

DIAGRAMS

TITLE:

Ensayos Proyecto autobuses y SRI

TEST NUMBER:

B202805TOHI

REGULATION:

ECE R80



Dummy Values Summary Table

Test # : B202805TOHI

VIN : SLED000000HOMOL01



Date : 2020-07-08

Dummy: Q1.5 / pos 4

Title : Ensayos Proyecto autobuses y SRI

Speed: 30.30 km/h

HEAD

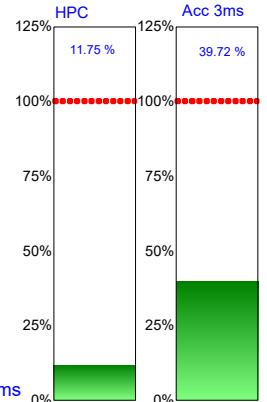
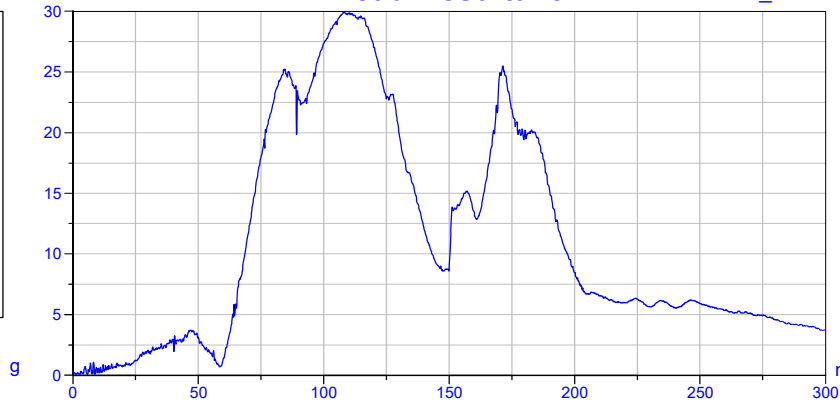
Head Resultant

