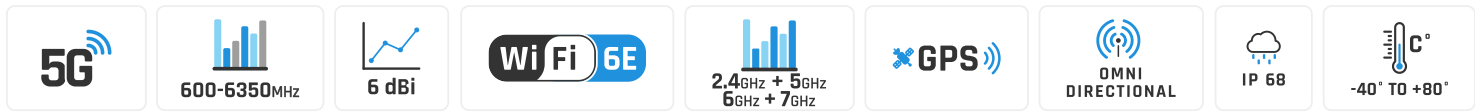


# QuSpot for Teltonika RUTM52

**INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL TELTONIKA RUTM52 (ALL-IN-ONE)**

QuSpot for RUTM52 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 RUTM52 into a single IP68 enclosure. Such integration allows implementation of new outdoor RUTM52 solutions.

QuSpot for RUTM52 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/LTE SPECIFICATION

<b>FREQUENCY</b>	0.58 - 2.0 GHz 2.0 - 3.5 GHz 3.5 - 5.0 GHz 5.0 - 6.35 GHz
<b>MAX. GAIN</b>	0.58 - 2.0 GHz : 2 dBi 2.0 - 3.5 GHz : 3.2 dBi 3.5 - 5.0 GHz : 3.1 dBi 5.0 - 6.35 GHz : 3.8 dBi
<b>SUPPORTED LTE BANDS</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 74, 75, 76, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256
<b>SUPPORTED 5G BANDS</b>	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, n50, n51, n53, n54, n65, n66, n67, n68, n70, n71, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n91, n92, n93, n94, n95, n97, n98, n99, n100, n101, n105, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
<b>VSWR</b>	<2.50, max <3.00
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## **WI-FI SPECIFICATION**

<b>FREQUENCY</b>	2.4 - 2.5 GHz 5 - 7.2 GHz
<b>MAX. GAIN</b>	2.4 - 2.5 GHz: 2dBi 5 - 7.2 GHz: 5dBi
<b>VSWR</b>	< 2.50
<b>BEAMWIDTH</b>	360°/25°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 $\Omega$
<b>MAX INPUT POWER</b>	50W
<b>DC GROUND</b>	Yes

## **MECHANICAL SPECIFICATION**

<b>MATERIAL</b>	ABS, aluminum, PTFE
<b>CONNECTOR</b>	RJ45
<b>INGRESS PROTECTION</b>	IP68
<b>OUTER DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg
<b>OPERATING TEMPERATURE</b>	-40°C to 80°C -40°F to 176°F
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0.5 - 0.7 Nm

