

# QuSpot for Teltonika

## RUT951/RUT950/RUT901/RUT900

**Integrated multi-band LTE omni antennas + WiFi omni antennas + place to install Teltonika RUT951, RUT950 or 900 (All-in-one)**

QuSpot omni LTE antenna for Teltonika **RUT951, RUT950, RUT901** or **RUT900** 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 antennas.** If you use **RUT951, RUT950, RUT901** or **RUT900** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

**4G**  
LTE**Wi Fi** 2.4GHz  
694-2700MHz  
6 dBi  
OMNI  
DIRECTIONAL  
IP 68  
-40° TO +80°

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



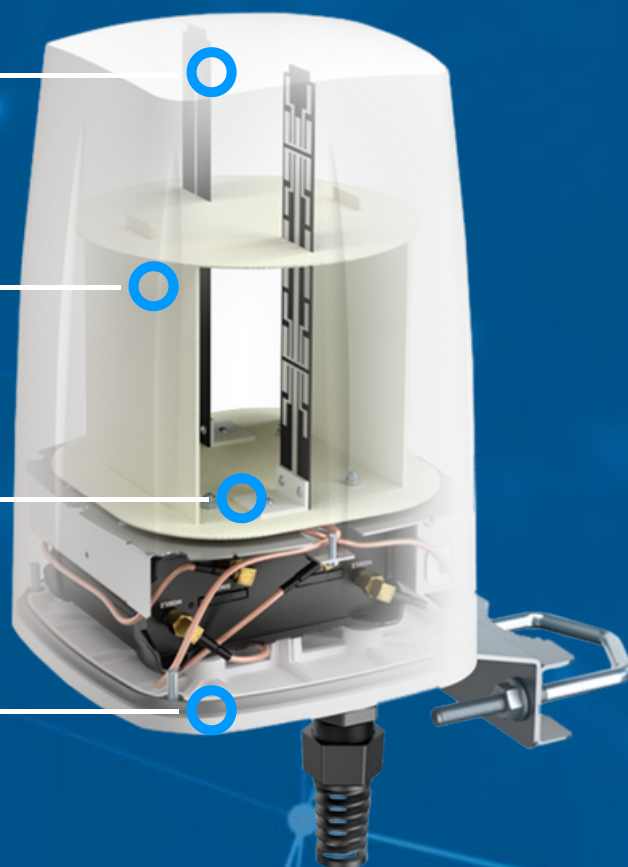
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



PASSIVE **POE SUPPORT**



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
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
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

## WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz
GAIN	6 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP68
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 80°C From -40°F to 176°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

## FREQUENCY BANDS

The diagram illustrates two sets of frequency bands for LTE / 4G. The top section, labeled 'LTE / 4G GSM', shows a 694 MHz band on the left and a 960 MHz band on the right. The 694 MHz band includes channels 5, 6, 8, 12, 13, 14, 17, 18, 19, 20, 26, 27, 28, 29, 44, 67, 68, 85, n81, n82, n83, and n89. The 960 MHz band includes channels 1, 2, 3, 4, 9, 10, 25, 33, 34, 35, 36, 37, 39, 59, 62, n80, n84, n85, and n95. The bottom section, labeled 'LTE / 4G UMTS', shows a 1710 MHz band on the left and a 2170 MHz band on the right. The 1710 MHz band includes channels 1, 2, 3, 4, 9, 10, 25, 33, 34, 35, 36, 37, 39, 59, 62, n80, n84, n85, and n95. The 2170 MHz band includes channels 1, 2, 3, 4, 9, 10, 25, 33, 34, 35, 36, 37, 39, 59, 62, n80, n84, n85, and n95.

Band	Channels
694 MHz	5, 6, 8, 12, 13, 14, 17, 18, 19, 20, 26, 27, 28, 29, 44, 67, 68, 85, n81, n82, n83, n89
960 MHz	1, 2, 3, 4, 9, 10, 25, 33, 34, 35, 36, 37, 39, 59, 62, n80, n84, n85, n95

