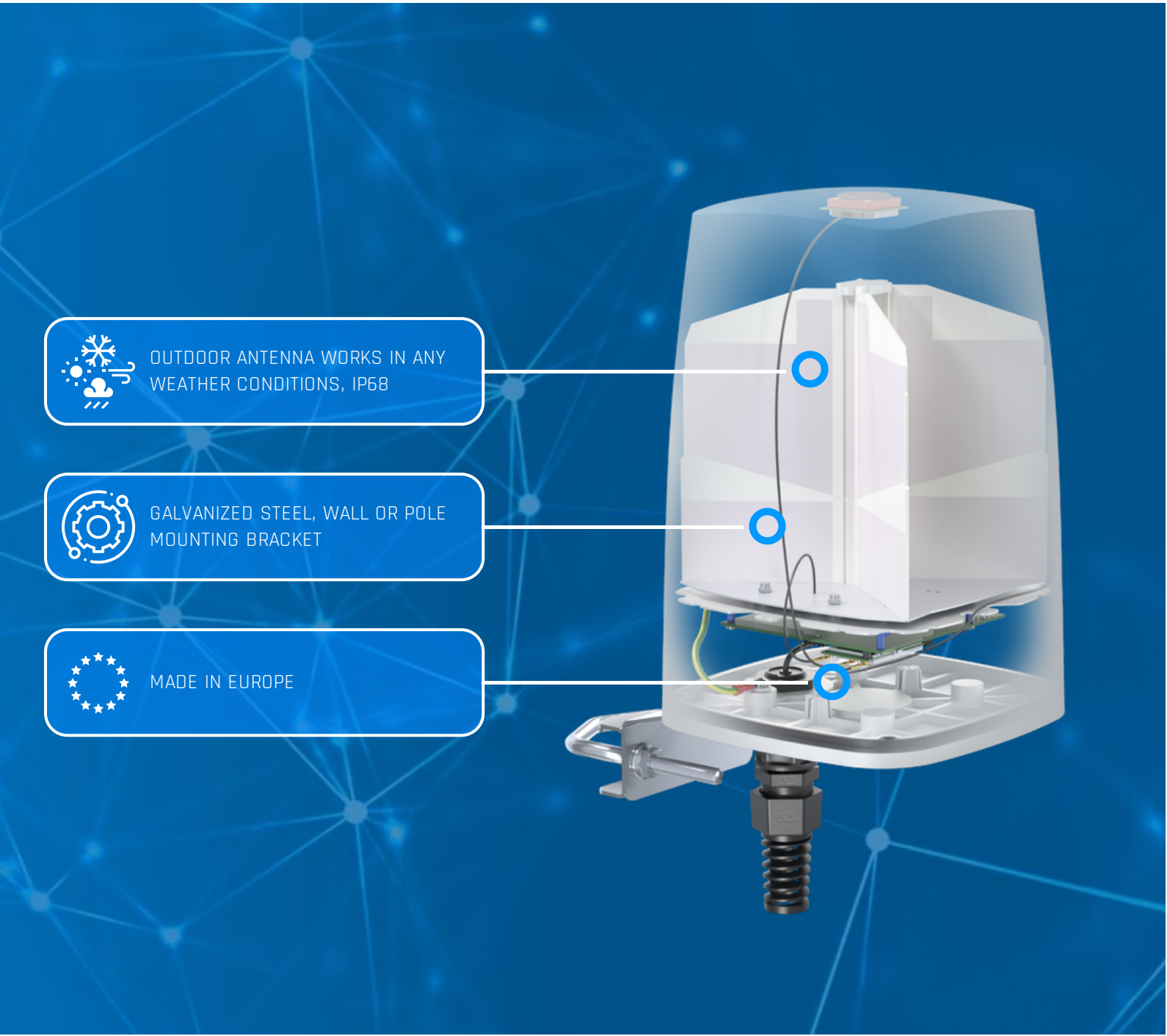
QuSpot LTE MIMO 2x2 + GPS

INTEGRATED MULTI-BAND LTE OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL ROUTERBOARD WITH MODEM

QuSpot 2x2 omnidirectional LTE outdoor antenna for LTE modems. It´s primary designed for LTE/3G/2G 2x2 modems. The antenna covers many LTE bands including frequencies: 617 - 3800MHz. 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 LTE cable connection).

