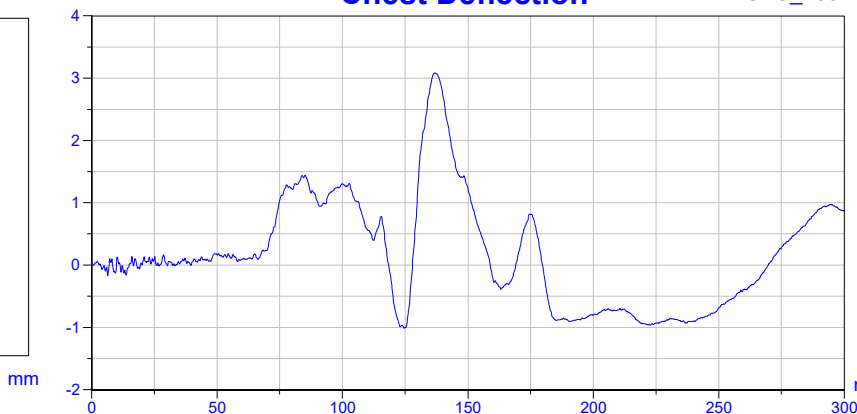
Chest Deflection

CFC_180

Chest Deflection:
-1.01 mm at 124.6 ms

Abdomen Pressure Right:
0.09 bar at 126.4 ms
9.1 % of limit value 1

Abdominal Pressure Left:
0.09 bar at 126.5 ms
9.07 % of limit value 1



Sled Pulse



Test # : B204002TOHI

Date : 2020-09-28

Title : Ensayos Proyecto autobuses y SRI Q6-Q10

Vehicle Type : Sled

VIN : SLED000000HOMOL01

Speed: 30.35 km/h

SLED Acc. Impact

CFC_60