## MOUNTING KIT

**MATERIAL**

Galvanized steel

**WEIGHT**

0.4kg

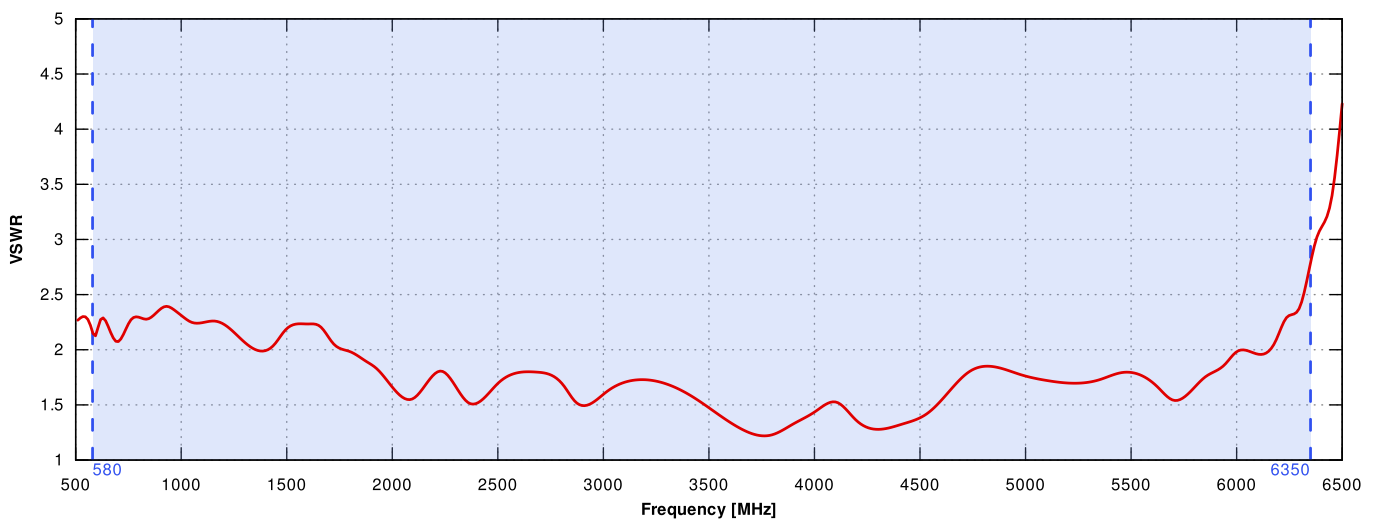
**MOUNTING PLACE**

Wall or mast

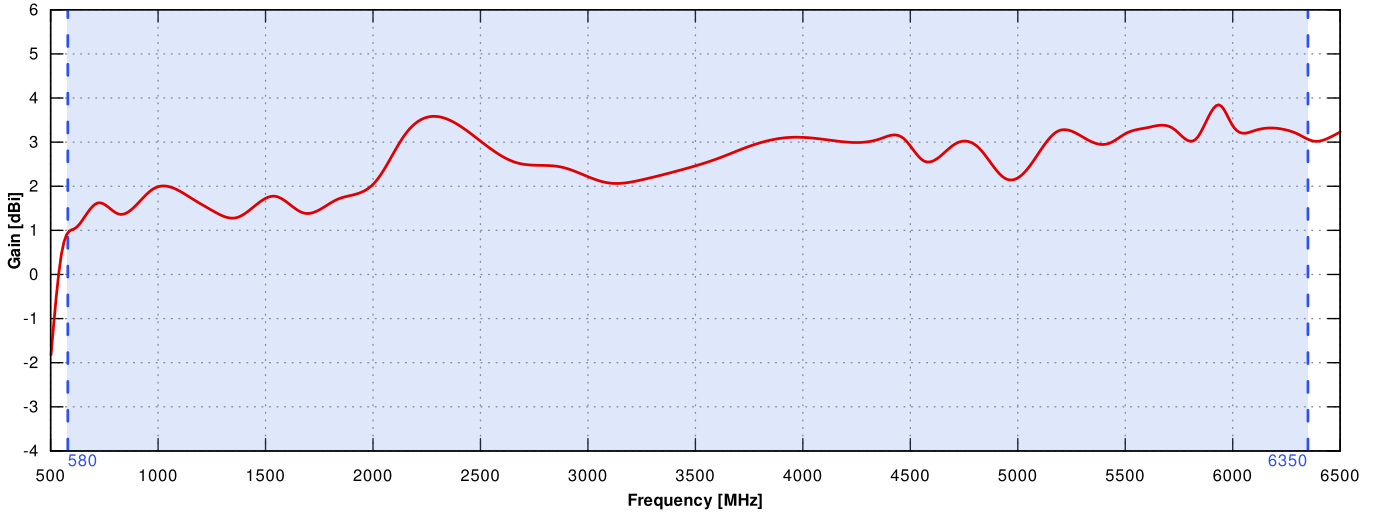
**MAST DIAMETER**25-66 mm  
0.98-2.60 inch

