





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 4x4 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 (There is no specific order for cable connection.).

 5G	 BAND 71	 617-6000MHz	 4x4 MIMO	 7 dBi	 DIRECTIONAL	 IP 68	 -40° TO +80°
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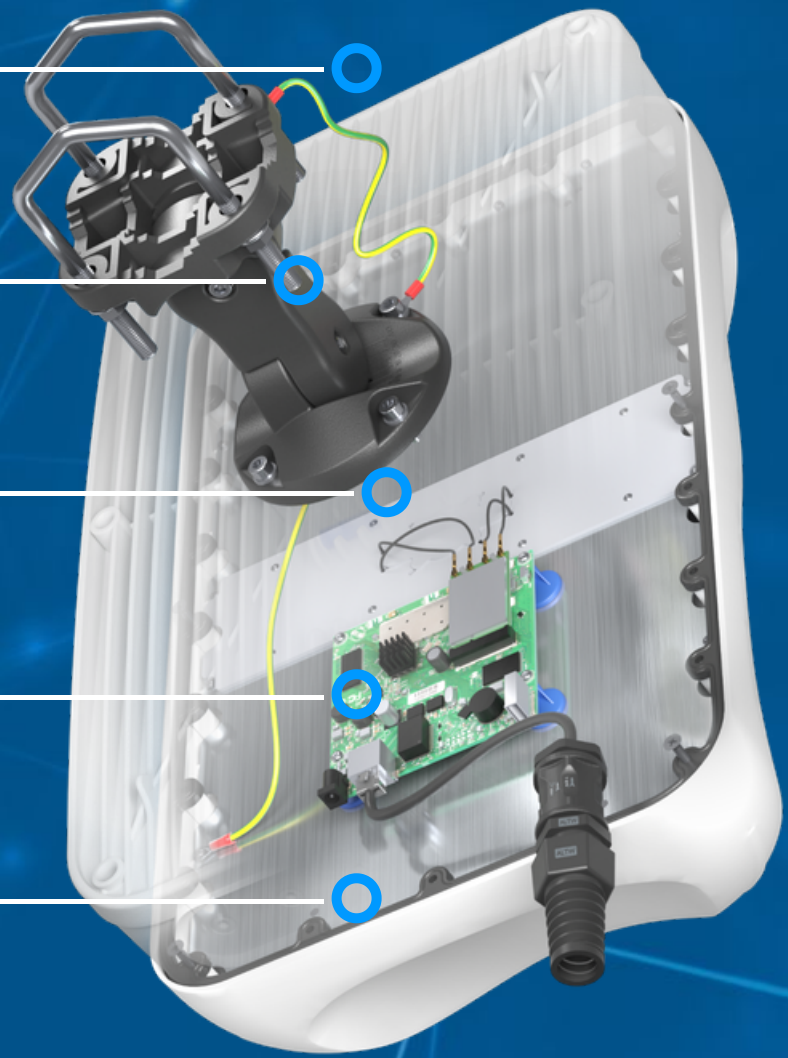
 WIDE BAND 600-6000MHZ, 5G TECHNOLOGY

 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 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, fiberglass
CONNECTOR TYPE	MHF4
INGRESS PROTECTION	IP68
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

