

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 67
-40° TO +80°

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



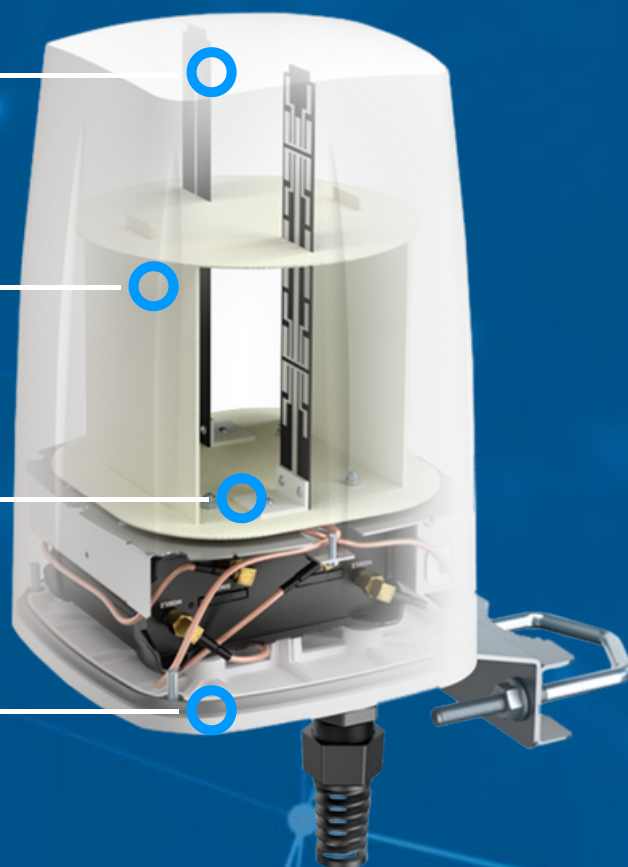
ANTENNA **PERFECTLY MATCHED** WITH
THE ROUTER



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	IP67
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 the frequency allocation for LTE / 4G GSM and LTE / 4G UMTS. It is divided into two main sections: LTE / 4G GSM (top) and LTE / 4G UMTS (bottom).

LTE / 4G GSM: This section shows a total bandwidth of 960 MHz. The frequency range is from 694 MHz to 960 MHz. The allocation is divided into two main blocks: 694 MHz to 746 MHz (50 MHz) and 746 MHz to 960 MHz (214 MHz). The 50 MHz block is further divided into 10 MHz channels (5, 6, 8, 12, 13, 14, 17) and 20 MHz channels (18, 19, 20, 26, 27, 28, 29). The 214 MHz block is divided into 10 MHz channels (44, 67, 68, 85, n81, n82, n83) and 20 MHz channels (n89).

LTE / 4G UMTS: This section shows a total bandwidth of 2170 MHz. The frequency range is from 1710 MHz to 2170 MHz. The allocation is divided into two main blocks: 1710 MHz to 1880 MHz (170 MHz) and 1880 MHz to 2170 MHz (290 MHz). The 170 MHz block is further divided into 10 MHz channels (1, 2, 3, 4, 9, 10, 25) and 20 MHz channels (33, 34, 35, 36, 37, 39, 59). The 290 MHz block is divided into 10 MHz channels (62, n80, n84, n85, n95) and 20 MHz channels (n80, n84, n85, n95).

