

QuMax Omni for Cradlepoint R920 AT

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + BLUETOOTH ANTENNA + GPS ANTENNA + PLACE TO INSTALL CRADLEPOINT R920 (ALL-IN-ONE)

QuMax Omni for Cradlepoint R920 AT is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 2*5G, 2*Wi-Fi, Bluetooth and GPS antenna. If you use R920 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a [802.3at 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. Using QuWireless splitter provides 3KA surge and lightning protection.

Wi-Fi 6E support!



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



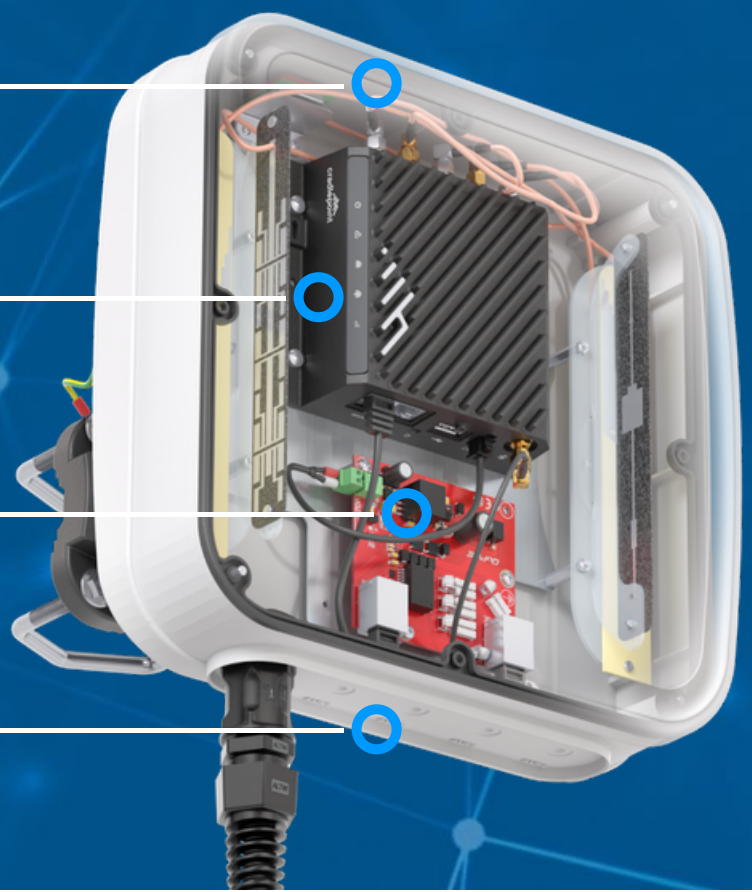
ANTENNA PERFECTLY MATCHED WITH THE CRADLEPOINT R920



ALL ANTENNAS AND CRADLEPOINT ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



5G / LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 : 2.5dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x SMA
CABLE TYPE	RG316

WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 6 dBi 5.0 - 6.0 GHz: 7.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

GPS ACTIVE ANTENNA SPECIFICATION

FREQUENCY	1.56 - 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)

CONNECTOR

1x SMA

CABLE TYPE

RG174

MECHANICAL SPECIFICATION

MATERIAL

BS, aluminum, PTFE, Fiberglass

INGRESS PROTECTION

IP67

CONNECTOR TYPE

RJ45

DIMENSIONS272 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**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

