

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.

4G
LTE

Wi Fi
DUALBAND
2.4GHz
5GHz

Bluetooth

GPS

694-6000MHz

7 dBi

**OMNI
DIRECTIONAL**

IP 67

-40° TO +80°



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

| | |
|------------------------|---|
| FREQUENCY | 0.694-0.96 GHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz |
| 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, 33, 34, 35, 36, 37, 38, 39, 44, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n95 |
| GAIN | 0.694 - 0.96 GHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.5 - 2.7 GHz : 6 dBi |
| VSWR | <1.50, max <2.50 |
| BEAMWIDTH | 360°/25° +/- 5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

WI-FI SPECIFICATION

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

MECHANICAL SPECIFICATION

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

MOUNTING KIT

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

COMPATIBLE PART NUMBERS

NO POE SPLITTER

B044722

B044730

B044733

B044735

B044737

B044738

B044742

B044743

B044744

POE SPLITTER

B044746

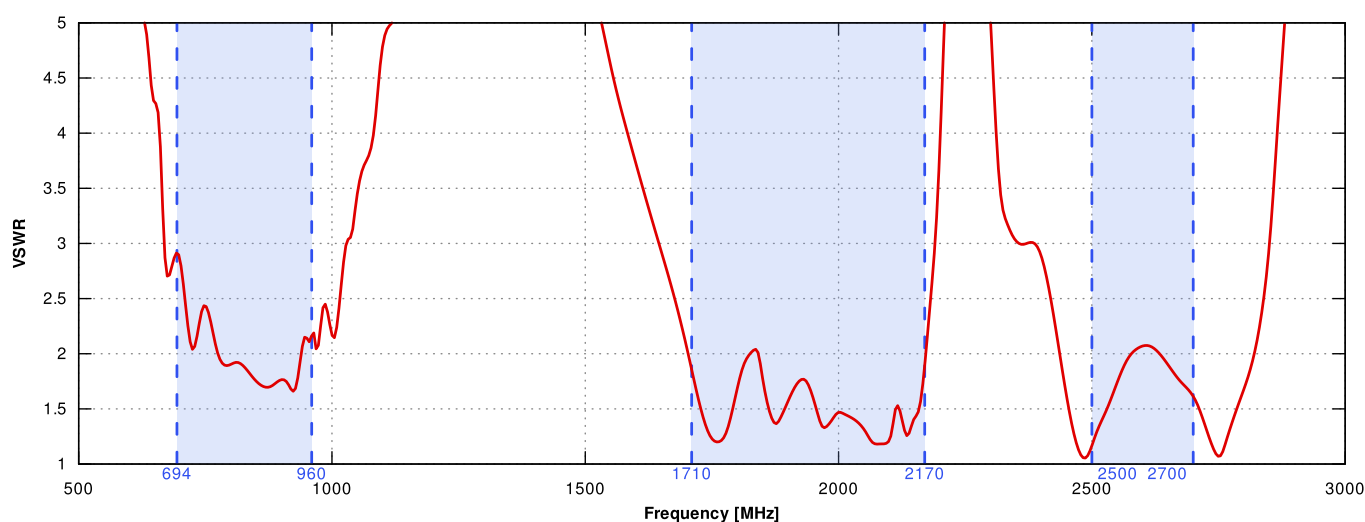
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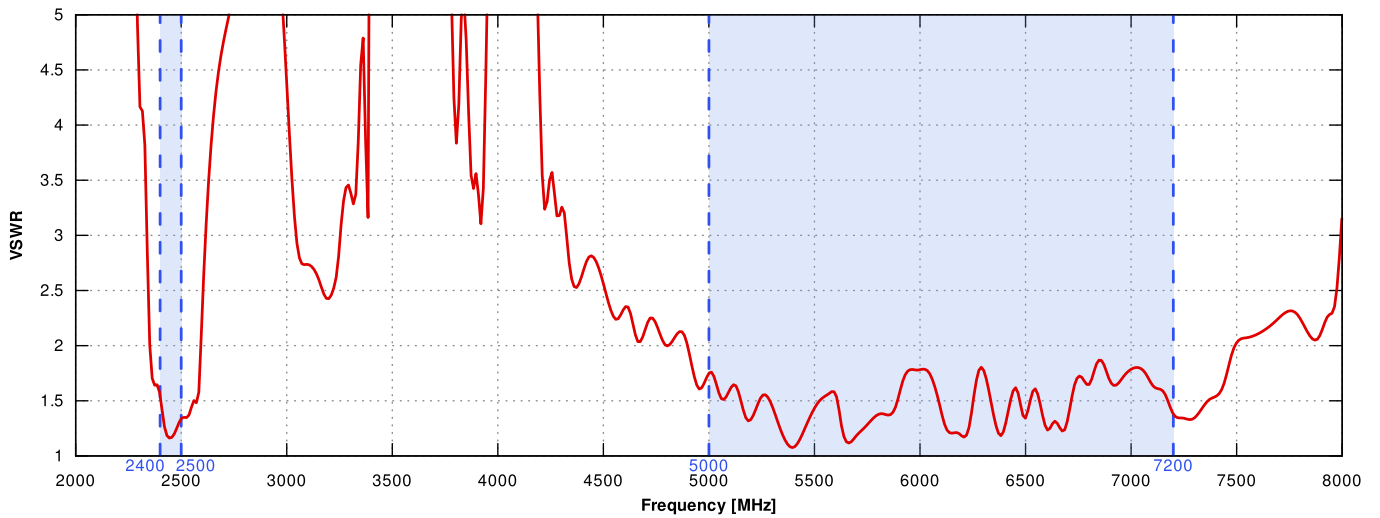
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PLOTS

