

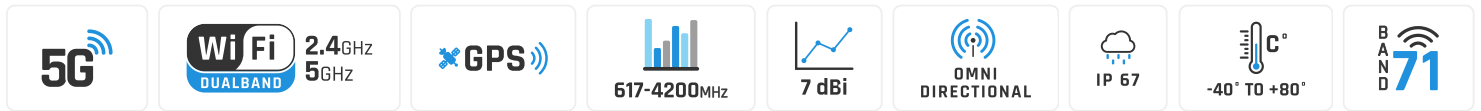
# QuSpot for Teltonika RUTX11 ver. US (Band71)

**INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + GPS ACTIVE ANTENNA + BLUETOOTH ANTENNA + PLACE TO INSTALL TELTONIKA RUTX11 (ALL-IN-ONE)**

QuSpot for **RUTX11 ver. US (Band71)** 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 RUTX11 into a single IP67 enclosure.

QuSpot for **RUTX11** 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.

This product is also compatible with **RUTM11**. If used with RUTM11, the Bluetooth antenna is unused.

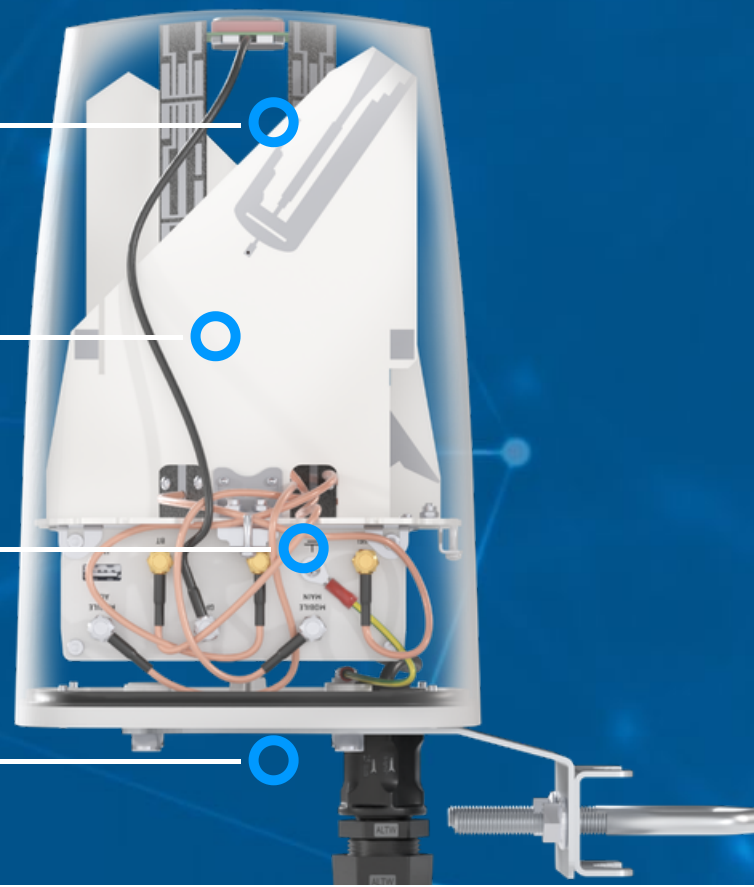


 OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67

 ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER

 PASSIVE **POE SUPPORT**

 MADE IN **EUROPE**



## 5G ANTENNA SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.3 GHz
<b>GAIN</b>	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.3 GHz : 4.5 dBi
<b>SUPPORTED LTE 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
<b>CONNECTOR</b>	2x SMA
<b>CABLE TYPE</b>	RG316

## WI-FI ANTENNA SPECIFICATION

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

## GPS ACTIVE ANTENNA 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 Ω
<b>POLARIZATION</b>	RHCP (right hand circularly polarized)

