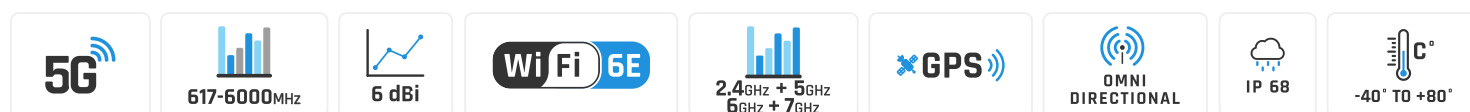


# QuSpot for Teltonika RUTM52

**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



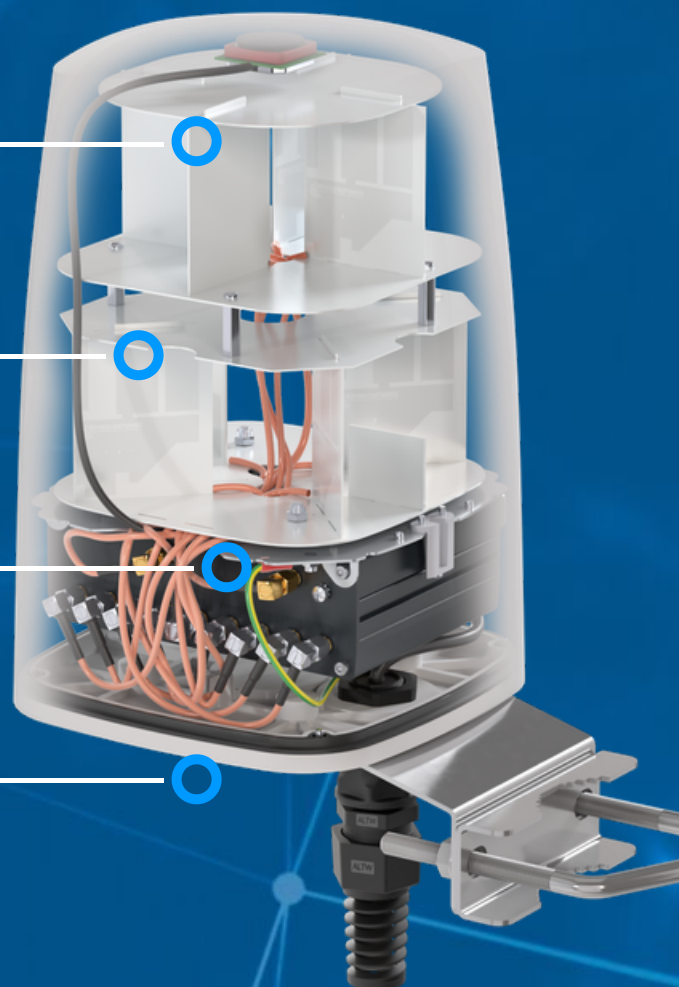
ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



PASSIVE **POE SUPPORT**



MADE IN **EUROPE**



## 5G/LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 3.8 GHz 4.2 - 6.0 GHz
GAIN	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 3.8 GHz : 5 dBi 4.2 - 6.0 GHz : 6dBi
SUPPORTED LTE BANDS	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
SUPPORTED 5G BANDS	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
VSWR	<1.20, max <2.50
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## WI-FI SPECIFICATION

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

## MECHANICAL SPECIFICATION

MATERIAL	ABS, aluminum, PTFE
CONNECTOR	RJ45
INGRESS PROTECTION	IP68
OUTER DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0,5 - 0,7 Nm

