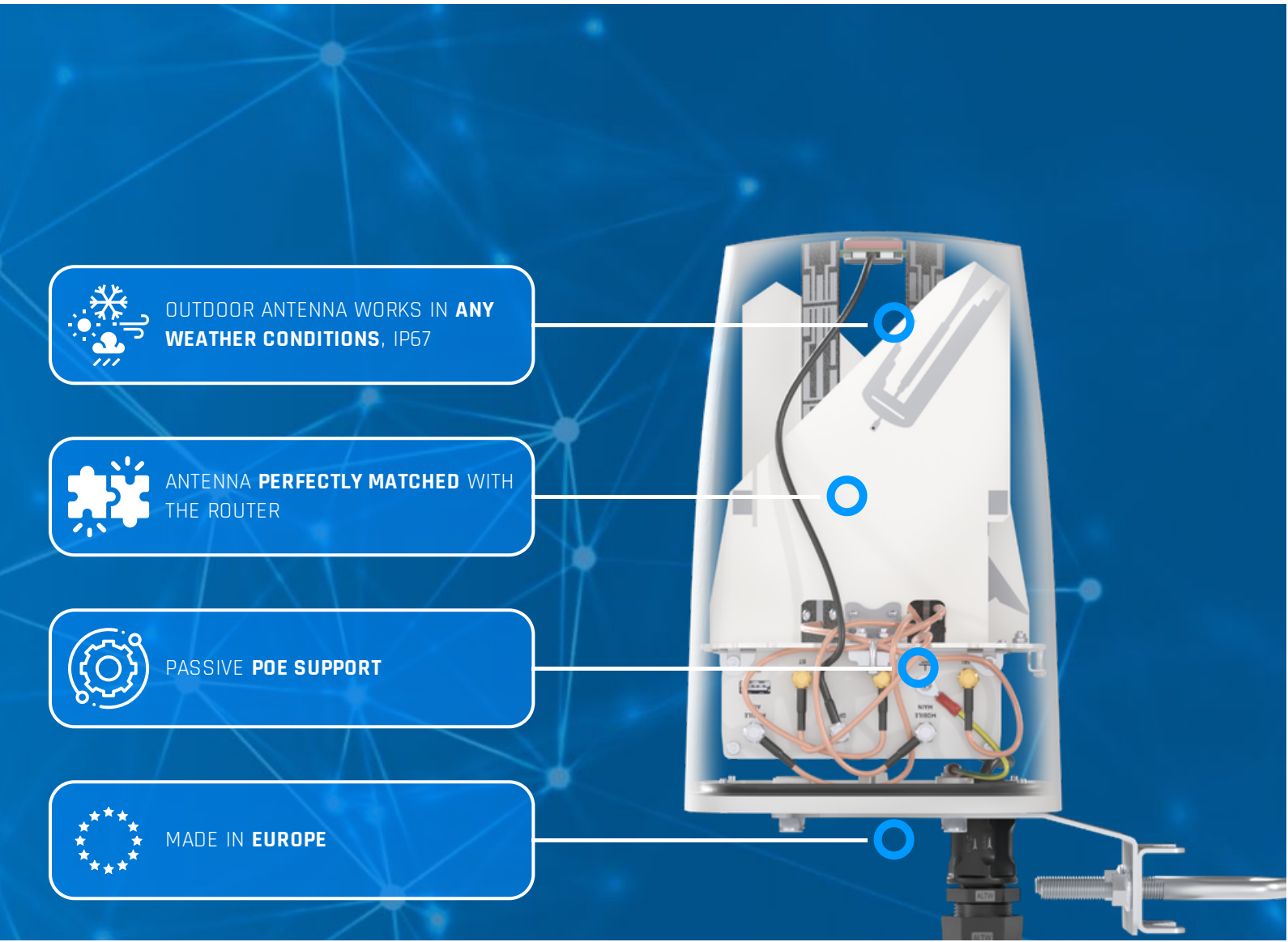
QuSpot for Teltonika RUTX11 ver. US (Band71)

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + GPS ACTIVE ANTENNA + BLUETOOTH ANTENNA + PLACE TO INSTALL TELTONIKA RUTX11 (ALL-IN-ONE)

QuSpot for **RUTX11 ver. US (Band71)** is an outdoor antenna designed to provide reliable wireless connectivity in a variety of environments. This product is an all in one solution that integrates a high gain omnidirectional 5G and Wi Fi antennas with RUTX11 into a single IP67 enclosure.
QuSpot for **RUTX11** is an ideal solution for outdoor wireless connectivity in moving applications such as transportation, yachting, boats and camping but also city centres with high signal density.
This product is also compatible with **RUTM11.** If used with RUTM11, the Bluetooth antenna is unused.

