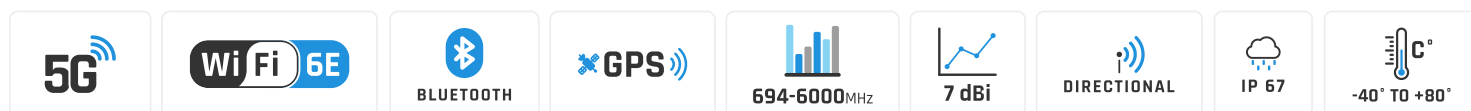


QuMax for Robustel R2110

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

QuMax all-in-one antenna for Robustel R2110 router is a perfect outdoor device for improving the signal in rural/suburban and locations where the mobile signal is weak. It has embedded directional 5G, omni Wi-Fi 6E, Bluetooth and GPS antenna. If you use R2110 with QuMax antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

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



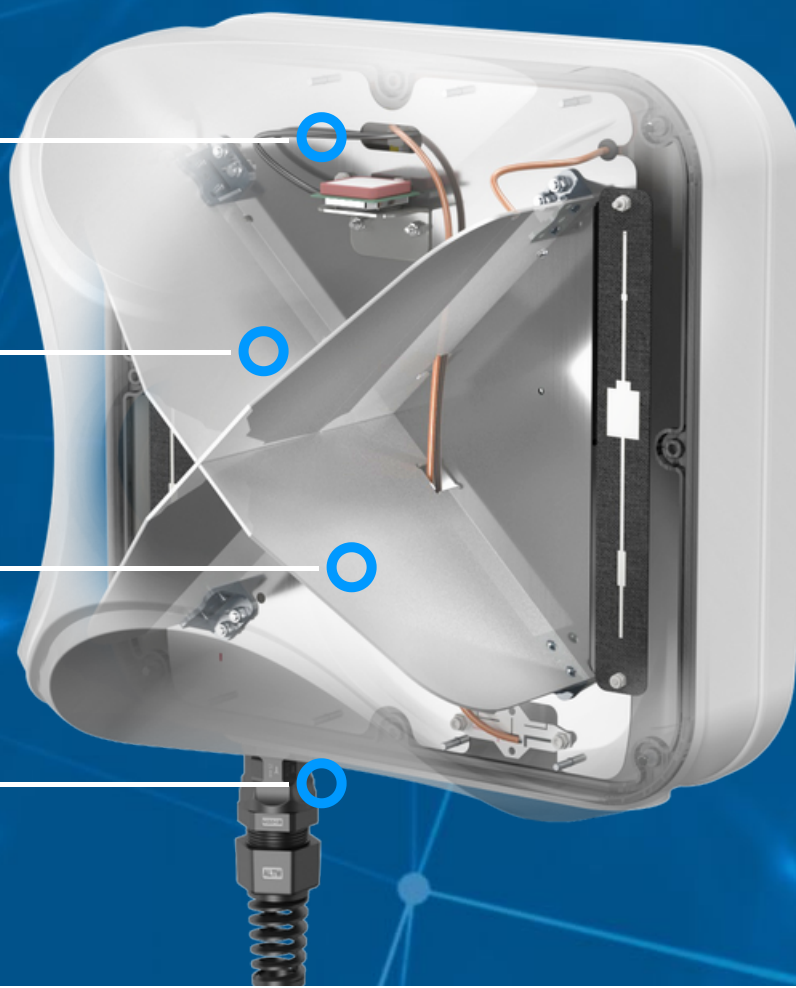
ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL R2110



ALL ANTENNAS AND ROBUSTEL ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



LTE SPECIFICATION

| | |
|------------------------|---|
| 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

