

This is a Doc Arc template handling all template macros and events. It shall be stored in the MS Office Word template folder.

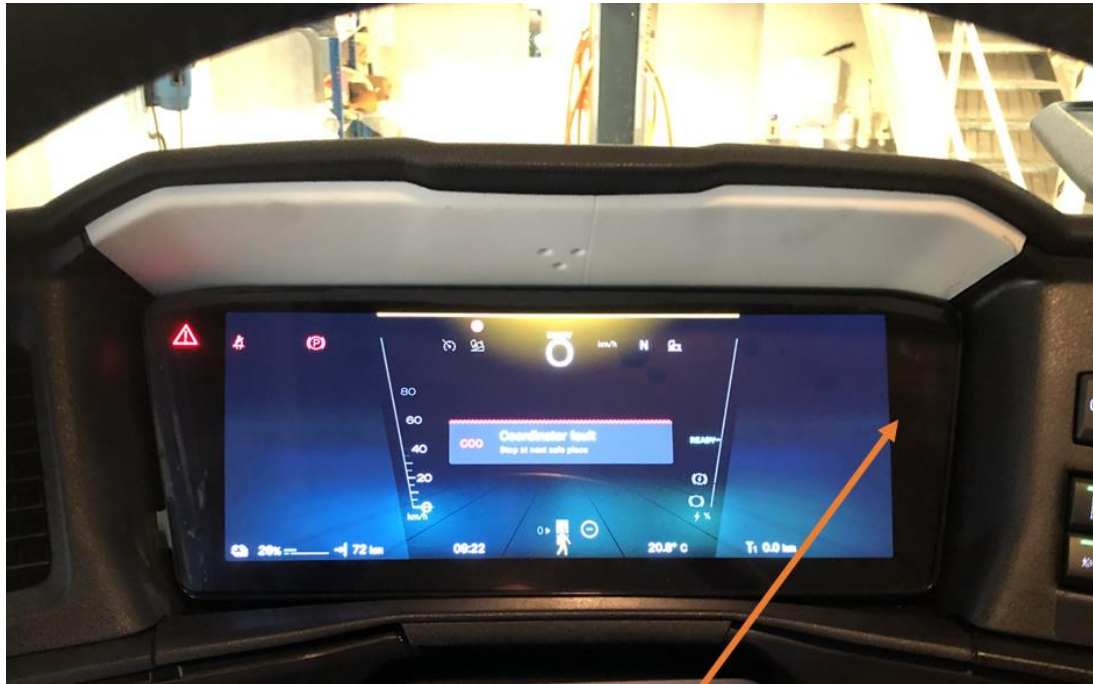
2018-05-18 Scania IT

Revision 3

The toolbar has been removed. The Word toolbar for DocArc is handled in the DocArcToolbar.dot template stored in the STARTUP folder.

Bluetooth/Wifi antenna description Scania Trucks and Buses

Scania CV AB EEPCU Carl-Anton Hedelius 2024-01-05



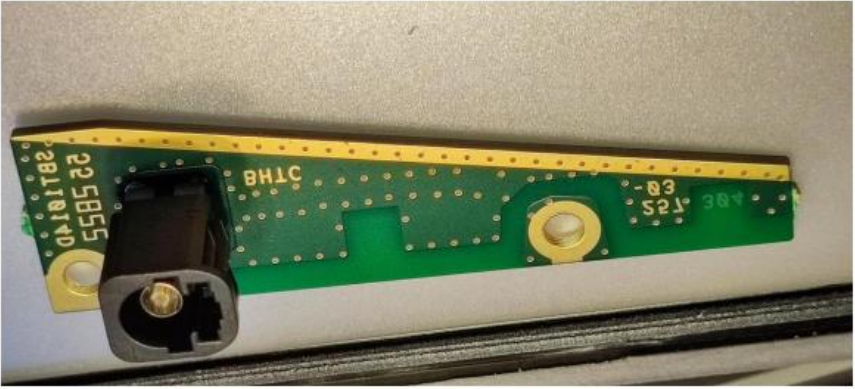
Location of PCB antenna
Integrated in the driver display behind the steering wheel



Driver display disassembled backside visible , antenna placed in cavity to the left

