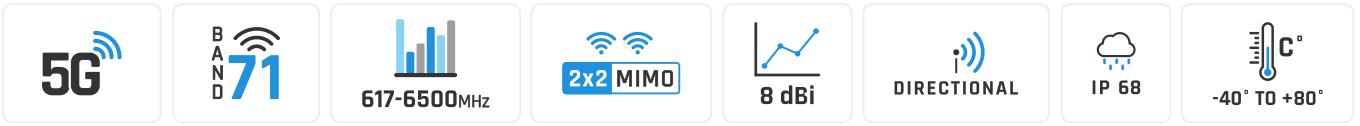
QuMax 5G/LTE MIMO 2x2

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

QuMax 2x2 directional 5G antenna for 5G/LTE 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 cable connection).





5G / LTE ANTENNA SPECIFICATION

FREQUENCY	0.617 - 1.0 GHz 1.0 - 3.08 GHz 3.3 - 5.0 GHz 5.0 - 6.5 GHz
MAX. GAIN	0.617 - 1.0 GHz : 6 dBi 1.0 - 3.08 GHz : 8 dBi 3.3 - 5.0 GHz : 6.8 dBi 5.0 - 6.5 GHz : 5.5 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 74, 75, 76, 85, 103, 106, 111, 252, 253, 254, 255, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n50, n51, n53, n54, n65, n66, n67, n68, n70, n71, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n91, n92, n93, n94, n95, n97, n98, n99, n100, n101, n102, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	80°/80° ±15°
POLARIZATION	X (+-45degrees)
IMPEDANCE	50 Ω

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MECHANICAL SPECIFICATION

MATERIALS	ASA, 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
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.6 - 0.8 Nm
MAST DIAMETER	25-66mm 0.98-2.60 inch

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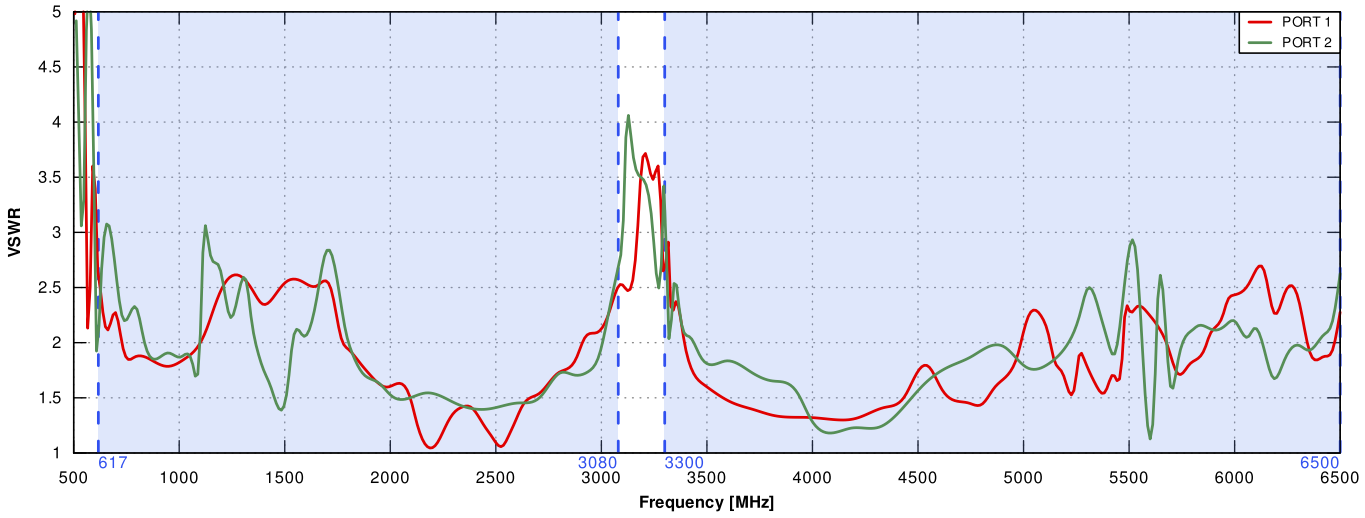
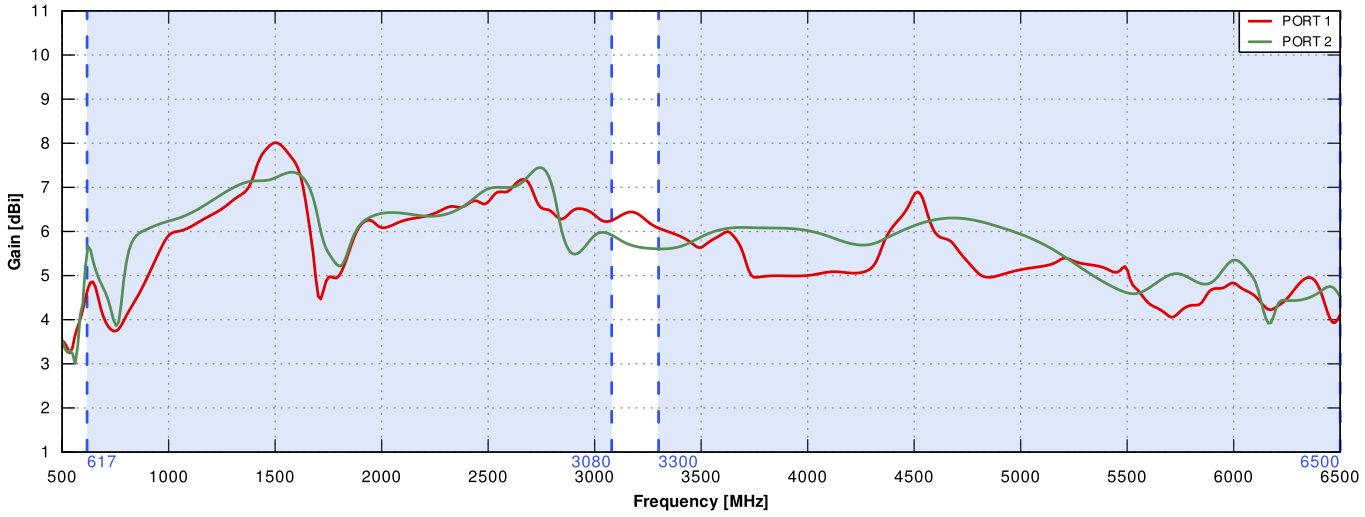
PLOTS

