

# 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.

**5G****Wi Fi**  
DUALBAND  
2.4GHz  
5GHz**GPS**  
617-6000MHz  
6 dBi  
DIRECTIONAL  
IP 68  
-40° TO +80°

OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP68



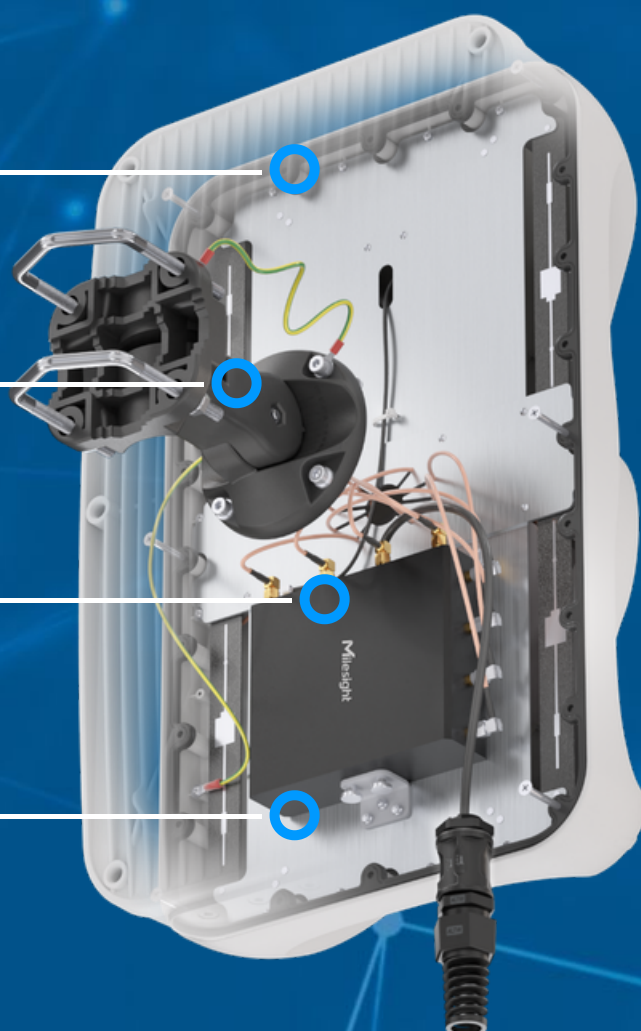
ANTENNA PERFECTLY MATCHED WITH THE MILESIGHT UR75



ALL ANTENNAS AND MILESIGHT ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



## 5G/LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 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, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
GAIN	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
VSWR	<2.00, max <3.00
BEAMWIDTH	80°/80° ±15°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$
CONNECTOR	4x SMA
CABLE TYPE	RG316

## WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
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 $\Omega$
CONNECTOR	4x 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 $\Omega$

<b>POLARIZATION</b>	RHCP (right hand circularly polarized)
<b>CONNECTOR</b>	1x SMA
<b>CABLE TYPE</b>	RG174

## MECHANICAL SPECIFICATION

<b>MATERIAL</b>	BS, aluminum, PTFE, Fiberglass
<b>INGRESS PROTECTION</b>	IP68
<b>CONNECTOR TYPE</b>	RJ45
<b>DIMENSIONS</b>	486.0 x 292.2 x 210 mm 19.13 x 11.50 x 8.27 inch
<b>WEIGHT</b>	1.8 kg 3.97 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F



