

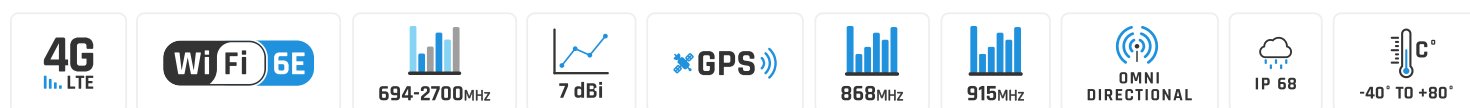
# QuSpot for Option CloudGate

**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



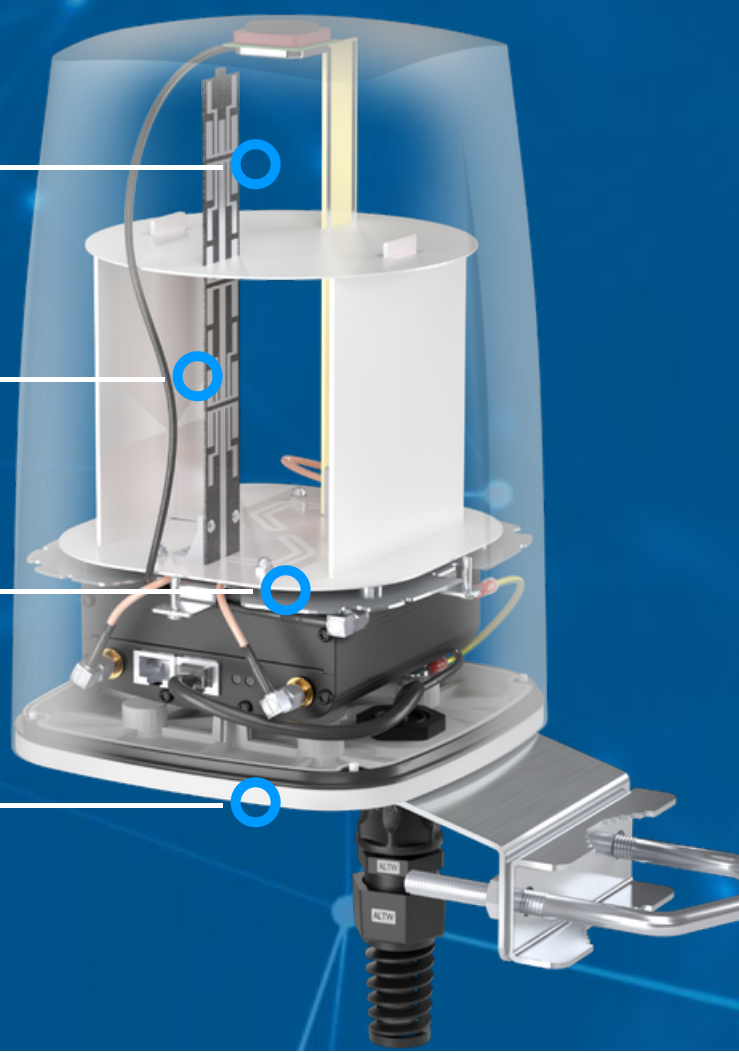
ANTENNA PERFECTLY MATCHED WITH  
THE OPTION CLOUDGATE



ALL ANTENNAS AND OPTION ROUTER  
INTEGRATED IN ONE ENCLOSURE



MADE IN **EUROPE**



## LTE SPECIFICATION

FREQUENCY	0.694-0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
SUPPORTED LTE/5G BANDS	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
GAIN	0.694 - 0.96 GHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	< 1.50, max < 2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## LORA SPECIFICATION

