

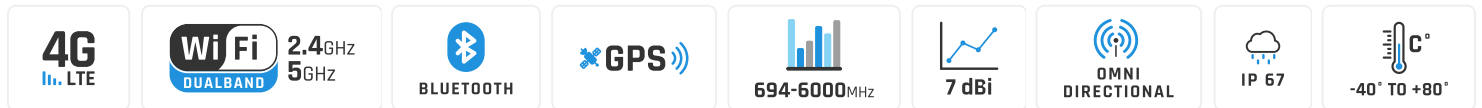
# QuMax Omni for Robustel R2110

**INTEGRATED MULTI-BAND LTE OMNI ANTENNA + WIFI OMNI ANTENNA + BLUETOOTH ANTENNA + GPS ANTENNA + PLACE TO INSTALL ROBUSTEL R2110 (ALL-IN-ONE)**

QuMax Omni all-in-one antenna for Robustel R2110 router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni LTE, Wi-Fi, Bluetooth and GPS antenna. If you use R2110 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

Wi-Fi 7 support!

**Note!** This antenna comes in two different versions, depending on your router configuration. When you use R2110 supporting Power over Ethernet (PoE) please choose version "no PoE splitter". For R2110 without PoE support, please choose "PoE splitter" version. Compatible Robustel part numbers available in the specification below.



 OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67

 ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL R2110

 ALL ANTENNAS AND ROBUSTEL ROUTER INTEGRATED IN ONE ENCLOSURE

 MADE IN EUROPE



## LTE SPECIFICATION

<b>FREQUENCY</b>	0.694-0.96 GHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n95
<b>GAIN</b>	0.694 - 0.96 GHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.5 - 2.7 GHz : 6 dBi
<b>VSWR</b>	<1.50, max <2.50
<b>BEAMWIDTH</b>	360°/25° +/- 5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## WI-FI SPECIFICATION

<b>FREQUENCY</b>	2.4 - 2.5 GHz 4.7 - 6.0 GHz
<b>GAIN</b>	2.4 - 2.5 GHz: 6 dBi 4.7 - 6.0 GHz: 7 dBi
<b>VSWR</b>	<1.70, max <2.00
<b>BEAMWIDTH</b>	360°/25° +/- 5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

<b>MATERIAL</b>	BS, aluminum, PTFE, Fiberglass
<b>INGRESS PROTECTION</b>	IP67
<b>CONNECTOR TYPE</b>	RJ45
<b>DIMENSIONS</b>	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
<b>WEIGHT</b>	1.8 kg 3.97 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F

## MOUNTING KIT

<b>DIMENSIONS</b>	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
<b>REGULATION RANGE</b>	+/- 30°
<b>MAST DIAMETER RANGE</b>	25 - 60mm 0.98-2.36 inch
<b>MATERIAL</b>	Polyamide with fiberglass + galvanized steel U-Bolts
<b>WEIGHT</b>	0.87kg
<b>MOUNTING PLACE</b>	Wall or mast or ceiling