## 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 - 60mm  
0.98-2.36 inch

### MATERIAL

Polyamide with fiberglass + galvanized steel U-Bolts

### WEIGHT

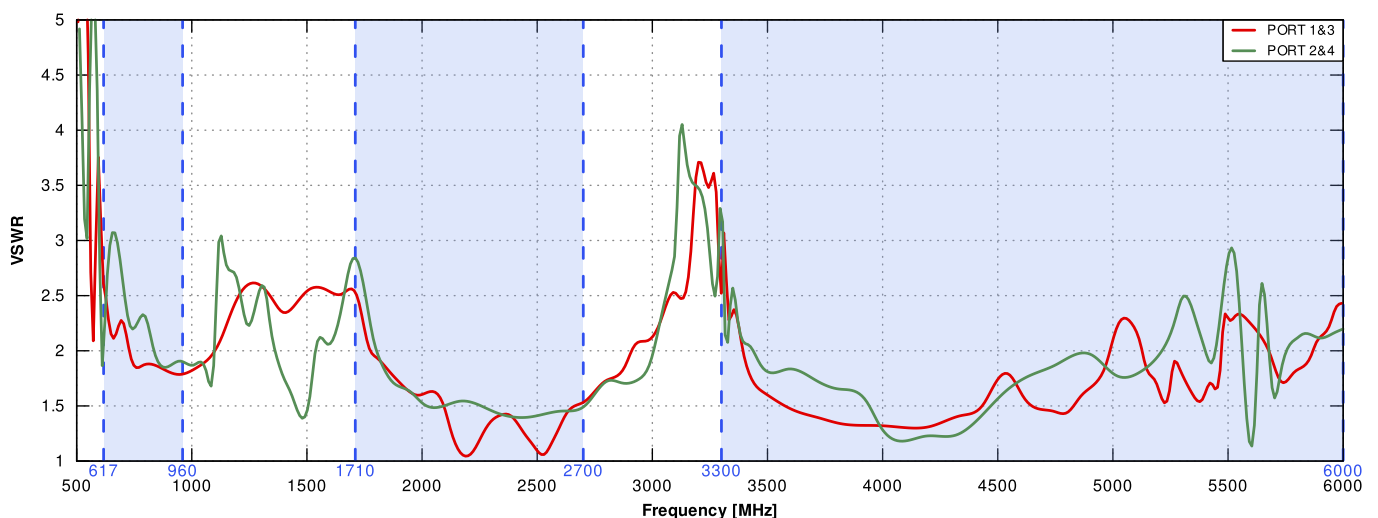
0.87kg

### MOUNTING PLACE

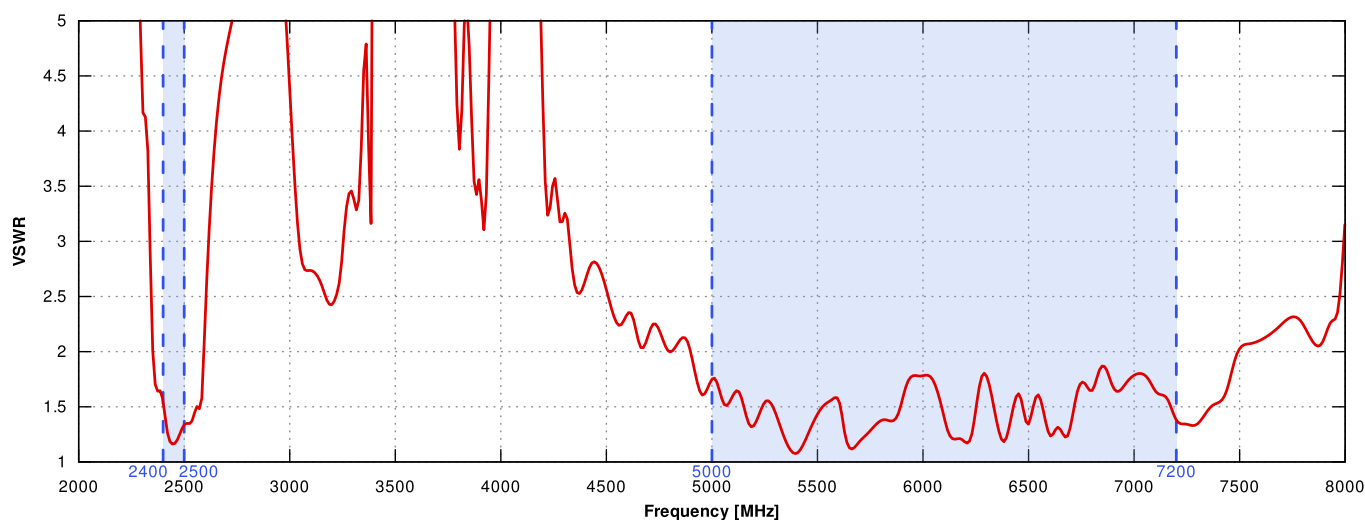
