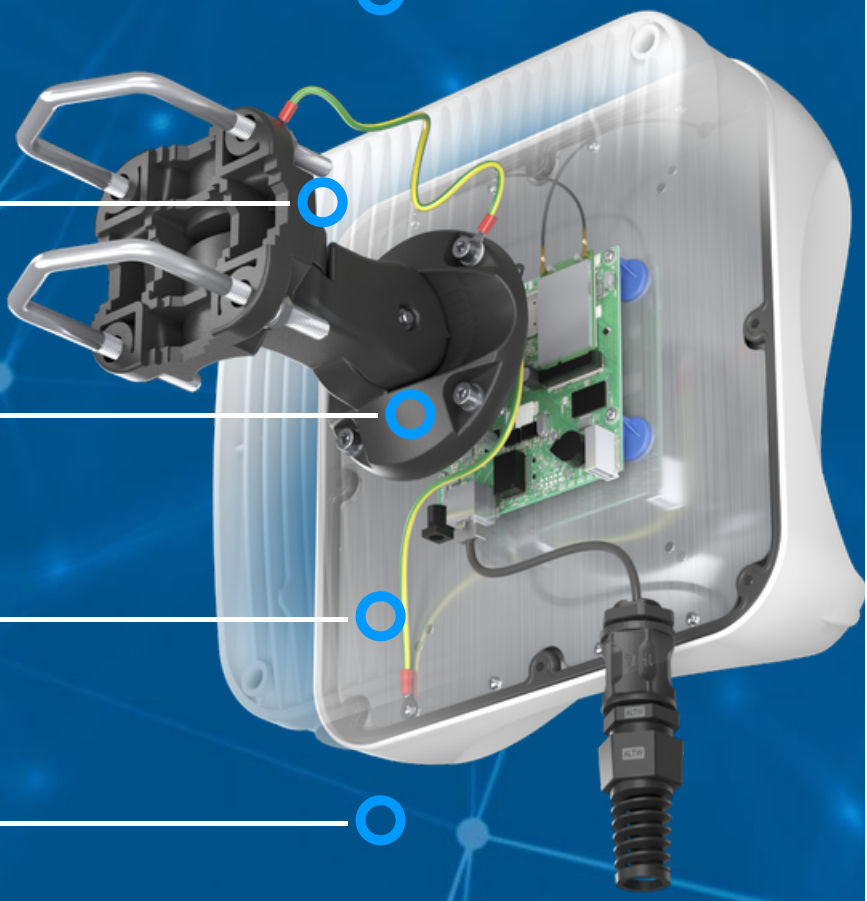
QuMax 5G/LTE MIMO 2x2

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.

5G | BAND 71 | 617-6000MHz | 2x2 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 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, fiberglass
CONNECTOR TYPE	Nf
INGRESS PROTECTION	IP67
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

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MAST DIAMETER	25-60mm 0.98-2.36 inch

