

QuMax for Robustel R5010

INTEGRATED MULTI-BAND 5G/LTE DIRECTIONAL ANTENNA + PLACE TO INSTALL ROBUSTEL R5010 (ALL-IN-ONE)

QuMax antenna for Robustel R5010 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/LTE antenna. If you use R5010 with QuMax antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

5G**4x4 MIMO****617-6000MHz****6 dBi****DIRECTIONAL****IP 68****-40° TO +80°**

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



MOUNTING SYSTEM WITH TWO PLANES, 60 DEGREES REGULATION



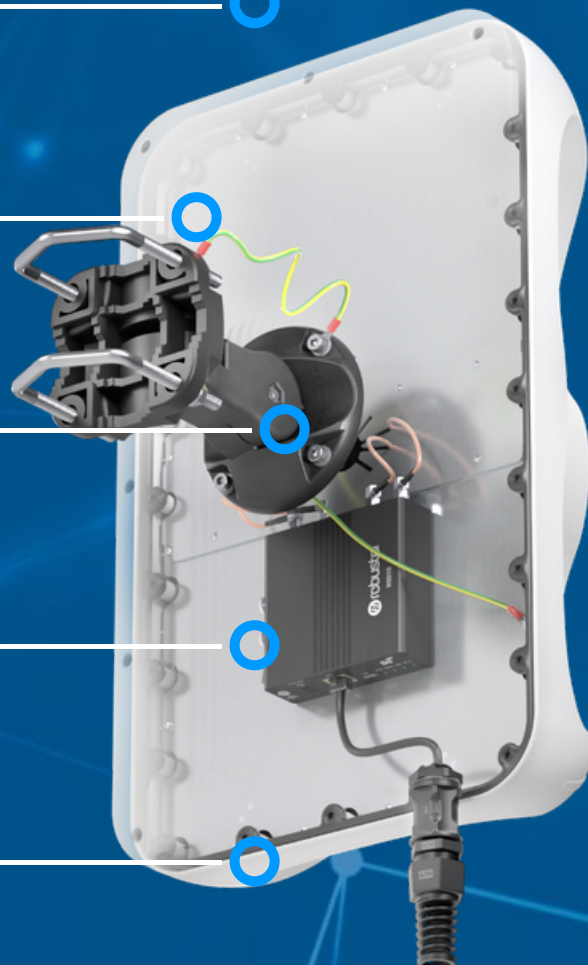
ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL R5010



ALL ANTENNAS AND ROBUSTEL GATEWAY INTEGRATED IN ONE ENCLOSURE



MADE IN **EUROPE**



5G/LTE ANTENNA SPECIFICATION

| | |
|---------------------|---|
| FREQUENCY | 0.617 - 0.96 GHz 1.7 - 2.7 GHz 3.3 - 4.6 GHz 4.7 - 6.0 GHz |
| 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, 46, 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, n46, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| GAIN | 0.617 - 0.96 GHz: 6 dBi 1.7 - 2.7 GHz: 7 dBi 3.3 - 4.6 GHz: 7 dBi 4.7 - 6.0 GHz: 5.5 dBi |
| VSWR | <2.00, max <3.00 |
| BEAMWIDTH | 80°/80° ±15° |
| POLARIZATION | X (±45degrees) |
| IMPEDANCE | 50 Ω |

MECHANICAL SPECIFICATION

| | |
|-----------------------|---|
| MATERIALS | ABS, aluminum, PTFE, Fiberglass |
| INGRESS PROTECTION | IP68 |
| CONNECTOR TYPE | RJ45 |
| DIMENSIONS | 486.0 x 292.2 x 105.6 mm 19.13 x 11.50 x 4.16 inch |
| WEIGHT | 2.8 kg 6.17 lbs |
| OPERATING TEMPERATURE | From -40°C to 80°C From -40°F to 176°F |
| MAST DIAMETER | 25-60mm 0.98-2.36 inch |

FREQUENCY BANDS

| | | | | | | | | |
|----------|-----|----|----|----|----|----|-----|----------|
| LTE / 4G | 1 | 2 | 3 | 4 | 5 | 7 | 8 | 6000 MHz |
| | 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 | |
| | 45 | 47 | 48 | 49 | 52 | 53 | 65 | |
| | 66 | 67 | 68 | 69 | 71 | 85 | 103 | |
| | 106 | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 617 MHz | | | | | | | | |