**ENCLOSURE RECOMMENDED
TIGHTENING TORQUE**

0.6 - 0.8 Nm

MAST DIAMETER

 25-66mm
0.98-2.60 inch



FREQUENCY BANDS

LTE / 4G

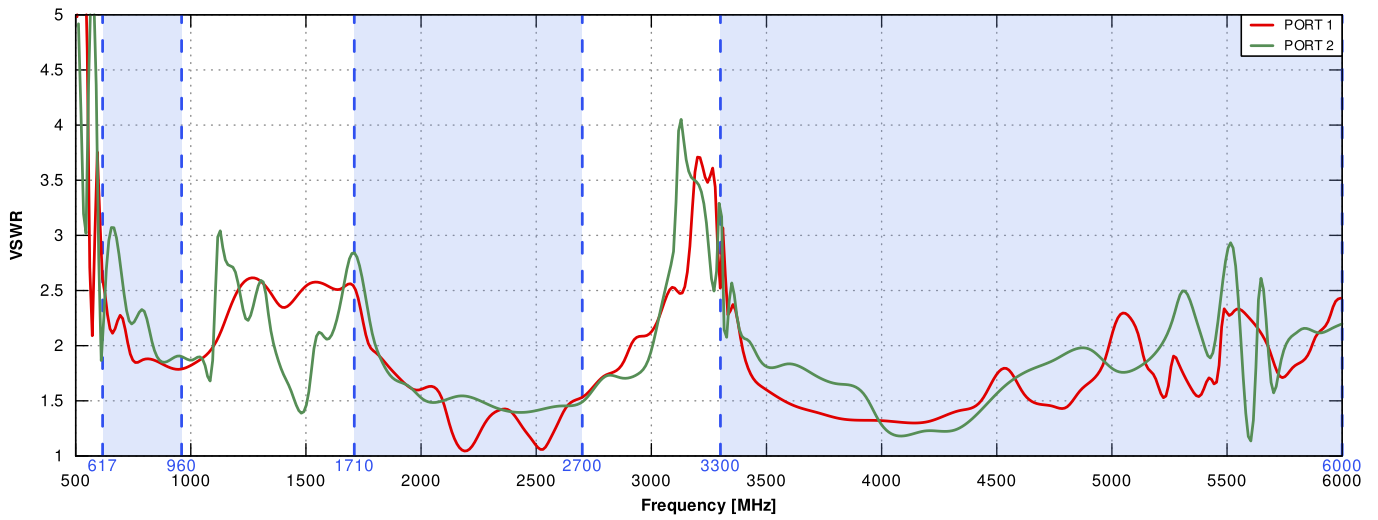
617 MHz	1	2	3	4	5	7	8	6000 MHz
	9	10	12	13	14	17	18	
	19	20	22	25	26	27	28	
	29	30	33	34	35	36	37	
	38	39	40	41	42	43	44	
	46	47	48	49	52	53	65	
	66	67	68	69	71	85	103	
	106							

5G

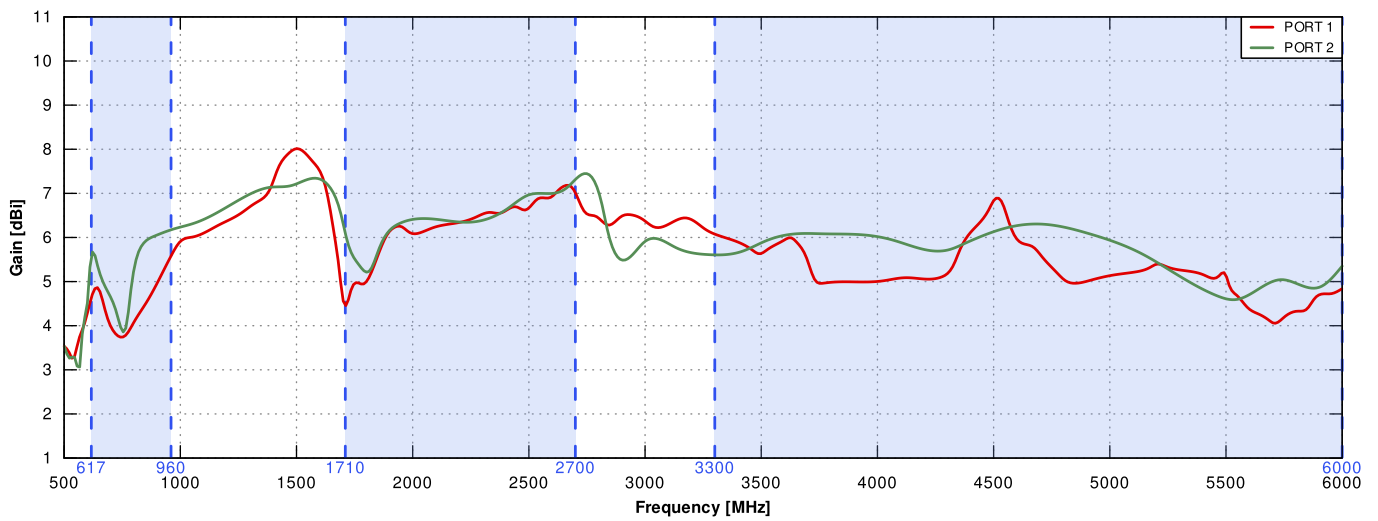
617 MHz	n1	n2	n3	n5	n7	n8	n12	6000 MHz
	n13	n14	n18	n20	n25	n26	n28	
	n29	n30	n34	n38	n39	n40	n41	
	n46	n47	n48	n53	n65	n66	n67	
	n71	n77	n78	n79	n80	n81	n82	
	n83	n84	n85	n86	n89	n90	n95	
	n97	n98	n100	n101	n256			

