

QuMax Omni for Cradlepoint IBR600C & IBR900 & R500

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + GPS ANTENNA + POE SPLITTER + PLACE TO INSTALL CRADLEPOINT IBR600C & IBR900 & R500 (ALL-IN-ONE)

QuMax Omni all-in-one antenna for Cradlepoint IBR600C, IBR900 and R500 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 5G, Wi-Fi and GPS antenna. If you use IBR600c, IBR900 or R500 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure. The set contains a [Passive PoE splitter](#), allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.

5G
600-6350MHz
4 dBi**Wi Fi 6E** **GPS**
OMNI
DIRECTIONAL
IP 67
-40° TO +80°

OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



ANTENNA PERFECTLY MATCHED WITH THE CRADLEPOINT IBR600C & IBR900 & R500



ALL ANTENNAS AND CRADLEPOINT ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



5G/LTE SPECIFICATION

| | |
|----------------------------|---|
| FREQUENCY | 0.6 - 1.4 GHz 1.5 - 3.0 GHz 3.0 - 5.0 GHz 5.0 - 6.35 GHz |
| MAX. GAIN | 0.6 - 1.4 GHz : 2.6 dBi 1.5 - 3.0 GHz : 4.2 dBi 3.0 - 5.0 GHz : 4.4 dBi 5.0 - 6.35 GHz : 2.1 dBi |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256 |
| SUPPORTED 5G BANDS | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n54, n65, n66, n67, n68, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n99, n100, n101, n105, n106, n250, n251, n252, n253, n254, n255, n256 |
| VSWR | <2.00, max <3.00 |
| BEAMWIDTH | 360°/35° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

WI-FI SPECIFICATION

| | |
|---------------------|---|
| FREQUENCY | 2.4 - 2.5 GHz 5.0 - 7.2 GHz |
| MAX. GAIN | 2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi |
| VSWR | < 1.50, 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 | 270.0 x 270.0 x 96.0 mm 10.60 x 10.60 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 |
| ENCLOSURE RECOMMENDED TIGHTENING TORQUE | 0.6 - 0.8 Nm |