5G

617
MHz

6000
MHz

n1

n2

n3

n5

n7

n8

n12

n13

n14

n18

n20

n25

n26

n28

n29

n30

n34

n38

n39

n40

n41

n46

n47

n48

n53

n65

n66

n67

n71

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n83

n84

n85

n86

n89

n90

n95

n97

n98

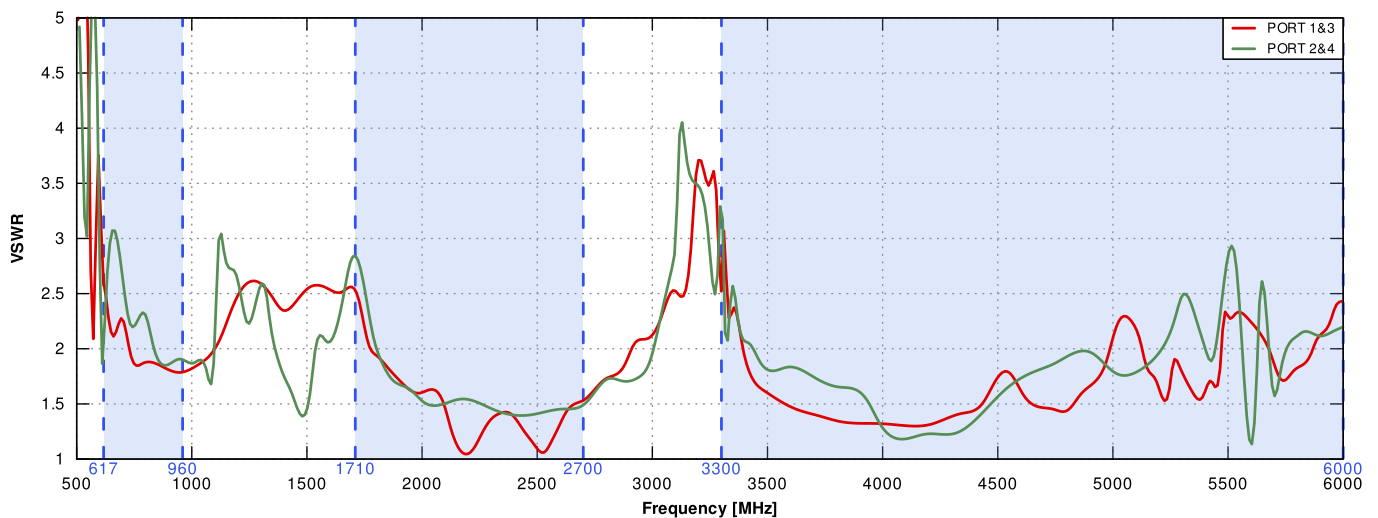
n100

n101

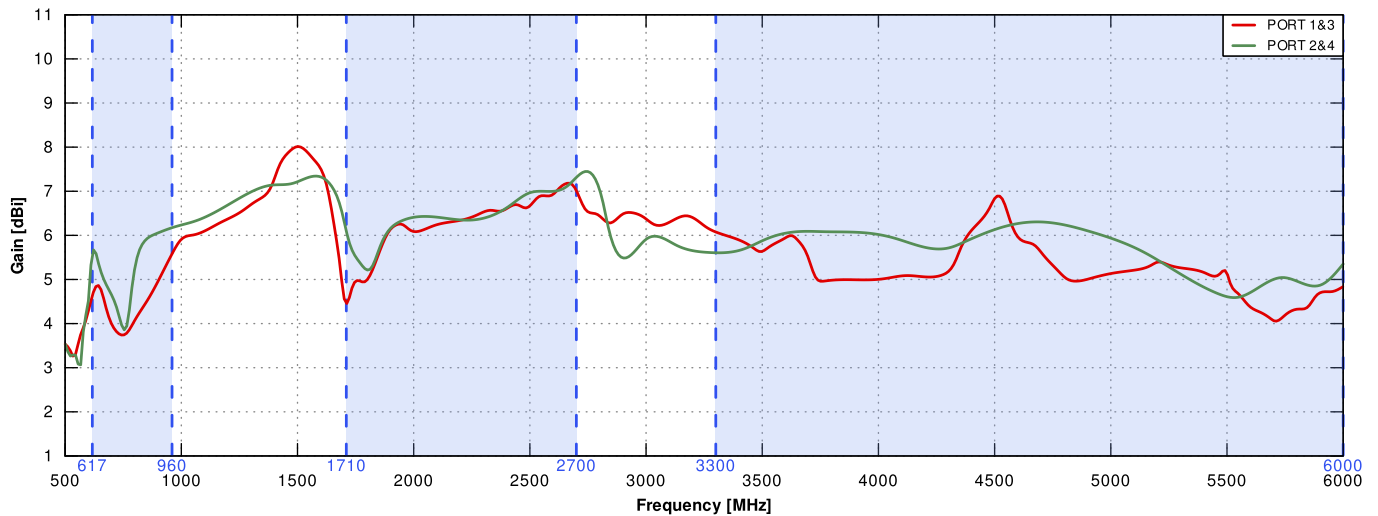
n256

PLOTS

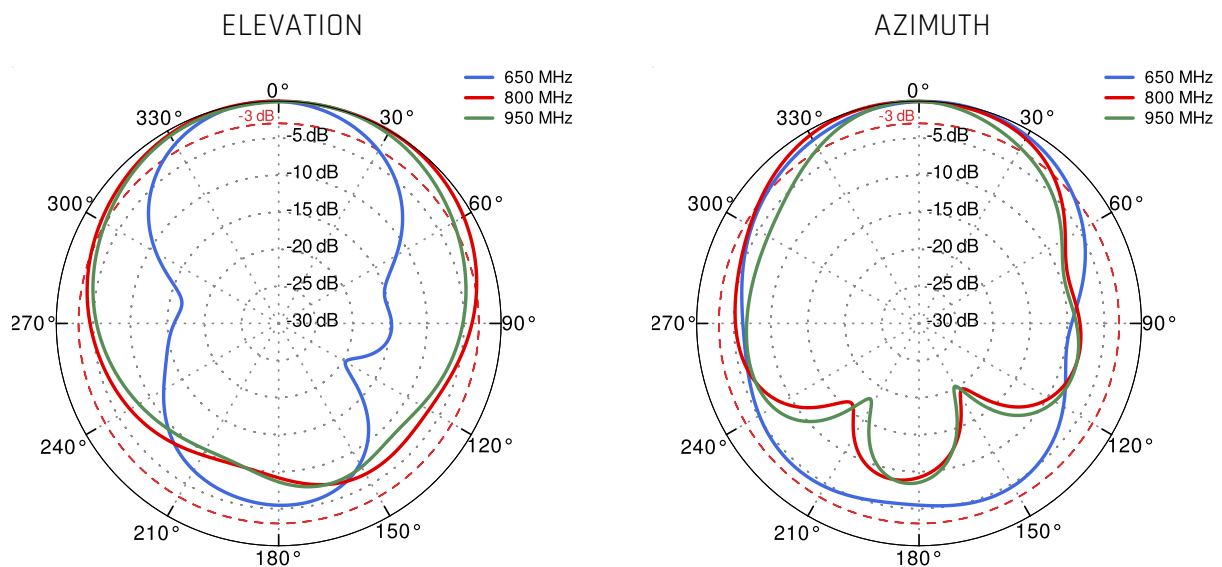
5G/LTE VSWR