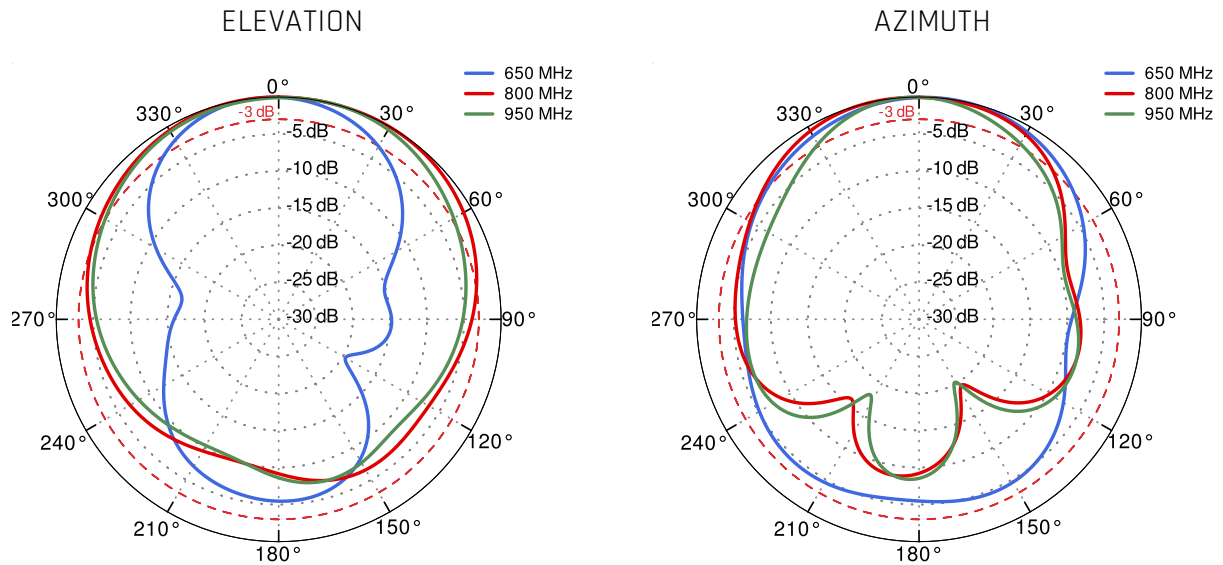
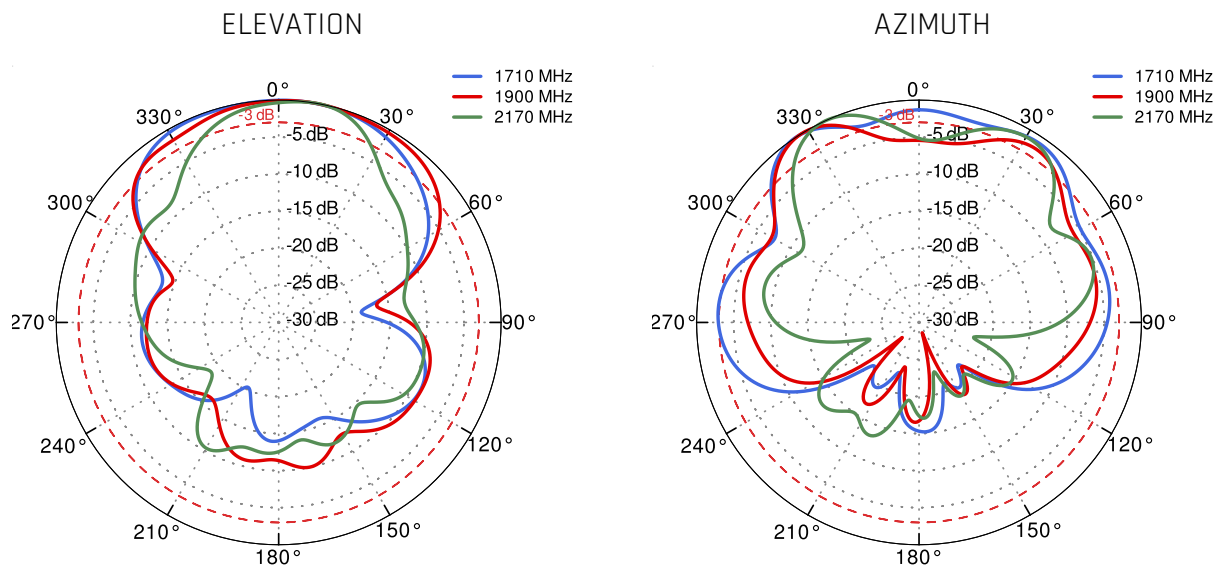
PLOTS