## MOUNTING KIT

### MATERIAL

Galvanized steel

### WEIGHT

0.4kg

### MOUNTING PLACE

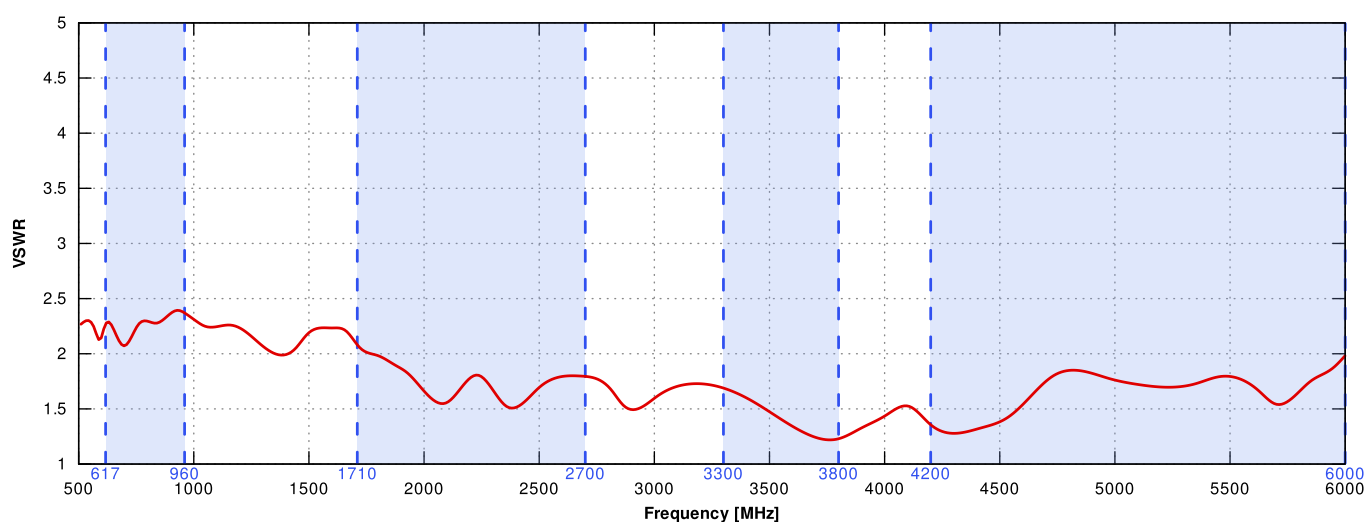
