

Robert Bosch Car Multimedia GmbH
Postfach
31132 Hildesheim
Visitors:
Robert-Bosch-Straße 200
31139 Hildesheim
Tel 05121 49-0
www.bosch.com

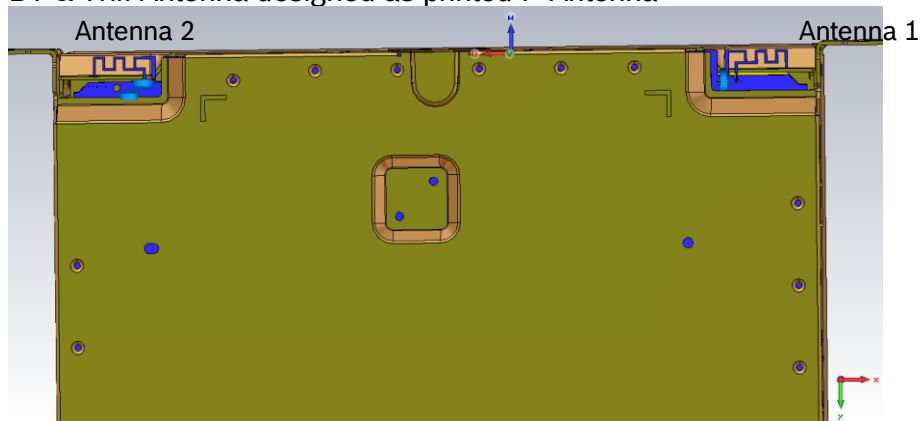
Dirk Zamow, CM/QMM2
Telephone +49(5121)49-2608
Dirk.Zamow@de.bosch.com

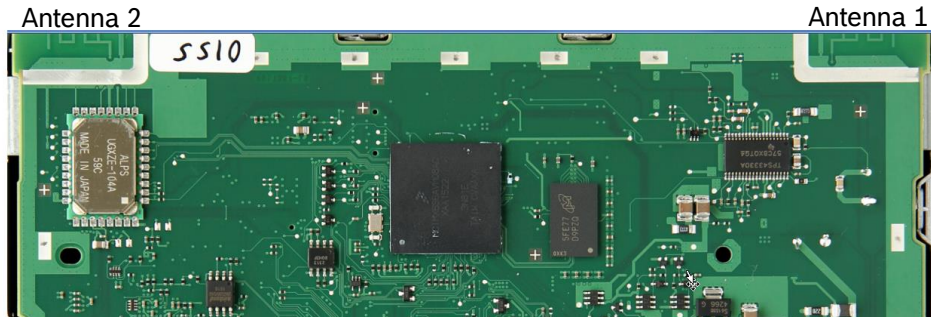
24 August 2016

PSA RCC A1 & A2 Antenna Information

BT & Wifi Antenna

BT & Wifi Antenna designed as printed F-Antenna





Antenna 1

	Value	Comment
Antenna gain	4-5 dBi	Directivity and efficiency
Bandwidth	800 MHz	Whole -3dB antenna bandwidth
center frequency	2.5 GHz	BT Bandwidth 80MHz
VSWR of BT-BW	< 1.9	
S11 reflection coeff.	< -11 dB	power loss 1dB

Antenna 2

	Value	Comment
Antenna gain	> 4-5 dBi	Directivity and efficiency
Bandwidth	> 850 MHz	Whole -3dB antenna bandwidth
center frequency	2.6 GHz	BT Bandwidth 80MHz
VSWR of BT-BW	< 2	
S11 reflection coeff.	< -10 dB	power loss 1dB