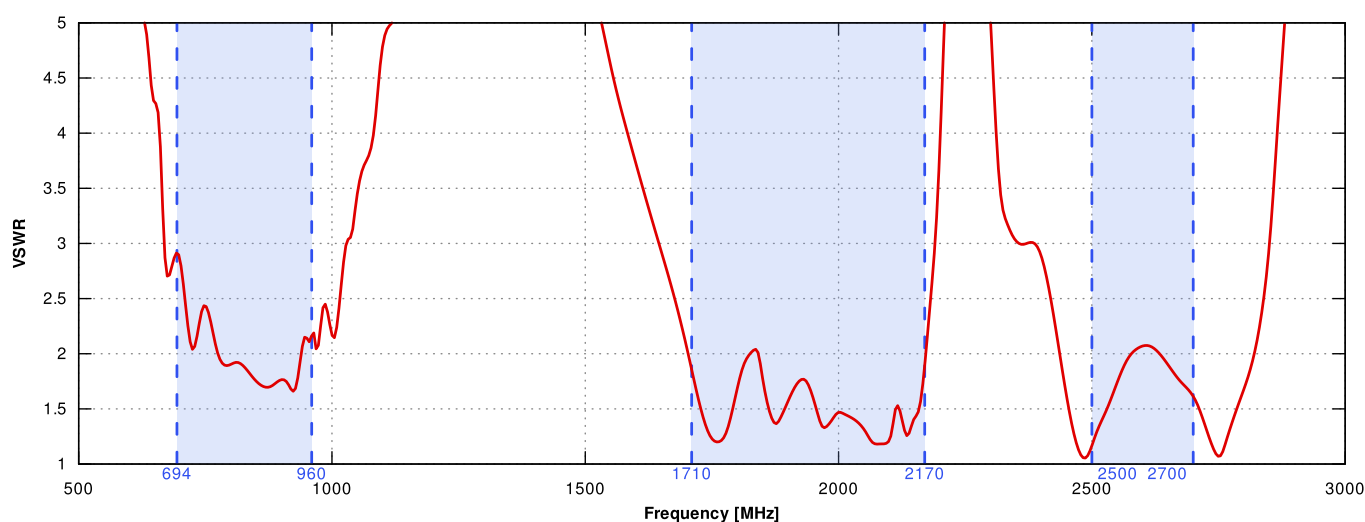
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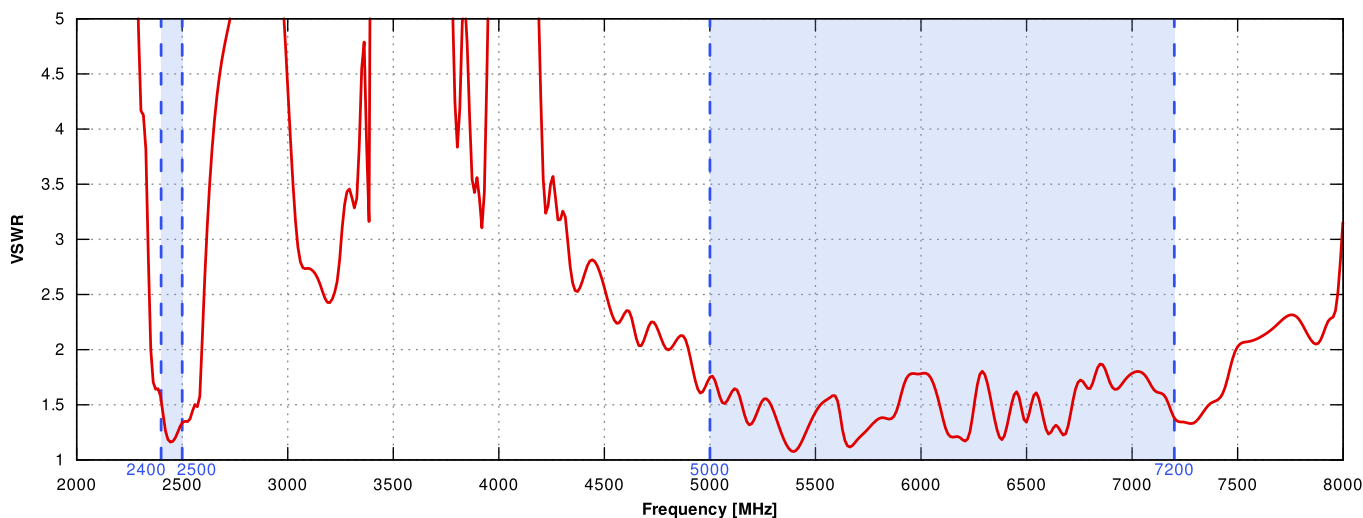
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PLOTS

