

# QuMax 5G/LTE MIMO 4x4

## INTEGRATED MULTI-BAND 5G DIRECTIONAL ANTENNA + PLACE TO INSTALL ROUTERBOARD WITH MODEM

QuMax 4x4 directional 5G antenna for 5G modems is ultra wideband 5G outdoor antenna. It's primary designed for LTE/5G/3G/2G 2x2 modems. The antenna covers many LTE bands including the new Extended LTE Band 71 and frequencies: 600 - 6000MHz. The mounting bracket allows the antenna to be installed on the pole or on the wall. It features a special place inside to mount your own electronics. The antenna is equipped with MHF4 connectors.

**5G****BAND 71****617-6000MHz****4x4 MIMO****7 dBi****DIRECTIONAL****IP 67****-40° TO +80°**

WIDE BAND 600-6000MHZ, 5G TECHNOLOGY



FIBERGLASS, WALL OR POLE MOUNTING BRACKET



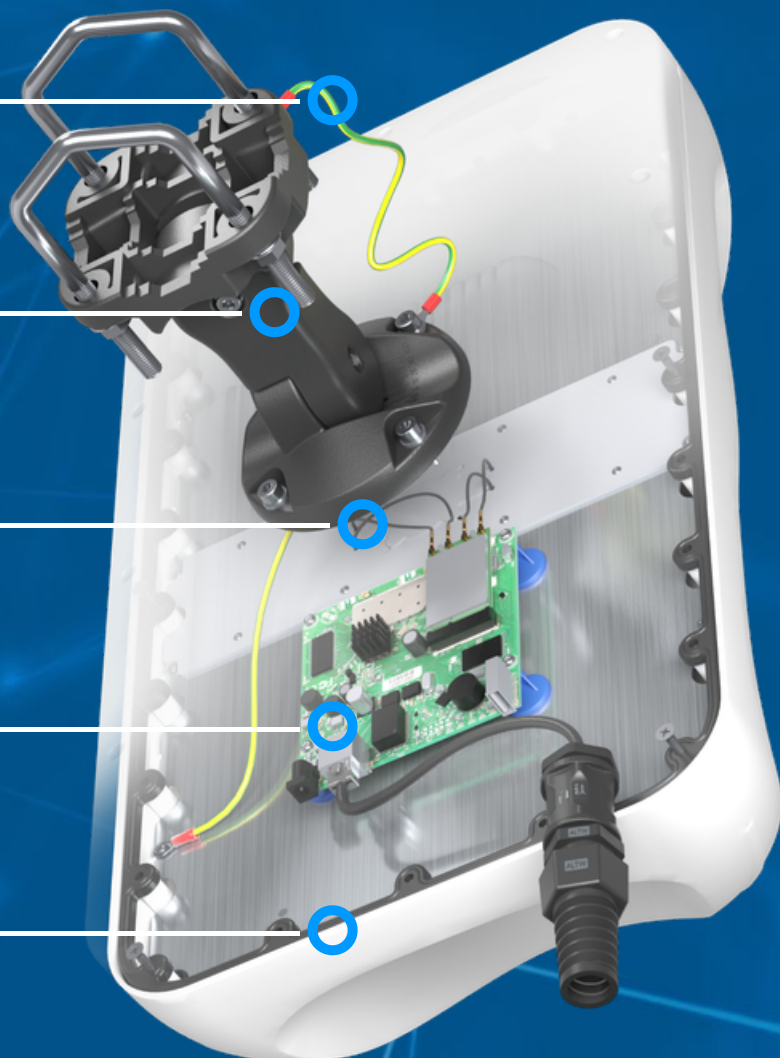
80° BEAMWIDTH



7DBI GAIN



MADE IN EUROPE



## 5G / LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.6 GHz 4.7 - 6.0 GHz
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	X (+-45degrees)
IMPEDANCE	50 $\Omega$

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, fiberglass
CONNECTOR TYPE	Nf
INGRESS PROTECTION	IP67
DIMENSIONS	486.0 x 292.2 x 210 mm 19.13 x 11.50 x 8.27 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
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						

