

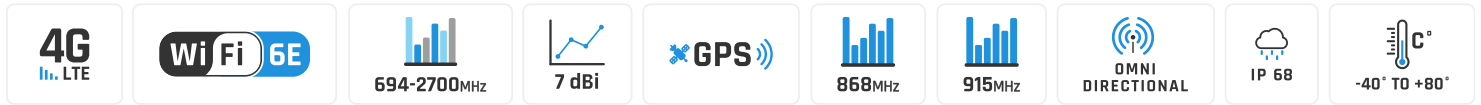
# QuSpot for Option CloudGate

**INTEGRATED MULTI-BAND LTE OMNI ANTENNA + WIFI OMNI ANTENNA + LORA OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL OPTION CLOUDGATE (ALL-IN-ONE)**

QuSpot omni LTE antenna for Option CloudGate router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded also omni Wi-Fi, GPS and omni LoRa antenna. If you use CloudGate with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.


Wi-Fi 6E support!

The set contains a [PoE splitter](#), allowing you to split data and power from a single Ethernet cable.

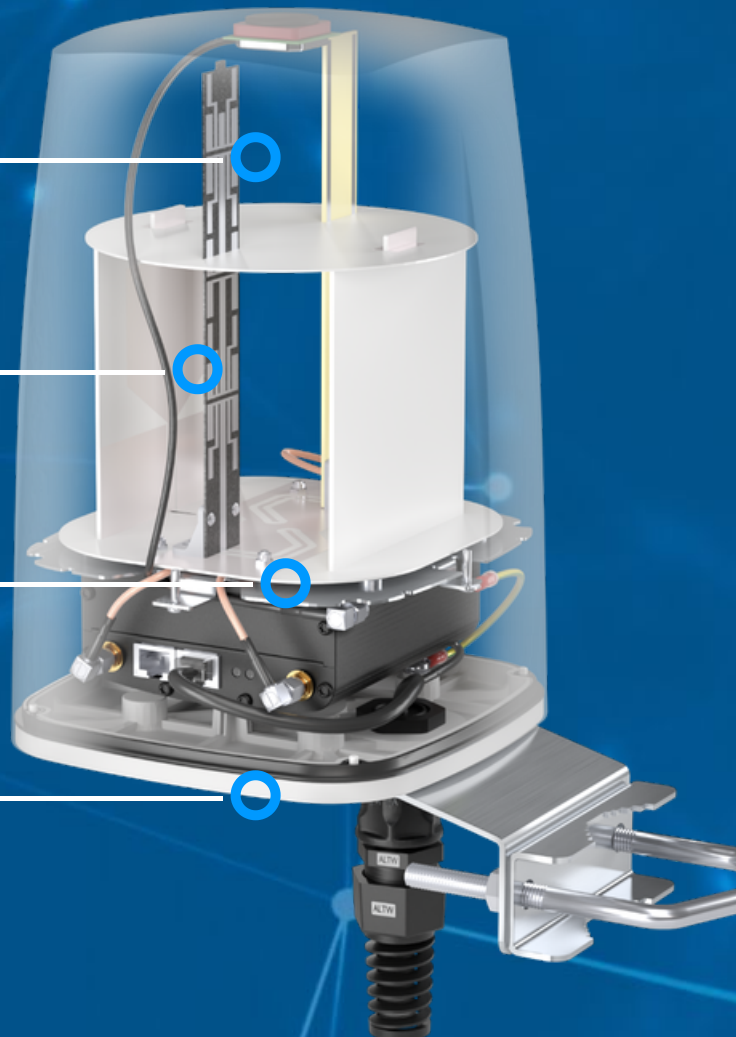


 **OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP68**

 **ANTENNA PERFECTLY MATCHED WITH THE OPTION CLOUDGATE**

 **ALL ANTENNAS AND OPTION ROUTER INTEGRATED IN ONE ENCLOSURE**

 **MADE IN EUROPE**



## LTE SPECIFICATION

<b>FREQUENCY</b>	0.694-0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
<b>GAIN</b>	0.694 - 0.96 GHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
<b>VSWR</b>	<1.60, max <2.00
<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 5.0 - 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 Ω

