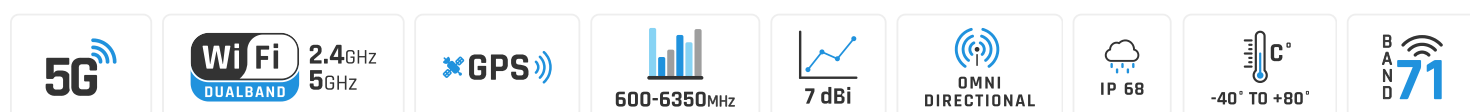


QuSpot for Teltonika RUTX50

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + GPS ACTIVE ANTENNA + PLACE TO INSTALL TELTONIKA RUTX50/RUTM51/RUTM54/RUTM55/RUTM16 (ALL-IN-ONE)

QuSpot for RUTX50 is an outdoor antenna designed to provide reliable wireless connectivity in a variety of environments. This product is an all in one solution that integrates a high gain omnidirectional 5G and Wi-Fi antennas with RUTX50, RUTM51, RUTM54, RUTM55 or RUTM16 into a single IP68 (IP67) enclosure. Such integration allows implementation of new outdoor 5G solutions.

QuSpot for RUTX50/RUTM51/RUTM54/RUTM55/RUTM16 is an ideal solution for outdoor wireless connectivity in moving applications such as transportation, yachting, boats and camping but also city centres with high signal density.



OUTDOOR ANTENNA WORKS IN **ANY**
WEATHER CONDITIONS, IP68



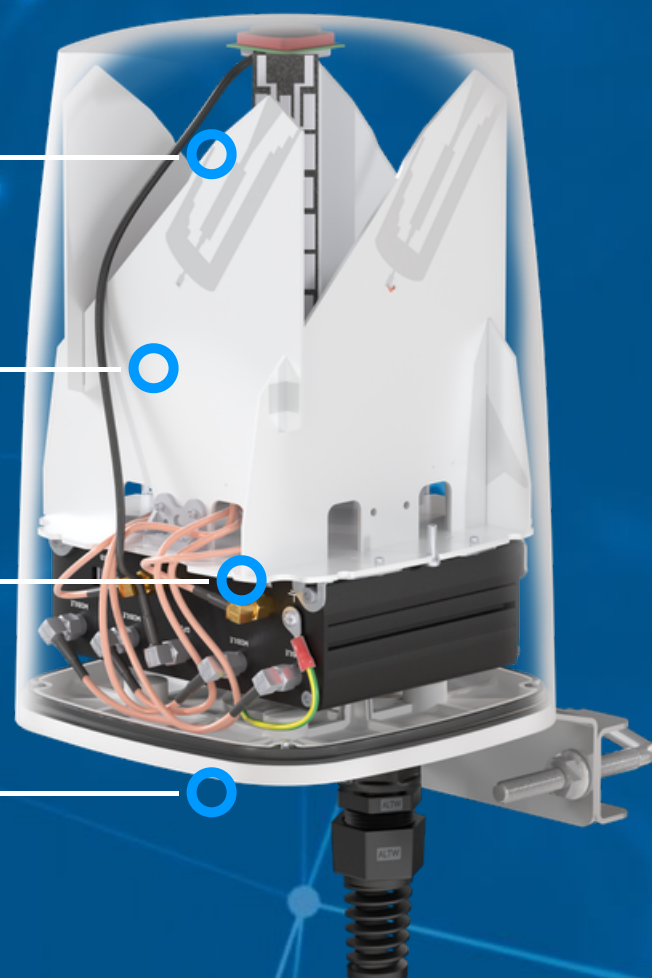
ANTENNA **PERFECTLY MATCHED** WITH
THE ROUTER



PASSIVE **POE SUPPORT**



MADE IN **EUROPE**



5G ANTENNA SPECIFICATION

FREQUENCY	0.6 - 1.4 GHz 1.5 - 3.0 GHz 3.0 - 5.0 GHz 5.0 - 6.35 GHz
MAX. GAIN	0.6 - 1.4 GHz : 2.6 dBi 1.5 - 3.0 GHz : 4.2 dBi 3.0 - 5.0 GHz : 4.4 dBi 5.0 - 6.35 GHz : 2.1 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n54, n65, n66, n67, n68, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n99, n100, n101, n105, n106, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	4x SMA
CABLE TYPE	RG316