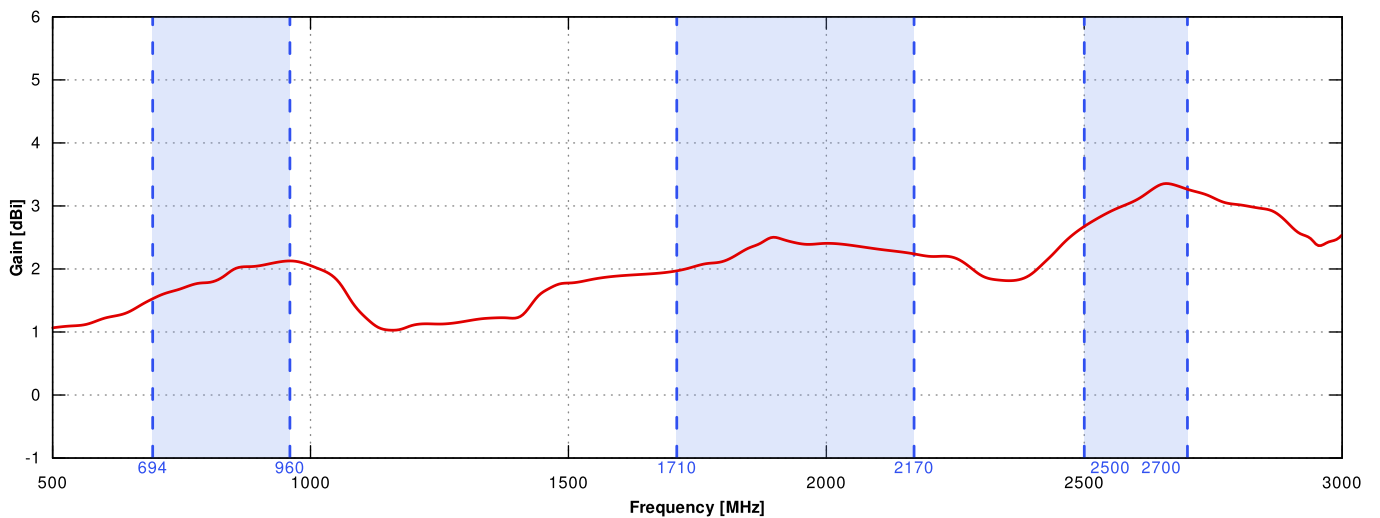
LTE VSWR



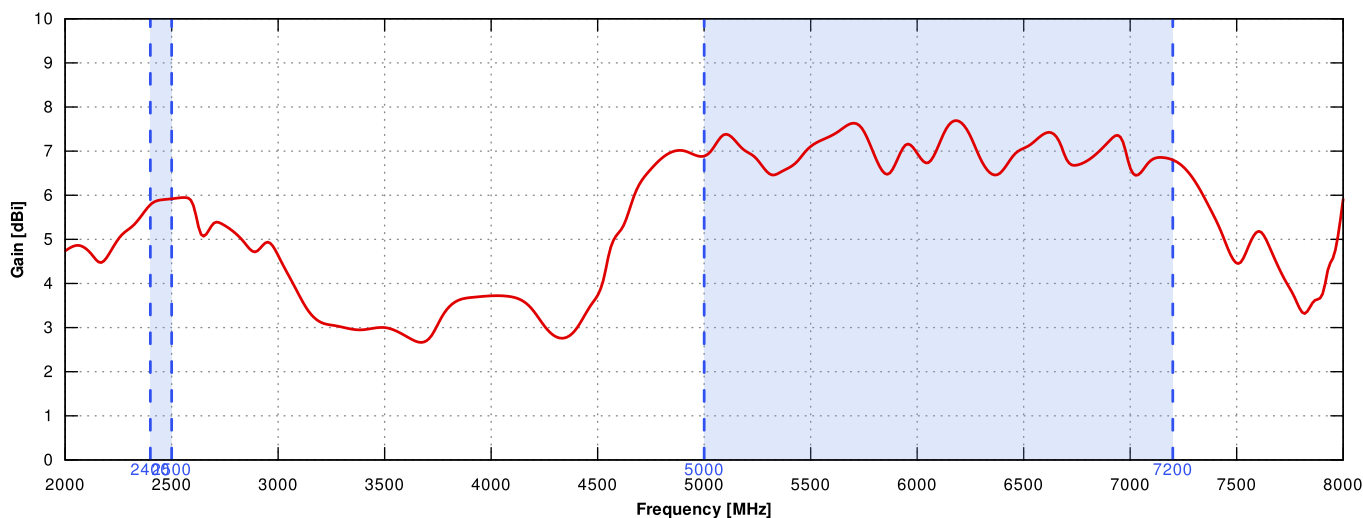