LTE / 4G WCS DARS

2300  
MHz

30

40

2400  
MHz

LTE / 4G

2400  
MHz

7

38

41

53

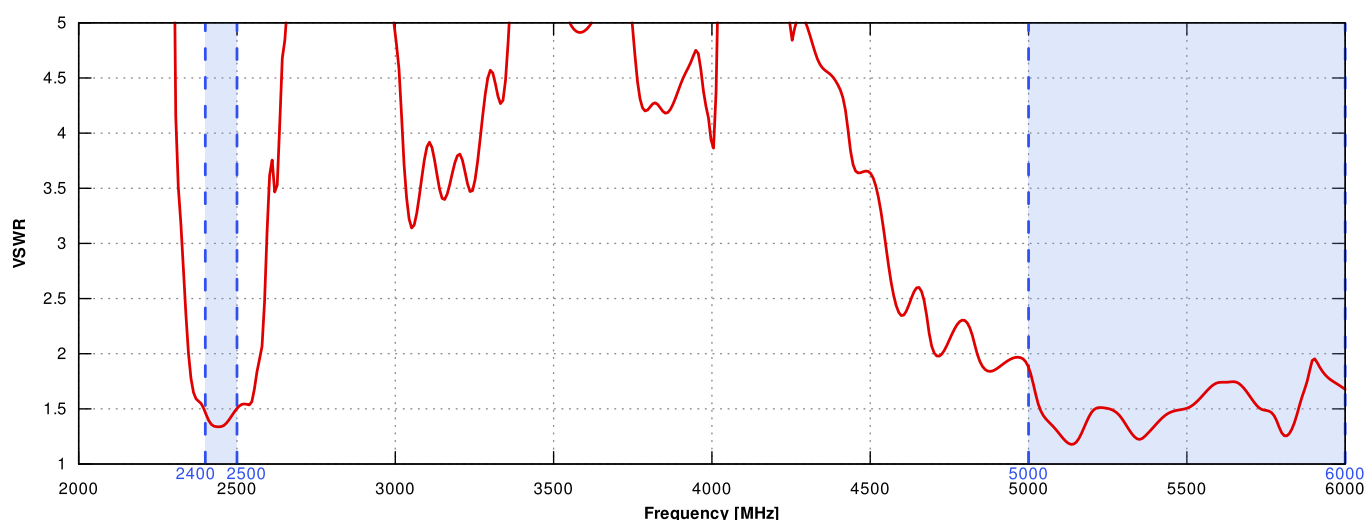
69

n90

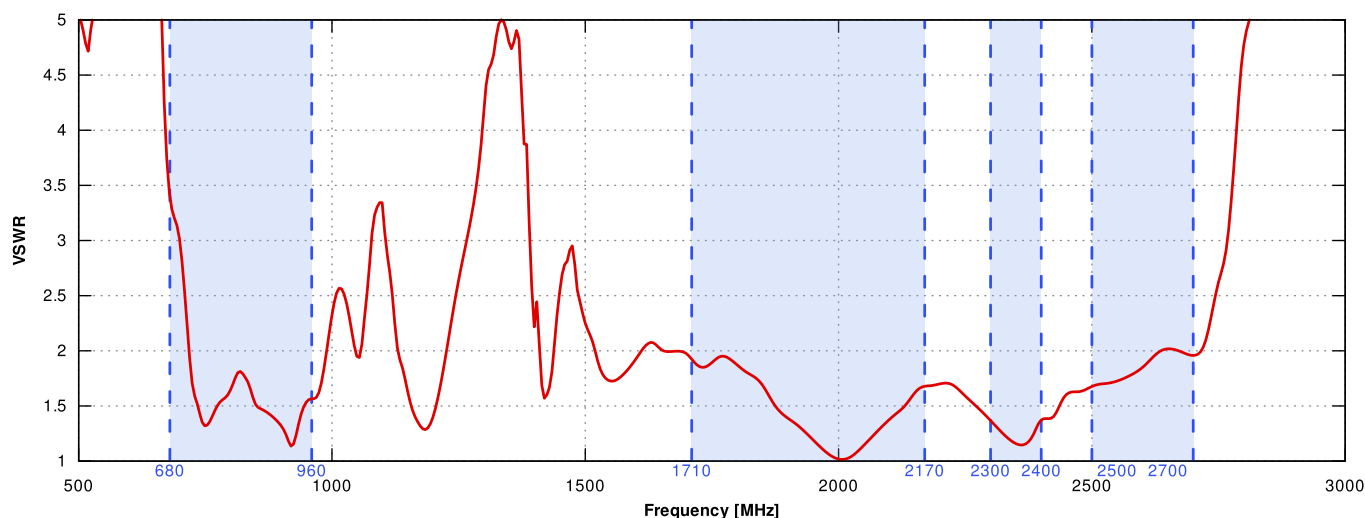
2700  