## LORA SPECIFICATION

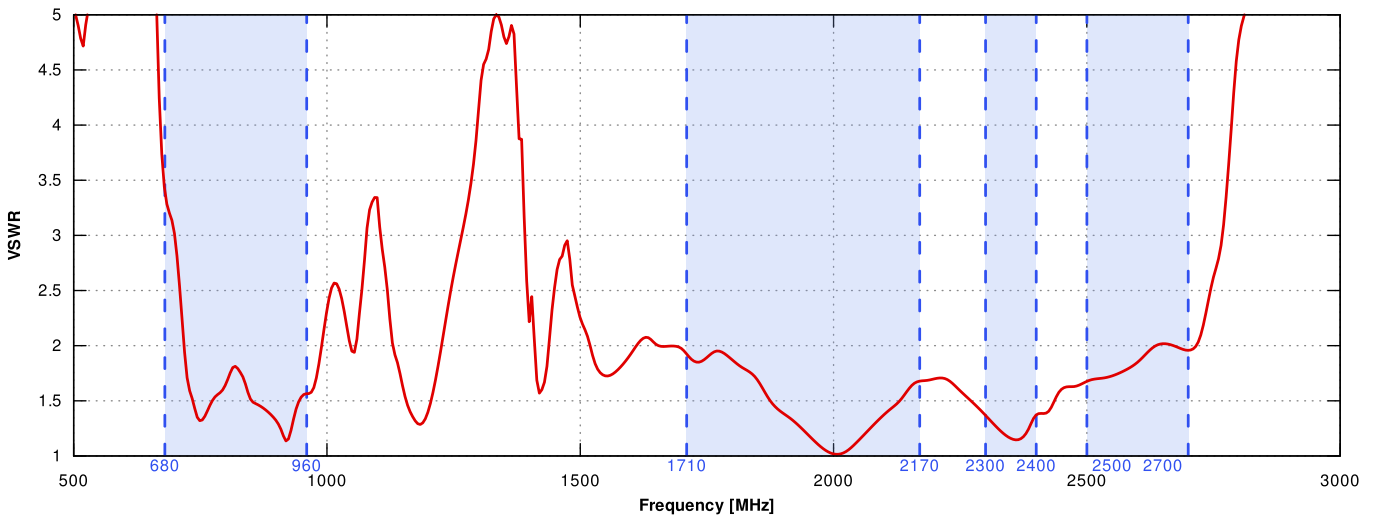
<b>FREQUENCY</b>	840-940 MHz (EU868, IN865, RU864, US915, AU915, AS923, KR920)
<b>GAIN</b>	3 dBi
<b>VSWR</b>	<1.20, max <2.00
<b>BEAMWIDTH</b>	360°/70° ±10°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω
<b>FRONT TO BACK</b>	>17 dB

