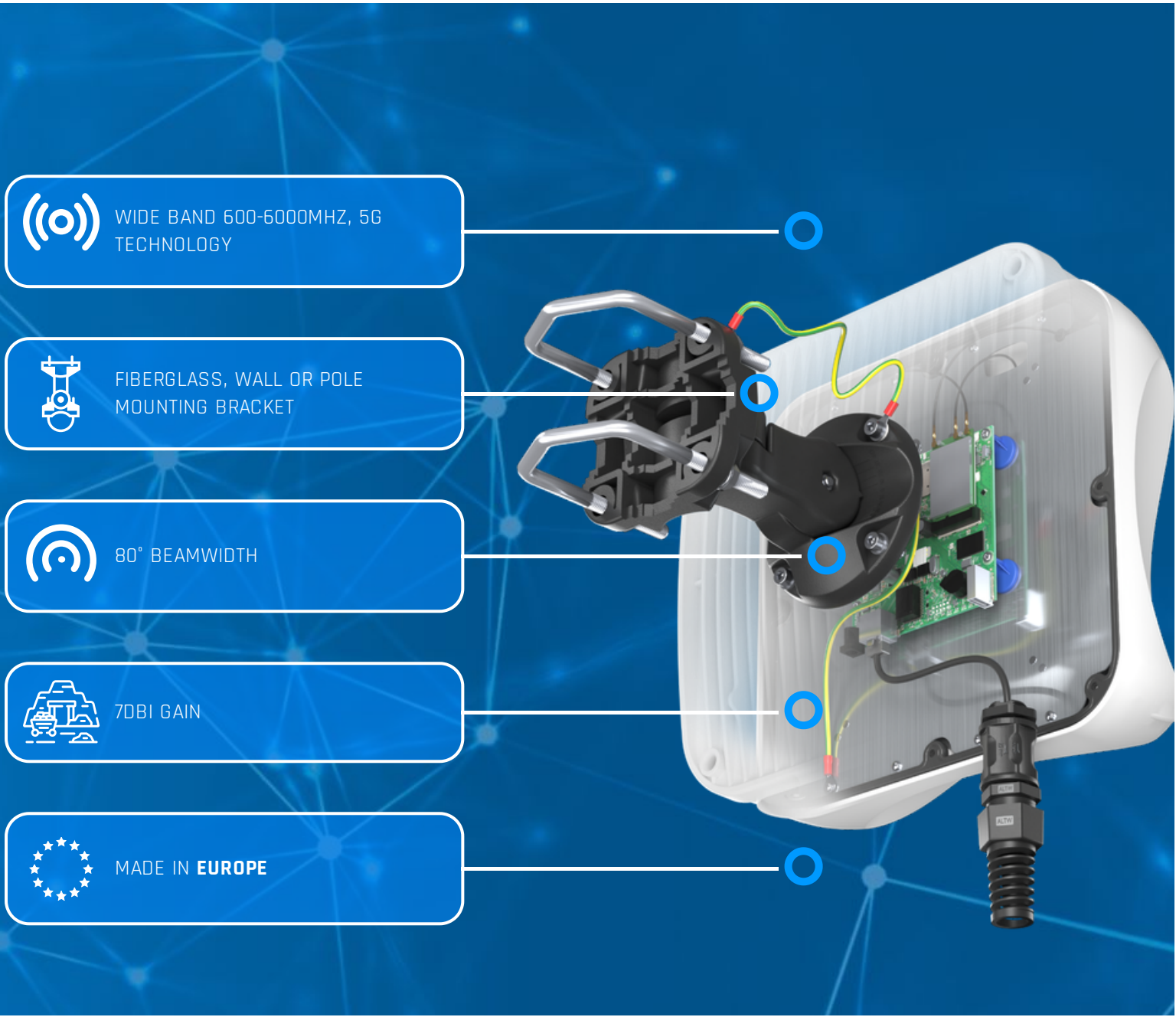
QuMax 5G/LTE MIMO 2x2 + GPS

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

QuMax 2x2 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 (There is no specific order for 5G/LTE cable connection).

