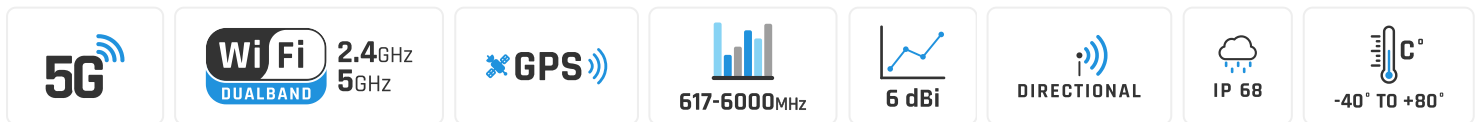


# QuMax for Milesight UR75

**INTEGRATED MULTI-BAND 5G DIRECTIONAL ANTENNA + WIFI OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL MILESIGHT UR75 (ALL-IN-ONE)**

QuMax all-in-one antenna for Milesight UR75 router is dedicated to connections with long distance to base station. It has embedded directional 5G, Wi-Fi and GPS antenna. If you use UR75 with QuMax antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure. It is the first choice for fixed installations in industrial environment.



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP68



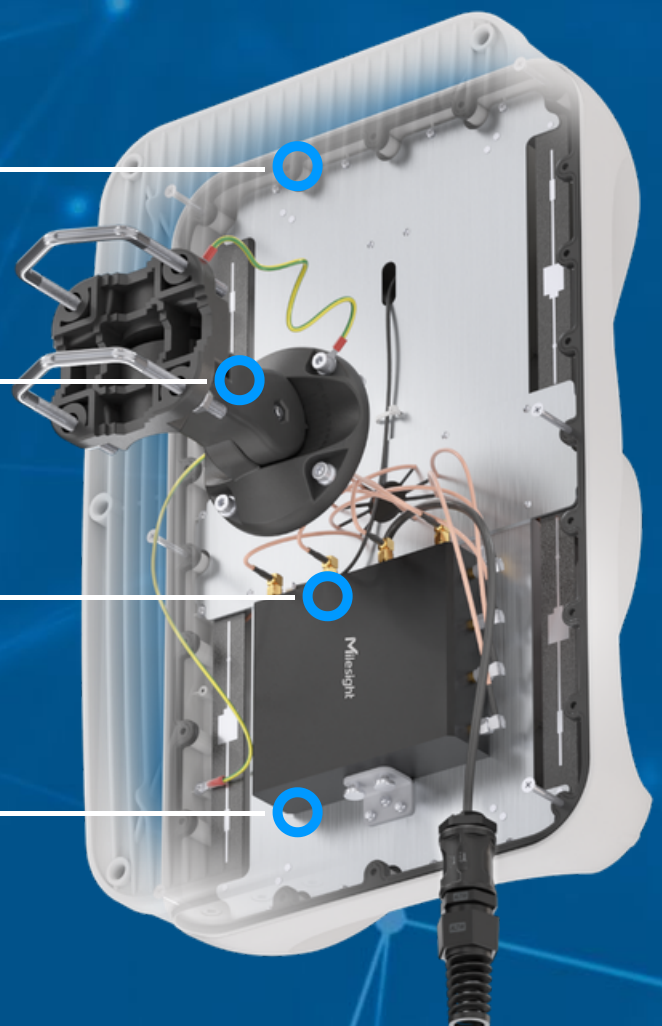
ANTENNA PERFECTLY MATCHED WITH THE MILESIGHT UR75



ALL ANTENNAS AND MILESIGHT ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



## 5G/LTE SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.6 GHz 4.7 - 6.0 GHz
<b>SUPPORTED LTE BANDS</b>	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
<b>SUPPORTED 5G BANDS</b>	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, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
<b>GAIN</b>	617 - 960 MHz : 6 dBi 1.7 - 2.7 GHz : 7 dBi 3.3 - 4.6 GHz : 7 dBi 4.7 - 6.0 GHz : 5.5dBi
<b>VSWR</b>	<2.00, max <3.00
<b>BEAMWIDTH</b>	80°/80° ±15°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω
<b>CONNECTOR</b>	4x SMA
<b>CABLE TYPE</b>	RG316

## WI-FI SPECIFICATION

<b>FREQUENCY</b>	2.4 - 2.5 GHz 5.0 - 7.2 GHz
<b>GAIN</b>	2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
<b>VSWR</b>	< 1.50, max < 2.00
<b>BEAMWIDTH</b>	360°/25° +/- 5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω
<b>CONNECTOR</b>	4x RPSMA
<b>CABLE TYPE</b>	RG316

## GPS ACTIVE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	1.56 - 1.61 GHz
<b>VSWR</b>	< 2
<b>GAIN</b>	3 dBi
<b>GAIN 3V</b>	28 dBi
<b>DC POWER INPUT</b>	2.5 V ~ 6.5 V
<b>POWER CONSUMPTION</b>	2.5-6.5mA
<b>IMPEDANCE</b>	50 Ω

**POLARIZATION**

RHCP (right hand circularly polarized)

