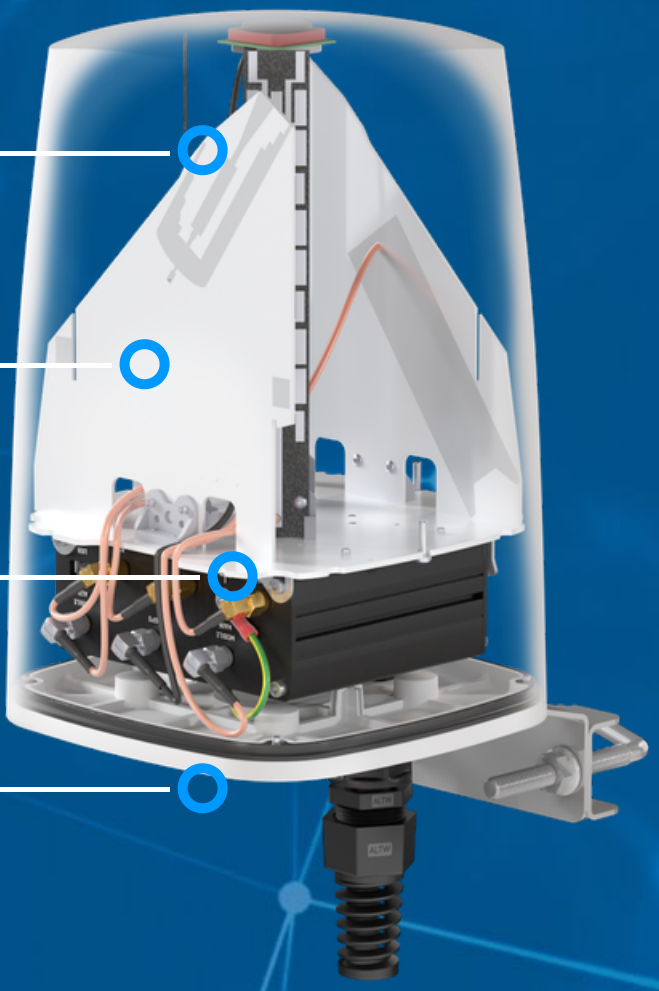
QuSpot for Teltonika RUTX11

Integrated multi-band 5G/LTE omni antenna + WiFi omni antenna + GPS antenna + Bluetooth antenna + place to install Teltonika RUTX11 (All-in-one)

QuSpot omni 5G/LTE antenna for Teltonika **RUTX11** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It also has embedded Wi-Fi dualband 2.4 & 5 GHz omni antenna, GPS antenna and Bluetooth antenna. If you use **RUTX11** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.
This product is also compatible with **RUTM11.** If used with RUTM11, the Bluetooth antenna is unused.

4G LTE | Wi Fi DUALBAND 2.4GHz 5GHz | BLUETOOTH | GPS | 617-6000MHz | 4 dBi | OMNI DIRECTIONAL | IP 68 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68
- ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER
- PASSIVE **POE SUPPORT**
- MADE IN **EUROPE**



5G/LTE ANTENNA SPECIFICATION

FREQUENCY	0.617 - 0.960 GHz 1.6 - 3.0 GHz 3.0 - 5.0 GHz 5.0 - 6.0 GHz
MAX. GAIN	0.617 - 0.960 GHz : 2 dBi 1.6 - 3.0 GHz : 4 dBi 3.0 - 5.0 GHz : 4 dBi 5.0 - 6.0 GHz : 2 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 85, 103, 106, 111, 252, 254, 256
SUPPORTED 5G BANDS	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, n54, n65, n66, n67, n68, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n99, n100, n101, n106, n252, n254, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
MAX. GAIN	2.4 - 2.5 GHz : 6 dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	< 1.50, max < 2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

BLUETOOTH ANTENNA SPECIFICATION

FREQUENCY	2.20 - 2.70 GHz
MAX. GAIN	2 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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MECHANICAL SPECIFICATION

RADOME MATERIAL	UV-resistant ASA
OPERATING HUMIDITY	up to 100% RH
MATERIALS	aluminum, PTFE
CONNECTOR TYPE	RJ45
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
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm
MAST DIAMETER	25-66 mm 0.98-2.60 inch