5G | GPS | BAND 71 | 617-6000MHz | 2x2 MIMO | 7 dBi | DIRECTIONAL | IP 68 | -40° TO +80°



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 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

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MAST DIAMETER	25-60mm 0.98-2.36 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			

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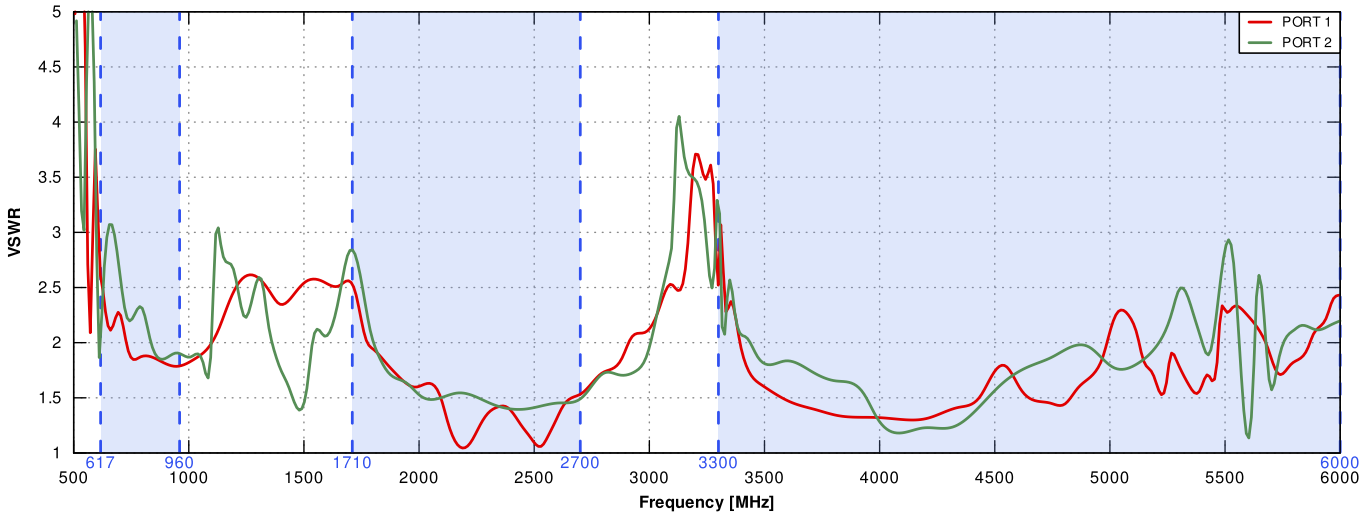
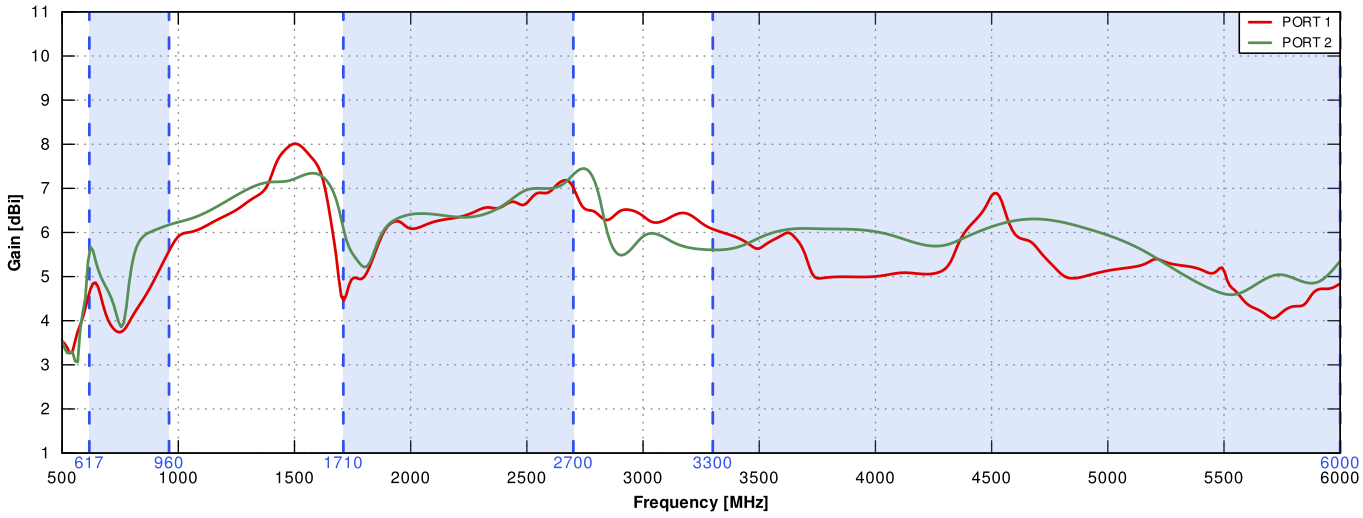
PLOTS