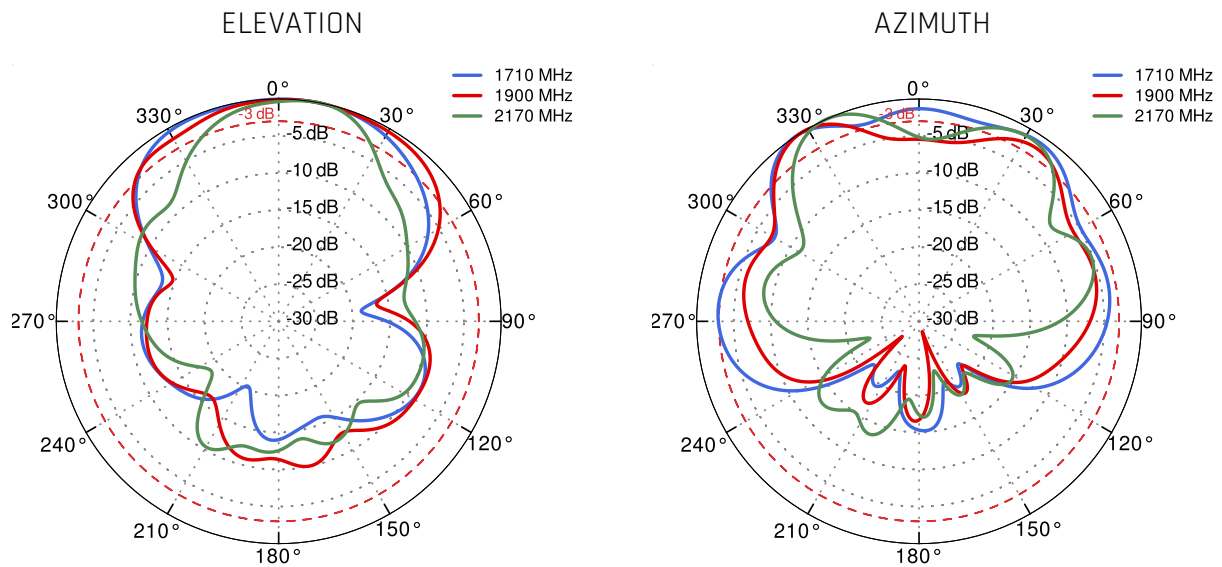
5G/LTE Gain



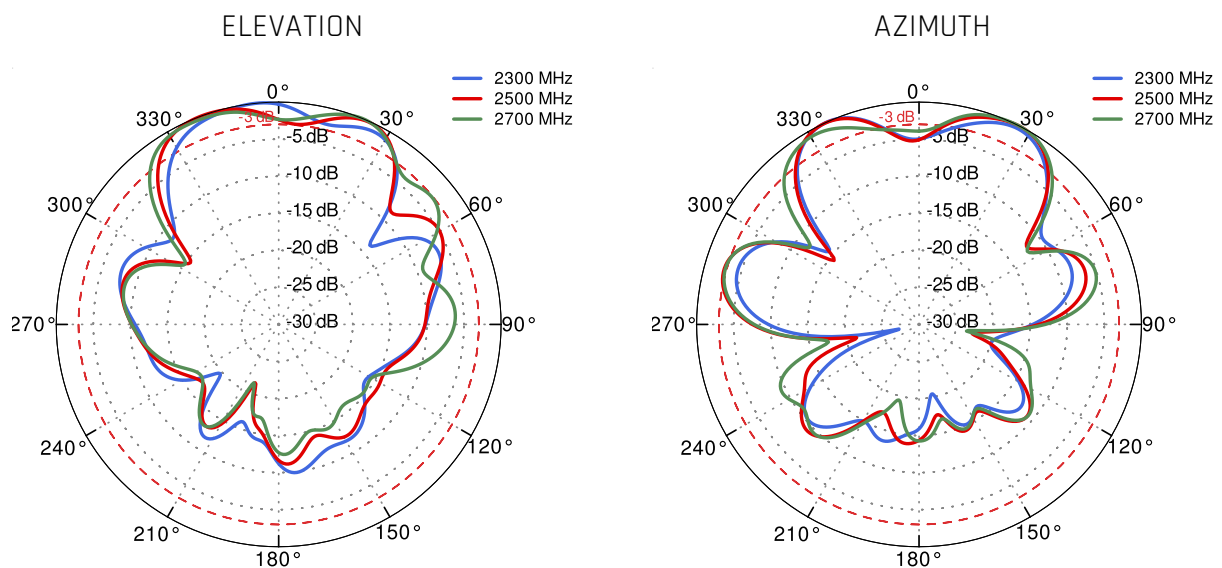
PORT 1&3 - 5G/LTE From 650MHz to 950MHz



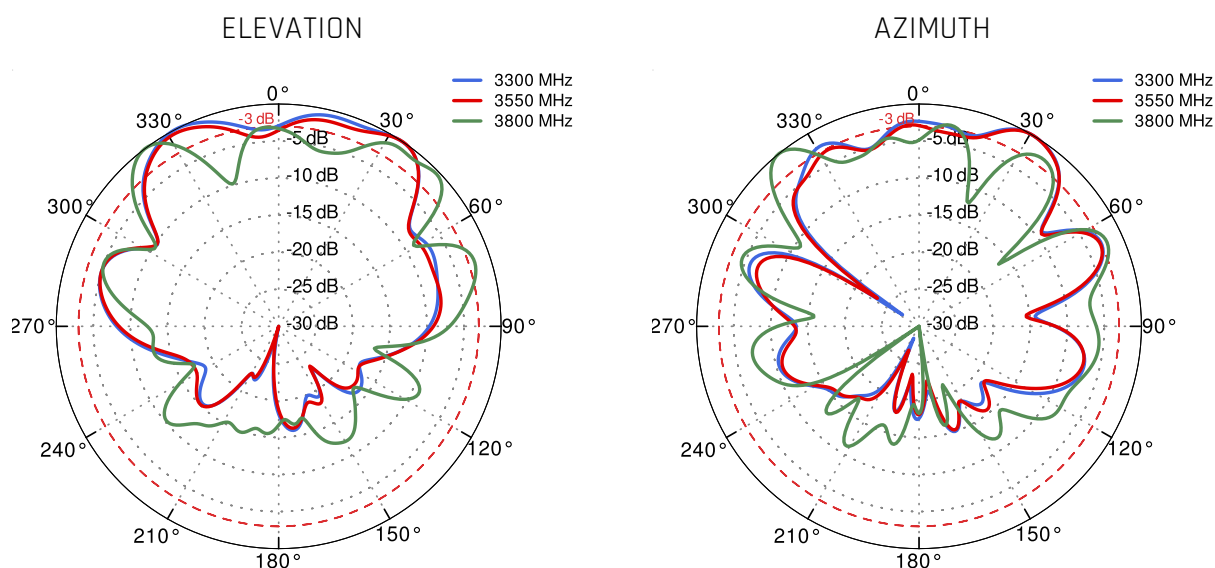
PORT 1&3 - 5G/LTE From 1.71GHz to 2.17GHz



