

# QuSpot for RUT2xx

**Integrated multi-band LTE omni antenna + WiFi omni antenna + place to install Teltonika RUT241, RUT240, RUT230 or RUT200 (All-in-one)**

QuSpot omnidirectional LTE antenna for Teltonika **RUT260, RUT241, RUT240, RUT230 or RUT200 routers** is a perfect outdoor device for mobile and fixed installations e.g. CCTV, hotspots, industrial areas, campervans, ships etc.. In addition to having omnidirectional, multi-band LTE antennas, **it has also embedded omnidirectional Wi-Fi antenna**. If you use RUT2xx 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



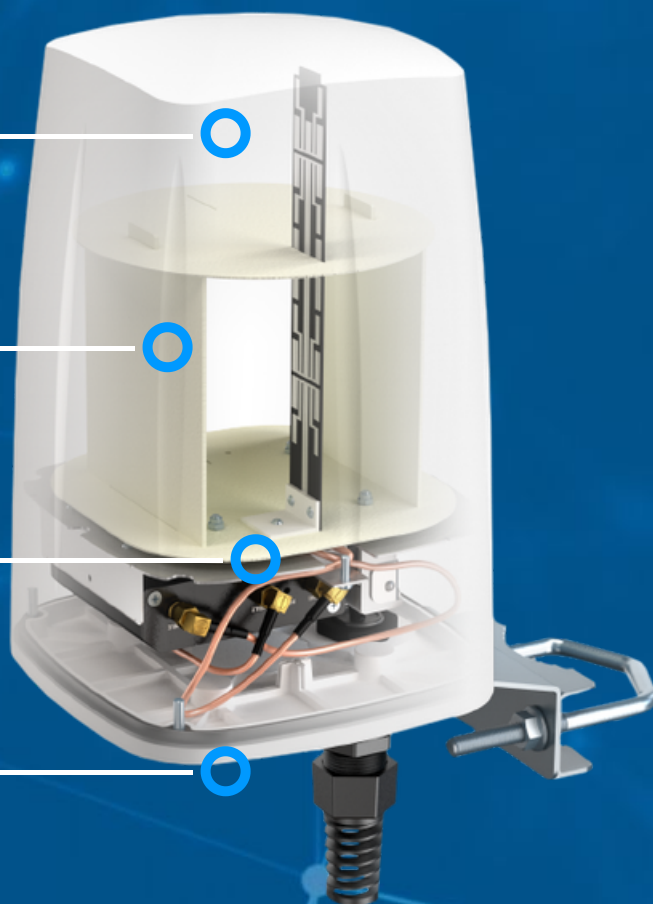
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 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 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 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 $\Omega$

## 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

LTE / 4G GSM	<div>694 MHz</div> <div><div>5</div><div>8</div><div>12</div><div>13</div><div>14</div><div>17</div><div>18</div></div> <div><div>19</div><div>20</div><div>26</div><div>27</div><div>28</div><div>29</div><div>44</div></div> <div><div>67</div><div>68</div><div>85</div><div>103</div><div>n81</div><div>n82</div><div>n83</div></div> <div><div>n89</div><div>100</div></div> <div>960 MHz</div>
LTE / 4G UMTS	<div>1710 MHz</div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>9</div><div>10</div><div>25</div></div> <div><div>33</div><div>34</div><div>35</div><div>36</div><div>37</div><div>39</div><div>n80</div></div> <div><div>n84</div><div>n86</div><div>n95</div><div>n98</div><div>n101</div></div> <div>2170 MHz</div>

