

# QuMax Omni for Ericsson (Cradlepoint) S700

**INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + GPS ANTENNA + POE SPLITTER + PLACE TO INSTALL Ericsson (Cradlepoint) S700 (ALL-IN-ONE)**

QuMax Omni all-in-one antenna for Ericsson (Cradlepoint) S700 router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 5G, Wi-Fi and GPS antenna. If you use S700 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a [Passive PoE splitter](#), allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.

**5G****Wi Fi 6E****GPS****617-6000MHz****6 dBi****OMNI DIRECTIONAL****IP 67****-40° TO +80°**

OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



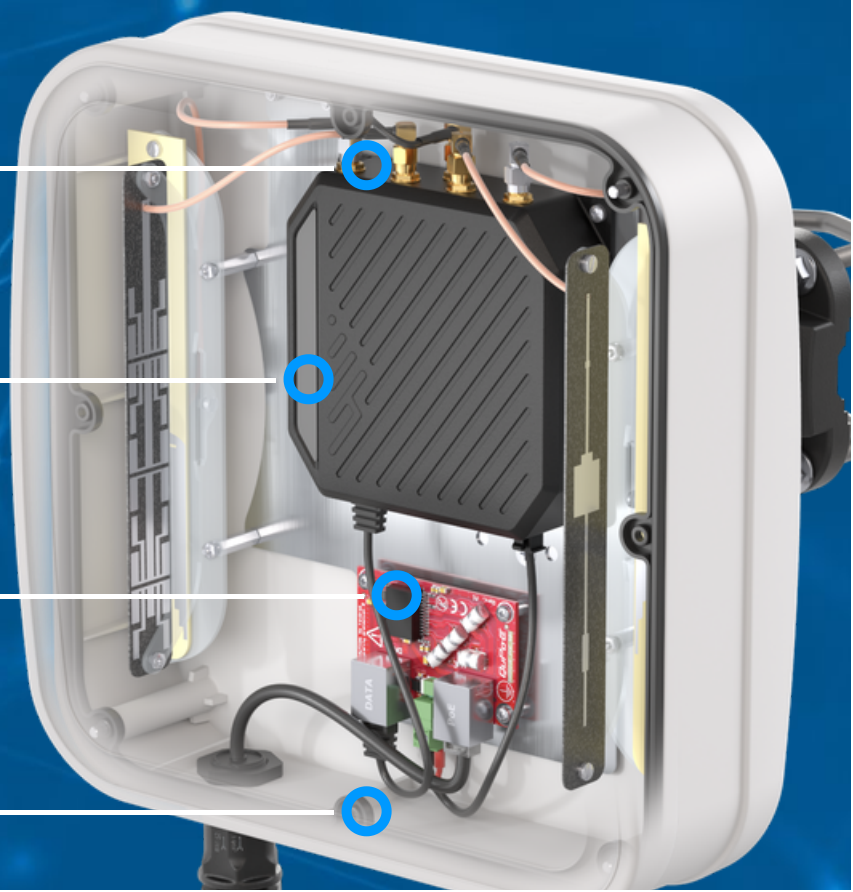
ANTENNA PERFECTLY MATCHED WITH THE ERICSSON (CRADLEPOINT) S700



ALL ANTENNAS AND ERICSSON (CRADLEPOINT) ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



## 5G/LTE SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
<b>SUPPORTED LTE BANDS</b>	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, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
<b>SUPPORTED 5G BANDS</b>	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
<b>GAIN</b>	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
<b>VSWR</b>	<1.80, max <2.00
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω
<b>CONNECTOR</b>	2x SMA

## WI-FI 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° +/- 5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 $\Omega$
<b>CONNECTOR</b>	2x SMA

## GPS SPECIFICATION

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

**CONNECTOR**

1x SMA

 **MECHANICAL SPECIFICATION****MATERIAL**

BS, aluminum, PTFE, Fiberglass

**INGRESS PROTECTION**

IP67

**CONNECTOR TYPE**

RJ45

**DIMENSIONS**270.0 x 270.0 x 96.0 mm  
10.60 x 10.60 x 3.78 inch**WEIGHT**1.8 kg  
3.97 lbs**OPERATING TEMPERATURE**From -40°C to 75°C  
From -40°F to 167°F**ENCLOSURE RECOMMENDED  
TIGHTENING TORQUE**