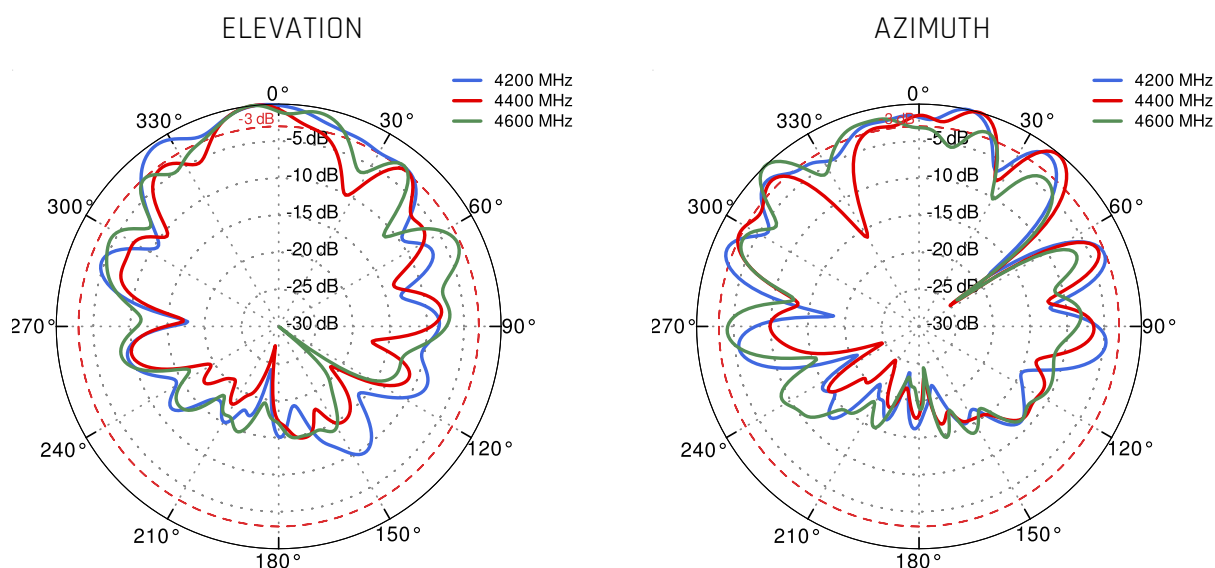
PORT 1&3 - 5G/LTE From 2.3GHz to 2.7GHz



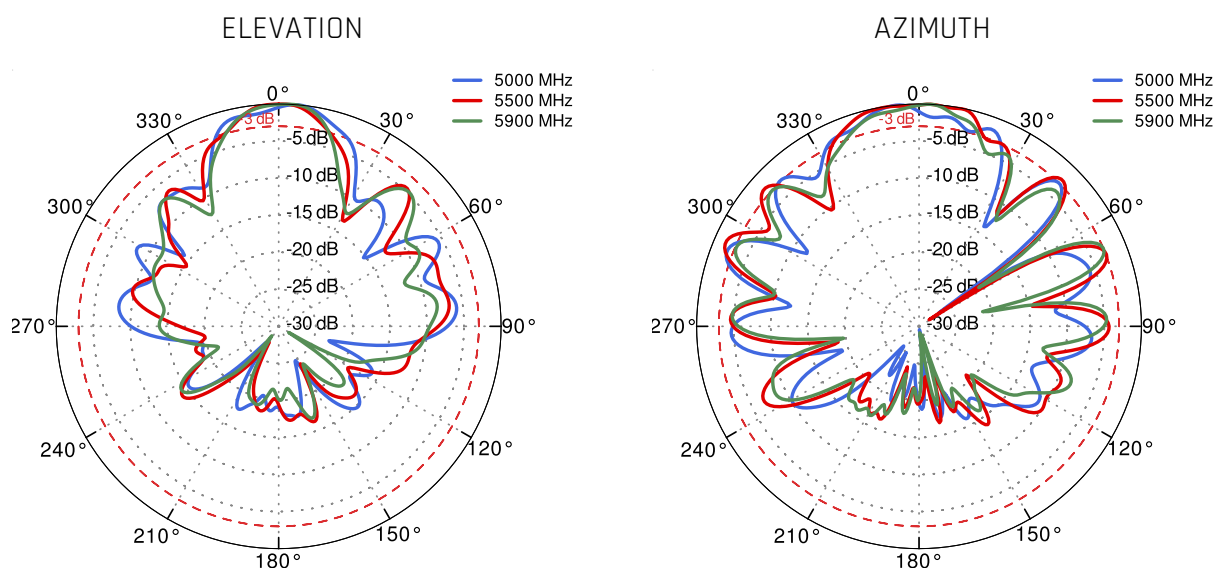
PORT 1&3 - 5G/LTE From 3.3GHz to 3.8GHz