MHz

## PLOTS

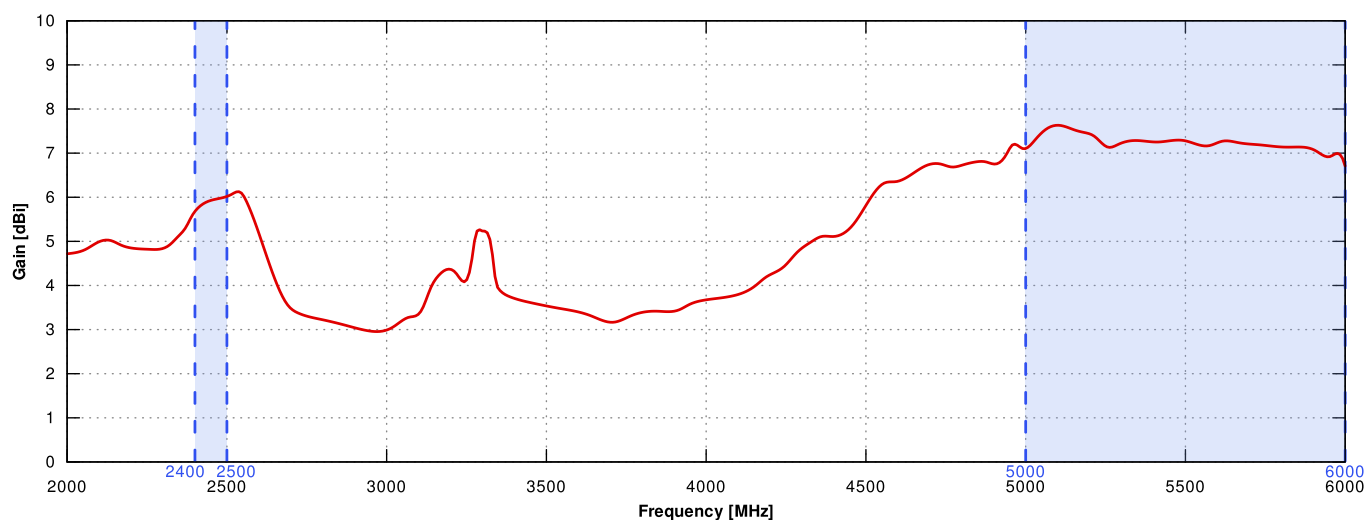
VSWR for Wi-Fi antenna



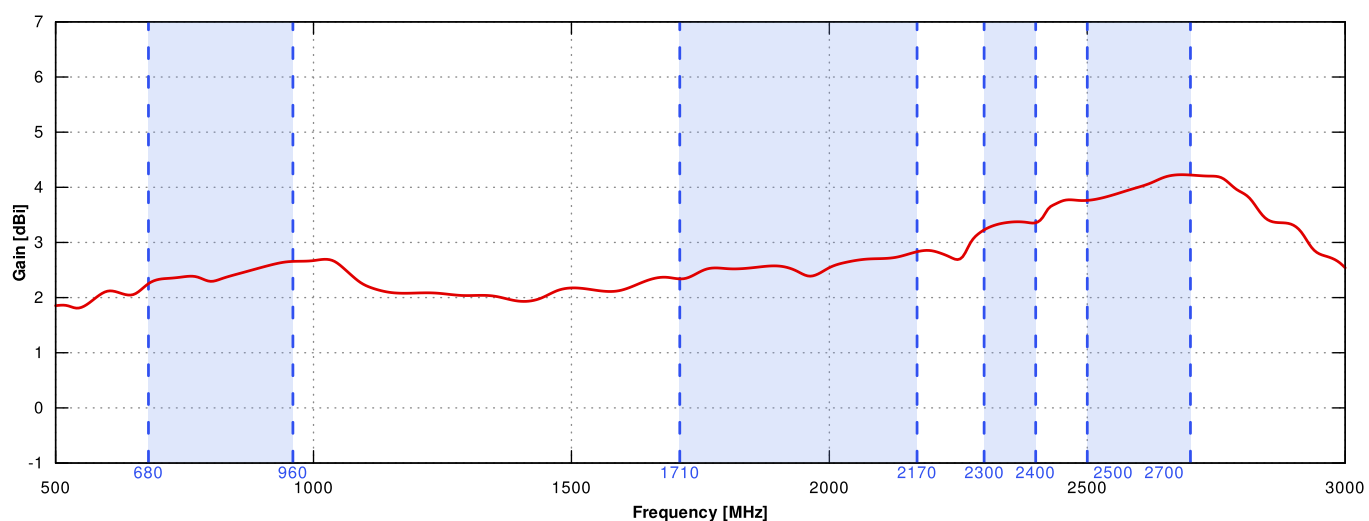
VSWS for LTE antenna



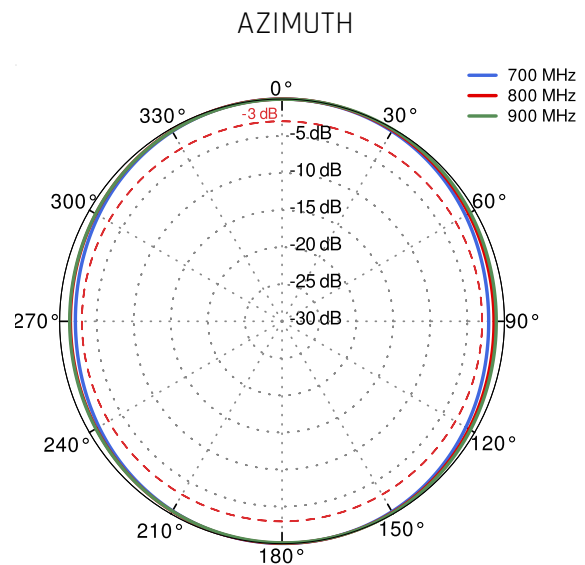