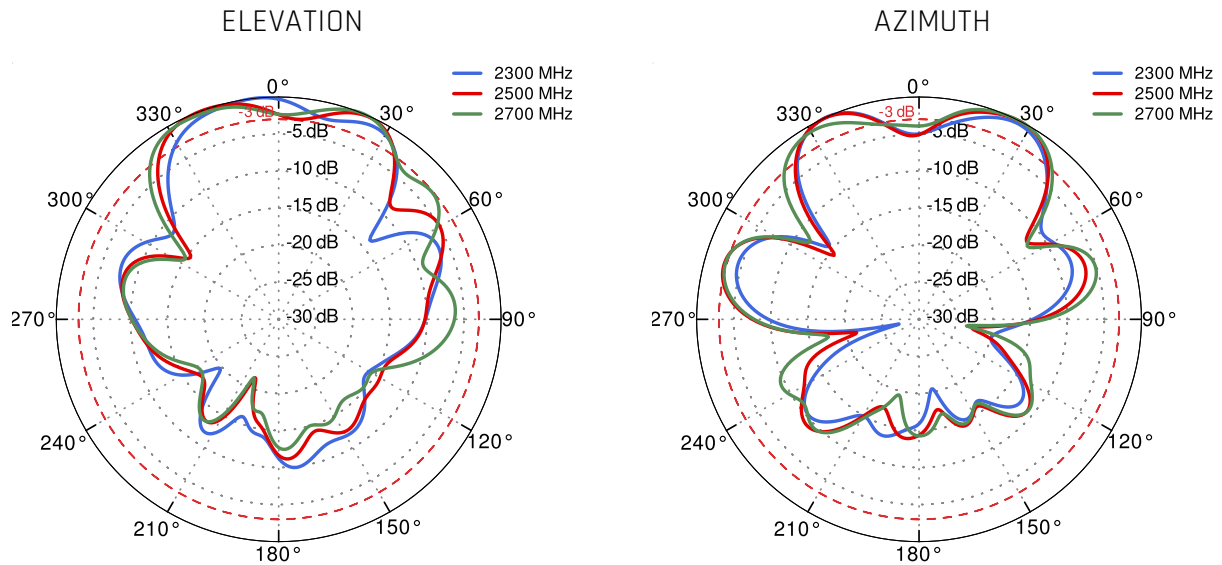
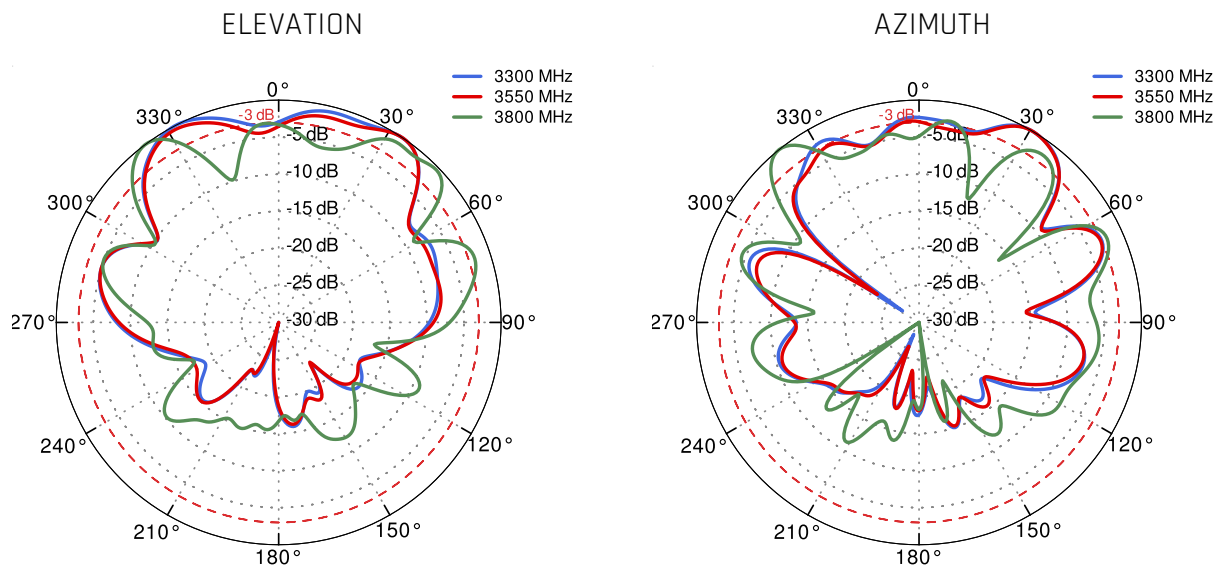
VSWR