617 MHz 6000 MHz

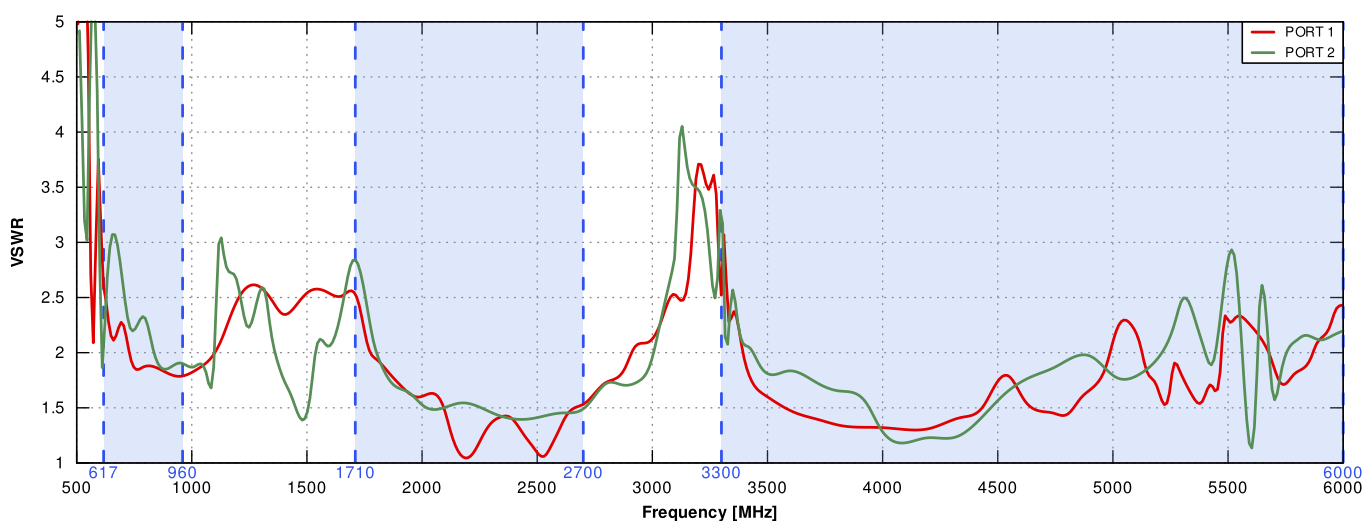
**5G**

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		

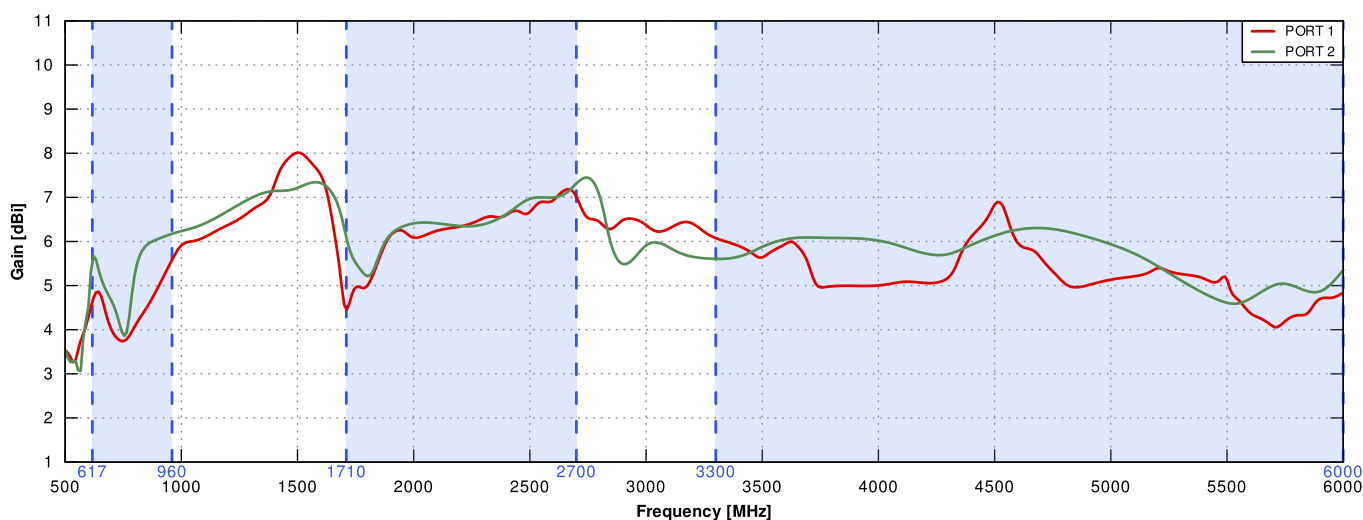