5G | WiFi DUALBAND 2.4GHz 5GHz | GPS | 617-4200MHz | 7 dBi | OMNI DIRECTIONAL | IP 67 | -40° TO +80° | BAND 71



5G ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.3 GHz
GAIN	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.3 GHz : 4.5 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 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, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 1067, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, n77, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101
VSWR	<2.00, max <2.50
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x SMA
CABLE TYPE	RG316

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

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 4.7 - 6 GHz
GAIN	2.4 - 2.5 GHz : 6 dBi 4.7 - 6 GHz : 7.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

GPS ACTIVE ANTENNA SPECIFICATION

FREQUENCY	1.56 – 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)

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

CONNECTOR	1x SMA
CABLE TYPE	RG174

BLUETOOTH ANTENNA SPECIFICATION

FREQUENCY	2.20 - 2.70 GHz
GAIN	2 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	1x RPSMA
CABLE TYPE	RG316

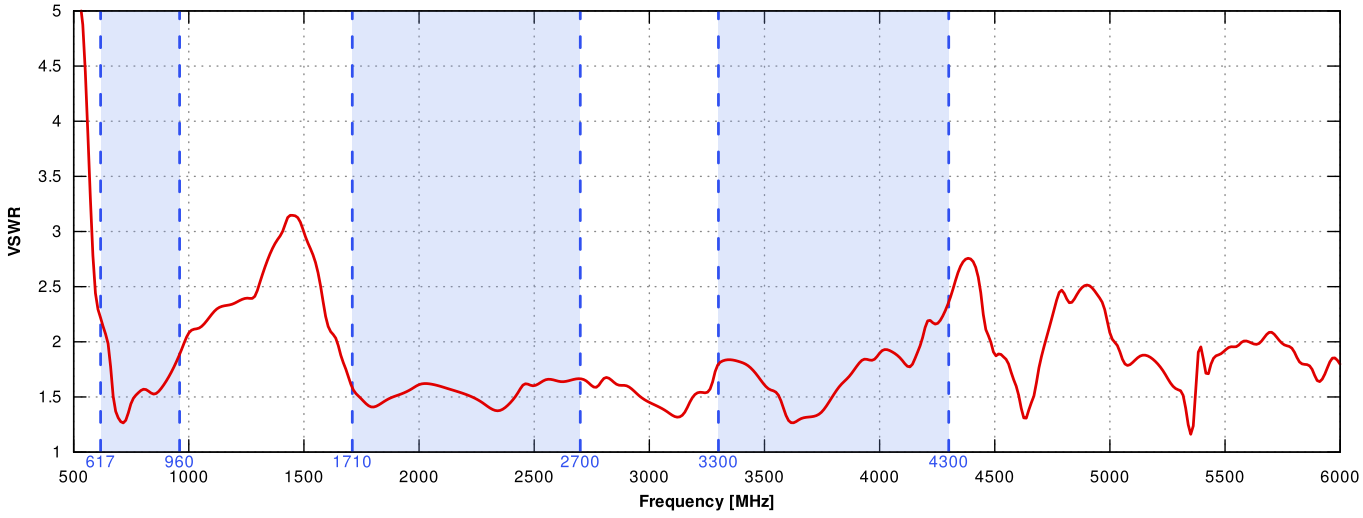
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP67
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