VSWR



Gain



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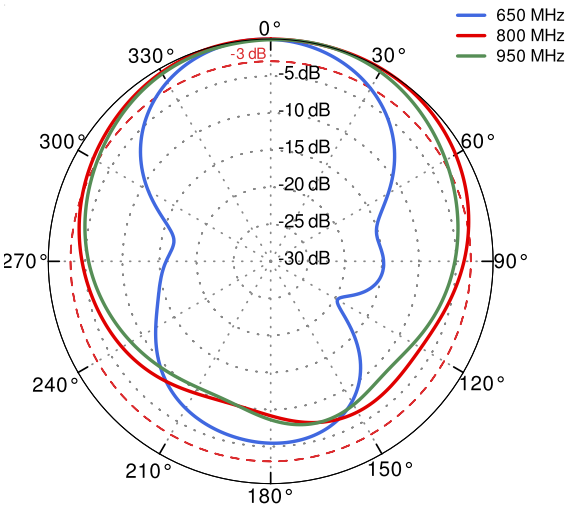
PORT 1 - 5G/LTE from 650MHz to 950MHz

ELEVATION



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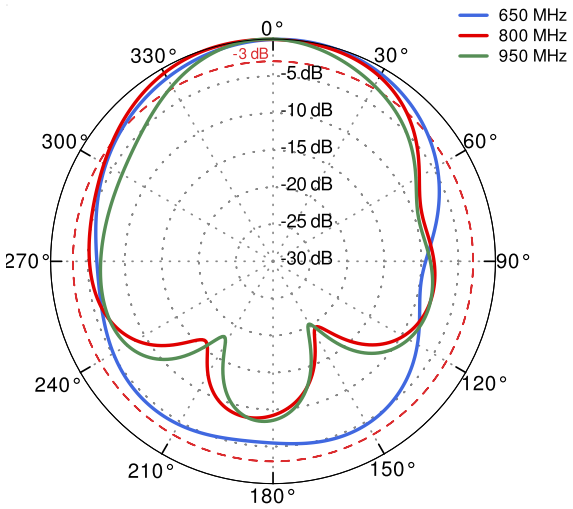
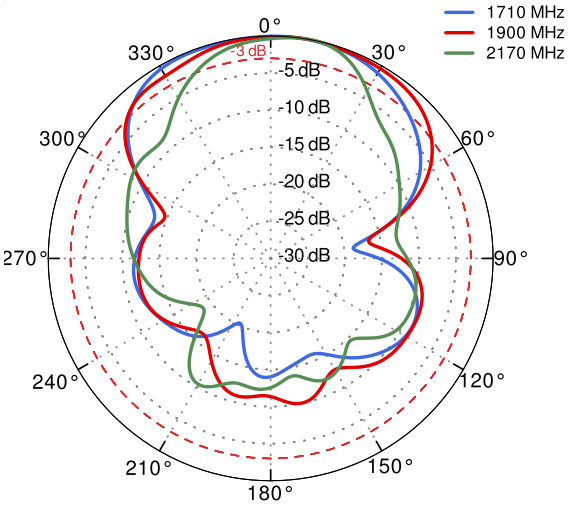