LTE / 4G WCS DARS

2300
MHz

30

40

2400
MHz

LTE / 4G

2400
MHz

7

38

41

53

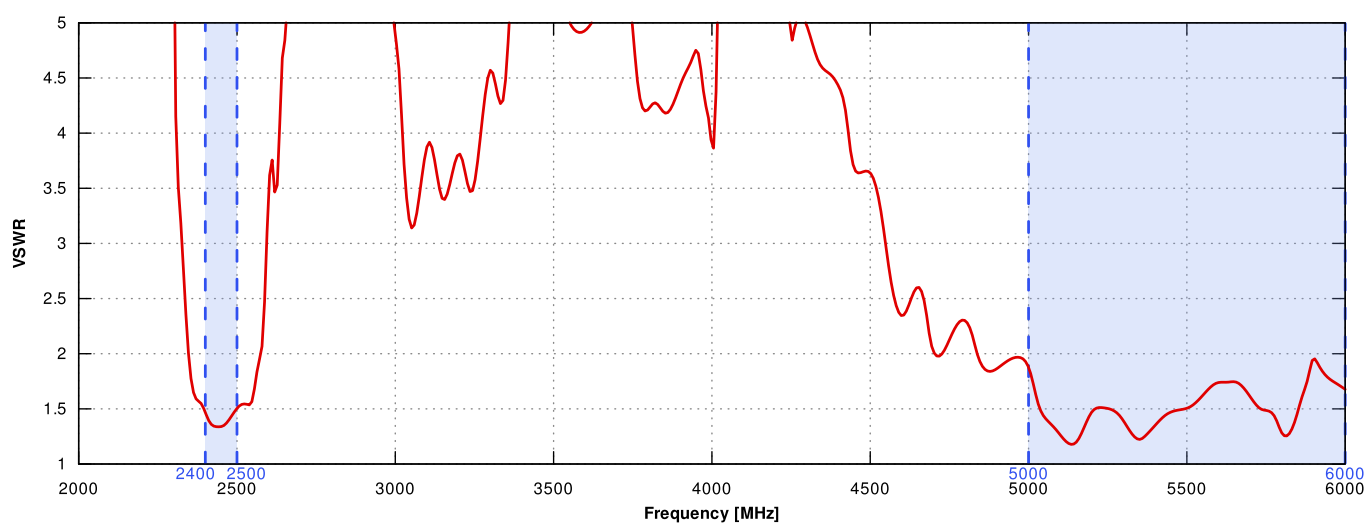
69

n90

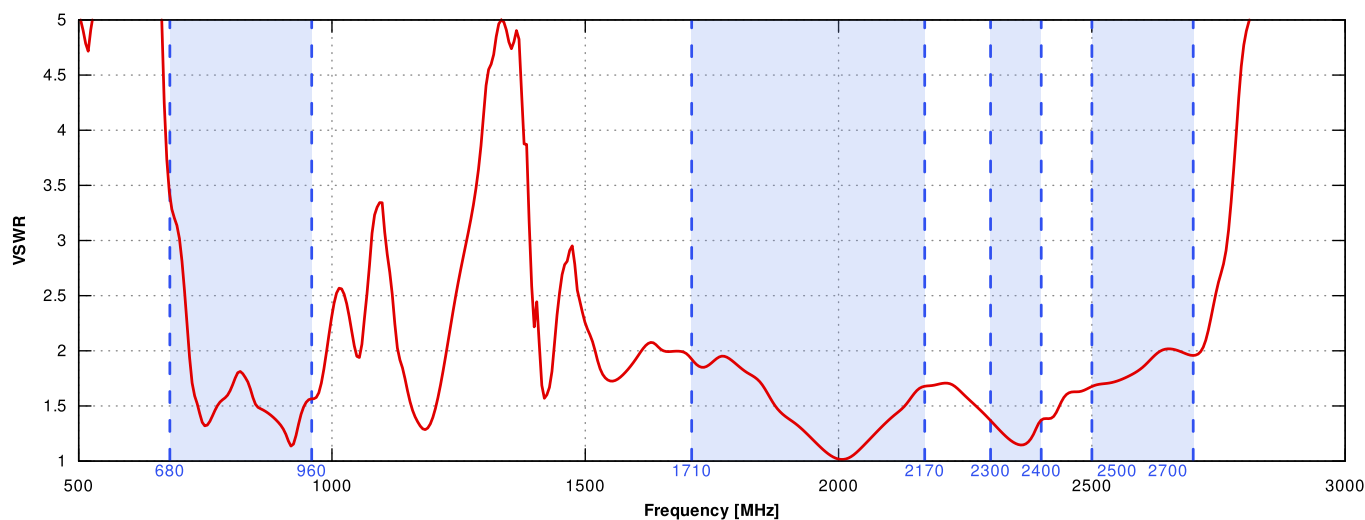
2700