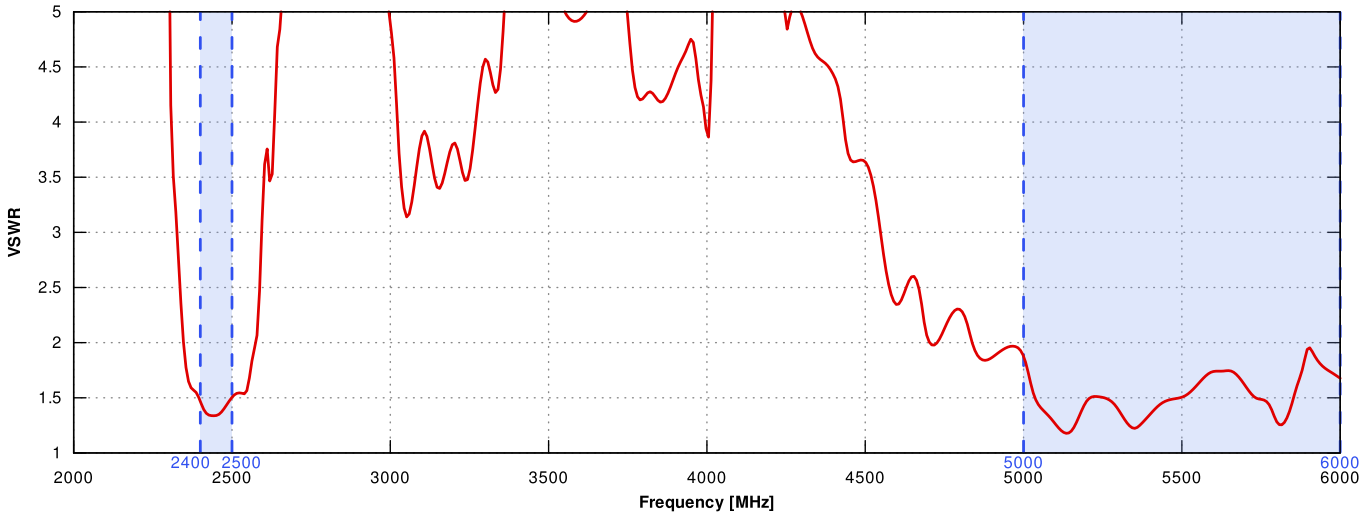
PLOTS

VSWR for 5G/LTE antenna

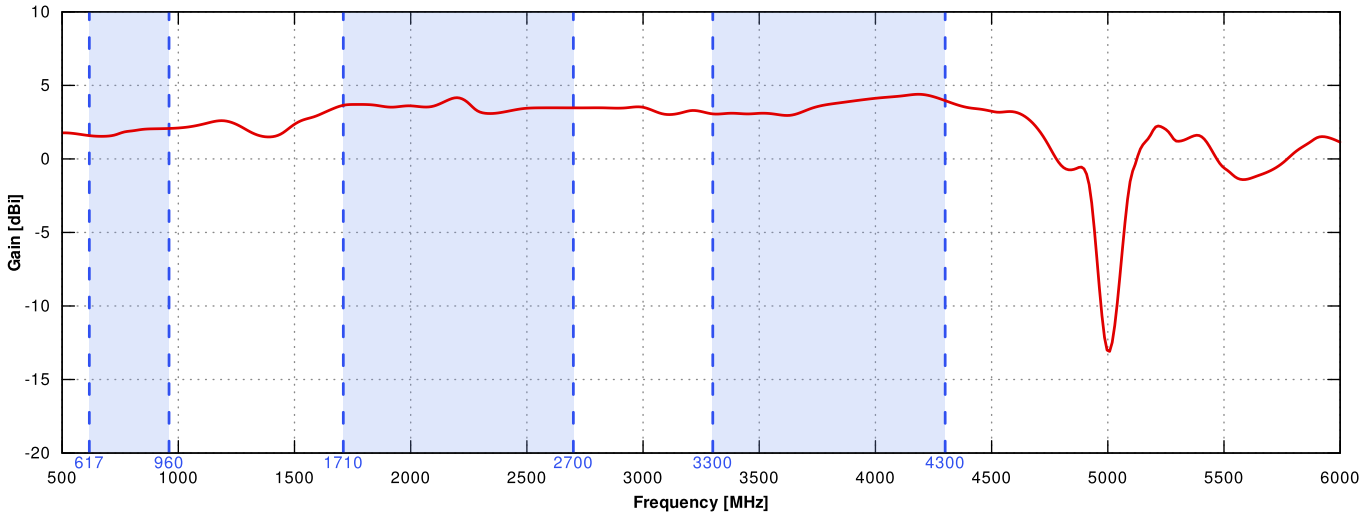


Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