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FREQUENCY BANDS

5G / LTE GSM	694 MHz	5	6	8	12	13	14	17	960 MHz
		18	19	20	26	27	28	29	
		44	67	68	85	n81	n82	n83	
		n89							
5G / LTE UMTS	1710 MHz	1	2	3	4	9	10	25	2170 MHz
		33	34	35	36	37	39	59	
		62	n80	n84	n86	n95			
5G / LTE WCS DARS	2300 MHz	30	40						2400 MHz
5G / LTE	2400 MHz	7	38	41	53	69	n90		2700 MHz

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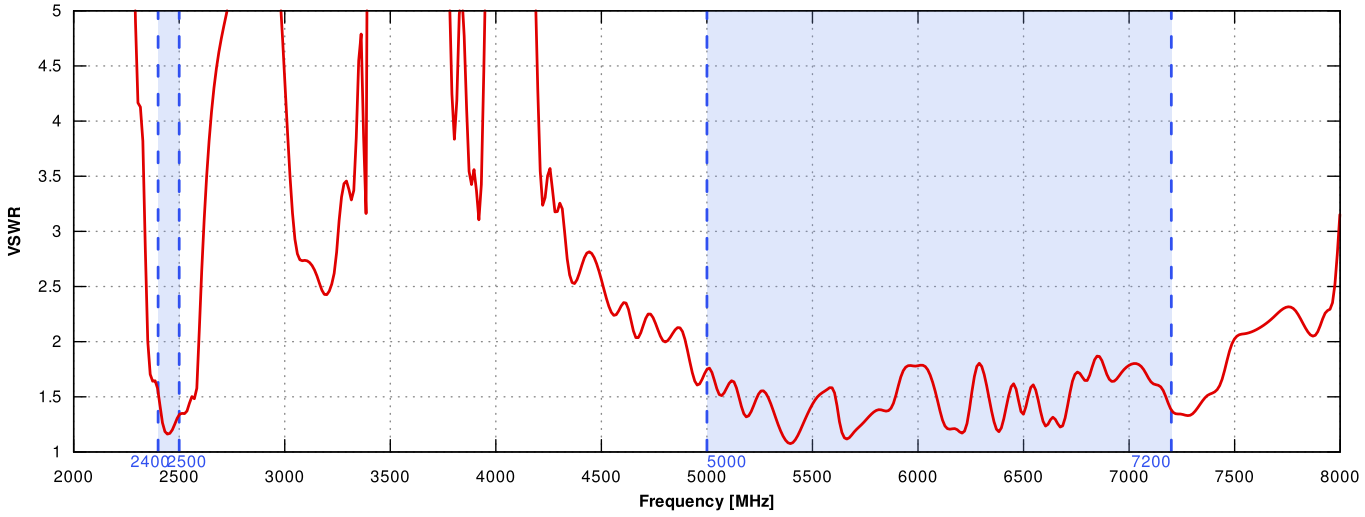
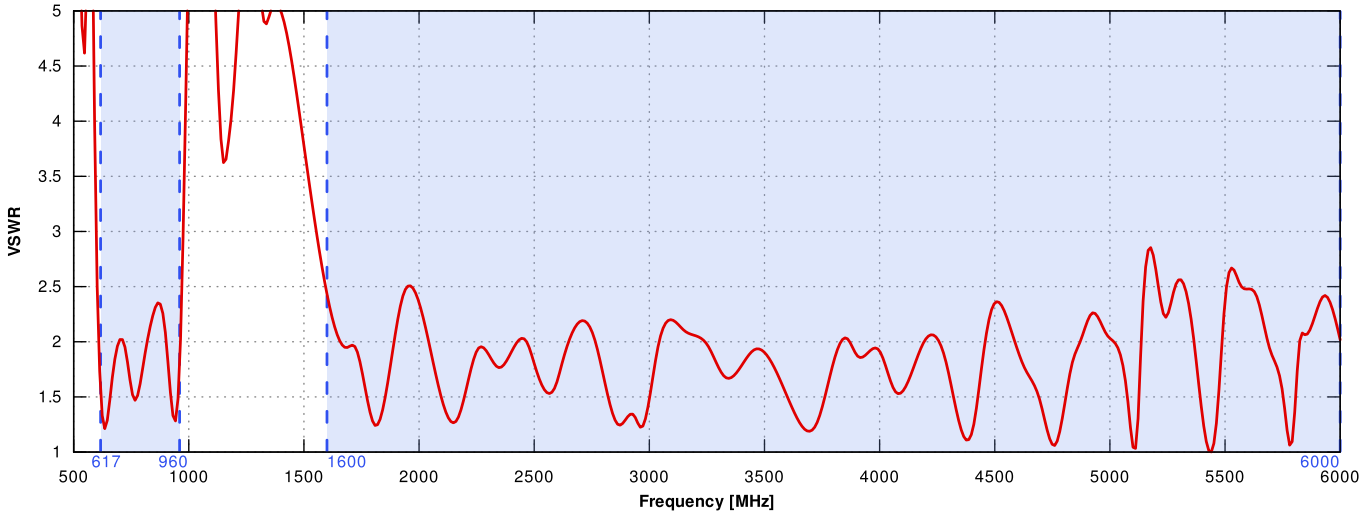
PLOTS