## PLOTS

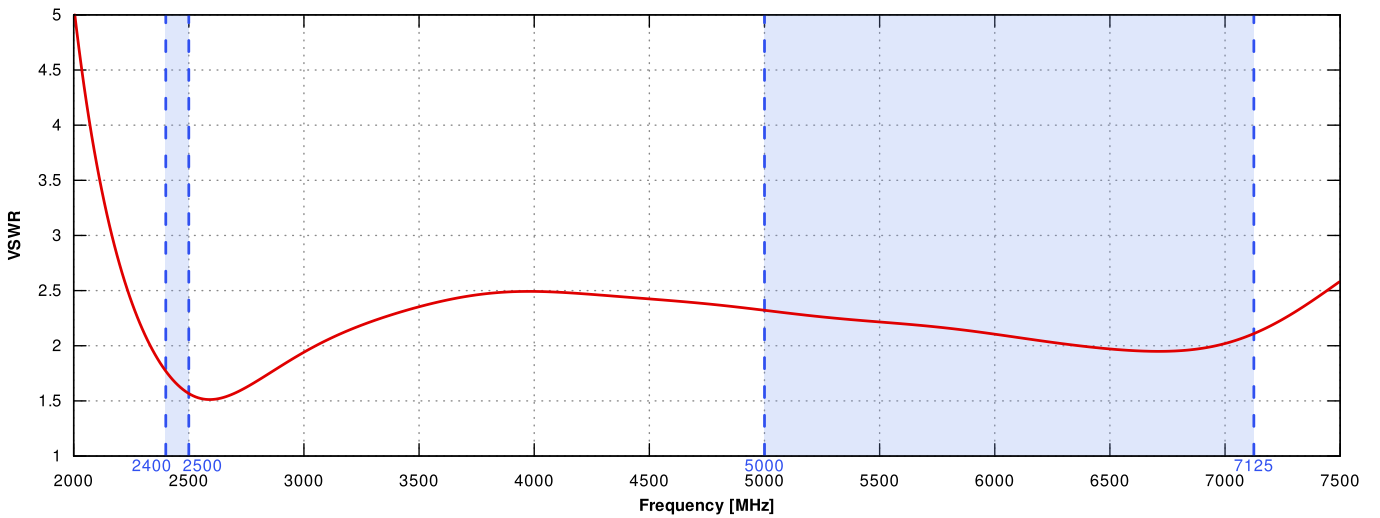
### 5G/LTE VSWR



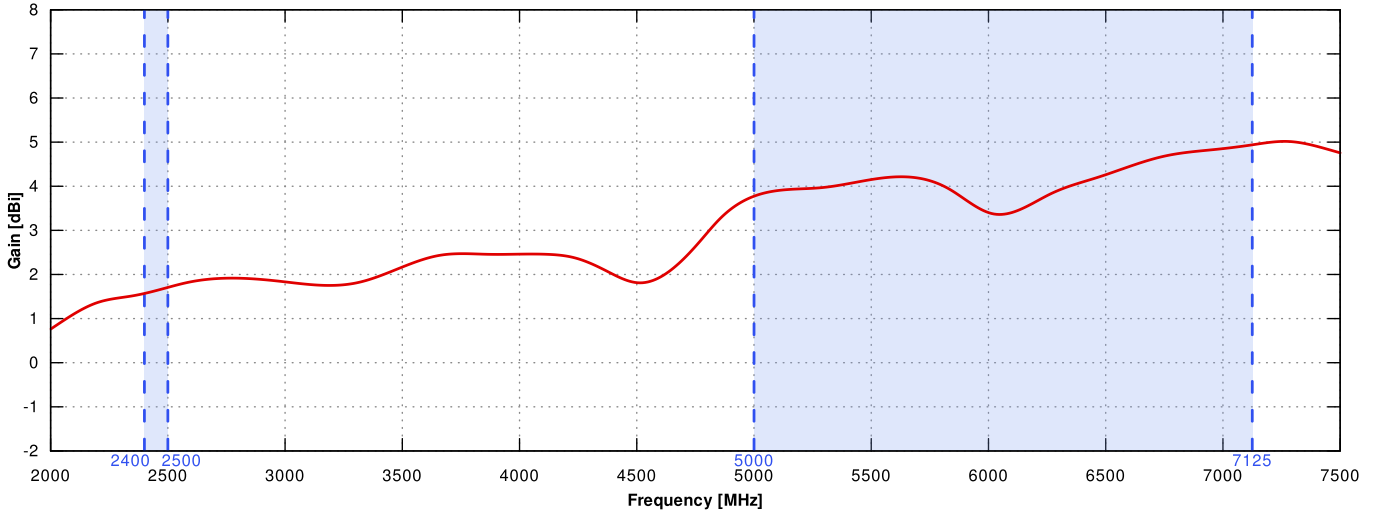
### 5G/LTE GAIN