Wall or ceiling or mast

### MAST DIAMETER

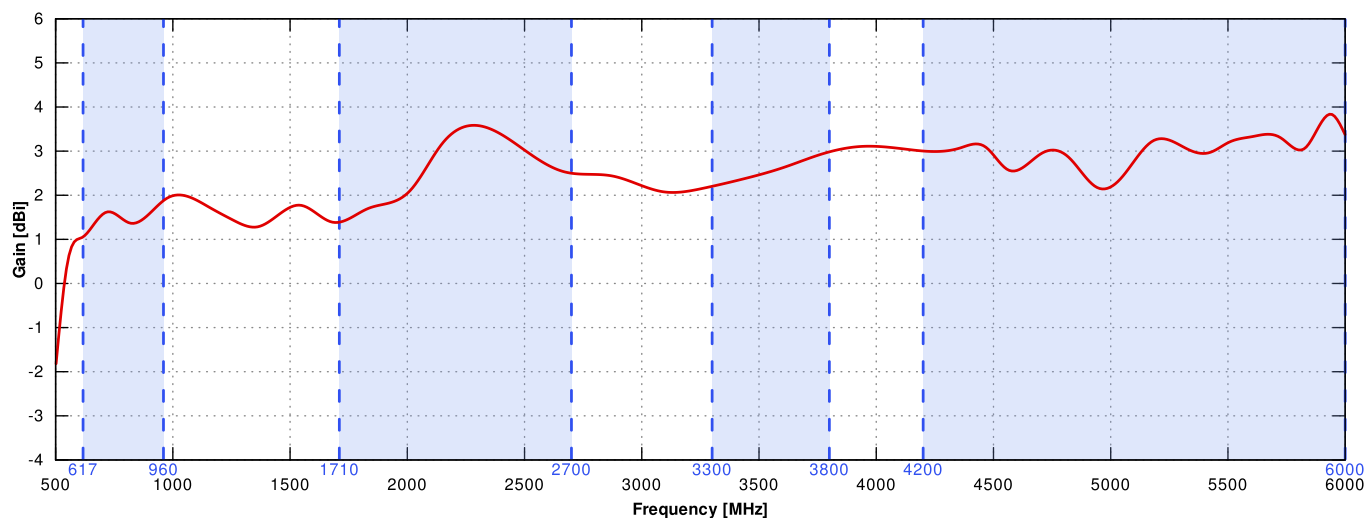
40-66 mm  
1.57-2.60 inch

## PLOTS

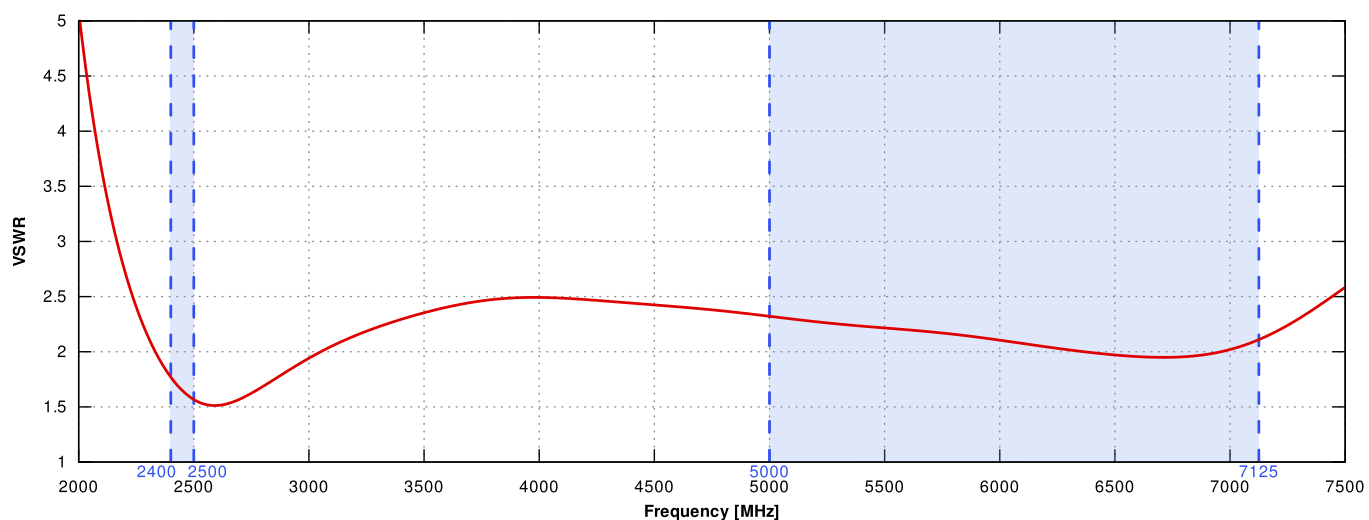