VSWR for Wi-Fi antenna



VSWR for 5G/LTE antenna



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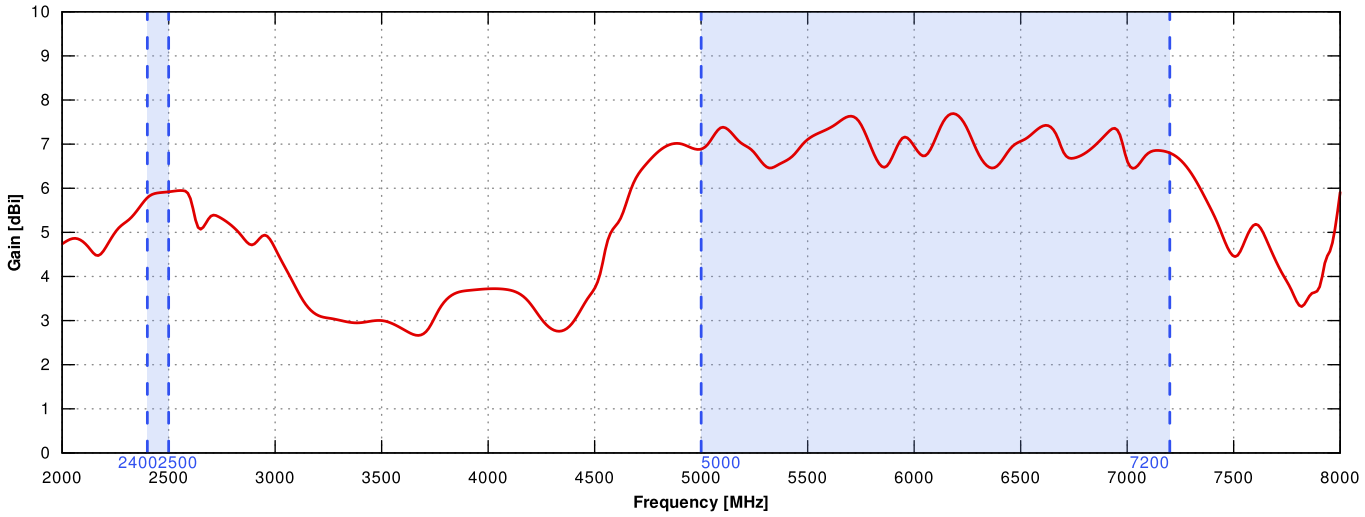
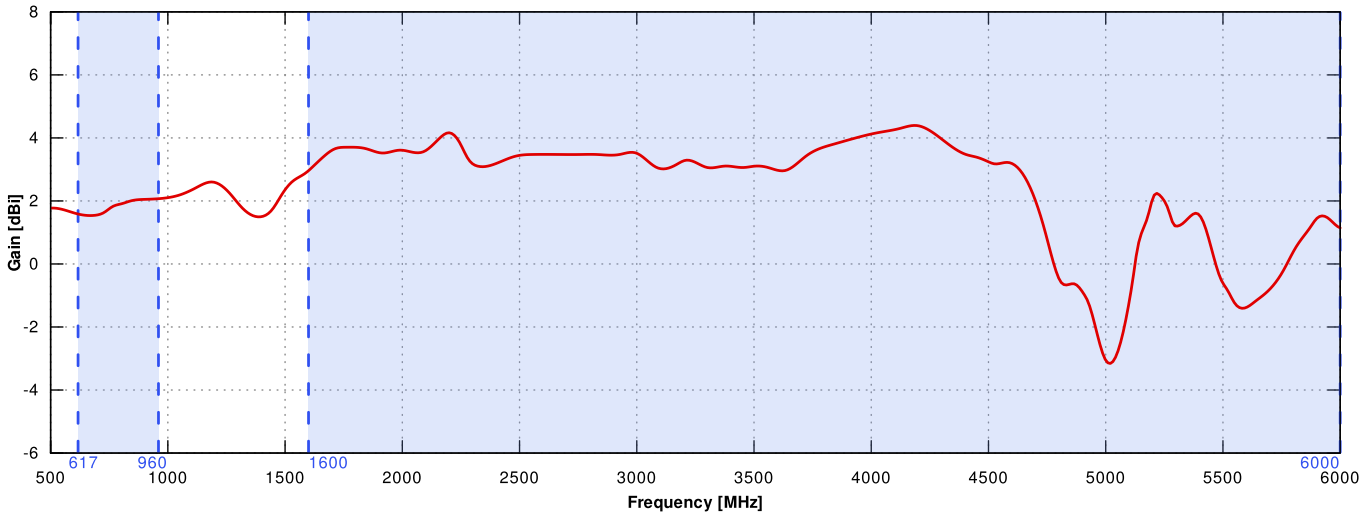
Gain for Wi-Fi antenna