CFC_1000

Head Resultant Acc:
29.98 g at 107.8 ms

HPC: 70.47
between 102.9 and 117.9 ms
11.75 % of limit value 600

Head Acc 3ms: 29.79 g
between 107.5 and 111.4 ms
39.72 % of limit value 75



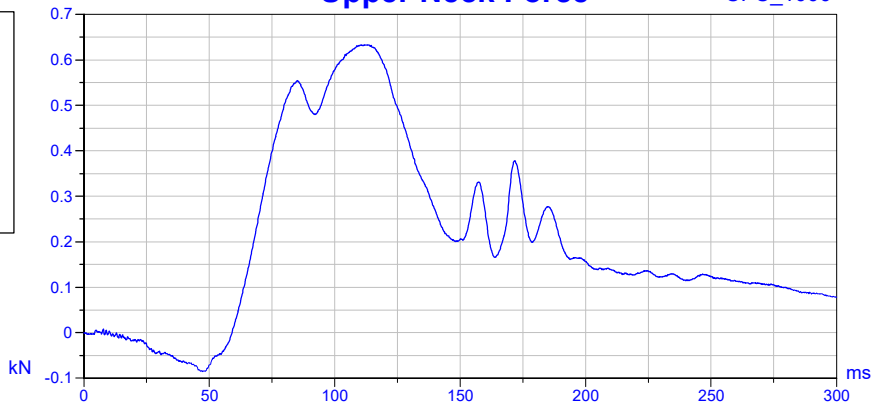
UPPER NECK

Upper Neck Force

CFC_1000

Neck tension force (Fz):
633.33 N at 113.2 ms

Neck bending moment (My):
17.88 Nm at 179.1 ms



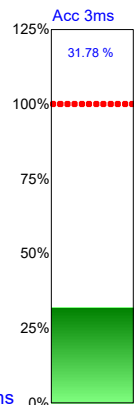
CHEST

Chest Resultant

CFC_180

Chest Resultant Acc:
27.24 g at 168.7 ms

Chest Acc 3ms: 17.48 g
between 167.5 and 178 ms
31.78 % of limit value 55



CHEST, ABDOMINAL

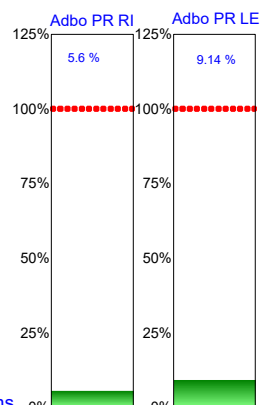
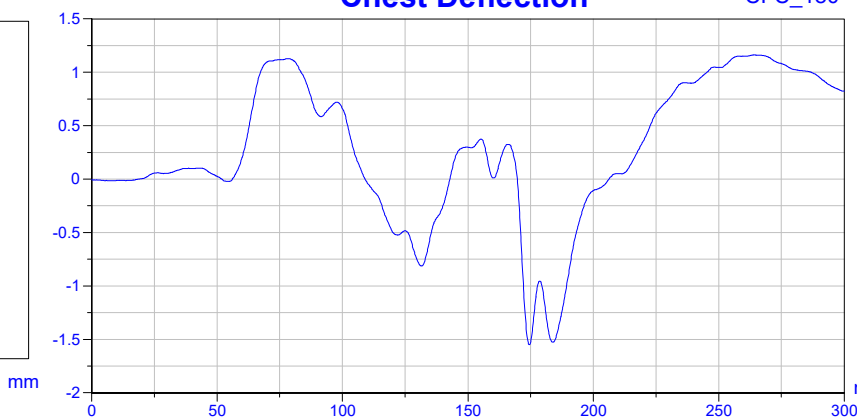
Chest Deflection

CFC_180

Chest Deflection:
-1.55 mm at 174.5 ms

Abdomen Pressure Right:
0.07 bar at 173.3 ms
5.6 % of limit value 1.2

Abdominal Pressure Left:
0.11 bar at 173.1 ms
9.14 % of limit value 1.2



Dummy Values Summary Table

Test # : B202805TOHI

VIN : SLED000000HOMOL01



Date : 2020-07-08

Dummy: Q3 / pos 6

Title : Ensayos Proyecto autobuses y SRI

Speed: 30.30 km/h

HEAD

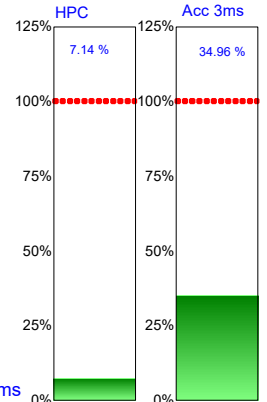
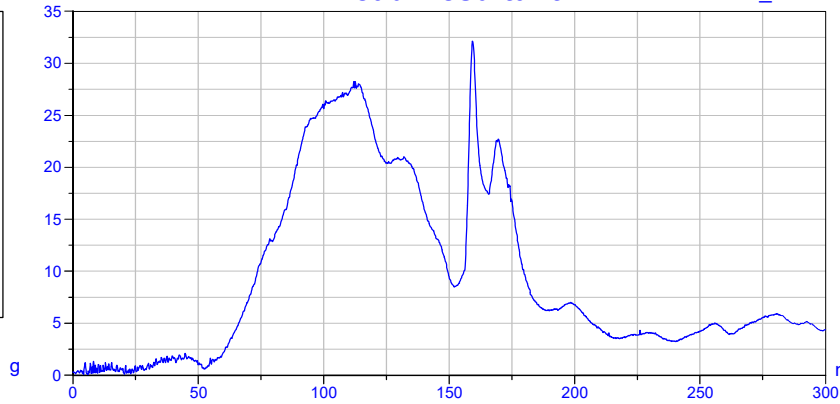
Head Resultant