Wall or mast or ceiling

## PLOTS

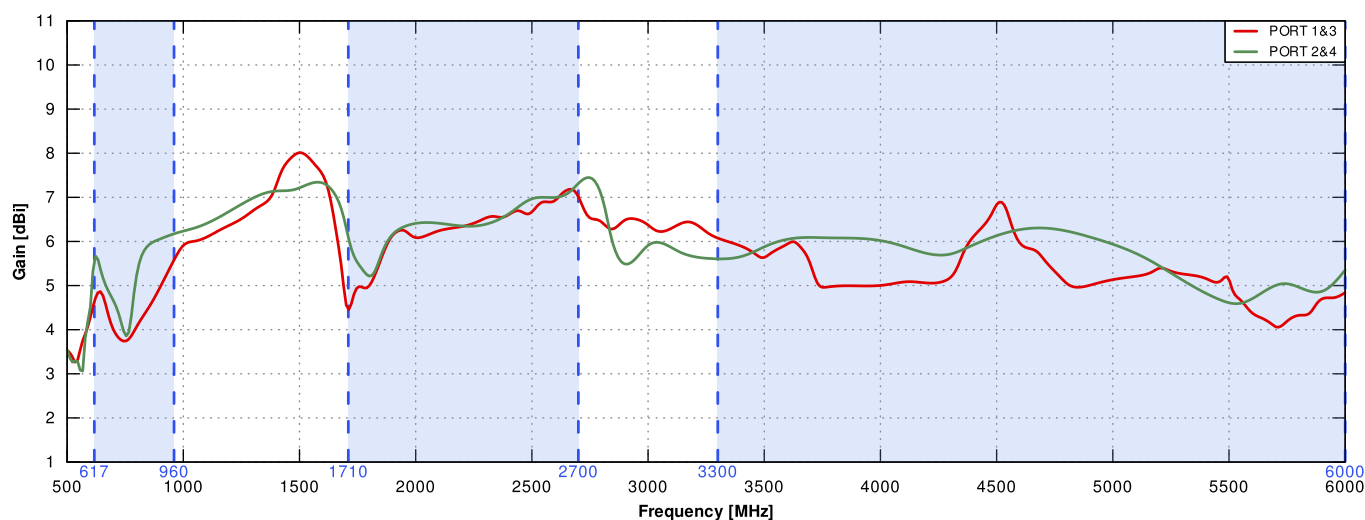
VSWR for 5G/LTE antenna



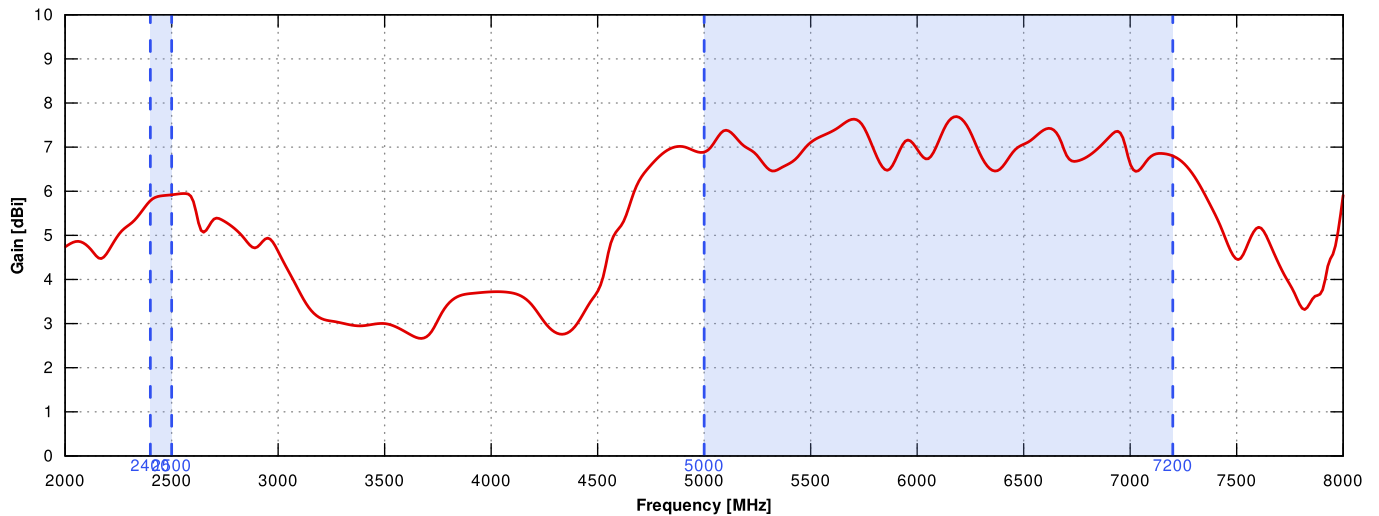
## VSWR for Wi-Fi antenna



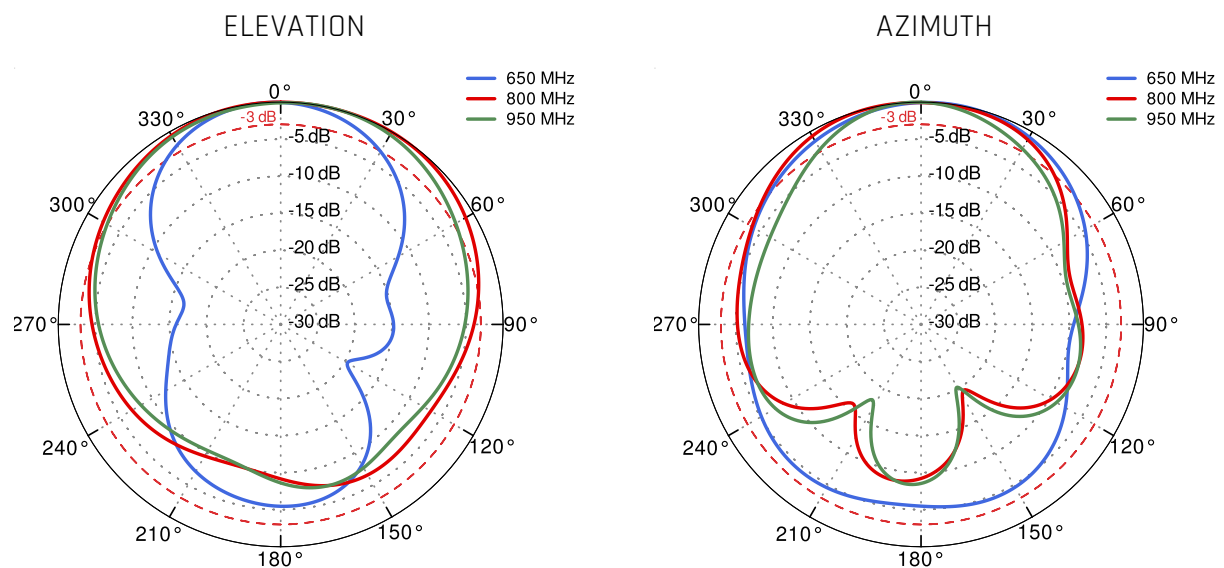