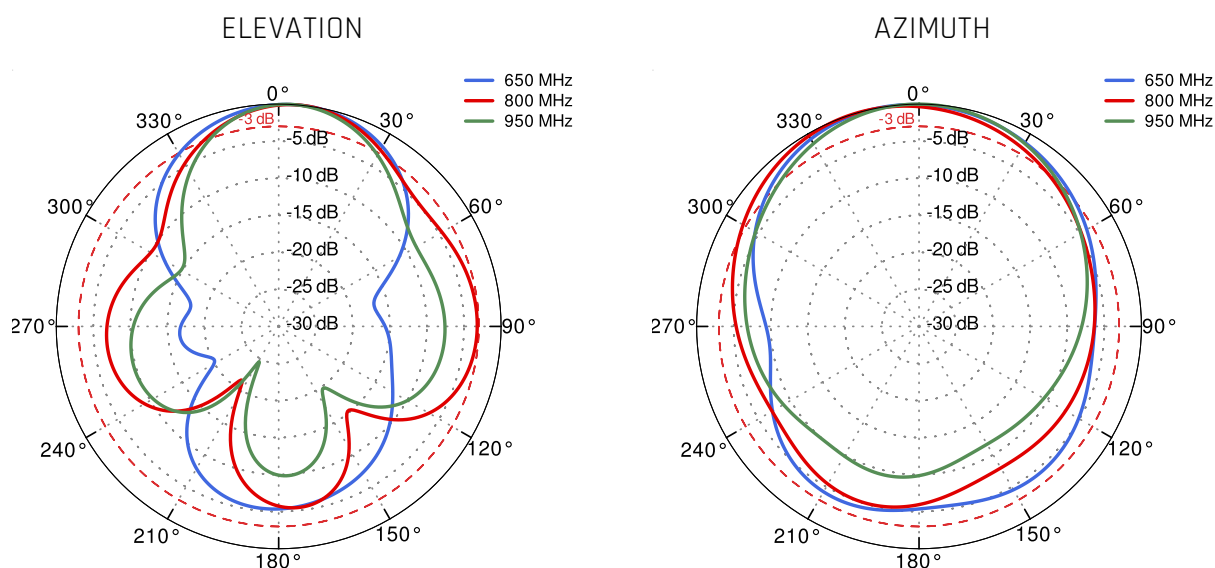
PORT 1&3 - 5G/LTE From 4.2GHz to 4.6GHz



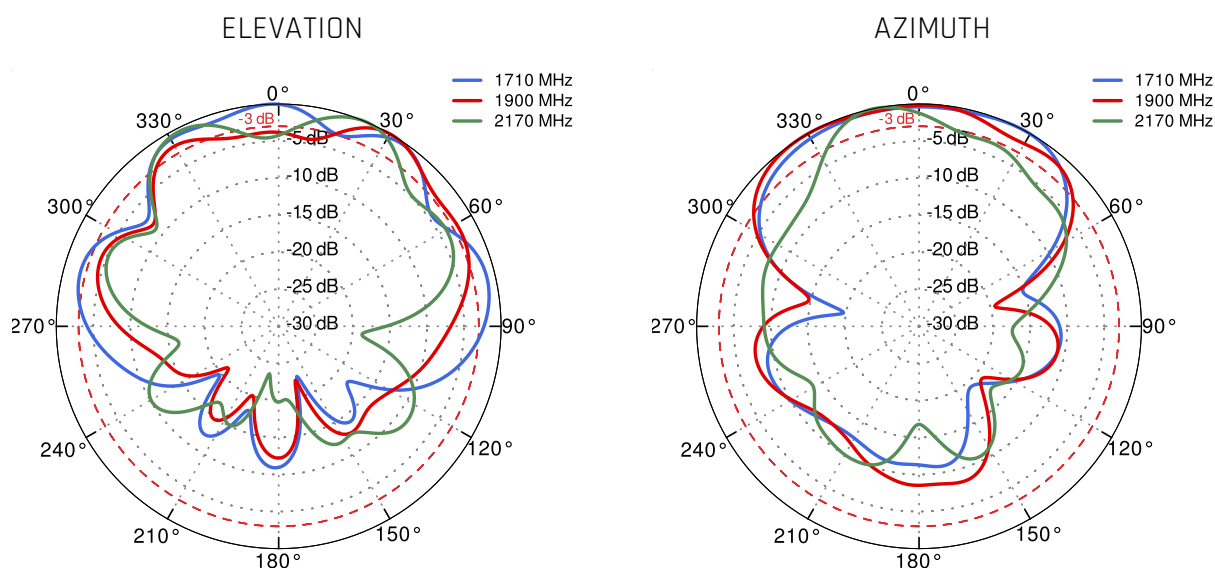
PORT 1&3 - 5G/LTE From 5.0GHz to 5.9GHz



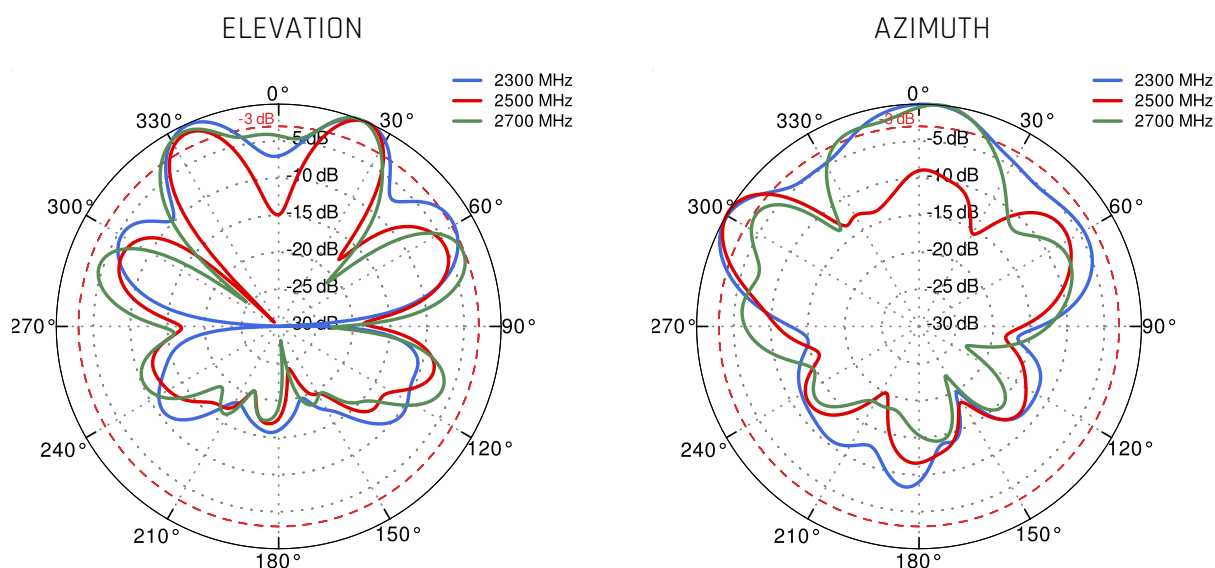
