

QuSpot for Ericsson (Cradlepoint) S400

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + PLACE TO INSTALL ERICSSON (CRADLEPOINT) S400 (ALL-IN-ONE)

QuSpot for Ericsson (Cradlepoint) S400 is an outdoor antenna designed to provide reliable wireless connectivity in a variety of environments. This product is an all in one solution that integrates a high gain omnidirectional 5G and Wi-Fi antennas with S400 into a single IP68 (IP67) enclosure. Such integration allows implementation of new outdoor 5G solutions.

QuSpot for Ericsson (Cradlepoint) S400 is an ideal solution for outdoor wireless connectivity in moving applications such as transportation, yachting, boats and camping but also city centres with high signal density.

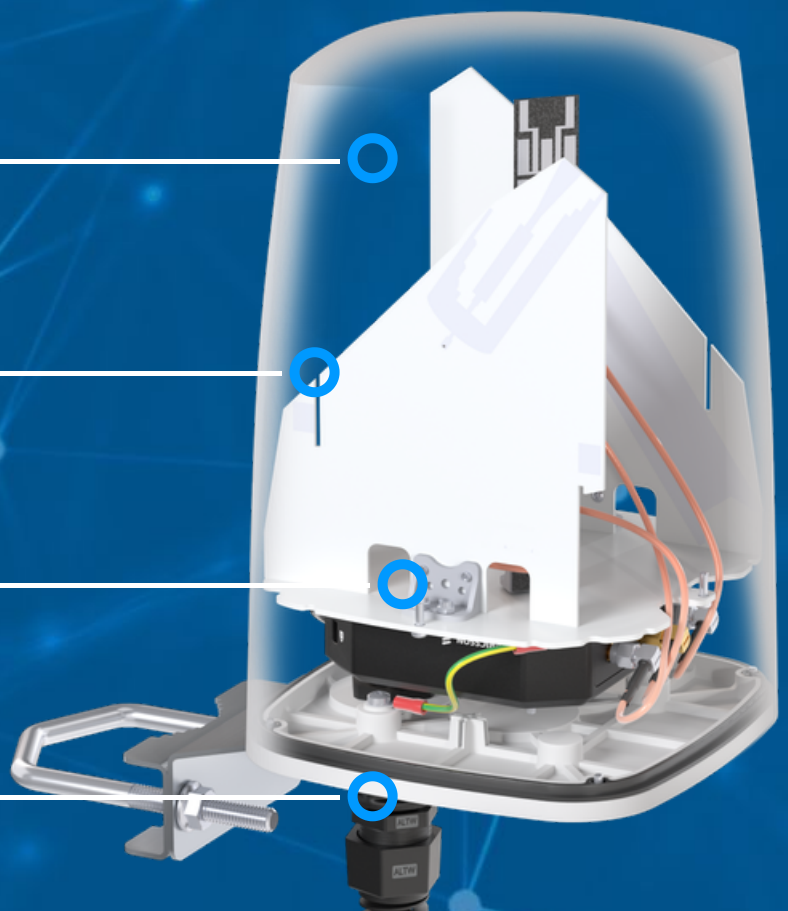


 OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68

 ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER

 802.3AF ACTIVE **POE SUPPORT**

 MADE IN **EUROPE**



5G ANTENNA SPECIFICATION

| | |
|----------------------------|---|
| FREQUENCY | 617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz |
| GAIN | 617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2 dBi |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 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, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 1067, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, n77, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101 |
| SUPPORTED 5G BANDS | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| VSWR | <2.00, max <2.50 |
| BEAMWIDTH | 360°/25° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |
| CONNECTOR | 2x SMA |
| CABLE TYPE | RG316 |

WI-FI ANTENNA SPECIFICATION

| | |
|---------------------|--|
| FREQUENCY | 2.4 - 2.5 GHz 5.0 - 7.2 GHz |
| GAIN | 2.4 - 2.5 GHz : 6 dBi 5.0 - 7.2 GHz : 7.5 dBi |
| VSWR | <1.50, max <2.00 |
| BEAMWIDTH | 360°/25° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |
| CONNECTOR | 1x RPSMA |
| CABLE TYPE | RG316 |