### 5G/LTE VSWR



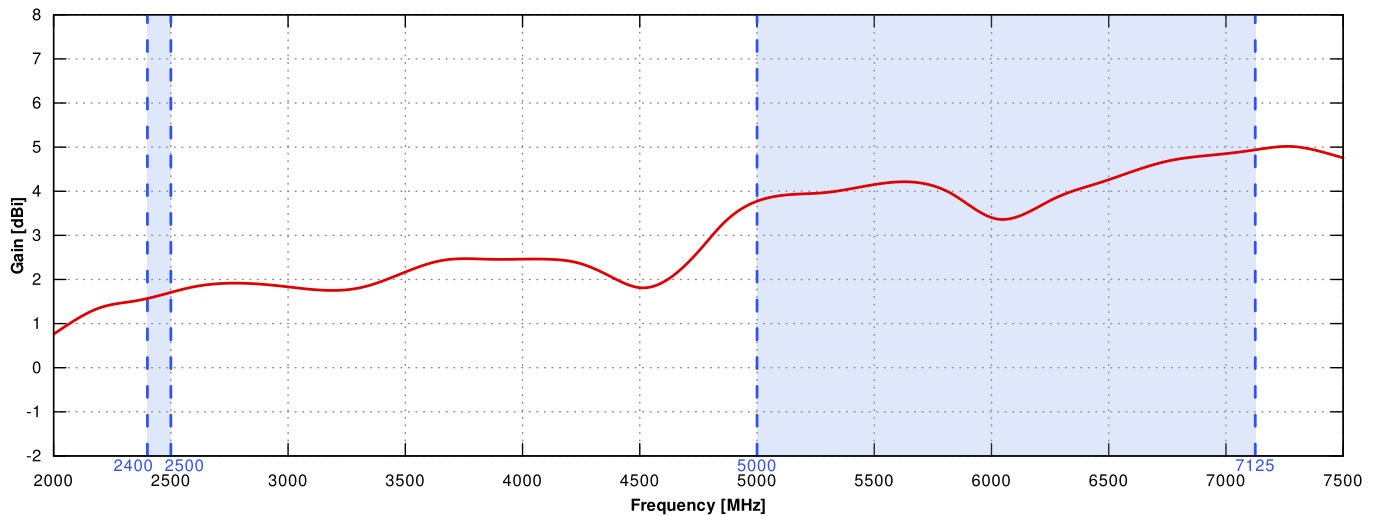
## 5G/LTE GAIN



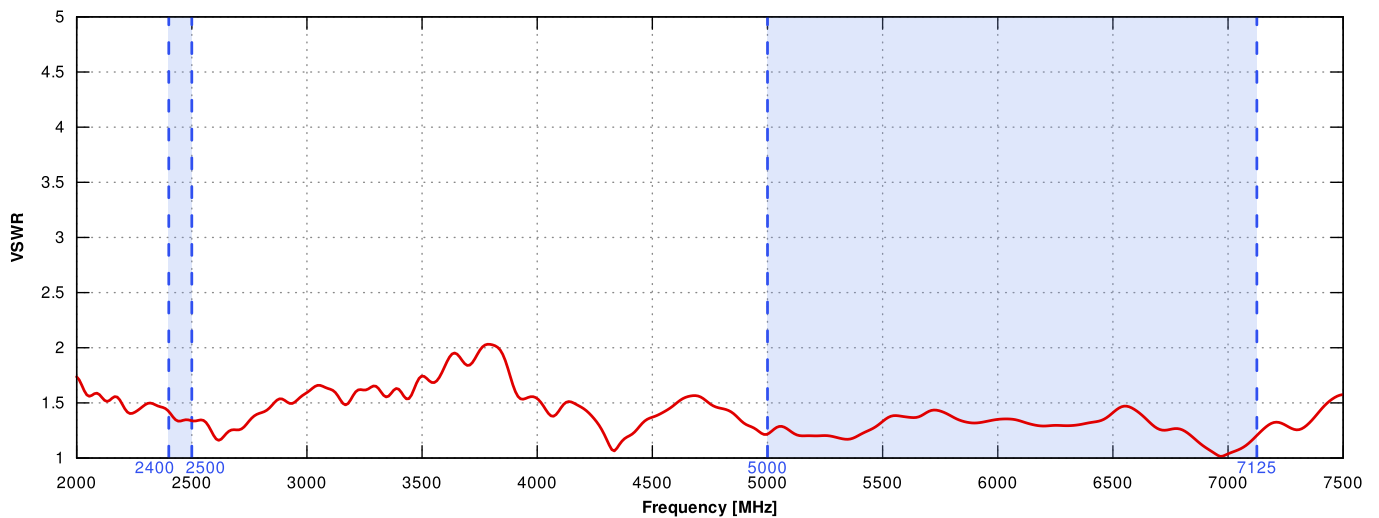