PORT 1 - 5G/LTE from 1.71GHz to 2.17GHz

ELEVATION



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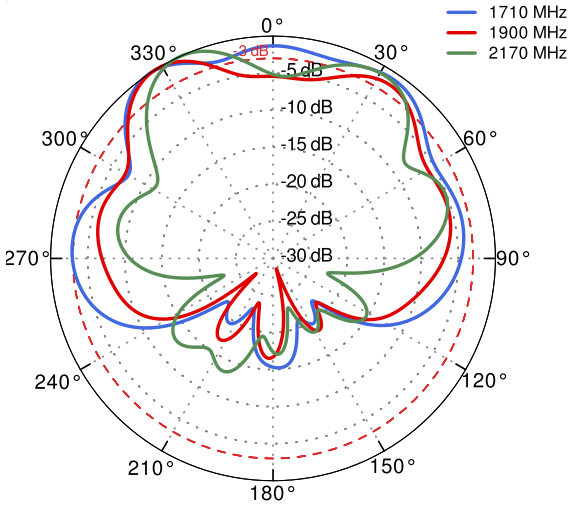

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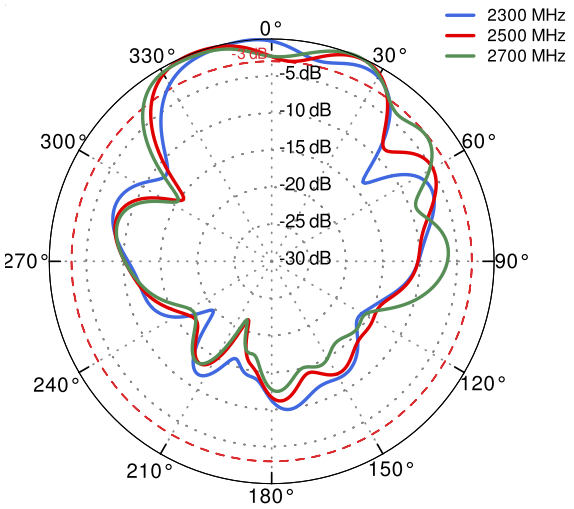
PORT 1 - 5G/LTE from 2.3GHz to 2.7GHz

ELEVATION



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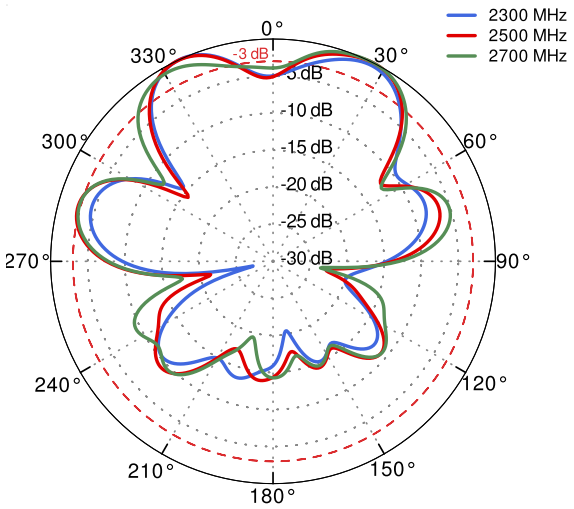
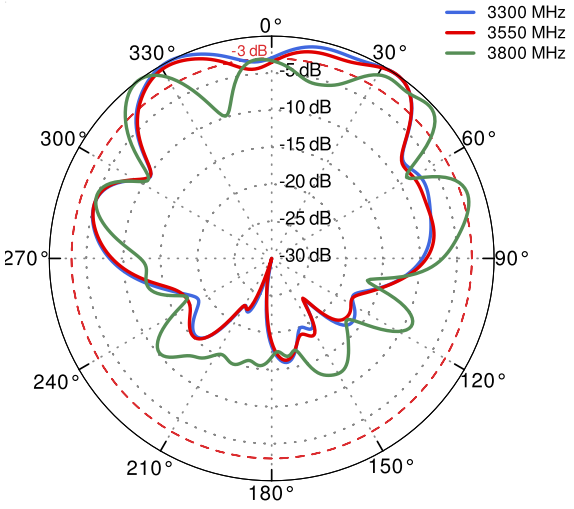