0.5 - 0.8 Nm

 **MOUNTING KIT****DIMENSIONS**9.9 x 10.5 x 14.8 cm  
3.9 x 4.13 x 5.83 inch**REGULATION RANGE**

+/- 30°

**MAST DIAMETER RANGE**25 - 66mm  
0.98-2.60 inch**MATERIAL**

Polyamide with fiberglass + galvanized steel U-Bolts

**WEIGHT**

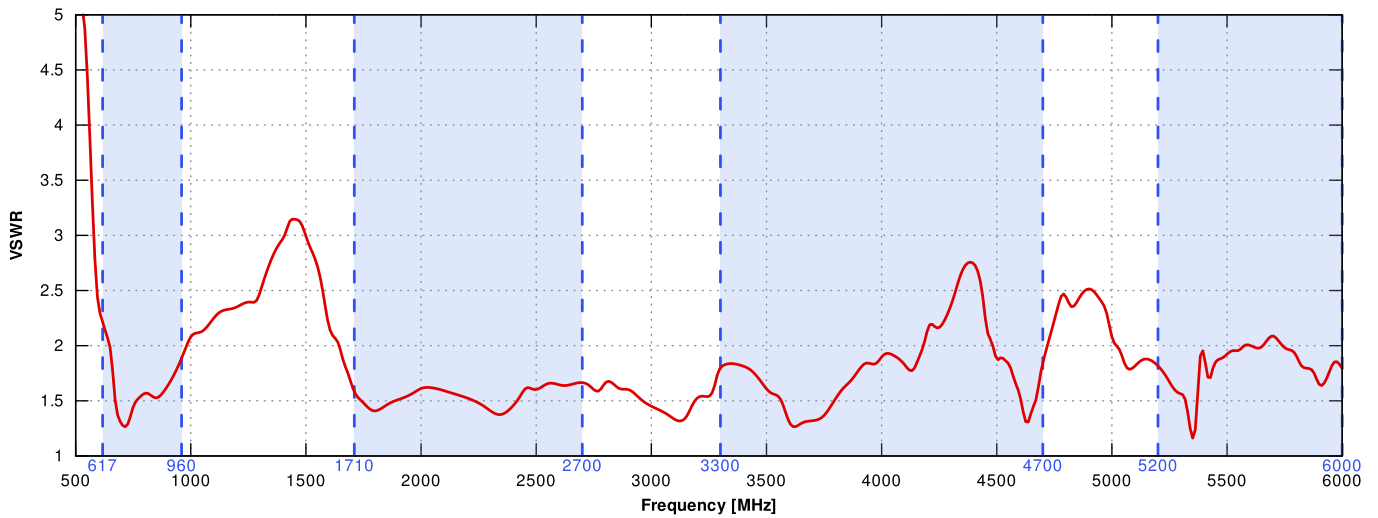
0.87kg

**MOUNTING PLACE**

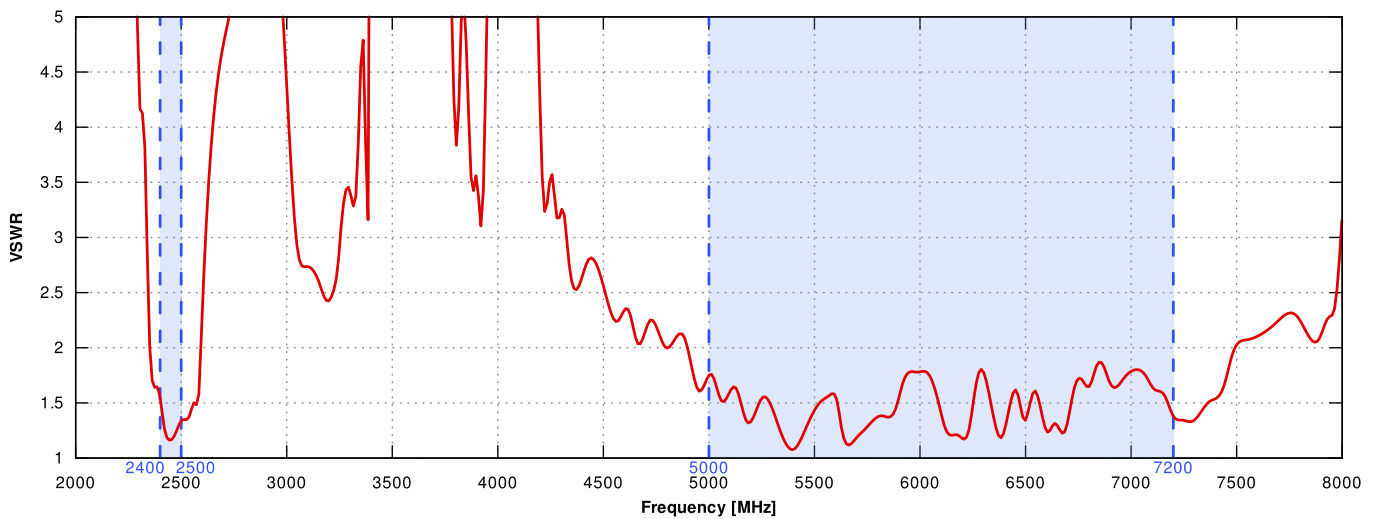
Wall or mast or ceiling

