

# QuSpot for Teltonika RUT956/RUT955

**Integrated multi-band LTE omni antennas + WiFi omni antennas + place to install Teltonika RUT956 or RUT955 (All-in-one)**

QuSpot omni LTE antenna for Teltonika **RUT956, RUT955 or RUT906** 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 and GPS antenna.** If you use **RUT956, RUT955 or RUT906** 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**GPS**  
694-2700MHz  
6 dBi  
OMNI  
DIRECTIONAL  
IP 67  
-40° TO +80°

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



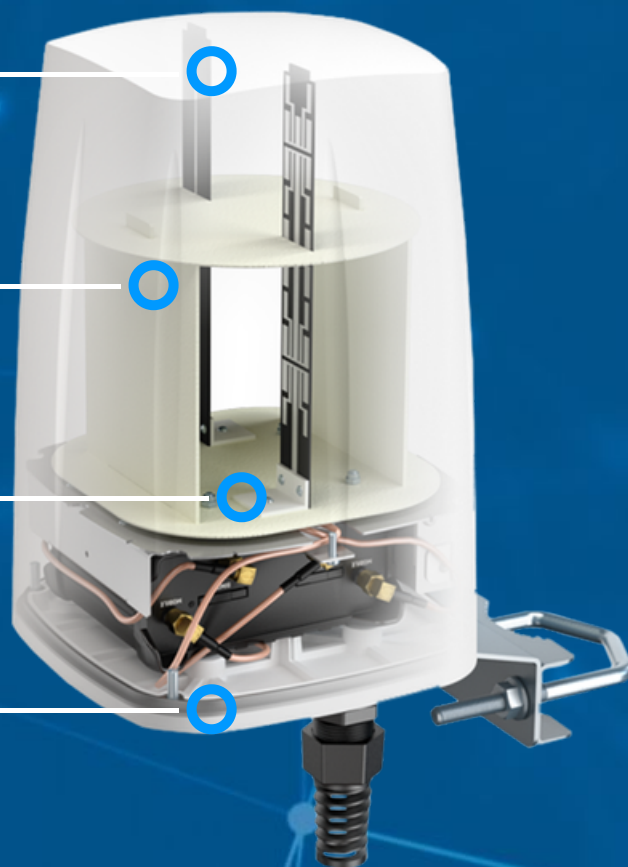
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



PASSIVE **POE** SUPPORT



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FREQUENCY              | 694 - 960 MHz<br>1.7 - 2.2 GHz<br>2.2 - 2.7 GHz                                                                                                                                                                                  |
| SUPPORTED LTE/5G BANDS | 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| GAIN                   | 694 - 960 MHz : 2 dBi<br>1.7 - 2.2 GHz : 2 dBi<br>2.2 - 2.7 GHz : 4 dBi                                                                                                                                                          |
| 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<br>6.3 x 6.3 x 9.45 inch |
| WEIGHT                | 1.5 kg<br>3.31 lbs                          |
| OPERATING TEMPERATURE | From -40°C to 80°C<br>From -40°F to 176°F   |
| MAST DIAMETER         | 40-60 mm<br>1.57-2.36 inch                  |

## FREQUENCY BANDS

|               |          |   |   |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |      |     |     |     |      |          |
|---------------|----------|---|---|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|----------|
| LTE / 4G GSM  | 694 MHz  | 5 | 8 | 12 | 13 | 14 | 17 | 18 | 19 | 20 | 26 | 27 | 28 | 29 | 44  | 67  | 68  | 85  | 103 | n81  | n82 | n83 | n89 | n100 | 960 MHz  |
| LTE / 4G UMTS | 1710 MHz | 1 | 2 | 3  | 4  | 9  | 10 | 25 | 33 | 34 | 35 | 36 | 37 | 39 | n80 | n84 | n86 | n95 | n98 | n101 |     |     |     |      | 2170 MHz |