VSWR for Wi-Fi antenna

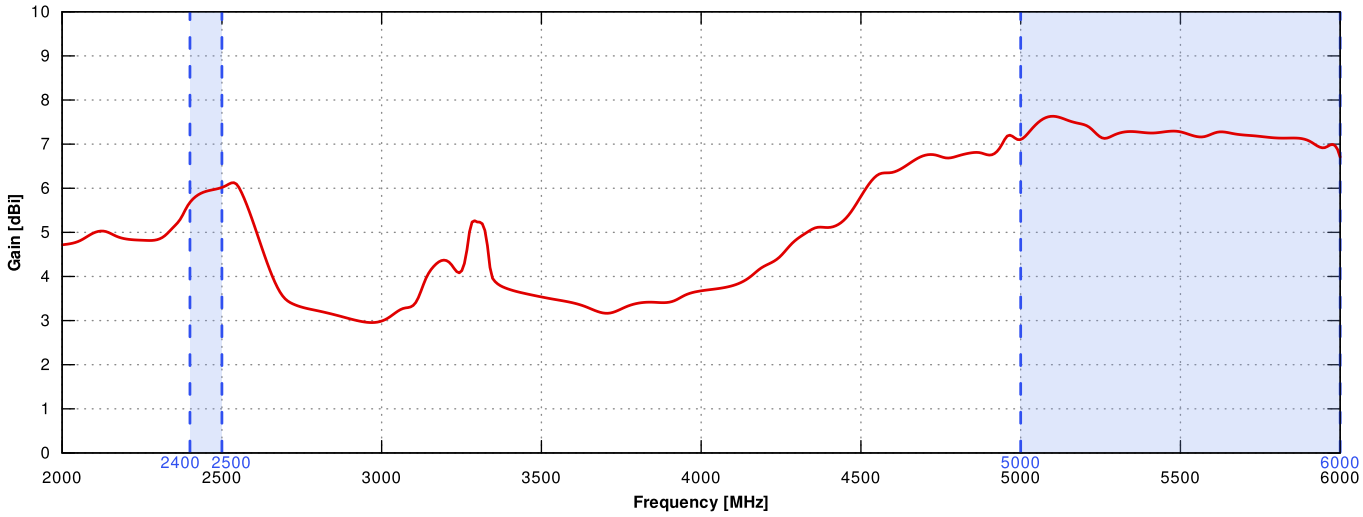


Gain for 5G/LTE antenna



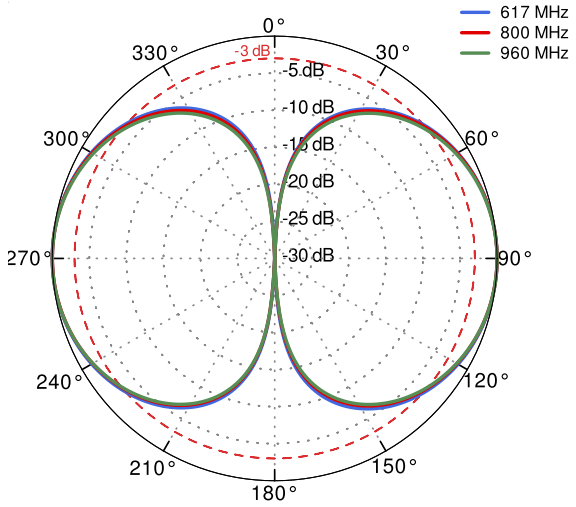
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