4G LTE | GPS | 617-3800MHz | OMNI DIRECTIONAL | IP 68 | -40° TO +80°



LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.2 GHz 2.3 - 2.7 GHz 3.3 - 3.8 GHz
GAIN	694 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 3.5 dBi 2.3 - 2.7 GHz : 3.5 dBi 3.3 - 3.8 GHz: 4 dBi
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	MHF4
INGRESS PROTECTION	IP68
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 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	40-60 mm 1.57-2.36 inch

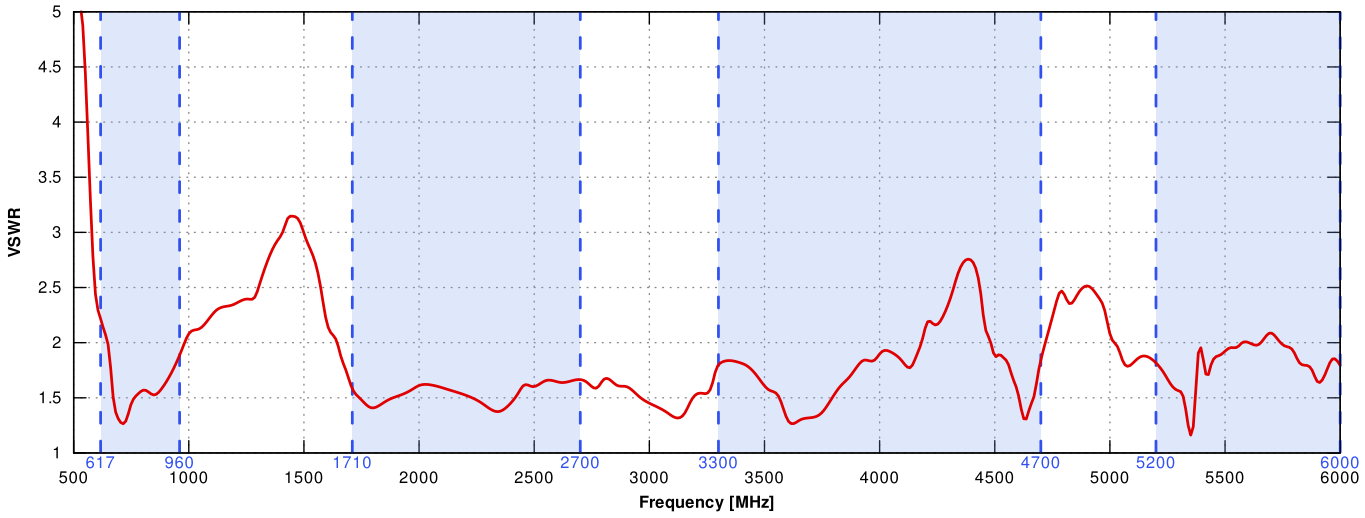
FREQUENCY BANDS

LTE	617 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, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106 — 3800 MHz
5G	617 MHz: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n48, n53, n65, n66, n67, n71, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256 — 3800 MHz

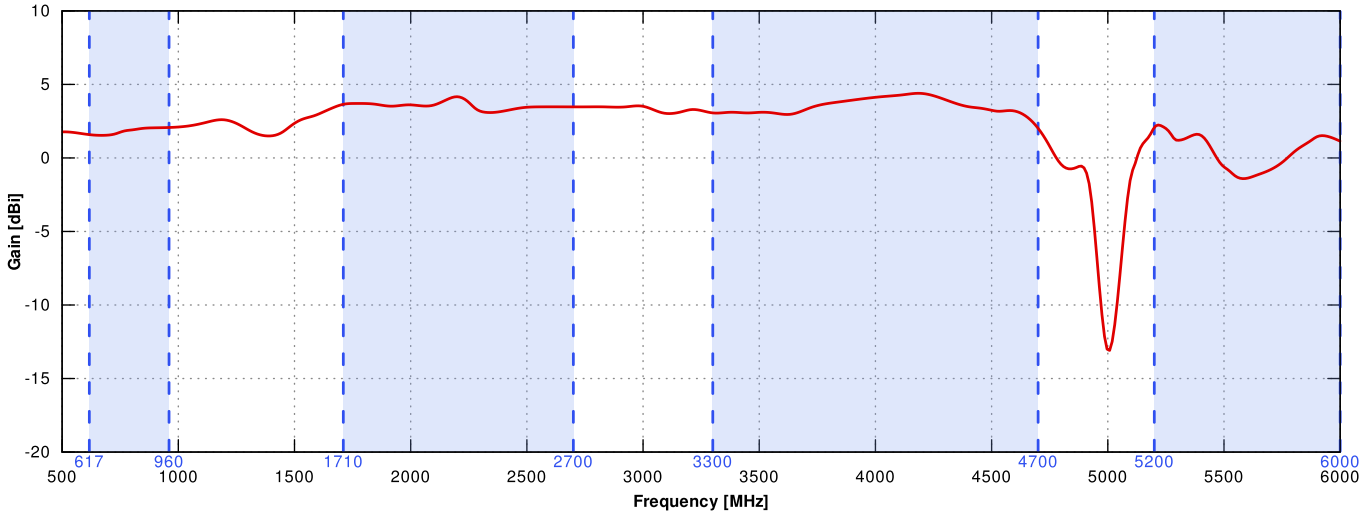
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PLOTS