617 MHz 6000 MHz

## PLOTS

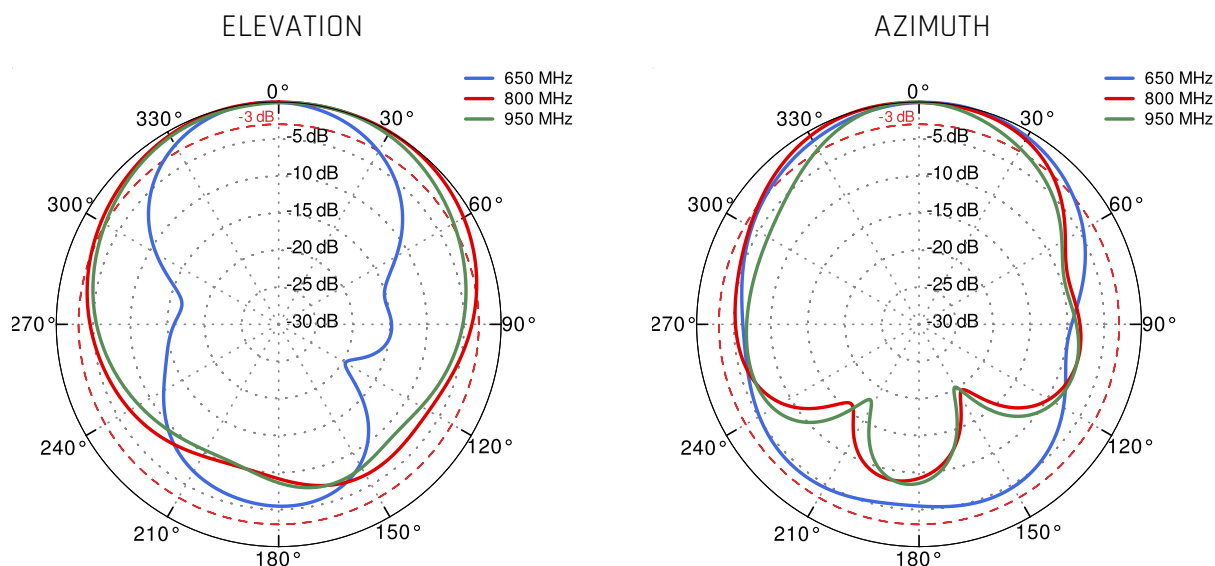
VSWR



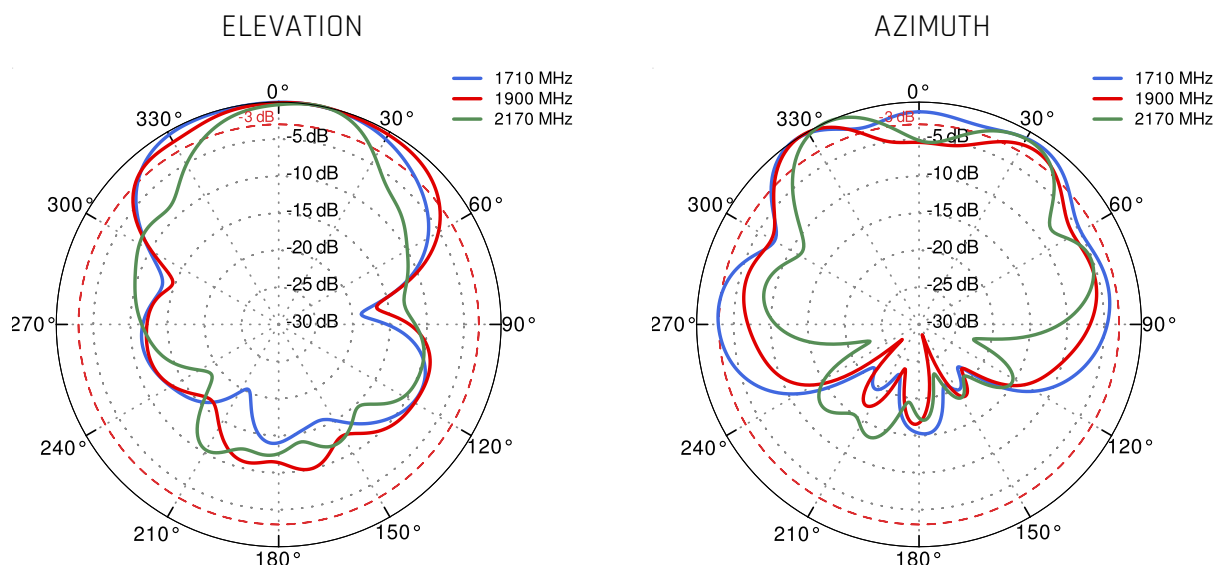
Gain