PORT 1 - 5G/LTE from 3.3GHz to 3.8GHz

ELEVATION



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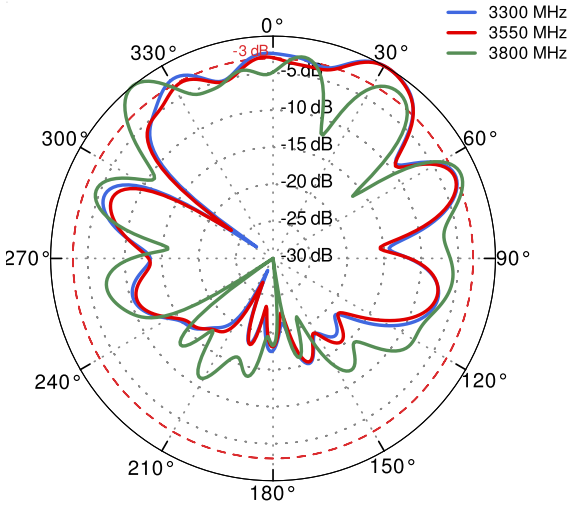

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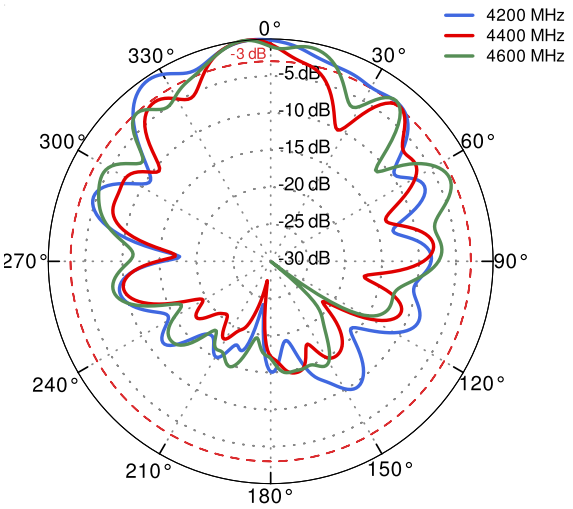
PORT 1 - 5G/LTE from 4.2GHz to 4.6GHz

ELEVATION



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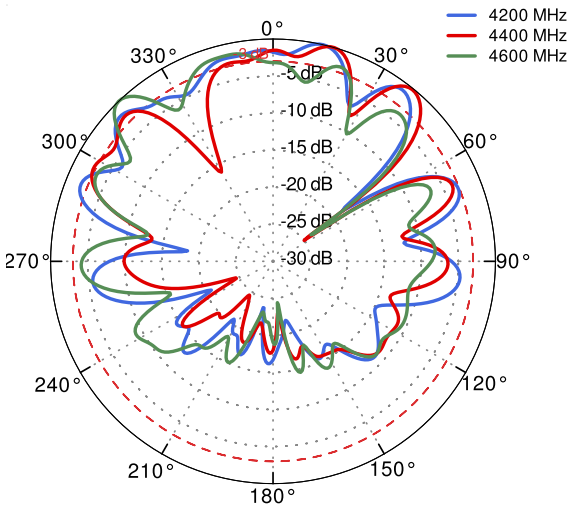
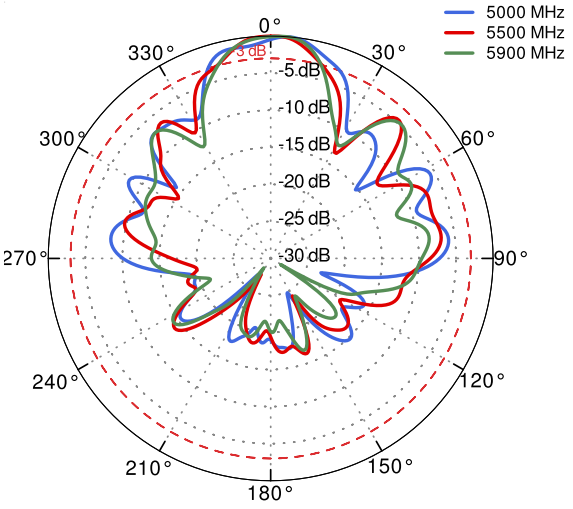