## WiFi - X VSWR



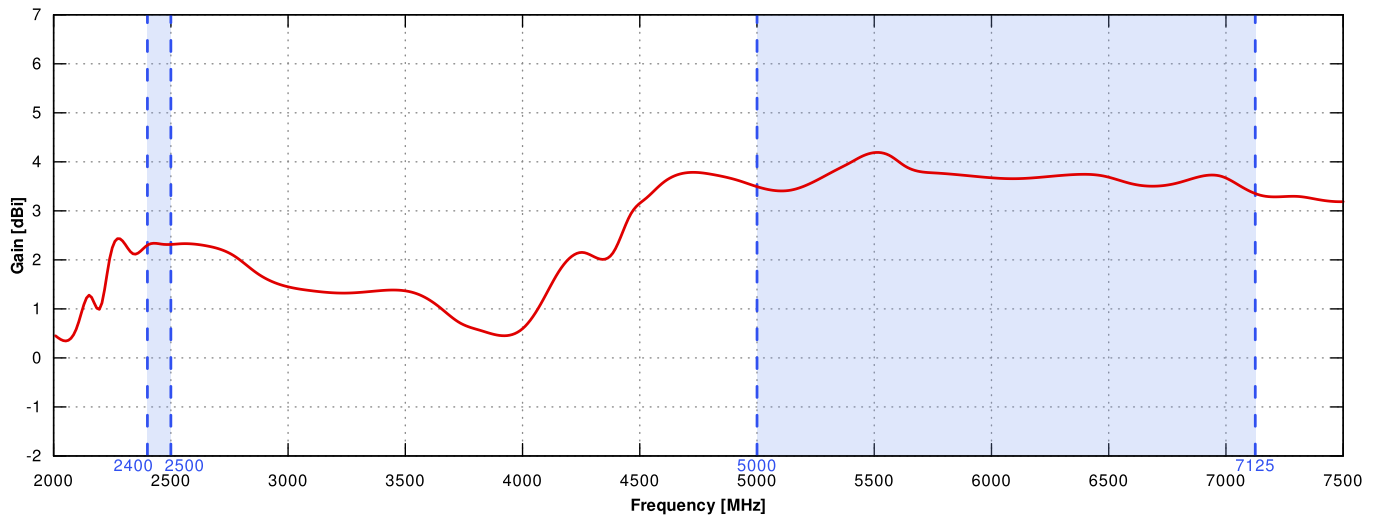
## WiFi - X GAIN



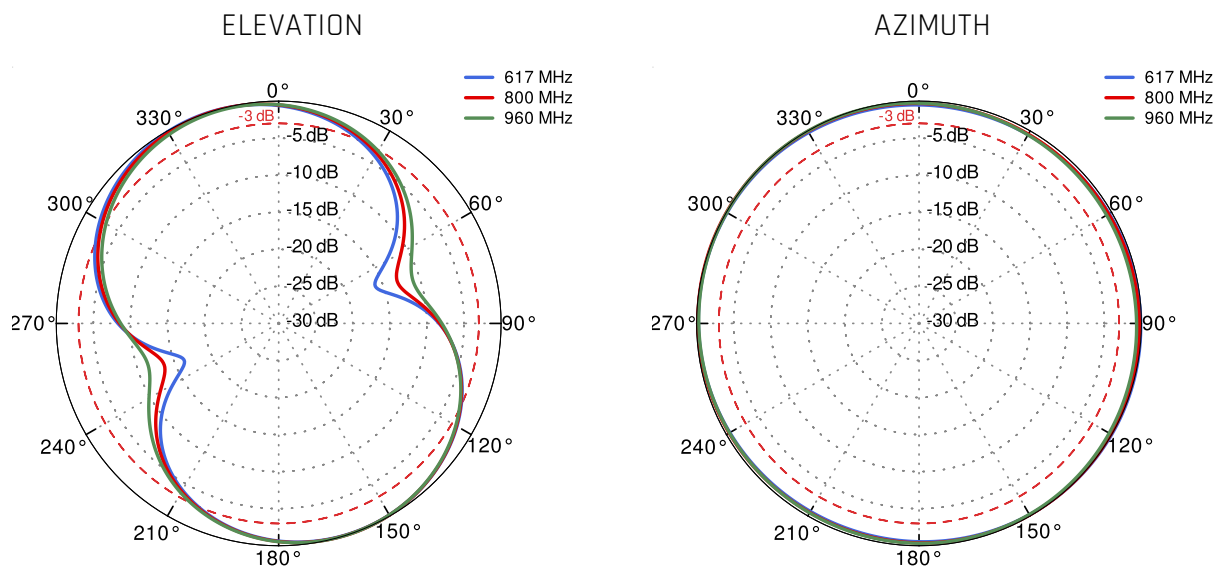
## WiFi - V VSWR