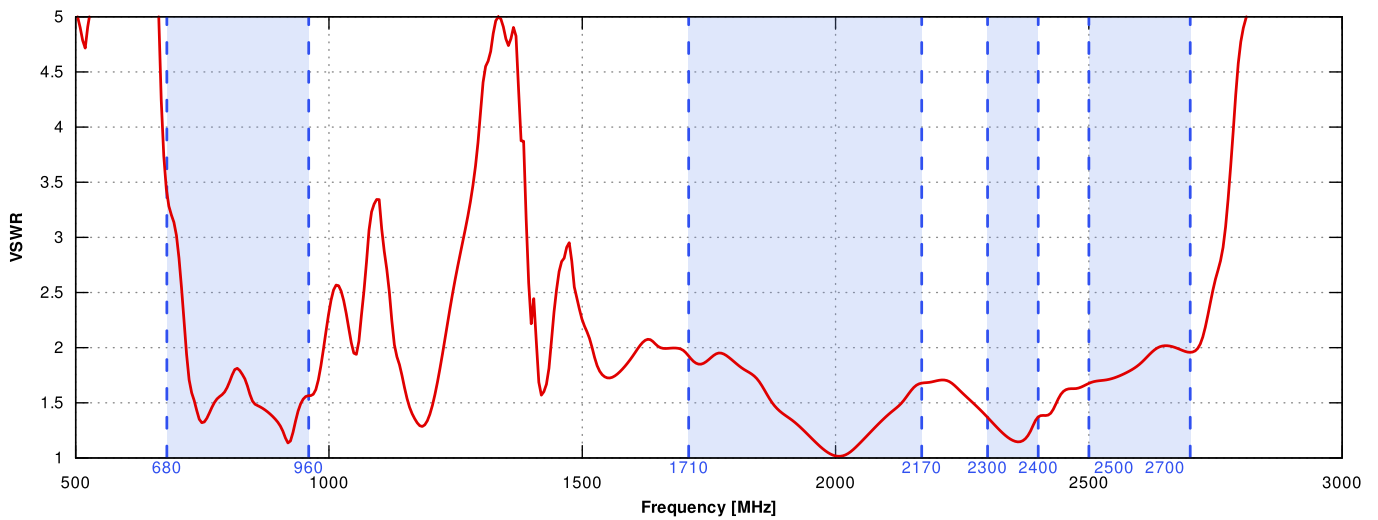
FREQUENCY	840-940 MHz (EU868, IN865, RU864, US915, AU915, AS923, KR920)
GAIN	3 dBi
VSWR	<1.20, max <2.00
BEAMWIDTH	360°/70° ±10°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$
FRONT TO BACK	>17 dB

## MECHANICAL SPECIFICATION

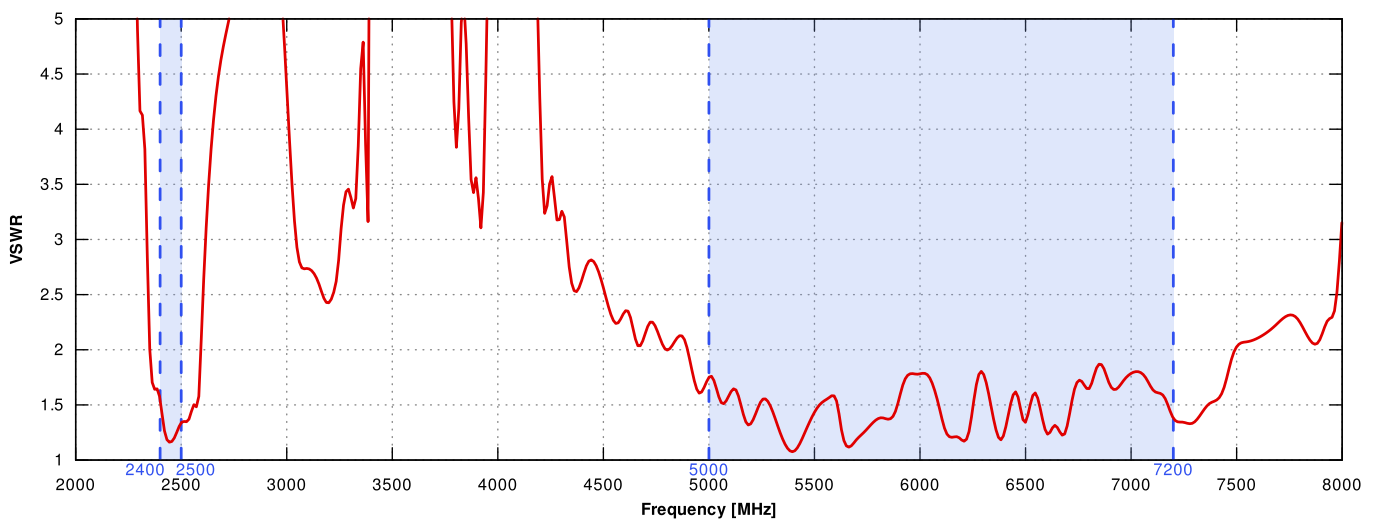
MATERIAL	ABS, aluminum, PTFE, FR4
INGRESS PROTECTION	IP68
CONNECTOR TYPE	RJ45
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm
MAST DIAMETER	25-66 mm 0.98-2.60 inch