VSWR



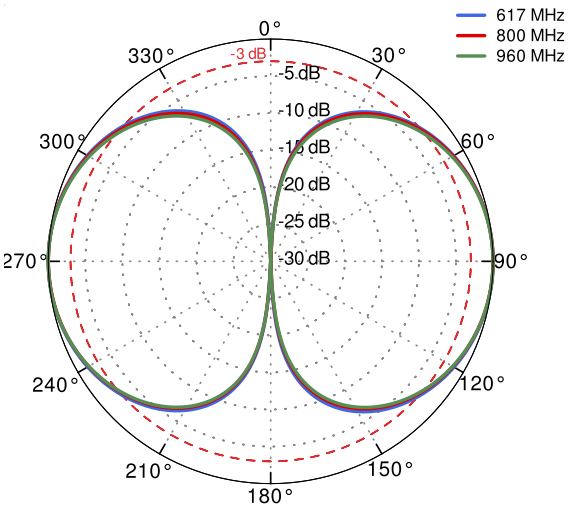
Gain



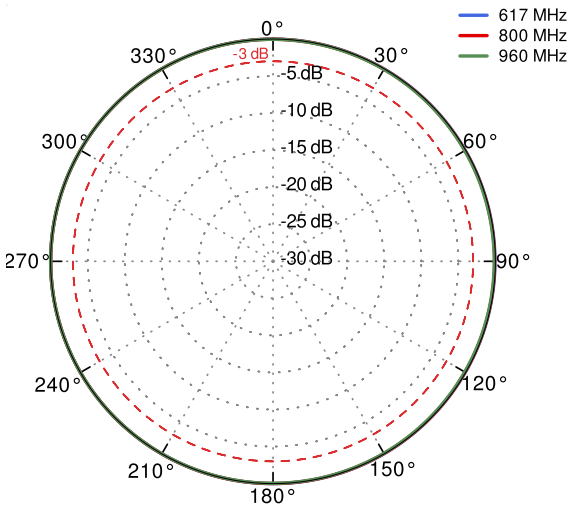
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

