

# QuSpot for Teltonika RUT951 POE+

**Integrated multi-band 5G/LTE omni antennas + WiFi omni antennas + place to install Teltonika RUT951 PoE+ (All-in-one)**

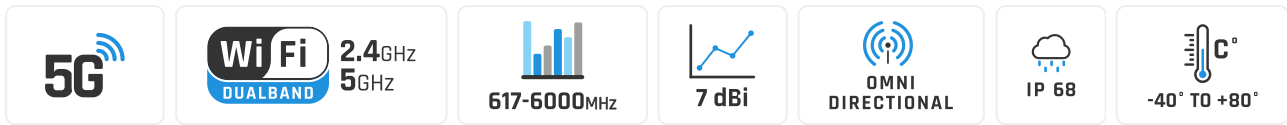
**QuSpot for Teltonika RUT951 PoE+** router features integrated omni-directional 5G/LTE and Wi-Fi antennas, an internal mounting system for the router, and a bracket for pole or wall installation. To fully utilize the router's capabilities, it includes four RJ45 ports:

- 1x PoE IN 802.3af/at
- 3x PoE OUT 802.3af/at; 30W max per port; 90W total

It also comes equipped with a DC connector, supporting power input from a 9–57V DC source.

This all-in-one, versatile solution is ideal for a wide range of security applications. In addition to powering CCTV cameras, it can support various other PoE-enabled devices such as sensors, sirens, panic buttons, and more.

**QuSpot simplifies advanced security deployments with a compact, integrated design.**



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



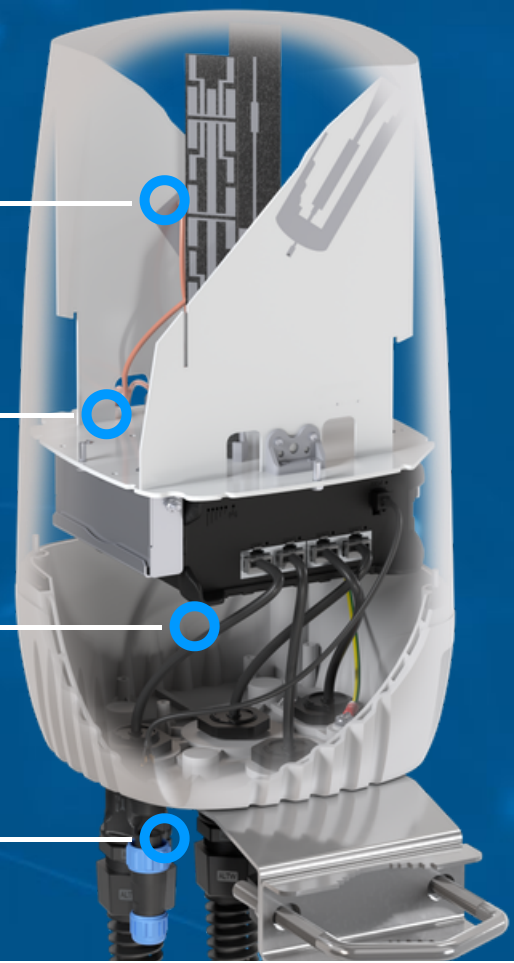
ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



ALL **POE PORTS** SUPPORT



MADE IN **EUROPE**



## 5G/LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
<b>GAIN</b>	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2 dBi
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 1067, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, n77, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101
<b>VSWR</b>	<2.00, max <2.50
<b>BEAMWIDTH</b>	360°/25° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## WI-FI ANTENNA SPECIFICATION

<b>FREQUENCY</b>	2.4 - 2.5 GHz 5.0 - 7.2 GHz
<b>GAIN</b>	2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
<b>VSWR</b>	< 1.50, max < 2.00
<b>BEAMWIDTH</b>	360°/25°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 $\Omega$

## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	RJ45
<b>POE IN</b>	PoE In port 1 (LAN1): 802.3af/at compliant PD port
<b>POE OUT</b>	PoE Out ports 2-4 (LAN2, LAN3, WAN): 802.3af/at; 30W max per port; 90W total
<b>INGRESS PROTECTION</b>	IP68
<b>DIMENSIONS</b>	160 x 160 x 310 mm 6.3 x 6.3 x 12.20 inch
<b>WEIGHT</b>	1.8 kg 3.97 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 80°C From -40°F to 176°F