PORT 1 - 5G/LTE from 5.0GHz to 5.9GHz

ELEVATION



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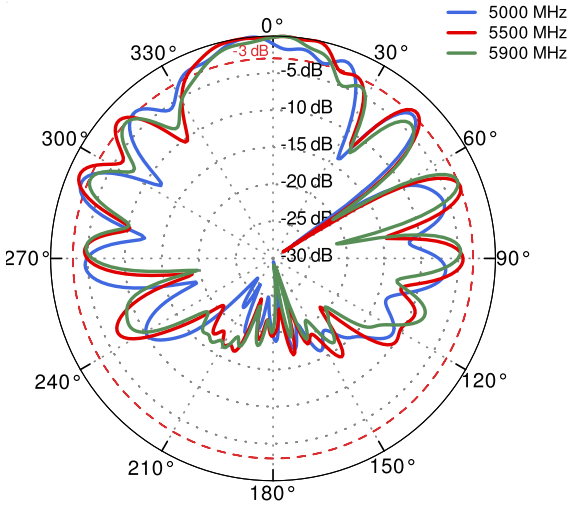

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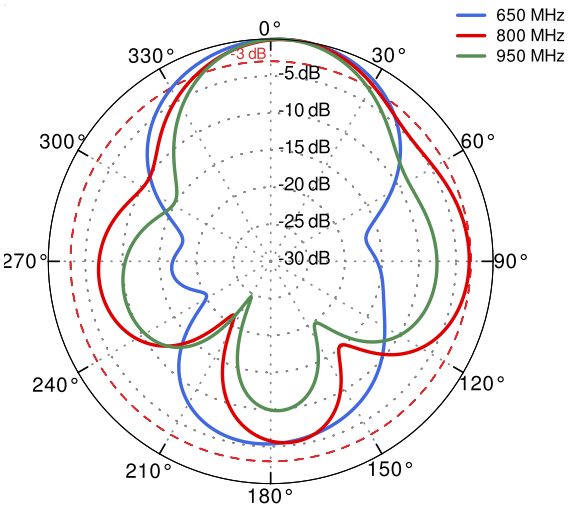
PORT 2 - 5G/LTE from 650MHz to 950MHz

ELEVATION



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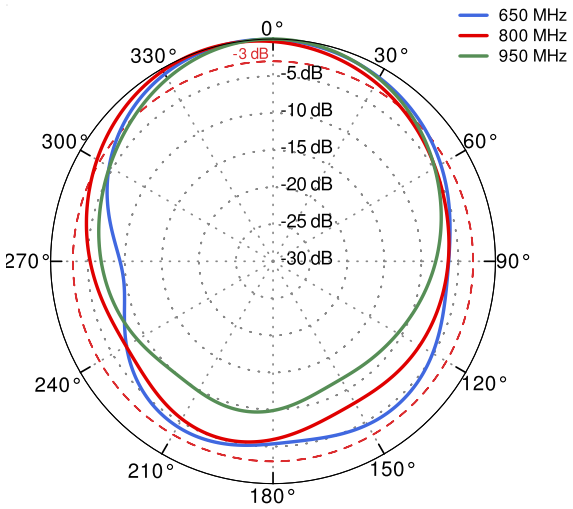
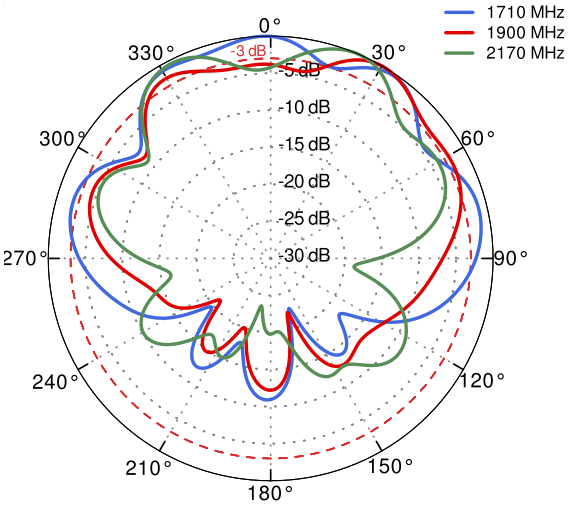