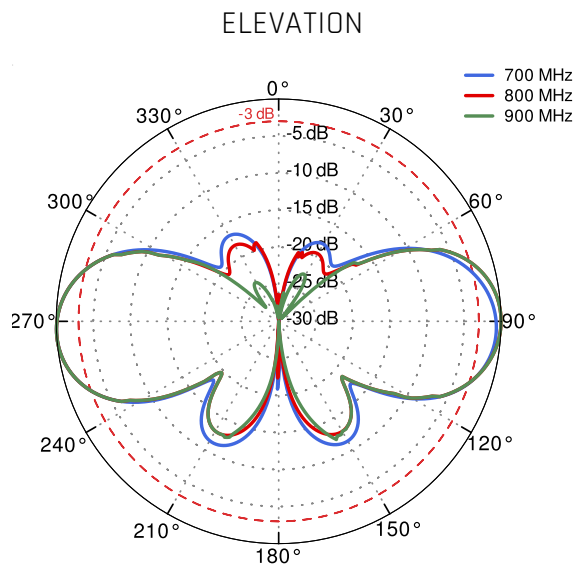
## Gain for Wi-Fi antenna



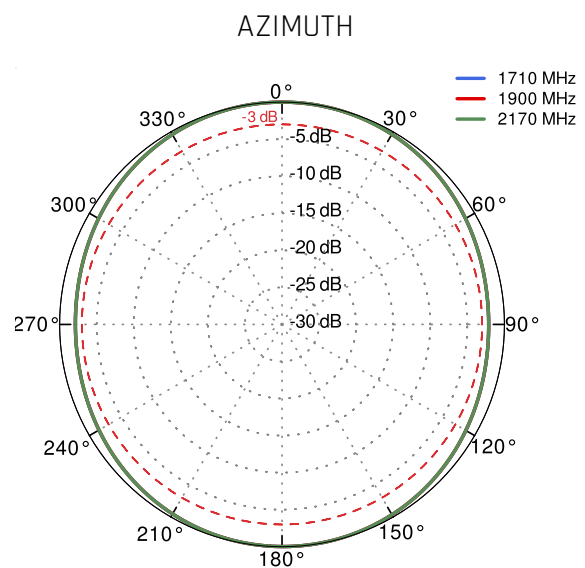
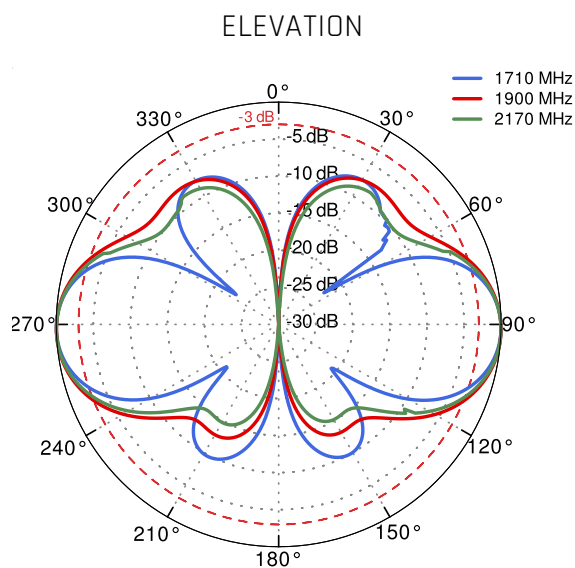
## Gain for LTE antenna