**ENCLOSURE RECOMMENDED  
TIGHTENING TORQUE**

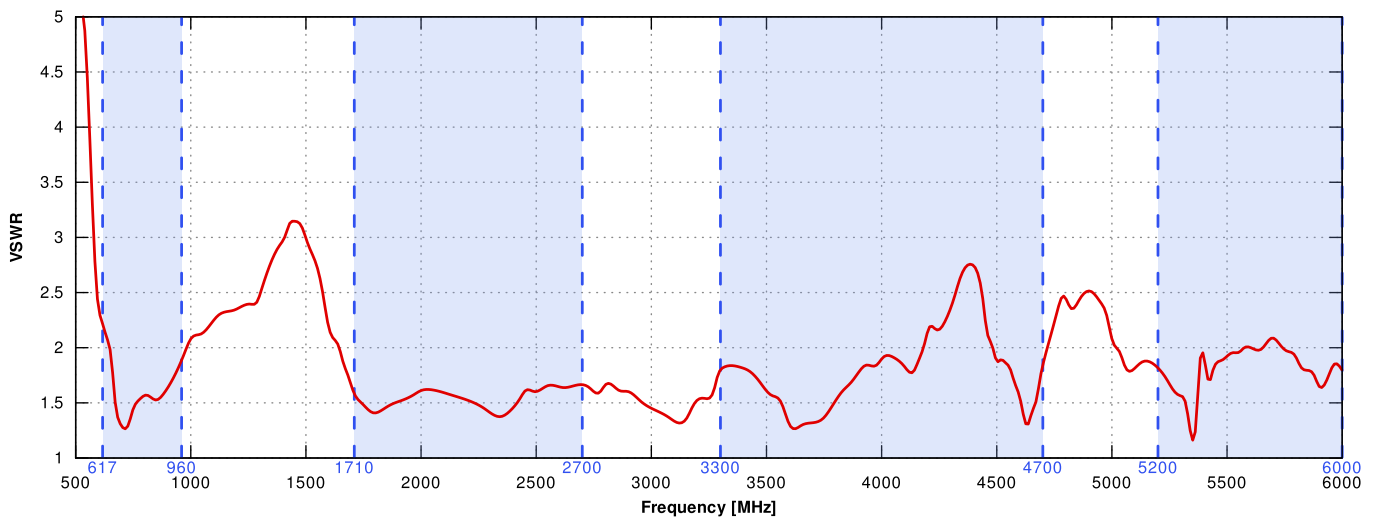
0.5 - 0.7 Nm

**MAST DIAMETER**

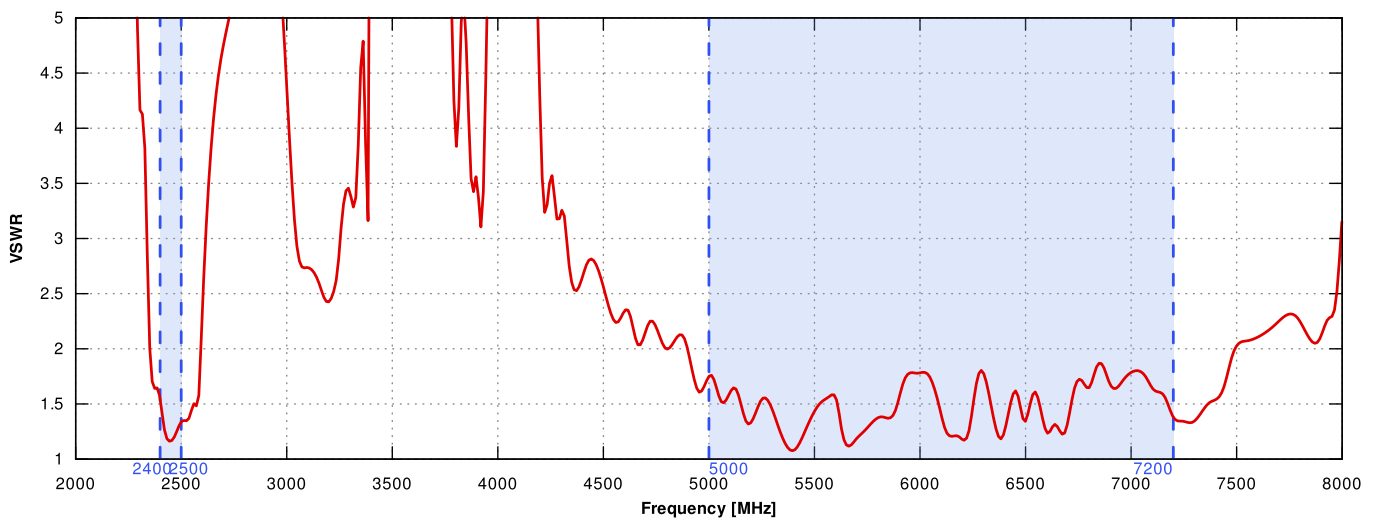