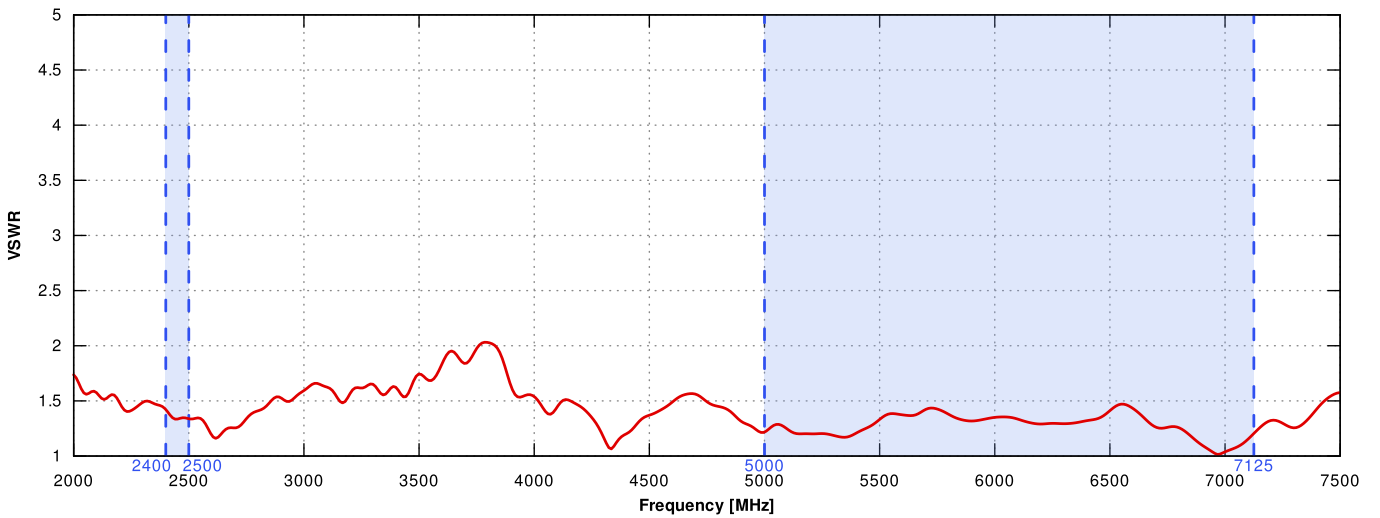
### WiFi - X VSWR



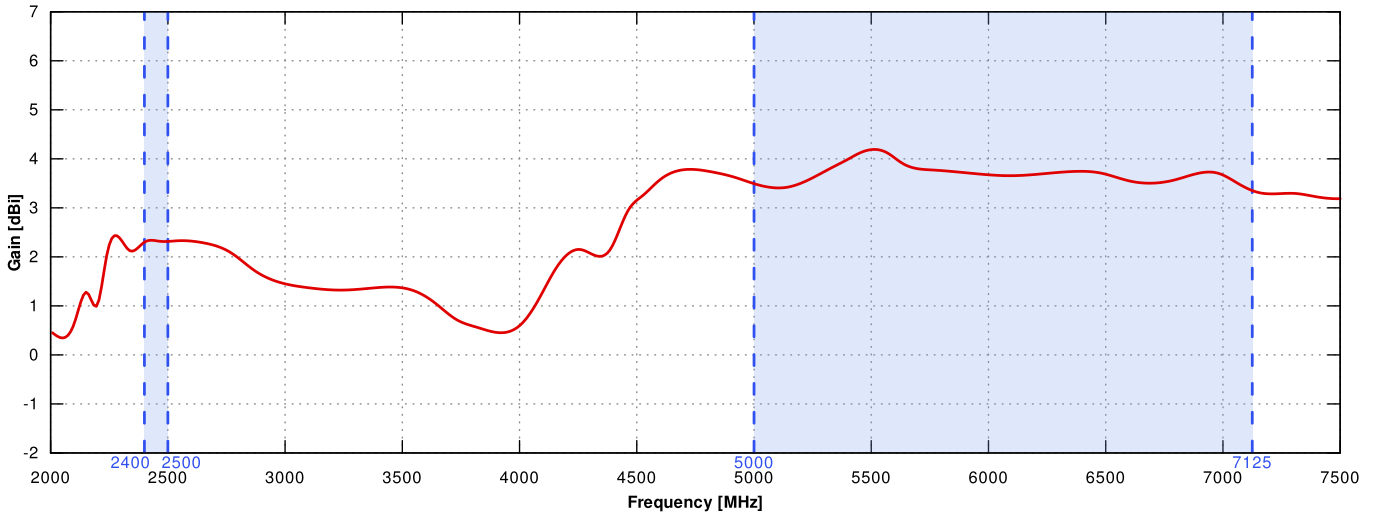
### WiFi - X GAIN