## **PLOTS**

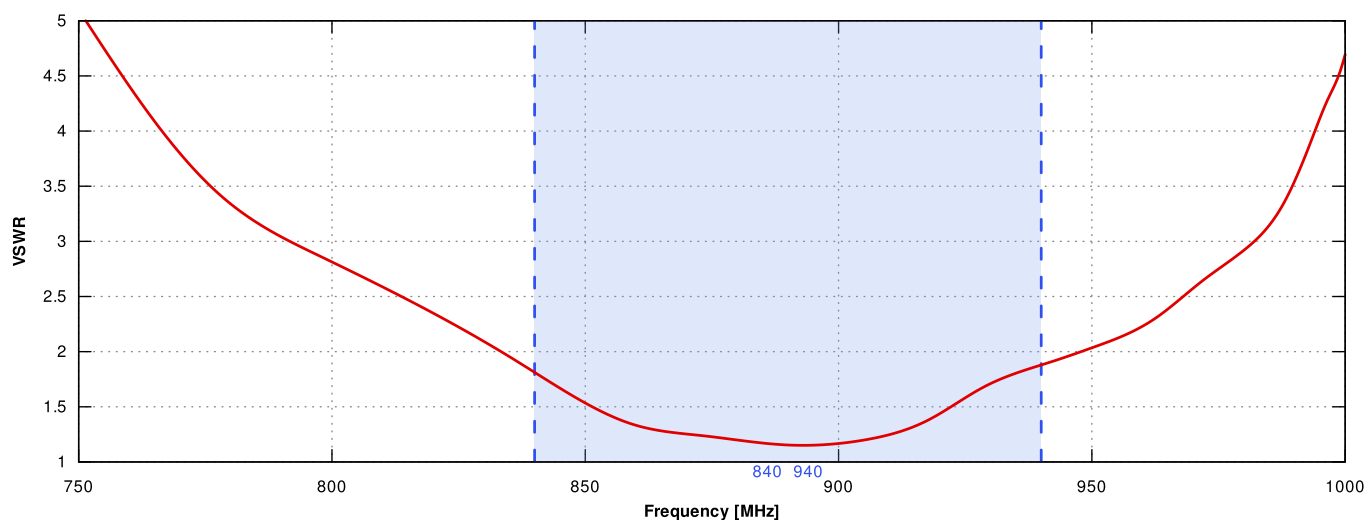
VSWR for LTE antenna



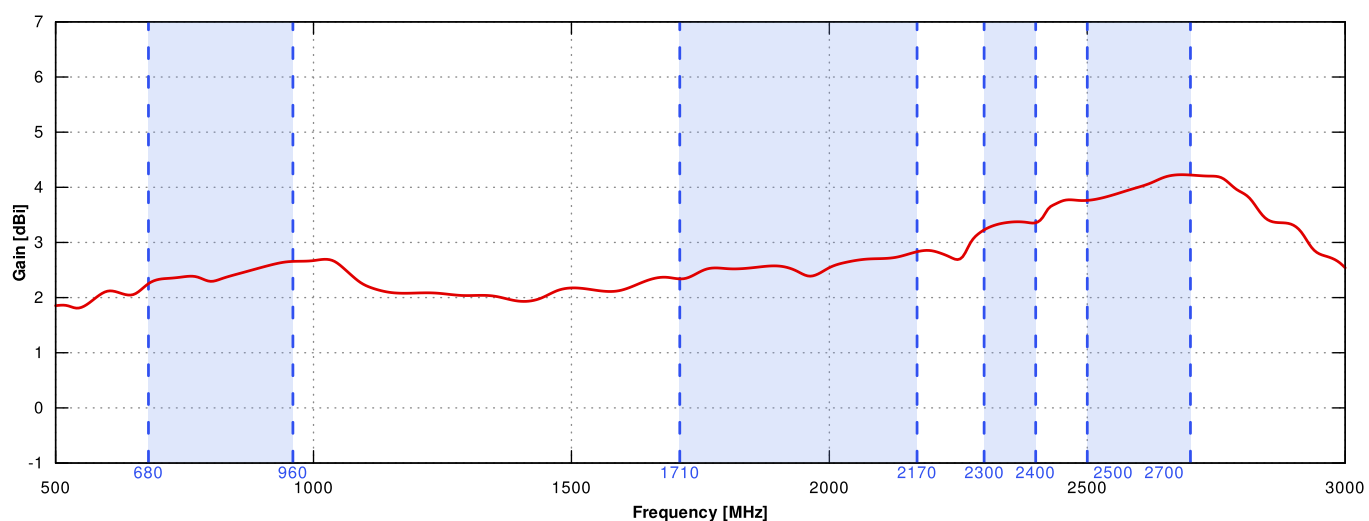