# PLOTS

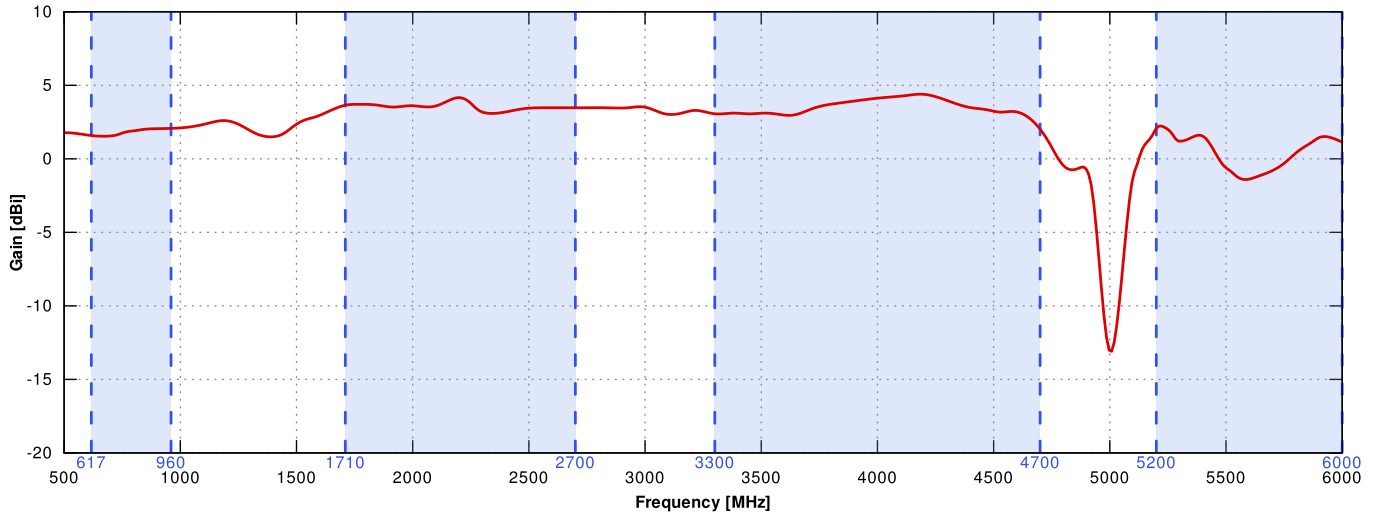
VSWR for 5G/LTE antenna



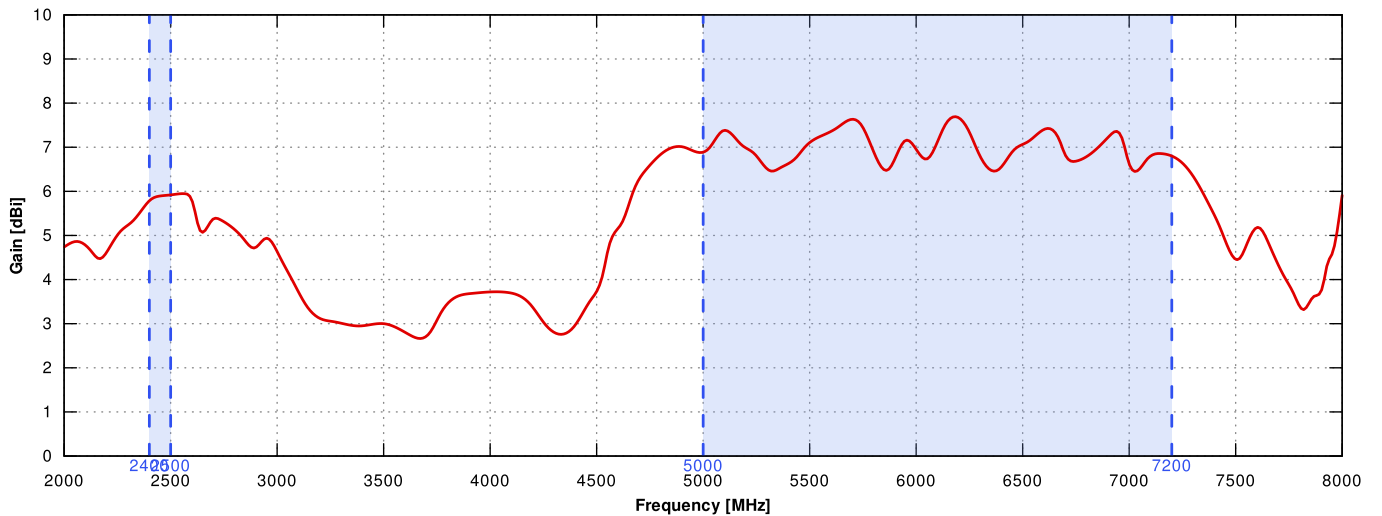
VSWR for Wi-Fi antenna



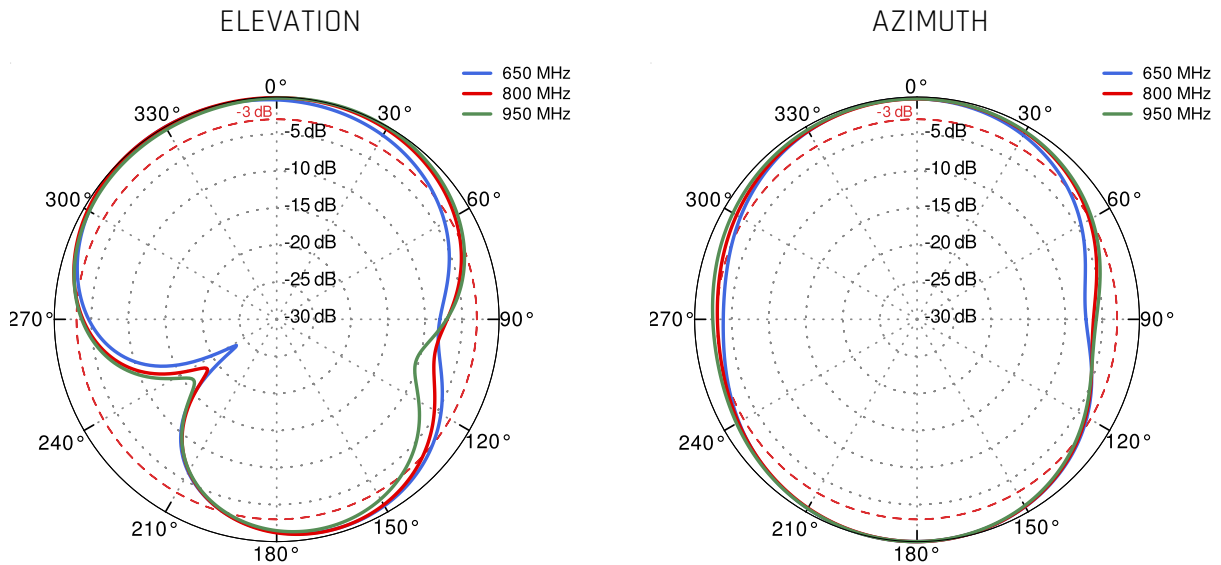