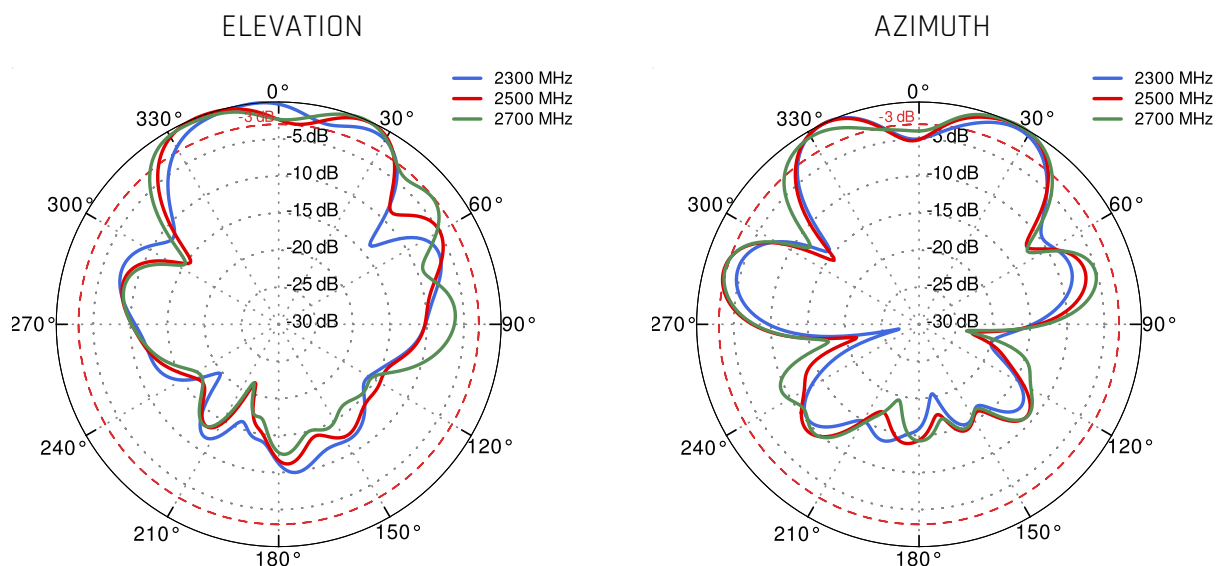
## PORT 1 - 5G/LTE from 650MHz to 950MHz



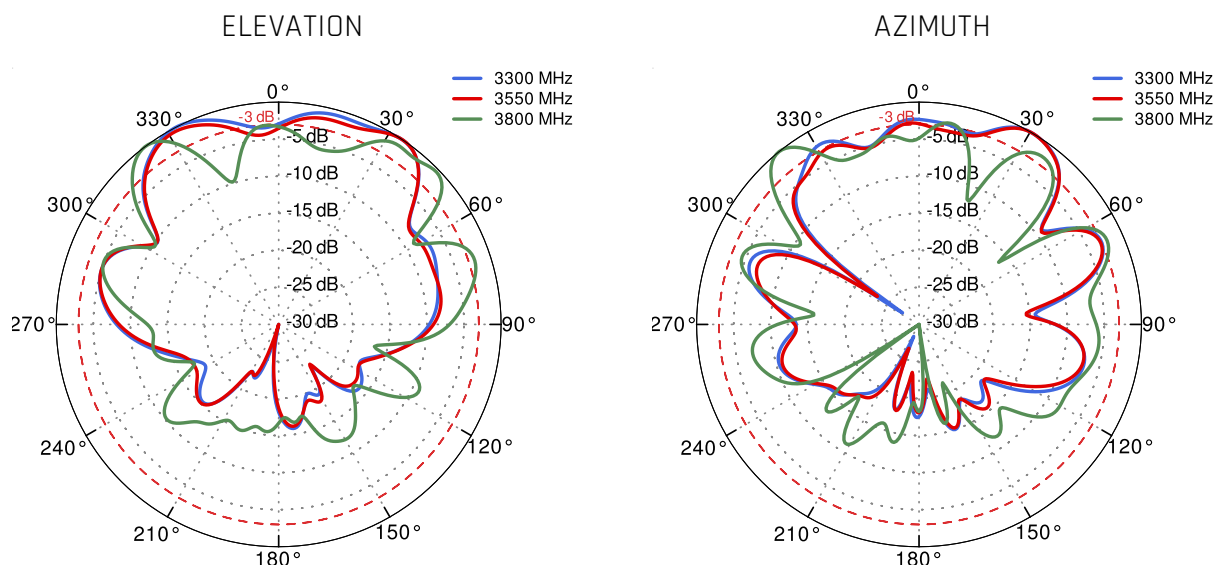
## PORT 1 - 5G/LTE from 1.71GHz to 2.17GHz