FREQUENCY BANDS

LTE / 4G

617 MHz — 6000 MHz

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						

5G

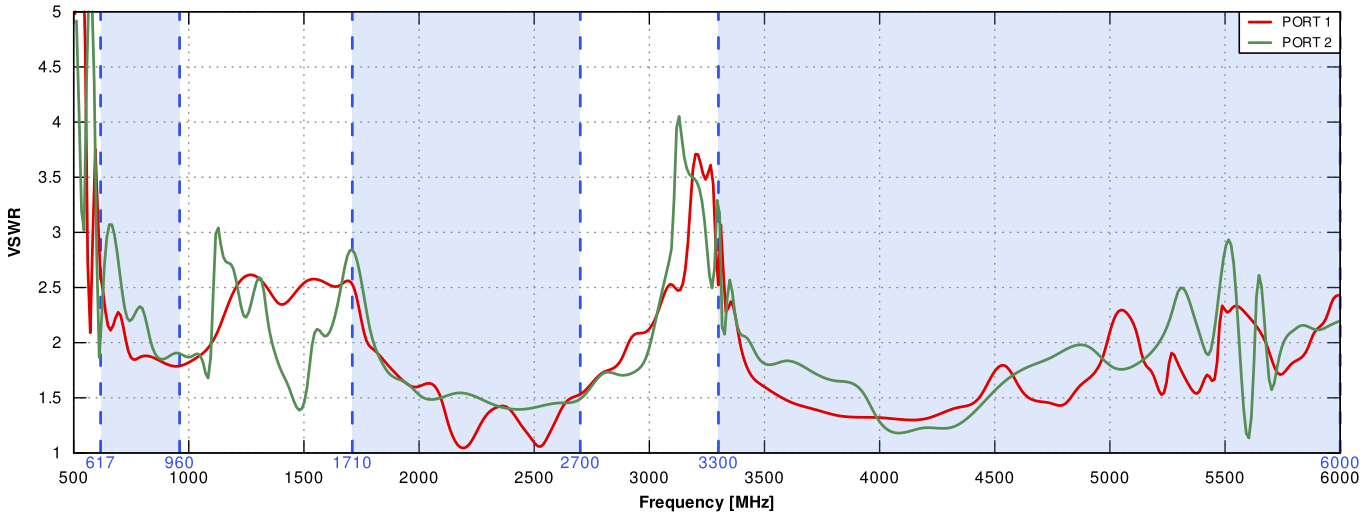
617 MHz — 6000 MHz

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		

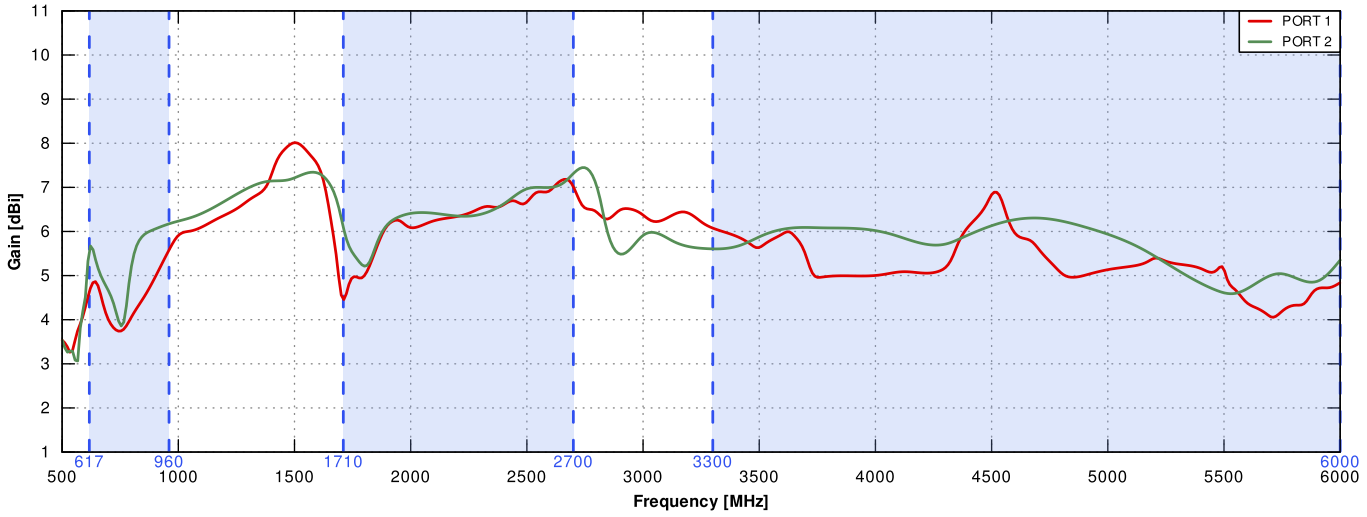
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PLOTS

VSWR



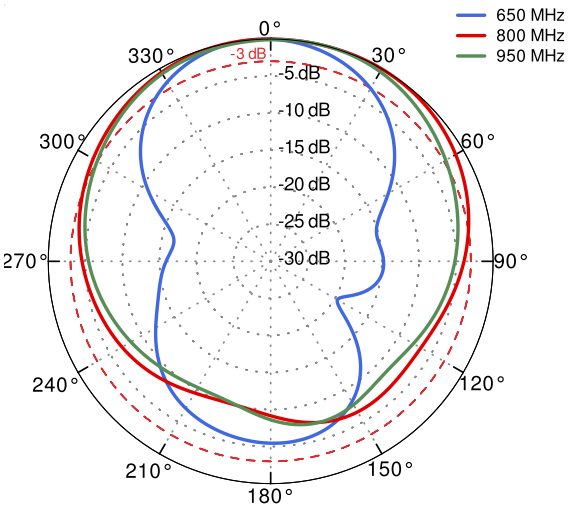
Gain



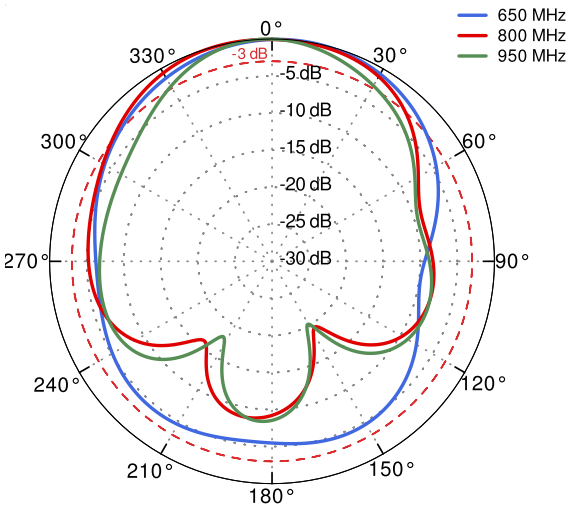
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