From 617MHz to 960MHz

ELEVATION

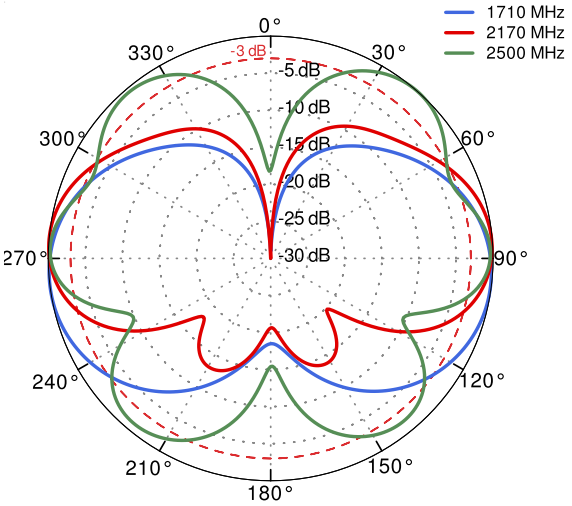


AZIMUTH

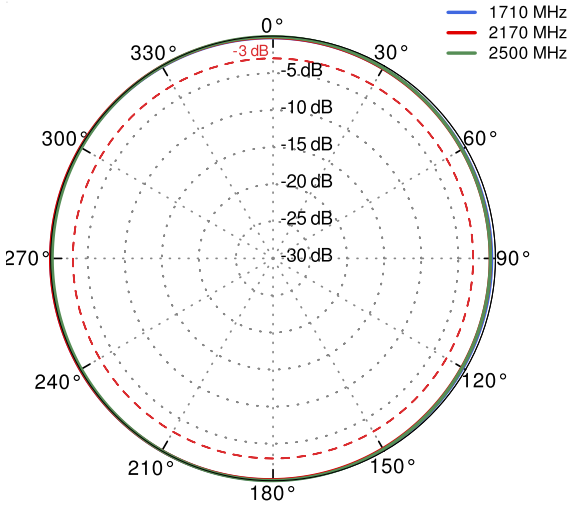


From 1.71GHz to 2.5GHz

ELEVATION



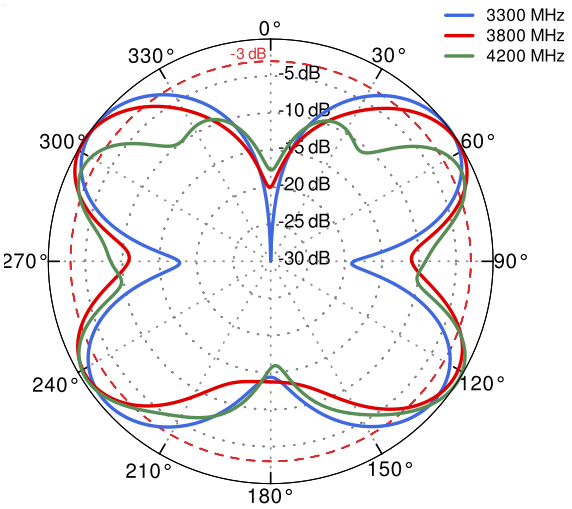
AZIMUTH



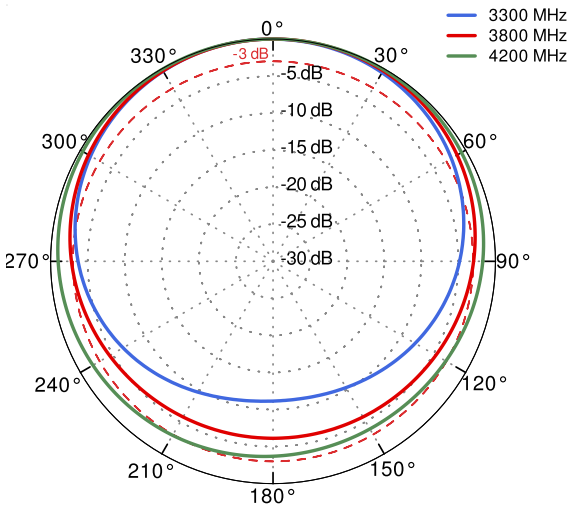
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