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 - 66mm
0.98-2.60 inch

MATERIAL

Polyamide with fiberglass + galvanized steel U-Bolts

WEIGHT

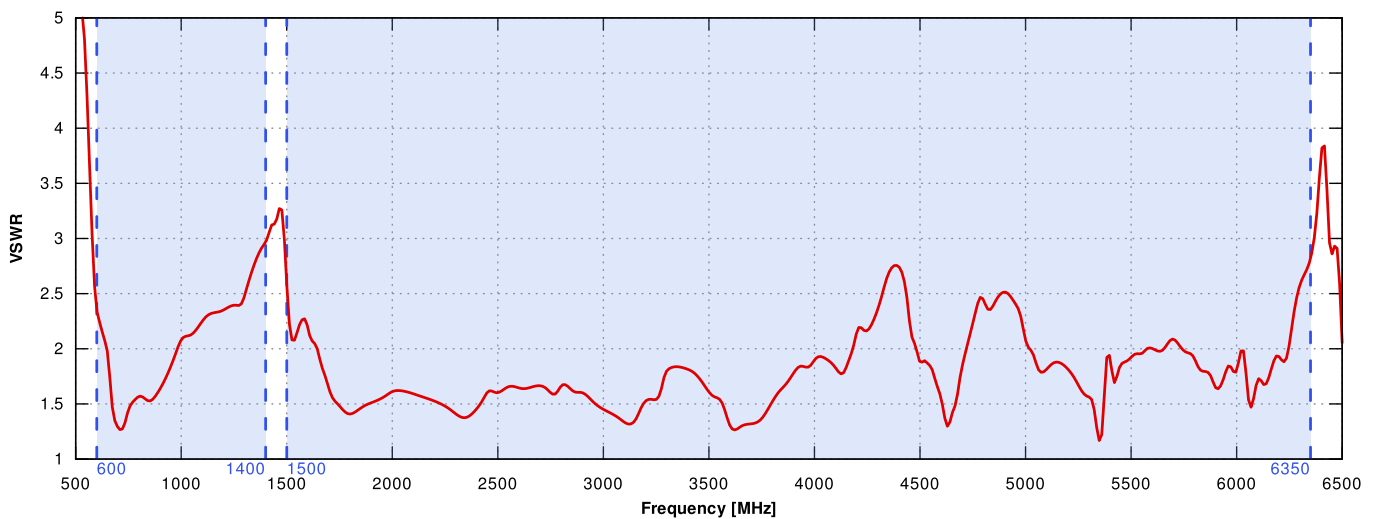