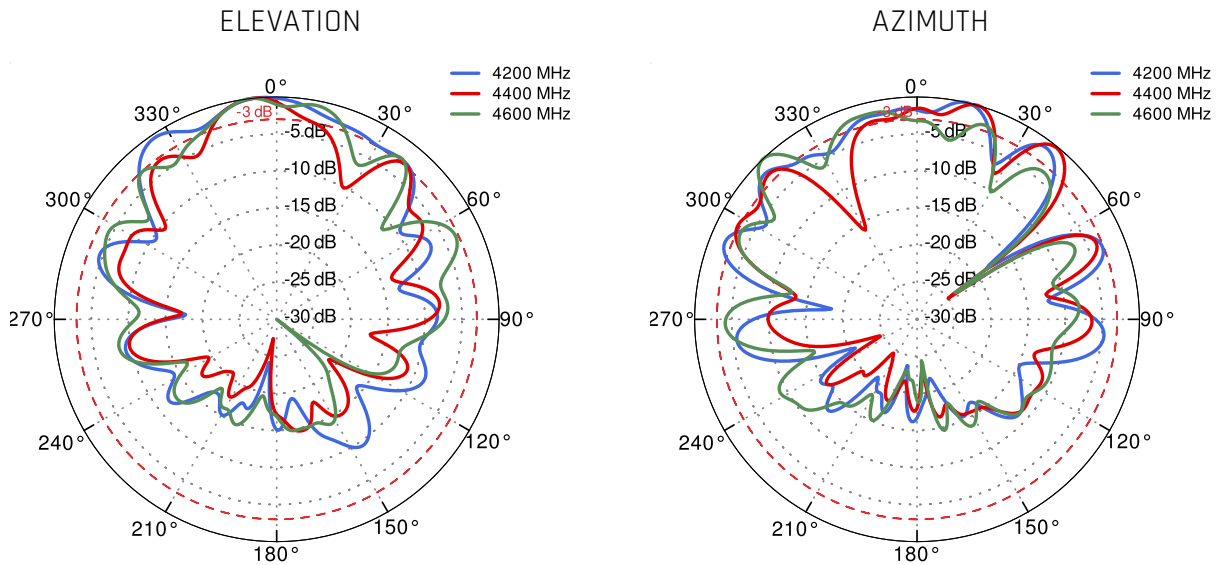
Gain



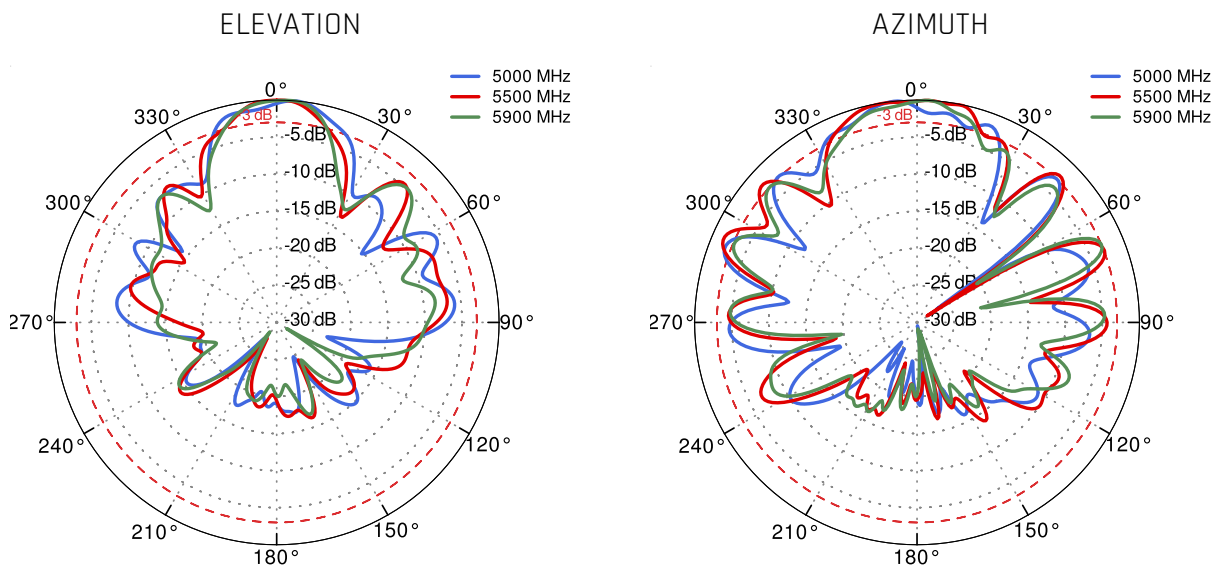
PORT 1 - 5G/LTE from 650MHz to 950MHz