**CONNECTOR**

1x SMA

**CABLE TYPE**

RG174

## **BLUETOOTH ANTENNA SPECIFICATION**

**FREQUENCY**

2.20 - 2.70 GHz

**GAIN**

2 dBi

**VSWR**

&lt;1.70, max &lt;2.00

**BEAMWIDTH**

360°/25° ±5°

**POLARIZATION**

Vertical

**IMPEDANCE**50  $\Omega$ **CONNECTOR**

1x RPSMA

**CABLE TYPE**

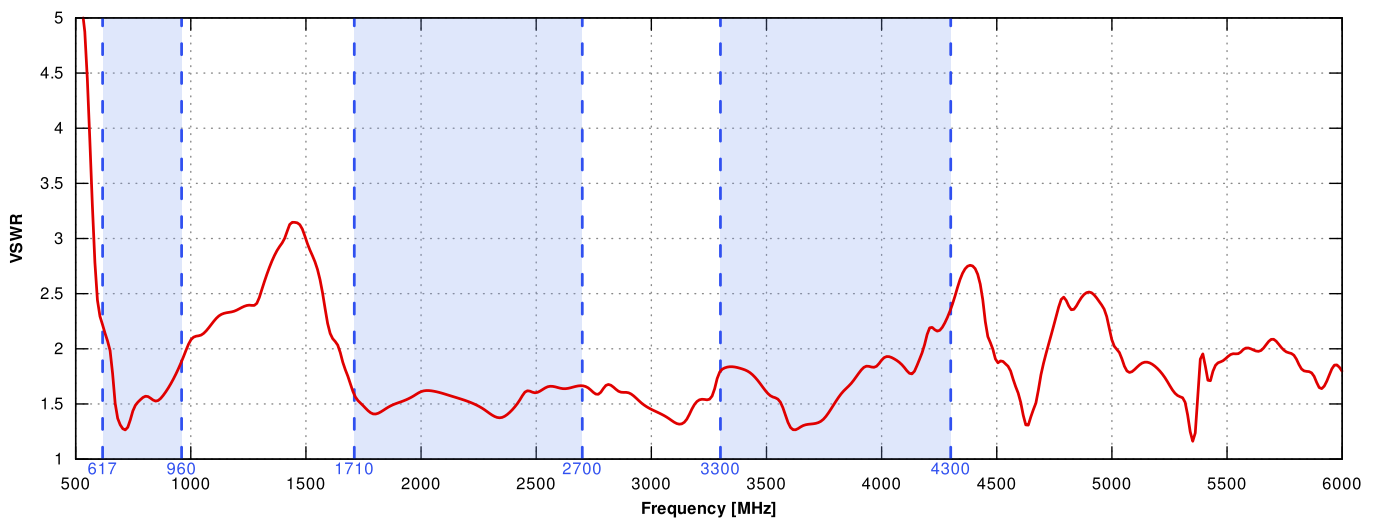
RG316

## MECHANICAL SPECIFICATION

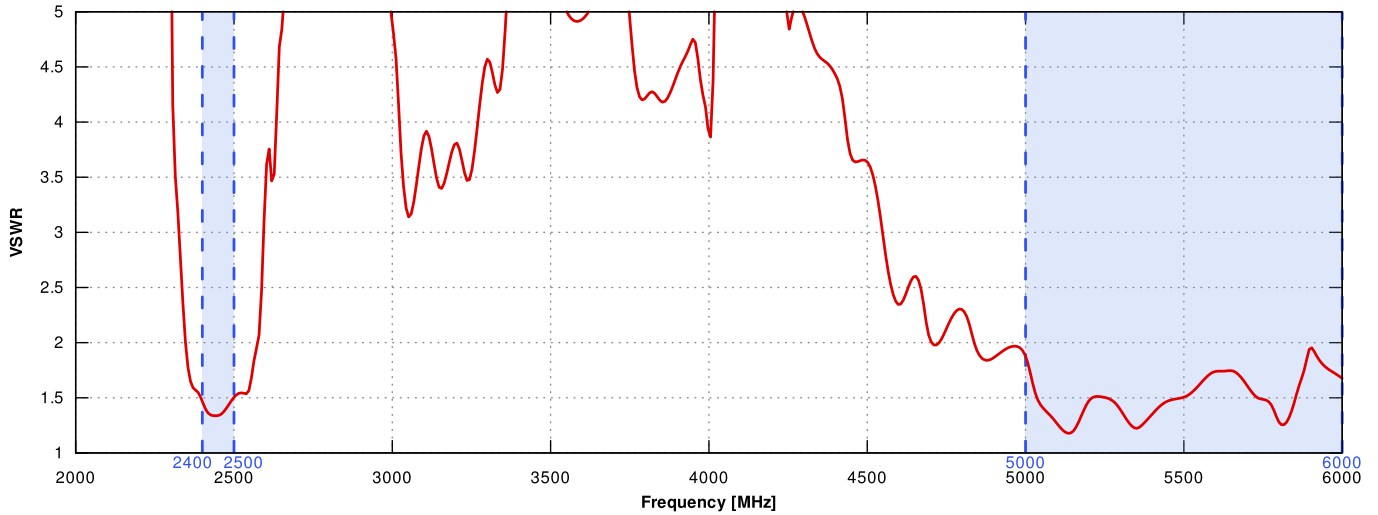
<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	RJ45
<b>INGRESS PROTECTION</b>	IP67
<b>DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F
<b>MAST DIAMETER</b>	40-60 mm 1.57-2.36 inch