## COMPATIBLE PART NUMBERS

**NO POE SPLITTER**

B044722

B044730

B044733

B044735

B044737

B044738

B044742

B044743

B044744

**POE SPLITTER**

B044745

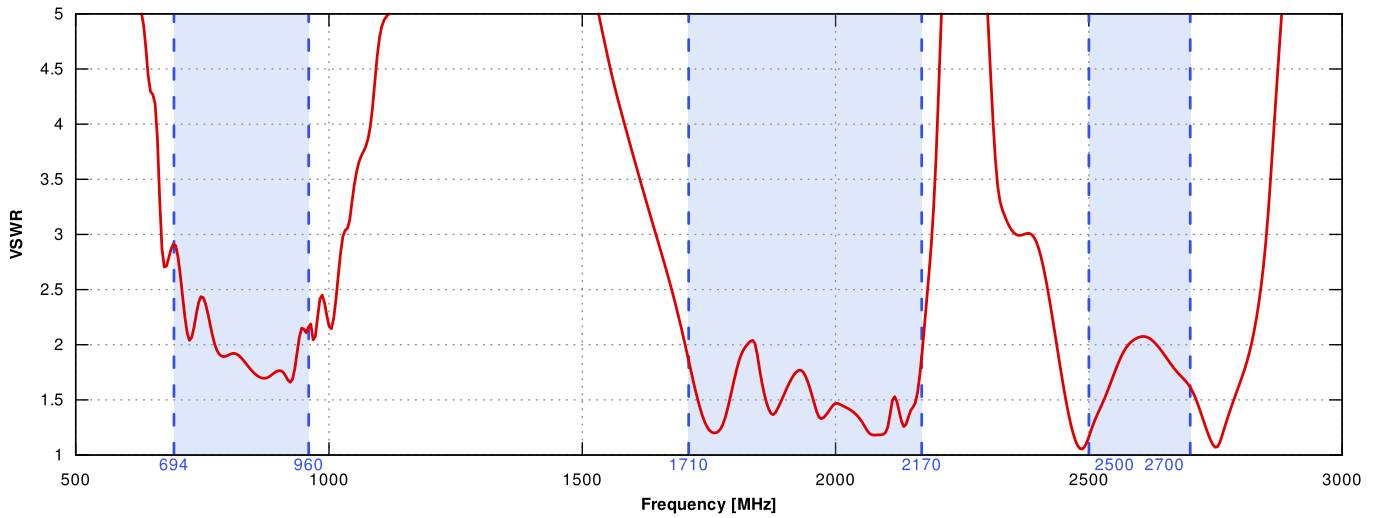
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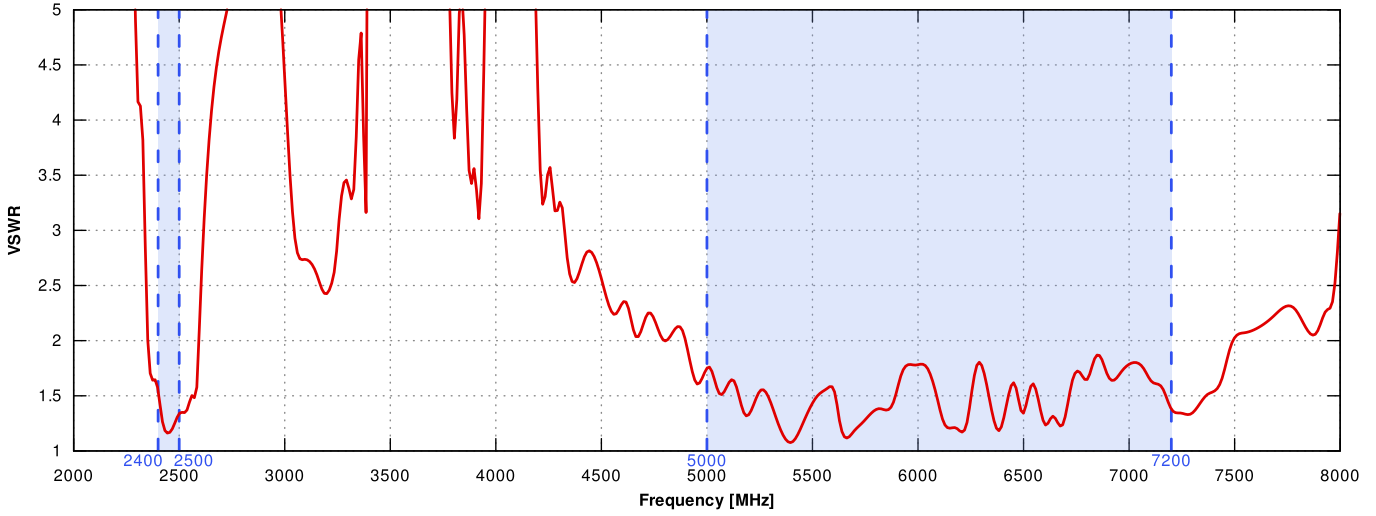
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## PLOTS