## Gain for 5G/LTE antenna



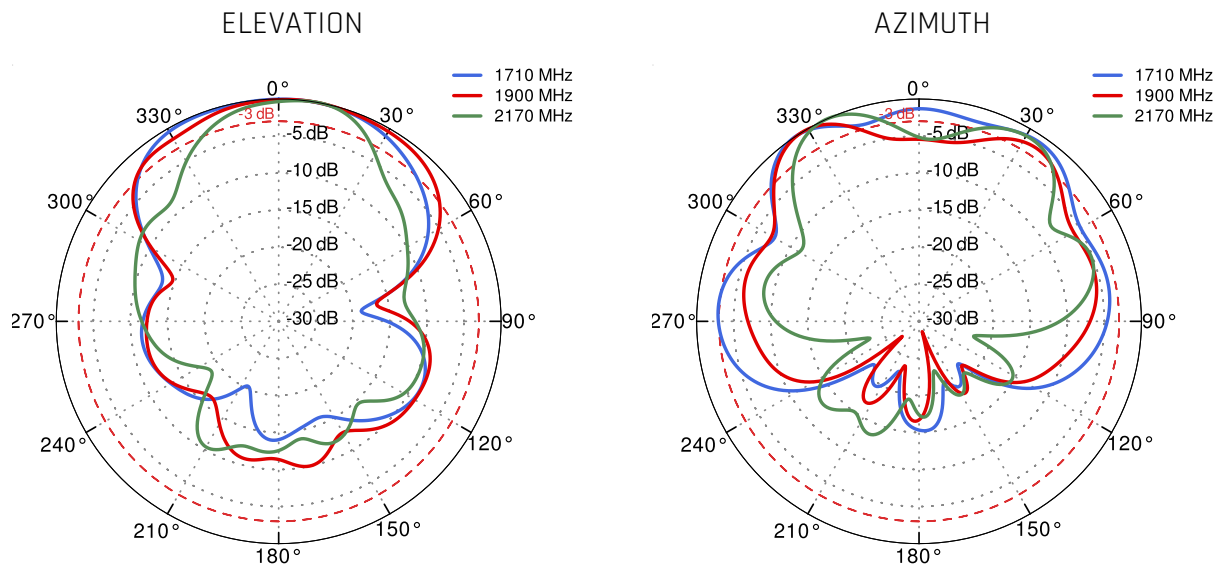
## Gain for Wi-Fi antenna



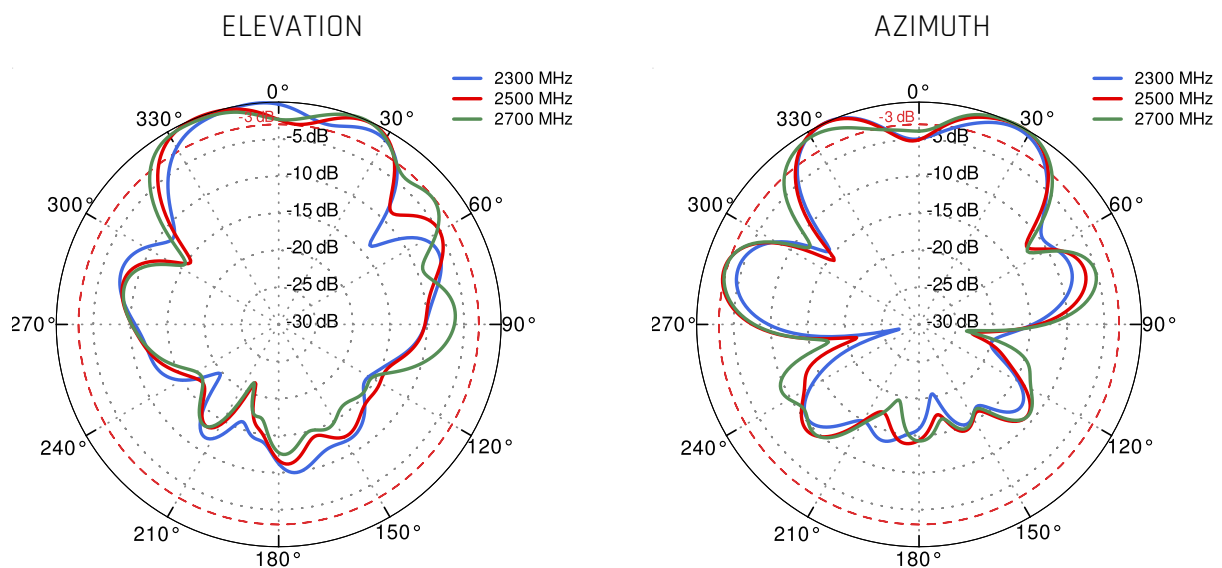
## 5G/LTE Port 1/3 from 650MHz to 950MHz



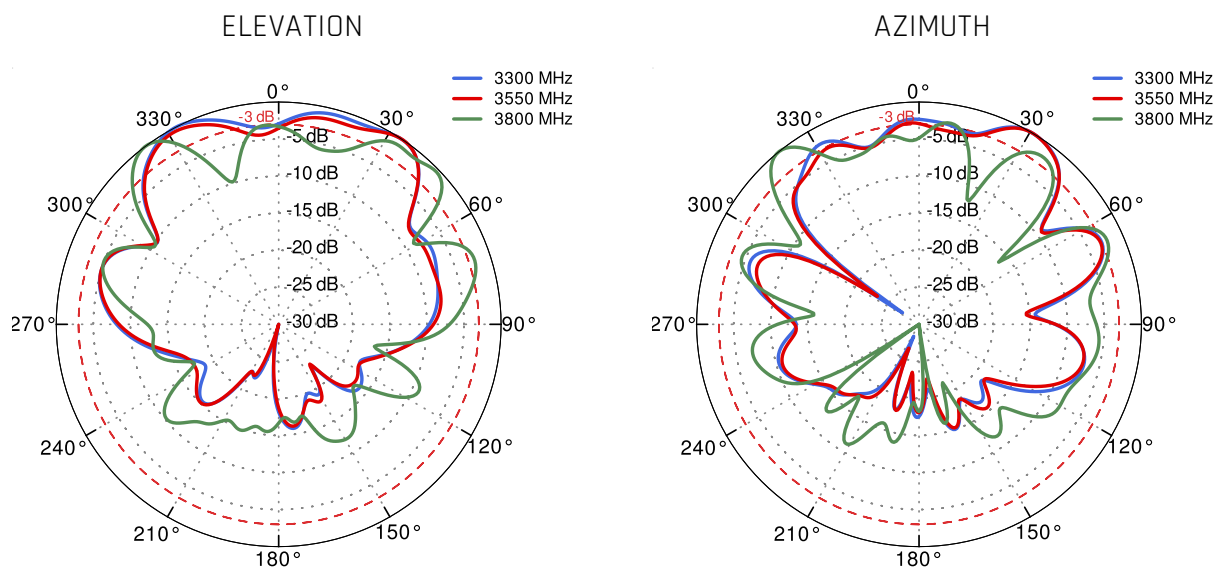
## 5G/LTE Port 1/3 from 1.71GHz to 2.17GHz