Gain for 5G/LTE antenna



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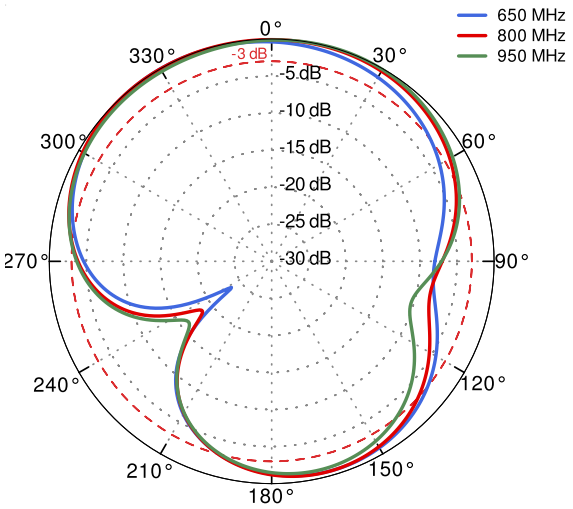
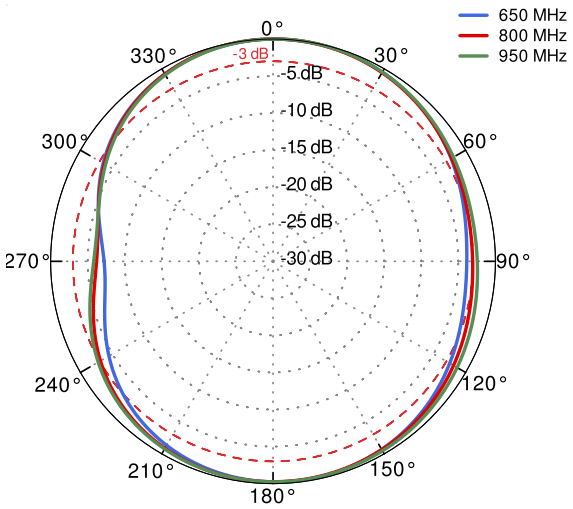
5G/LTE From 650MHz to 950MHz