25-66 mm  
0.98-2.60 inch

**PLOTS**

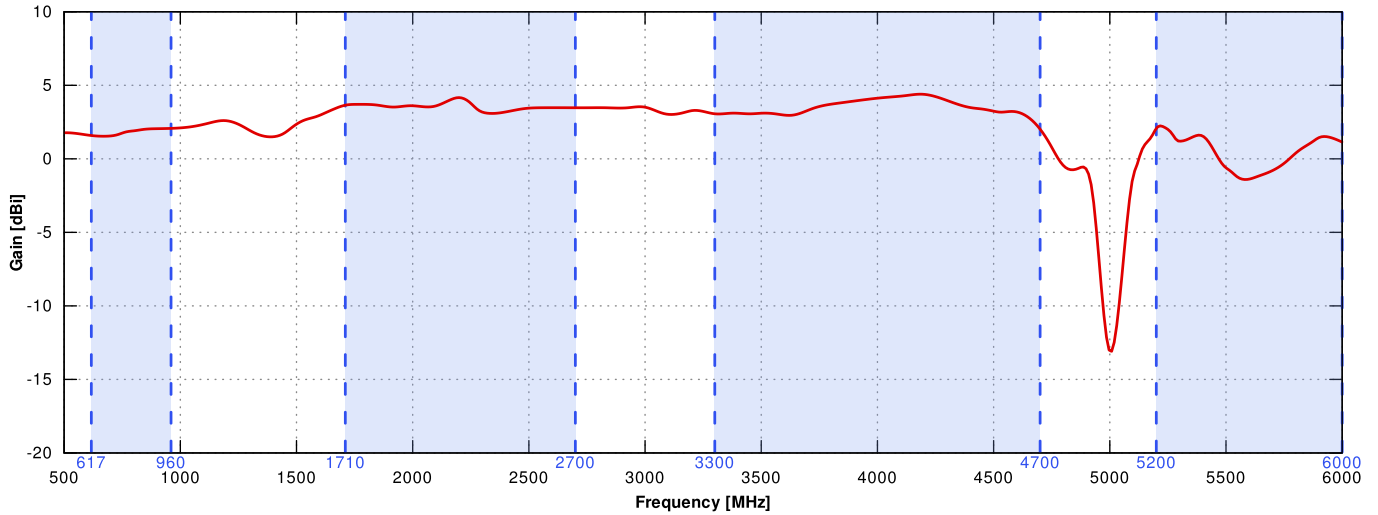
VSWR for 5G/LTE antenna



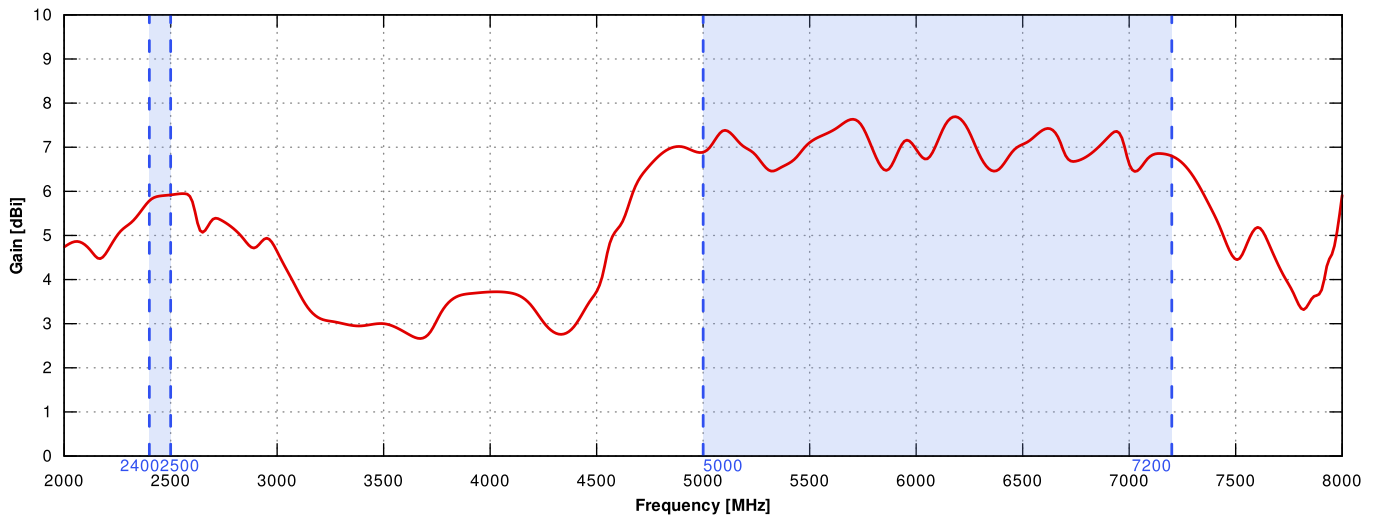