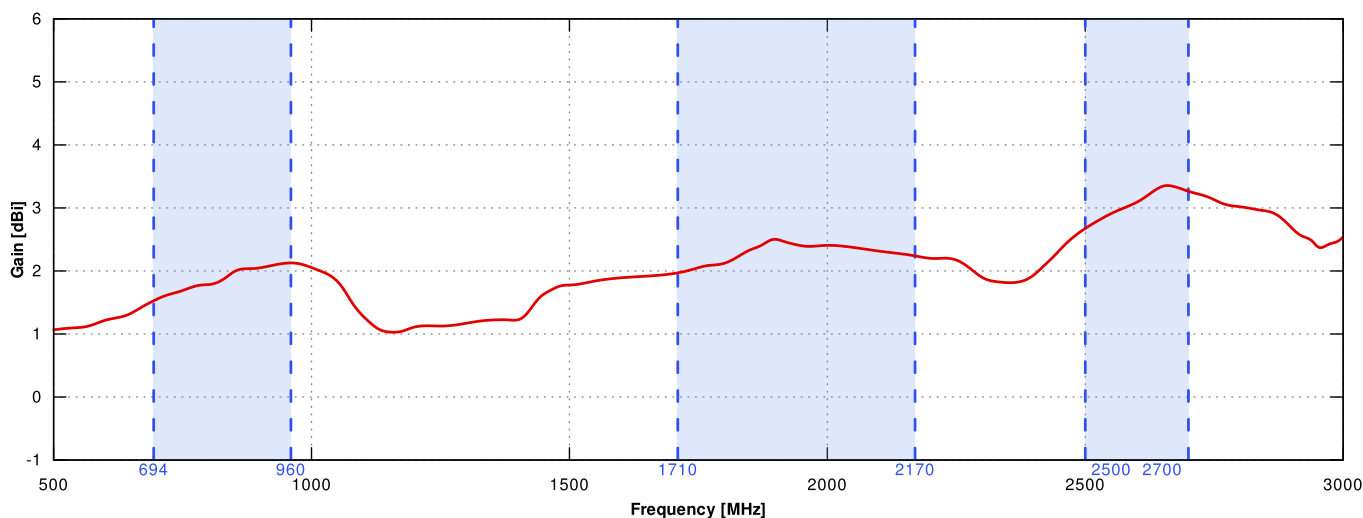
5G/LTE VSWR



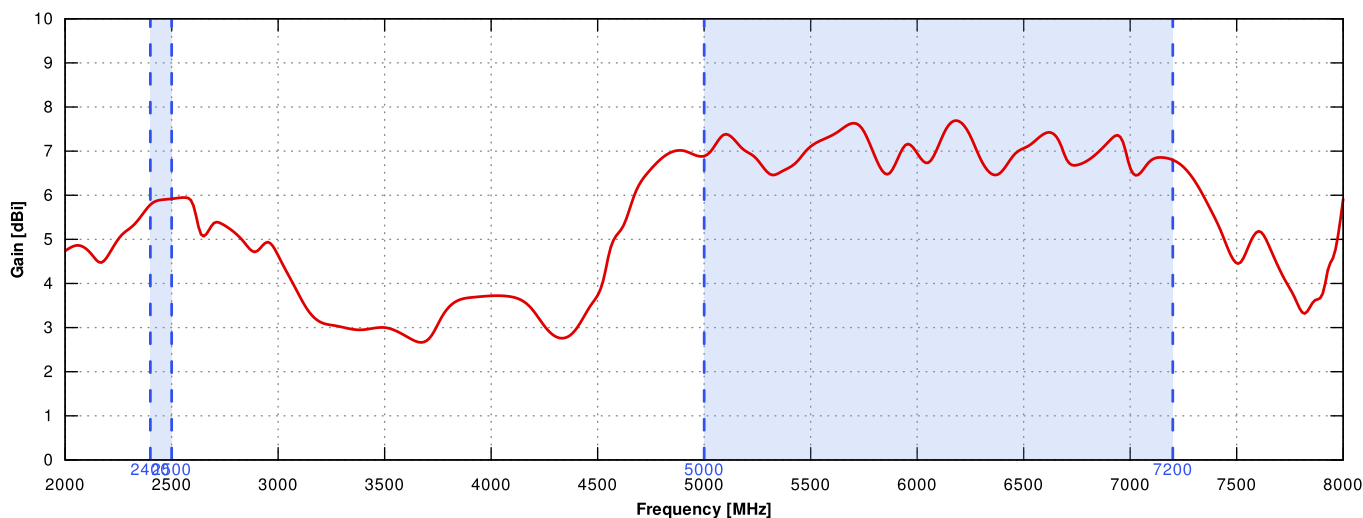
WI-FI VSWR



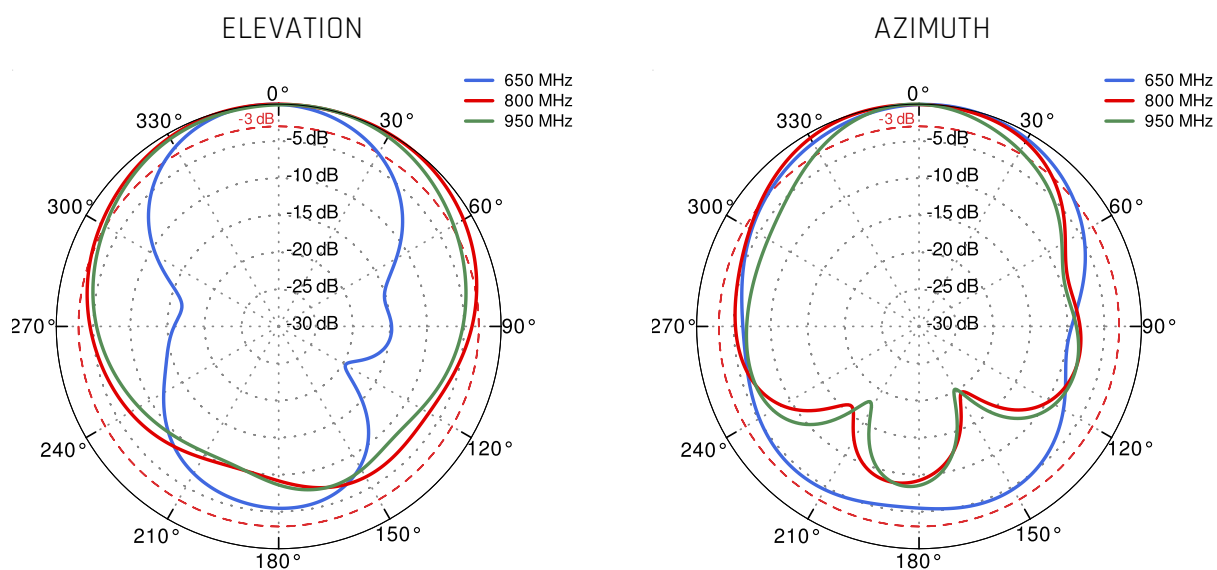
5G/LTE Gain



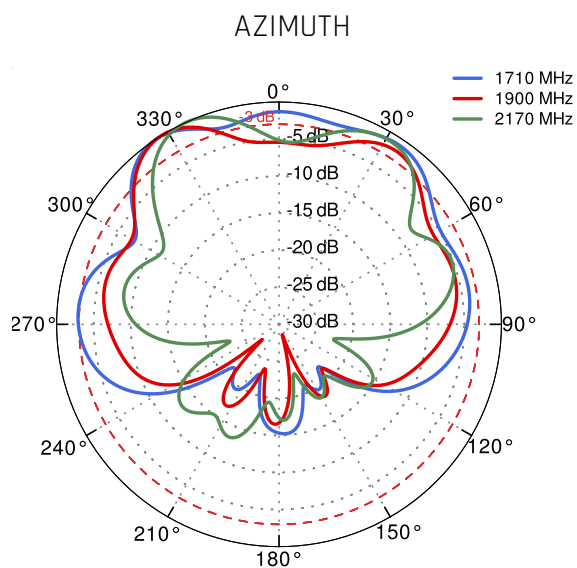