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 4.7 - 6 GHz
MAX. GAIN	2.4 - 2.5 GHz : 6 dBi 4.7 - 6 GHz : 7.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

GPS ACTIVE ANTENNA SPECIFICATION

FREQUENCY	1.56 - 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)

CONNECTOR

1x SMA

CABLE TYPE

RG174

 MECHANICAL SPECIFICATION**MATERIALS**

ABS, aluminum, PTFE

CONNECTOR TYPE

RJ45

INGRESS PROTECTION

IP68

DIMENSIONS159 x 159 x 242 ± 10 mm
6.26 x 6.26 x 9.52 ± 0.39 inch**NET WEIGHT**1,38 ± 0.2 kg
3.04 ± 0.44 lbs**OPERATING TEMPERATURE**From -40°C to 75°C
From -40°F to 167°F**MAST DIAMETER**25-66 mm
0.98-2.60 inch**INCLUDED BRACKET WIND SURVIVAL**

≤190 km/h

OPTIONAL BRACKET WIND SURVIVAL (2X U-BOLT)

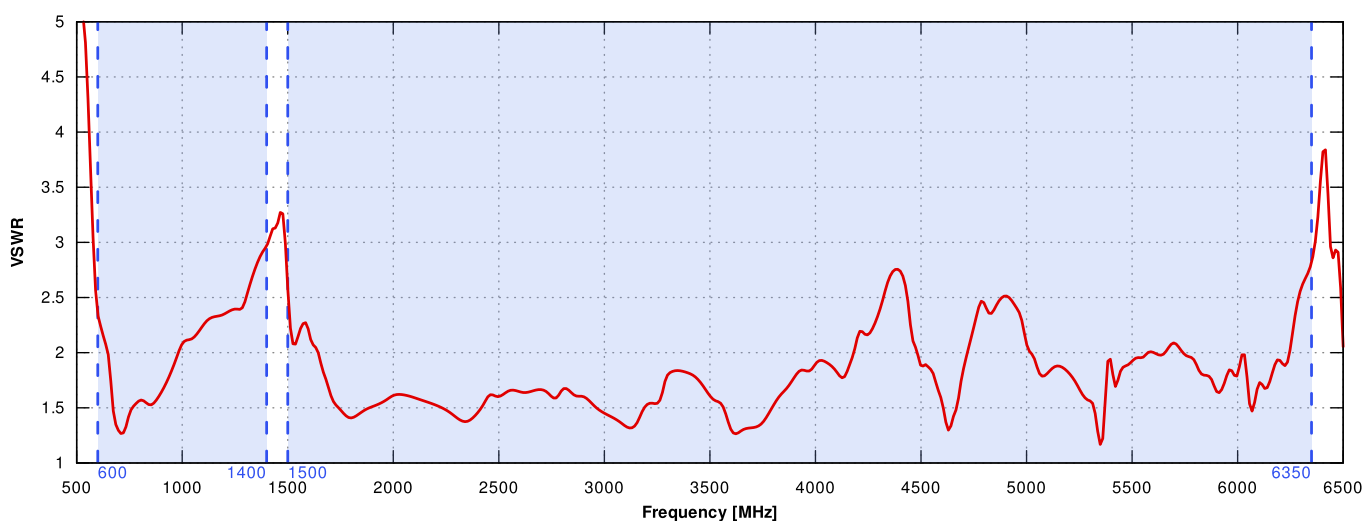
≤220 km/h

**ENCLOSURE RECOMMENDED
TIGHTENING TORQUE**

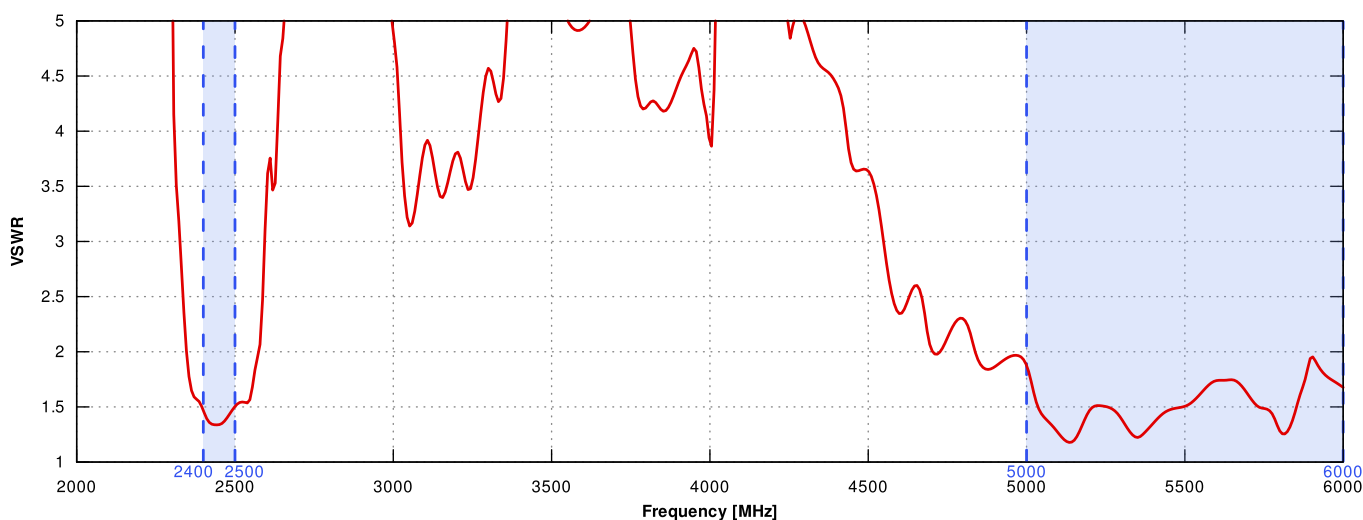
0.5 - 0.7 Nm

PLOTS

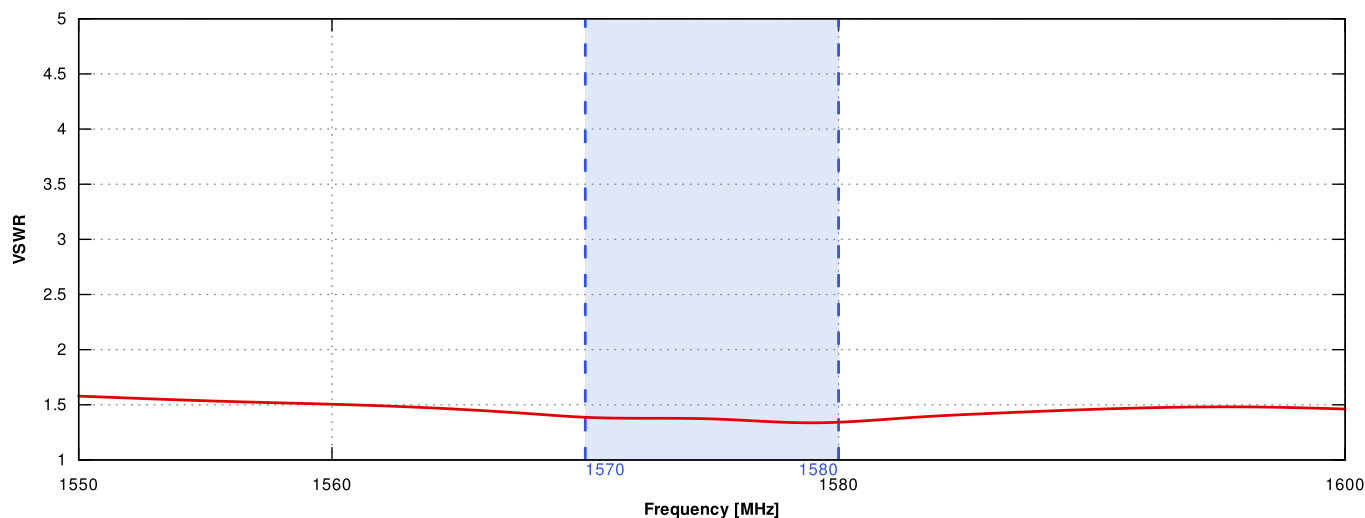