**LTE / 4G WCS DARS**

2300  
MHz

30

40

n97

2400  
MHz

**LTE / 4G**

2400  
MHz

7

38

41

53

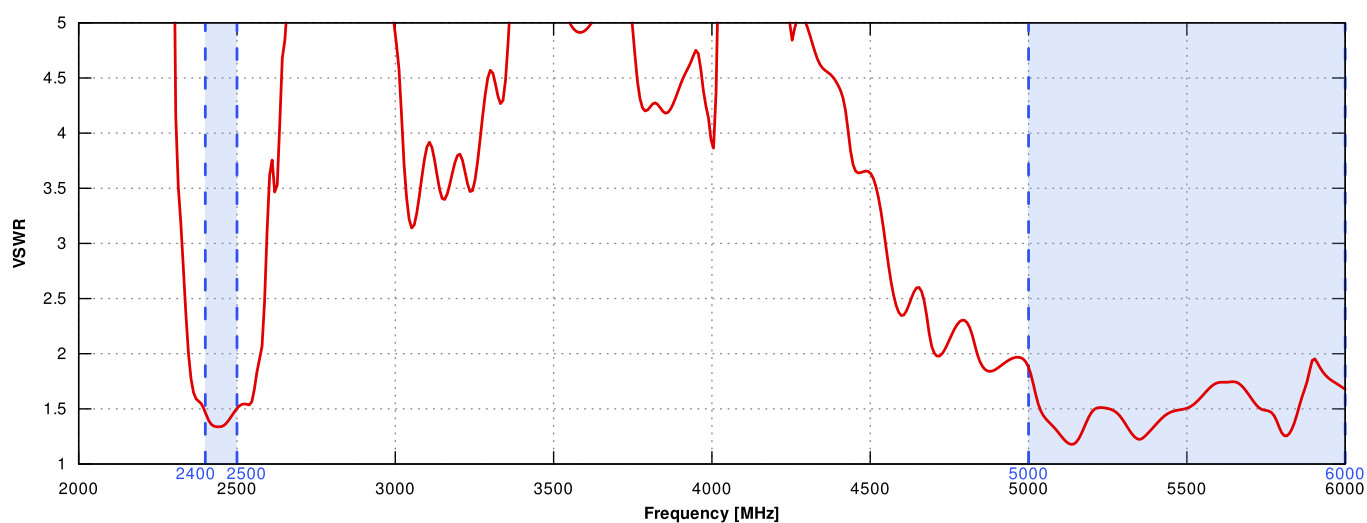
69

n90

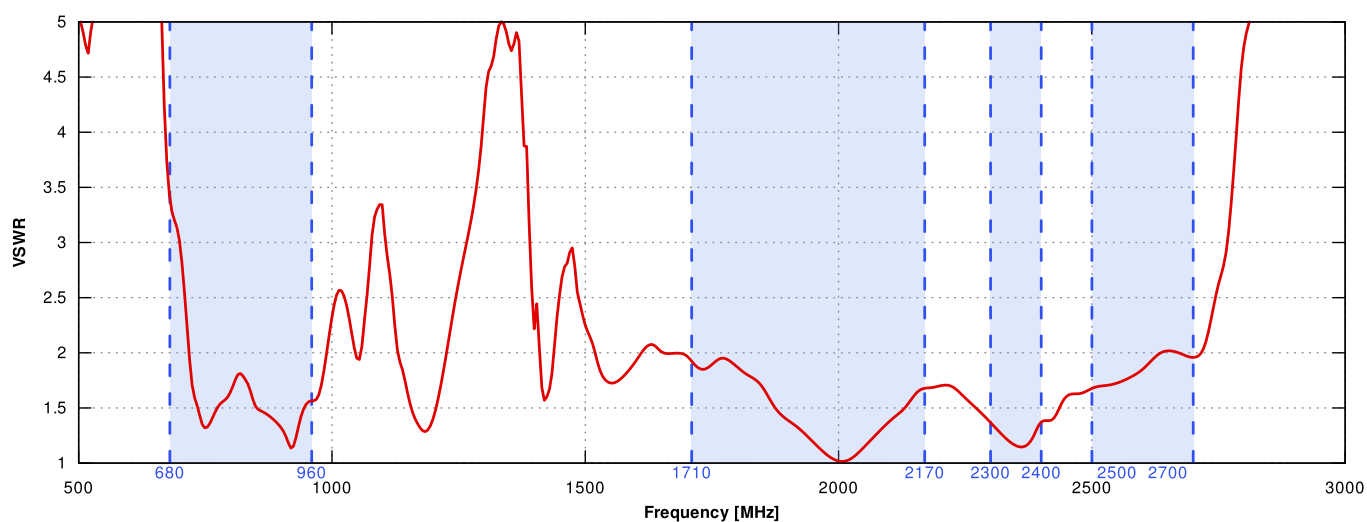