LTE / 4G WCS DARS

2300  
MHz

30

40

n97

2400  
MHz

LTE / 4G

2400  
MHz

7

38

41

53

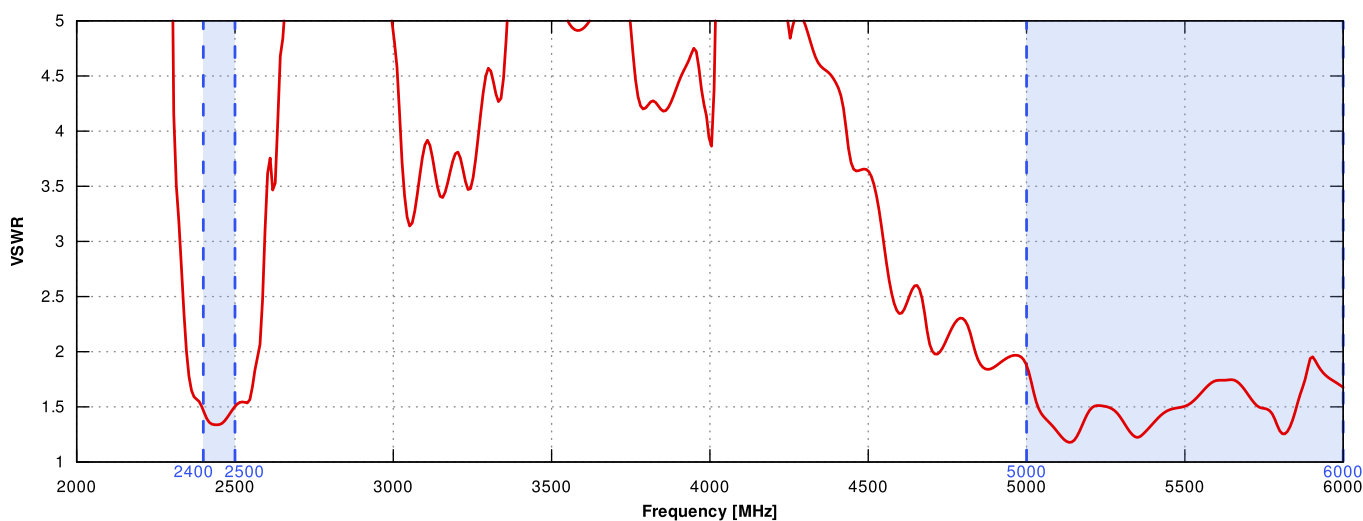
69

n90

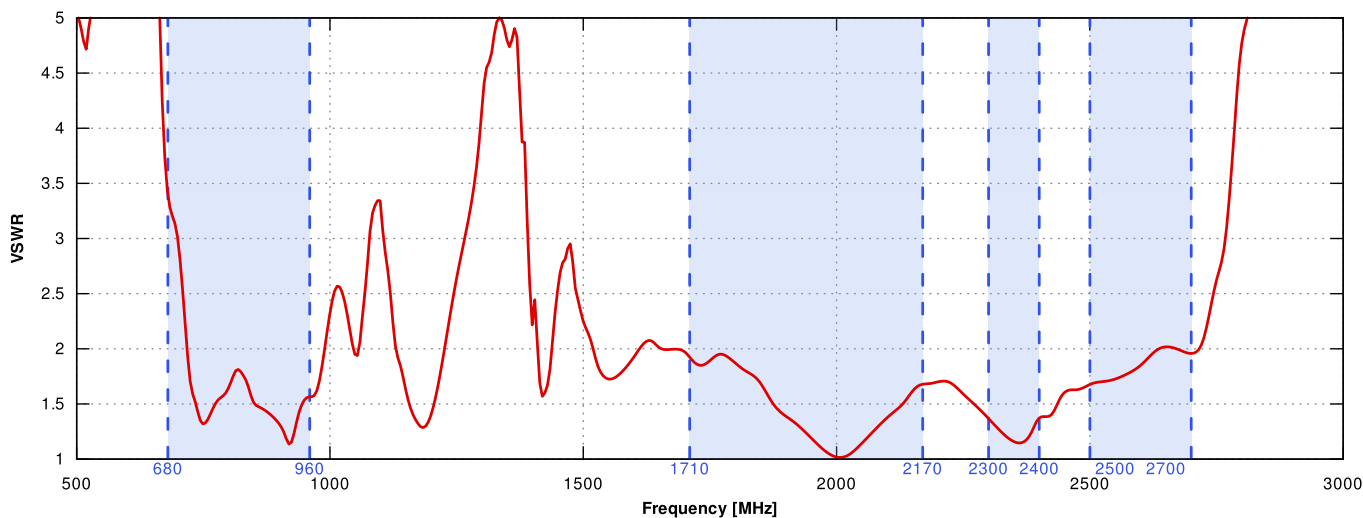