## MECHANICAL SPECIFICATION

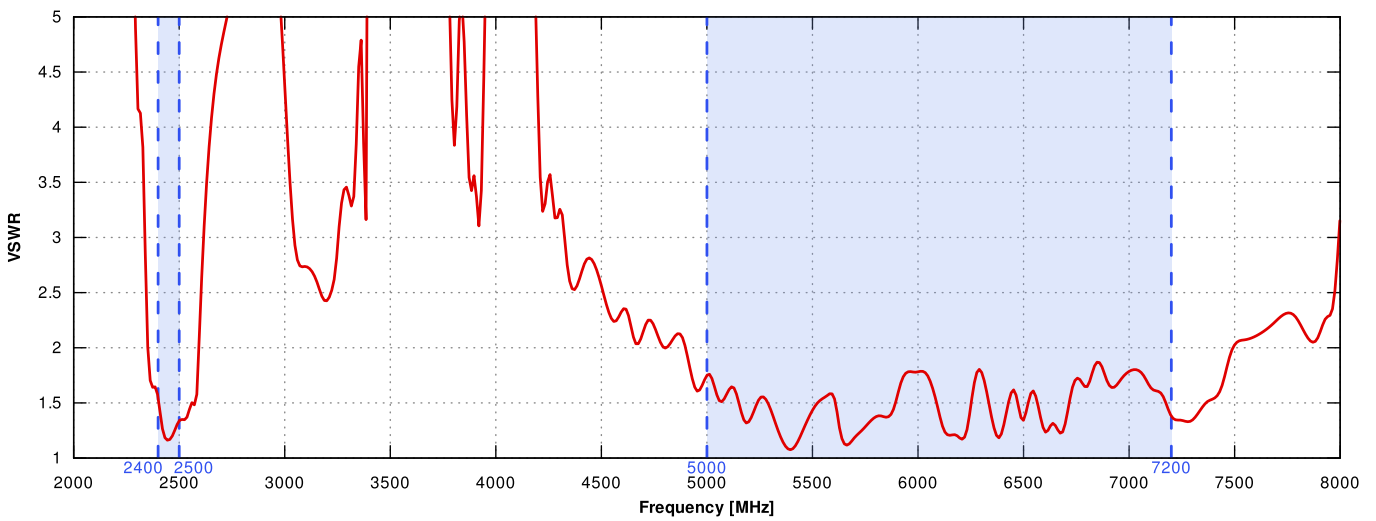
<b>MATERIAL</b>	ABS, aluminum, PTFE, FR4
<b>INGRESS PROTECTION</b>	IP68
<b>CONNECTOR TYPE</b>	RJ45
<b>DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0.5 - 0.7 Nm
<b>MAST DIAMETER</b>	25-66 mm 0.98-2.60 inch