**CONNECTOR**

1x SMA

**CABLE TYPE**

RG174

 **MECHANICAL SPECIFICATION****MATERIAL**

BS, aluminum, PTFE, Fiberglass

**INGRESS PROTECTION**

IP68

**CONNECTOR TYPE**

RJ45

**DIMENSIONS**486.0 x 292.2 x 210 mm  
19.13 x 11.50 x 8.27 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

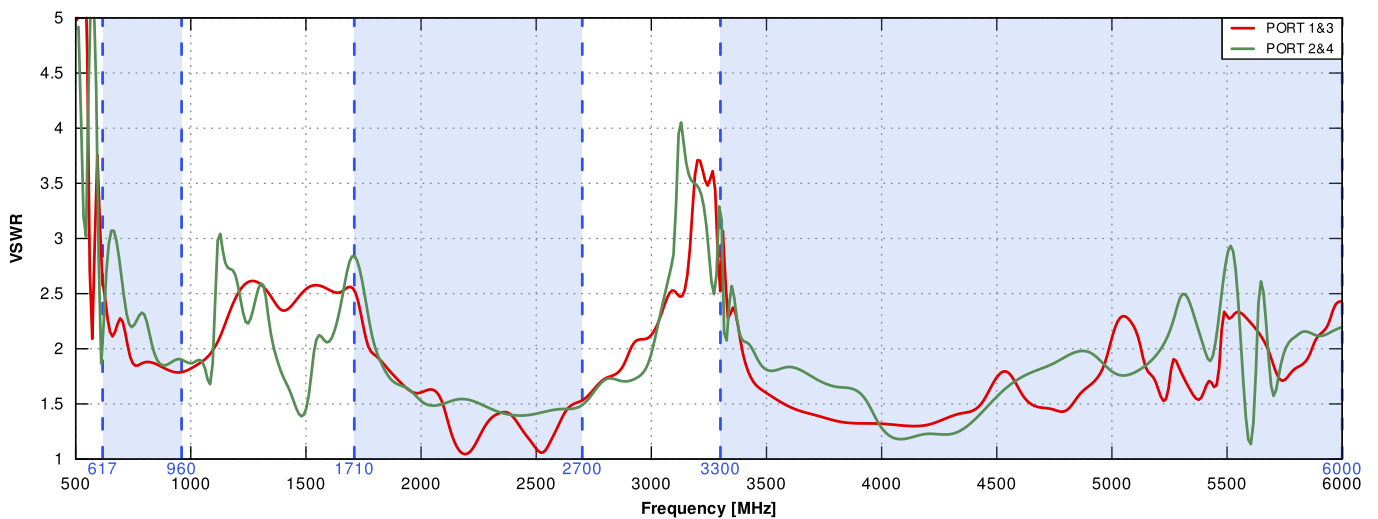
0.87kg

### MOUNTING PLACE

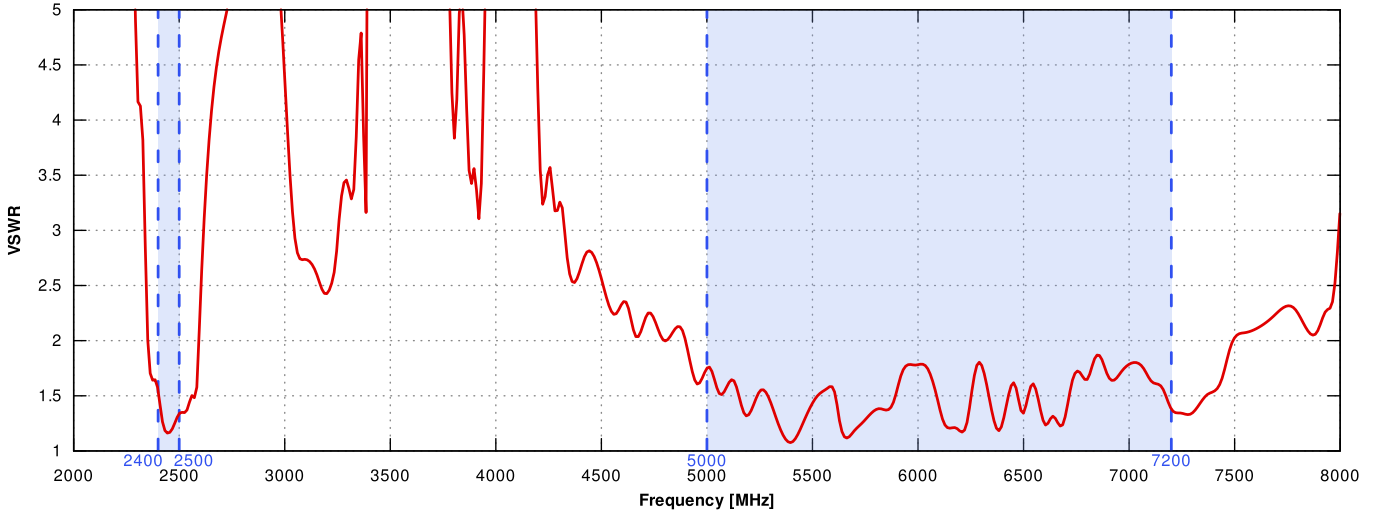
Wall or mast or ceiling

## PLOTS

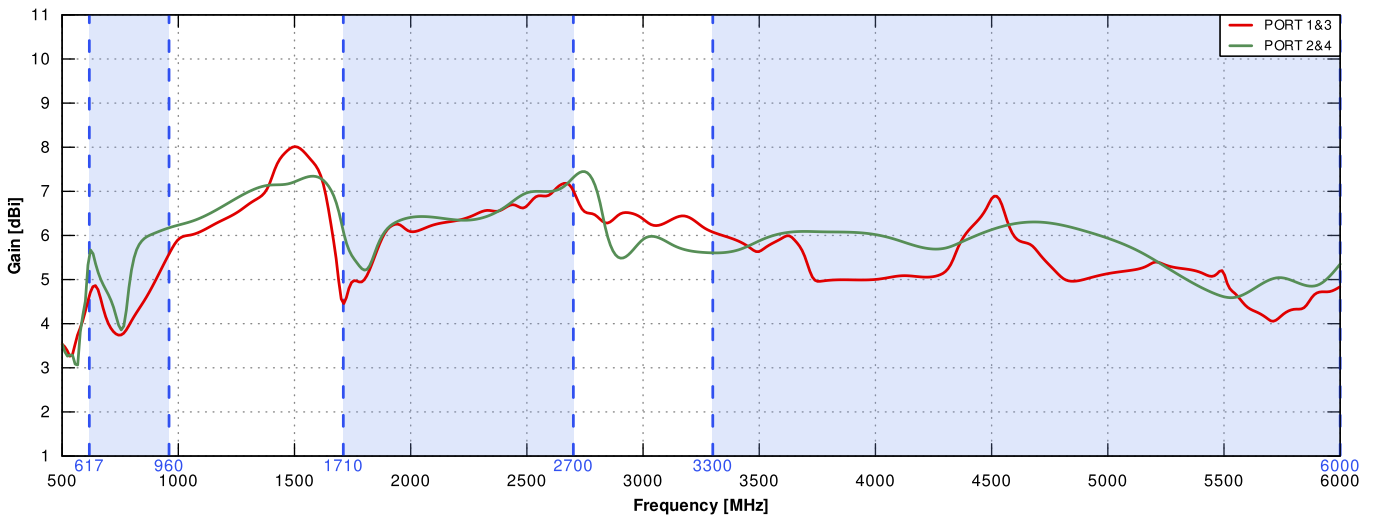