2700  
MHz

## PLOTS

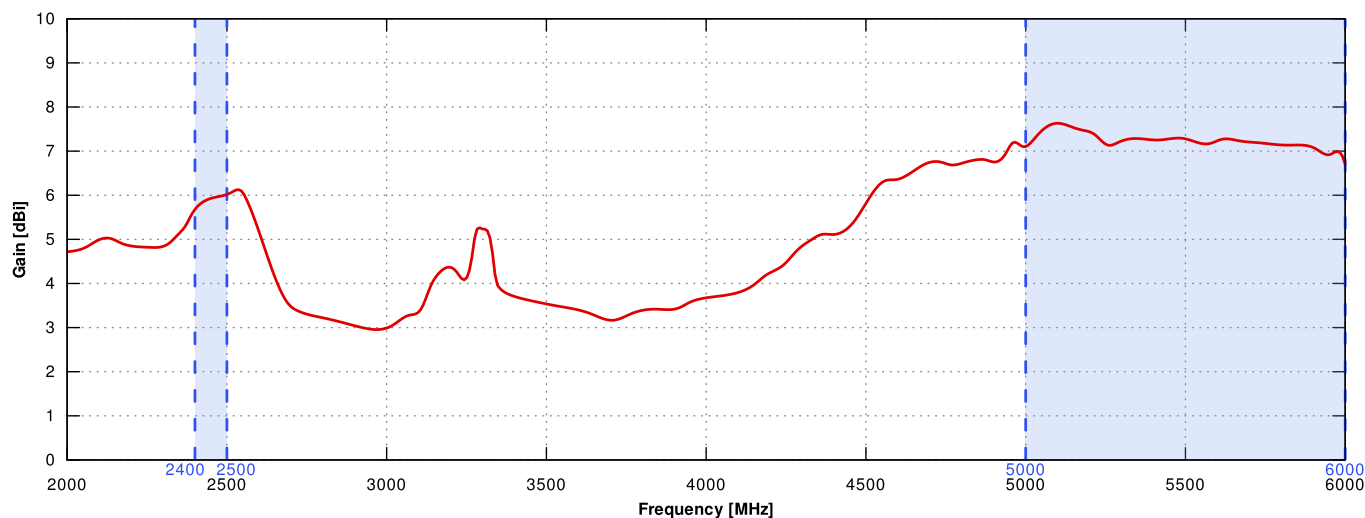
VSWSR for Wi-Fi antenna



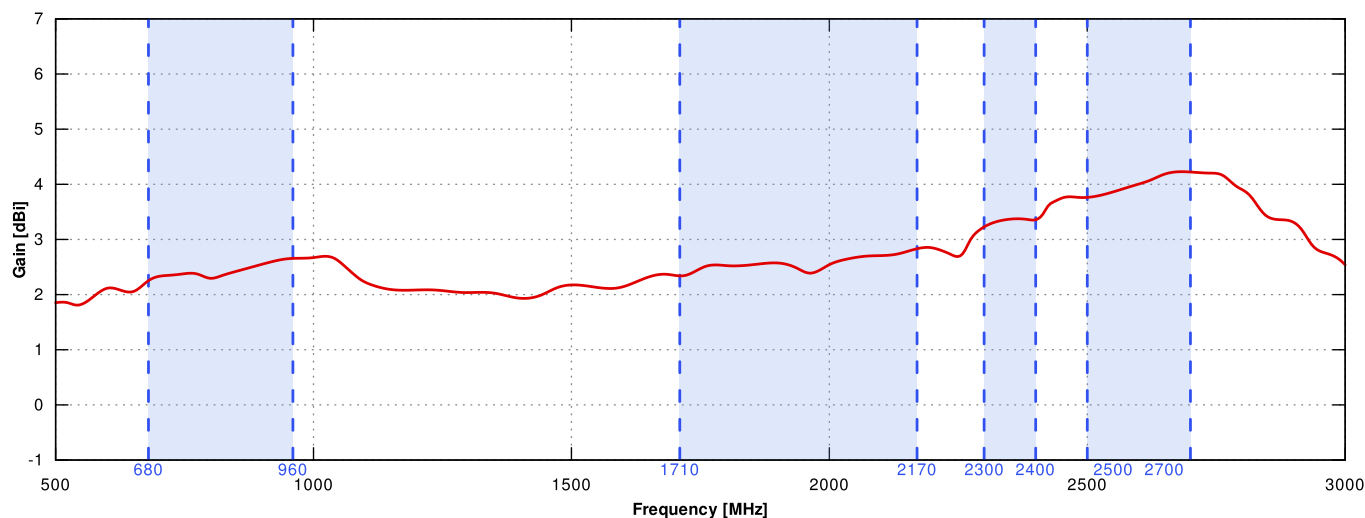
VSWSR for LTE antenna



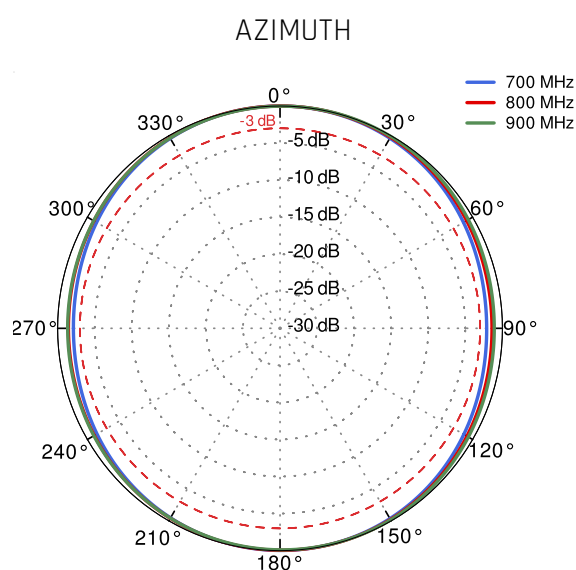