MECHANICAL SPECIFICATION

| | |
|------------------------------|---|
| MATERIALS | ABS, aluminum, PTFE |
| CONNECTOR TYPE | RJ45 |
| INGRESS PROTECTION | IP68 |
| DIMENSIONS | 160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch |
| WEIGHT | 1.5 kg 3.31 lbs |
| OPERATING TEMPERATURE | From -40°C to 75°C From -40°F to 167°F |

**ENCLOSURE RECOMMENDED
TIGHTENING TORQUE**

0.5 - 0.7 Nm

MAST DIAMETER

25-66 mm
0.98-2.60 inch

FREQUENCY BANDS

LTE / 4G

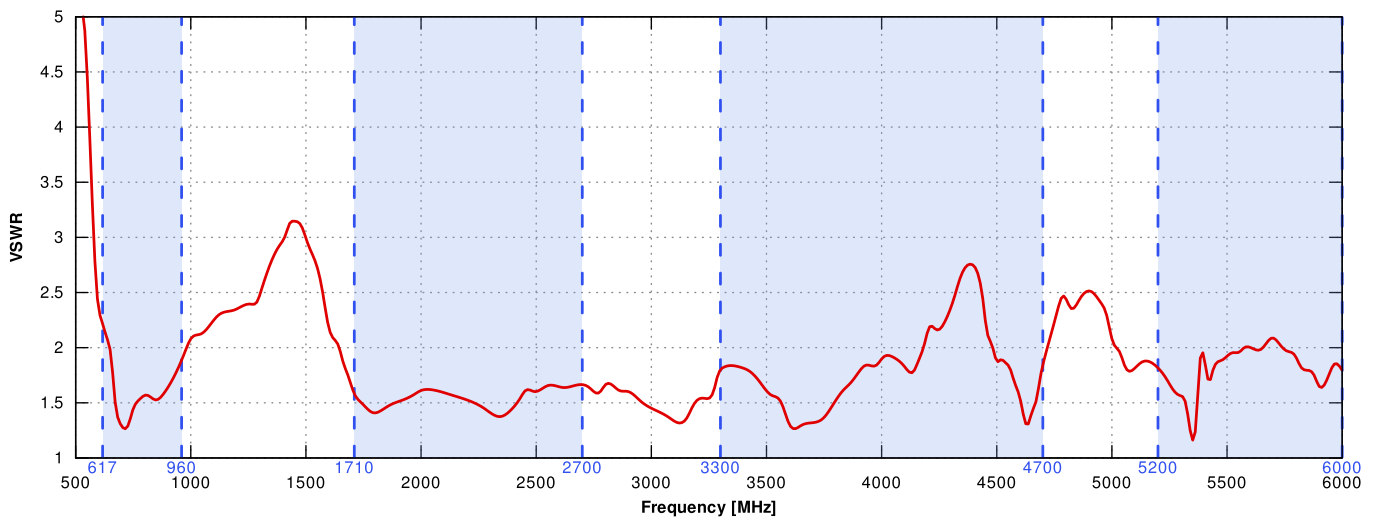
| | | | | | | | | |
|------------|----|----|----|----|-----|-----|----|-------------|
| | 1 | 2 | 3 | 4 | 5 | 7 | 8 | |
| | 9 | 10 | 12 | 13 | 14 | 17 | 18 | |
| | 19 | 20 | 22 | 25 | 26 | 27 | 28 | |
| 617 MHz | 29 | 30 | 33 | 34 | 35 | 36 | 37 | 4300 MHz |
| | 38 | 39 | 40 | 41 | 42 | 43 | 44 | |
| | 48 | 49 | 52 | 53 | 65 | 66 | 67 | |
| | 68 | 69 | 71 | 85 | 103 | 106 | | |