## PLOTS

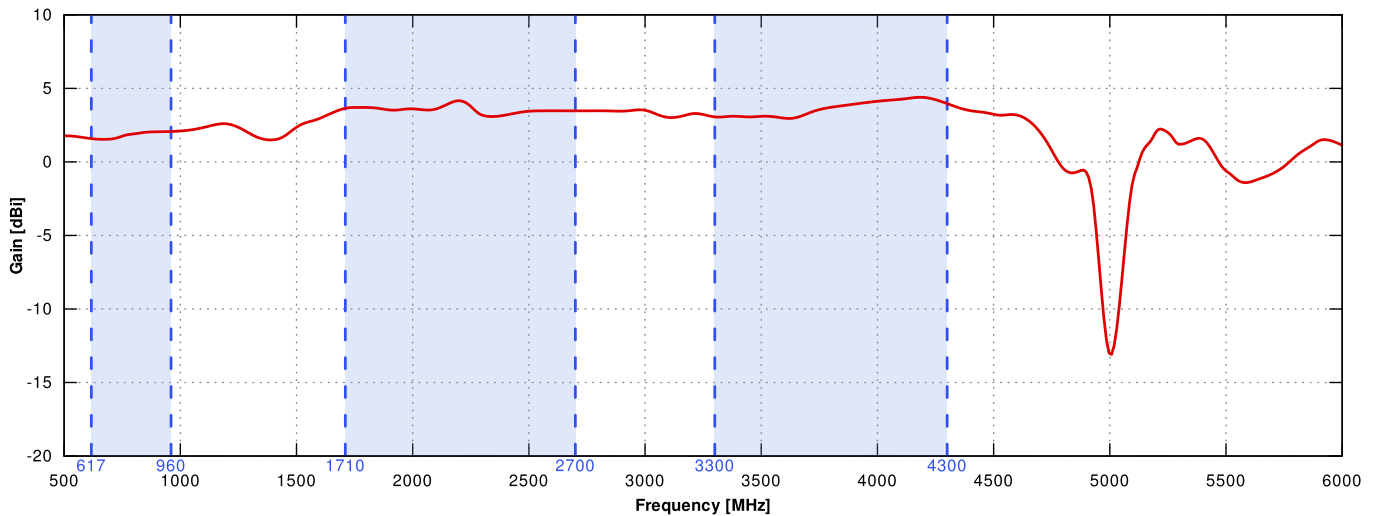
VSWR for 5G/LTE antenna



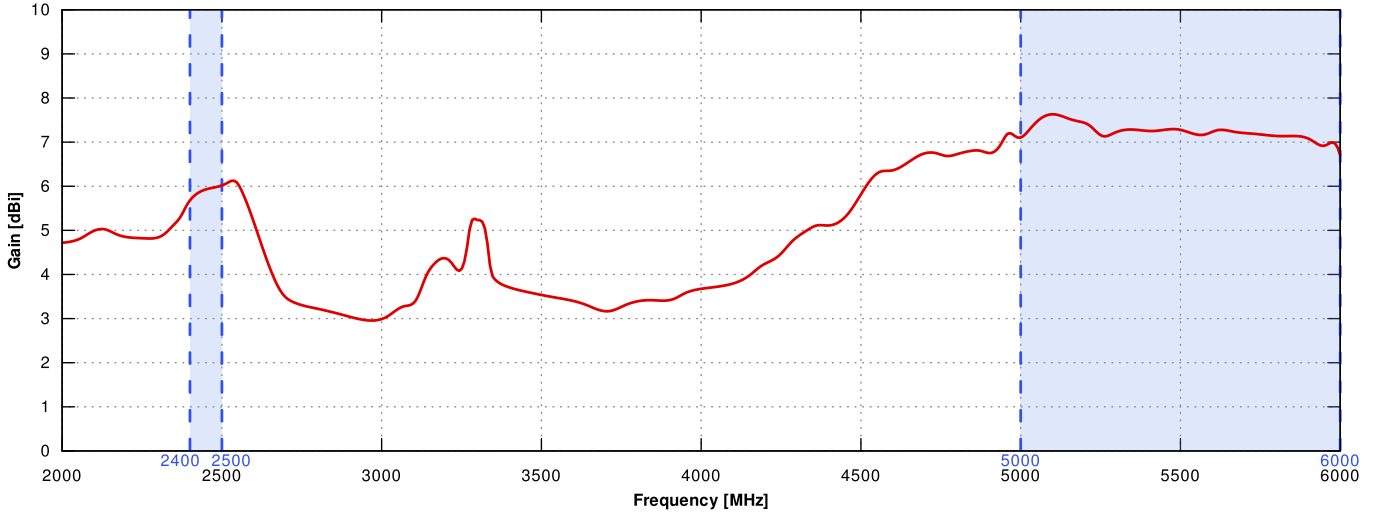