PORT 2 - 5G/LTE from 1.71GHz to 2.17GHz

ELEVATION



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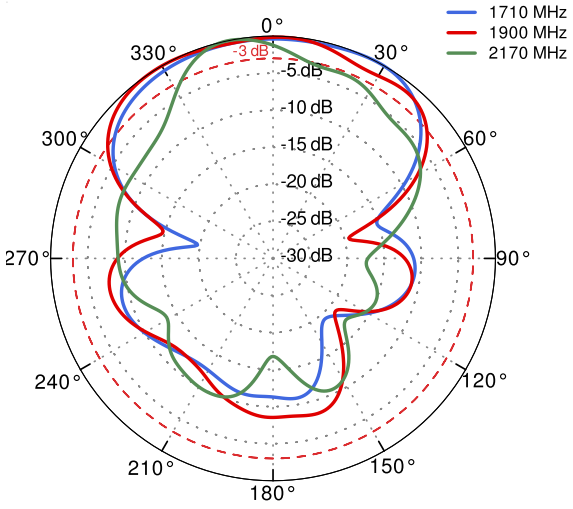

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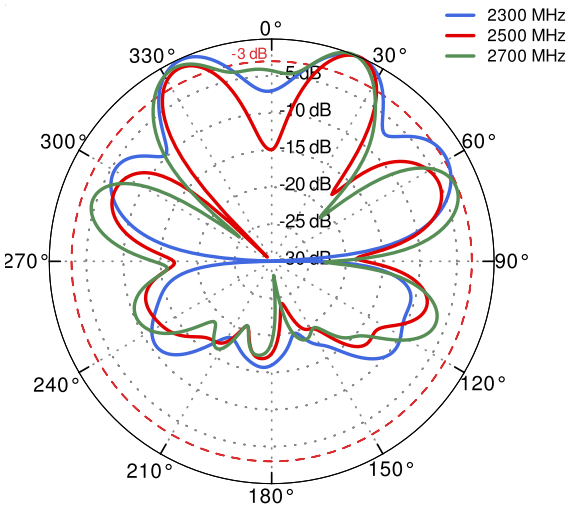
PORT 2 - 5G/LTE from 2.3GHz to 2.7GHz

ELEVATION



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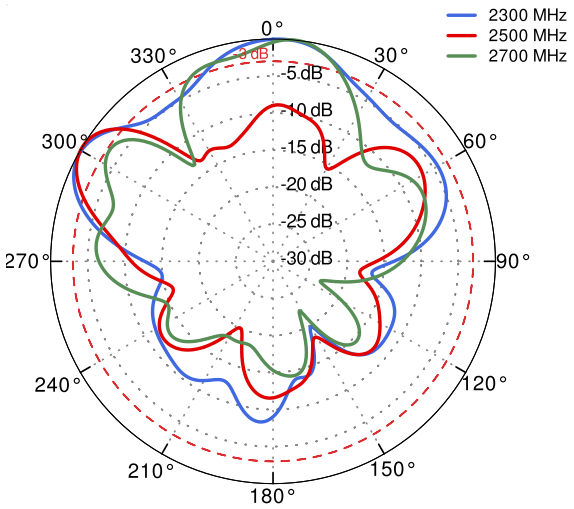
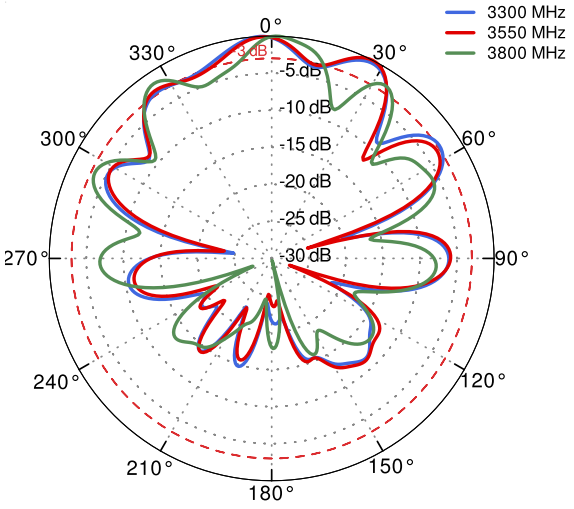