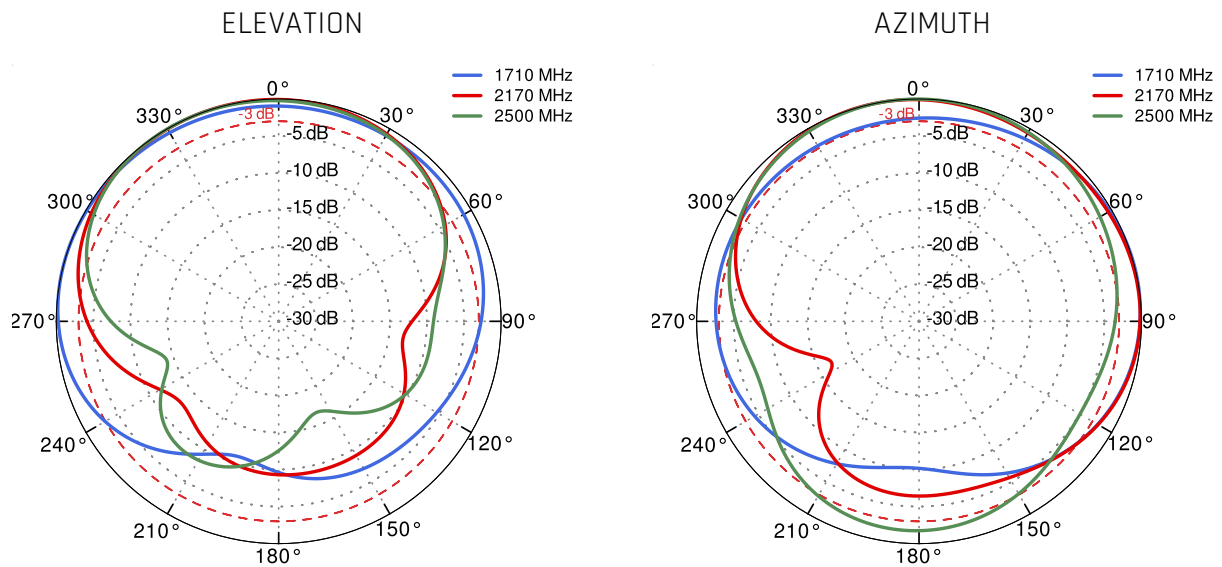
## WiFi - V GAIN



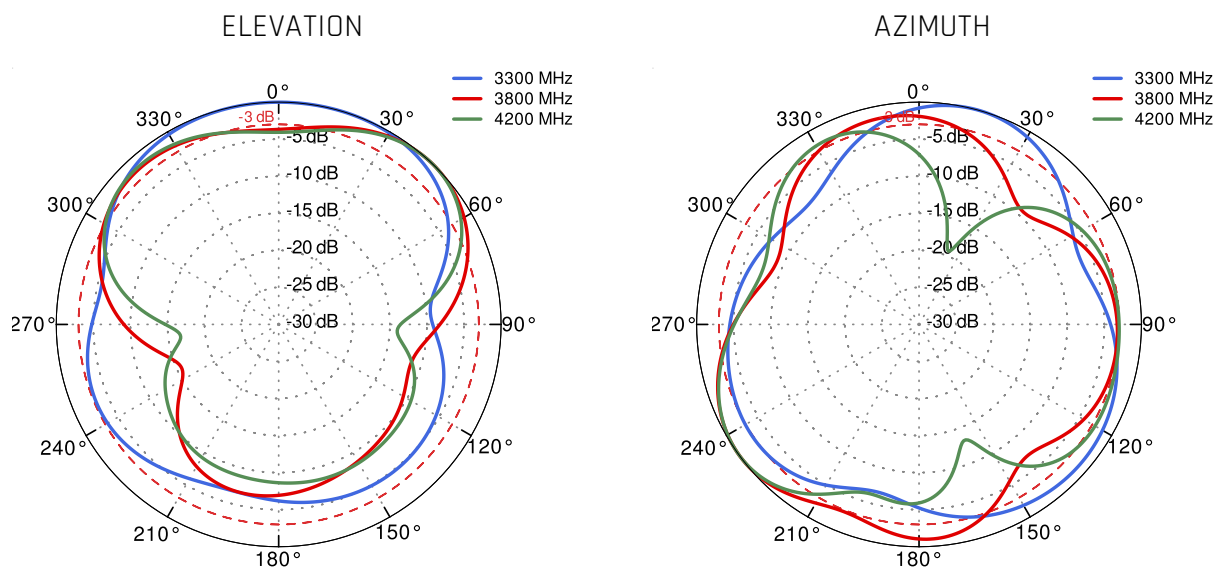
## 5G/LTE from 617MHz to 960MHz



## 5G/LTE