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

ELEVATION

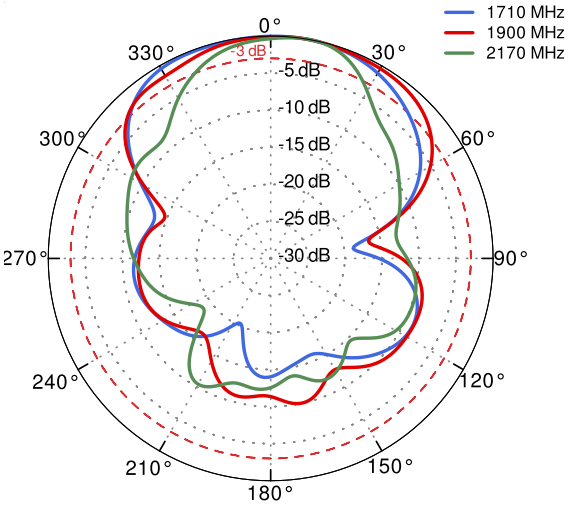


AZIMUTH

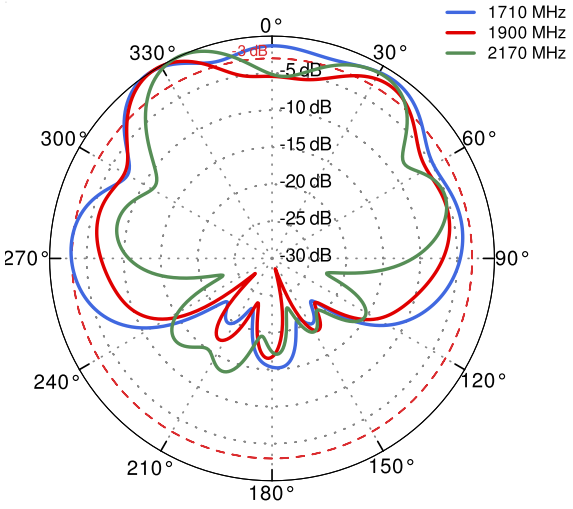


PORT 1 - 5G/LTE from 1.71GHz to 2.17GHz

ELEVATION



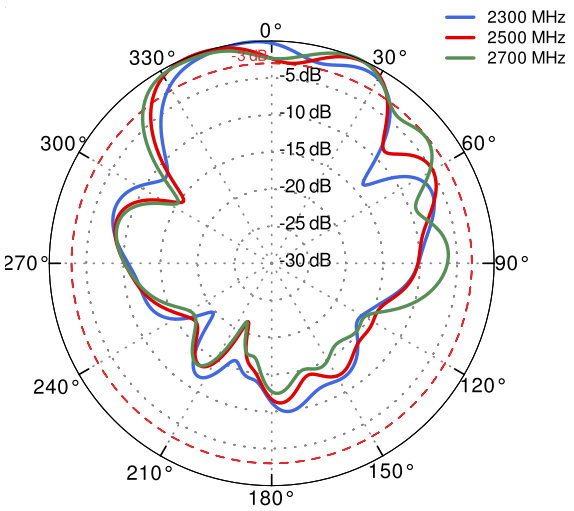
AZIMUTH



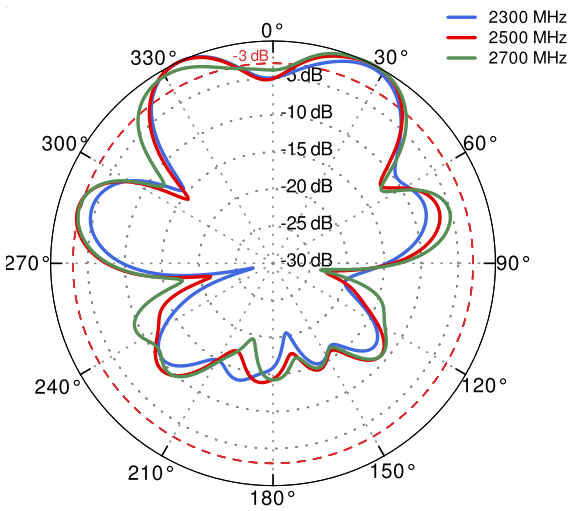
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