VSWR



Gain



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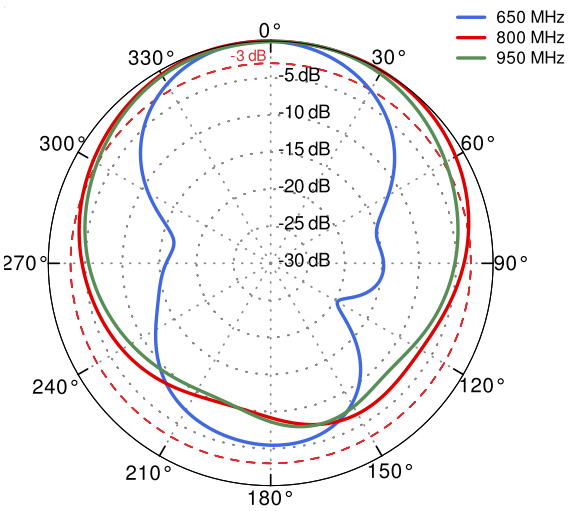
PORT 1 - 5G/LTE from 650MHz to 950MHz

ELEVATION



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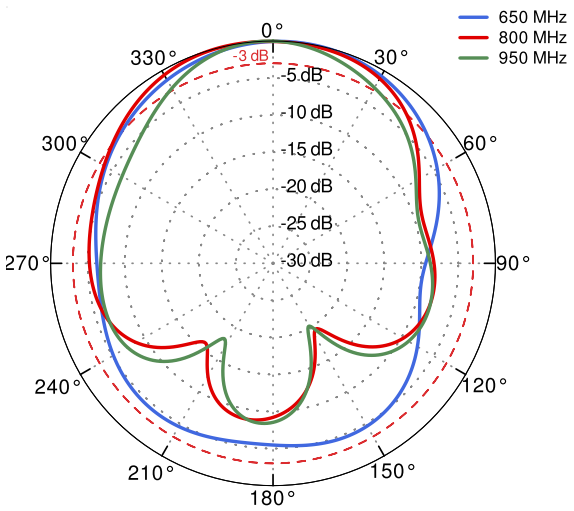
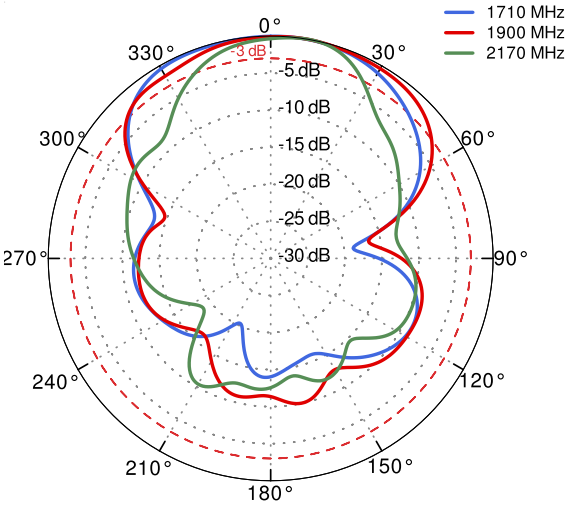


PORT 1 - 5G/LTE from 1.71GHz to 2.17GHz

ELEVATION



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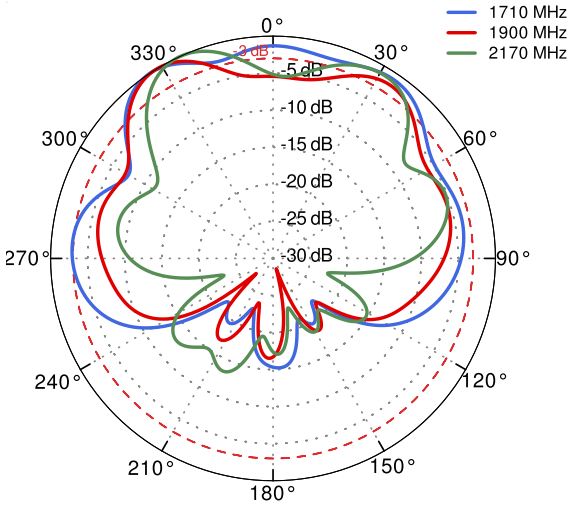

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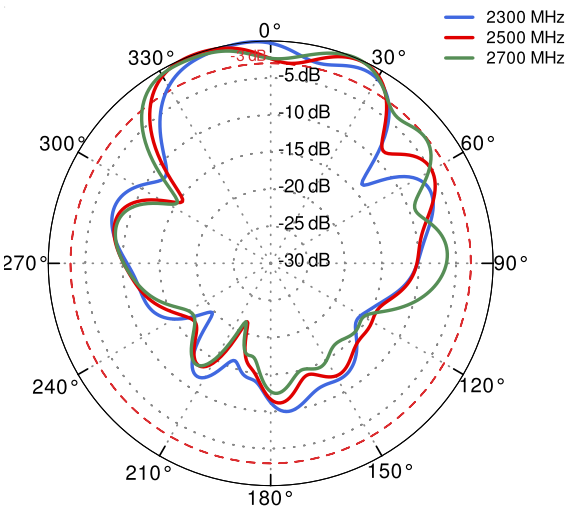
PORT 1 - 5G/LTE from 2.3GHz to 2.7GHz