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


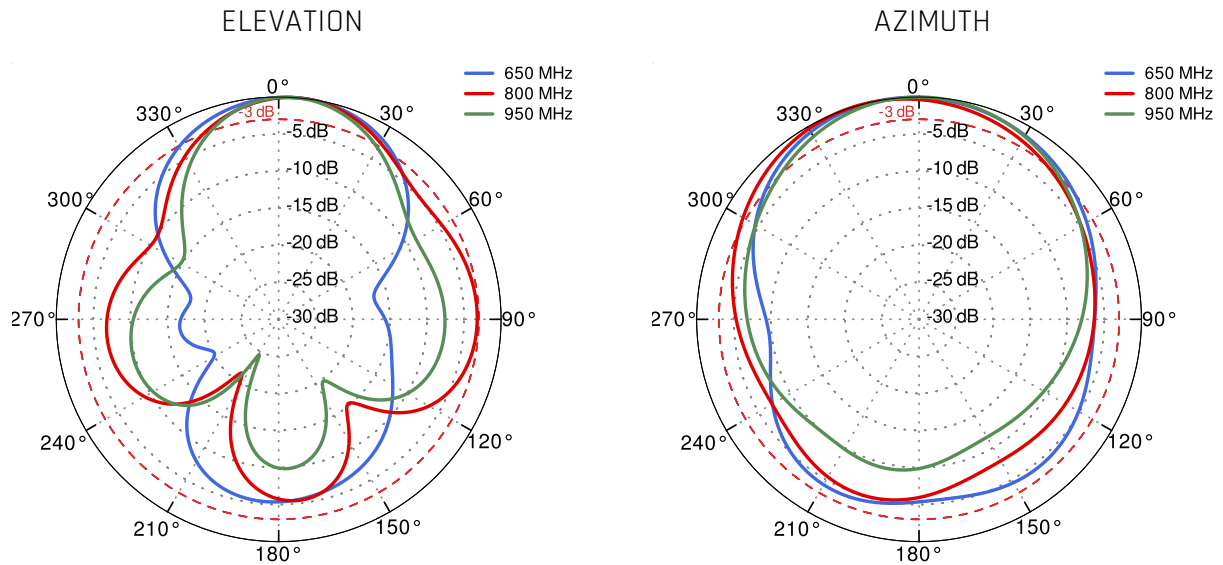
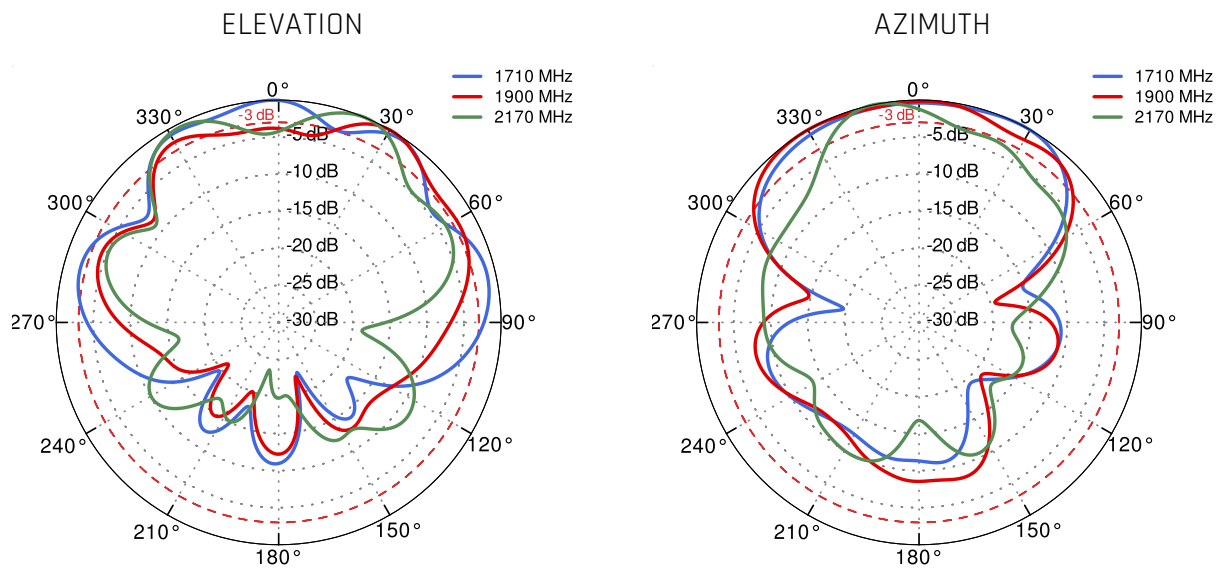
PORT 1 - 5G/LTE from 2.3GHz to 2.7GHz