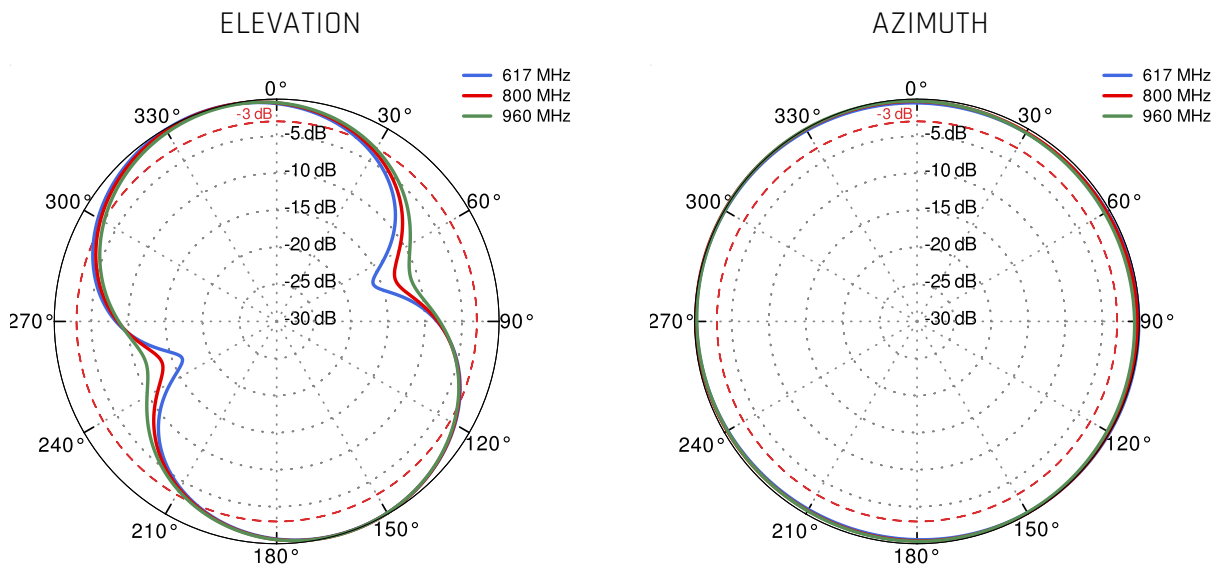
### WiFi - V VSWR



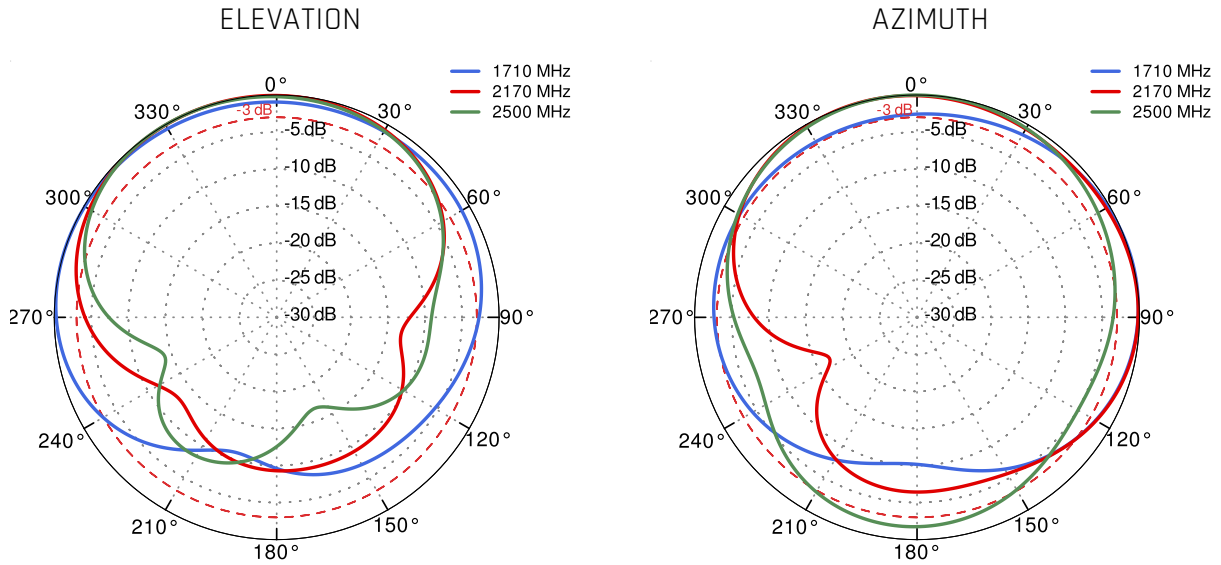
WiFi - V GAIN



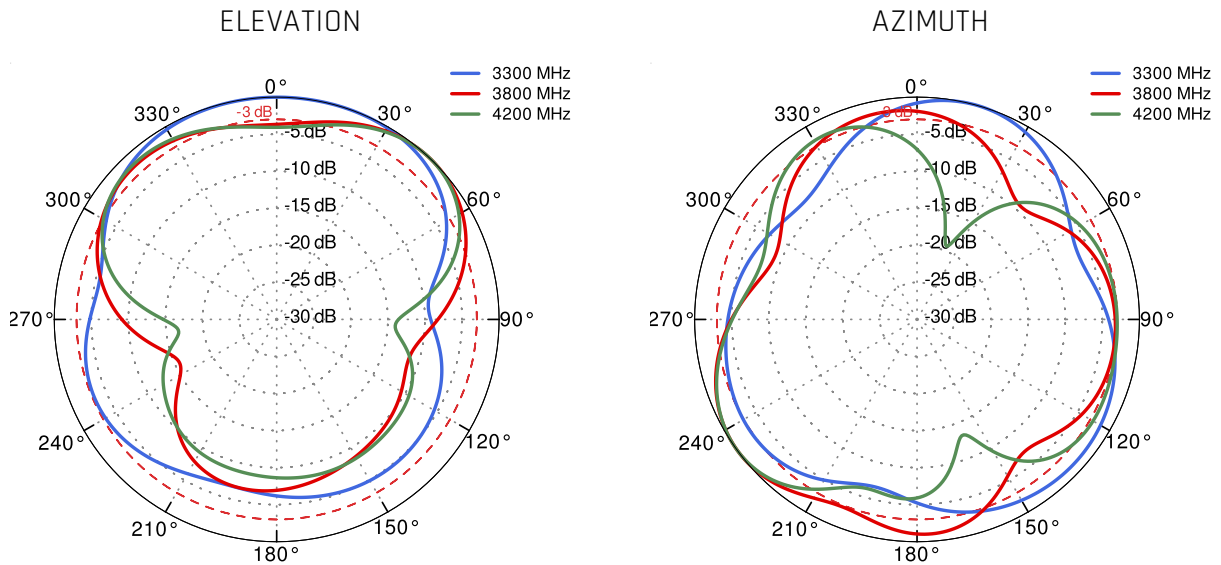