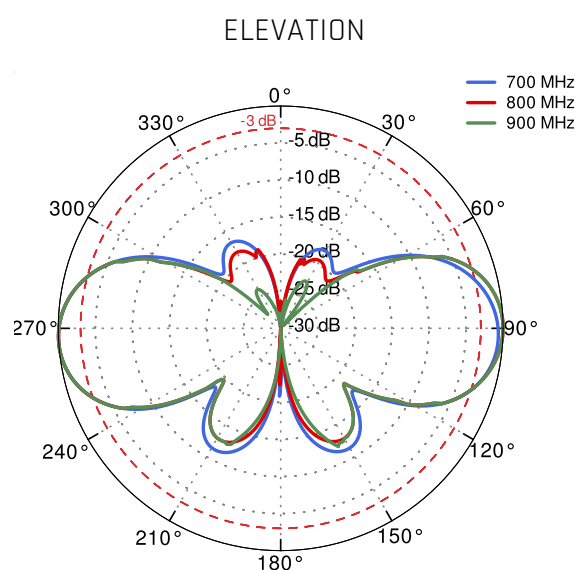
## Gain for Wi-Fi antenna



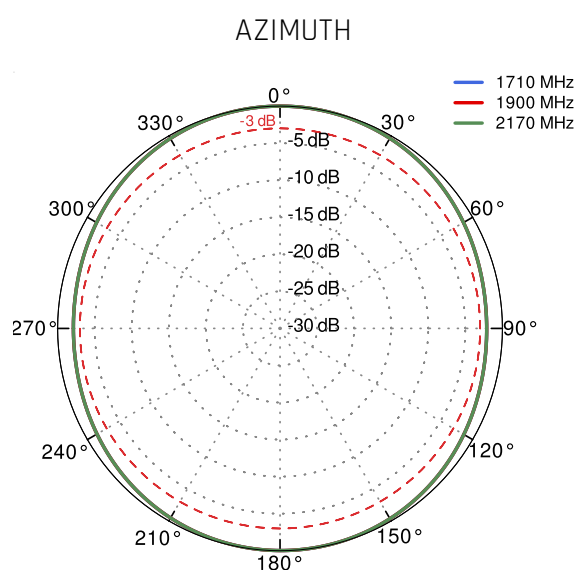
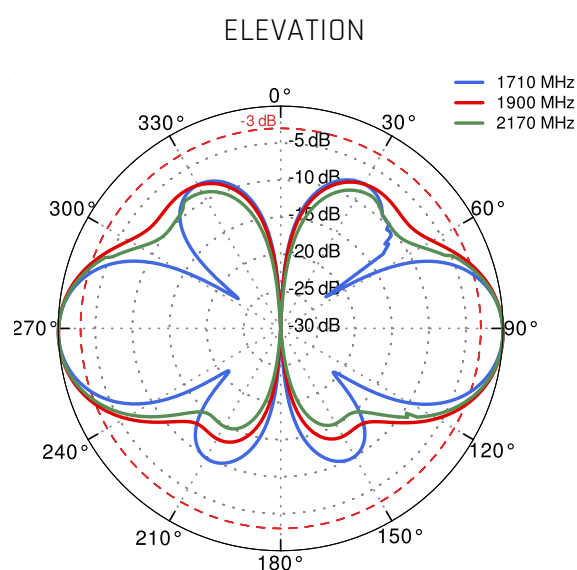
## Gain for LTE antenna