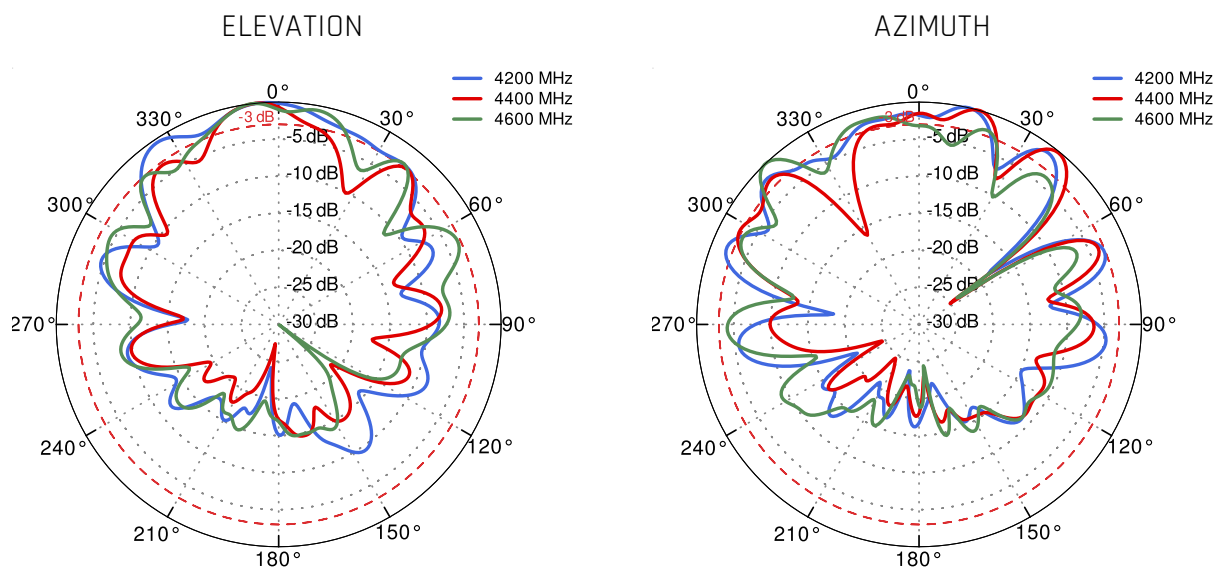
## 5G/LTE Port 1/3 from 2.3GHz to 2.7GHz



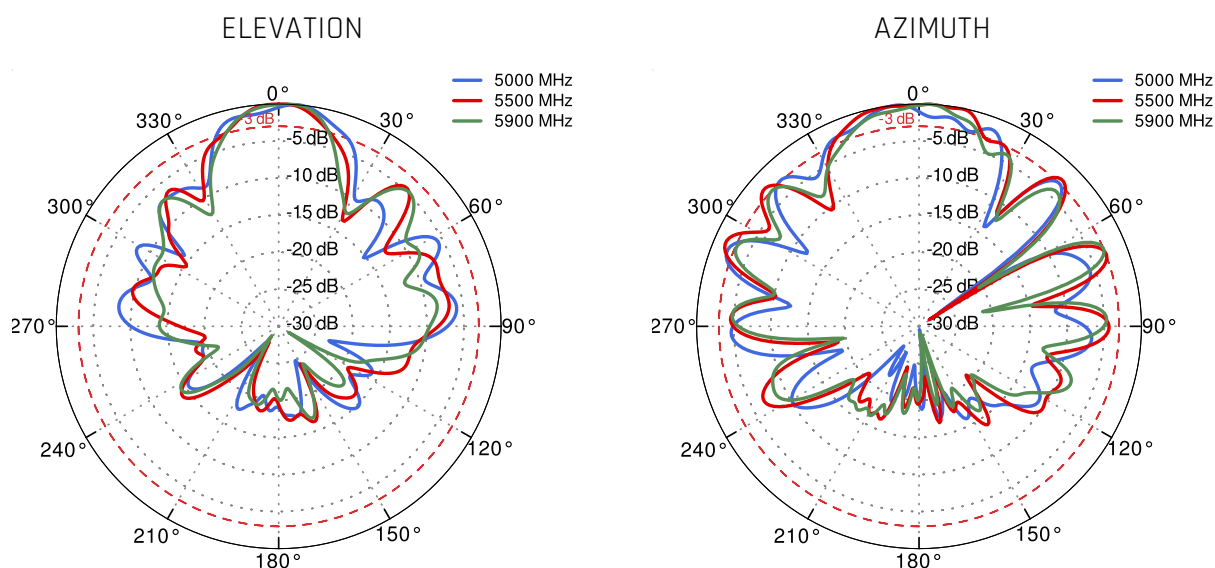
## 5G/LTE Port 1/3 from 3.3 GHz to 3.8 GHz