5G

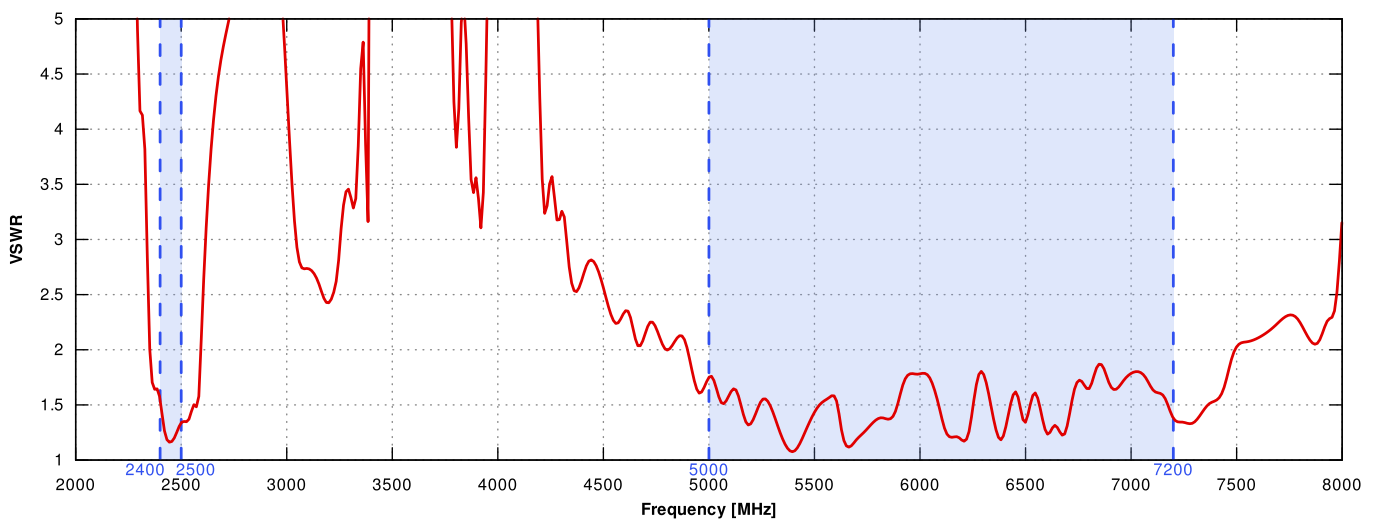
| | | | | | | | | |
|------------|------|------|-----|-----|-----|-----|------|-------------|
| | n1 | n2 | n3 | n5 | n7 | n8 | n12 | |
| | n13 | n14 | n18 | n20 | n25 | n26 | n28 | |
| | n29 | n30 | n34 | n38 | n39 | n40 | n41 | |
| 617 MHz | n48 | n53 | n65 | n66 | n67 | n71 | n77 | 4300 MHz |
| | n78 | n80 | n81 | n82 | n83 | n84 | n85 | |
| | n86 | n89 | n90 | n95 | n97 | n98 | n100 | |
| | n101 | n256 | | | | | | |