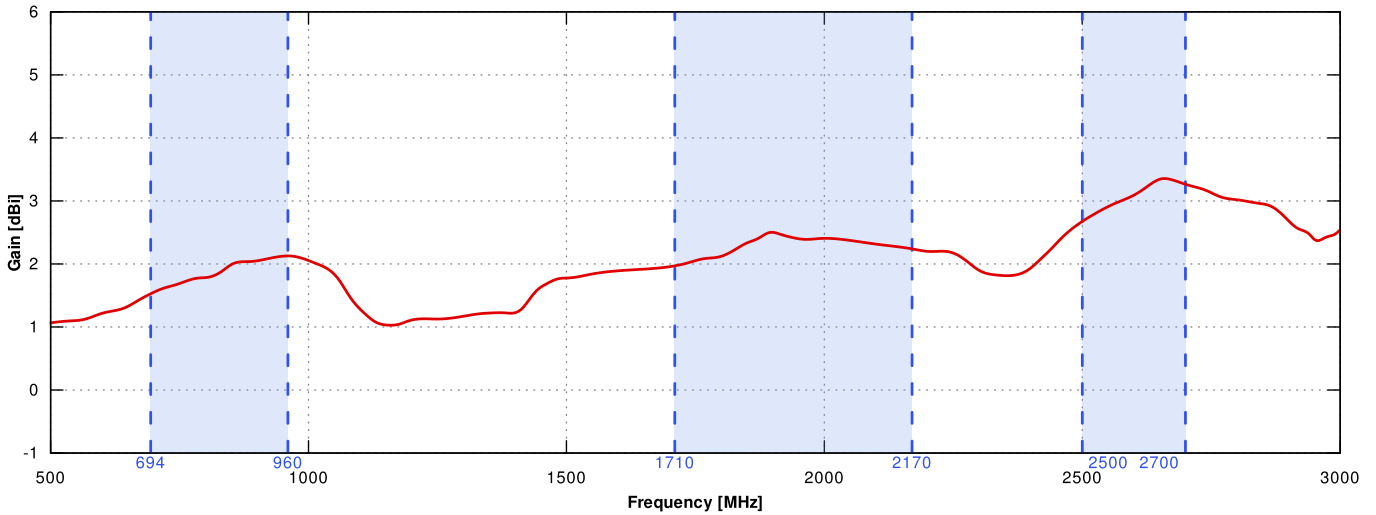
LTE VSWR



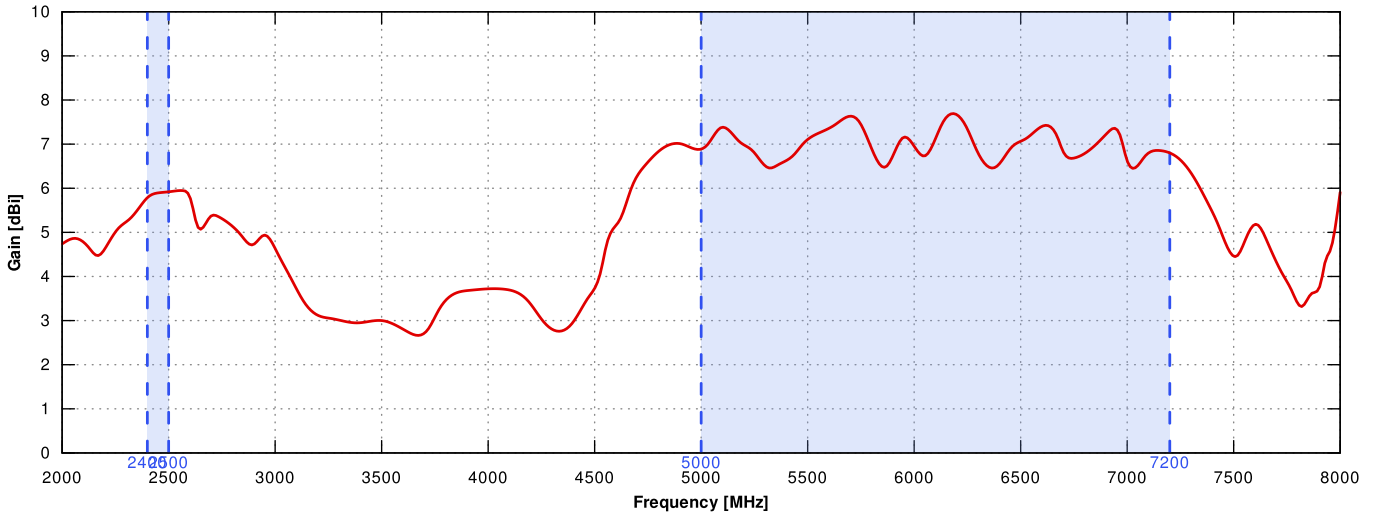
### WI-FI VSWR



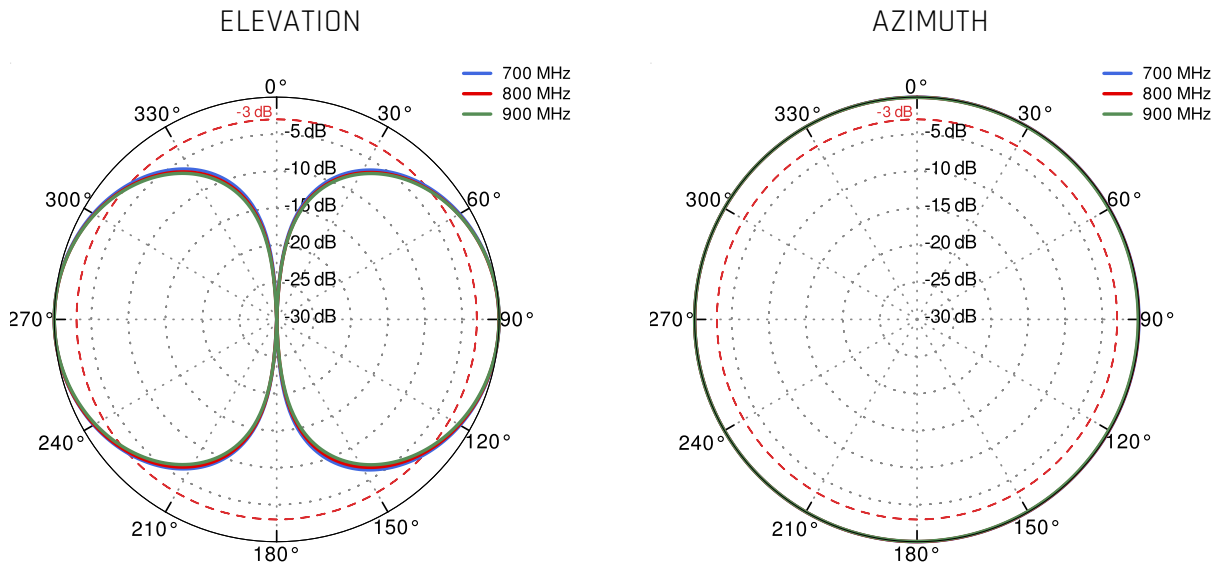