CFC_1000

Head Resultant Acc:
32.14 g at 159.4 ms

HPC: 57.14
between 101.9 and 116.9 ms
7.14 % of limit value 800

Head Acc 3ms: 27.97 g
between 111.9 and 160.4 ms
34.96 % of limit value 80



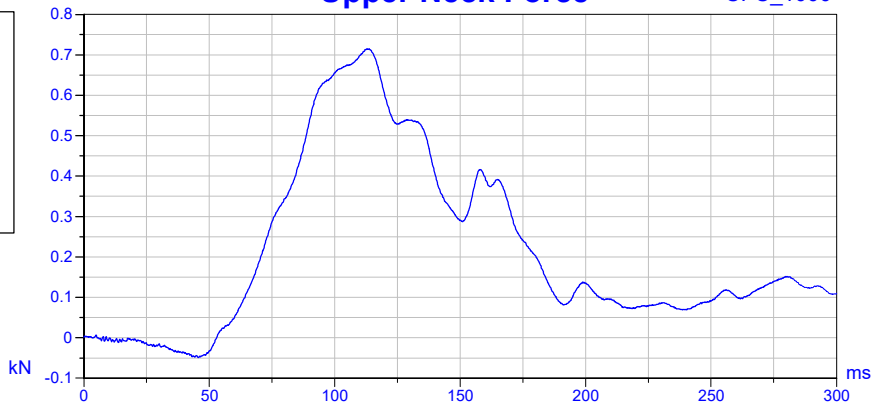
UPPER NECK

Upper Neck Force

CFC_1000

Neck tension force (Fz):
714.85 N at 113.6 ms

Neck bending moment (My):
5.26 Nm at 216.9 ms



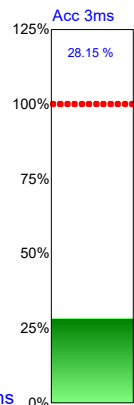
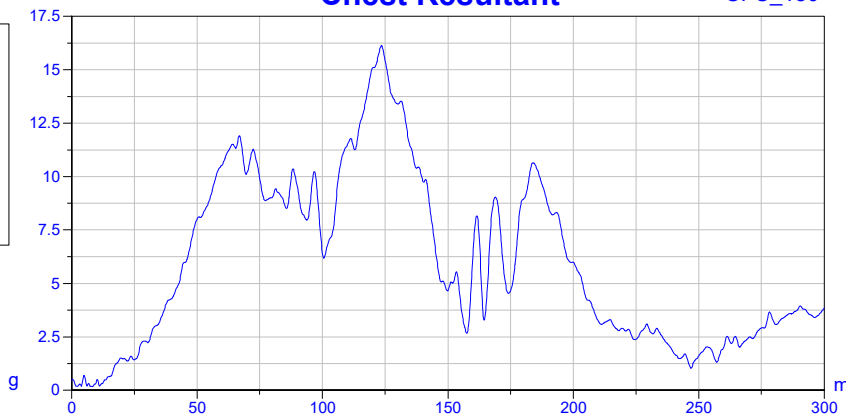
CHEST

Chest Resultant

CFC_180

Chest Resultant Acc:
16.13 g at 123.5 ms

Chest Acc 3ms: 15.48 g
between 121.9 and 124.9 ms
28.15 % of limit value 55



CHEST, ABDOMINAL

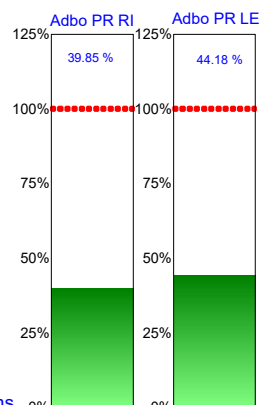
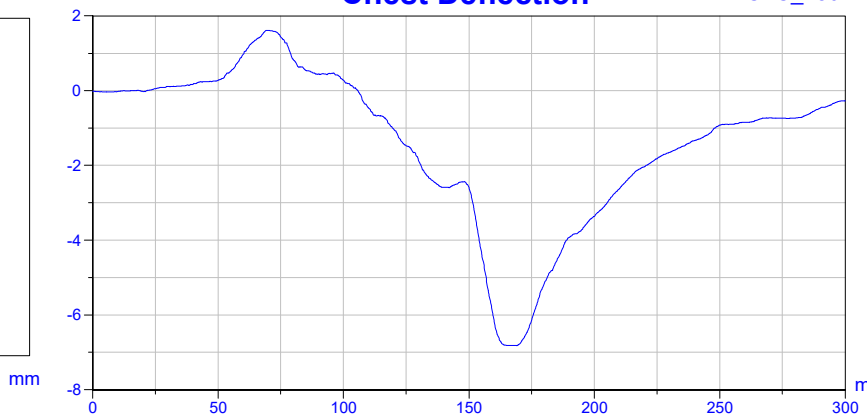
Chest Deflection