From 3.3GHz to 4.2GHz

ELEVATION

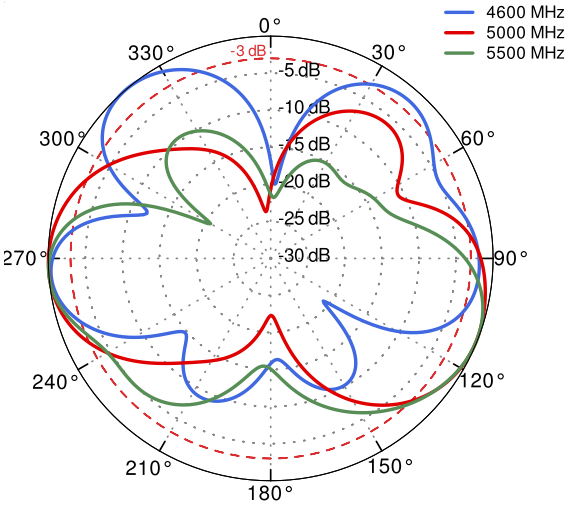


AZIMUTH

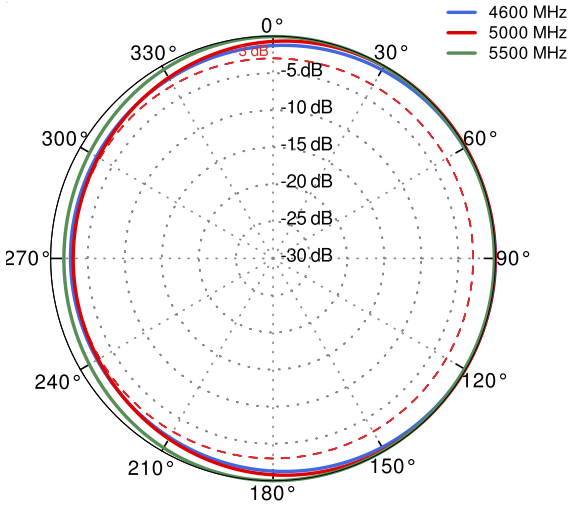


From 4.6GHz to 5.5GHz

ELEVATION

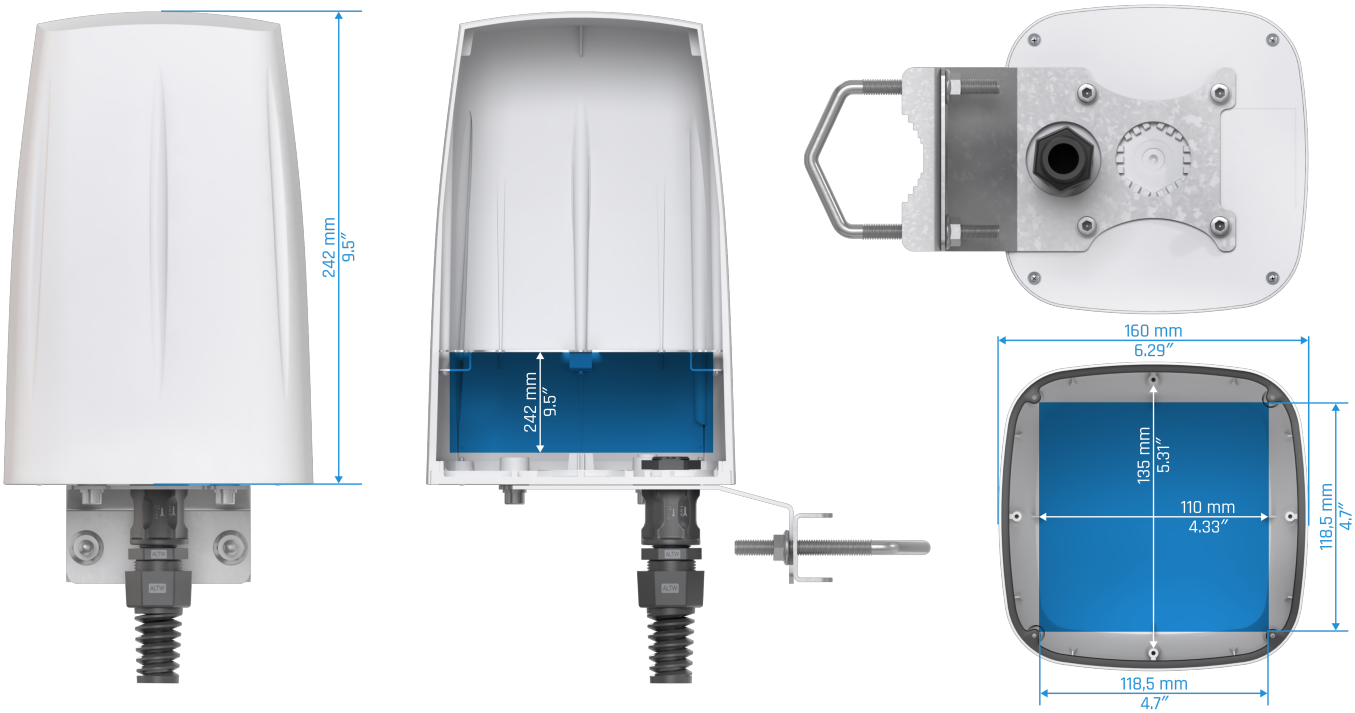


AZIMUTH



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.