### LTE Gain



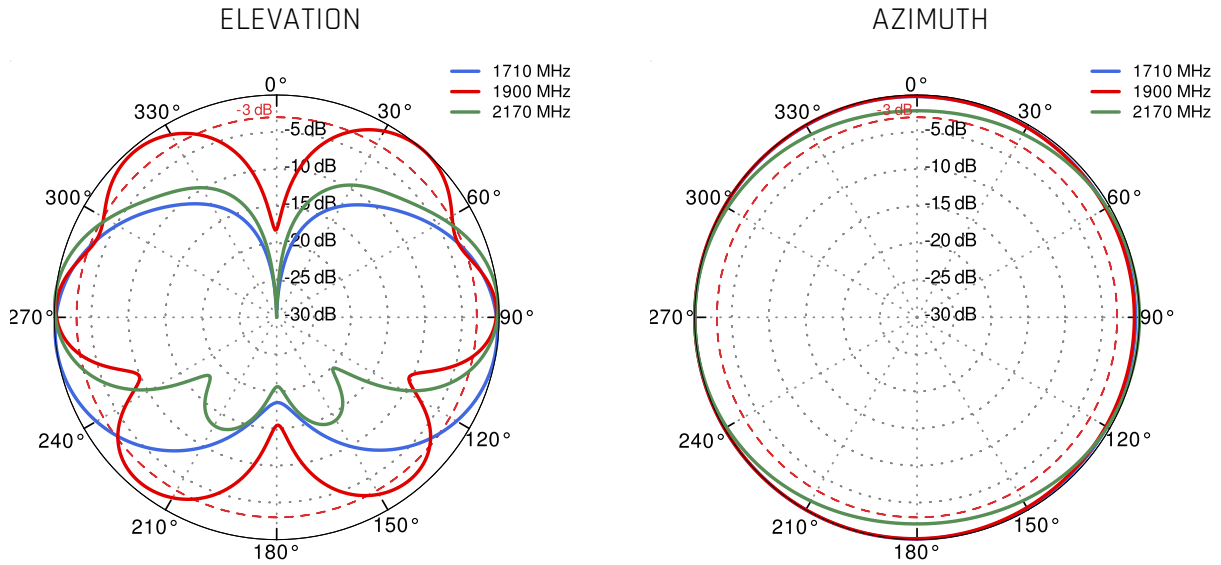
Wi-Fi Gain



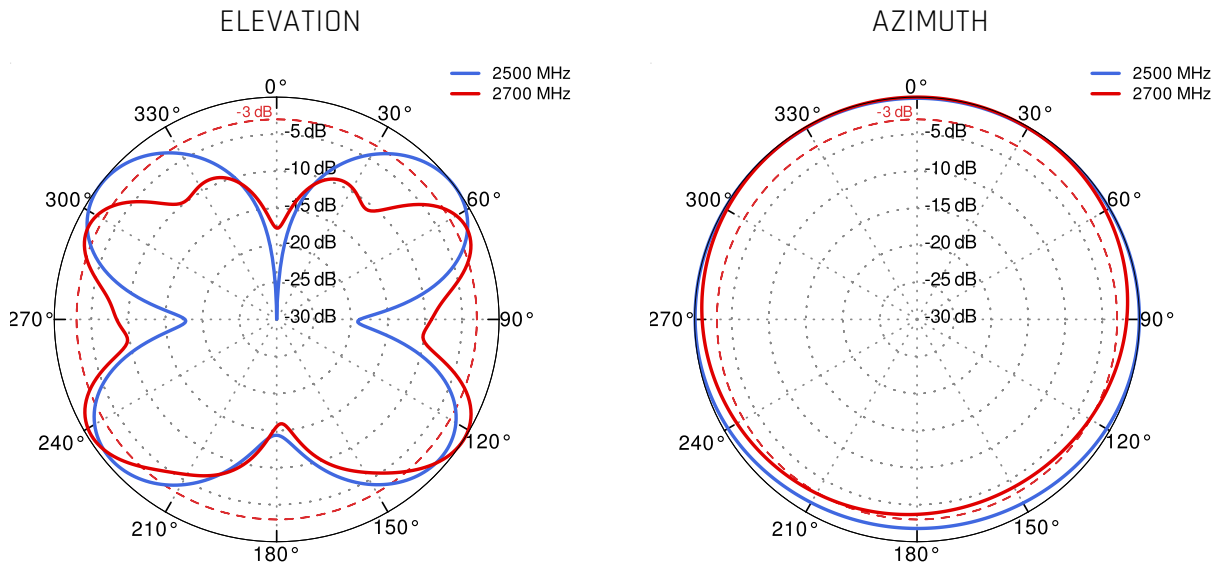
LTE from 700MHz to 900MHz