MHz

PLOTS

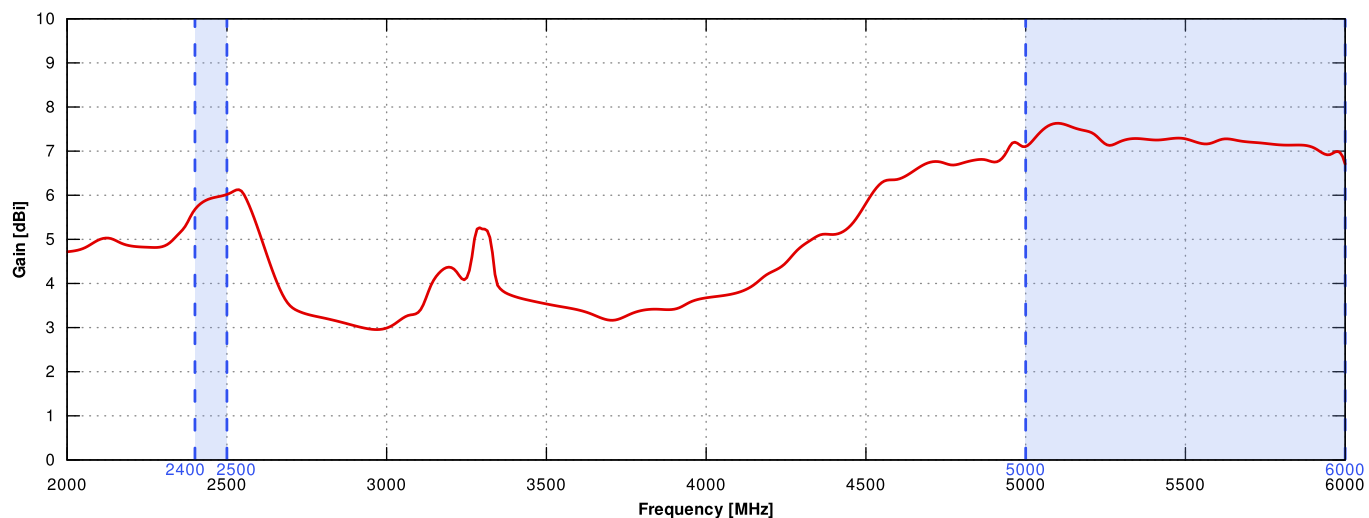
VSWR for Wi-Fi antenna



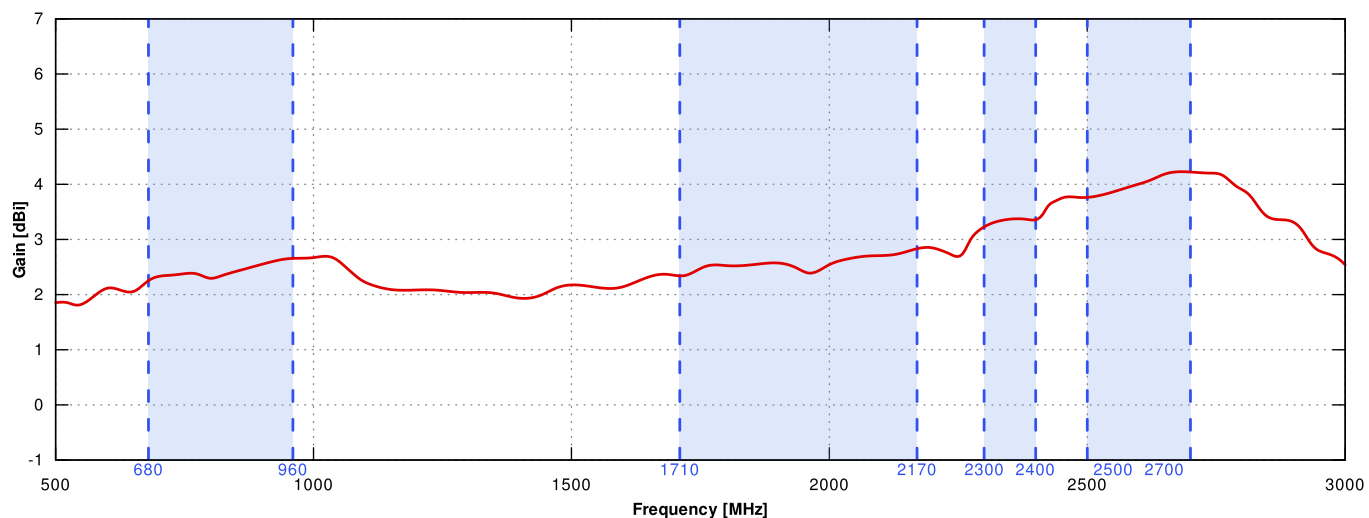
VSWSR for LTE antenna



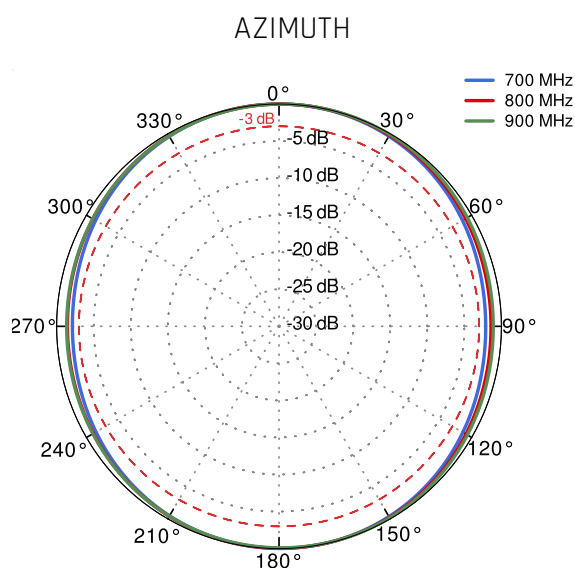