PLOTS

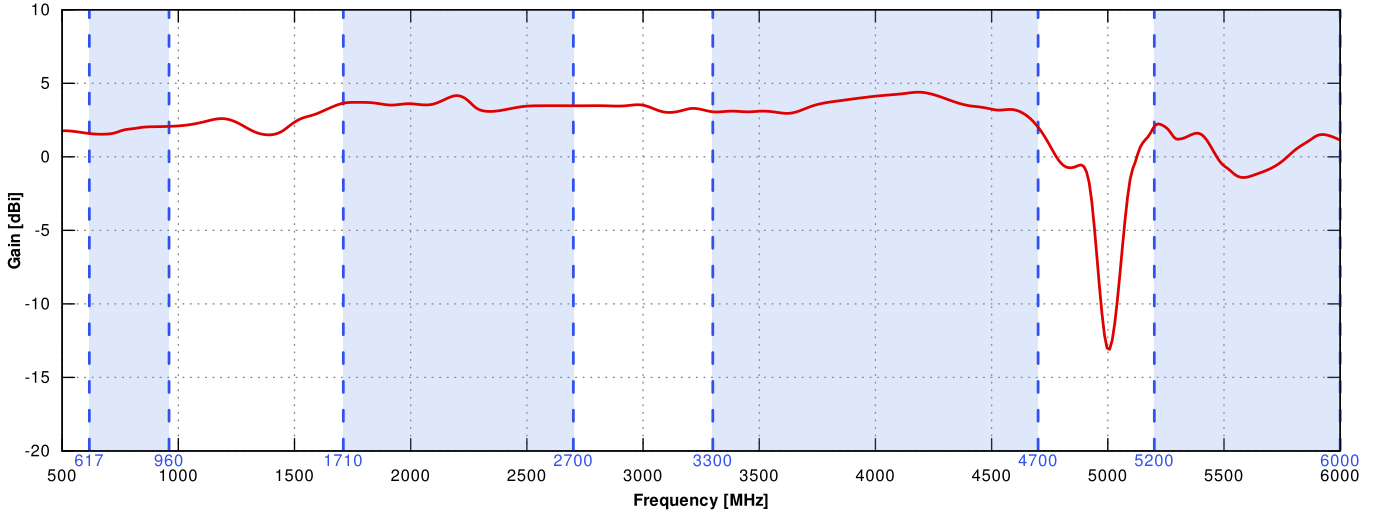
VSWR for 5G/LTE antenna



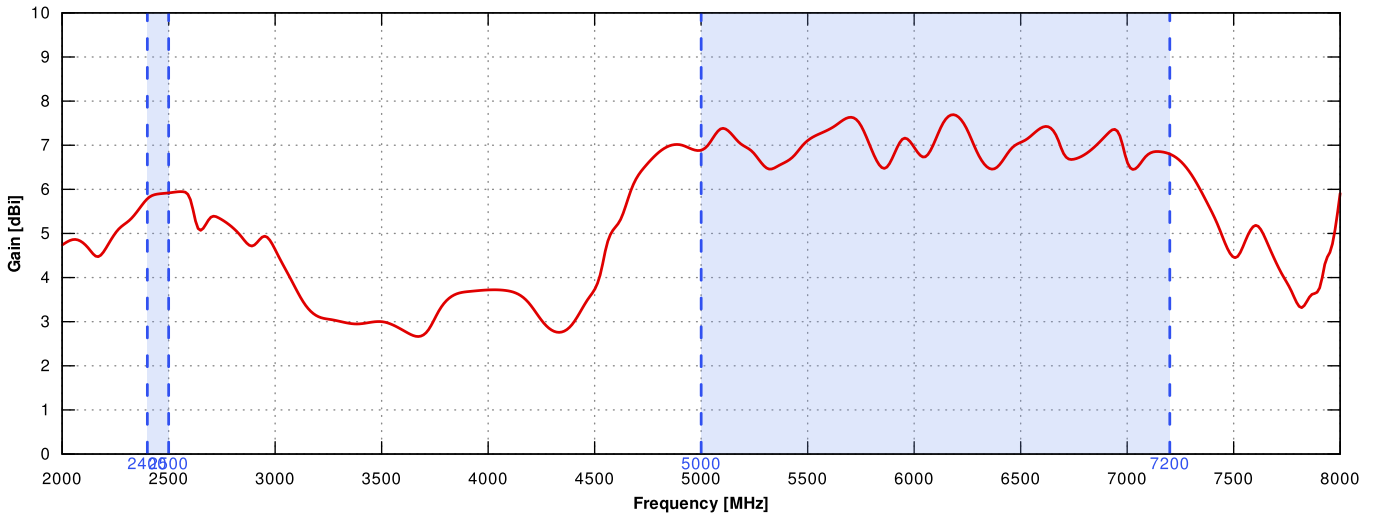
VSWR for Wi-Fi antenna