### VSWR for Wi-Fi antenna



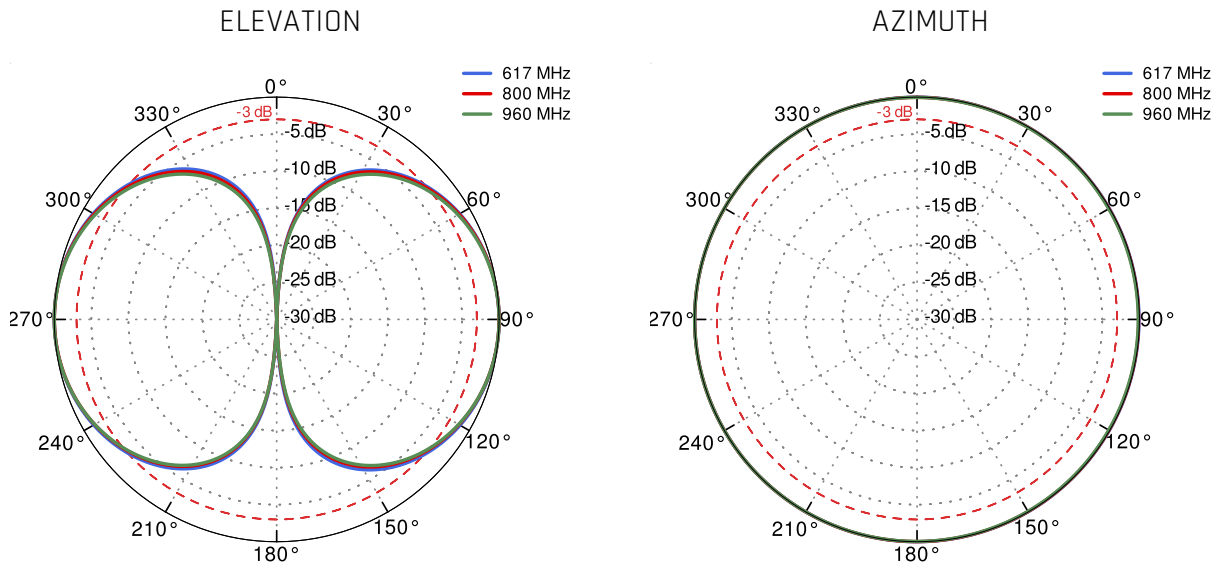
### Gain for 5G/LTE antenna