PORT 2 - 5G/LTE from 3.3GHz to 3.8GHz

ELEVATION



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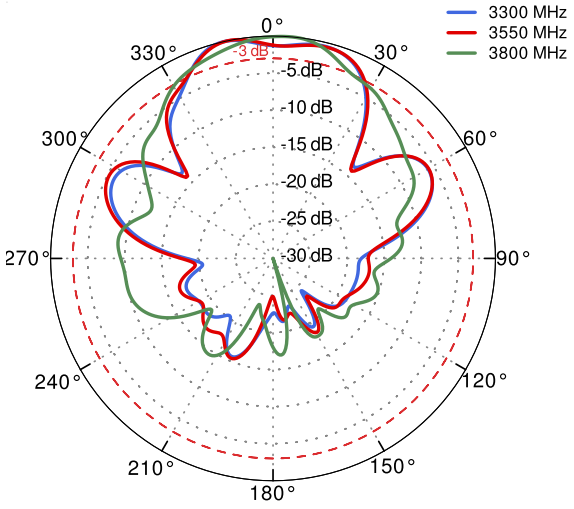

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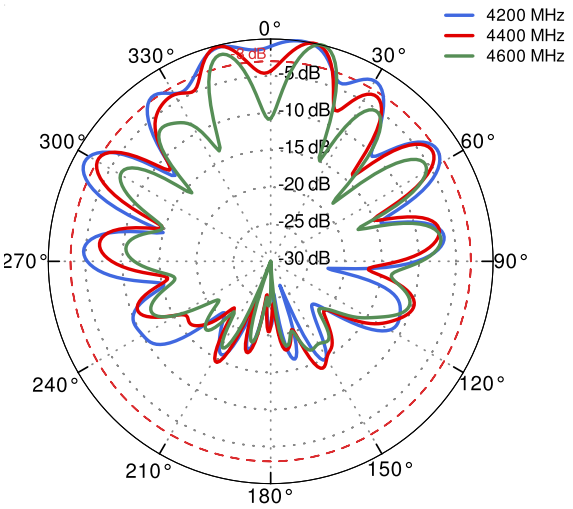
PORT 2 - 5G/LTE from 4.2GHz to 4.6GHz

ELEVATION



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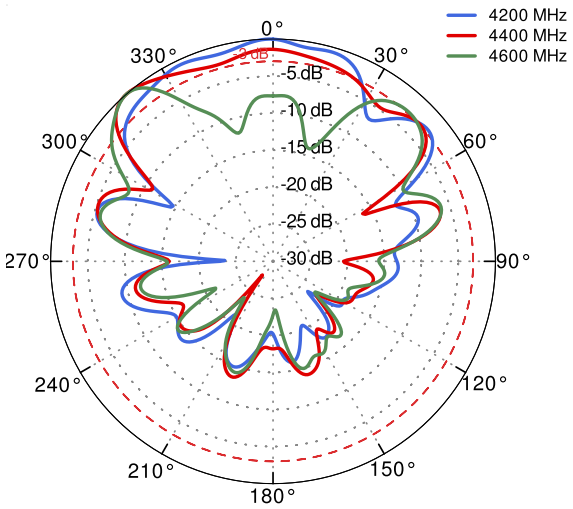
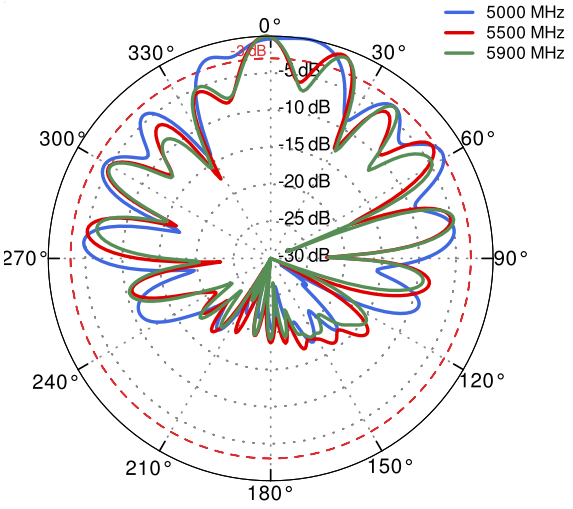


PORT 2 - 5G/LTE from 5.0GHz to 5.9GHz

ELEVATION



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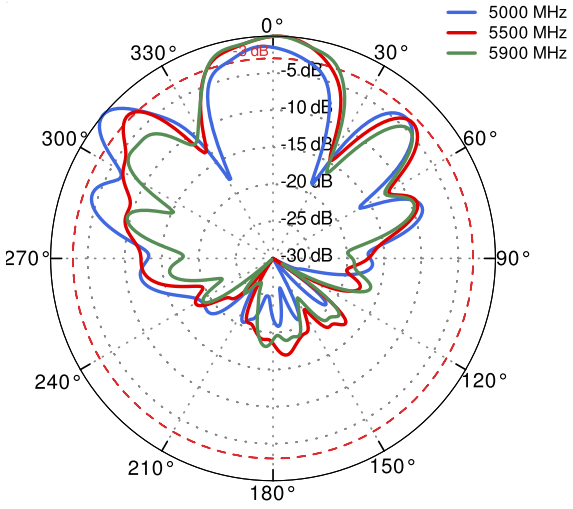