2700  
MHz

## PLOTS

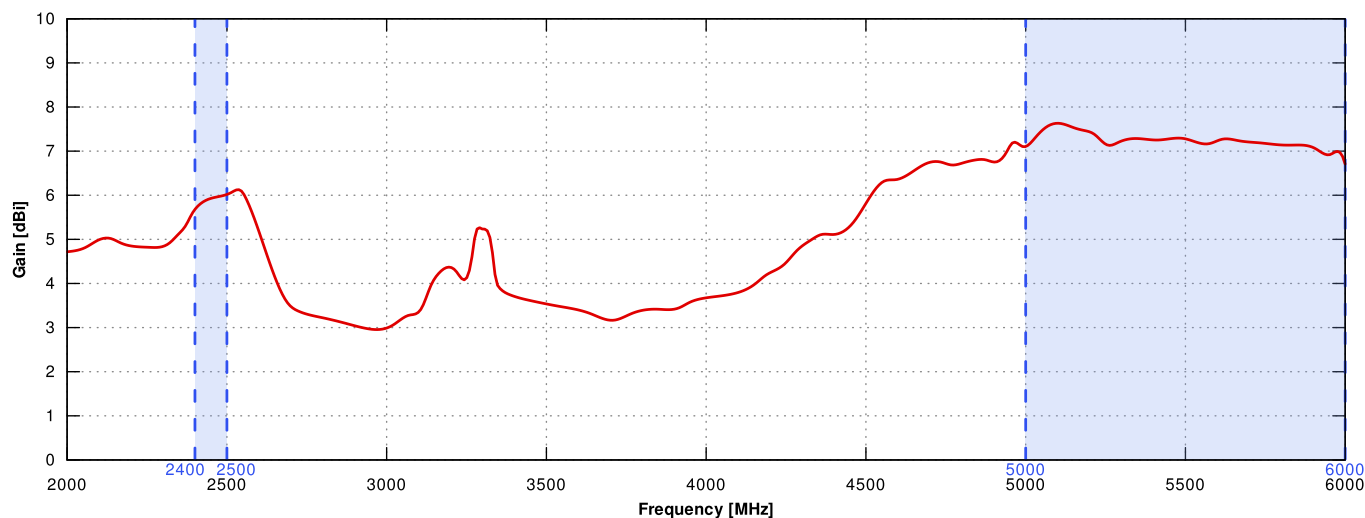
VSWR for Wi-Fi antenna



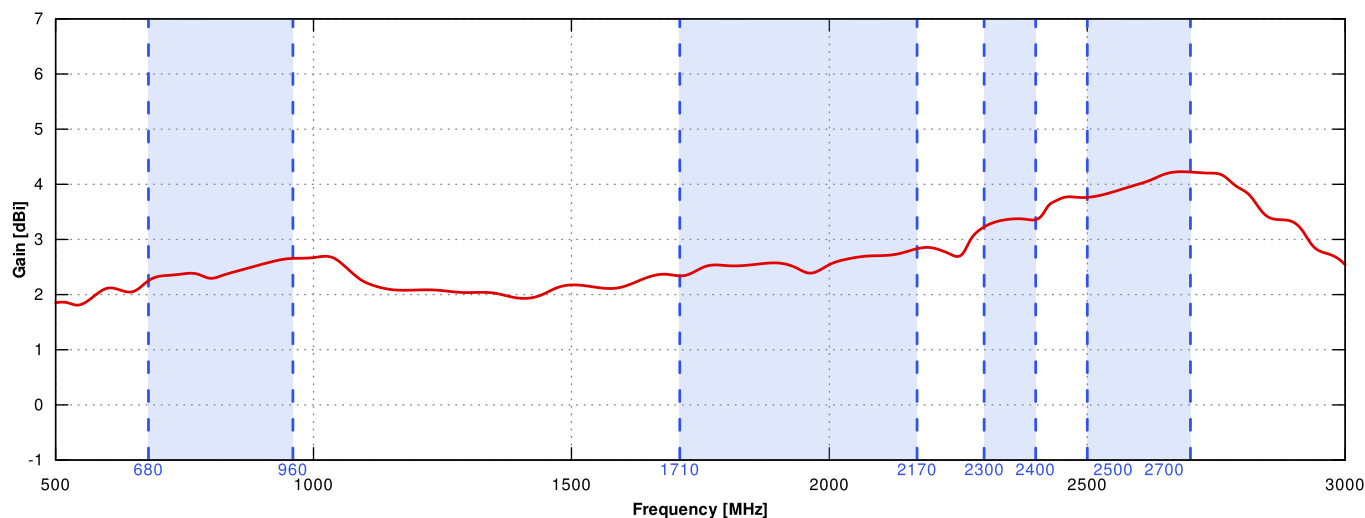
VSWSR for LTE antenna