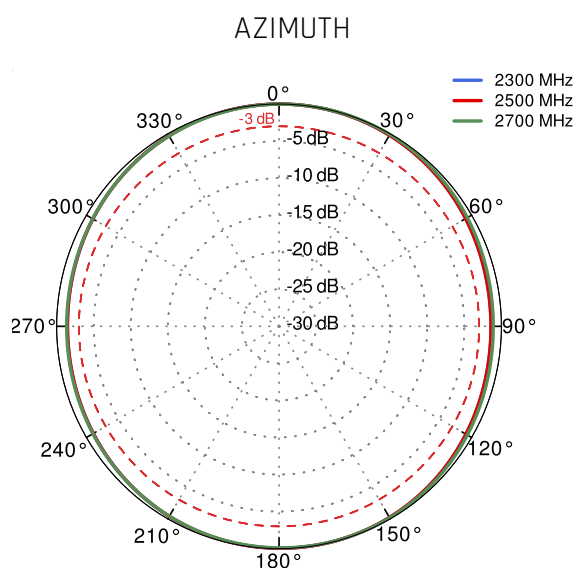
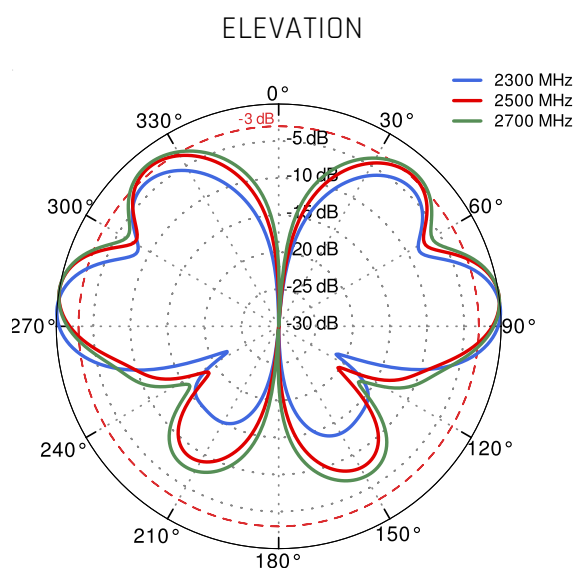
## LTE from 700MHz to 900MHz



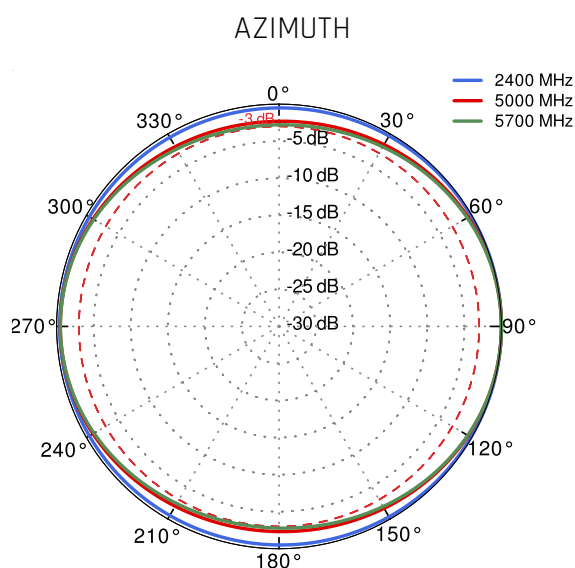
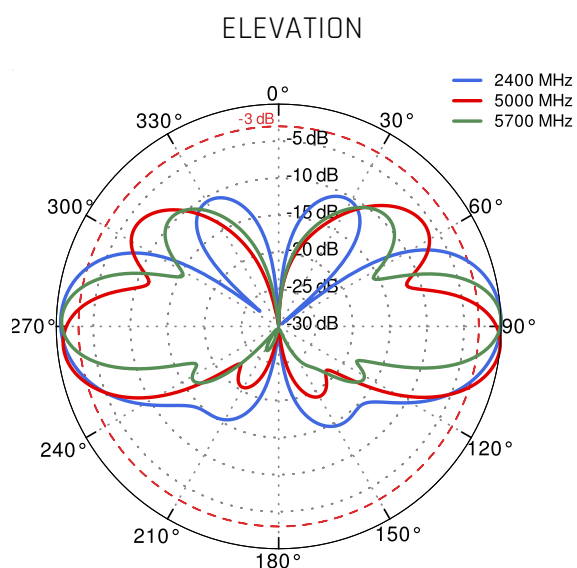
## LTE from 1.71GHz to 2.17GHz



## LTE from 2.3GHz to 2.7GHz



## Wi-Fi 2.4GHz and 5GHz



## DIMENSIONS