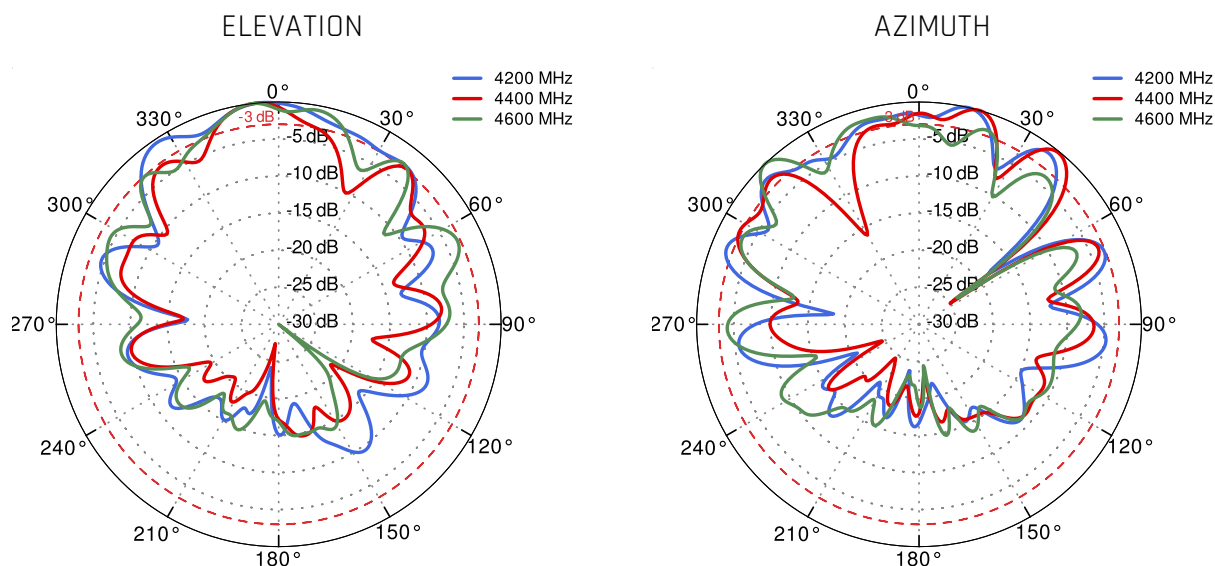
## PORT 1 - 5G/LTE from 2.3GHz to 2.7GHz



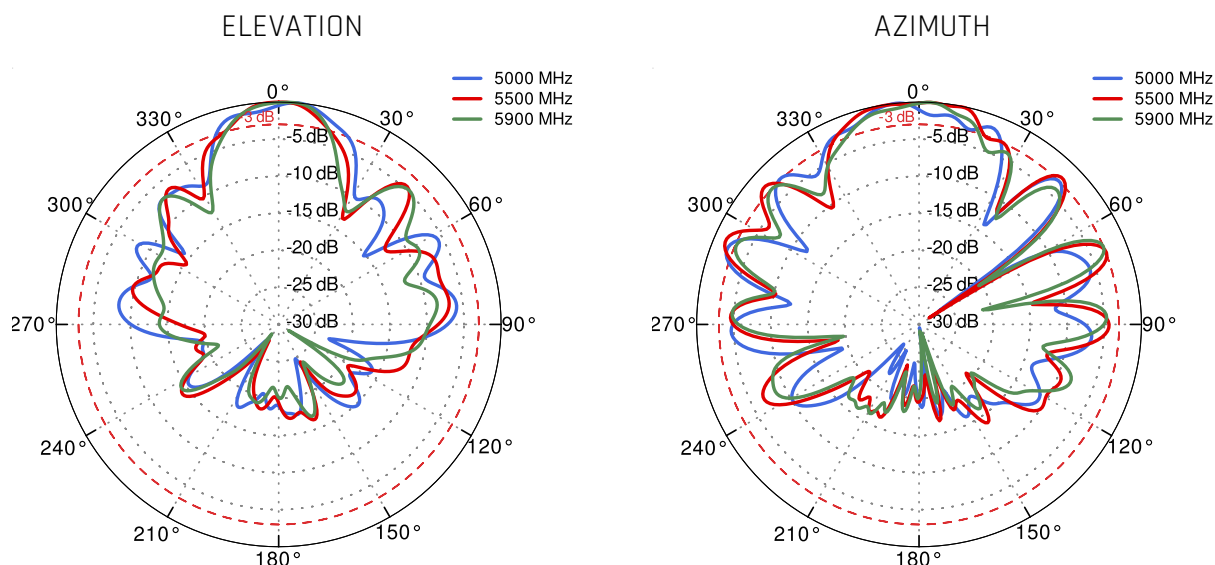
## PORT 1 - 5G/LTE from 3.3GHz to 3.8GHz