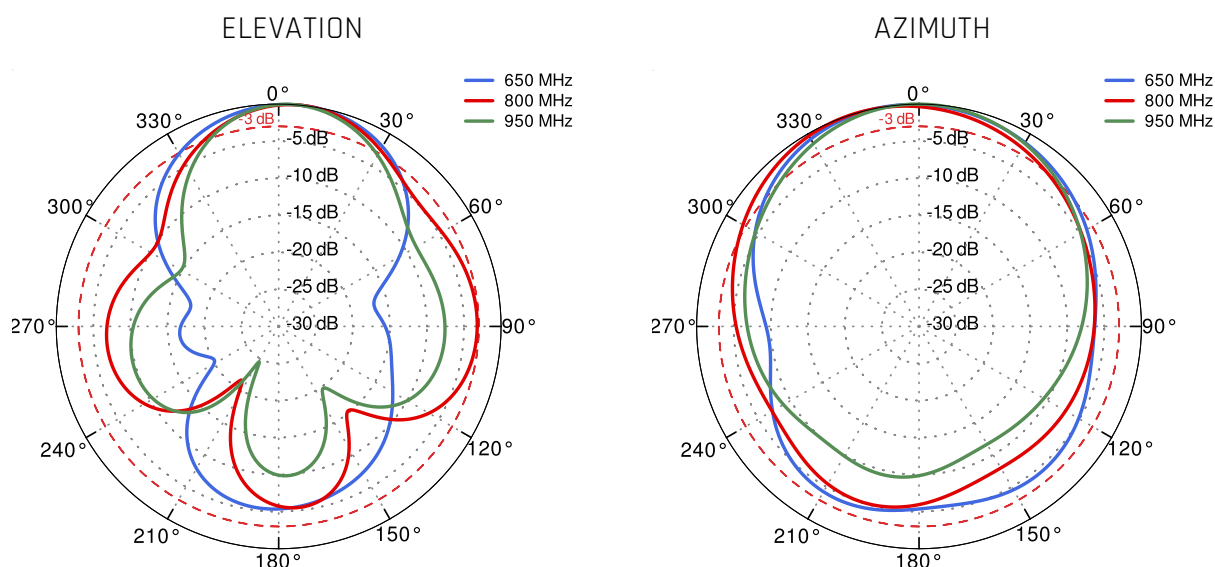
## 5G/LTE Port 1/3 from 4.2 GHz to 4.6 GHz



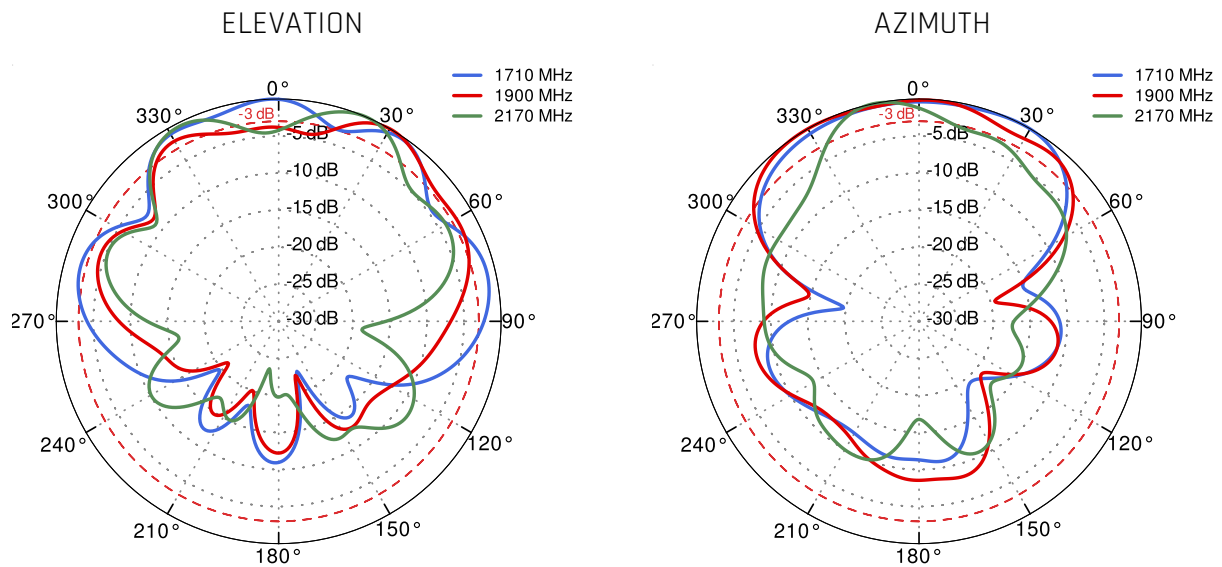
## 5G/LTE Port 1/3 from 5.0 GHz to 5.9 GHz