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

ELEVATION

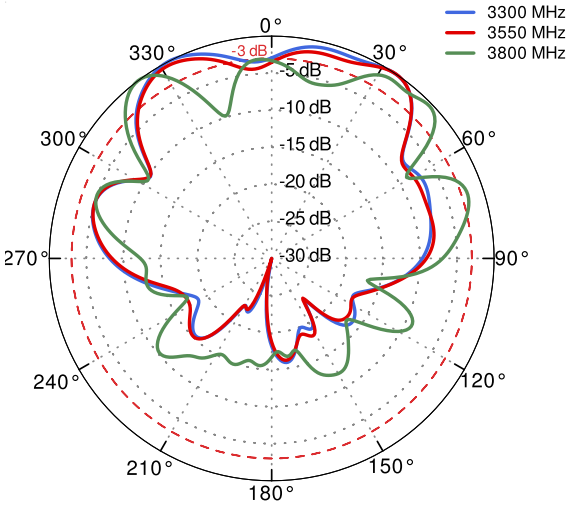


AZIMUTH

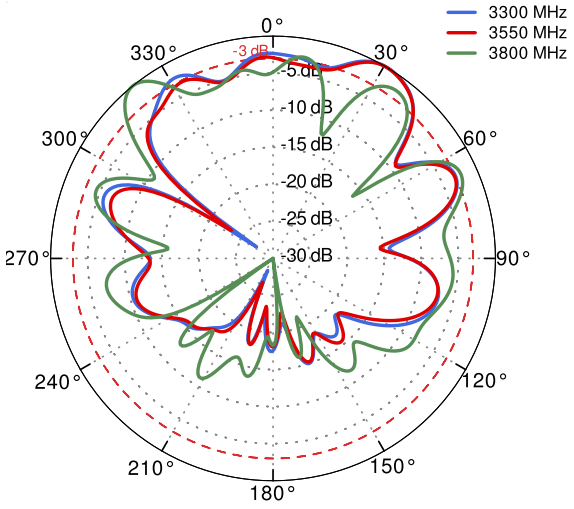


PORT 1 - 5G/LTE from 3.3GHz to 3.8GHz

ELEVATION



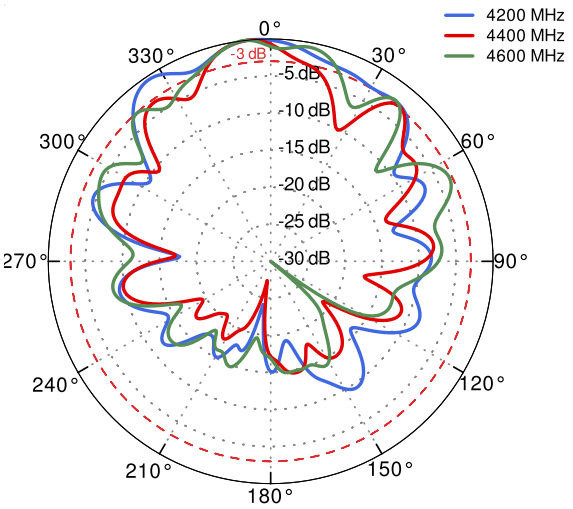
AZIMUTH



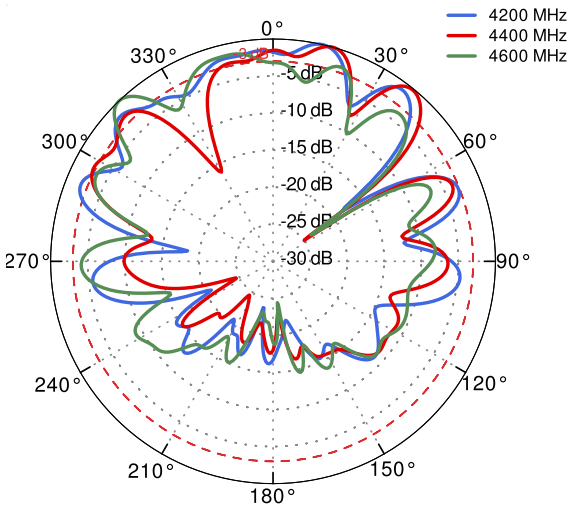
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