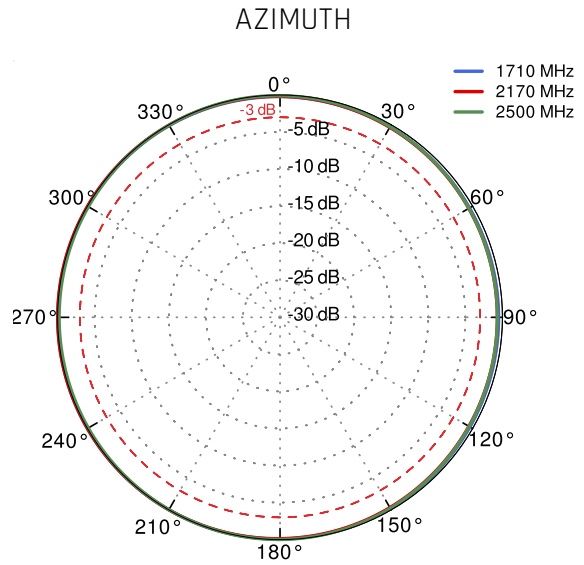
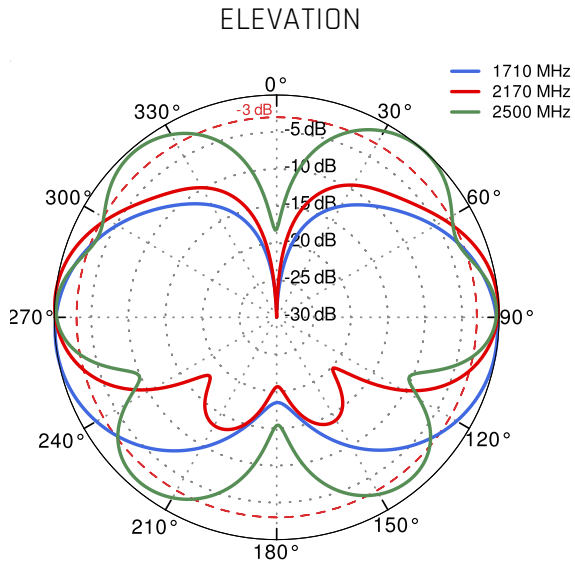
Gain for Wi-Fi antenna