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


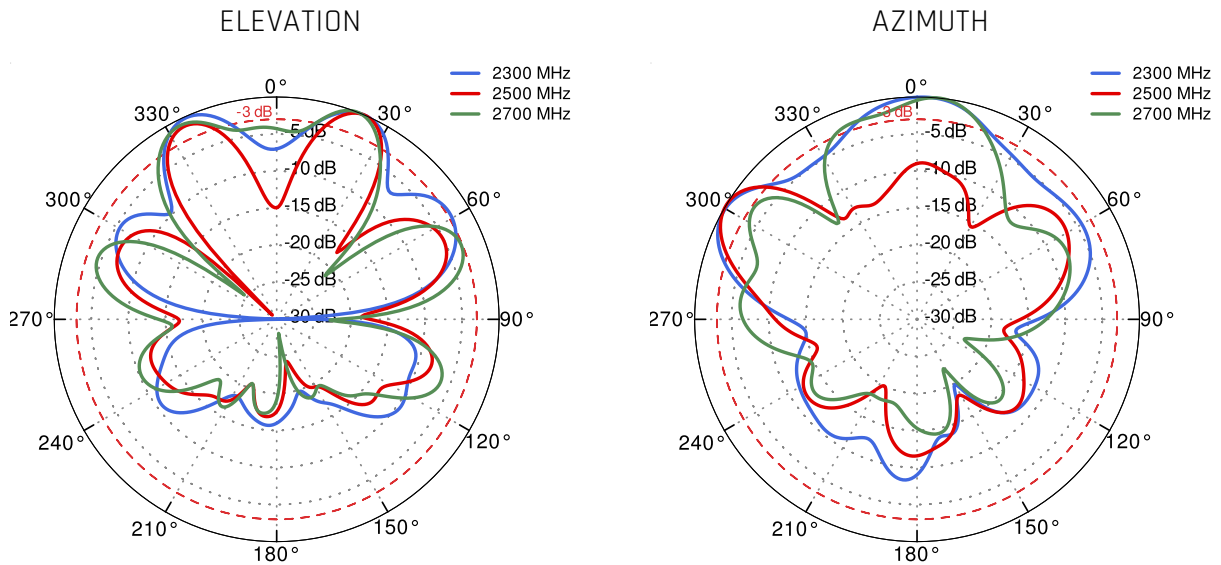
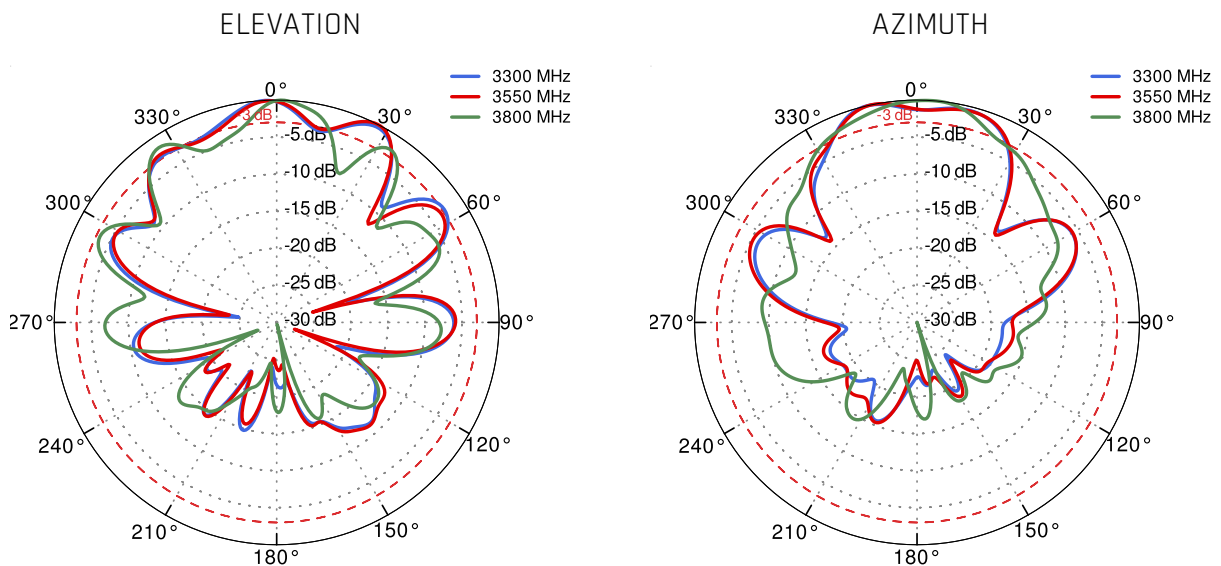
PORT 1 - 5G/LTE from 4.2GHz to 4.6GHz