VSWR for Wi-Fi antenna



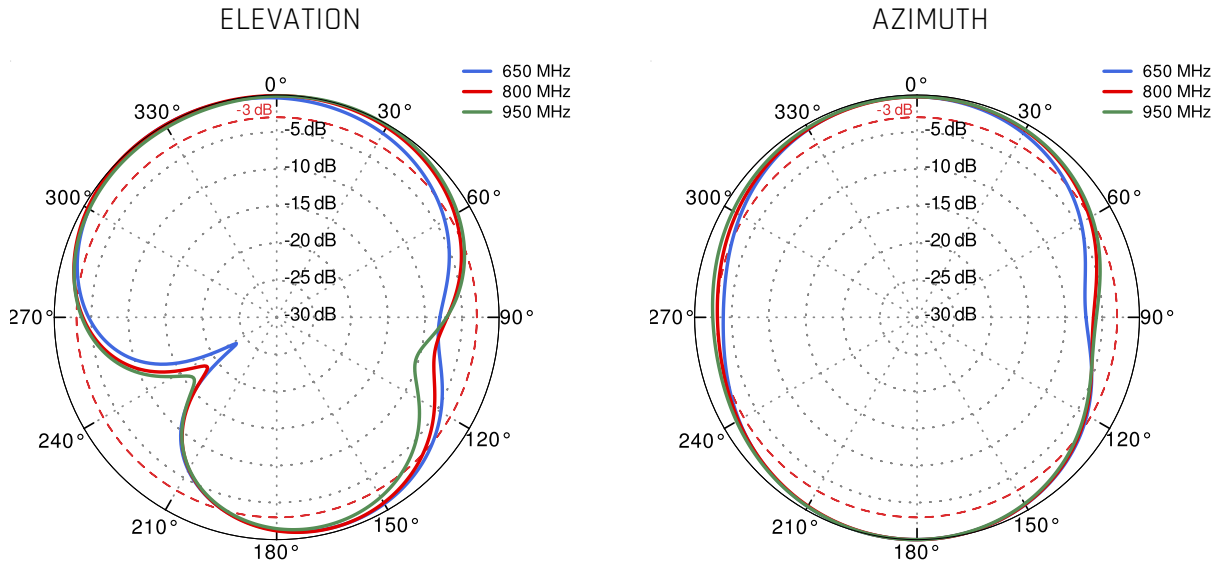
### Gain for 5G/LTE antenna



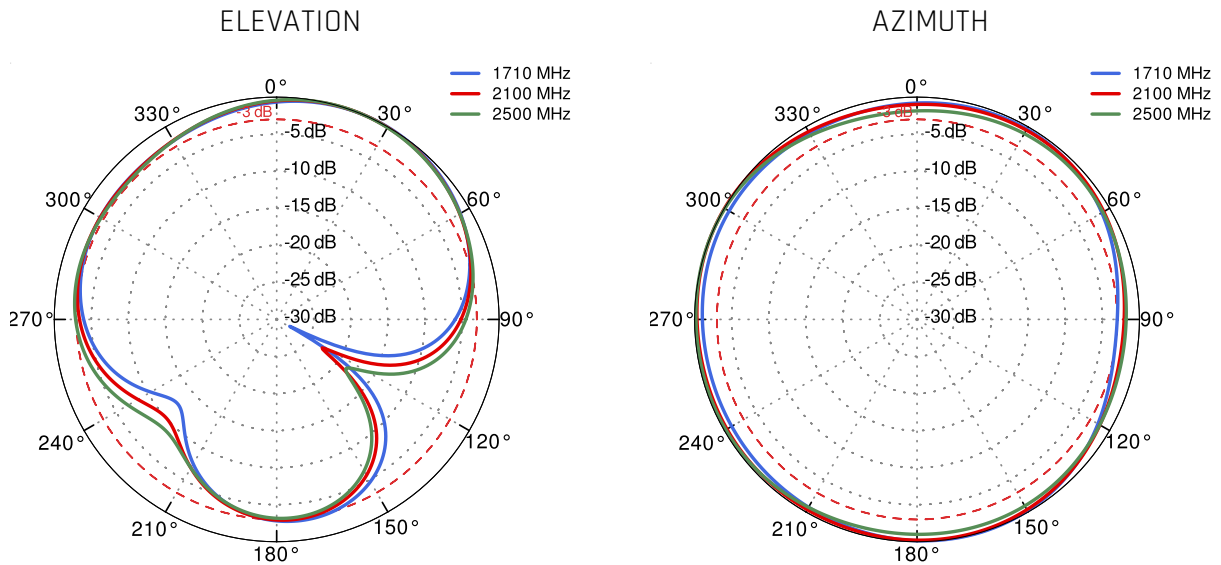