from 1.71GHz to 2.5GHz

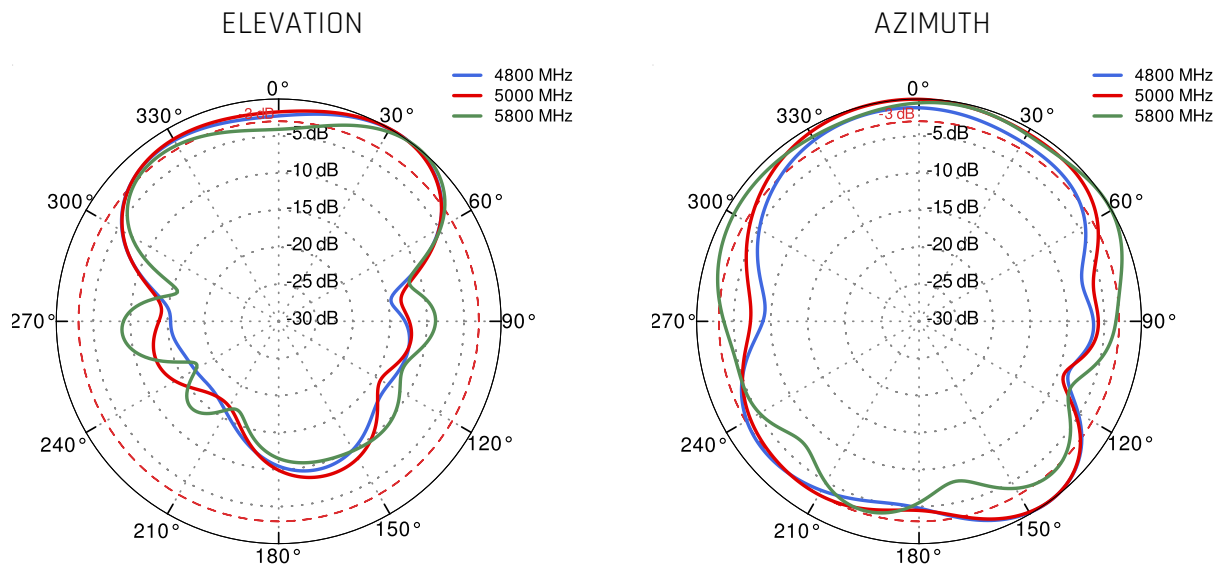


## 5G/LTE from 3.3GHz to 4.2GHz

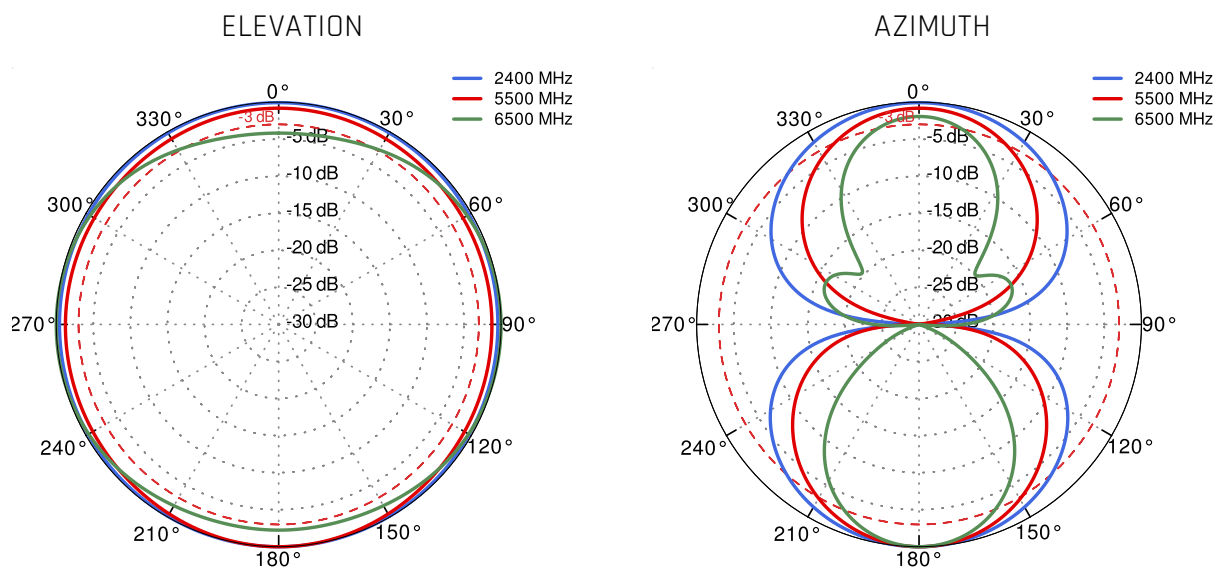