### Gain for 5G/LTE antenna



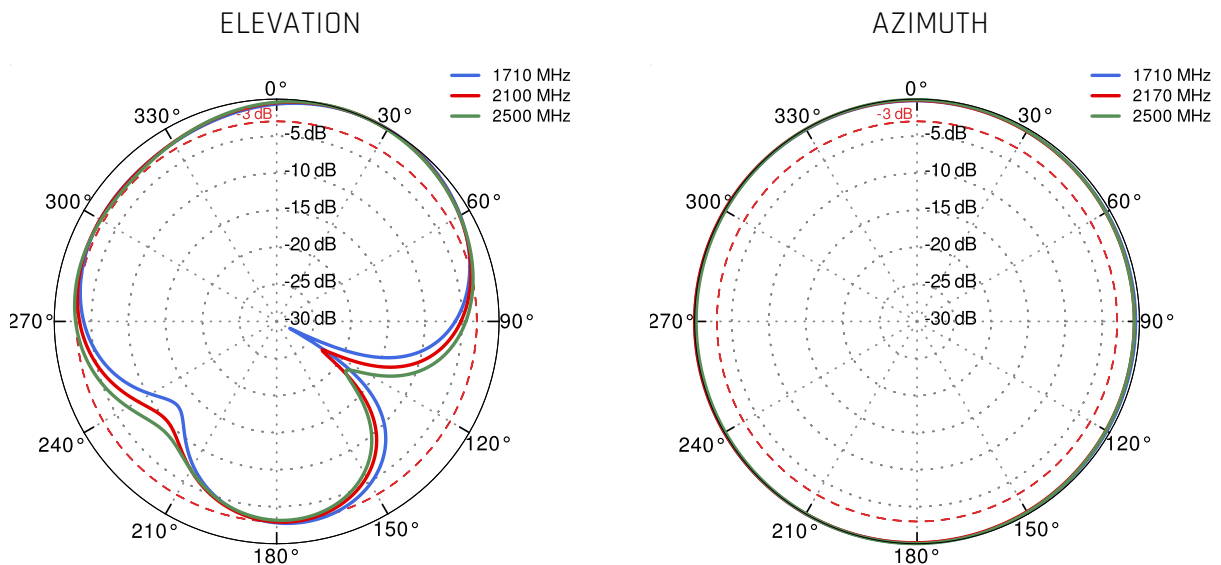
### Gain for Wi-Fi antenna



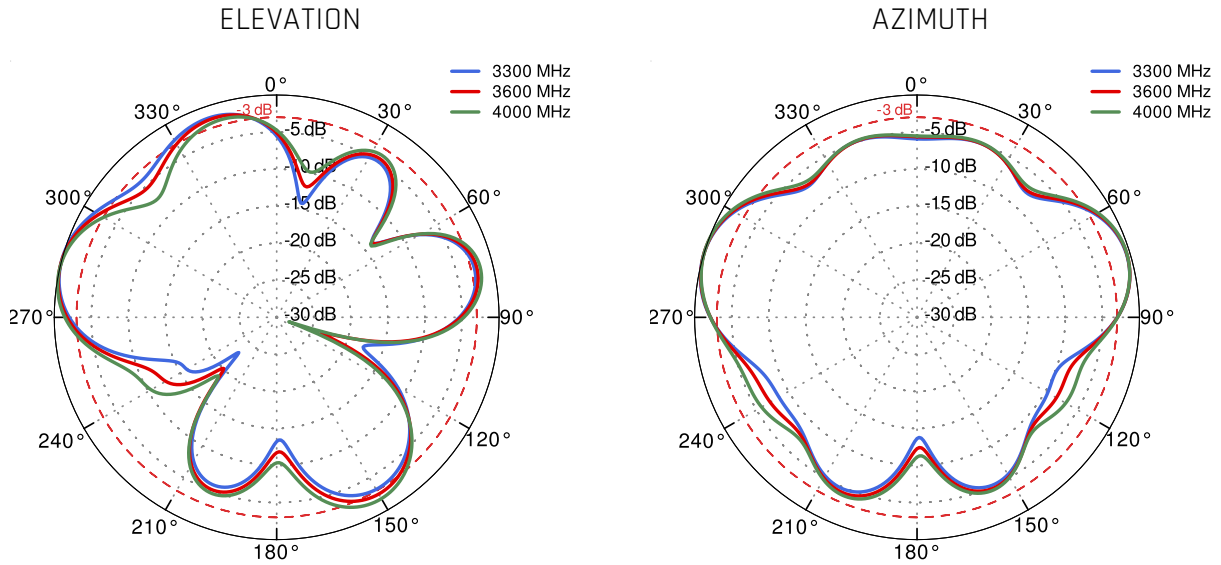
5G/LTE from 650MHz to 950MHz



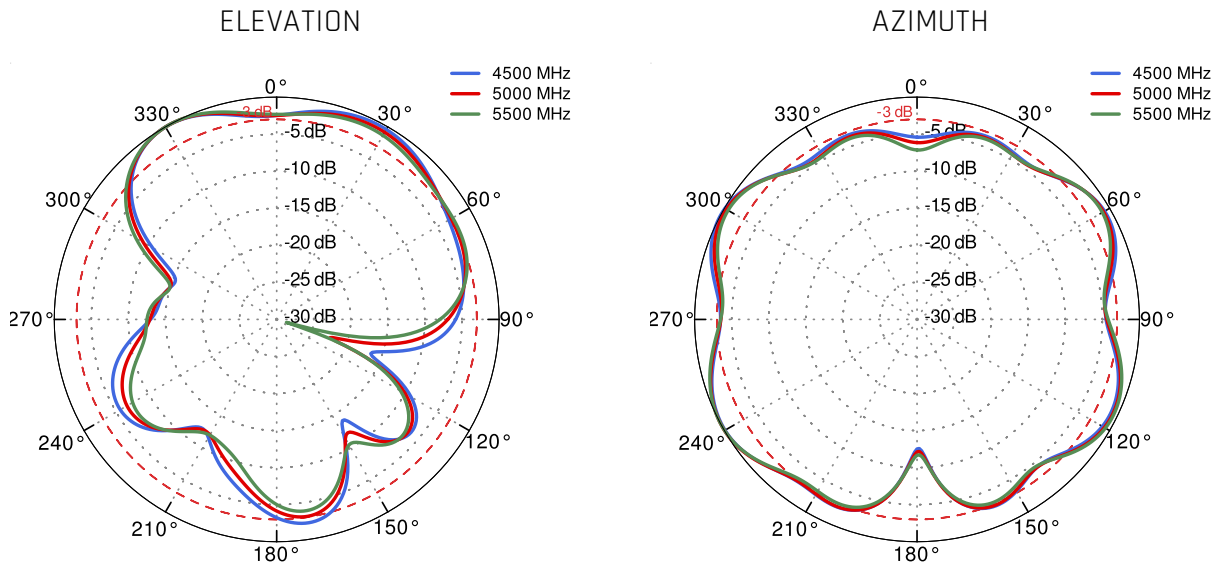