0.87kg

MOUNTING PLACE

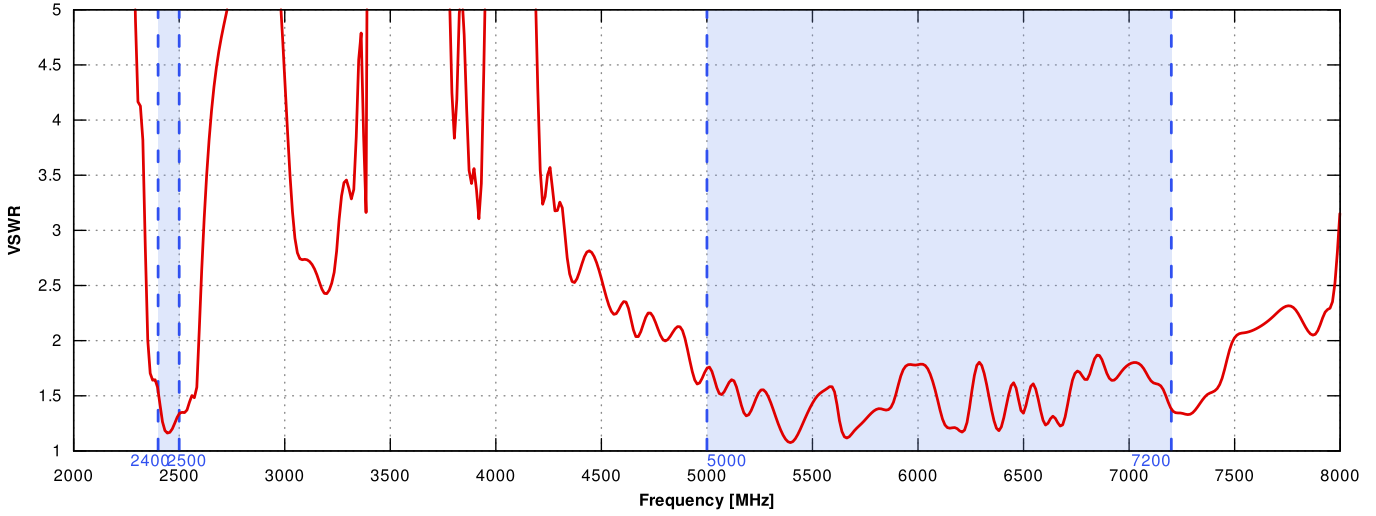
Wall or mast or ceiling

PLOTS

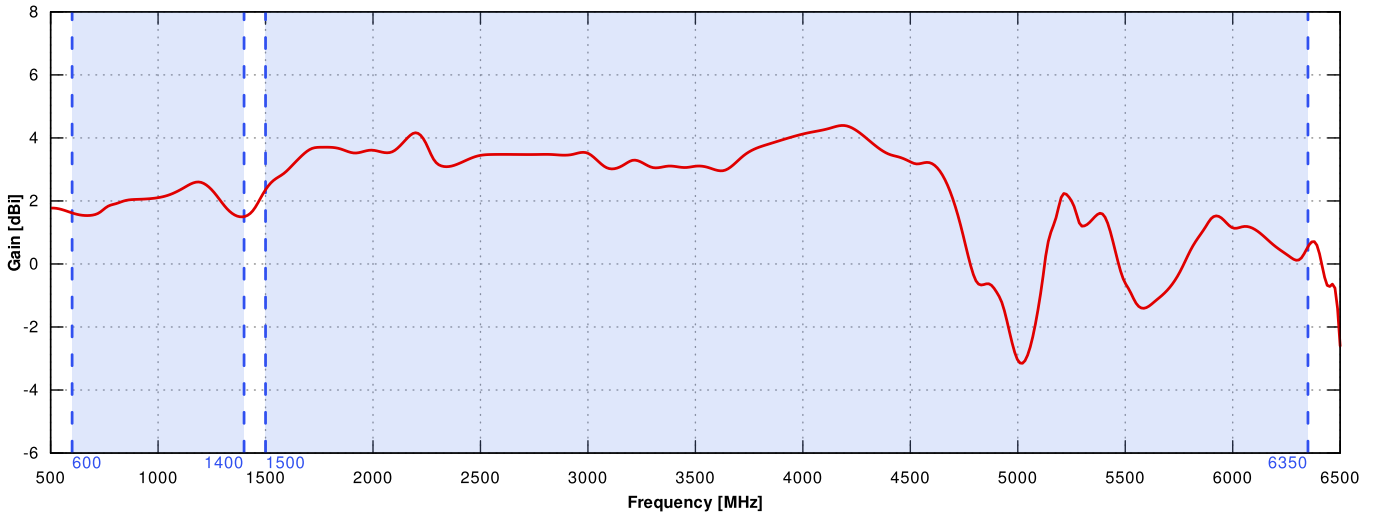
VSWR for 5G/LTE antenna