VSWR for 5G/LTE antenna 



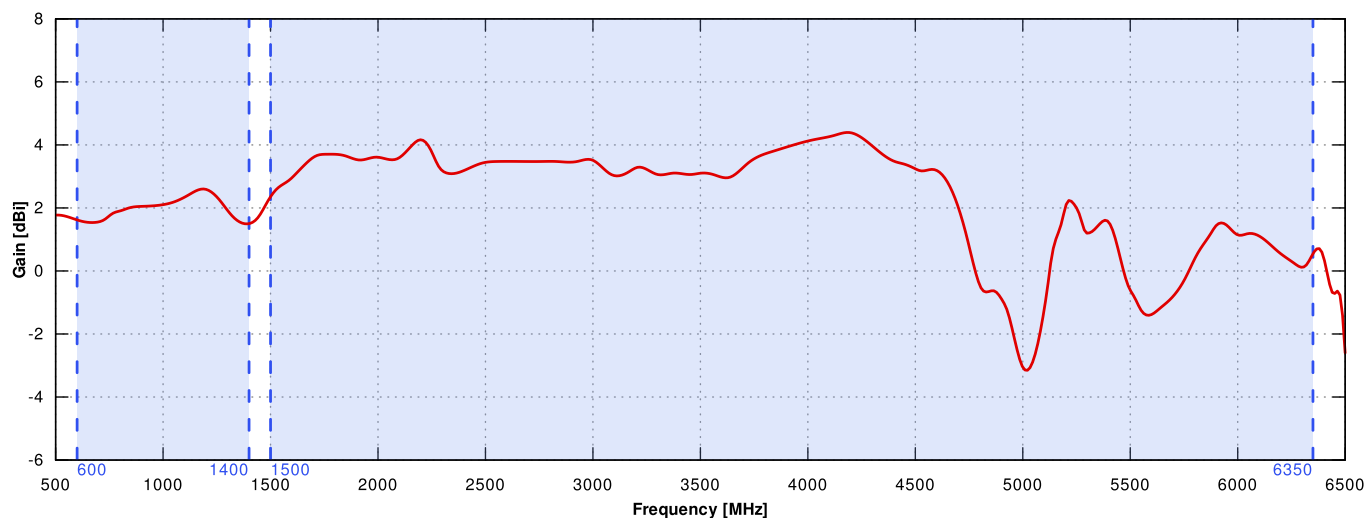
VSWR for Wi-Fi antenna 



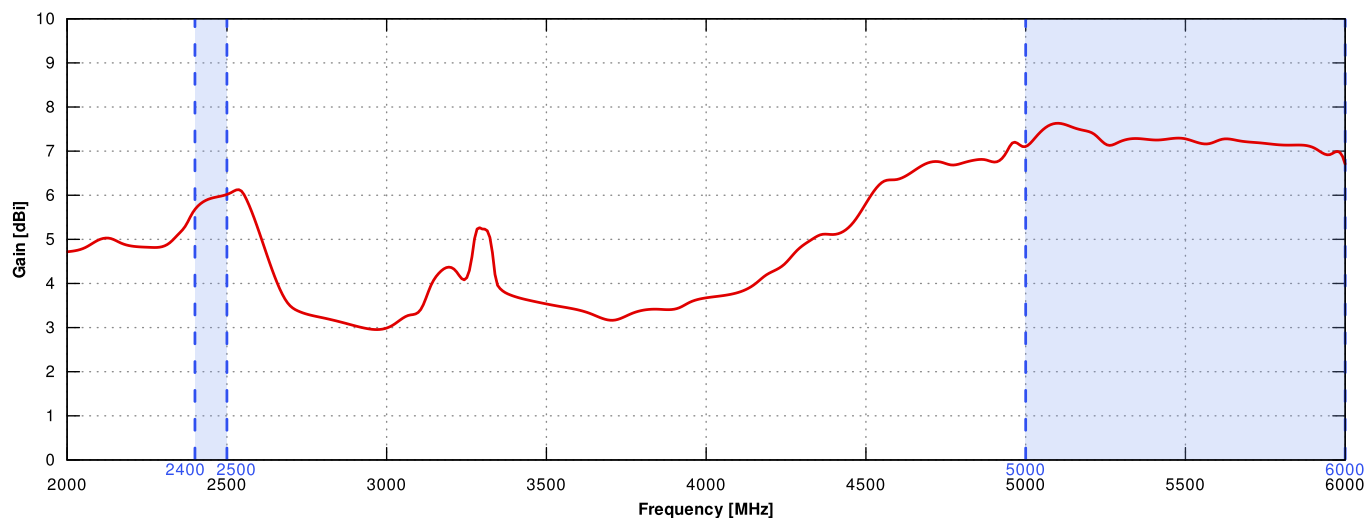
VSWR for GPS



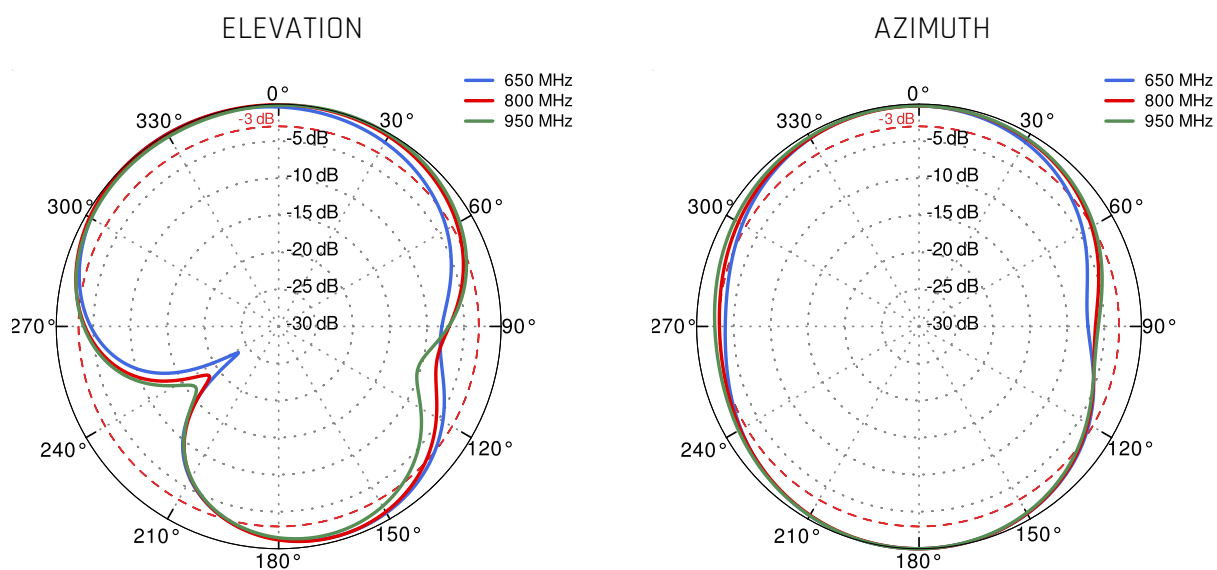
Gain for 5G/LTE antenna