## **PLOTS**

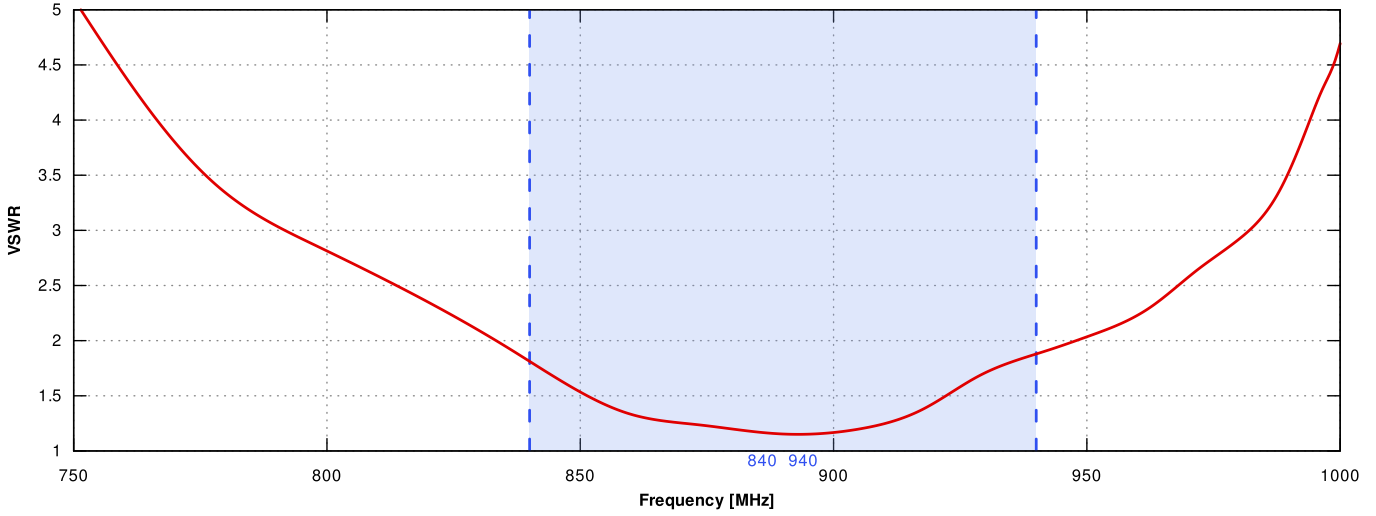
VSWR for LTE antenna



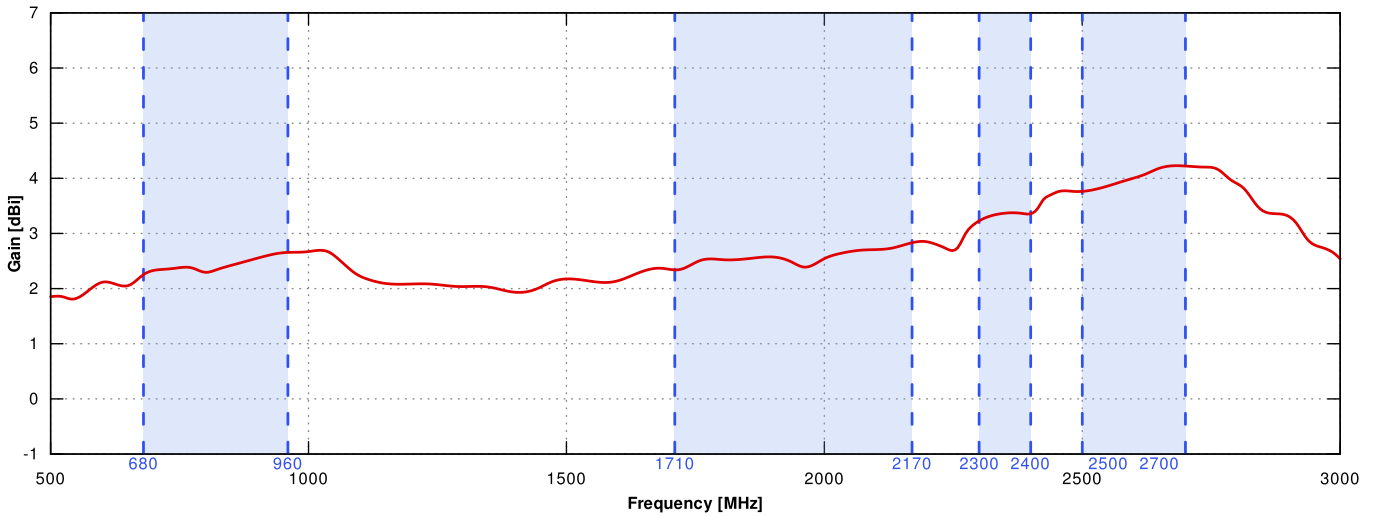
VSWR for Wi-Fi antenna



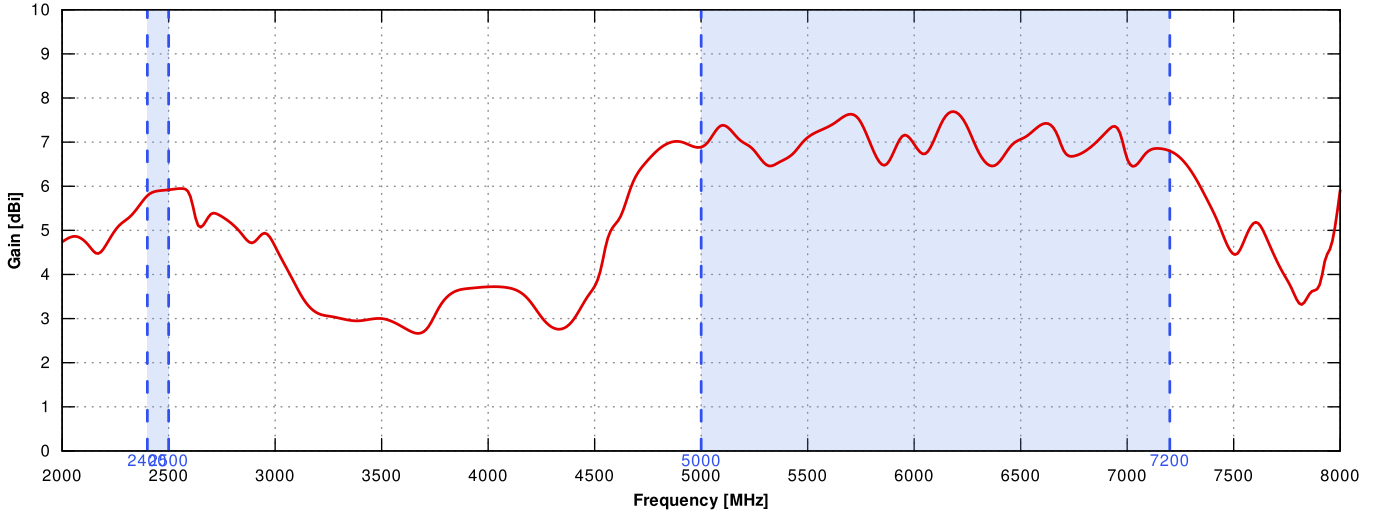