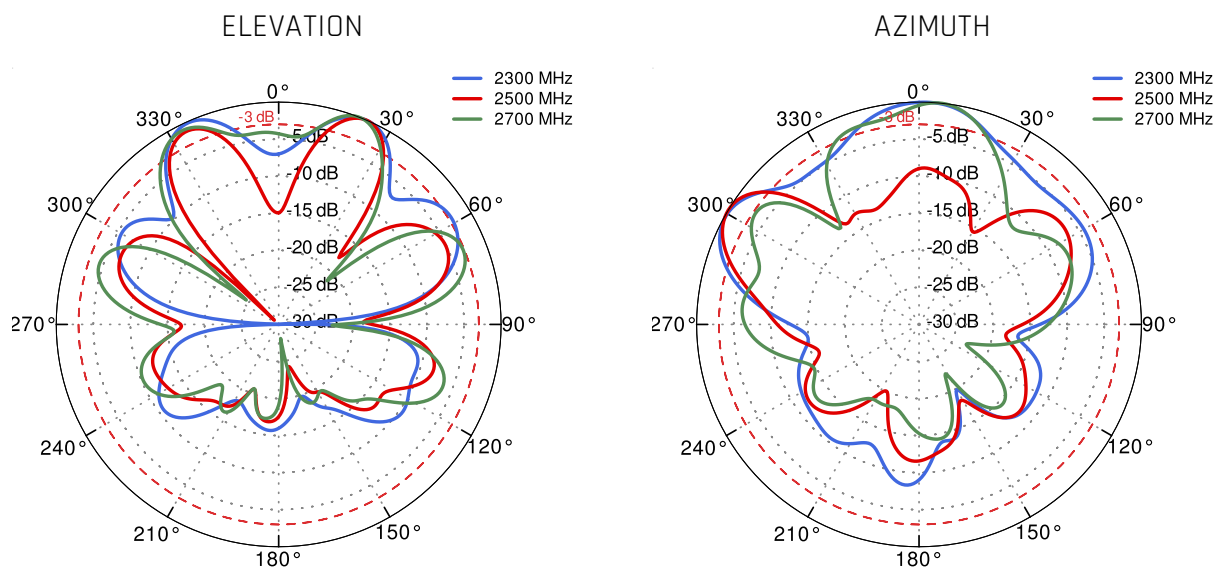
## 5G/LTE Port 2/4 from 650 MHz to 950 MHz