ELEVATION



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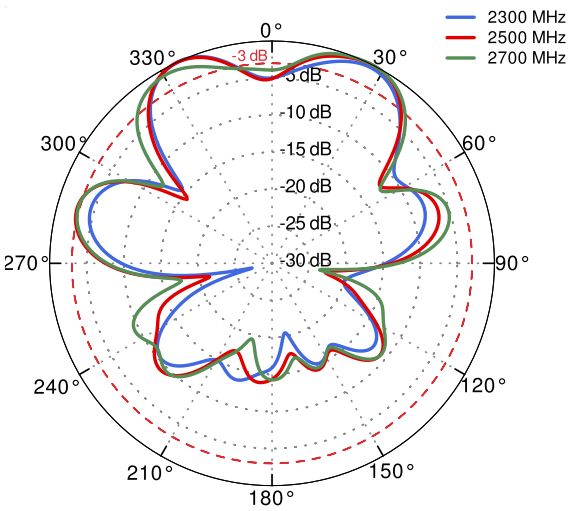
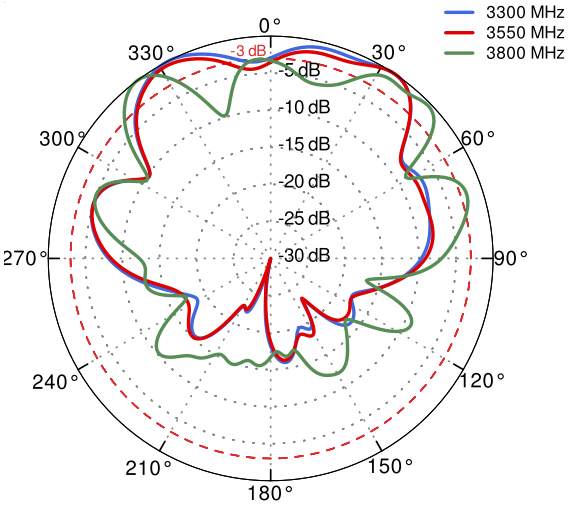


PORT 1 - 5G/LTE from 3.3GHz to 3.8GHz

ELEVATION



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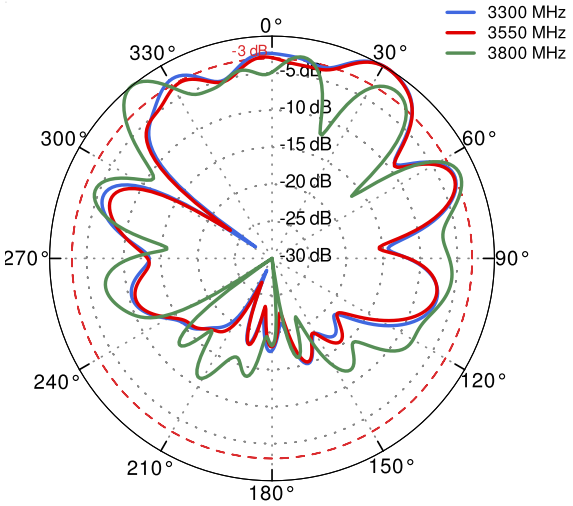

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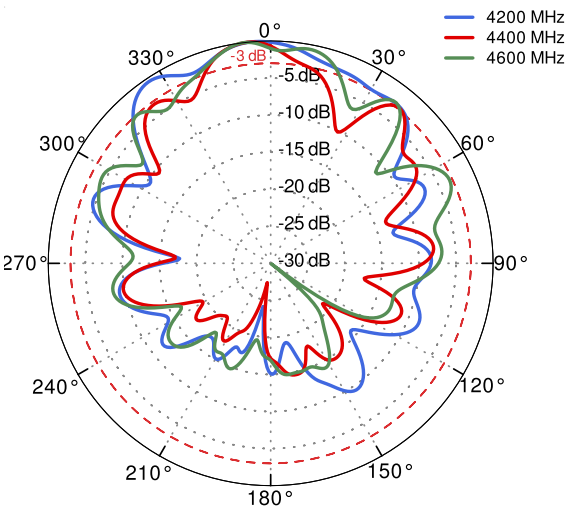
PORT 1 - 5G/LTE from 4.2GHz to 4.6GHz