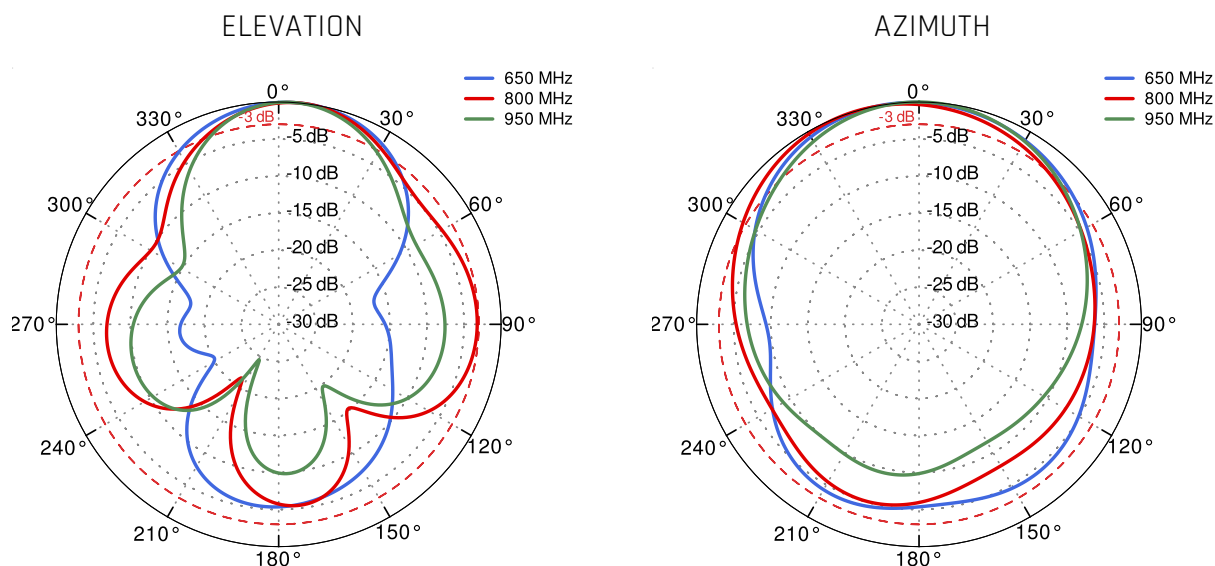
## PORT 1 - 5G/LTE from 4.2GHz to 4.6GHz



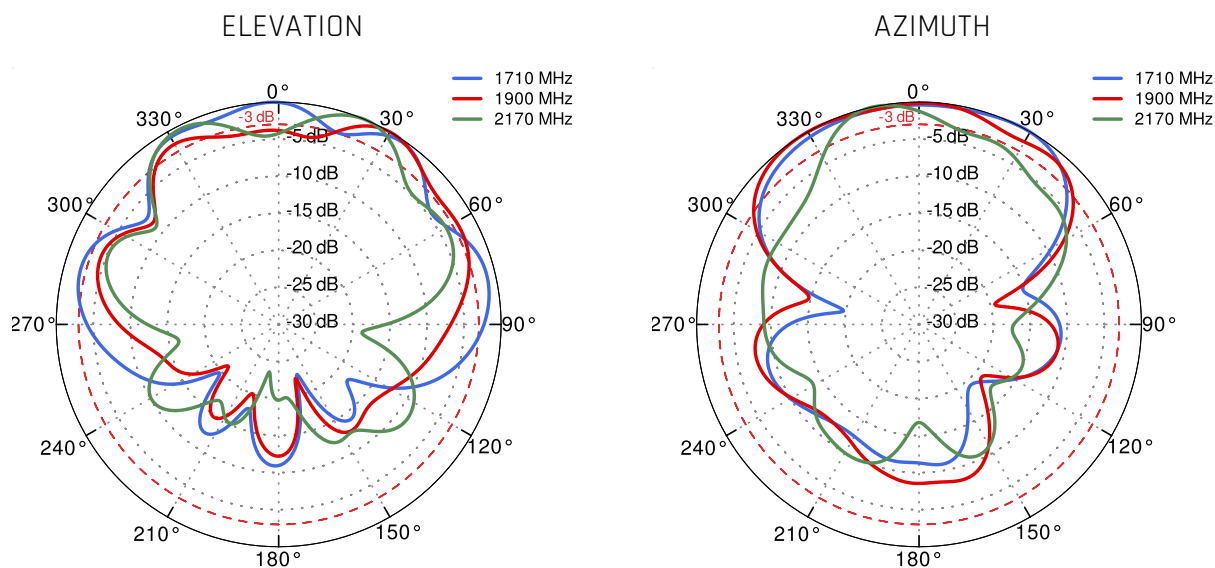
## PORT 1 - 5G/LTE from 5.0GHz to 5.9GHz