VSWR for Wi-Fi antenna



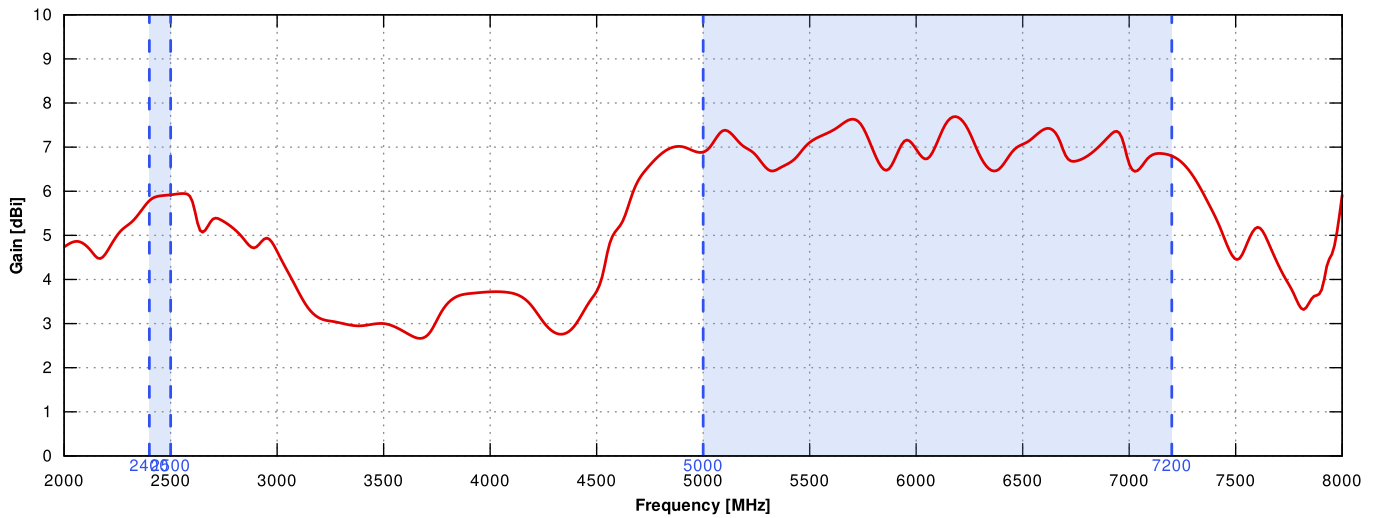
## VSWR for LoRa antenna



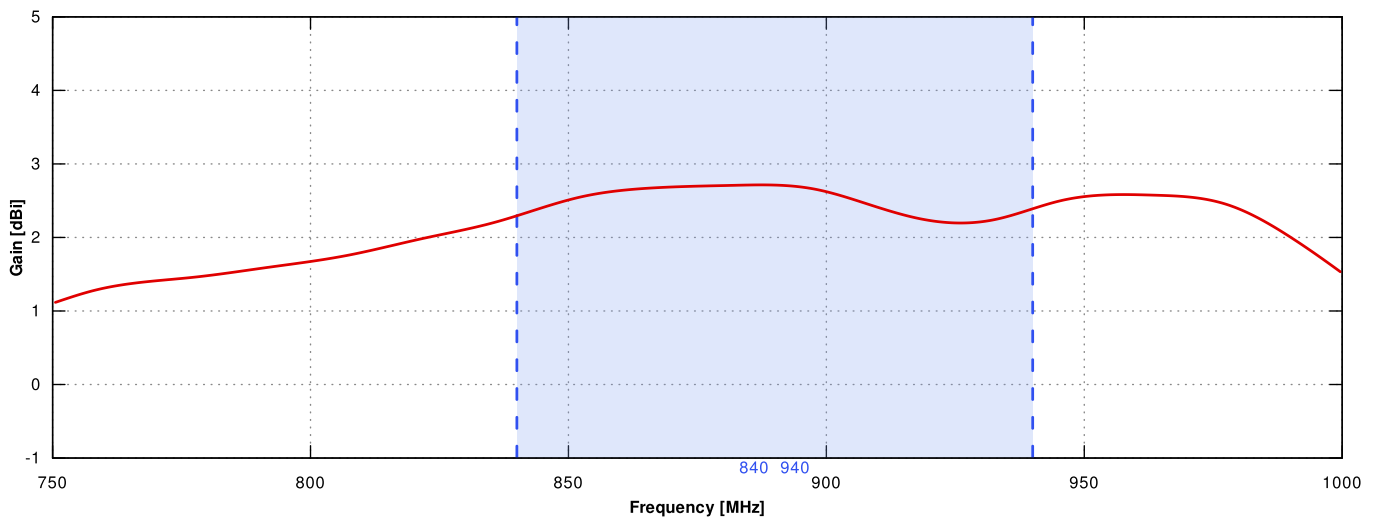