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

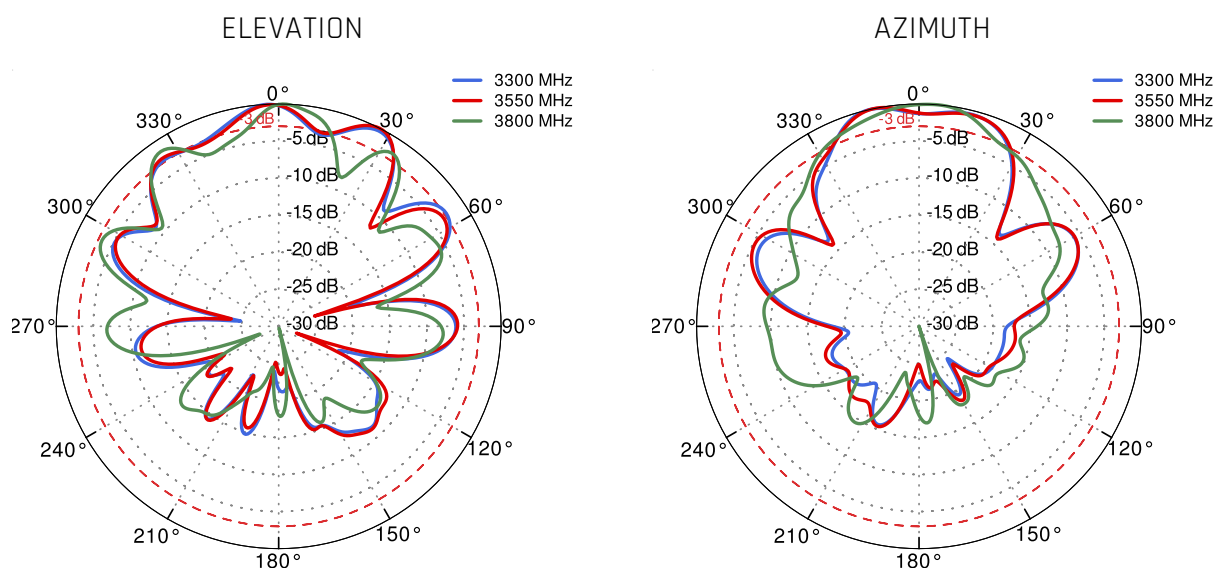


## 5G/LTE Port 2/4 from 2.3 GHz to 2.7 GHz

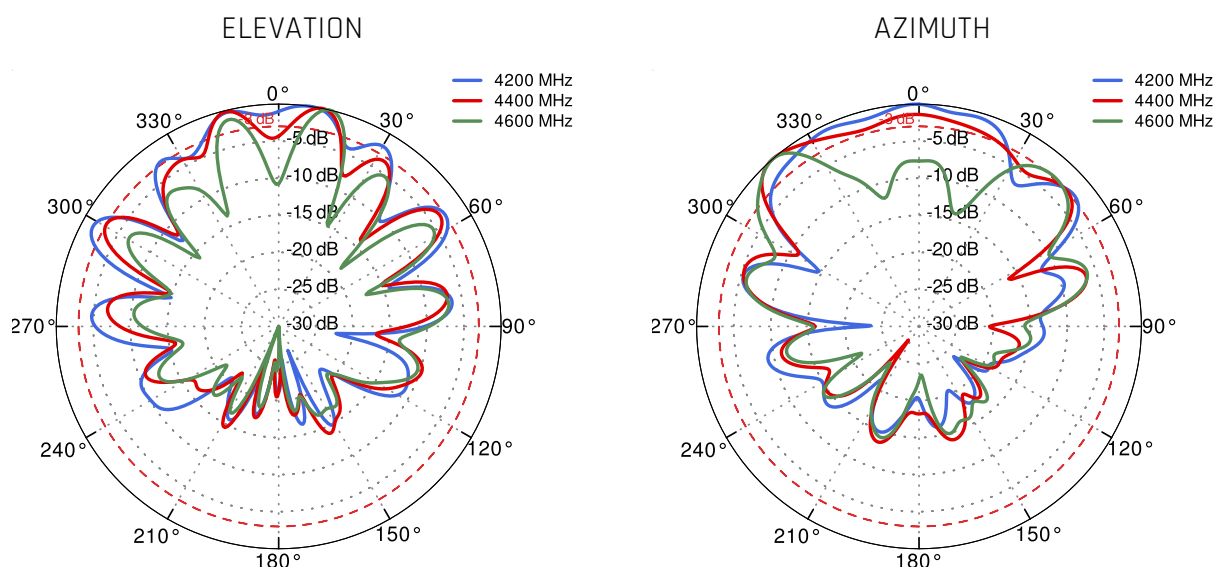




## 5G/LTE Port 2/4 from 3.3 GHz to 3.8 GHz

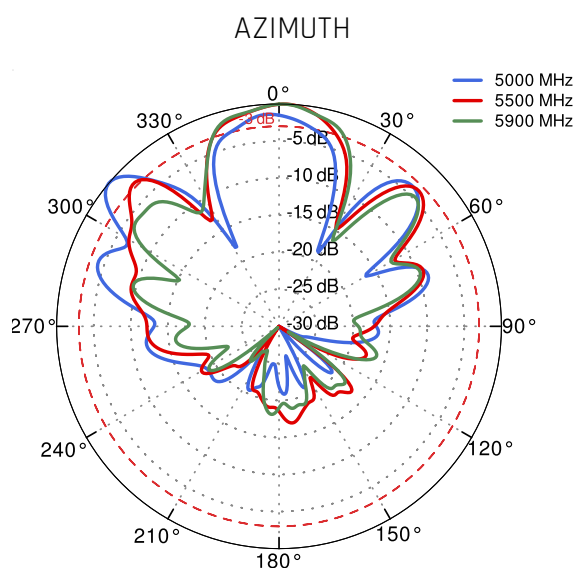
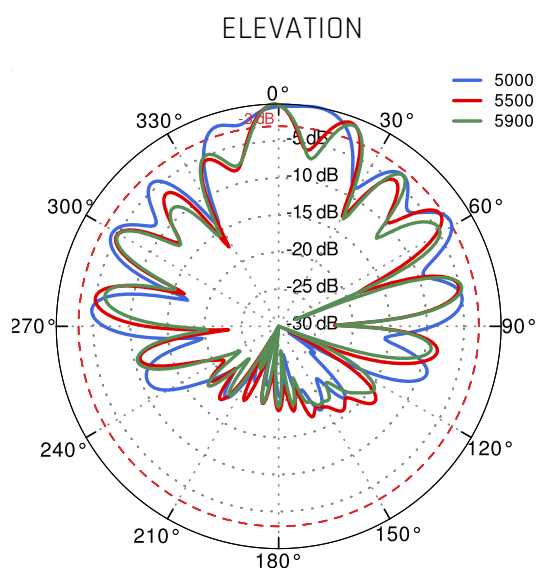


## 5G/LTE Port 2/4 from 4.2 GHz to 4.6 GHz

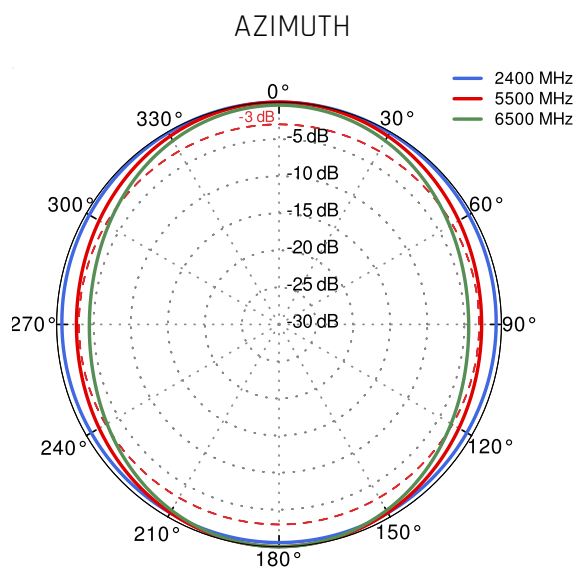
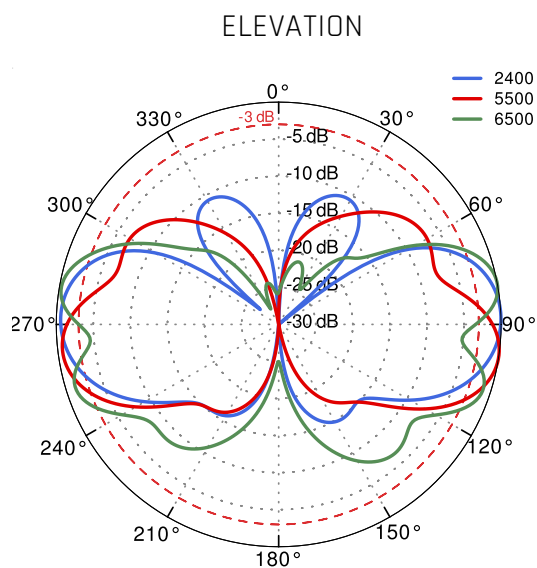




## 5G/LTE Port 2/4 from 5.0 GHz to 5.9 GHz



## Wi-Fi From 2.4 GHz to 6.5 GHz



## DIMENSIONS