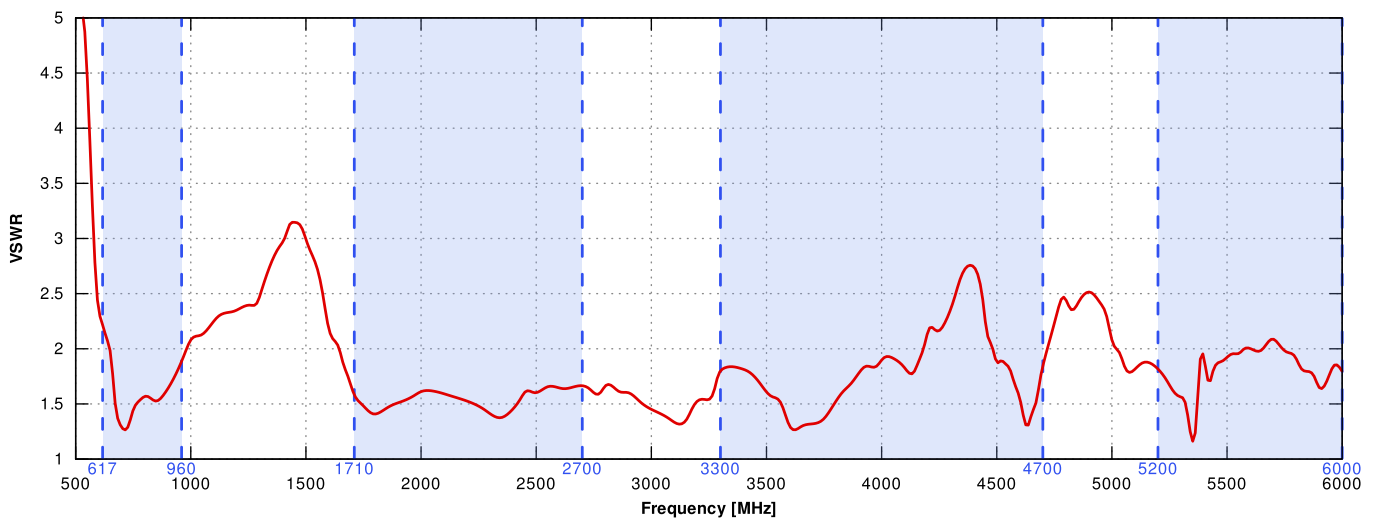
0.87kg

MOUNTING PLACE

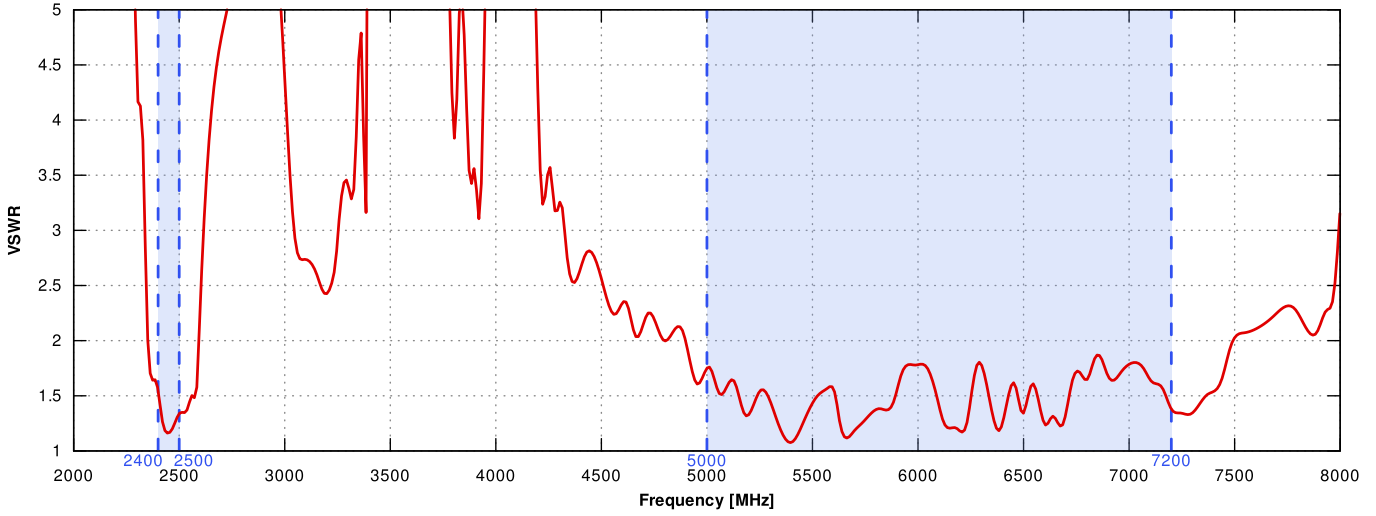
Wall or mast or ceiling