### Gain for Wi-Fi antenna



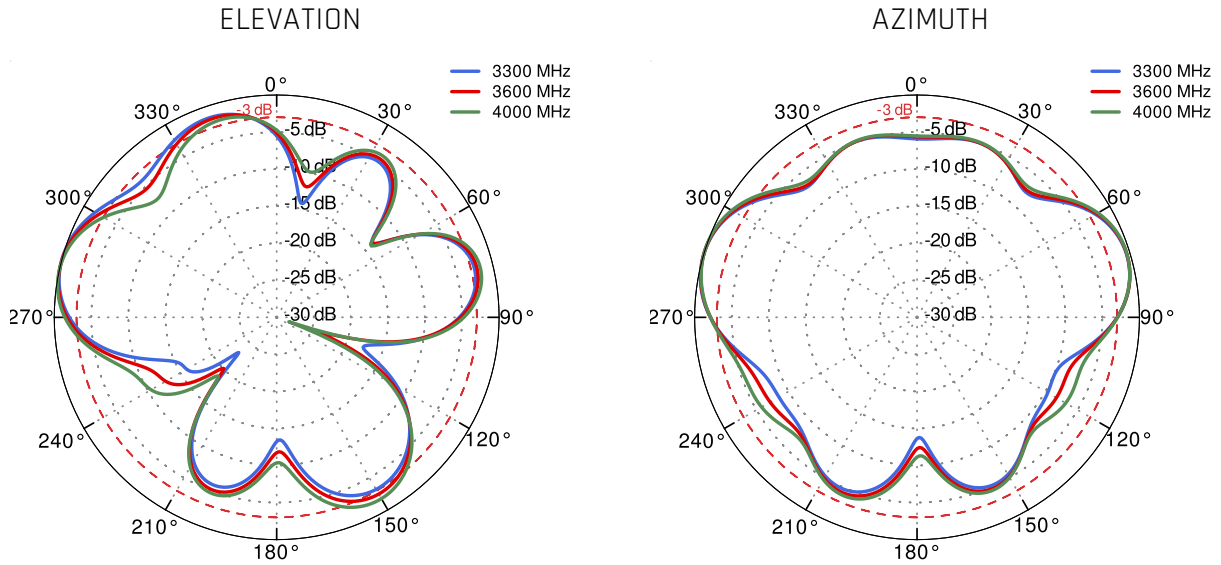
5G/LTE from 650MHz to 950MHz



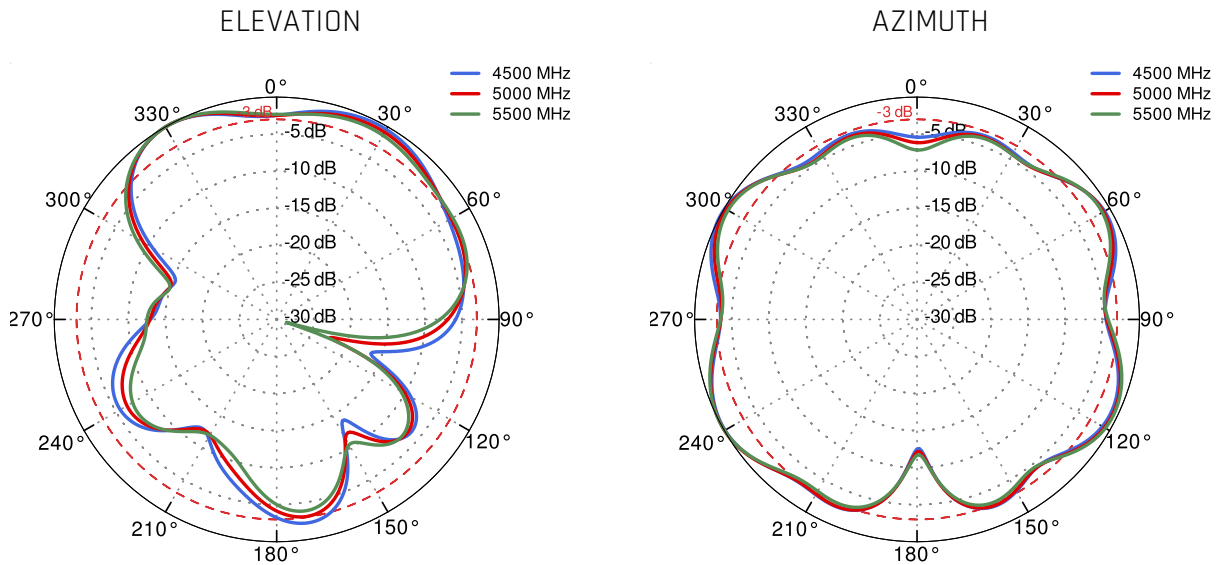
5G/LTE from 1.71GHz to 2.5GHz