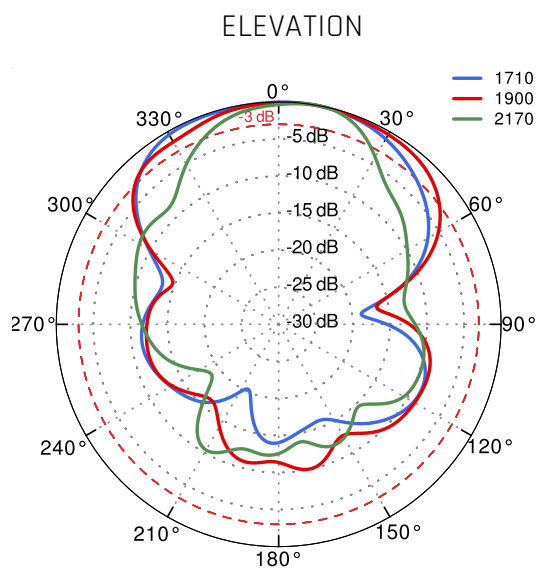
Wi-Fi Gain



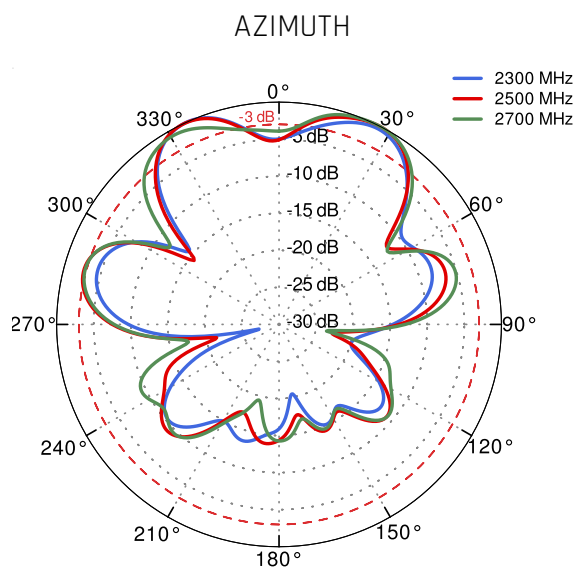
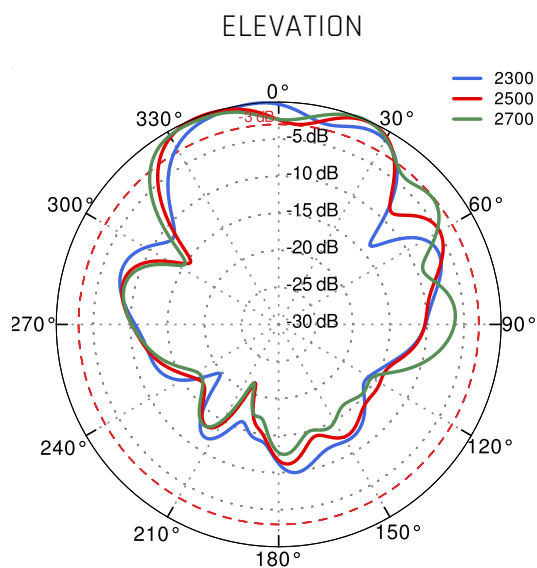
5G/LTE Port 1 from 700MHz to 900MHz