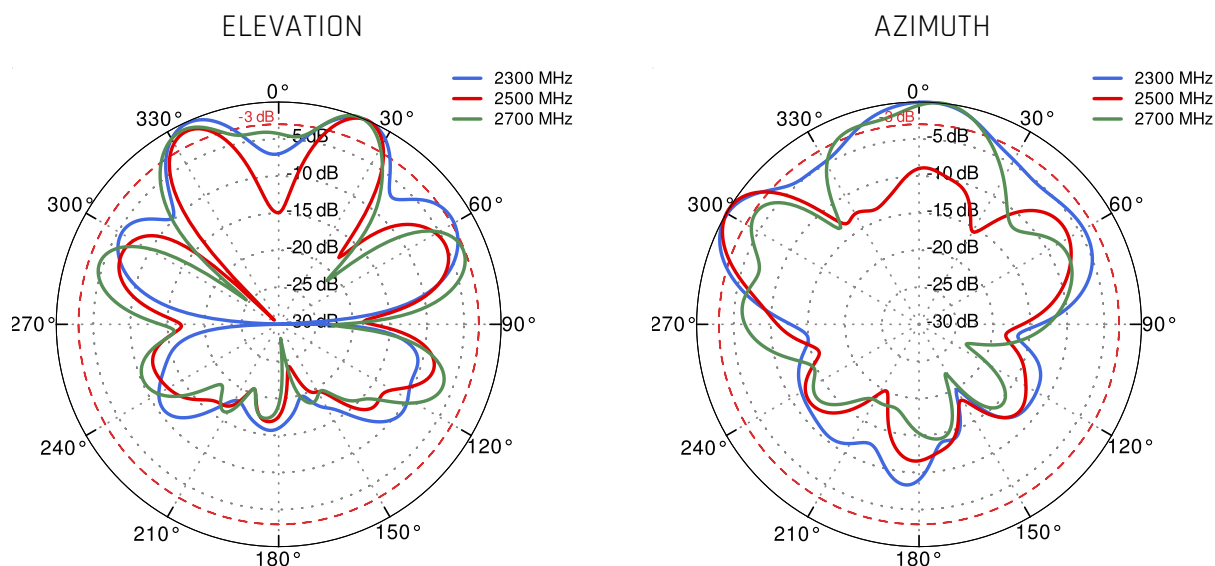
## PORT 2 - 5G/LTE from 650MHz to 950MHz



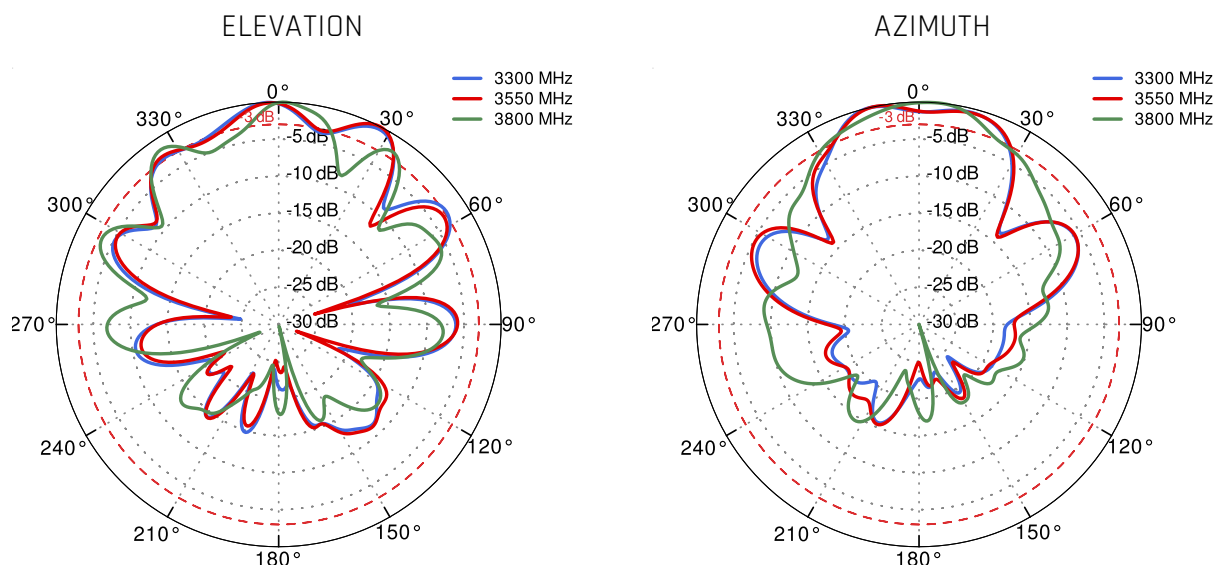
## PORT 2 - 5G/LTE from 1.71GHz to 2.17GHz