ELEVATION



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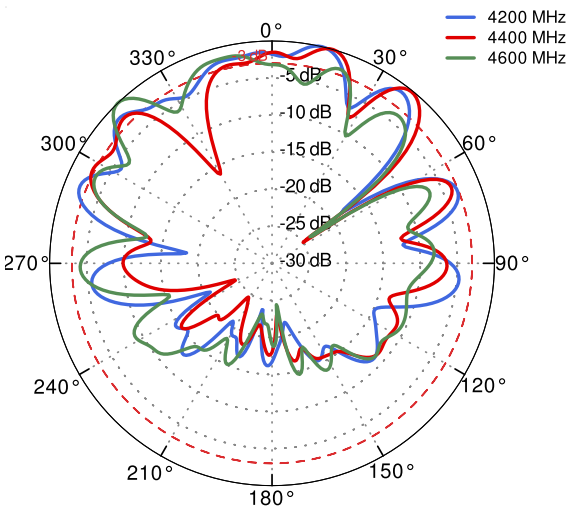
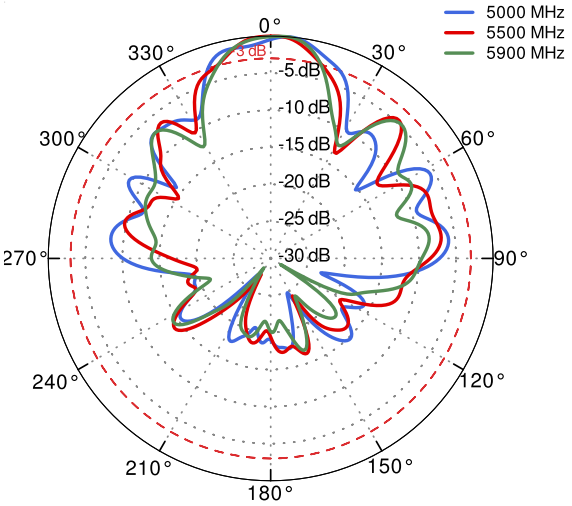


PORT 1 - 5G/LTE from 5.0GHz to 5.9GHz

ELEVATION



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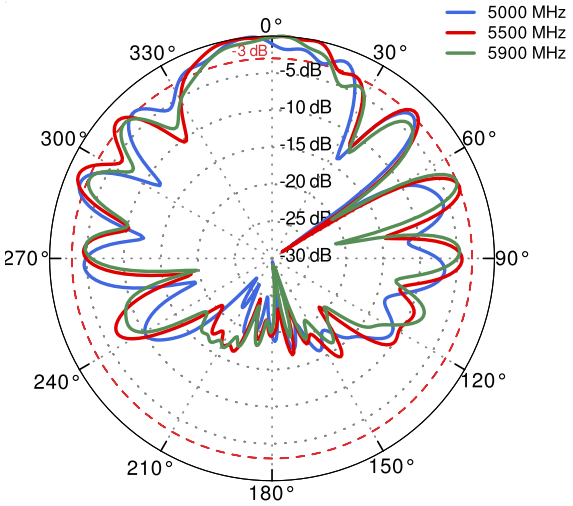

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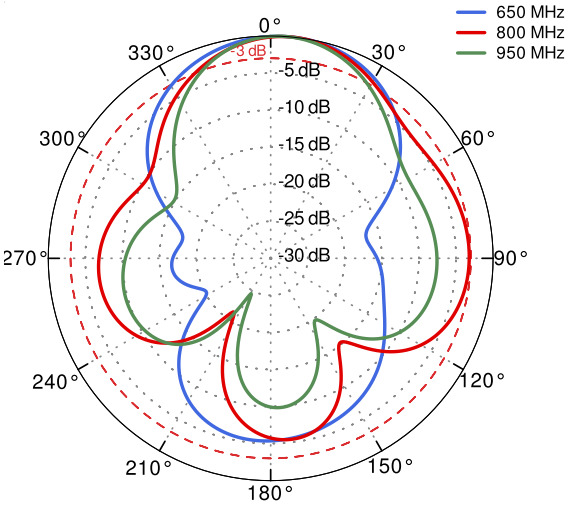
PORT 2 - 5G/LTE from 650MHz to 950MHz

