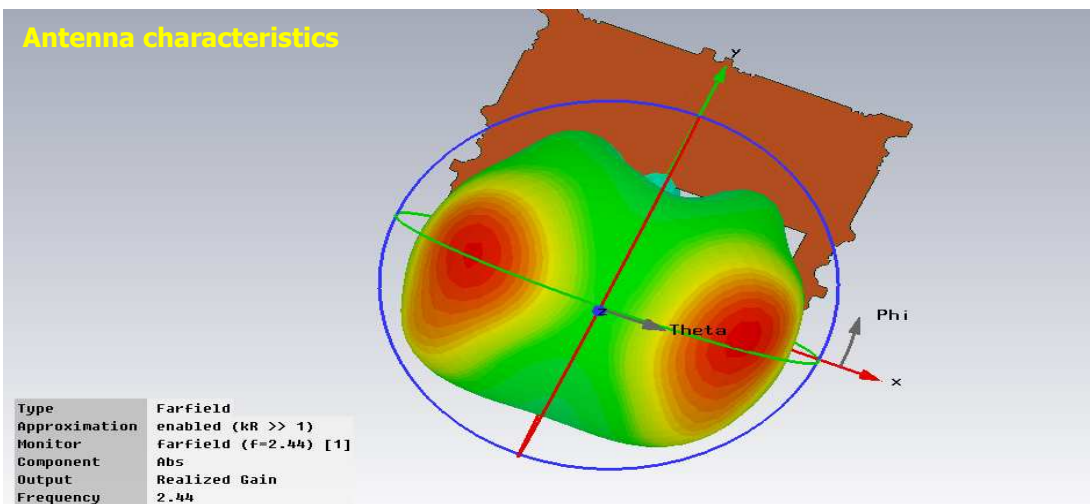
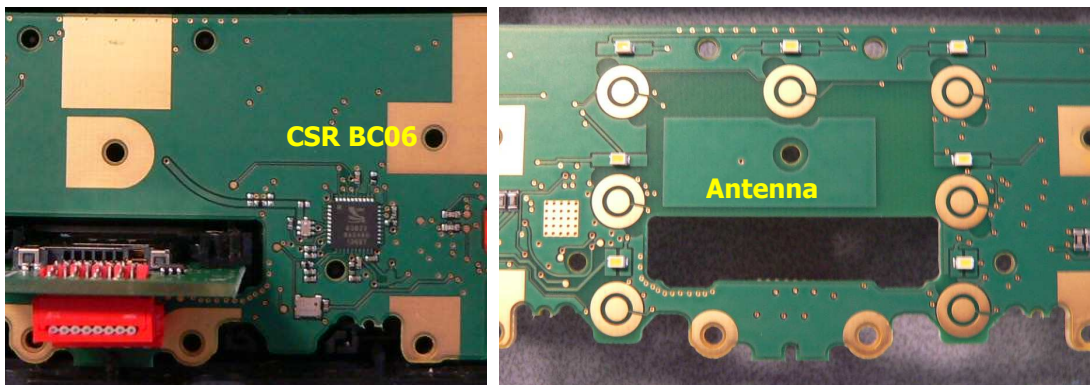


Product / Antenna Information

The Porsche PCM3.1 MOPF Headunit uses a Bluetooth CSR BC06 chipset with an internal PCB-Antenna that was developed by:

Harman Becker Automotive Systems GmbH.
Becker-Görling-Str 16
76307 Karlsbad, Germany

The Bluetooth PCB-Antenna is located below the plastic faceplate on the front PCB – just above the SIM-Card-Slot (compare picture below). For further details regarding the Bluetooth transceiver chip please have a look at: <http://www.csr.com/>



Bluetooth Parameter:

Standard: IEEE 802.15 class: 2
Frequenz: 2,402-2,480 GHz
Modulation: GFSK, p/4-DQPSK, 8DPSK

Power: < 4dBm

Bluetooth Antenna:

Antenna Name: -
Type: internal pcb antenna
Impedance: 50 Ohm
Temp. Range: -
Frequency: 2.4 to 2.5 GHz
Gain*: 2,14 dBi

* Antenna characteristic related to assembled Porsche PCM3.1 MainUnit