PLOTS

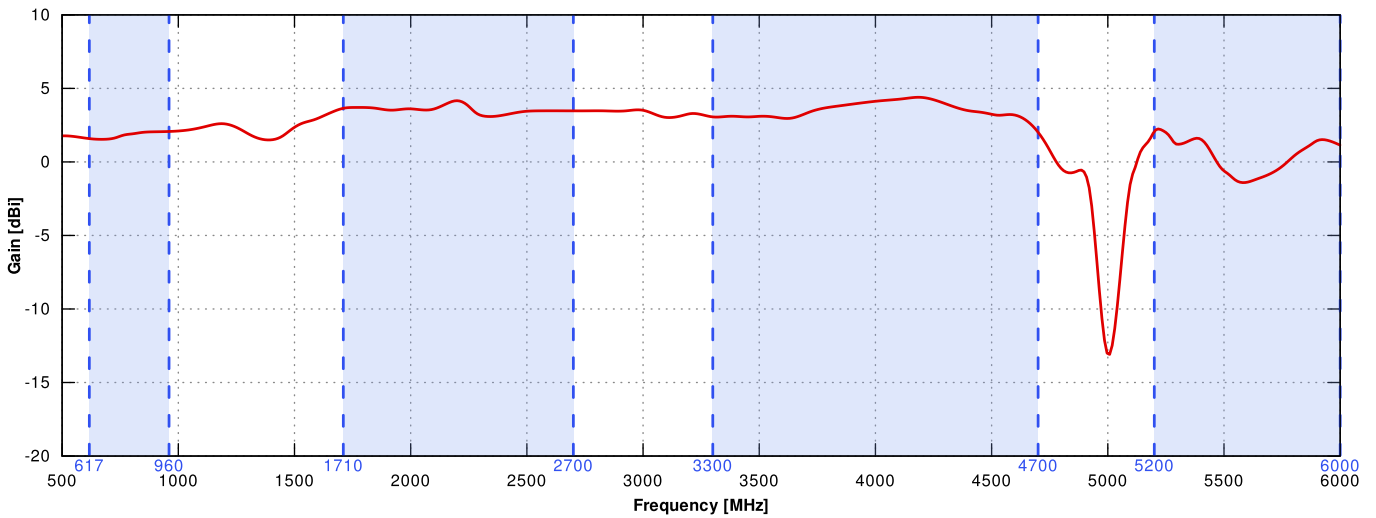
5G/LTE VSWR



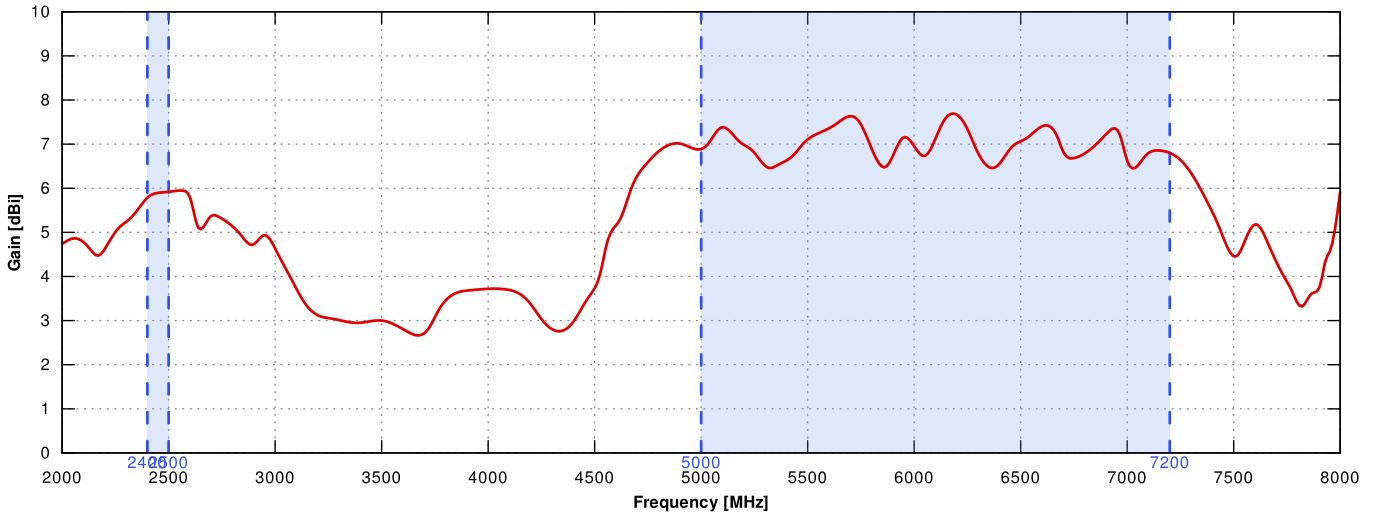
WI-FI VSWR