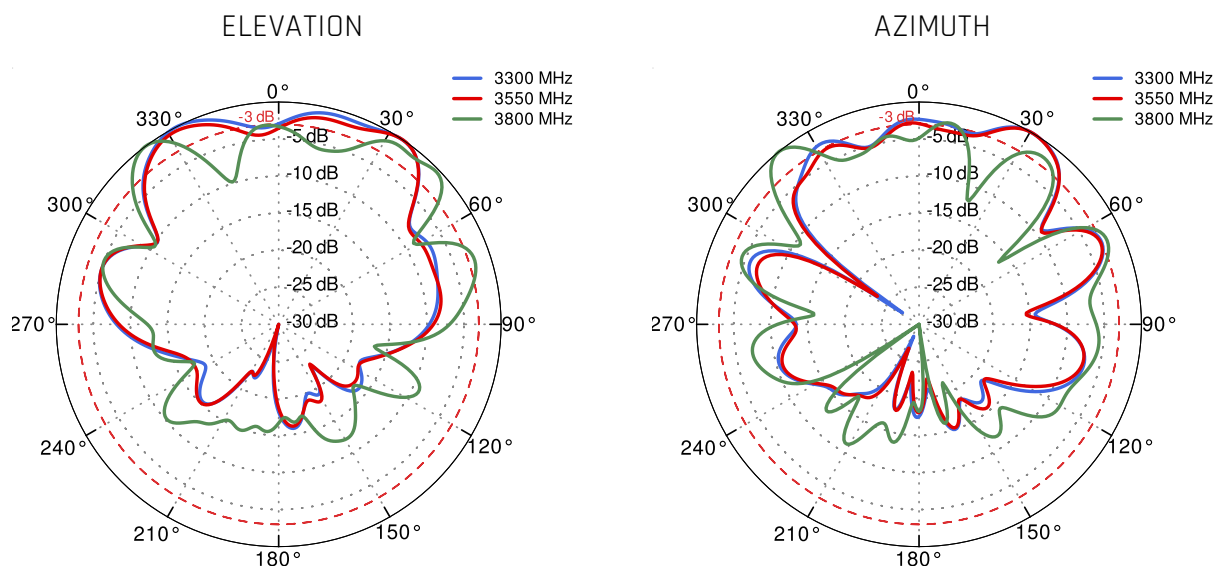
5G/LTE Port 1 from 1.71GHz to 2.17GHz



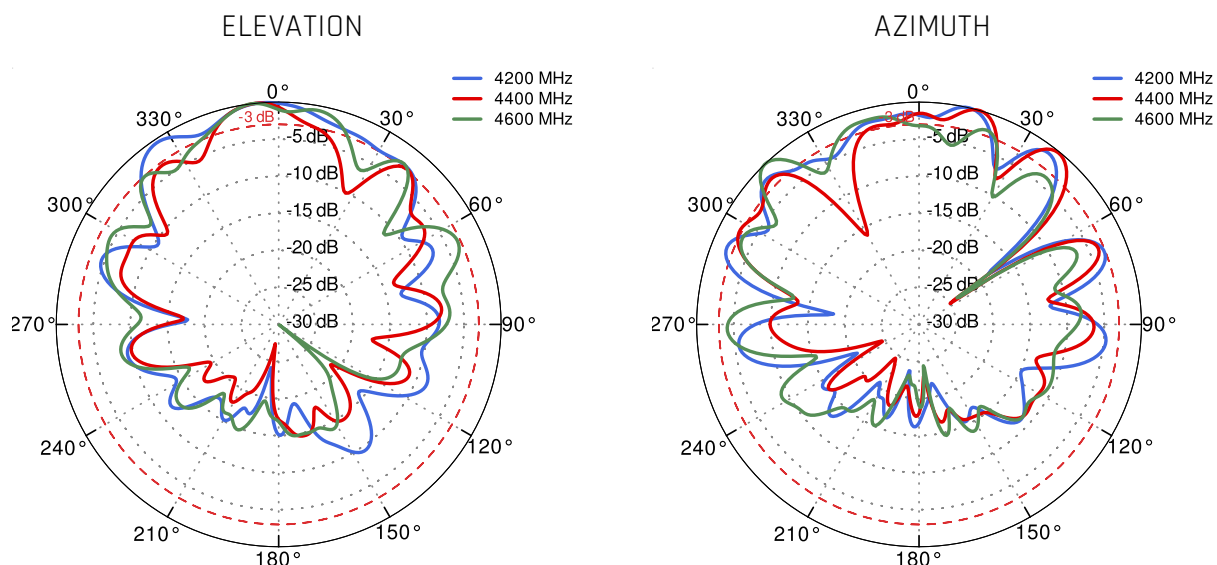
5G/LTE Port 1 from 2.3GHz to 2.7GHz



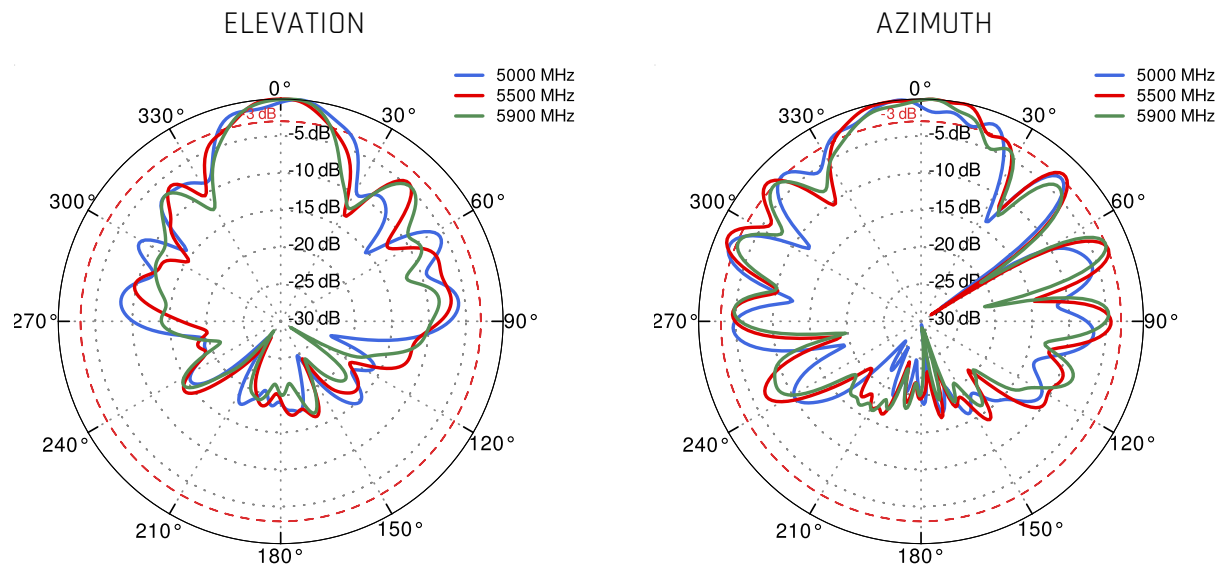
5G/LTE Port 1 from 3.3GHz to 3.8GHz