5G/LTE from 1.71GHz to 2.5GHz

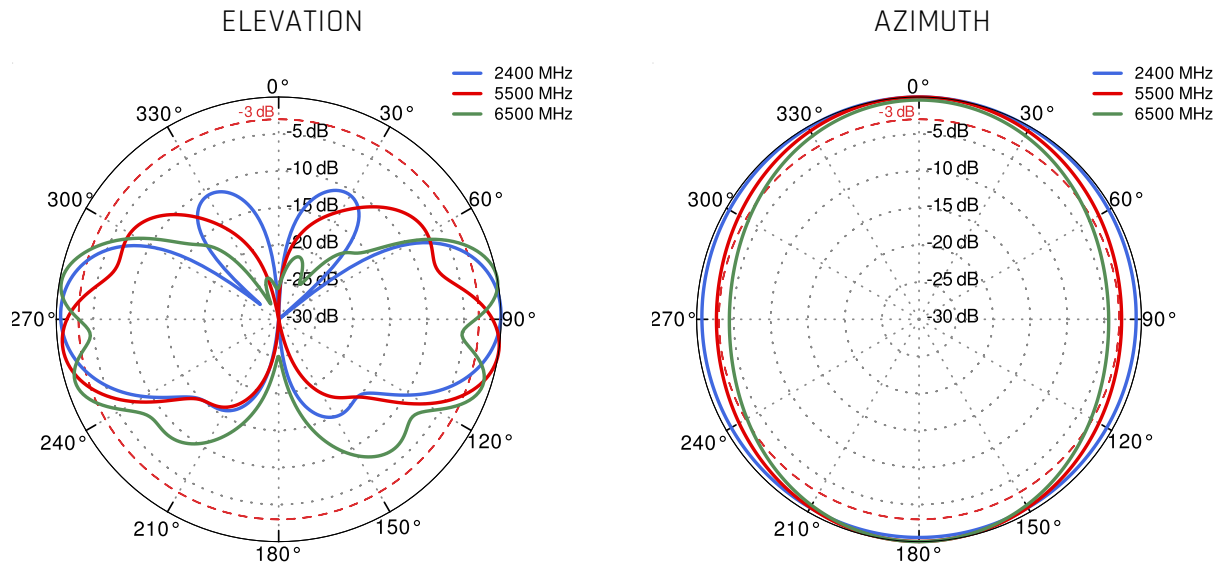


5G/LTE from 3.3GHz to 4.2GHz



5G/LTE from 4.5 GHz to 5.5 GHz



**Wi-Fi 2.4GHz - 5GHz**


**DIMENSIONS**