VSWR for 5G/LTE antenna



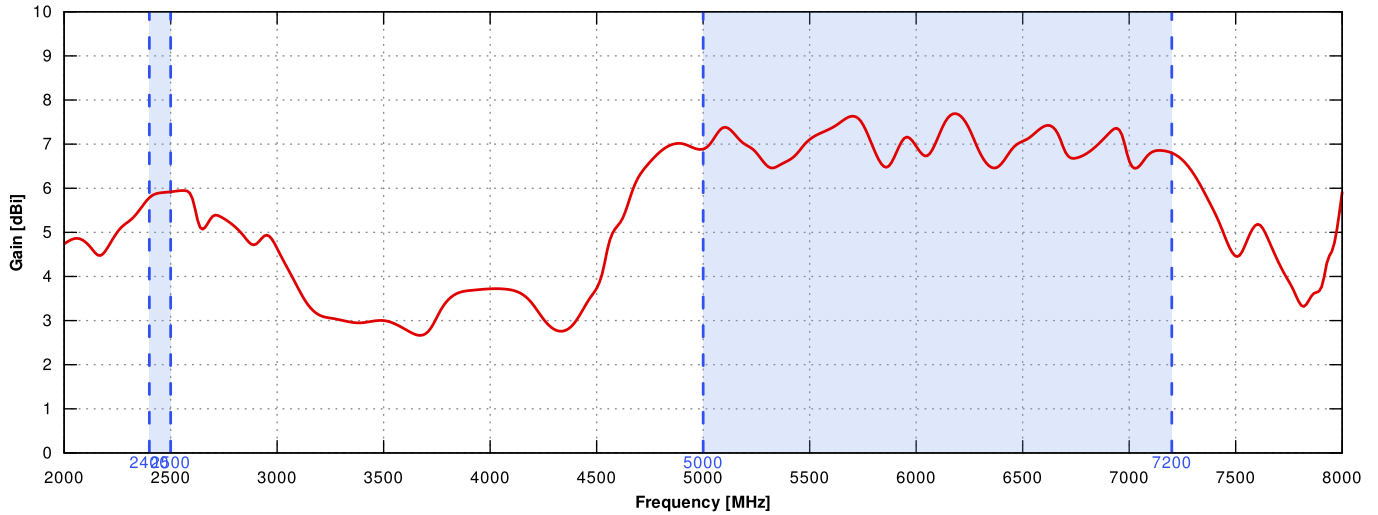
VSWR for Wi-Fi antenna



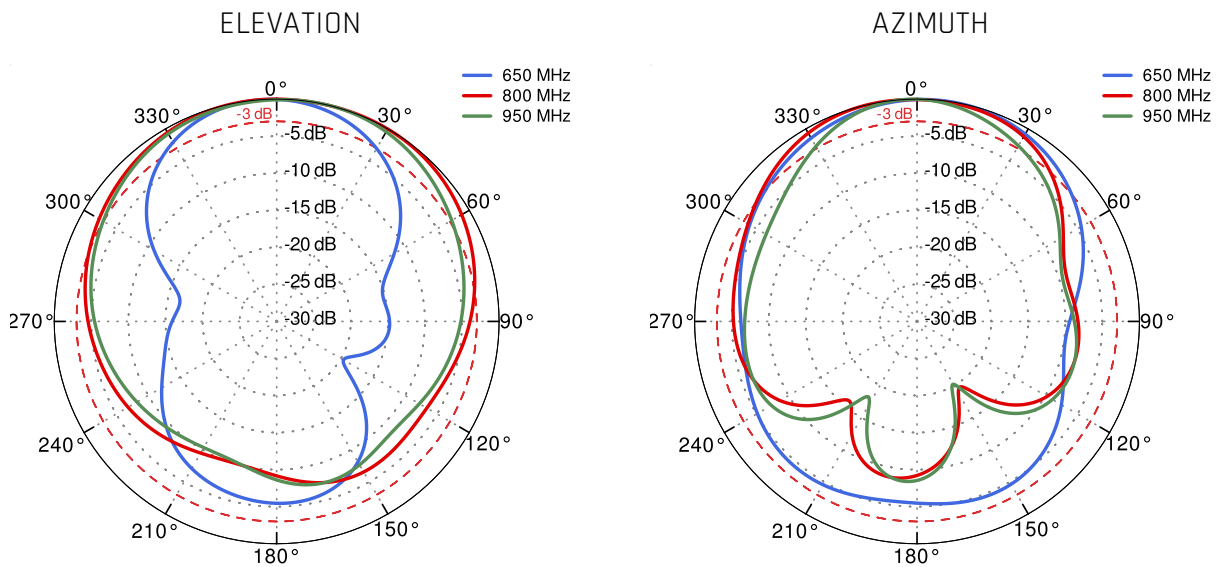
Gain for 5G/LTE antenna

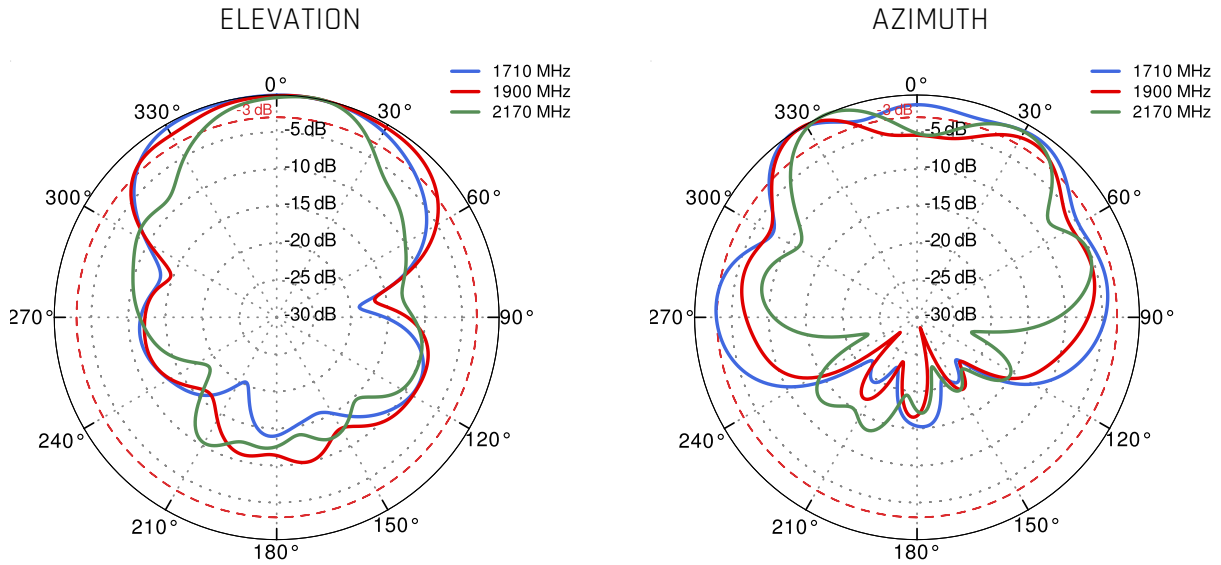
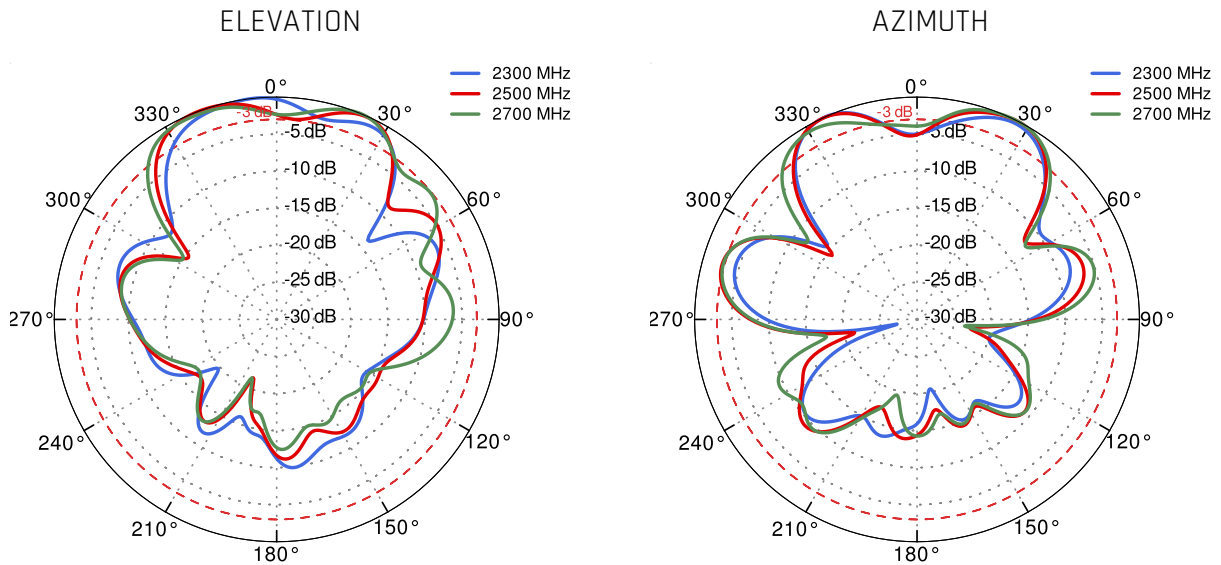