PORT 2&4 - 5G/LTE From 650MHz to 950MHz



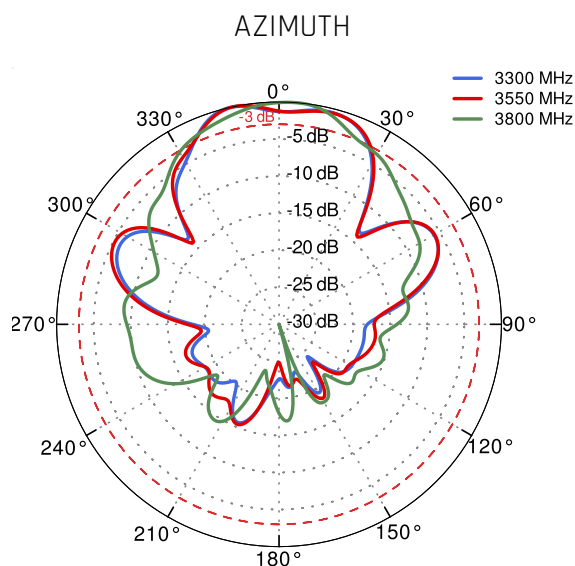
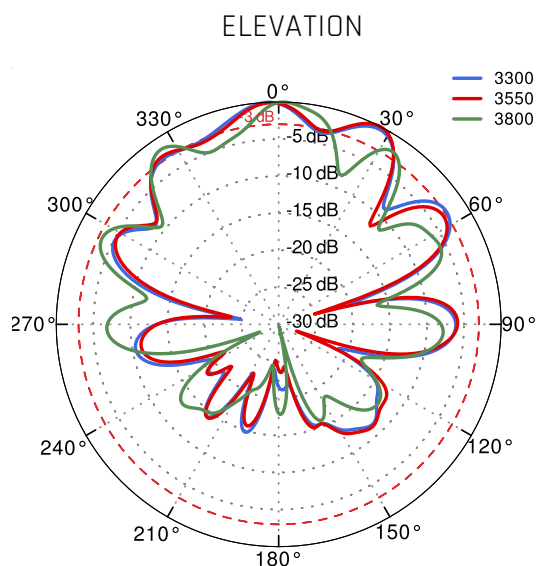
PORT 2&4 - 5G/LTE From 1.71GHz to 2.17GHz