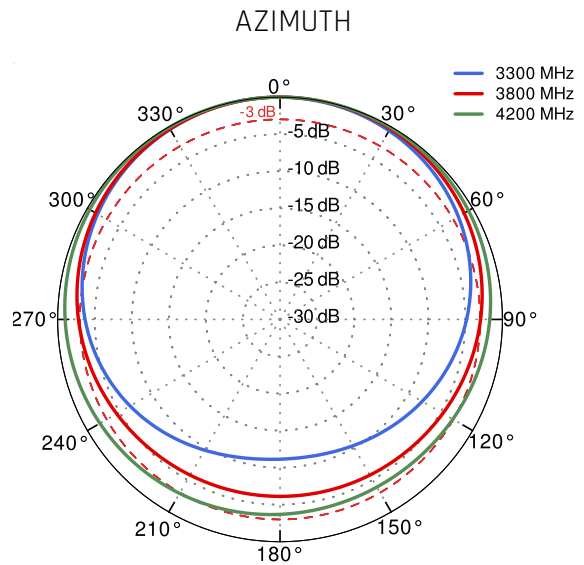
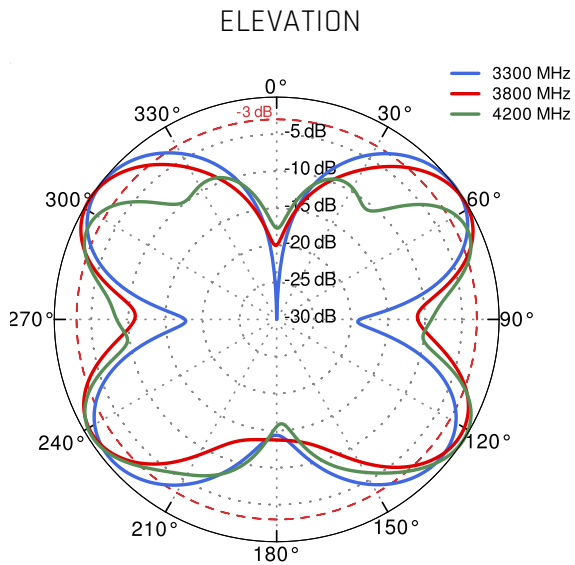
5G/LTE from 617MHz to 960MHz



5G/LTE from 1.71GHz to 2.5GHz

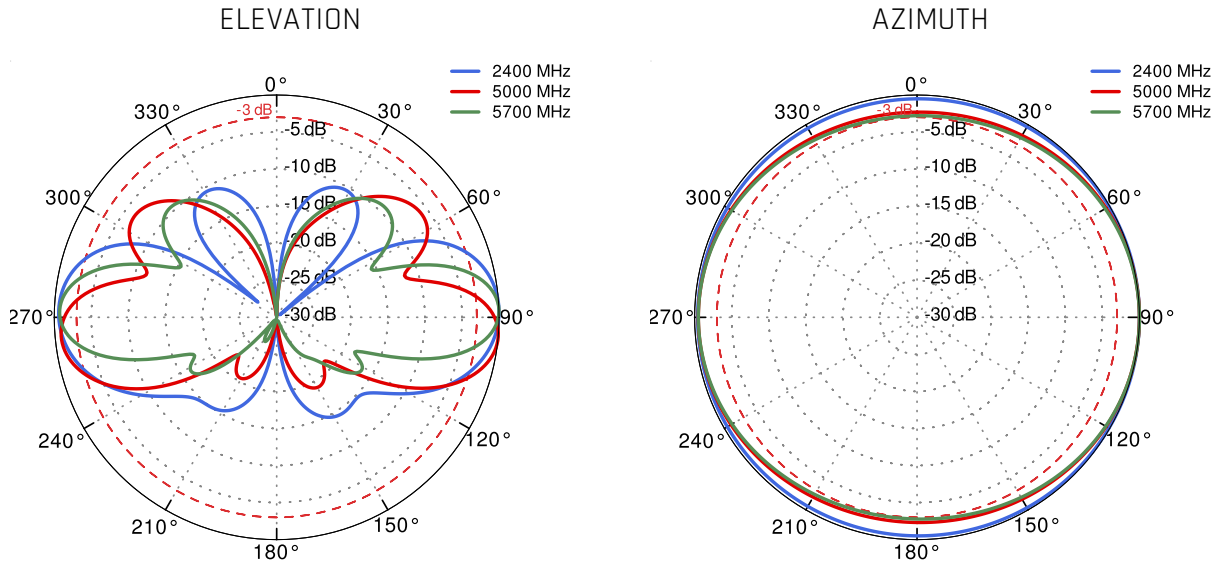


5G/LTE from 3.3GHz to 4.2GHz





## Wi-Fi 2.4 GHz and 5 GHz



**DIMENSIONS**