### Gain for Wi-Fi antenna

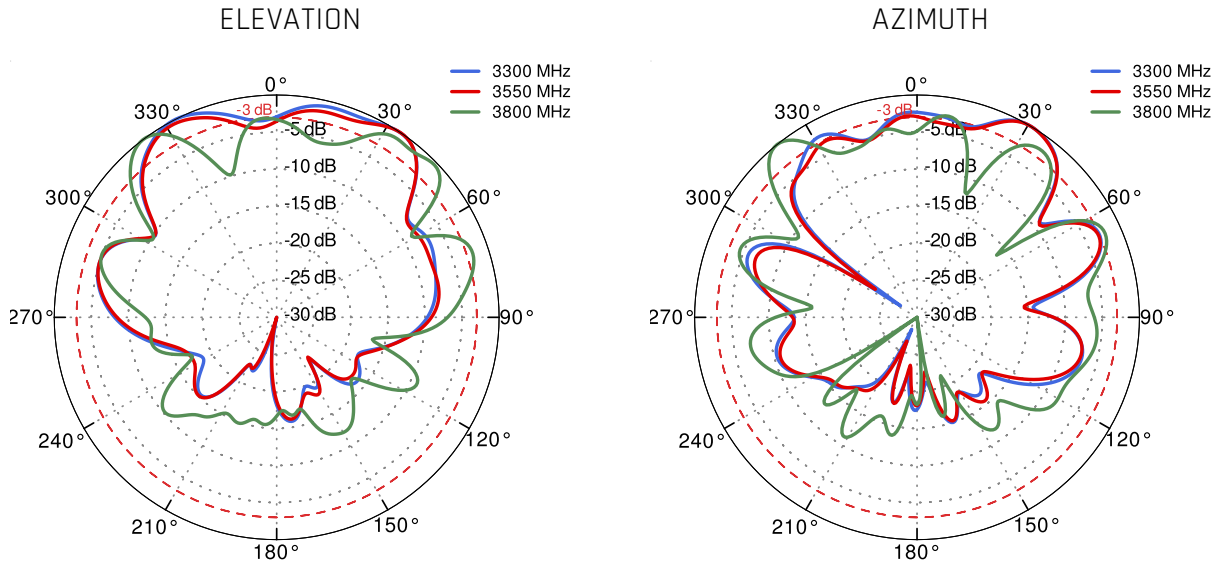


### 5G/LTE Port 1/3 from 650MHz to 950MHz

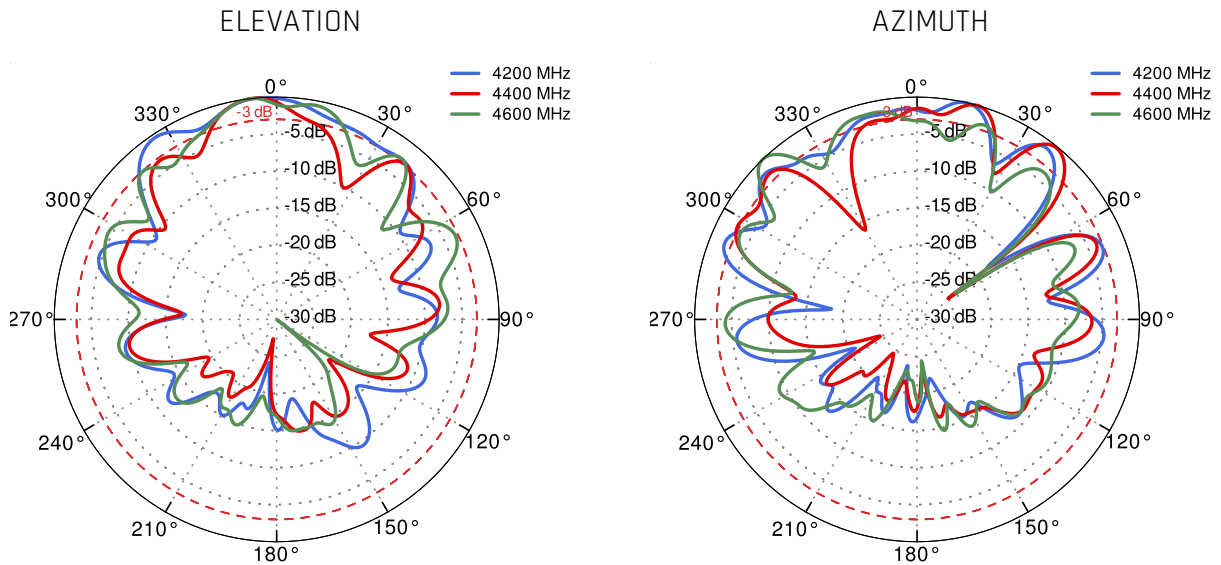


**5G/LTE Port 1/3 from 1.71GHz to 2.17GHz**

**5G/LTE Port 1/3 from 