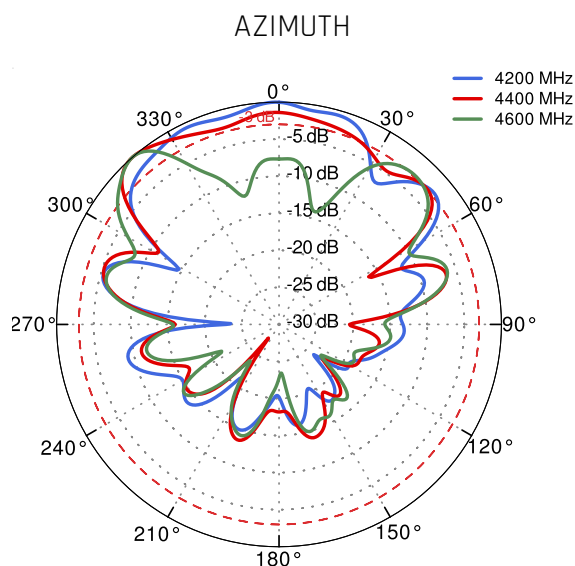
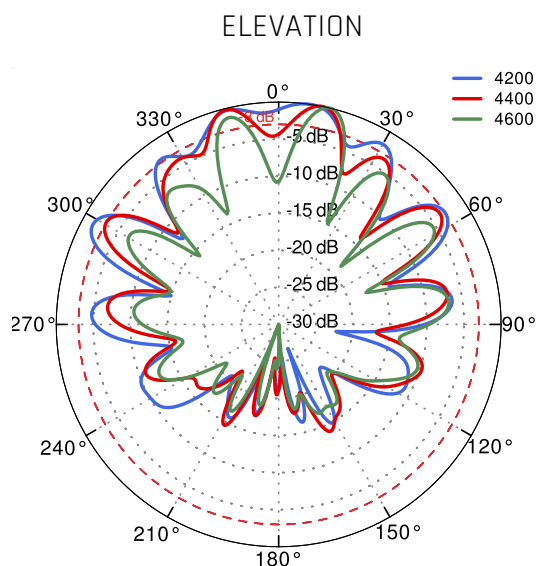
PORT 2&4 - 5G/LTE From 2.3GHz to 2.7GHz



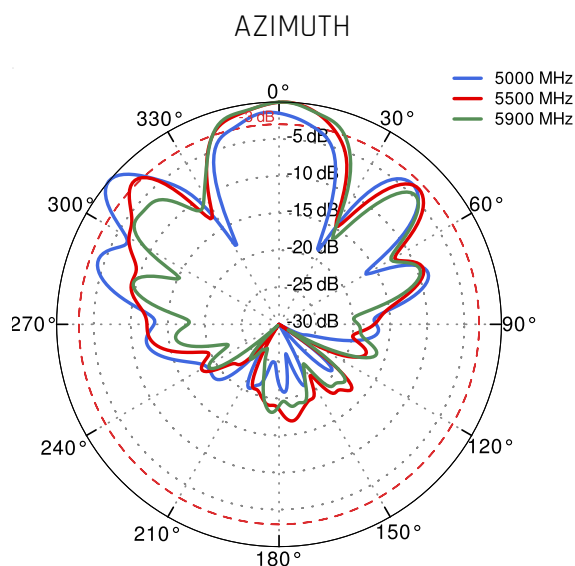
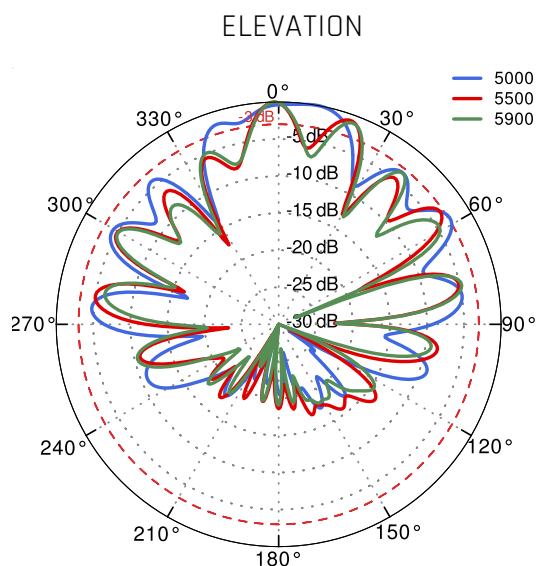
PORT 2&4 - 5G/LTE From 3.3GHz to 3.8GHz



PORT 2&4 - 5G/LTE From 4.2GHz to 4.6GHz



PORT 2&4 - 5G/LTE From 5.0GHz to 5.9GHz



DIMENSIONS