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

ELEVATION

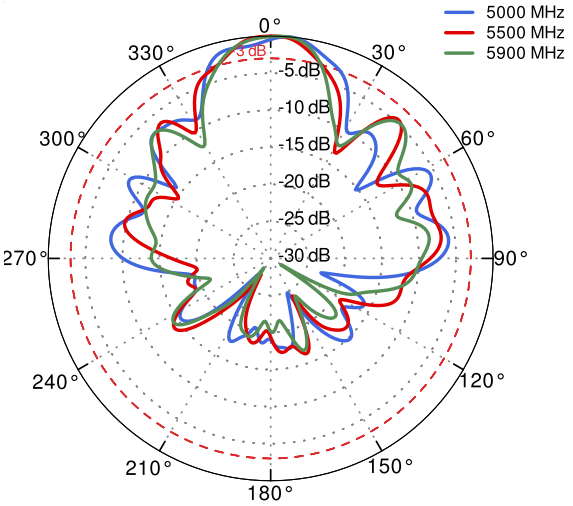


AZIMUTH

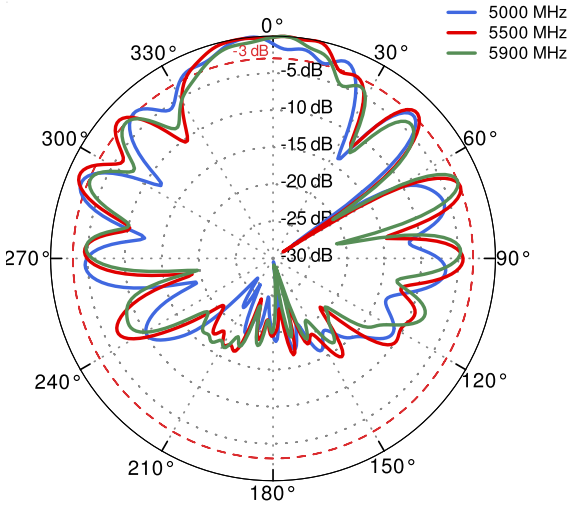


PORT 1 - 5G/LTE from 5.0GHz to 5.9GHz

ELEVATION



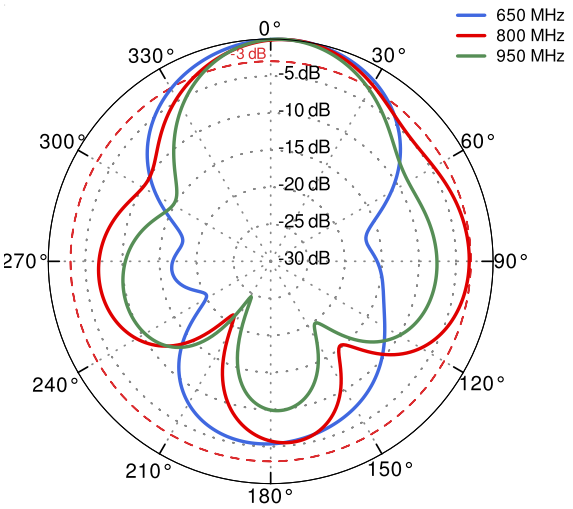
AZIMUTH



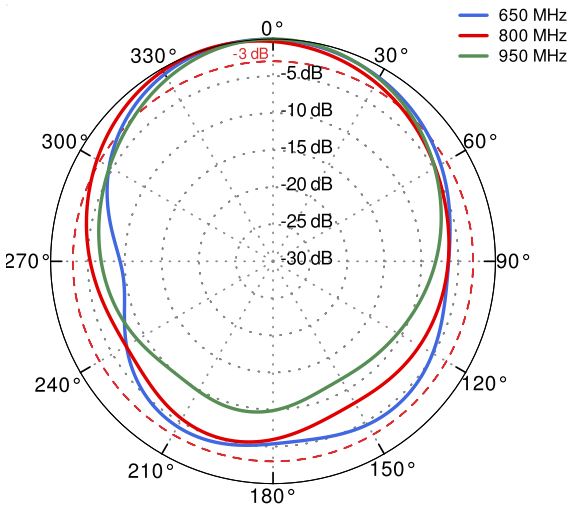
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