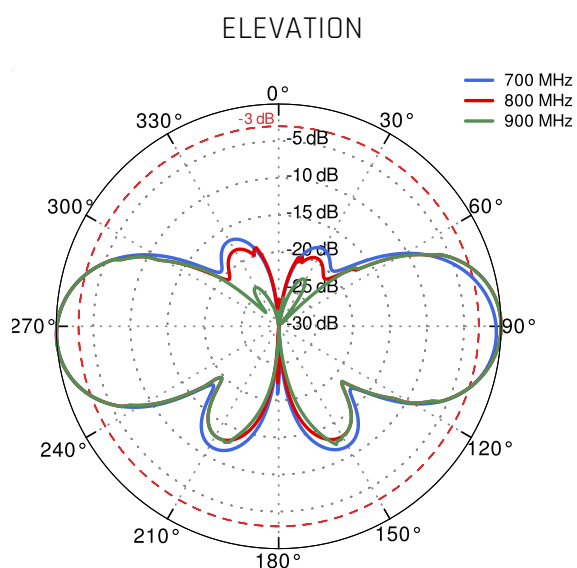
Gain for Wi-Fi antenna



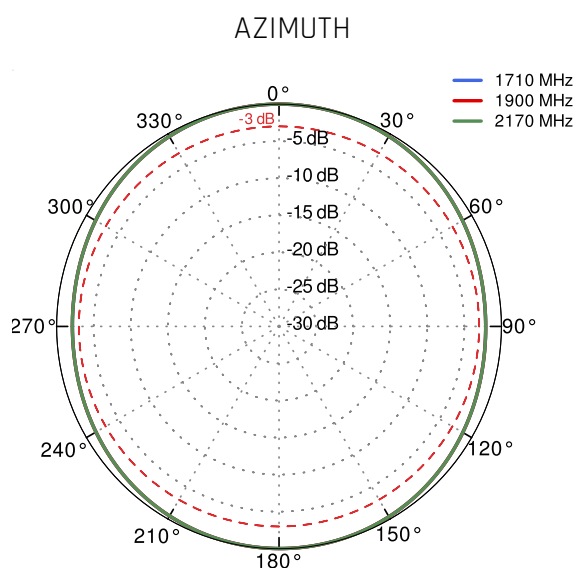
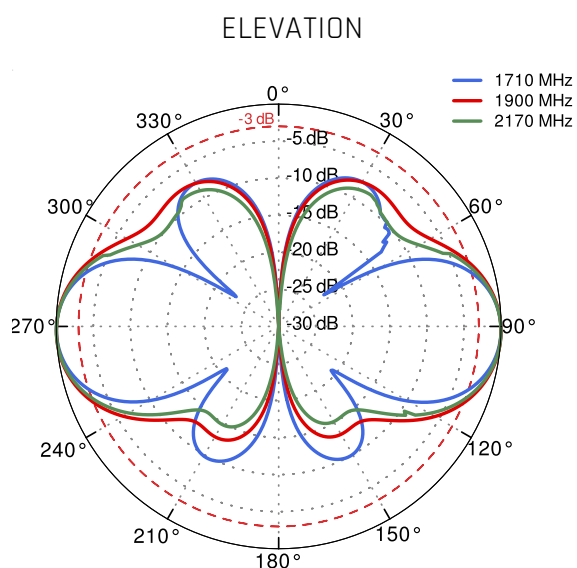
Gain for LTE antenna