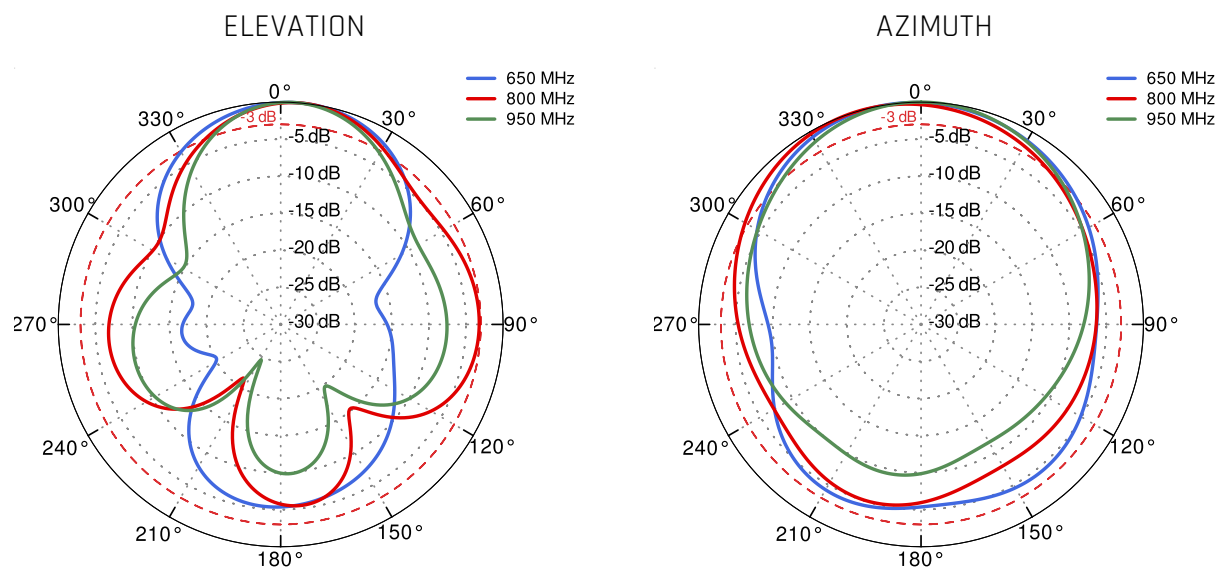
5G/LTE Port 1 from 4.2GHz to 4.6GHz



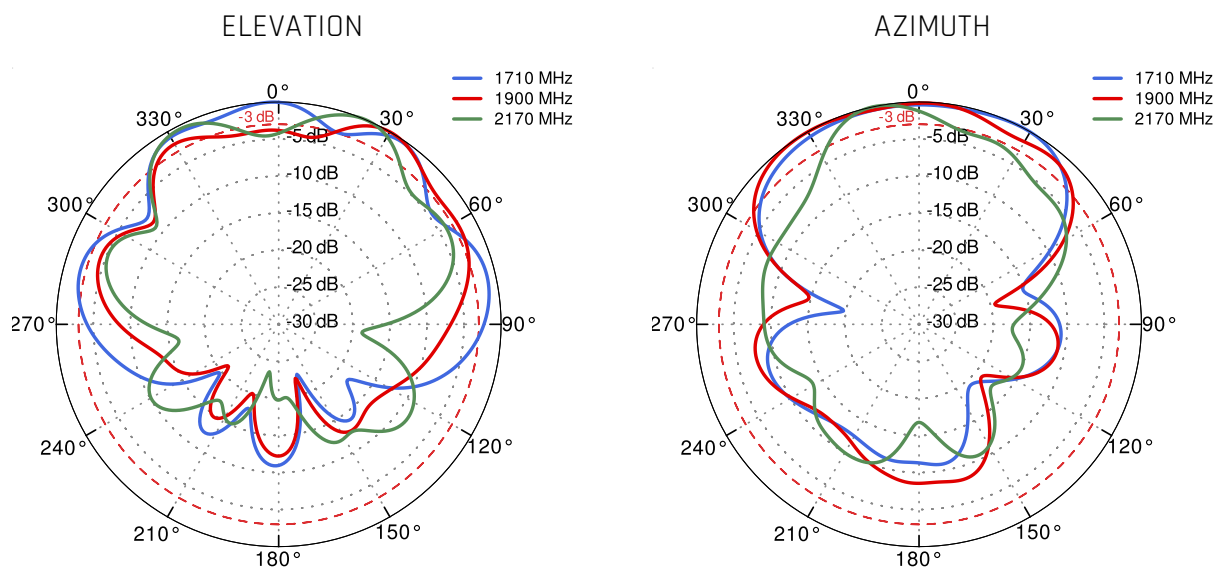
5G/LTE Port 1 from 5.0GHz to 5.9GHz



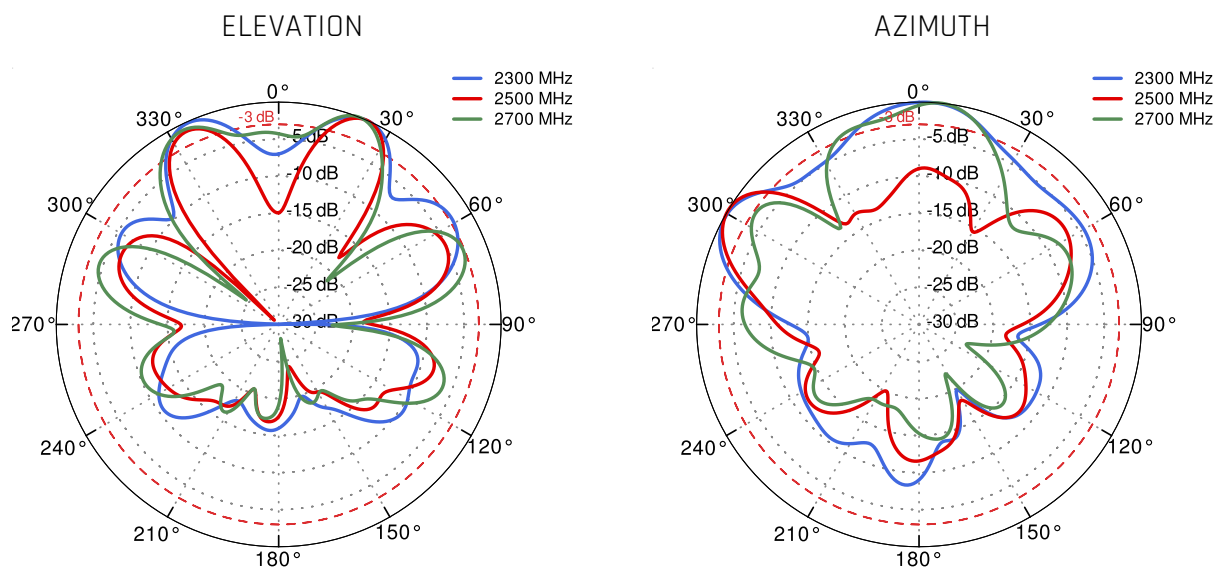
5G/LTE Port 2 from 700MHz to 900MHz