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

ELEVATION

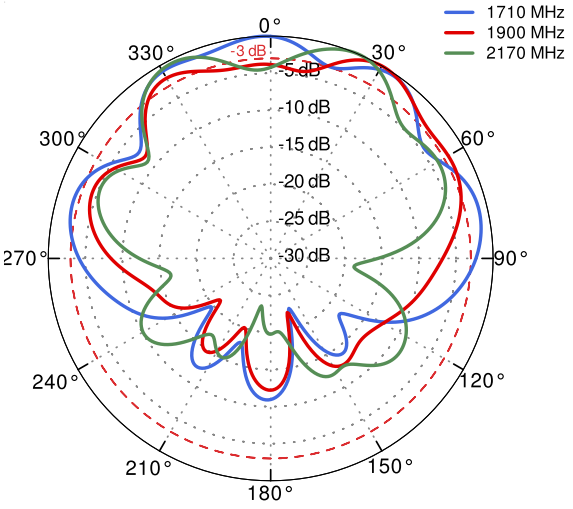


AZIMUTH

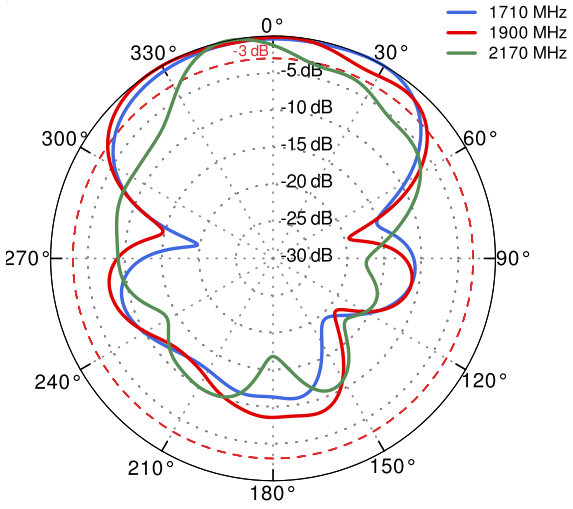


PORT 2 - 5G/LTE from 1.71GHz to 2.17GHz

ELEVATION



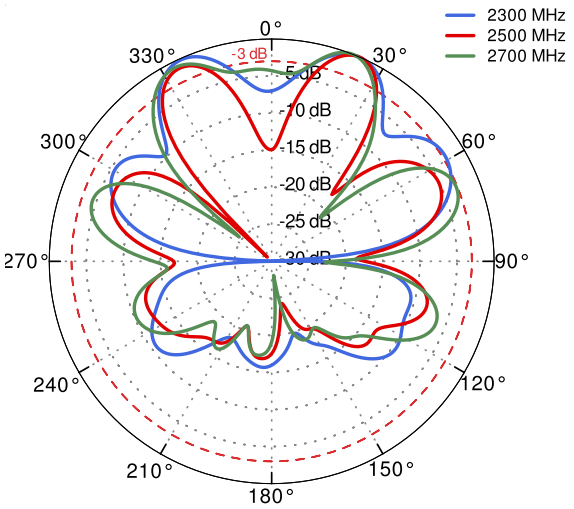
AZIMUTH



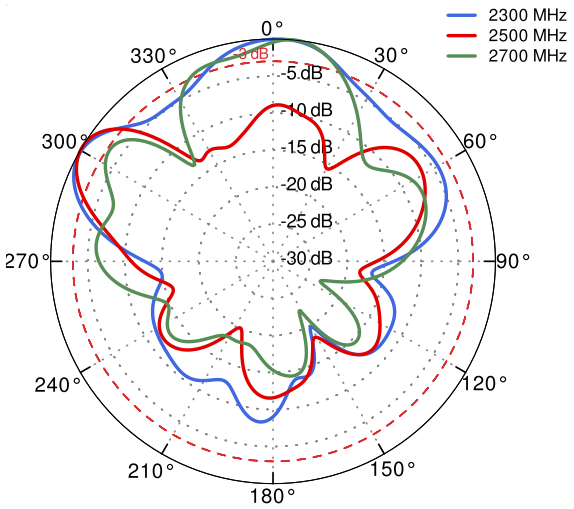
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