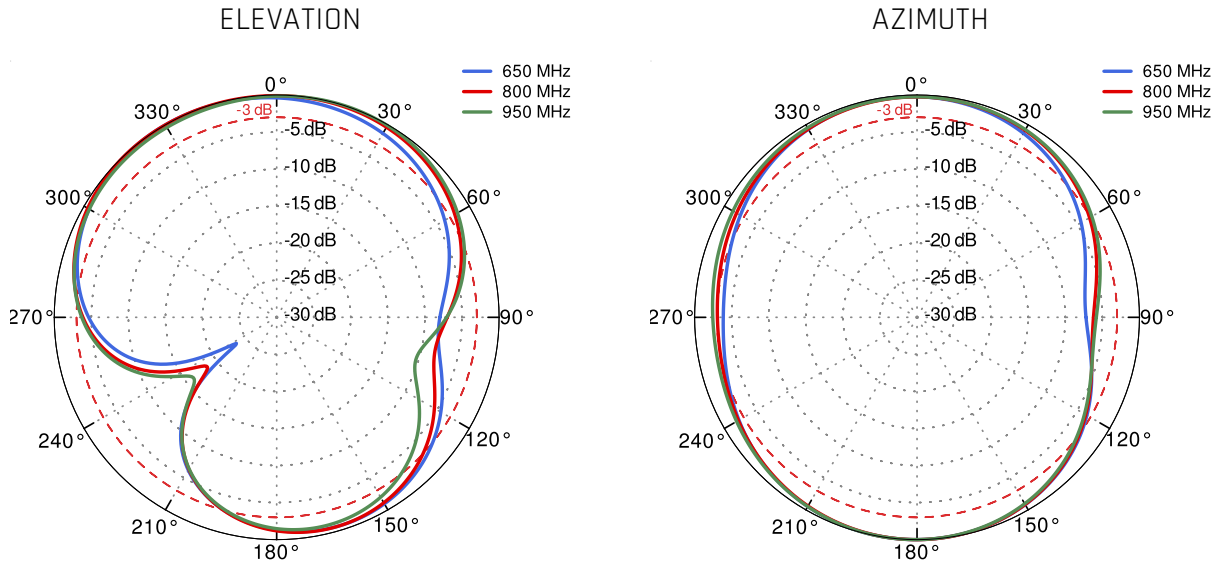
Gain for 5G/LTE antenna



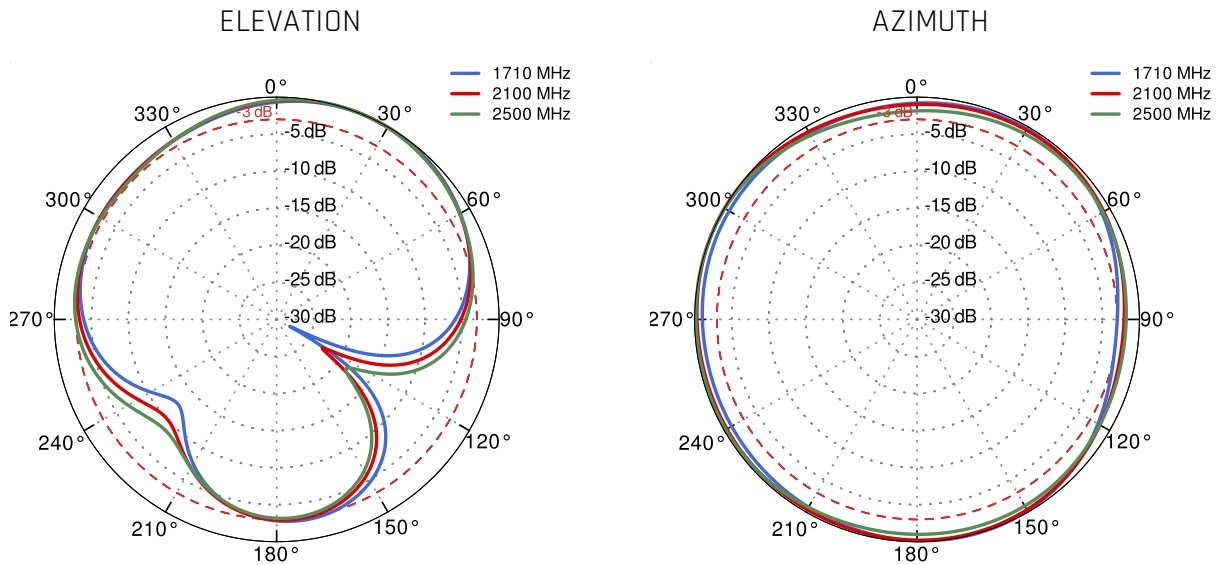
Gain for Wi-Fi antenna