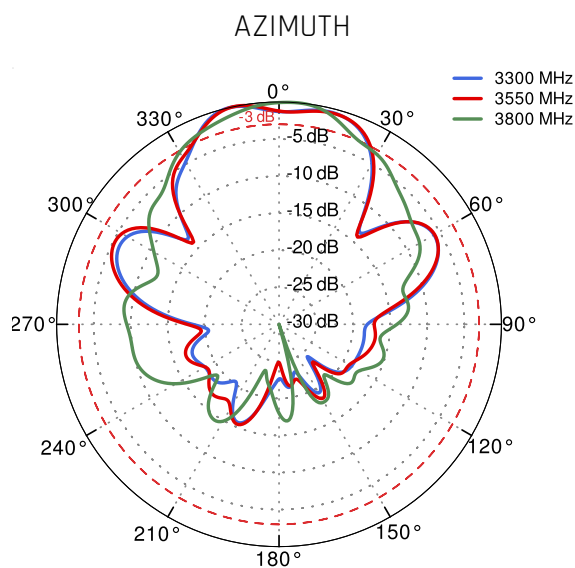
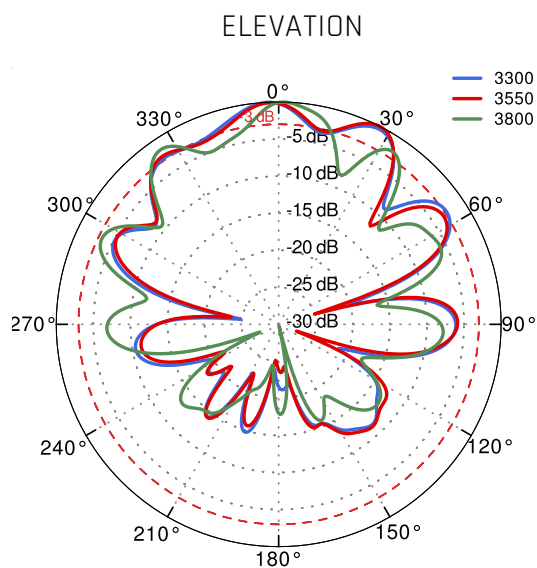
5G/LTE Port 2 from 1.71GHz to 2.17GHz



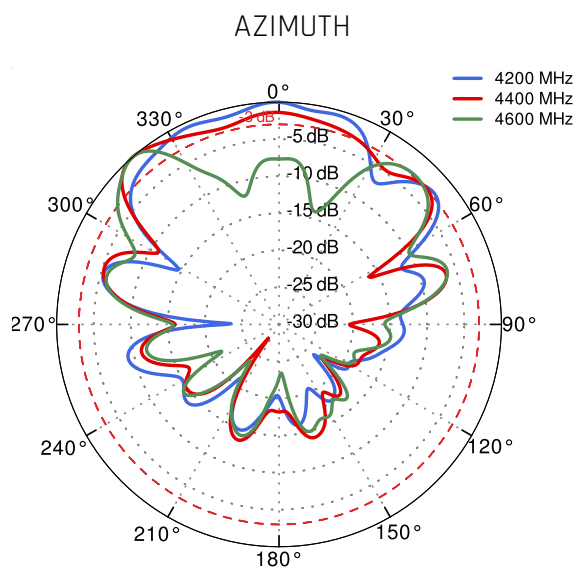
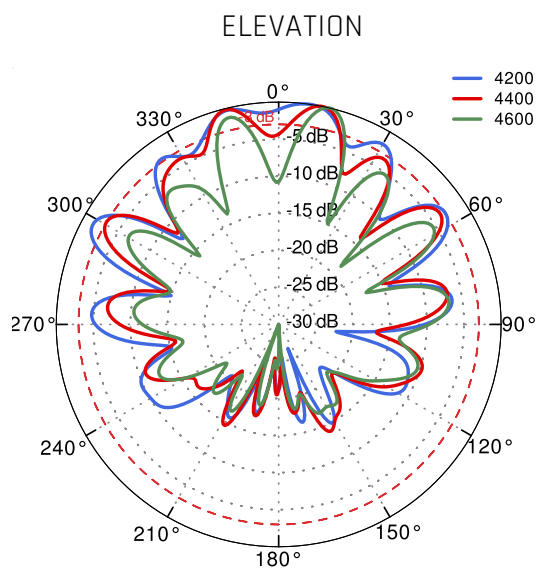
5G/LTE Port 2 from 2.3GHz to 2.7GHz