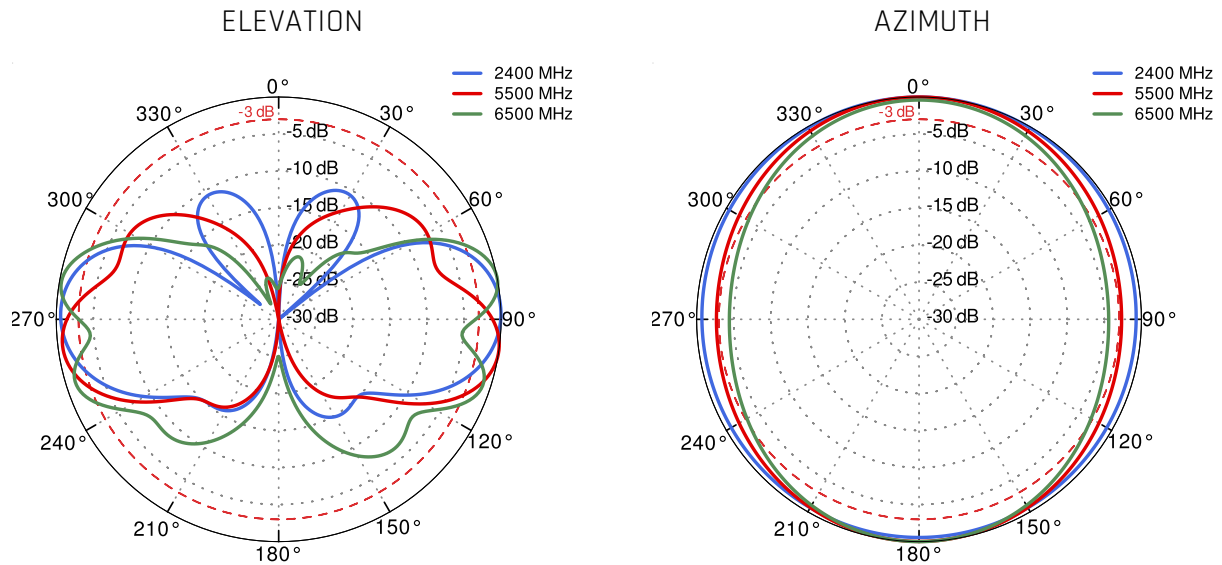
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



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



## DIMENSIONS