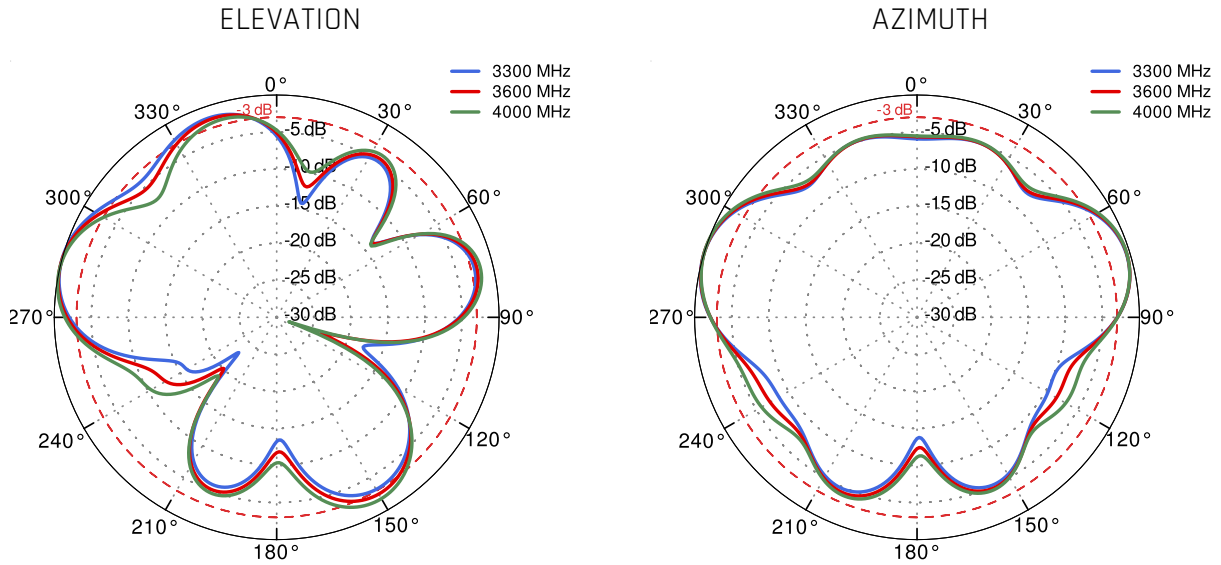
5G/LTE from 650MHz to 950MHz



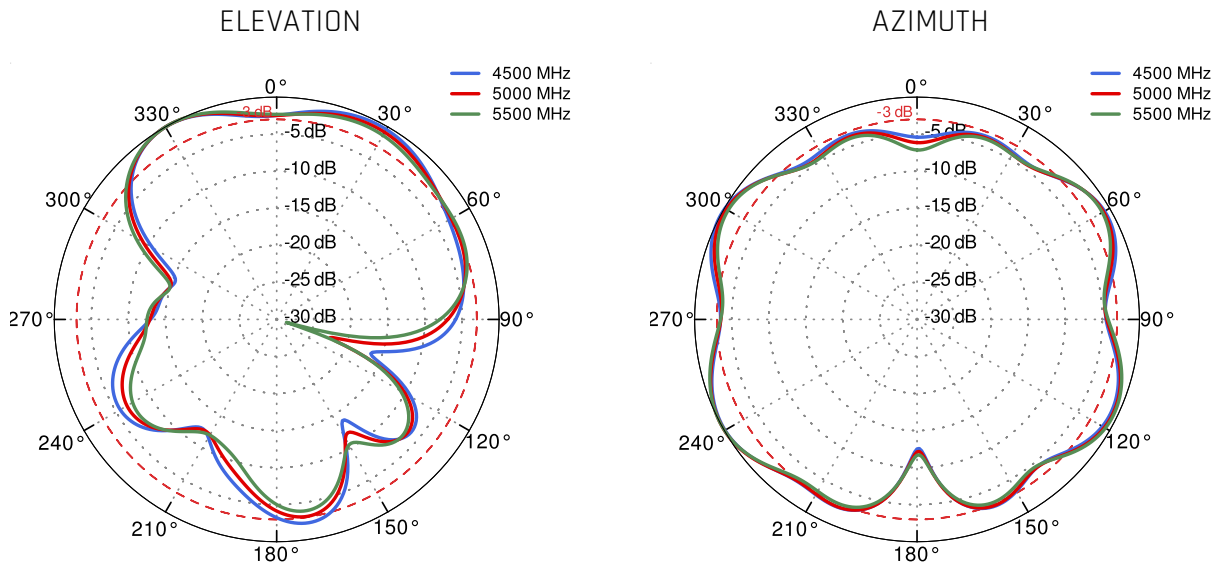
5G/LTE from 1.71GHz to 2.5GHz