5G/LTE from 617MHz to 960MHz



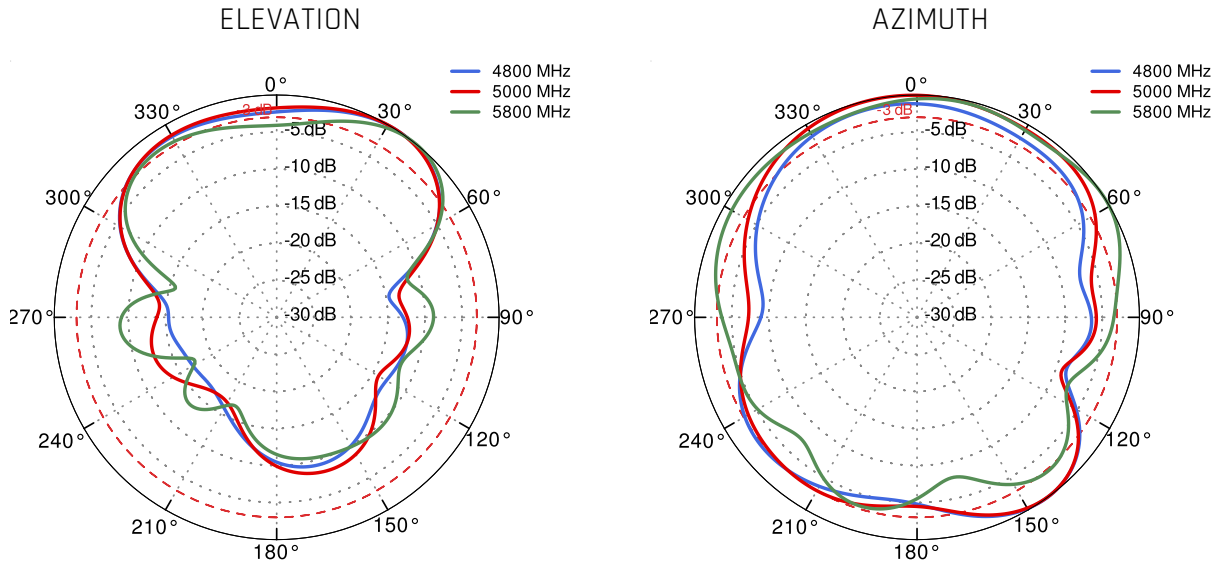
5G/LTE from 1.71GHz to 2.5GHz