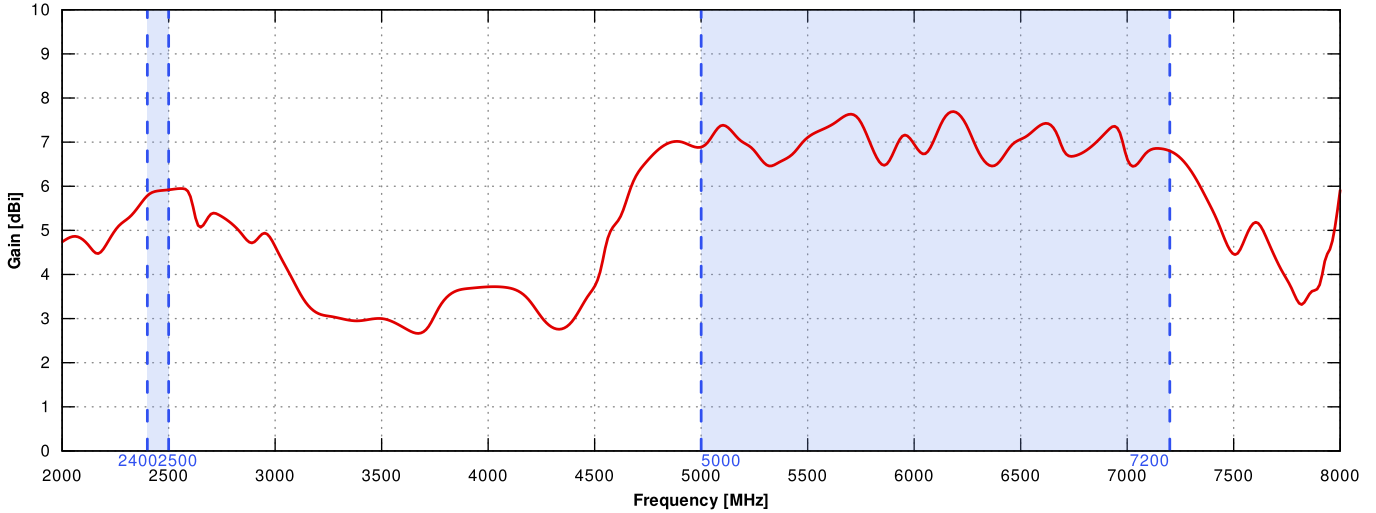
VSWR for Wi-Fi antenna



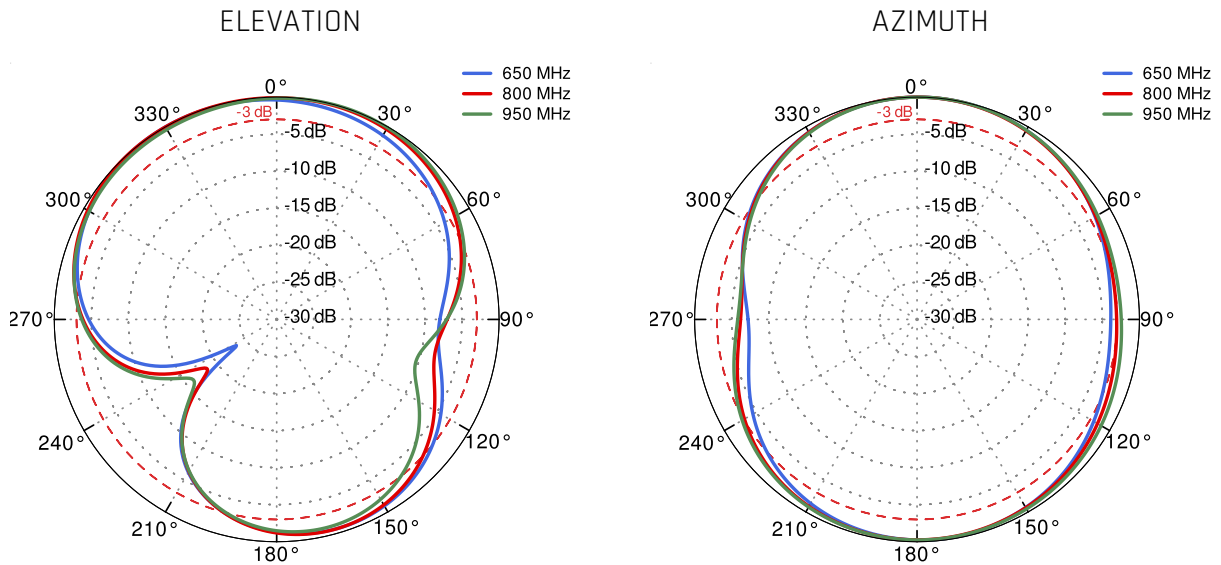
Gain for 5G/LTE antenna



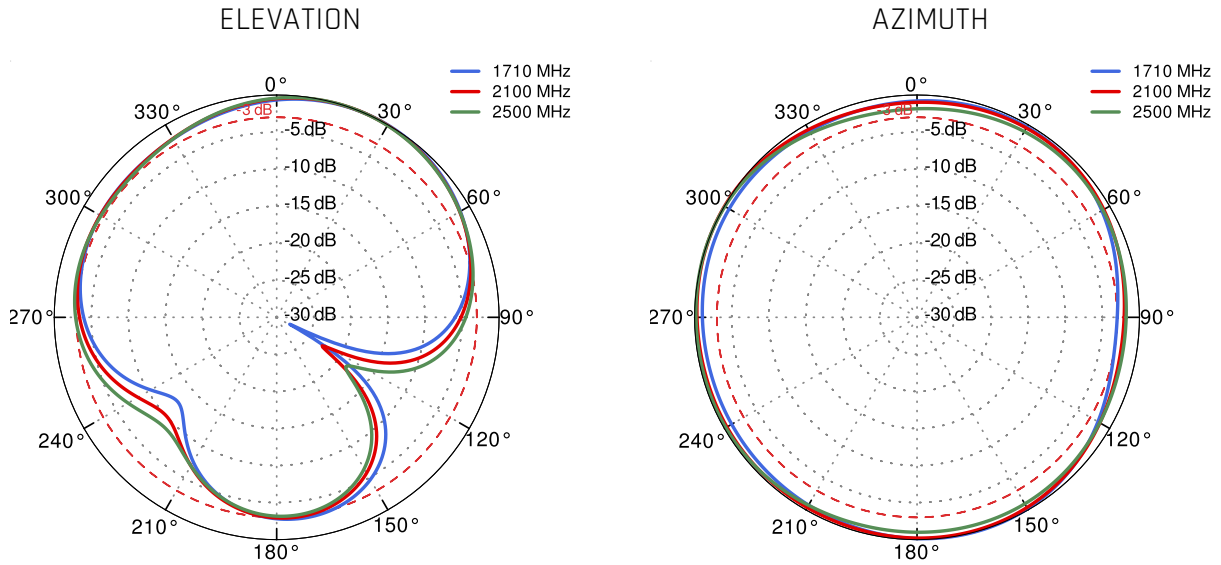