ELEVATION



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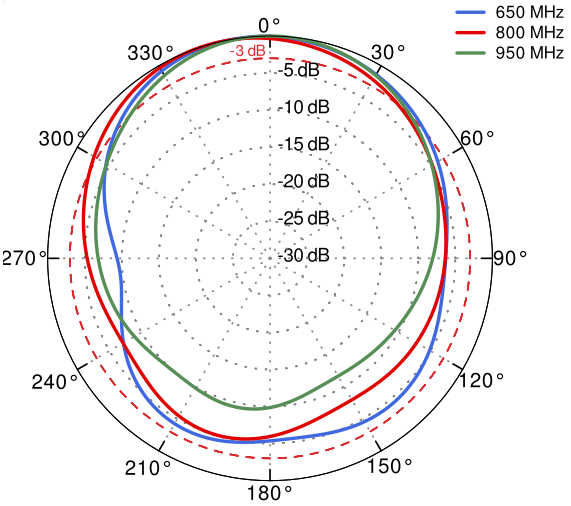
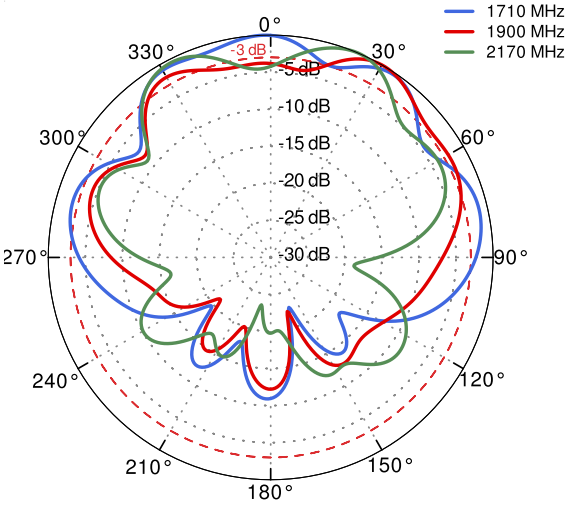


PORT 2 - 5G/LTE from 1.71GHz to 2.17GHz

ELEVATION



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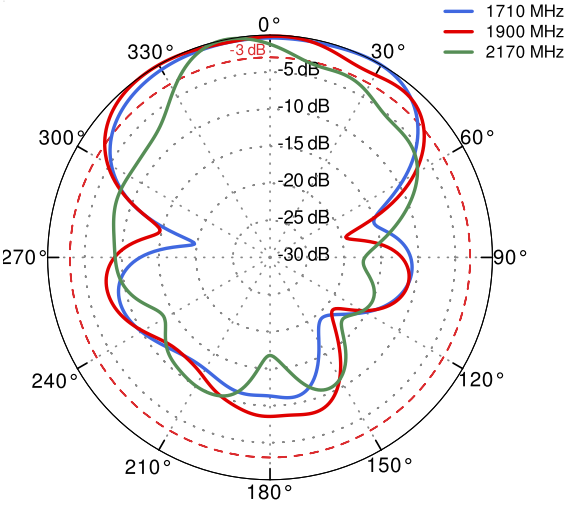

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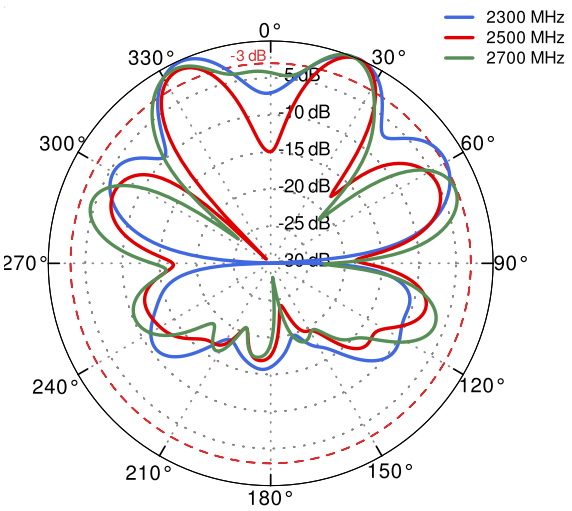
PORT 2 - 5G/LTE from 2.3GHz to 2.7GHz