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

ELEVATION

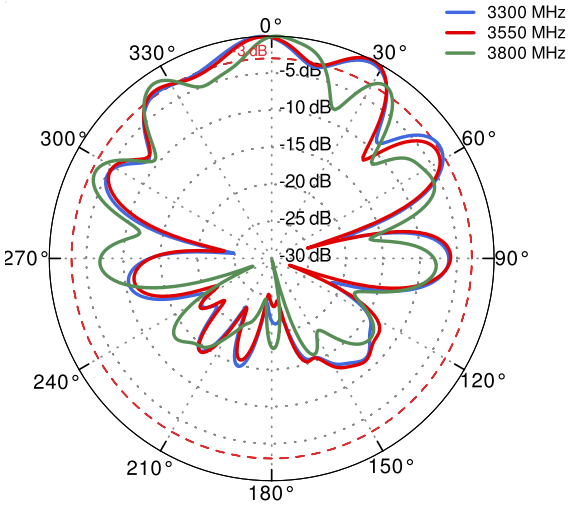


AZIMUTH

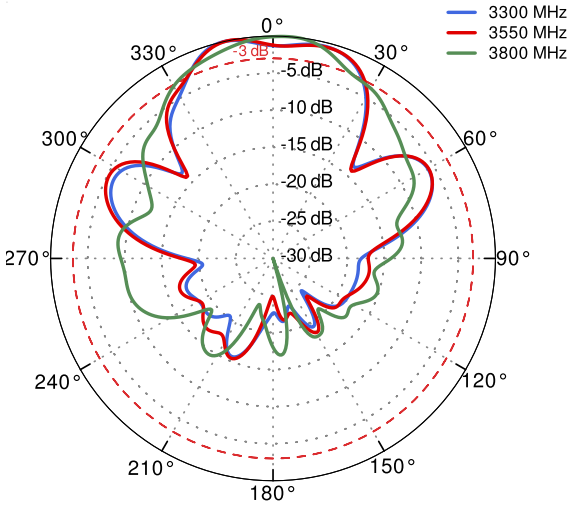


PORT 2 - 5G/LTE from 3.3GHz to 3.8GHz

ELEVATION



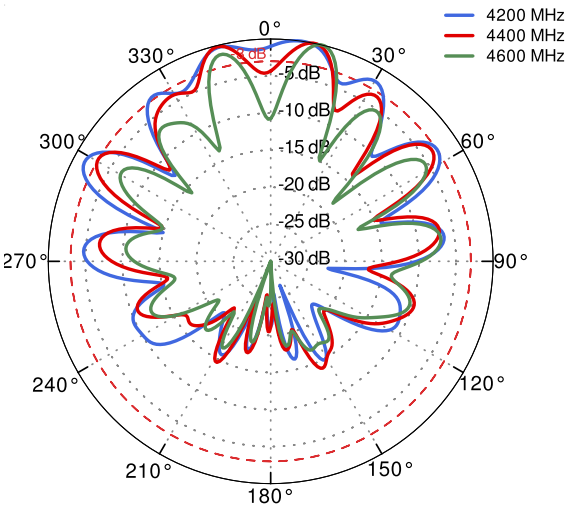
AZIMUTH



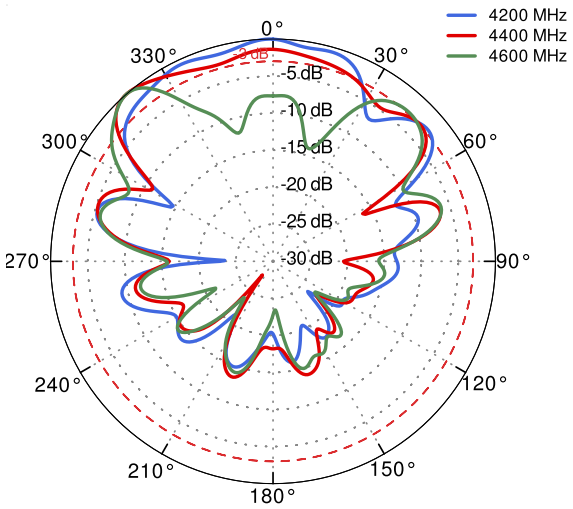
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