2.3GHz to 2.7GHz**


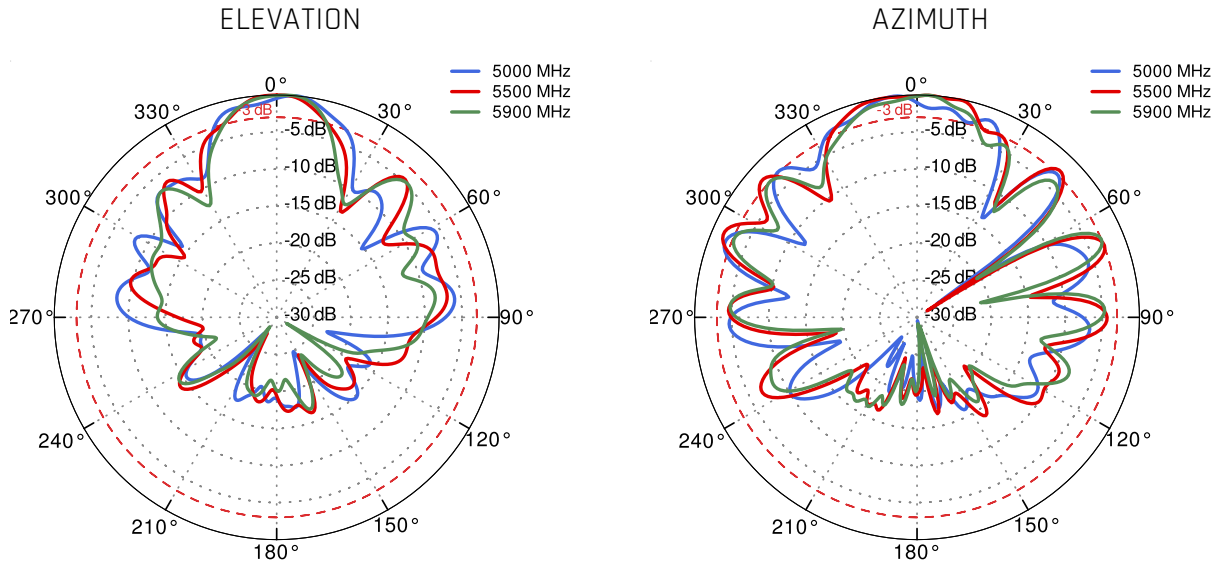
5G/LTE Port 1/3 from 3.3 GHz to 3.8 GHz



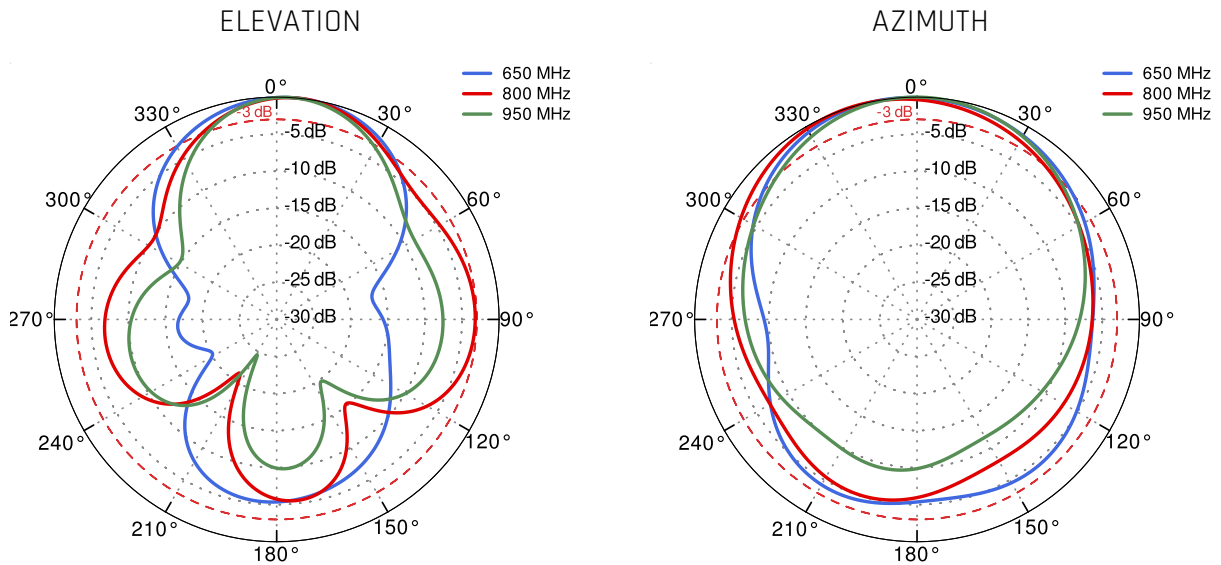
5G/LTE Port 1/3 from 4.2 GHz to 4.6 GHz



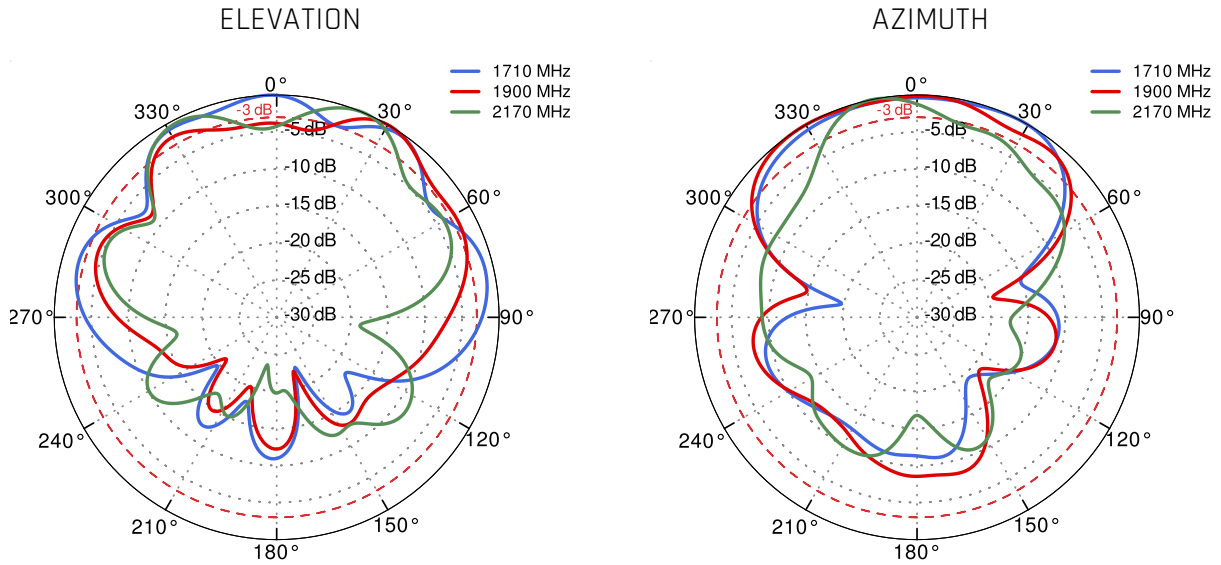