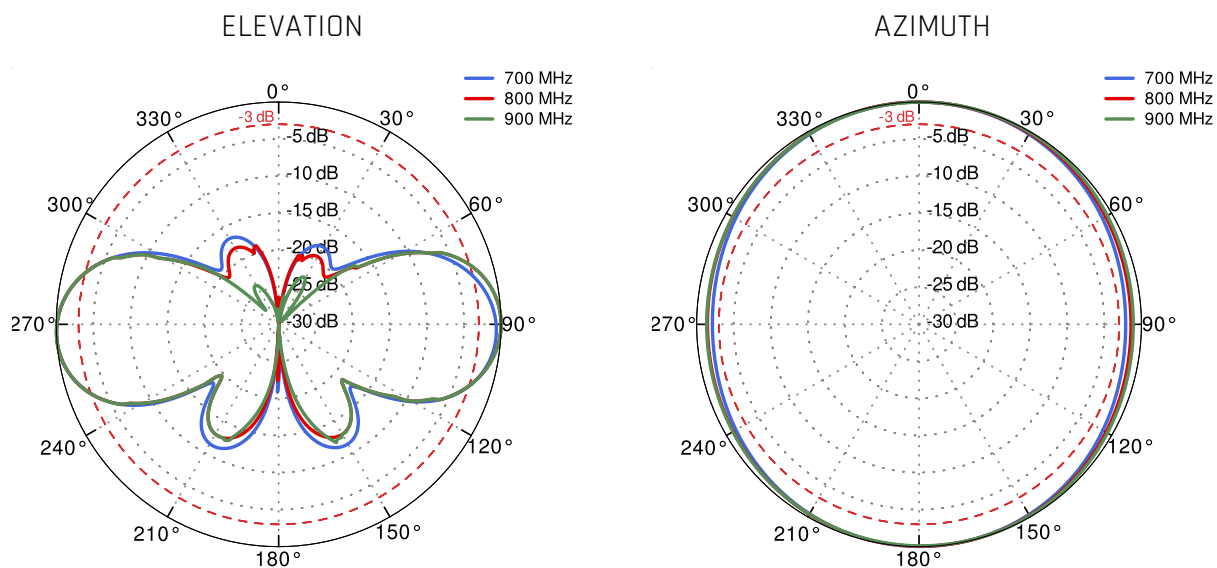
## Gain for Wi-Fi antenna



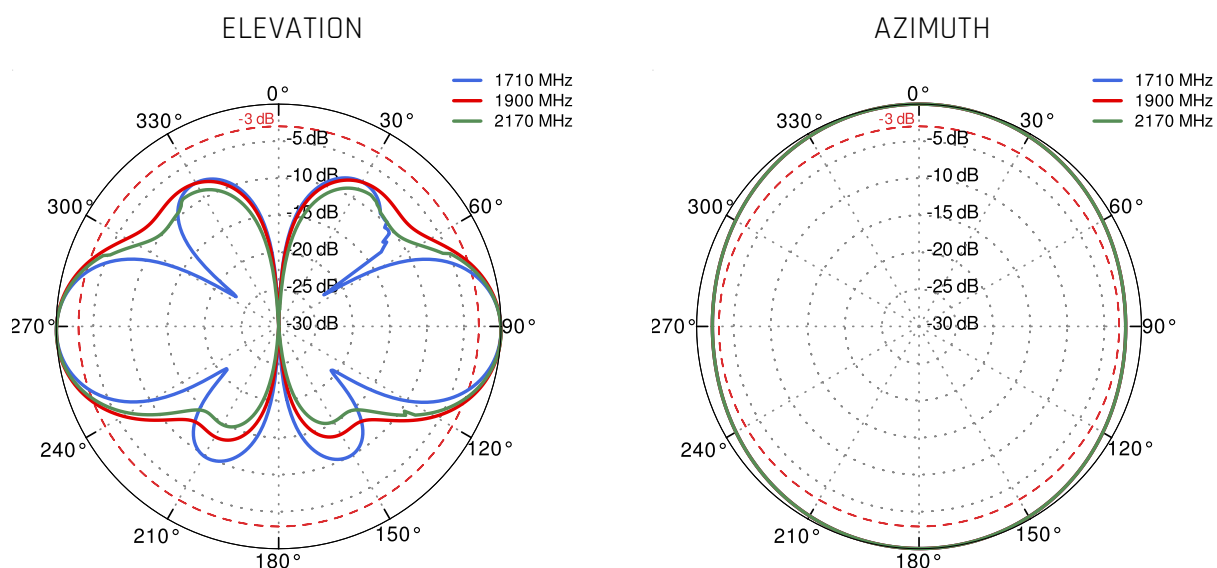
## Gain for LTE antenna



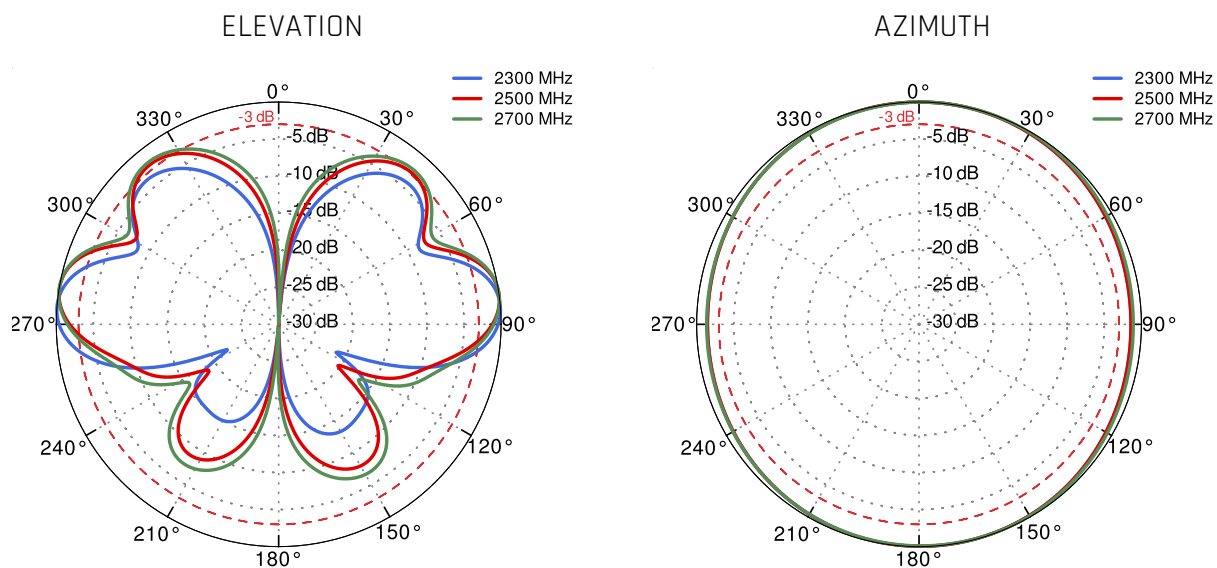