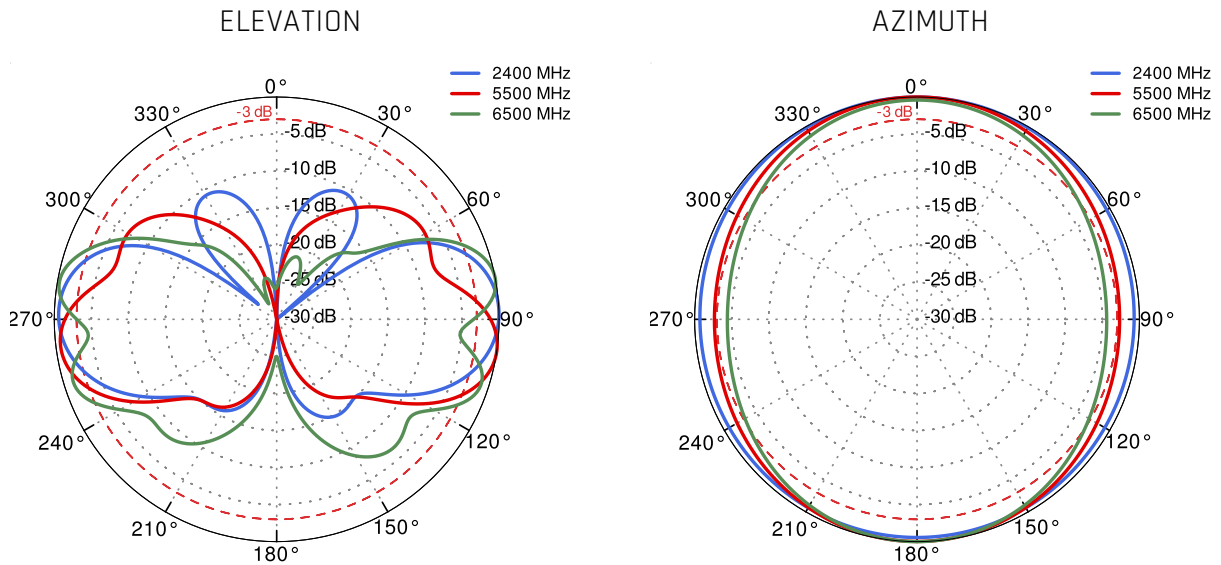
5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



Wi-Fi 2.4 GHz and 5 GHz



DIMENSIONS