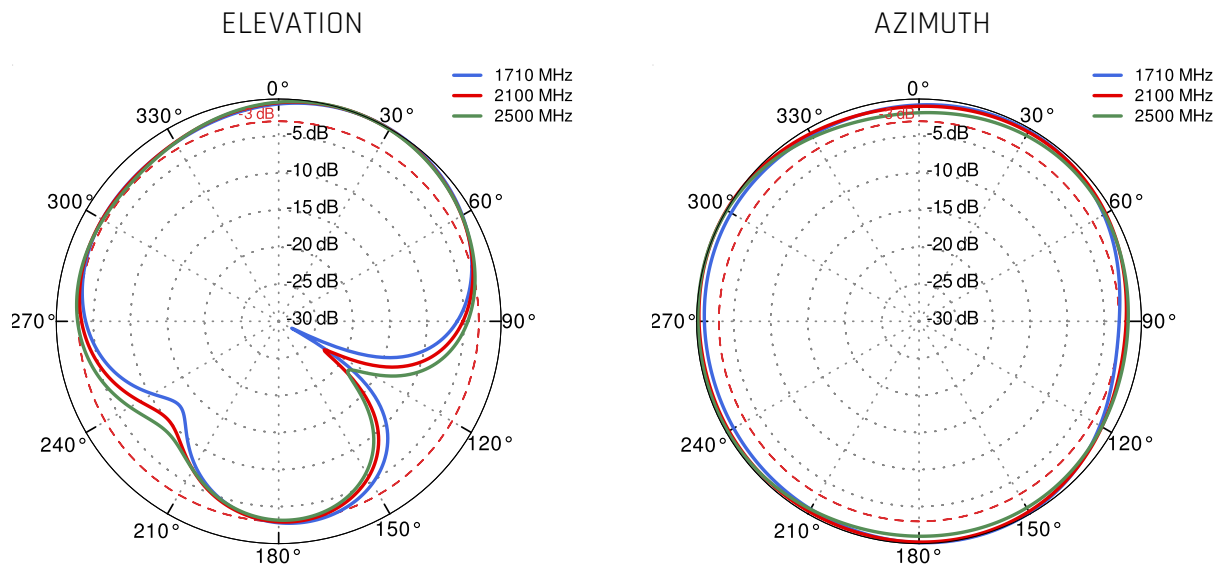
Gain for Wi-Fi antenna



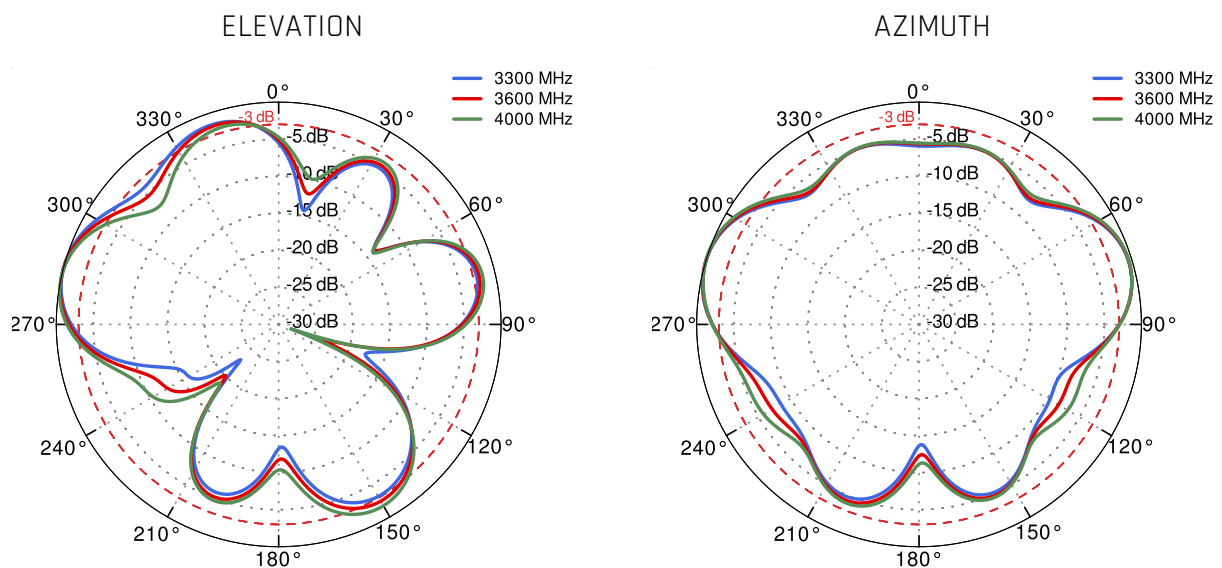
5G/LTE from 650MHz to 950MHz



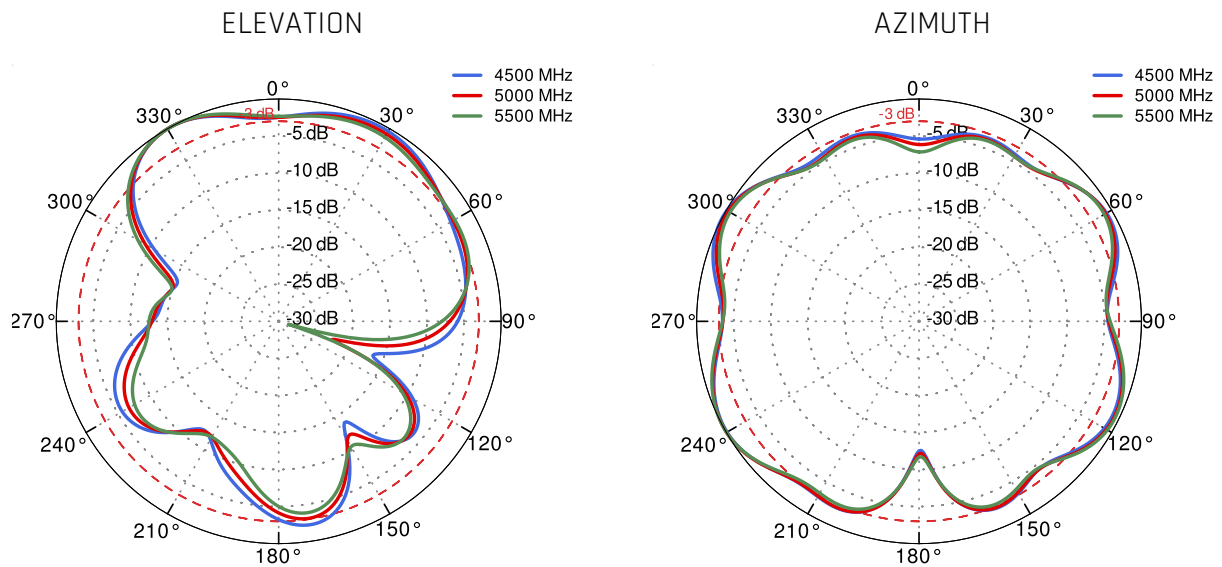
5G/LTE from 1.71GHz to 2.5GHz