Gain for Wi-Fi antenna

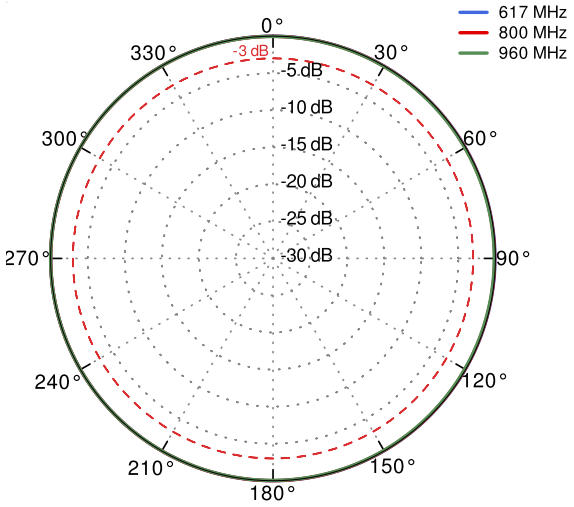


5G/LTE from 617MHz to 960MHz

ELEVATION



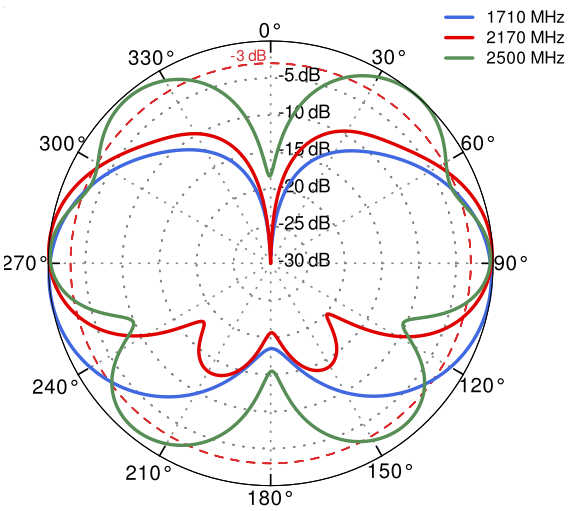
AZIMUTH



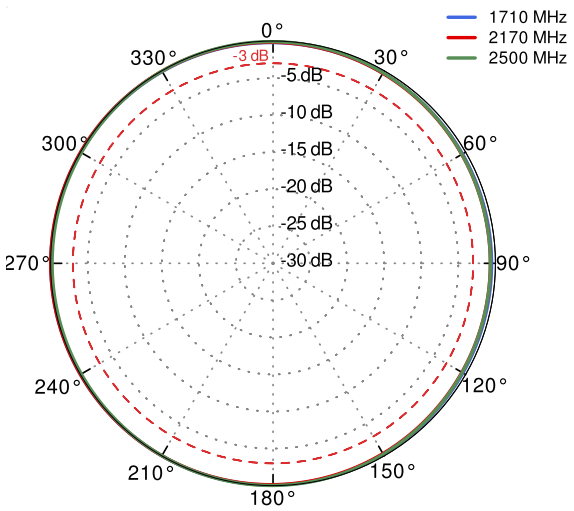
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G/LTE from 1.71GHz to 2.5GHz