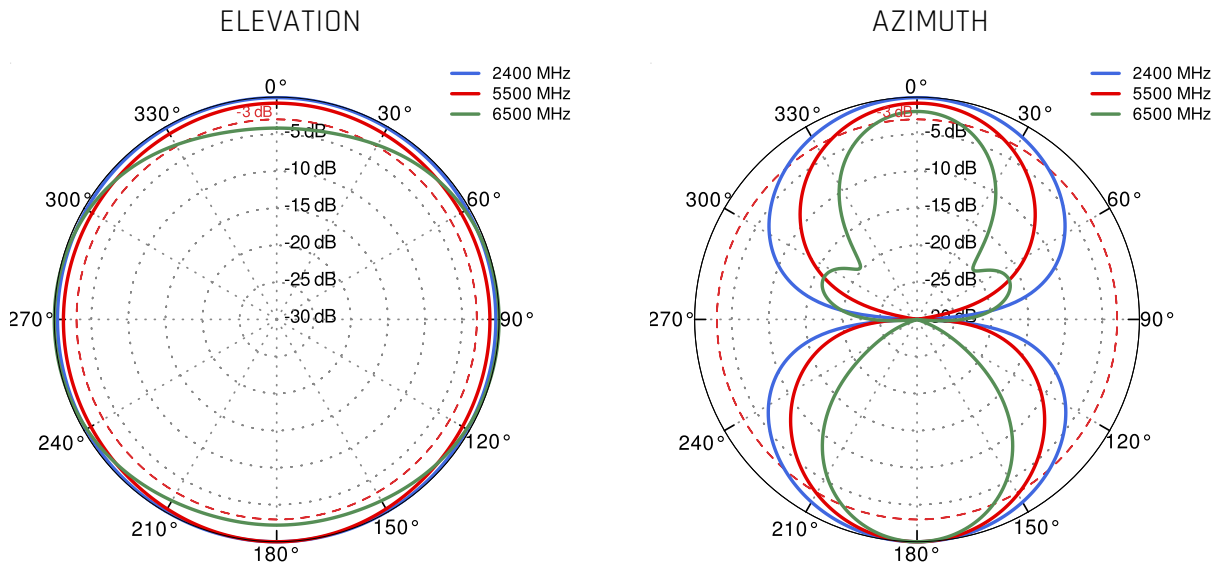
5G/LTE from 3.3GHz to 4.2GHz



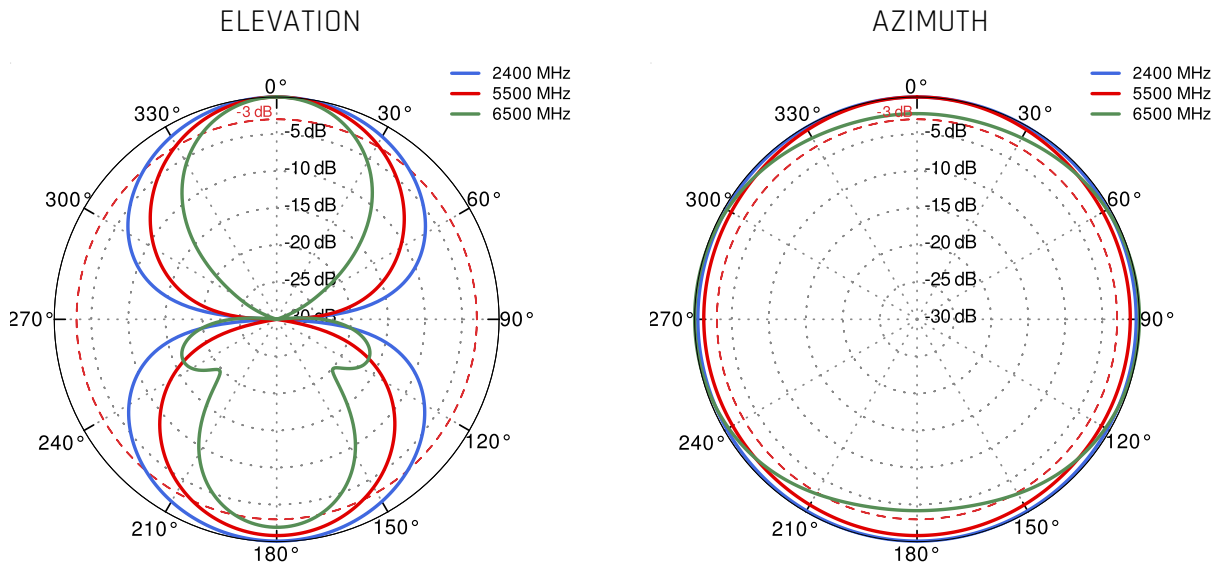
5G/LTE from 4.8GHz to 5.8GHz



Wi-Fi X Port 1 From 2.4 GHz to 6.5 GHz



## Wi-Fi X Port 2 From 2.4 GHz to 6.5 GHz



## Wi-Fi V From 2.4 GHz to 6.5 GHz