VSWR for LoRa antenna



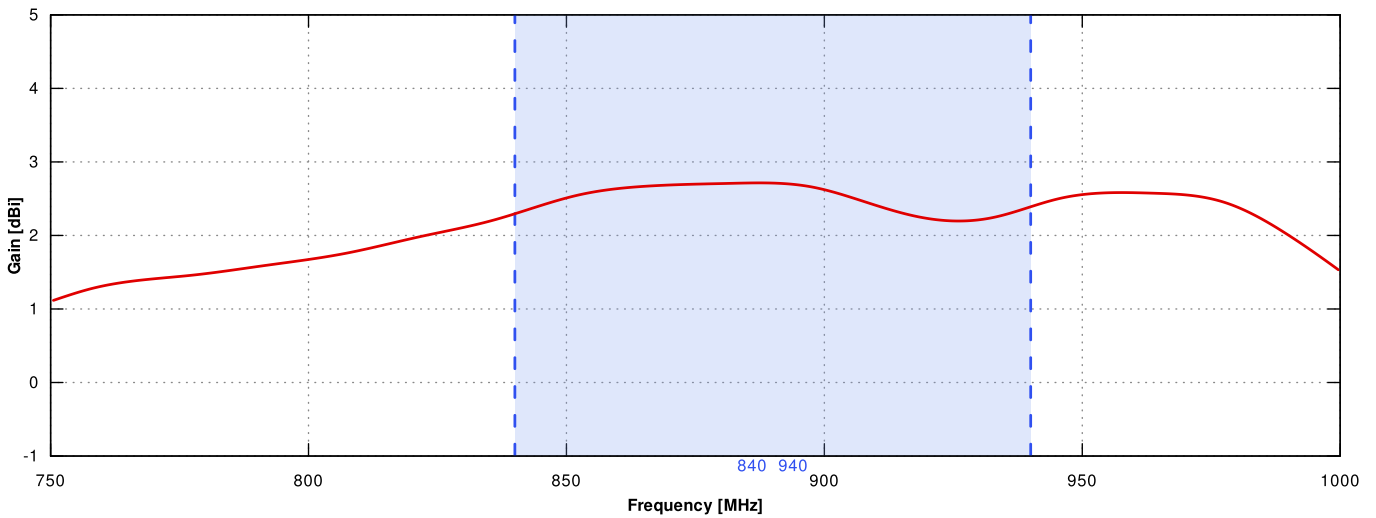
Gain for LTE antenna



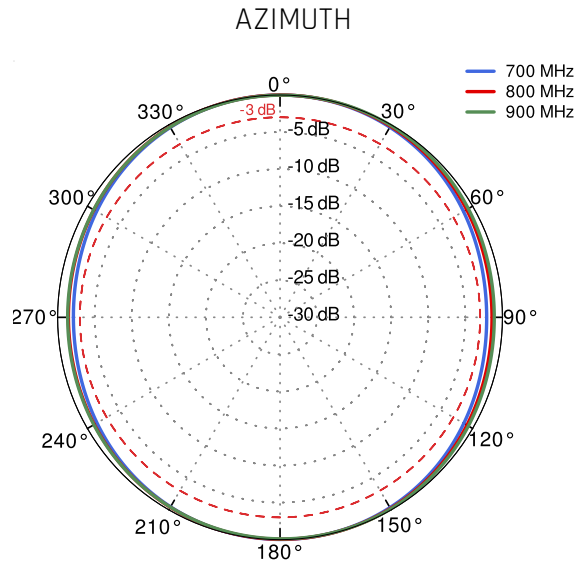