5G/LTE Port 1/3 from 5.0 GHz to 5.9 GHz



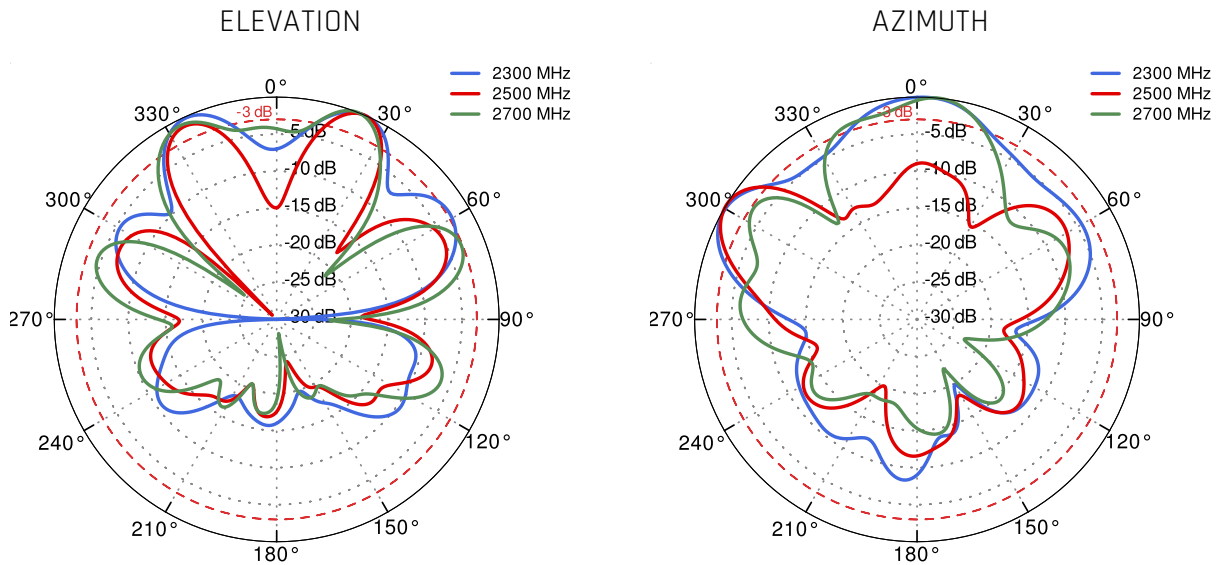
5G/LTE Port 2/4 from 650 MHz to 950 MHz



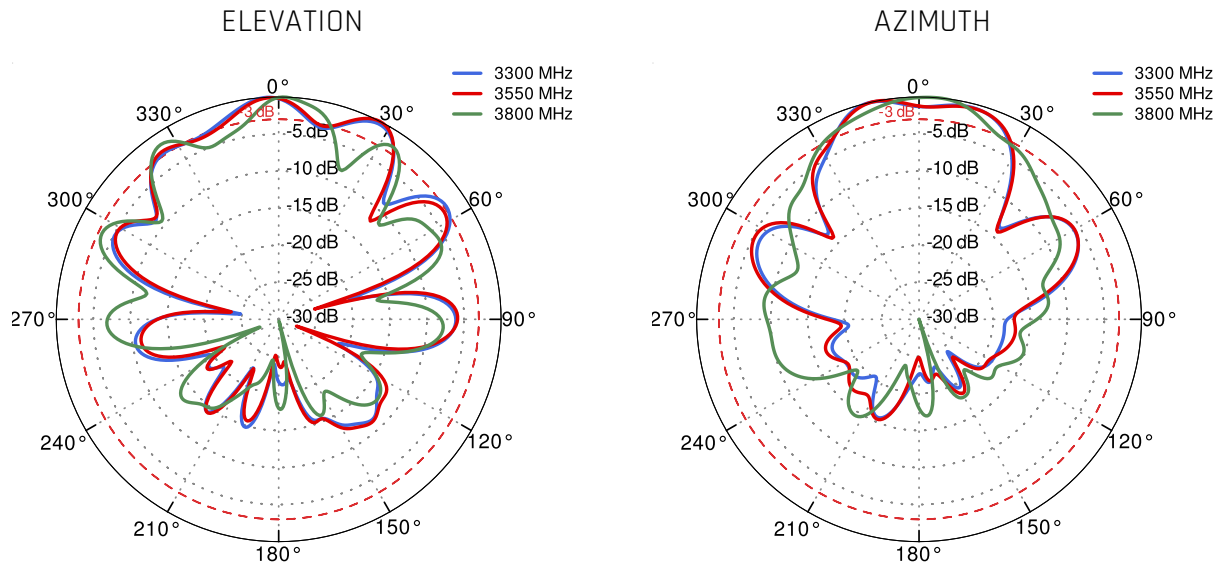
5G/LTE Port 2/4 from 1.71 GHz to 2.17 GHz