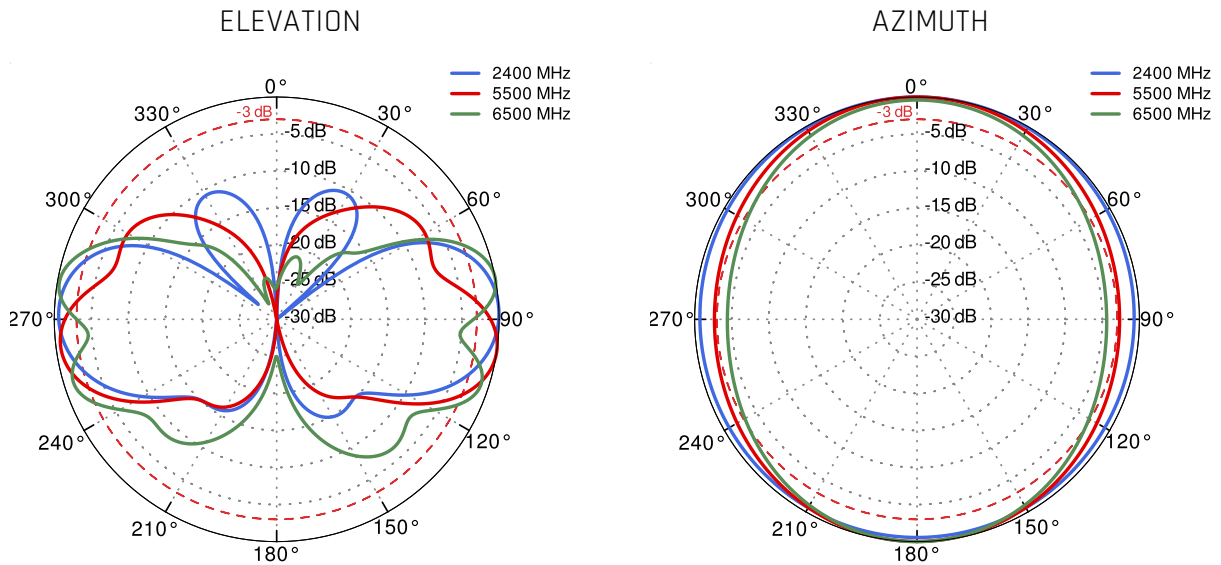
5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



### Wi-Fi 2.4GHz and 6.5GHz



### **PORTS**