Gain for Wi-Fi antenna



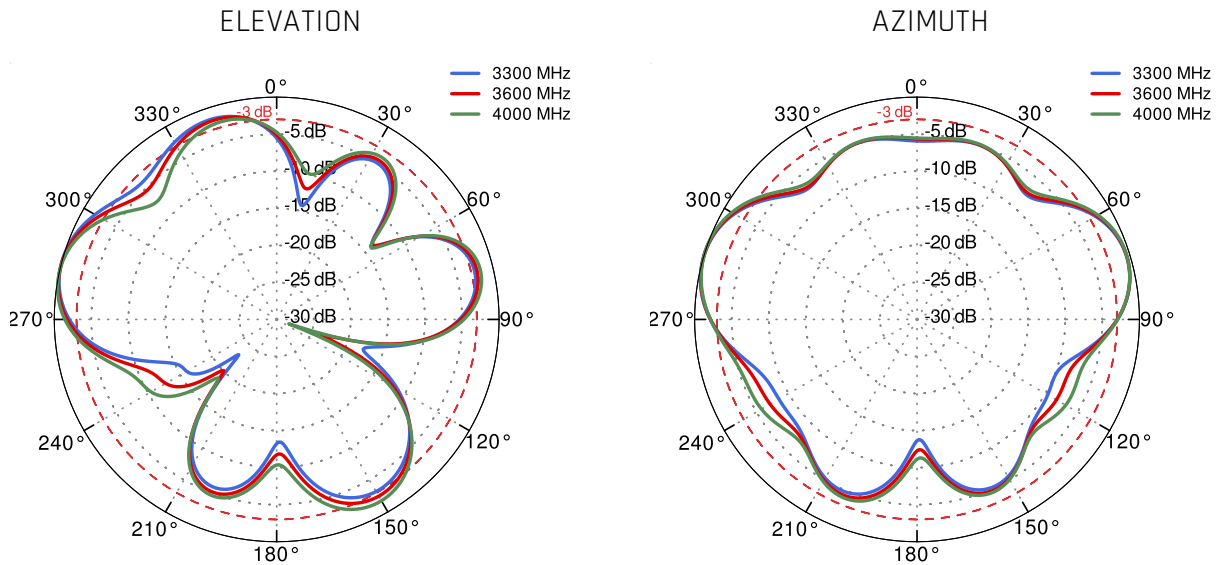
5G/LTE from 650MHz to 950MHz



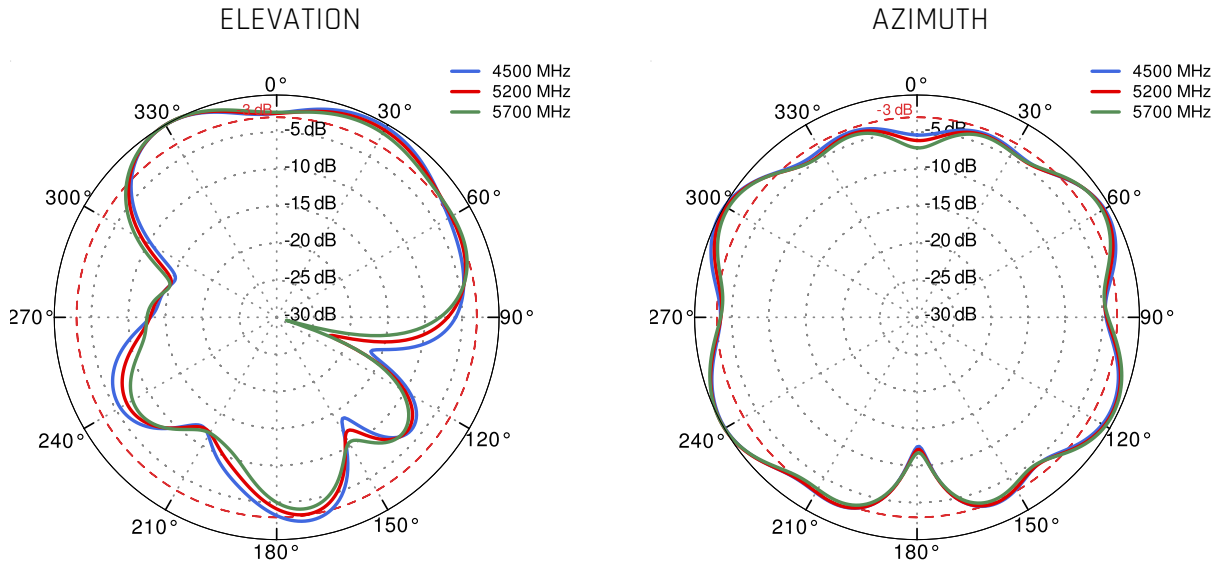
5G/LTE from 1.71GHz to 2.5GHz