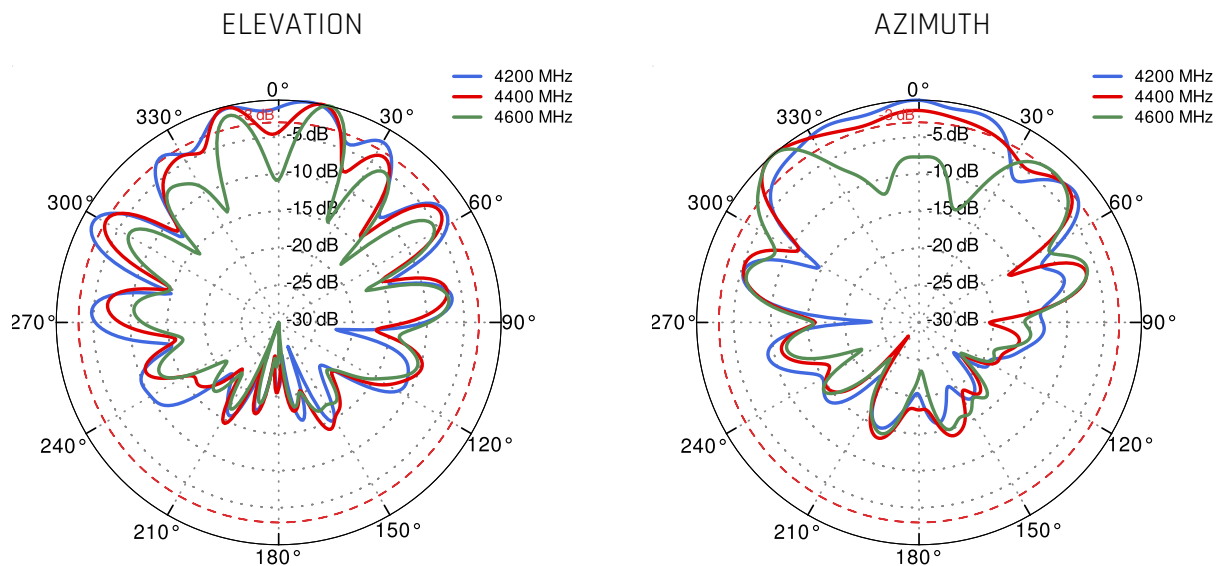
5G/LTE Port 2/4 from 2.3 GHz to 2.7 GHz



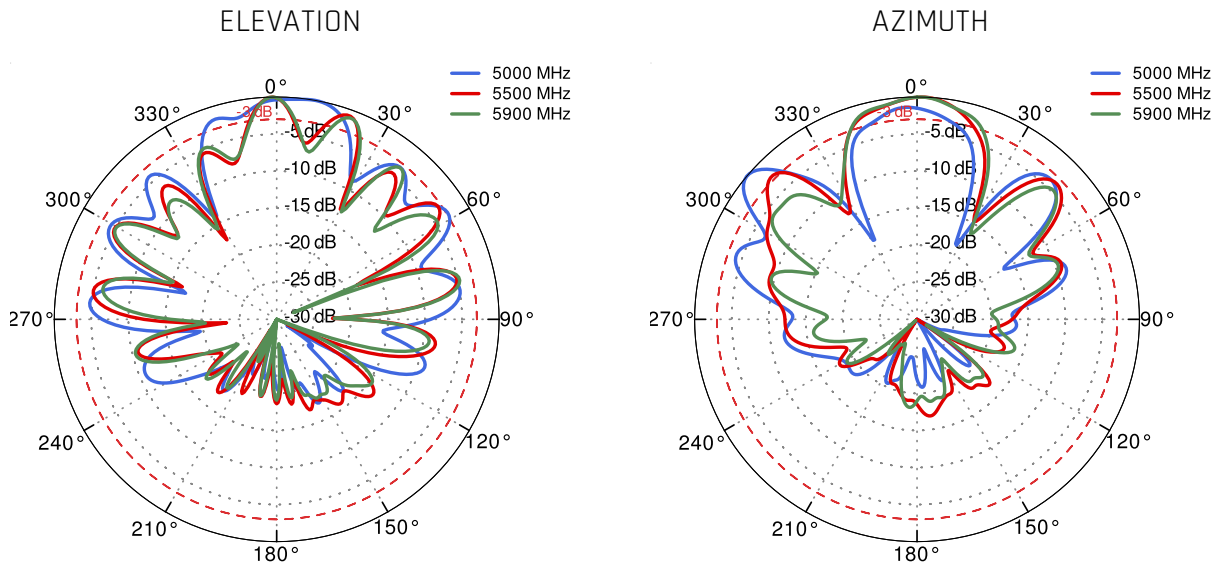
### 5G/LTE Port 2/4 from 3.3 GHz to 3.8 GHz



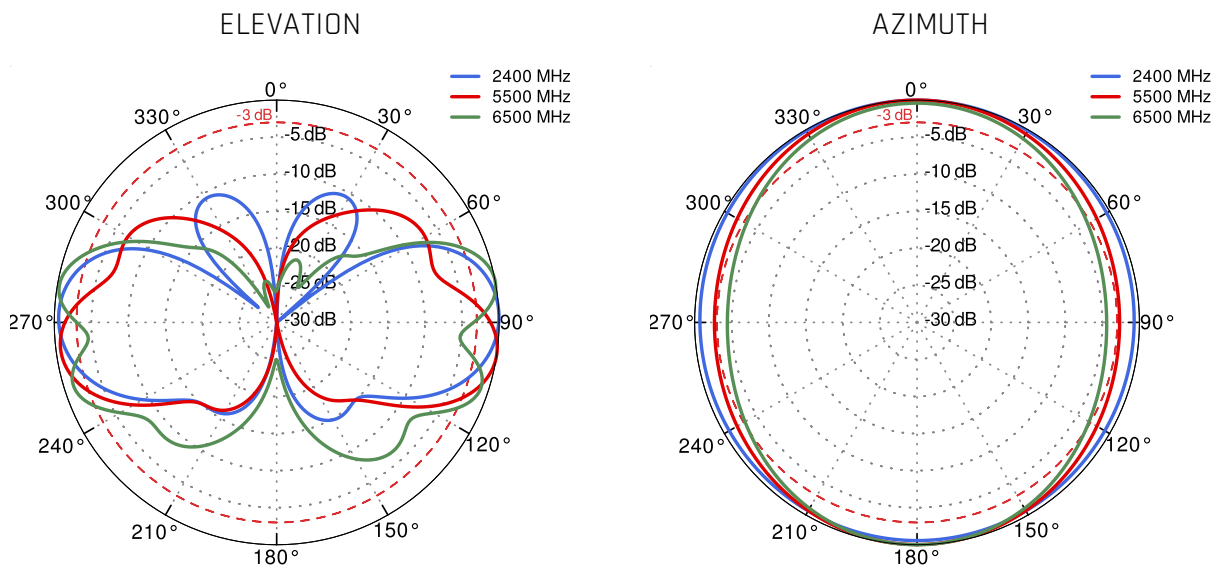
### 5G/LTE Port 2/4 from 4.2 GHz to 4.6 GHz



### 5G/LTE Port 2/4 from 5.0 GHz to 5.9 GHz



### Wi-Fi From 2.4 GHz to 6.5 GHz



## **DIMENSIONS**