# LTE from 700MHz to 900MHz



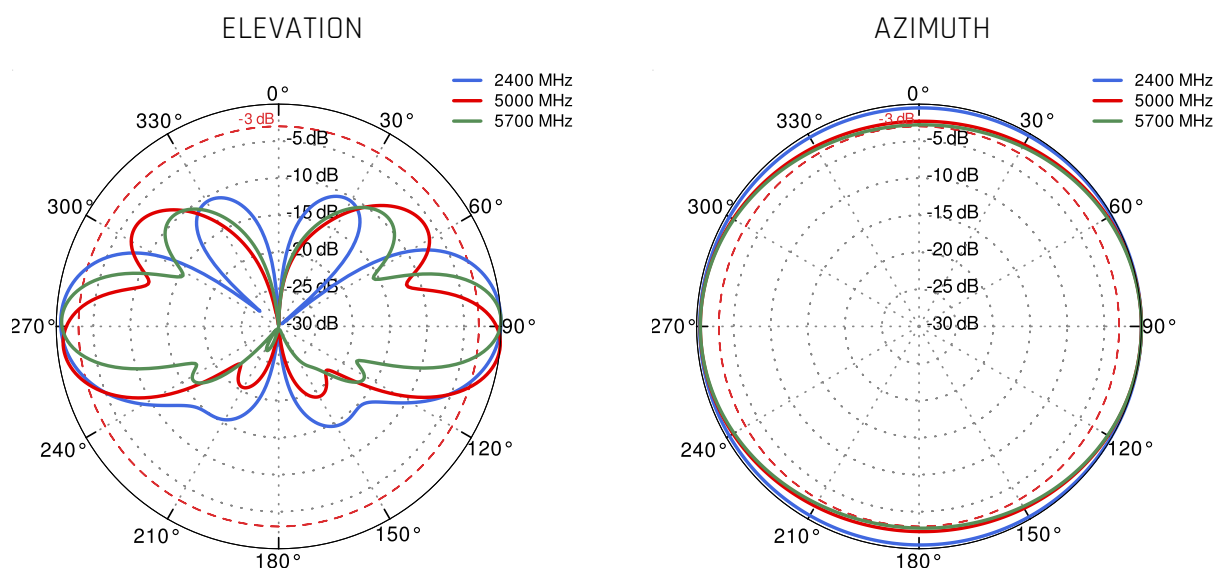
# LTE from 1.71GHz to 2.17GHz



# LTE from 2.3GHz to 2.7GHz



# Wi-Fi 2.4GHz and 5GHz



## DIMENSIONS