WI-FI VSWR



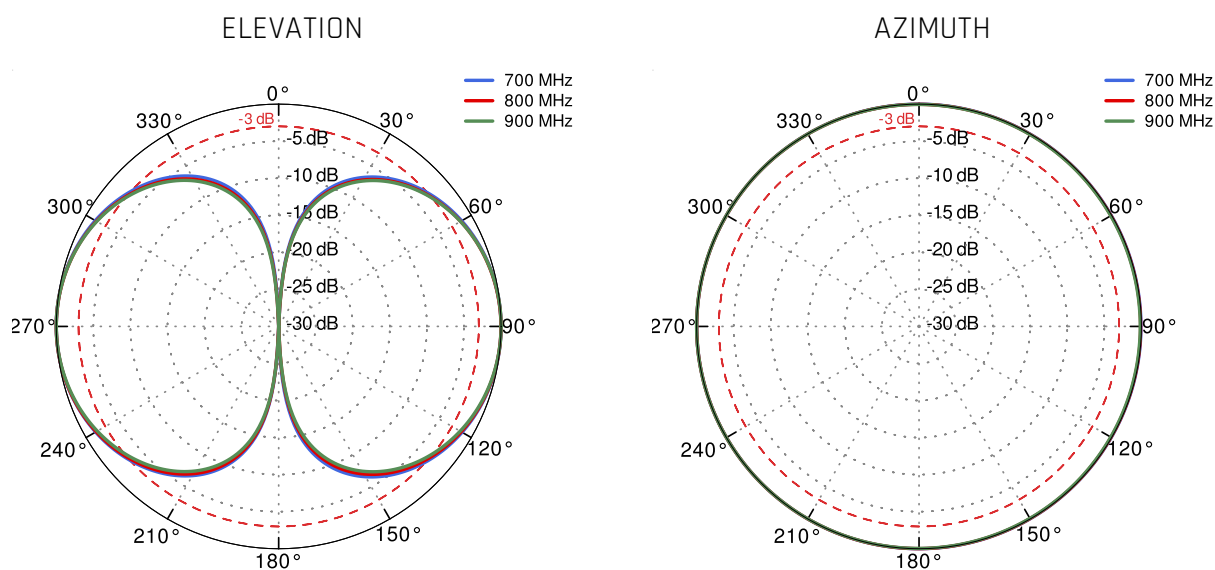
LTE Gain



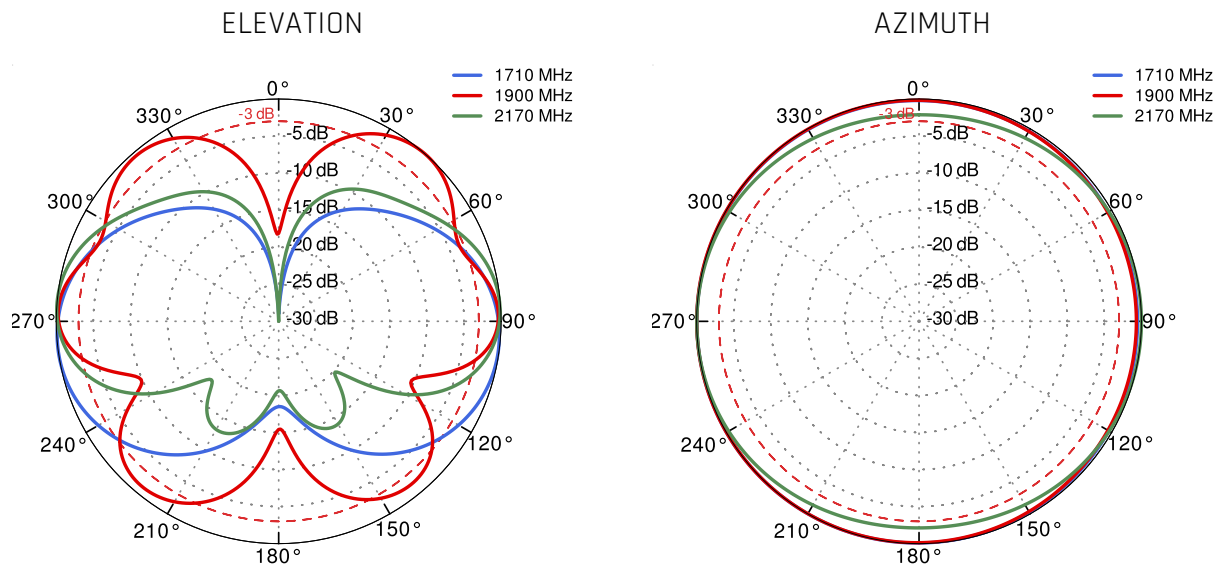