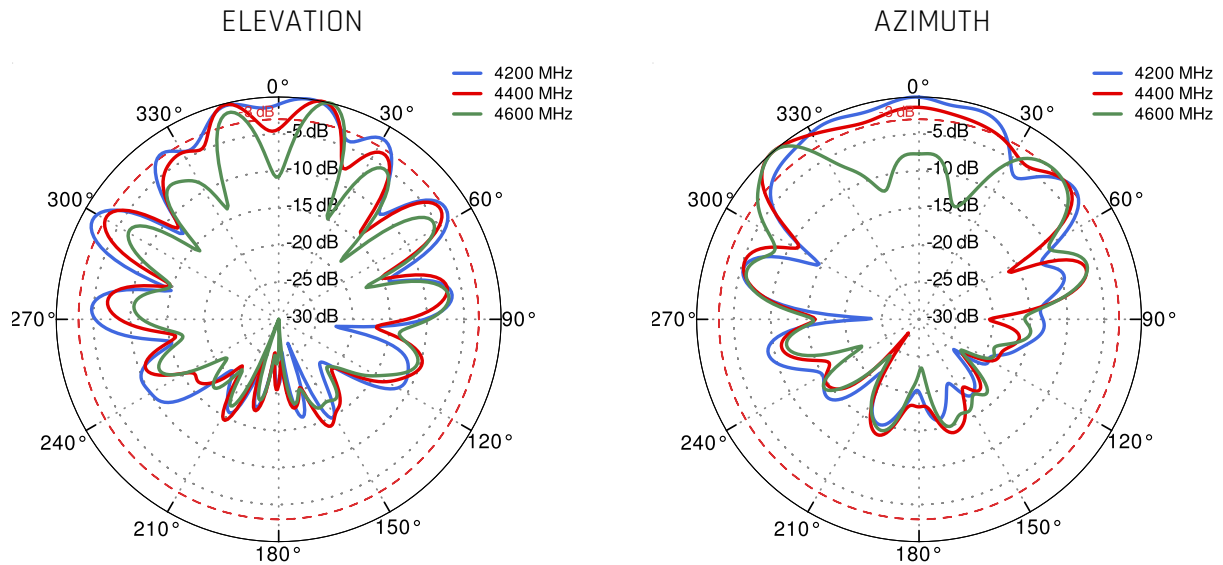
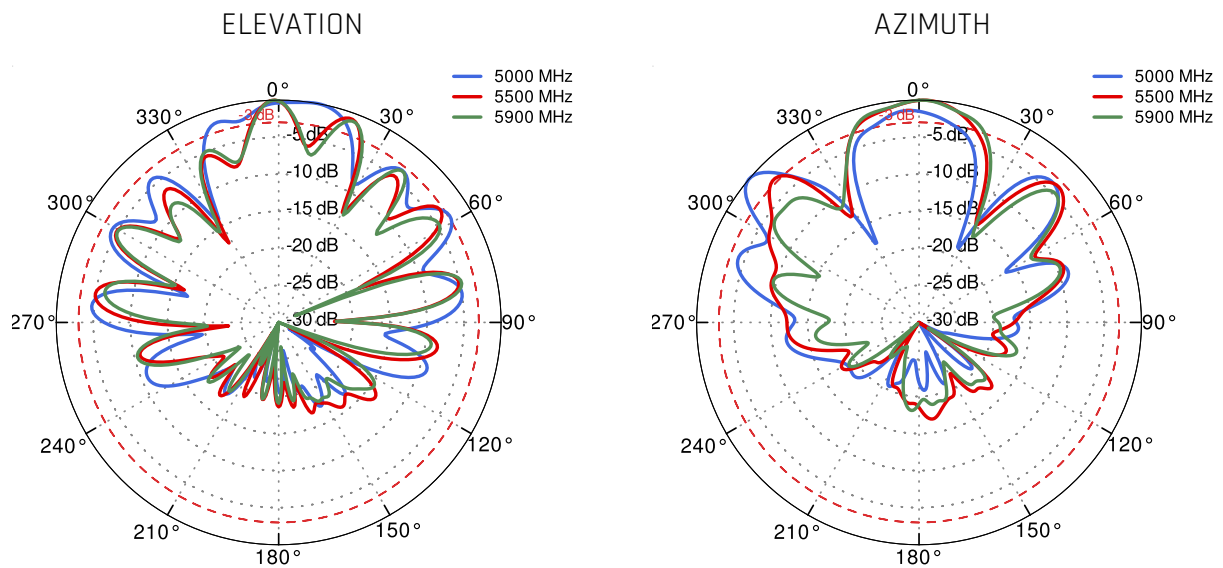


PORT 1 - 5G/LTE from 5.0GHz to 5.9GHz



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