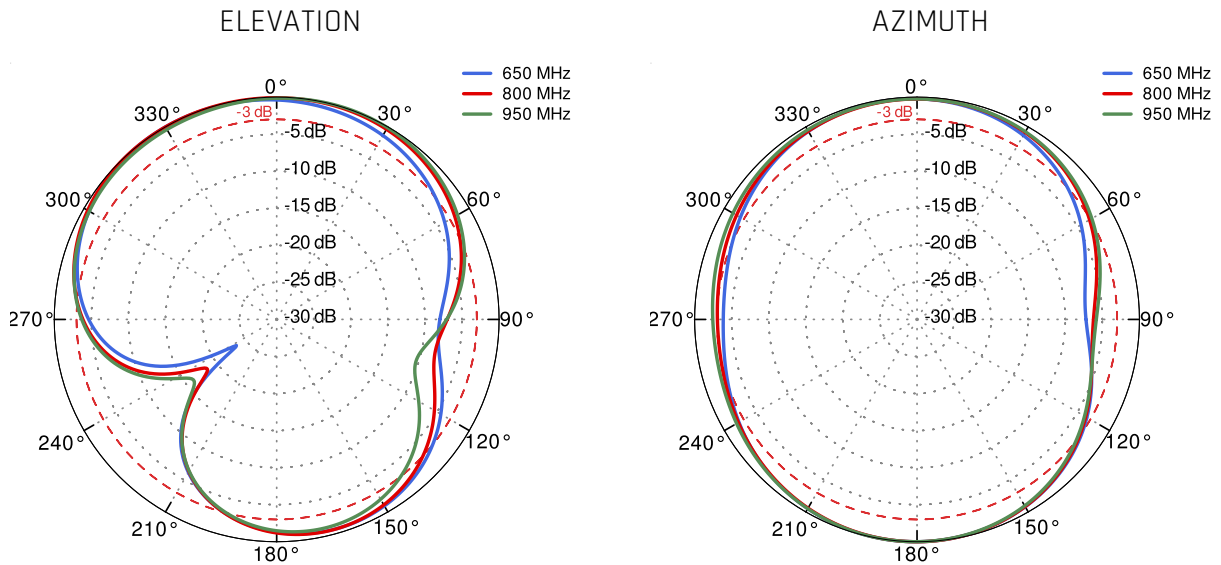
5G/LTE Gain



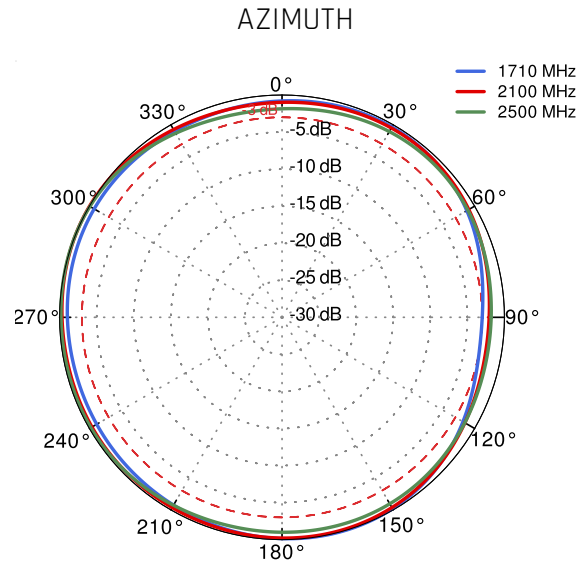
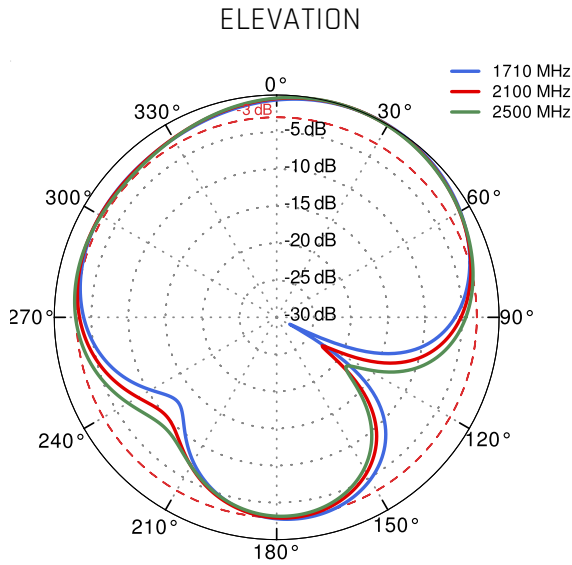