ELEVATION



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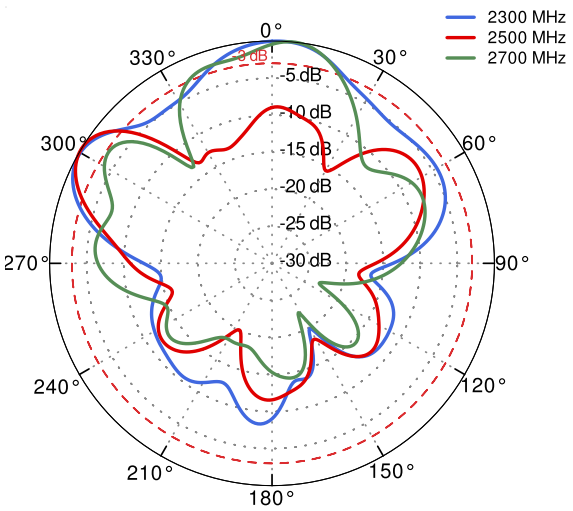
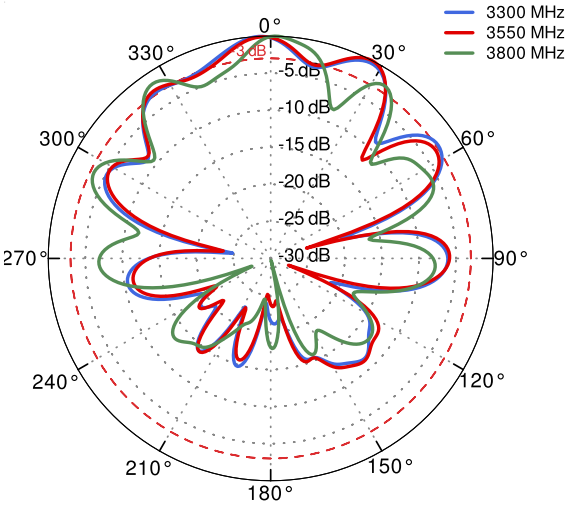


PORT 2 - 5G/LTE from 3.3GHz to 3.8GHz

ELEVATION



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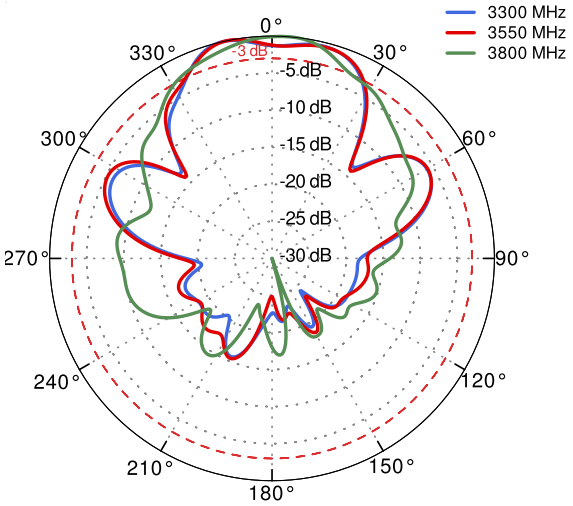

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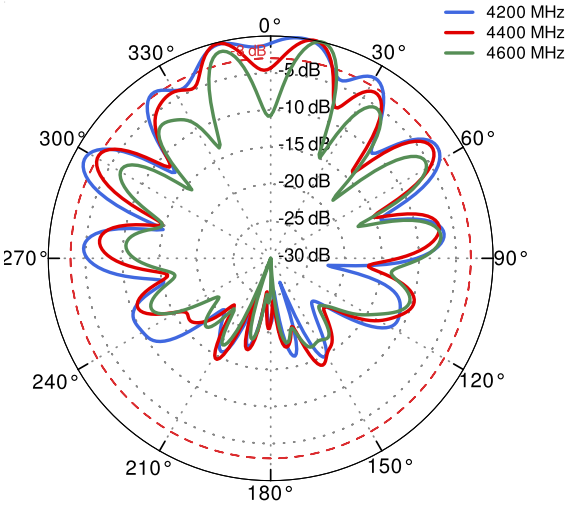
PORT 2 - 5G/LTE from 4.2GHz to 4.6GHz

ELEVATION



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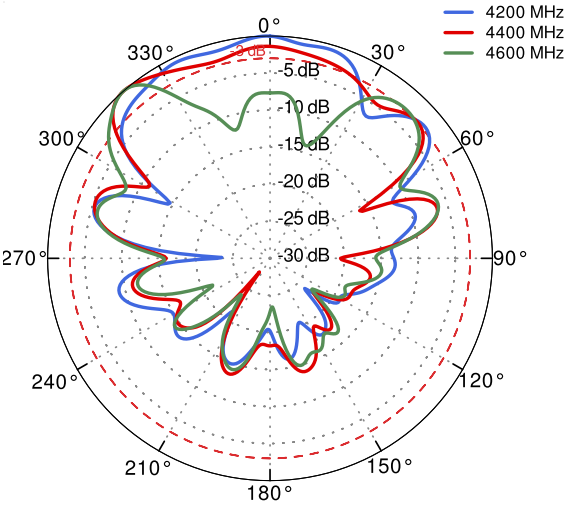
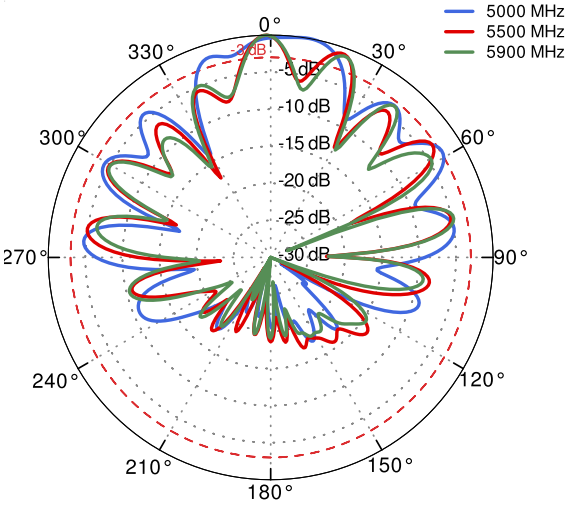