## Gain for LTE antenna



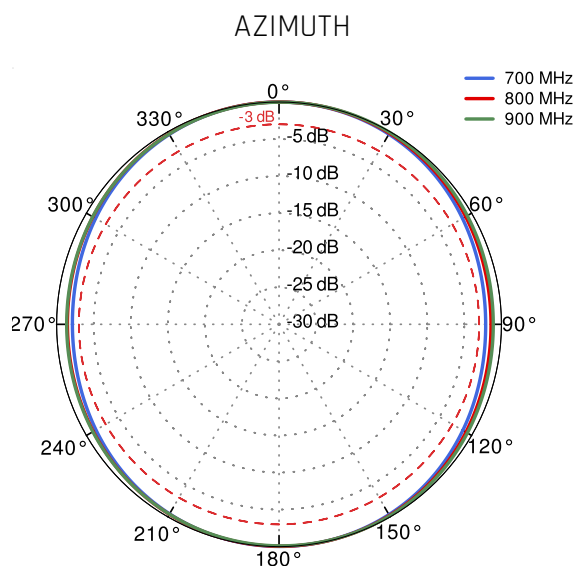
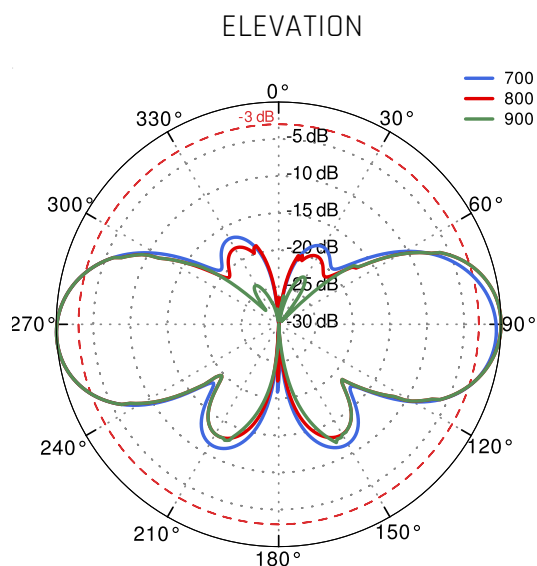
## Gain for Wi-Fi antenna