Wi-Fi Gain



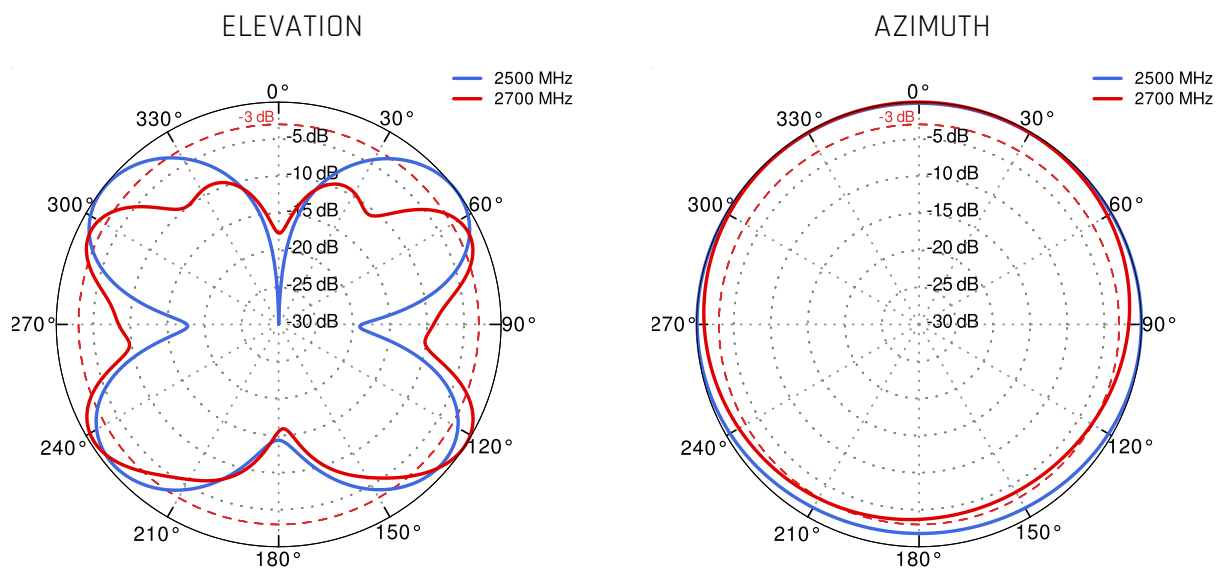
LTE from 700MHz to 900MHz