ELEVATION

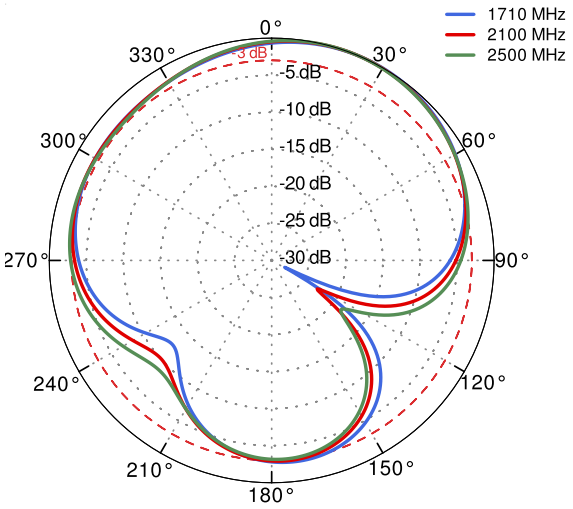


AZIMUTH



5G/LTE From 1710MHz to 2500MHz

ELEVATION



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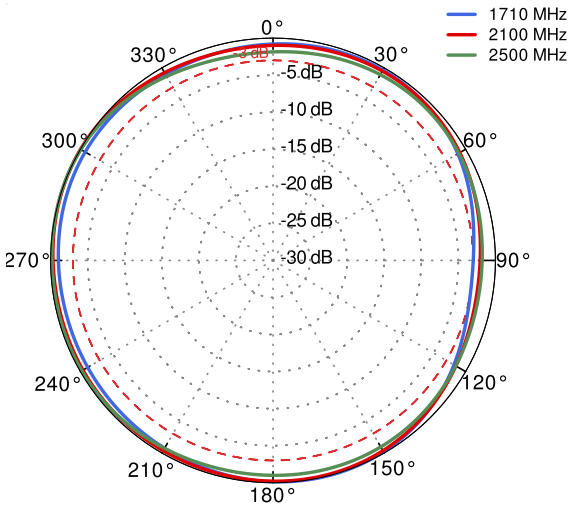

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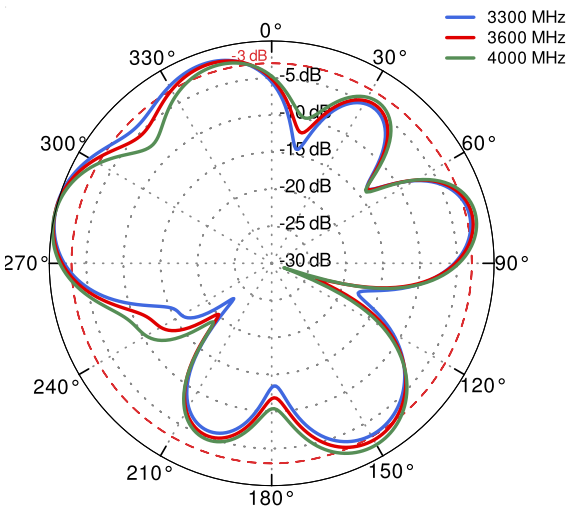
5G/LTE From 3300MHz to 4000MHz

ELEVATION



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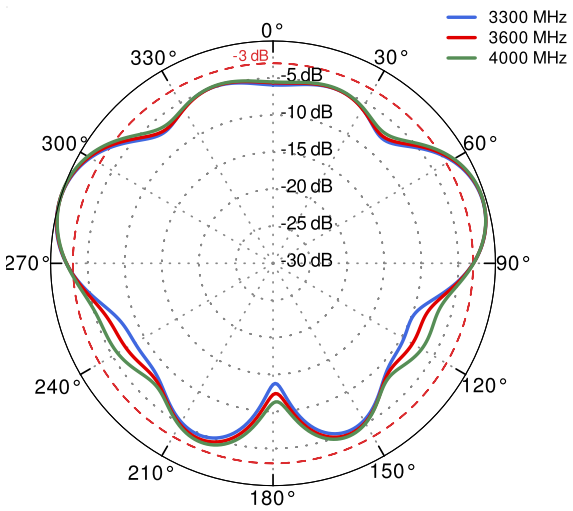
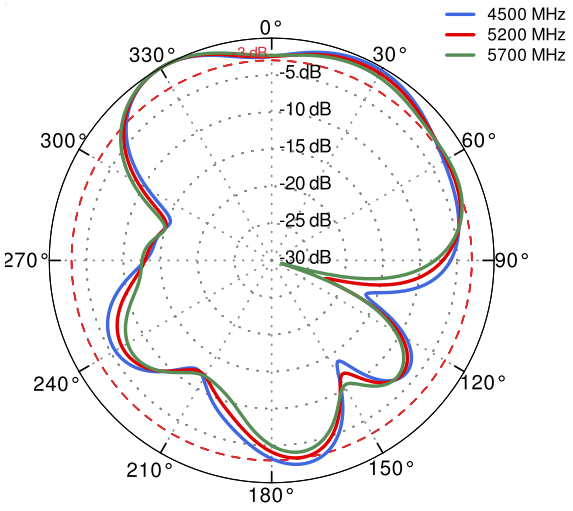