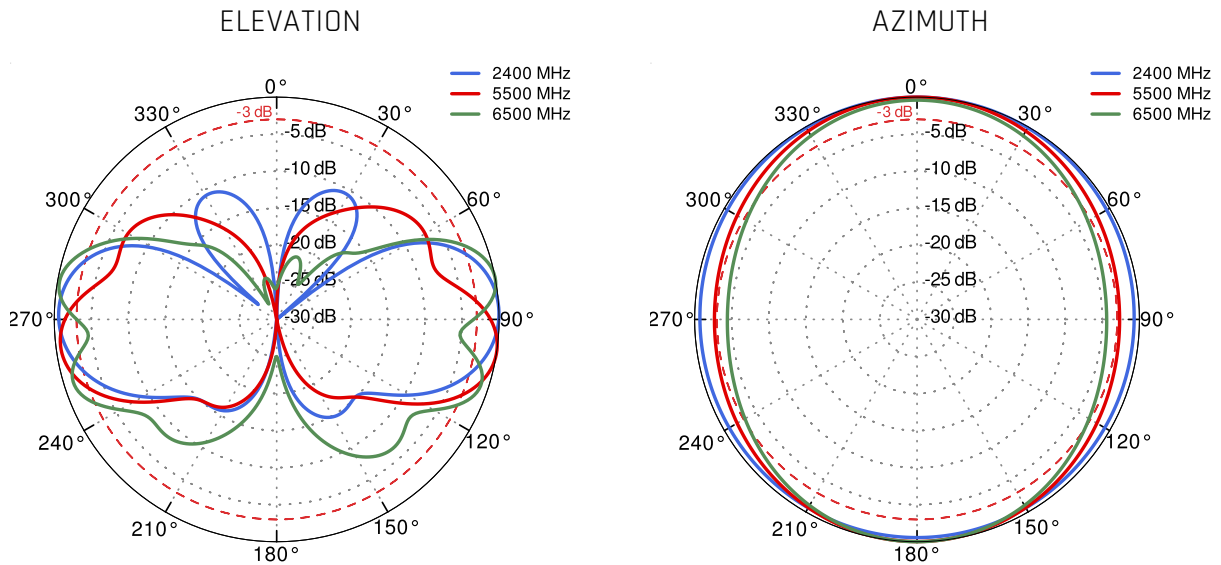
5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5 GHz to 5.5 GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