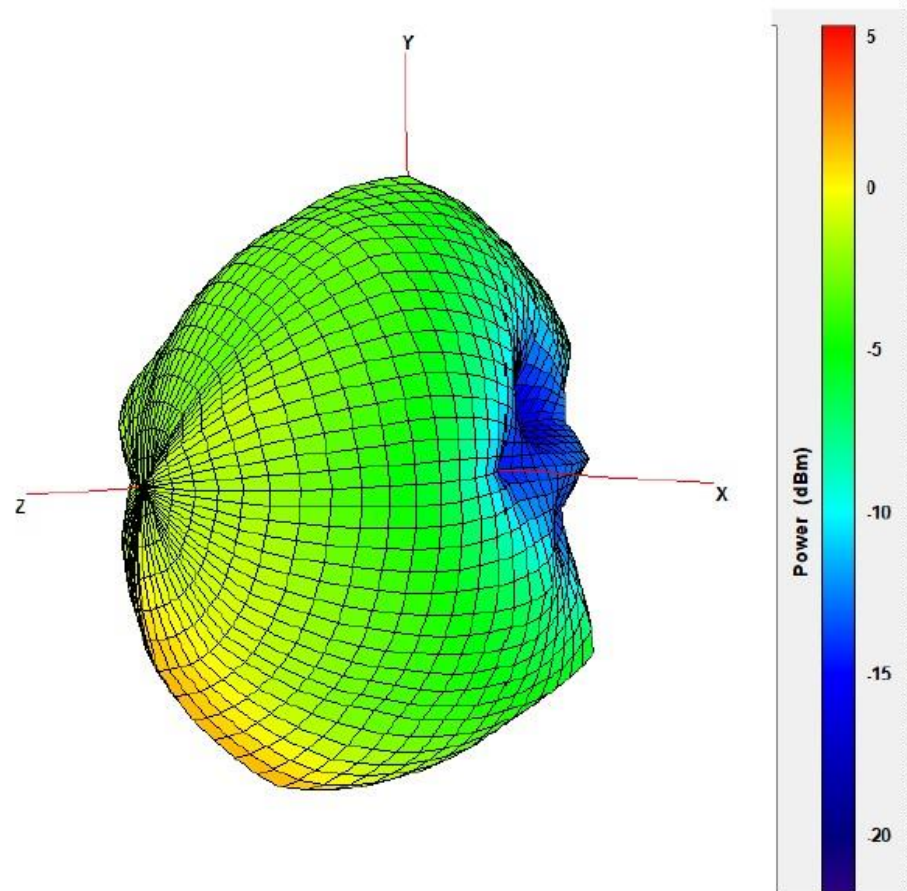


PCB antenna, Right picture antenna in the cavity, direction towards cab



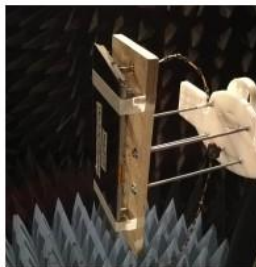
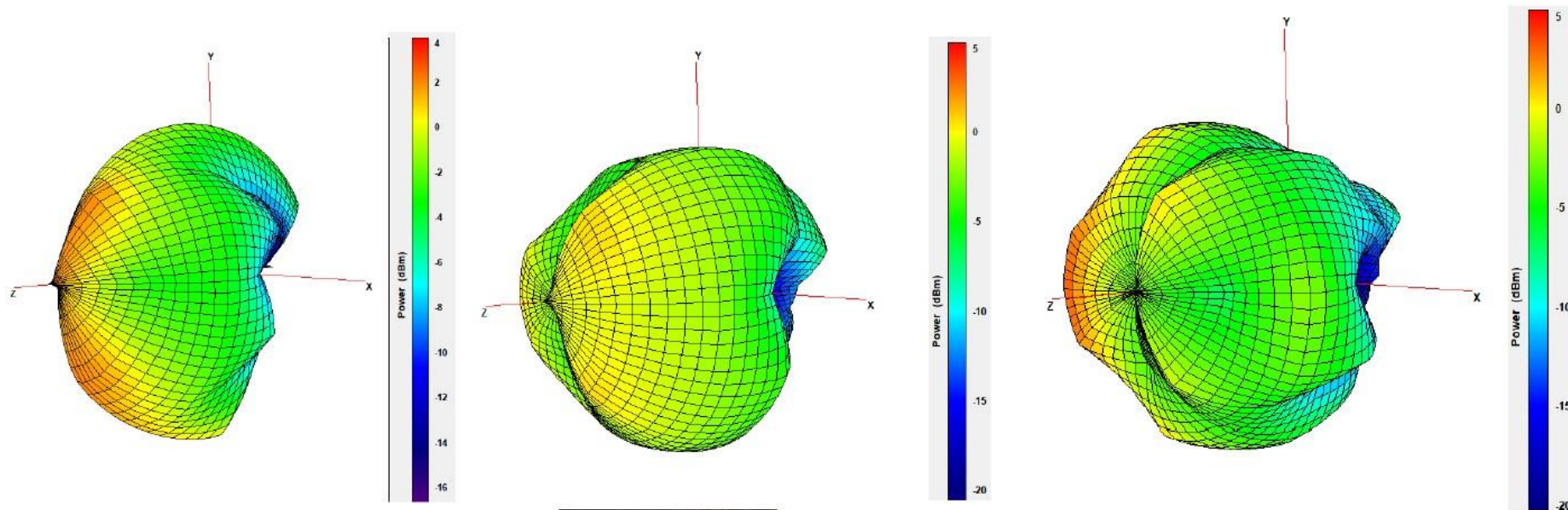
Left is the backside with connector, facing the metal housing

3D pattern - 2.44GHz



The antenna is designed with min. 60% efficiency and hemispherical orientation , gain measurements for 2,44 GHz is shown in the figure

3D pattern - 5.2GHz - 5.5GHz - 5.8GHz



Same antenna measurement of the 5GHz pattern

Antenna Gain [dBi]

2,4 GHz - 0 dBi max

5 GHz - 0 dBi max