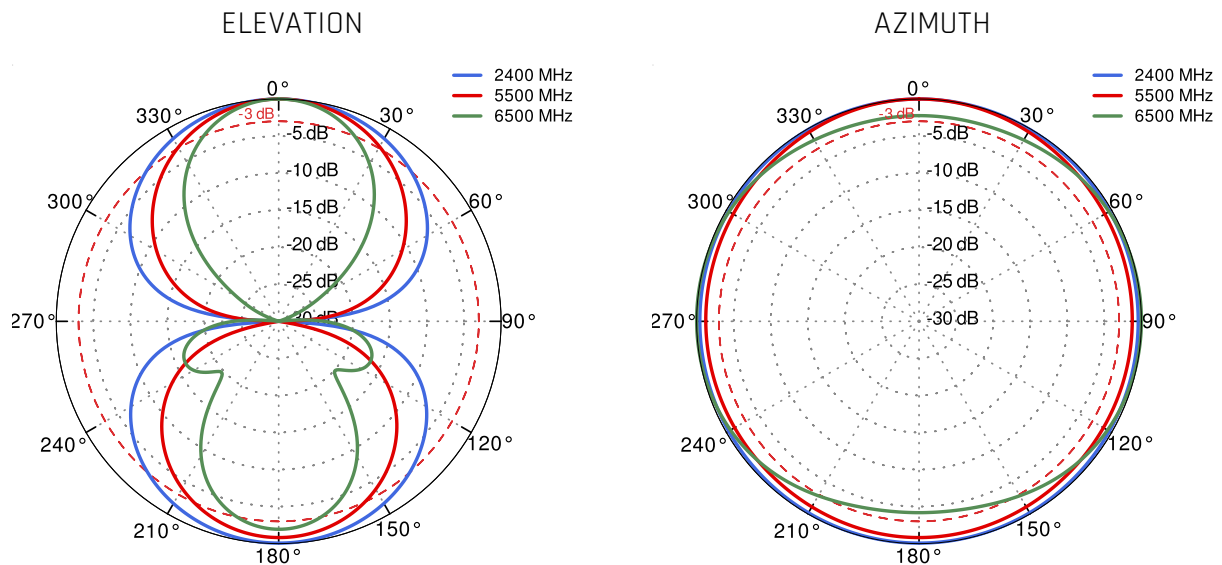
## 5G/LTE from 4.8GHz to 5.8GHz



## 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