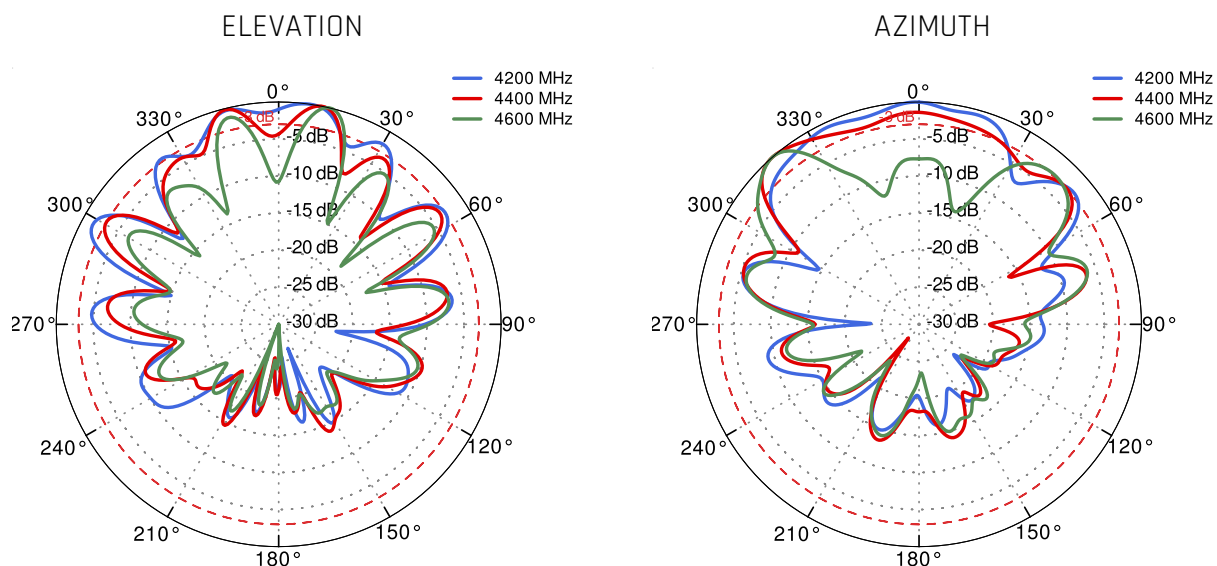
## PORT 2 - 5G/LTE from 2.3GHz to 2.7GHz



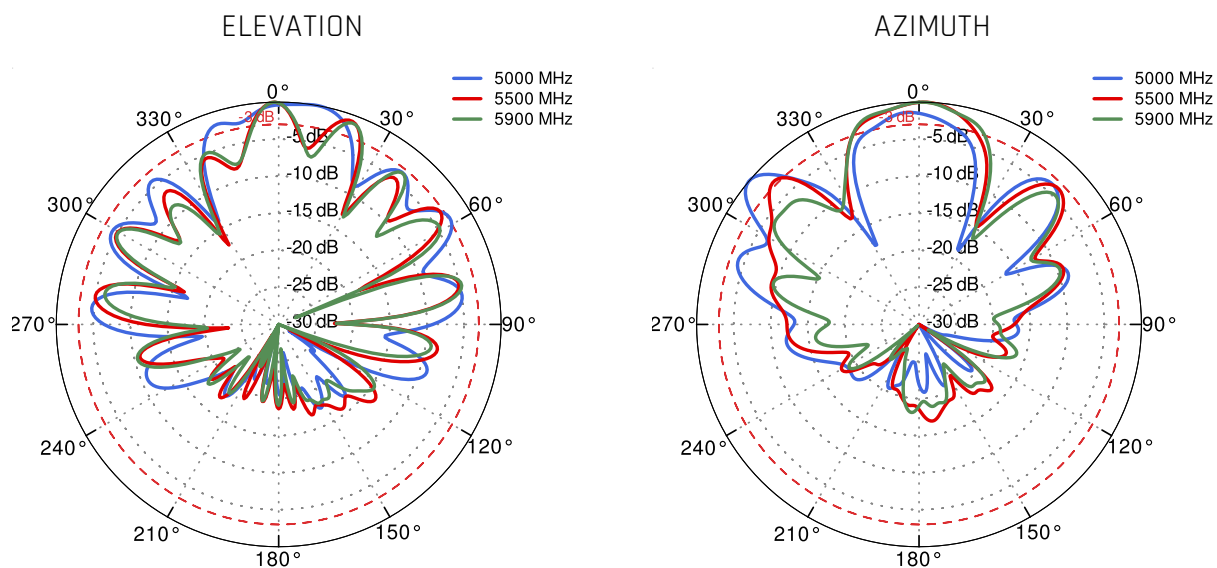
## PORT 2 - 5G/LTE from 3.3GHz to 3.8GHz



## PORT 2 - 5G/LTE from 4.2GHz to 4.6GHz



## PORT 2 - 5G/LTE from 5.0GHz to 5.9GHz



## DIMENSIONS