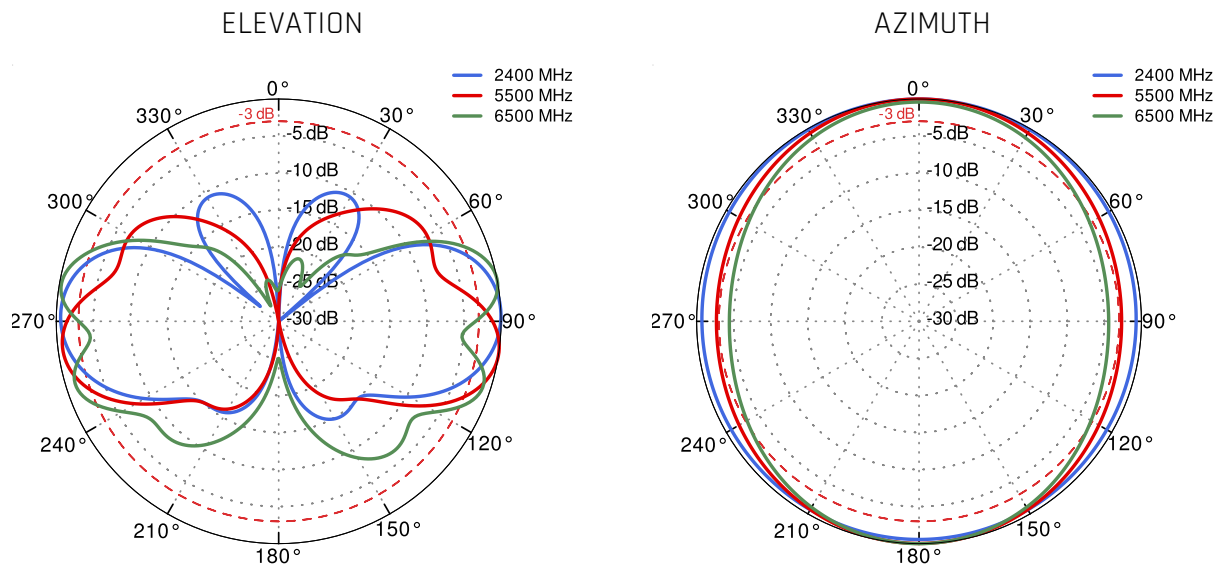
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