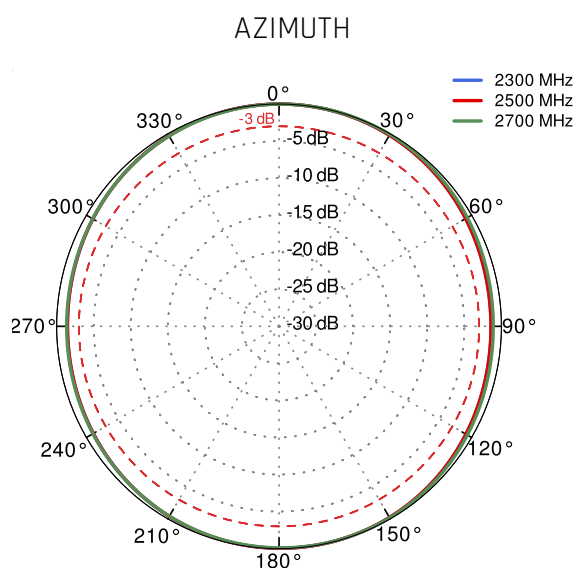
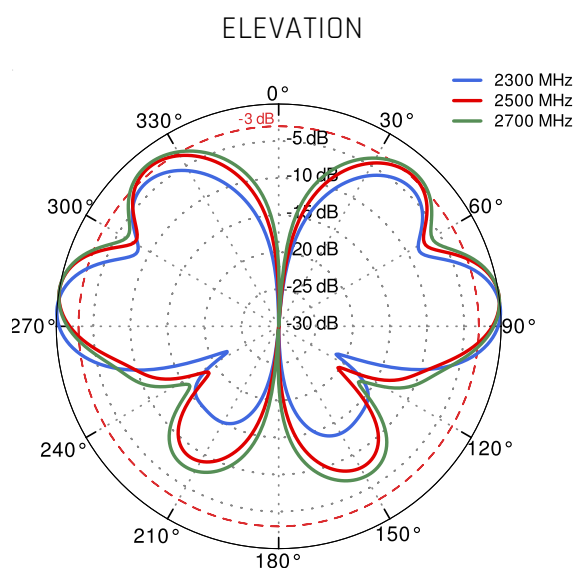
LTE from 700MHz to 900MHz



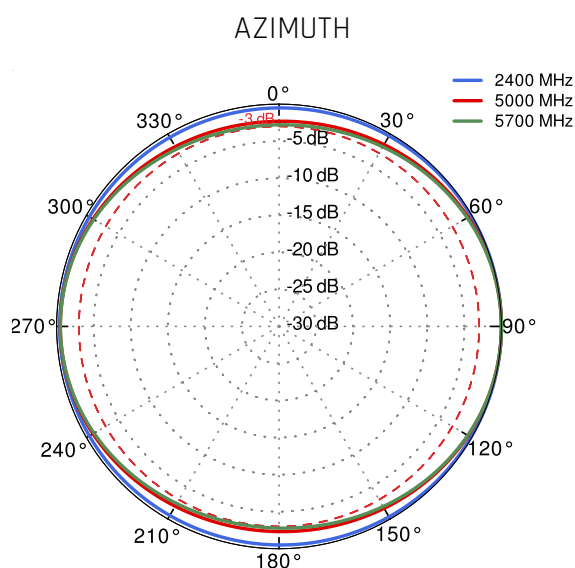
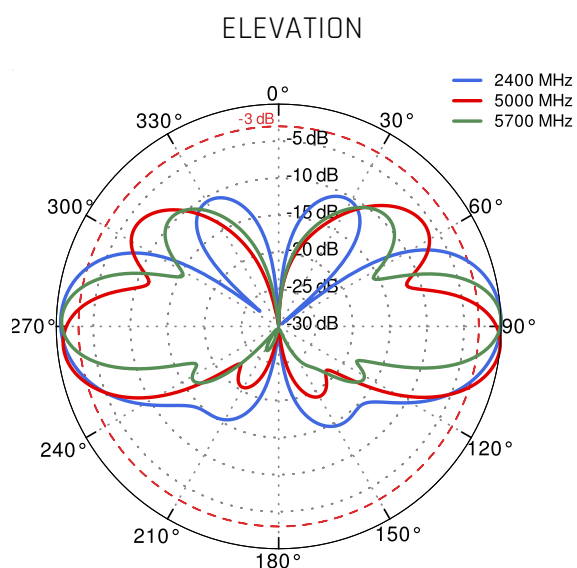
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz



DIMENSIONS