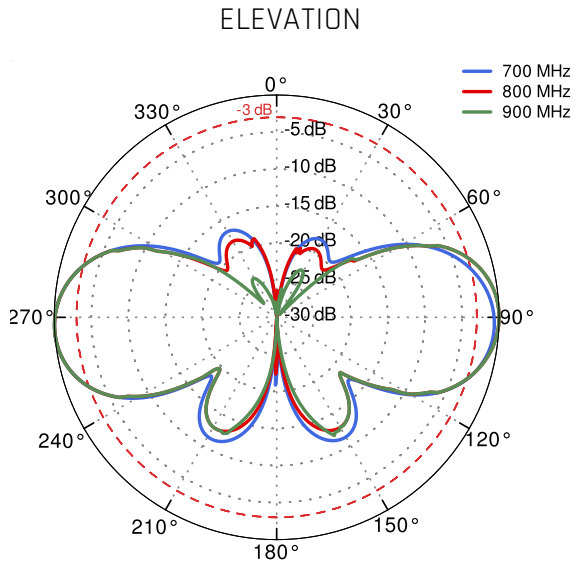
### Gain for Wi-Fi antenna



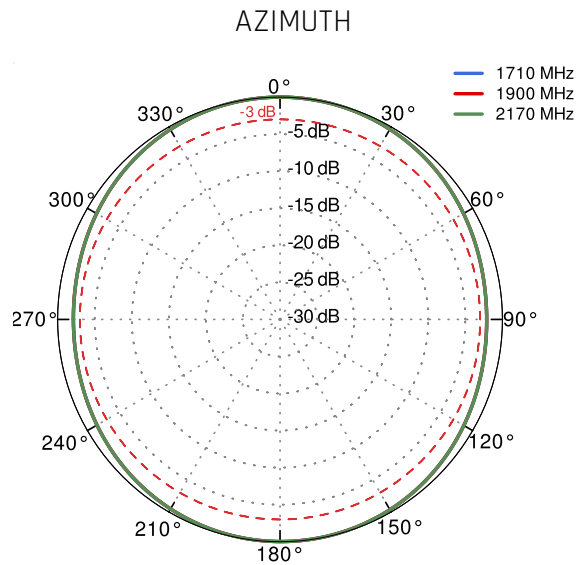
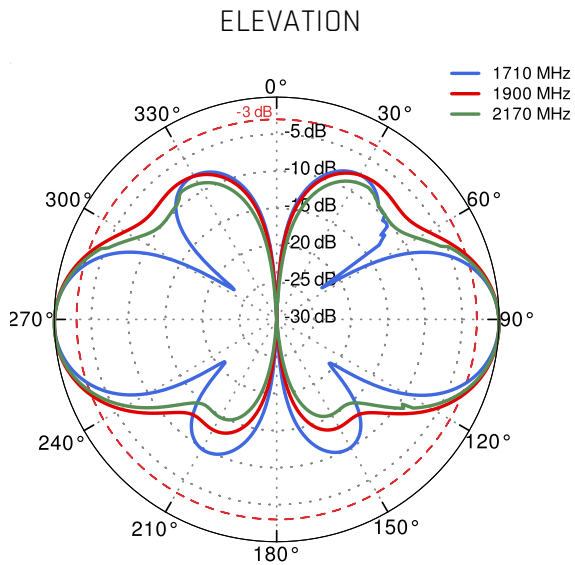
### Gain for LoRa antenna