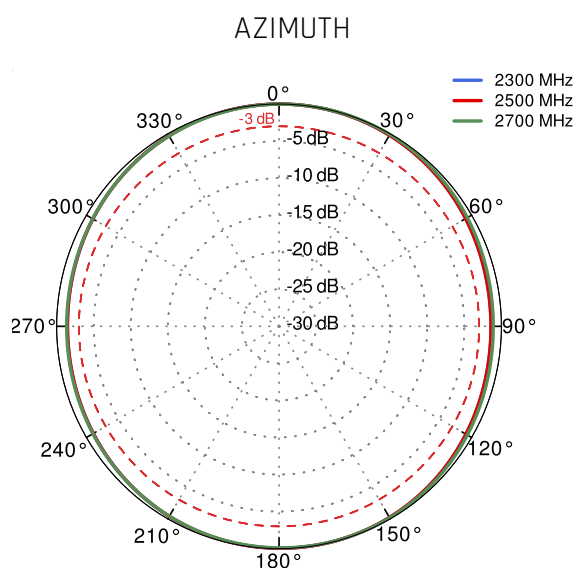
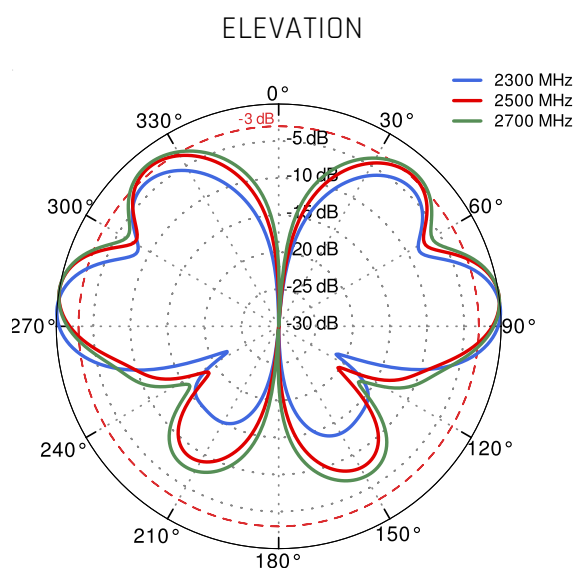
## LTE from 700MHz to 900MHz



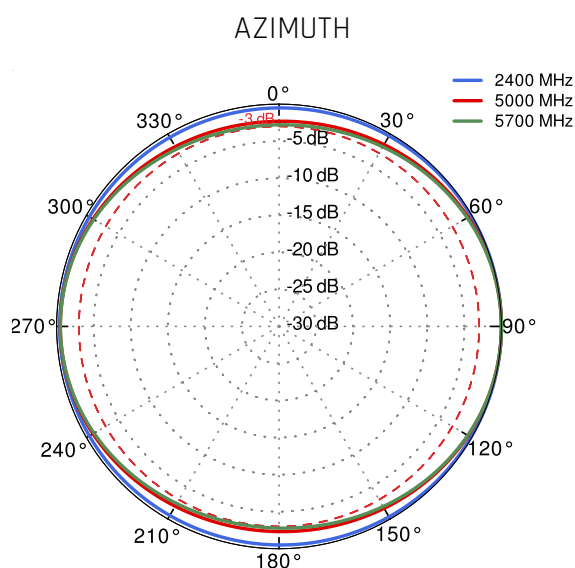
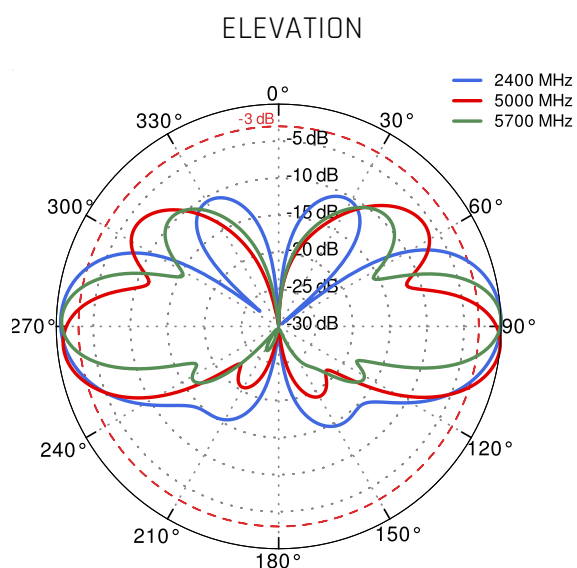
## LTE from 1.71GHz to 2.17GHz



## LTE from 2.3GHz to 2.7GHz



## Wi-Fi 2.4GHz and 5GHz



## DIMENSIONS