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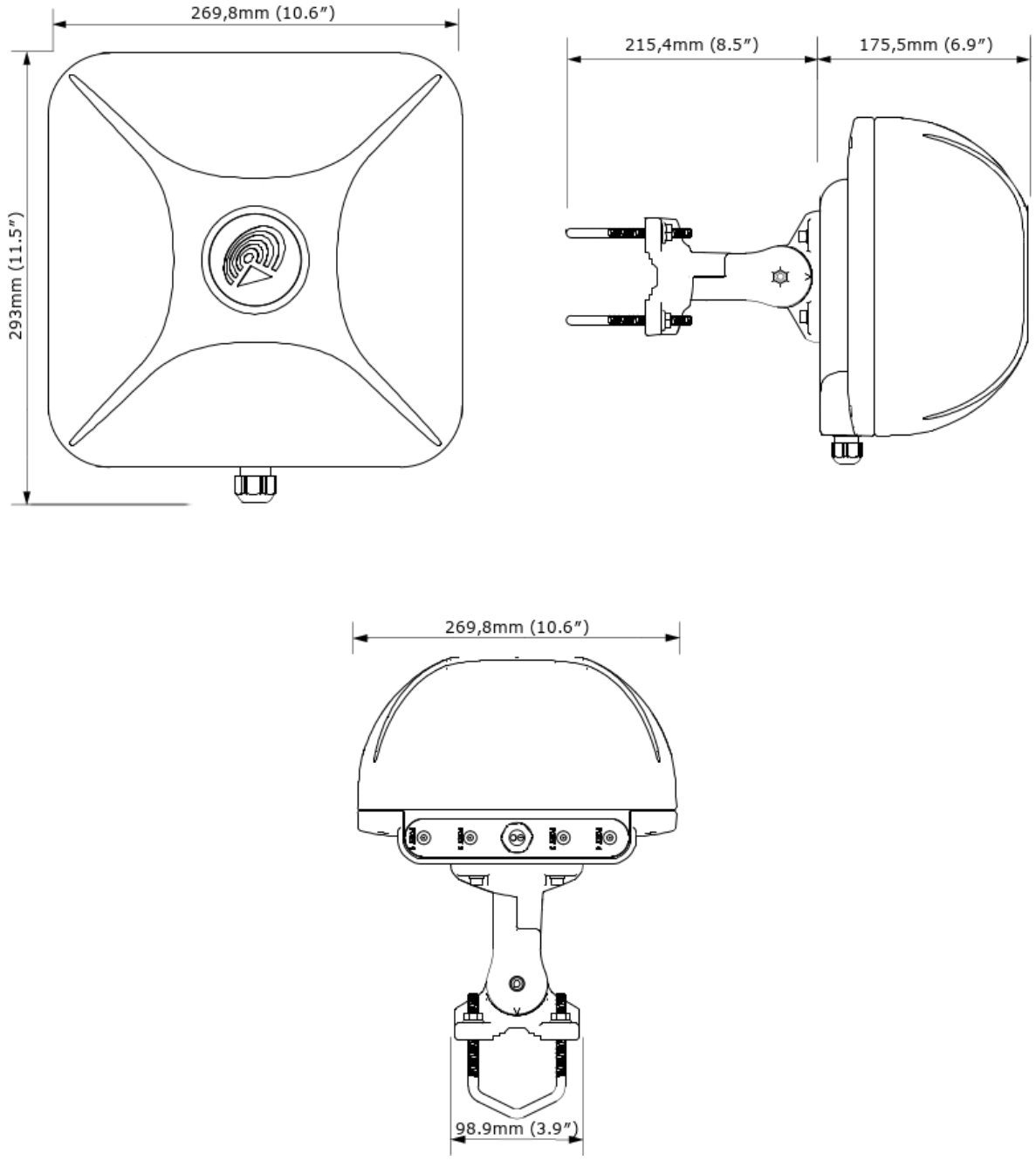
DIMENSIONS



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