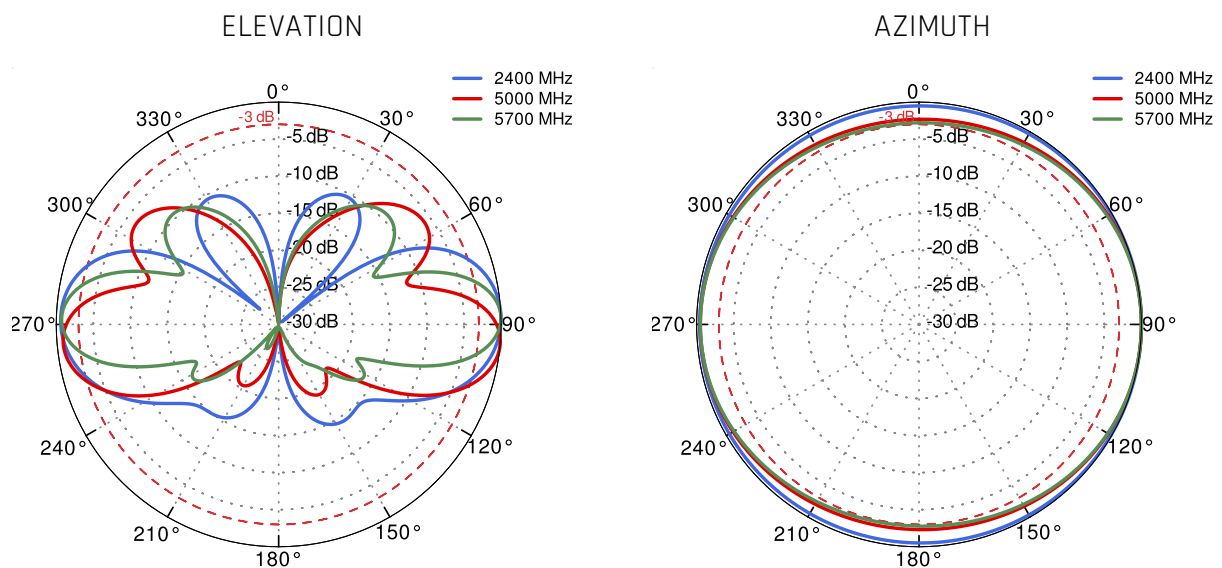
5G/LTE from 3.3GHz to 4.0GHz



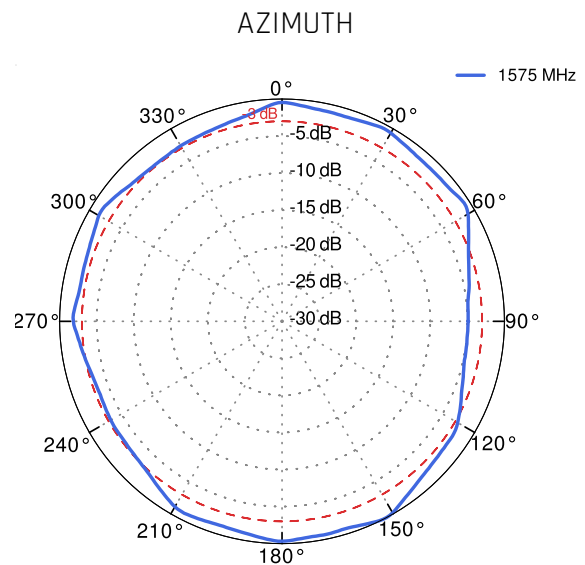
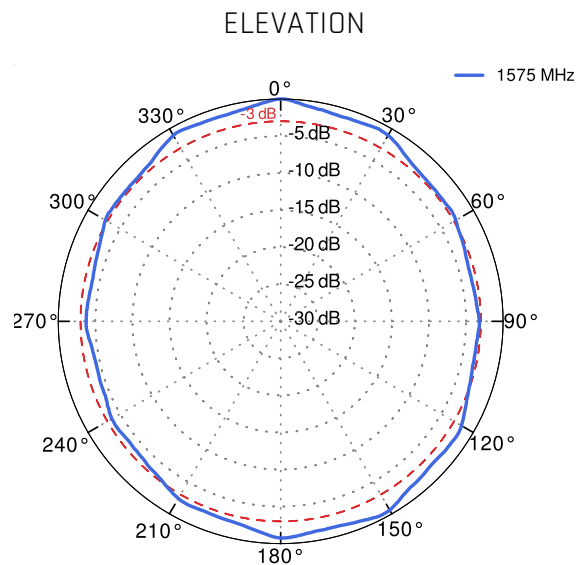
5G/LTE from 4.5GHz to 5.5GHz



Wi-Fi 2.4 GHz and 5 GHz



GPS 1575MHz



DIMENSIONS