ELEVATION

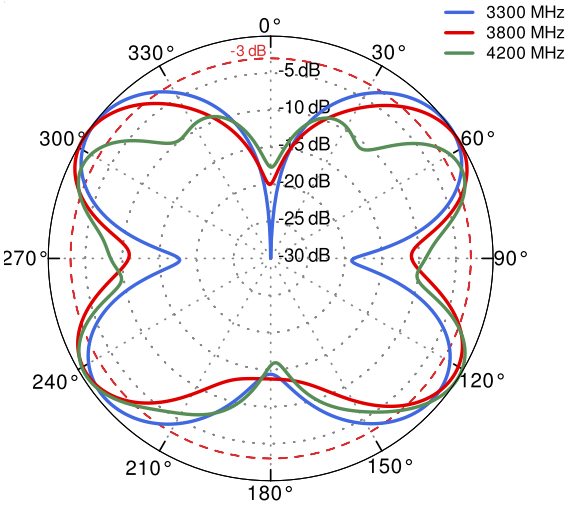


AZIMUTH

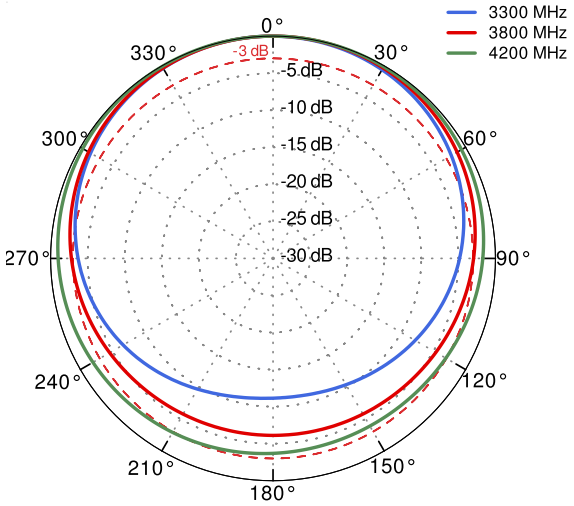


5G/LTE from 3.3GHz to 4.2GHz

ELEVATION



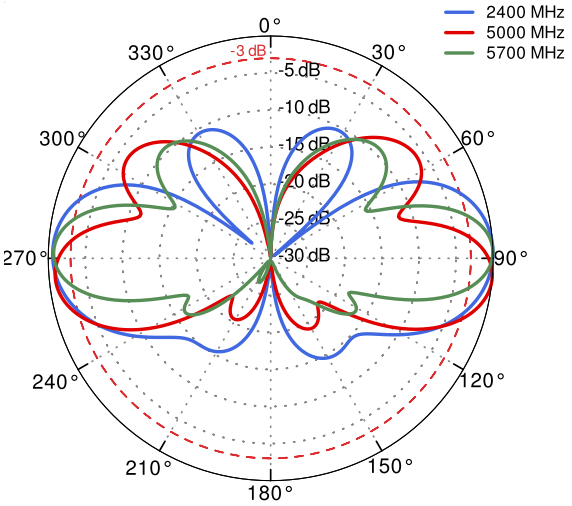
AZIMUTH



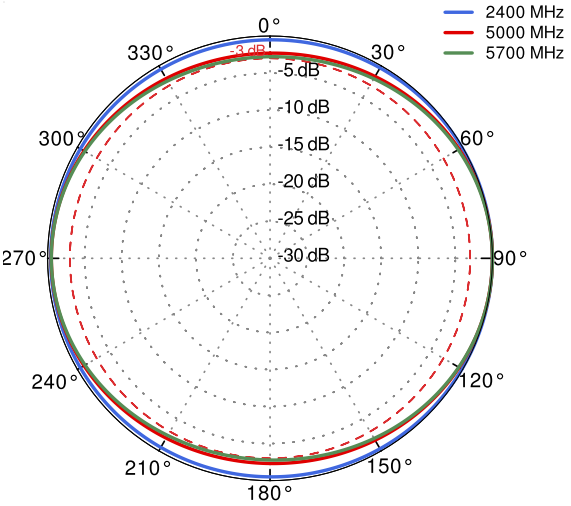
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

Wi-Fi 2.4 GHz and 5 GHz

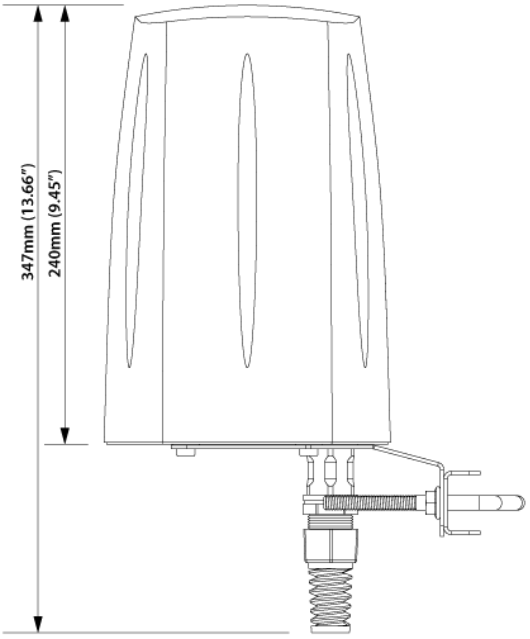
ELEVATION

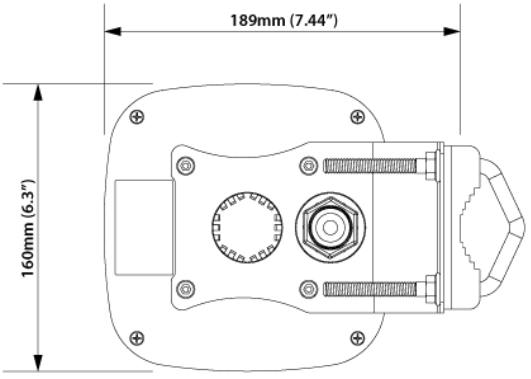


AZIMUTH



DIMENSIONS





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.