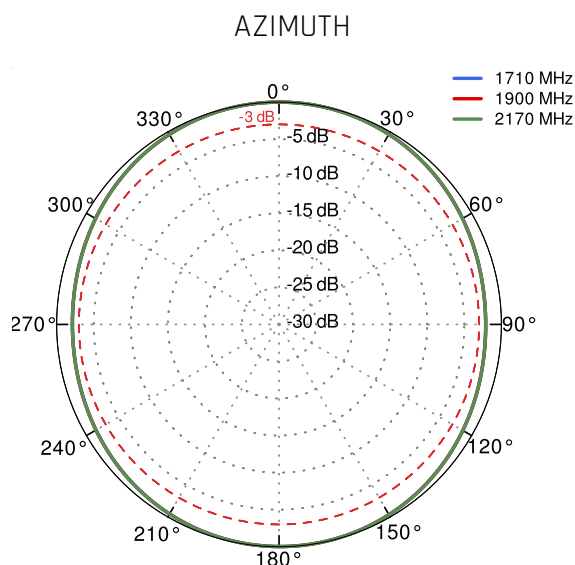
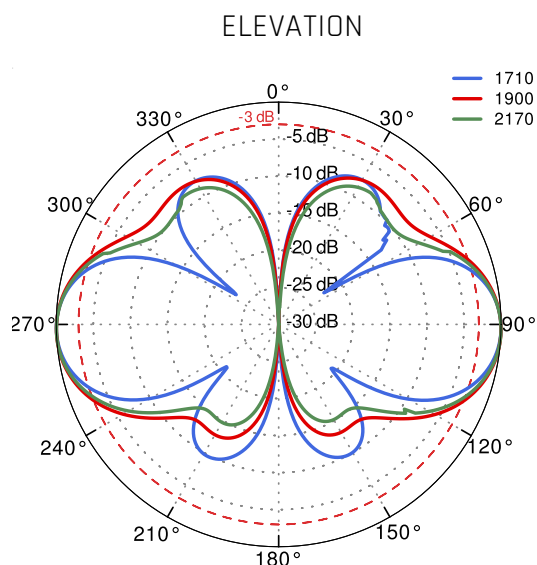
## Gain for LoRa antenna