CFC_180

Chest Deflection:
-6.82 mm at 169.1 ms

Abdomen Pressure Right:
0.4 bar at 183.7 ms
39.85 % of limit value 1

Abdominal Pressure Left:
0.44 bar at 159.9 ms
44.18 % of limit value 1



Sled Pulse



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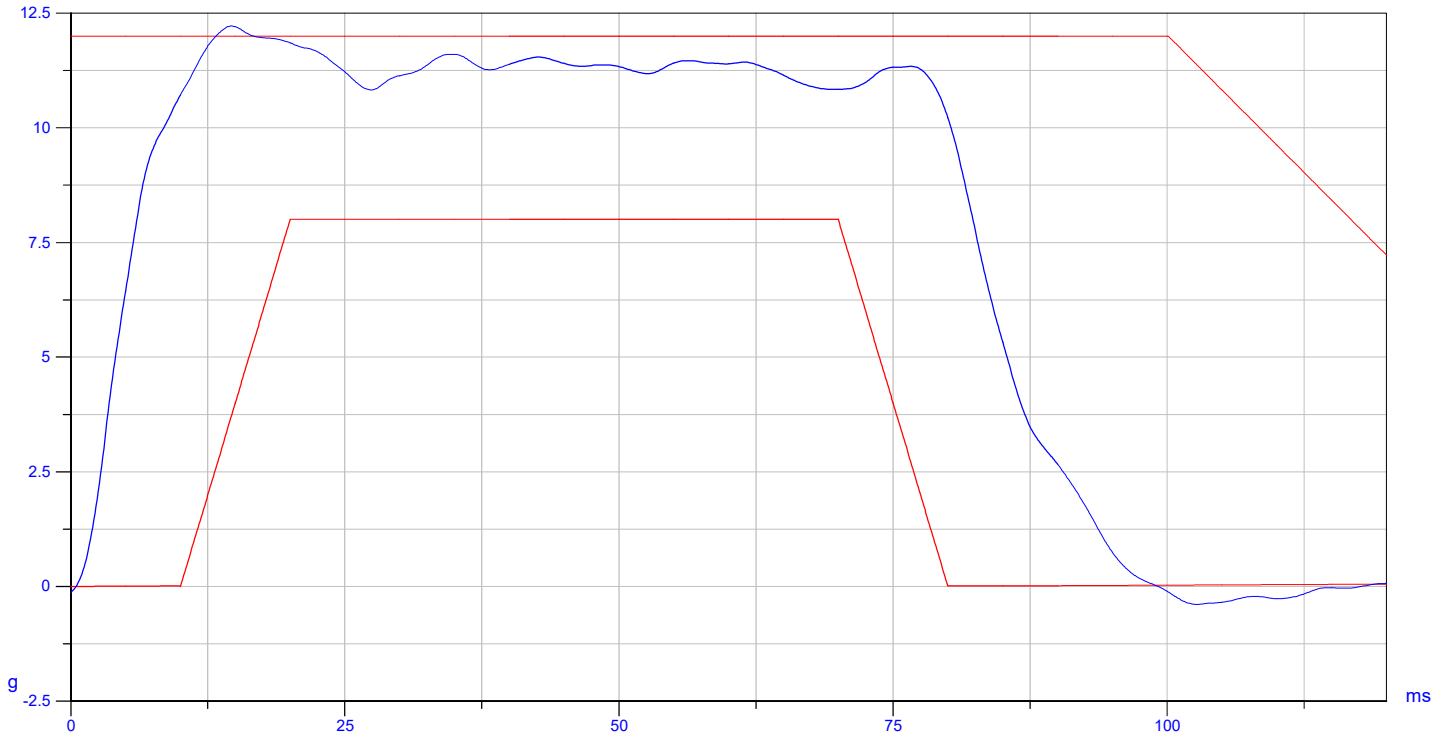
Vehicle Type : Sled

VIN : SLED000000HOMOL01

Speed: 30.30 km/h

SLED Acc. Impact

CFC_60



Sled X Acceleration: 12.22 g at 13.7 ms