Wi-Fi Gain



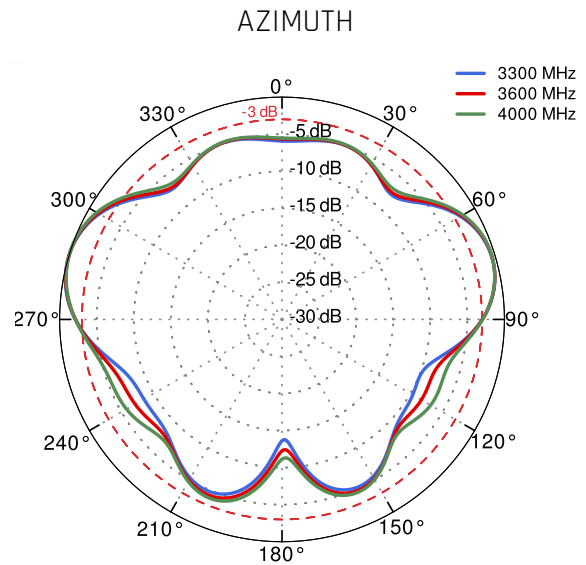
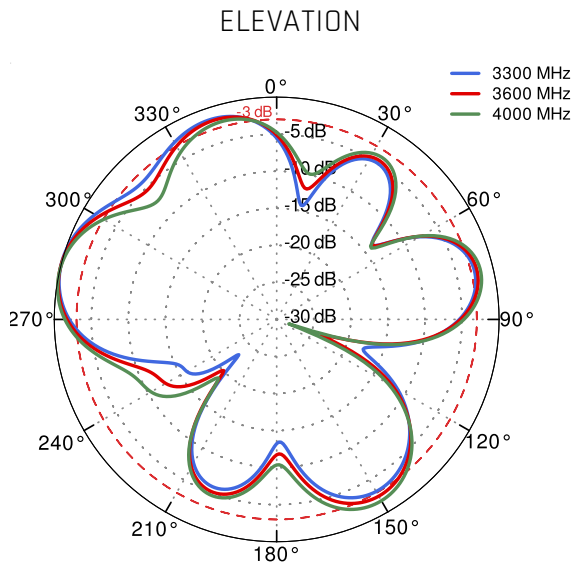
5G/LTE from 650MHz to 950MHz