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

ELEVATION

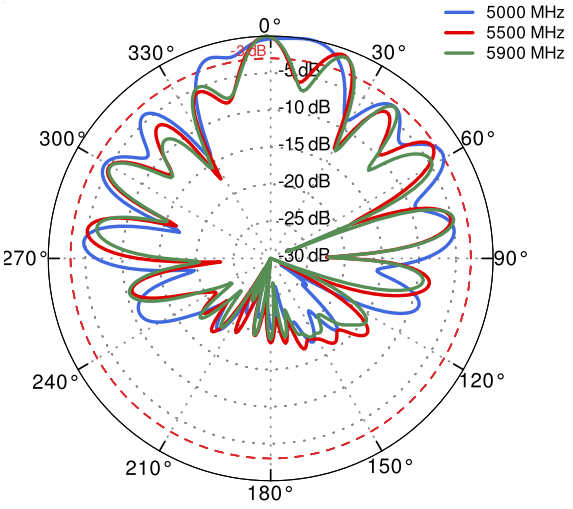


AZIMUTH

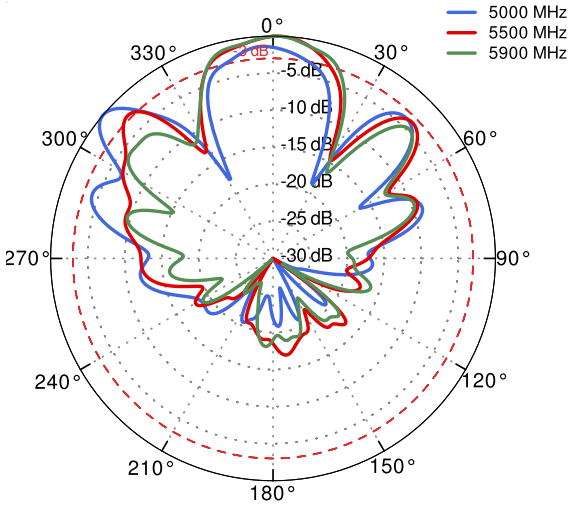


PORT 2 - 5G/LTE from 5.0GHz to 5.9GHz

ELEVATION

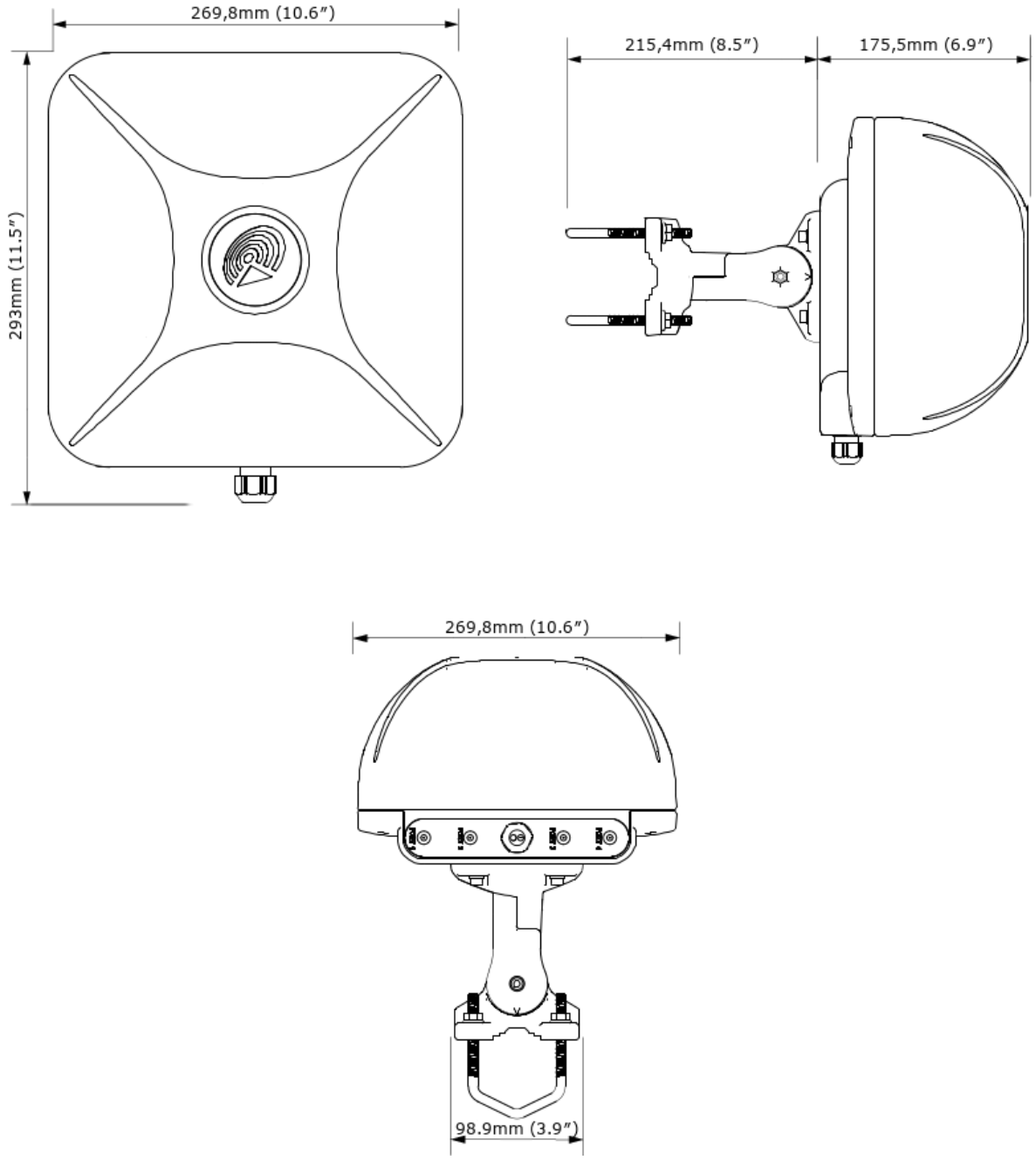


AZIMUTH



Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

DIMENSIONS



QuWireless
WWW.QUWIRELESS.COM
Sales email: sales@quwireless.com **Tel:** +48 513 900 416
Support email: support@quwireless.com **Website:** www.quwireless.com
Address: Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.