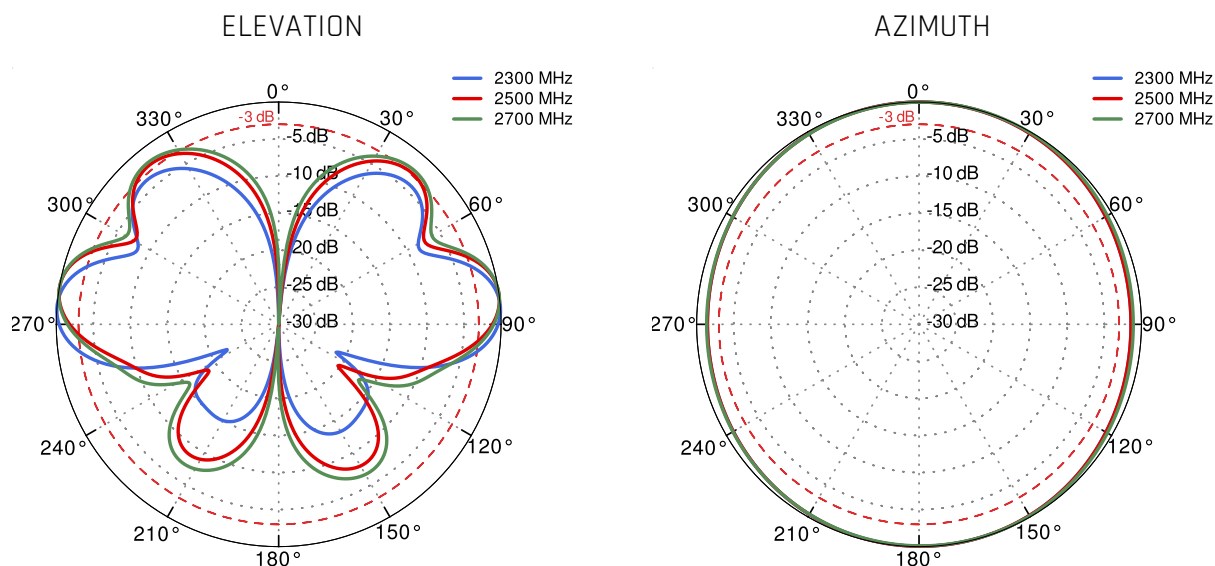
## LTE from 700MHz to 900MHz



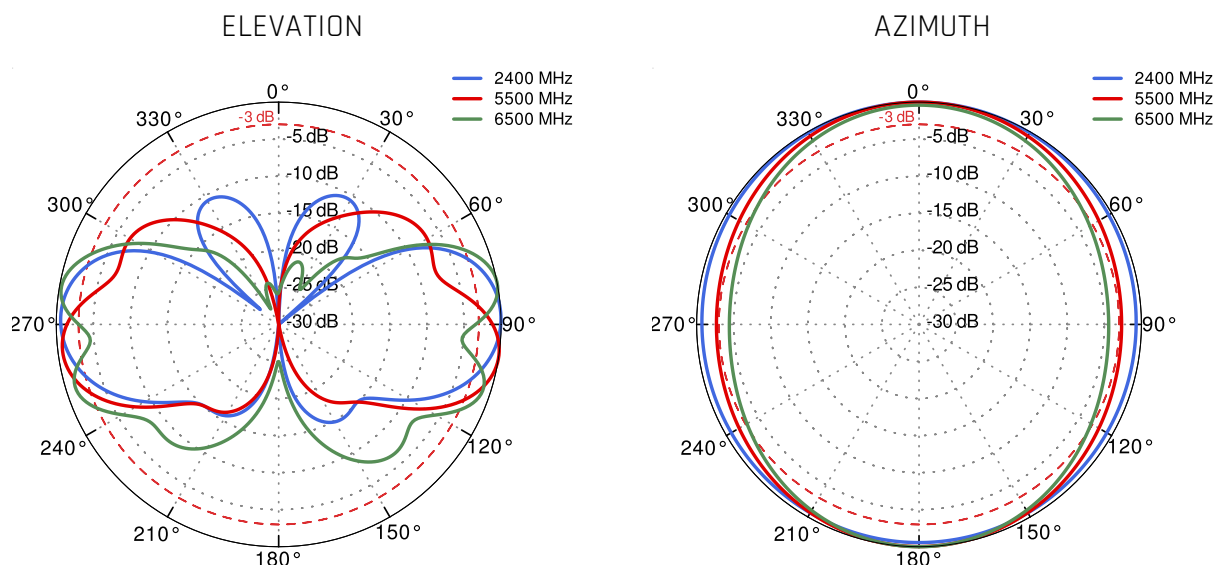
## LTE from 1.71GHz to 2.17GHz



## LTE from 2.3GHz to 2.7GHz

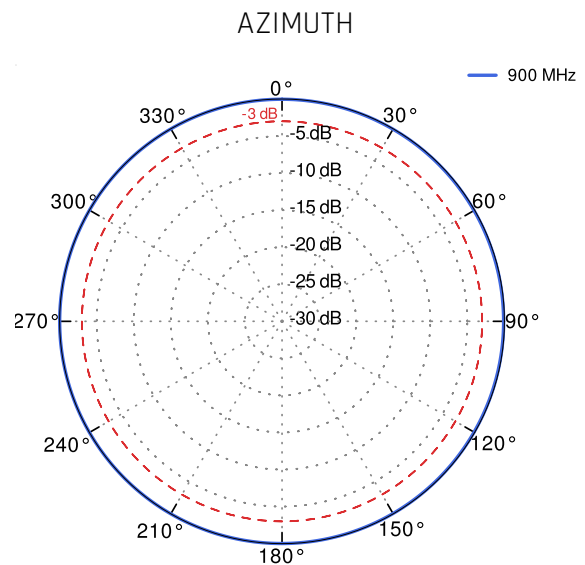
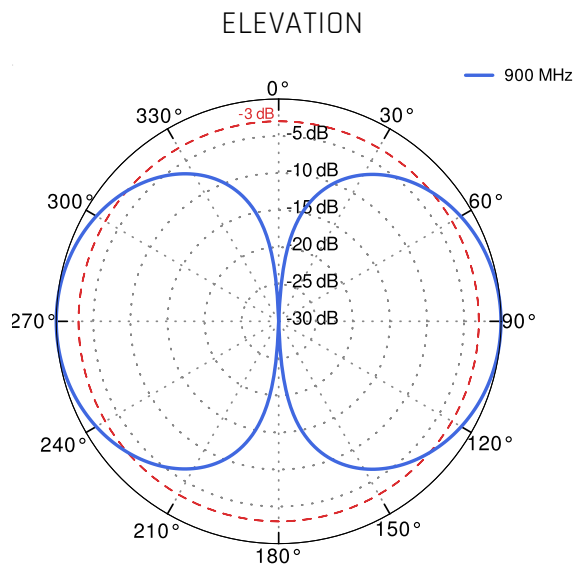


## Wi-Fi 2.4GHz and 5GHz and 6GHz





LoRa 840 to 940 MHz



## DIMENSIONS