PORT 2 - 5G/LTE from 5.0GHz to 5.9GHz

ELEVATION



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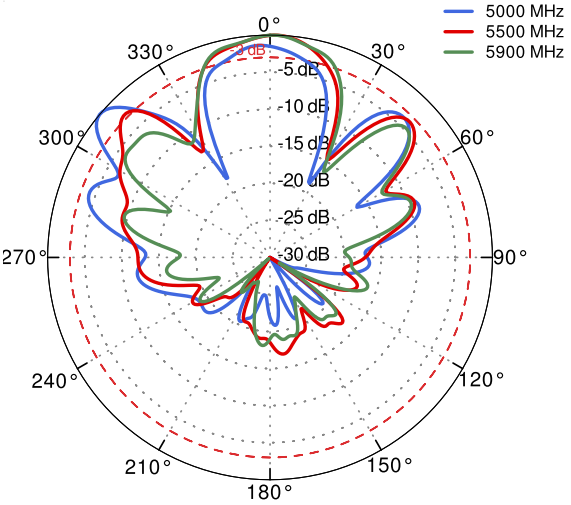

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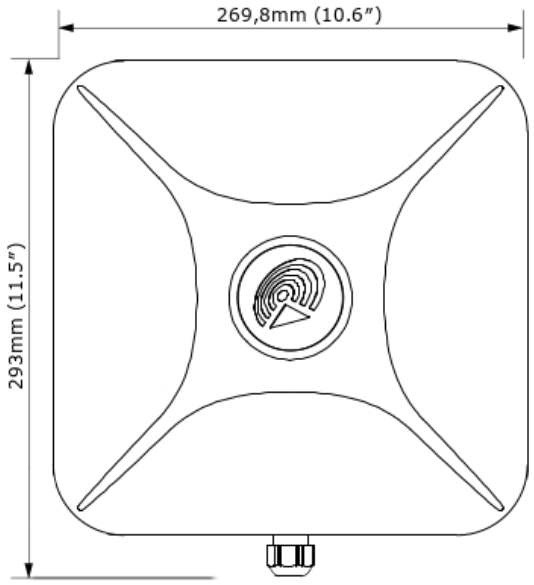
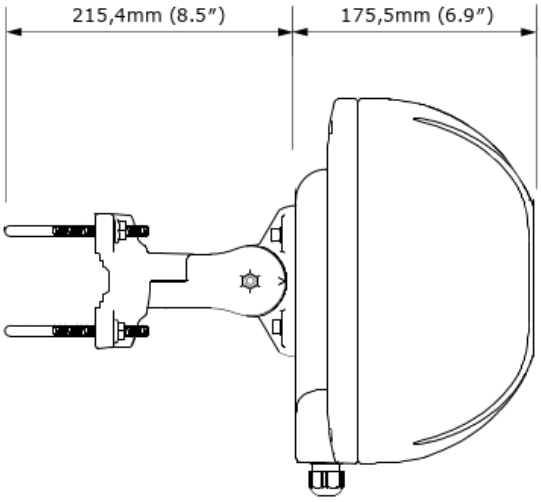
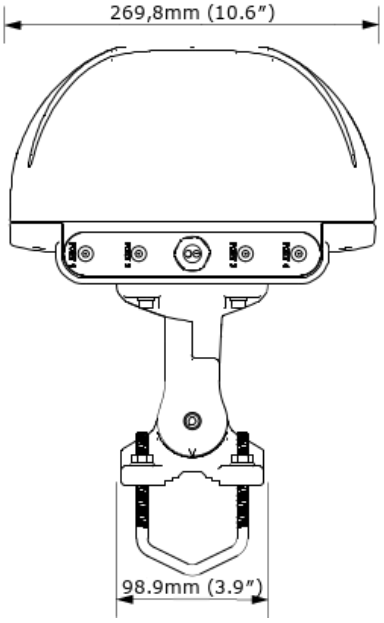
DIMENSIONS







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