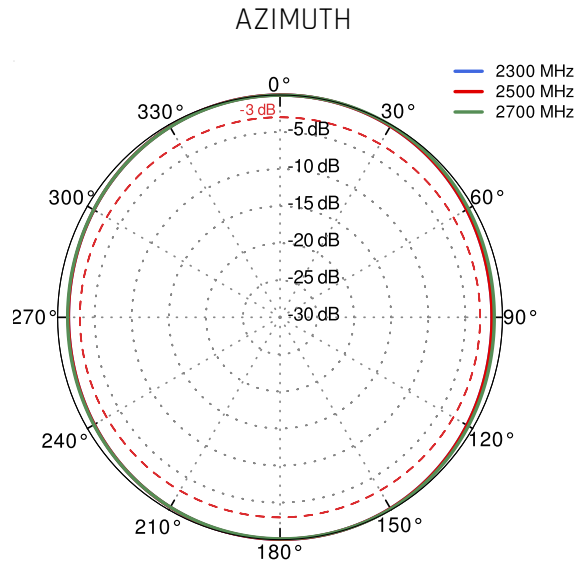
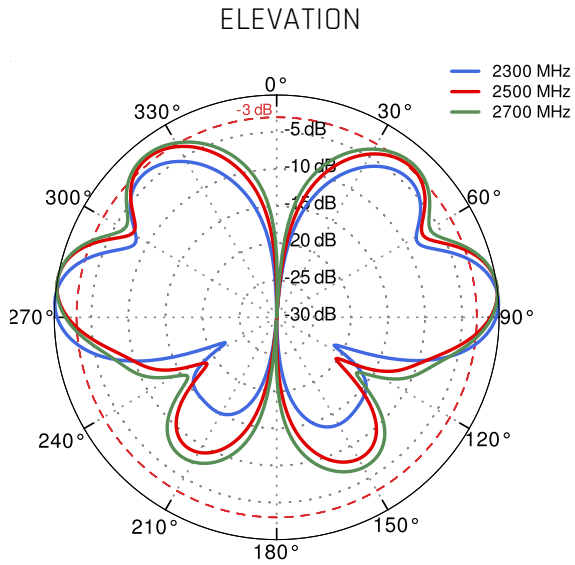
### LTE from 700MHz to 900MHz