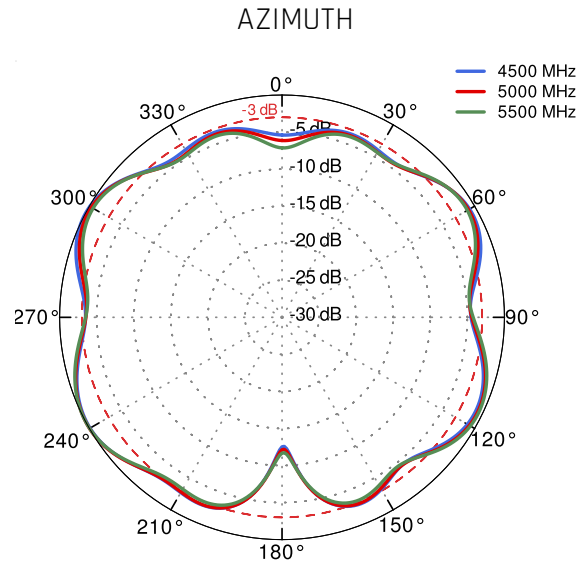
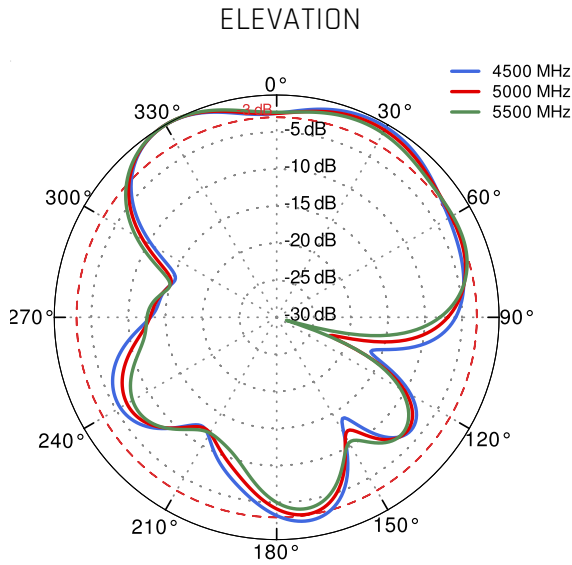
5G/LTE from 1.71GHz to 2.5GHz



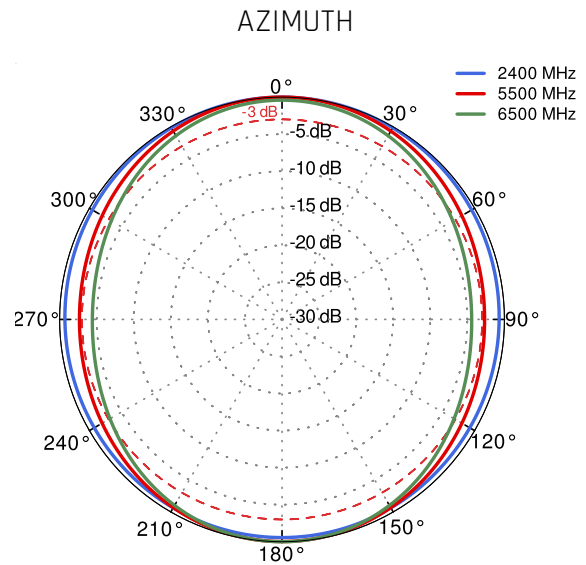
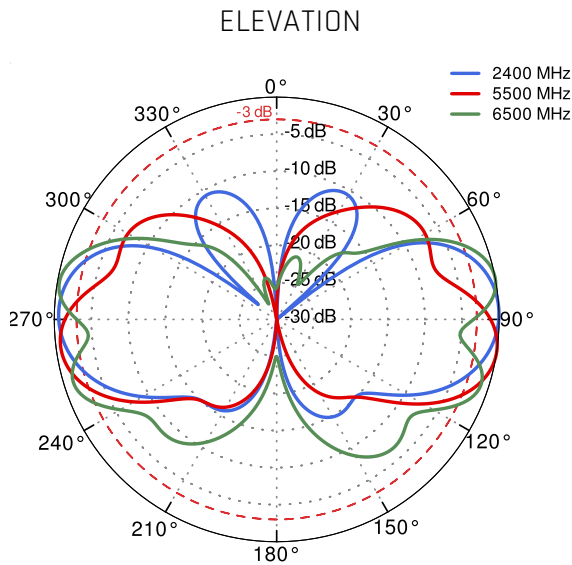
5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