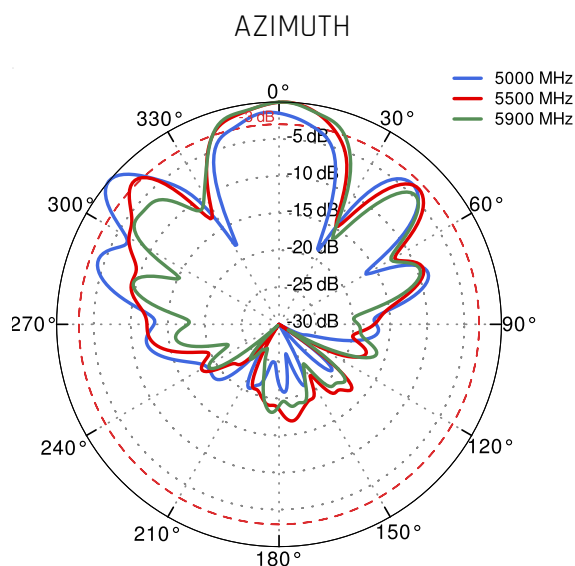
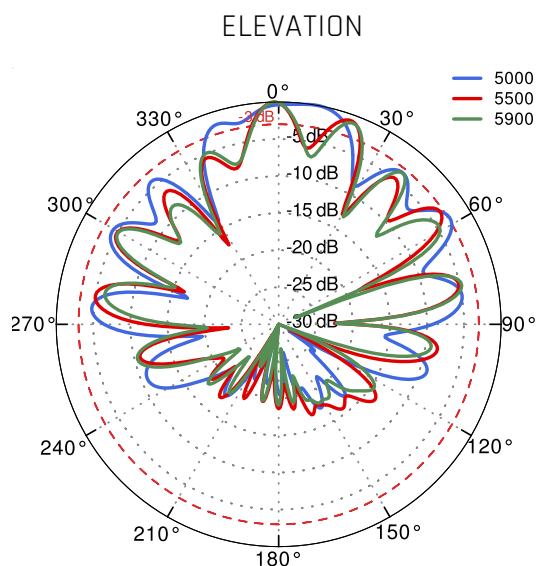
5G/LTE Port 2 from 3.3GHz to 3.8GHz



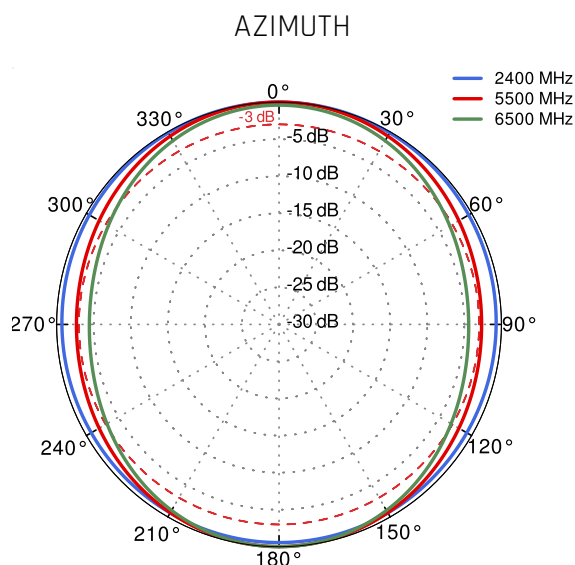
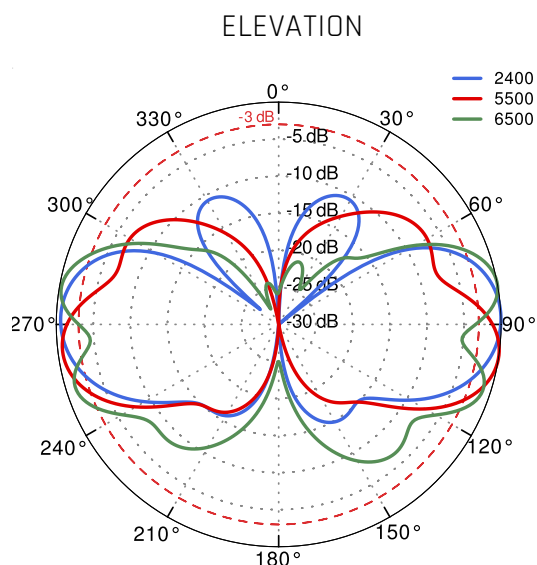
5G/LTE Port 2 from 4.2GHz to 4.6GHz



5G/LTE Port 2 from 5.0GHz to 5.9GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