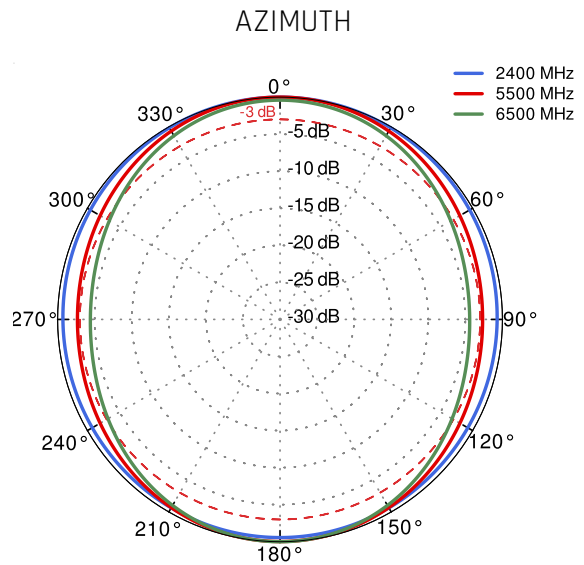
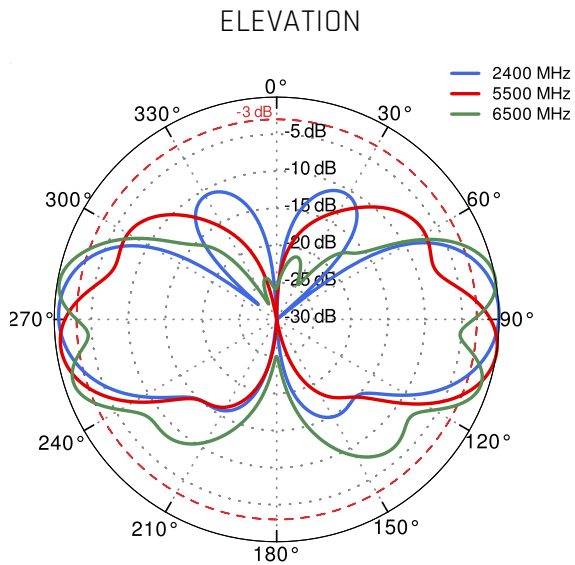
### LTE from 1.71GHz to 2.17GHz



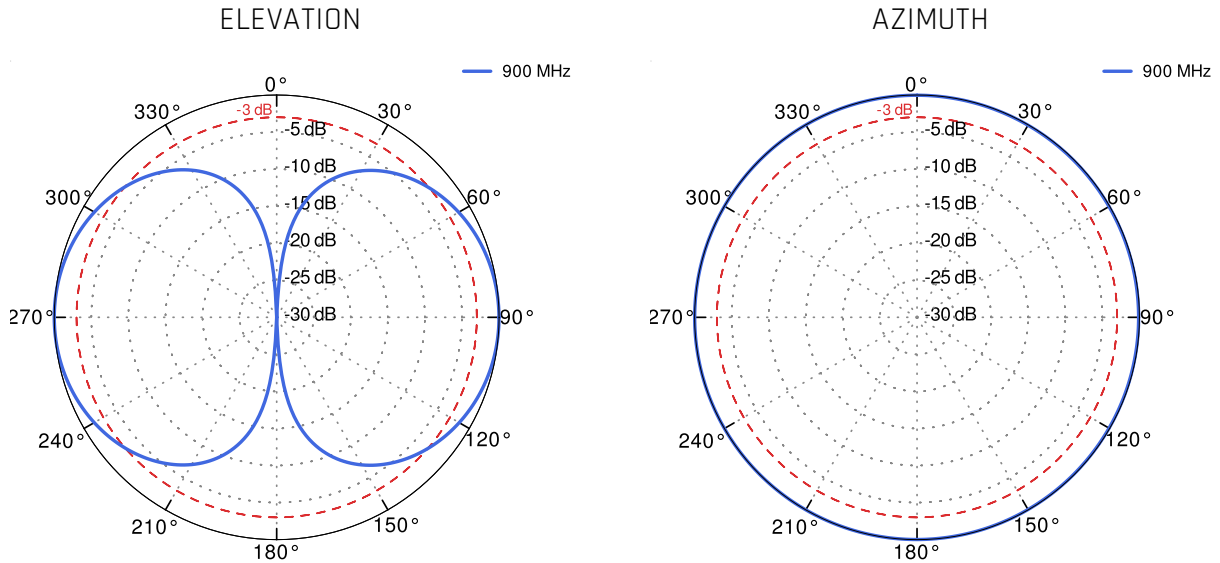
LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



## LoRa 840 to 940 MHz



## DIMENSIONS