5G/LTE From 4500MHz to 5500MHz

ELEVATION



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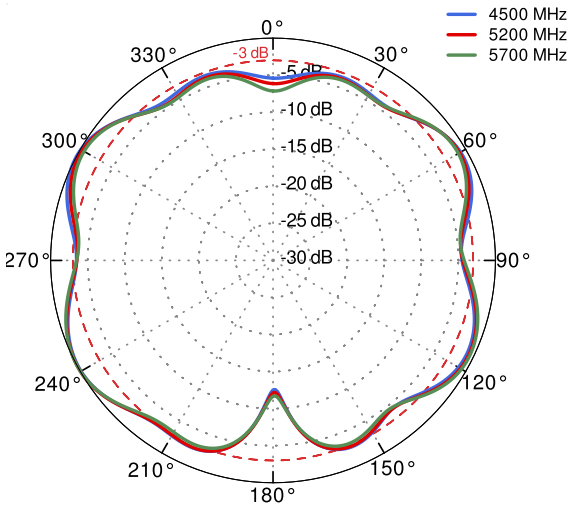

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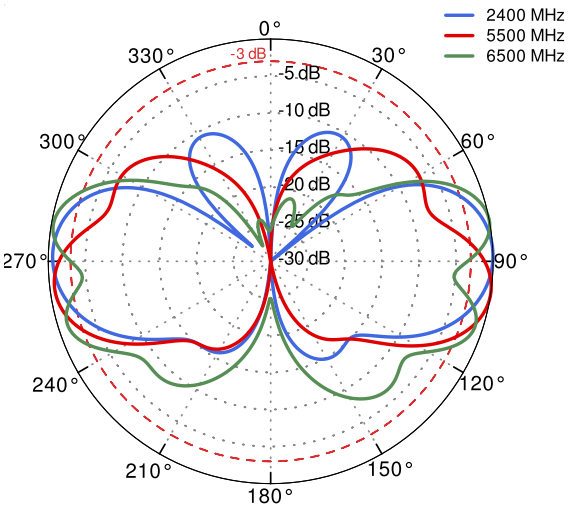
Wi-Fi 2.4GHz and 5GHz

ELEVATION



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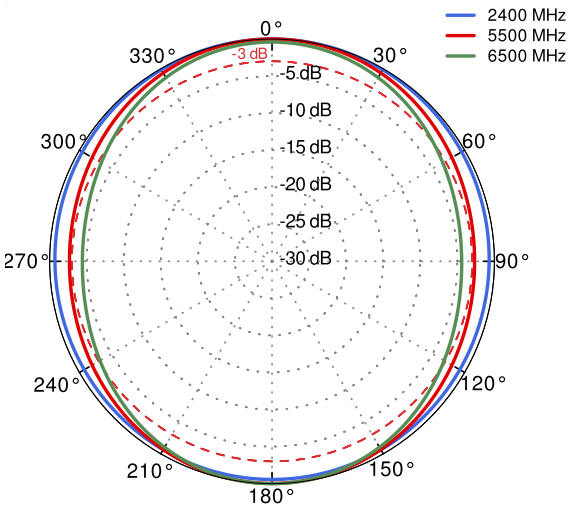
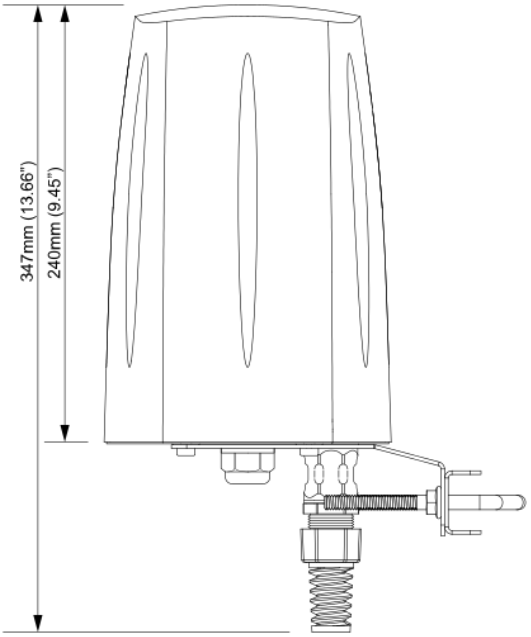
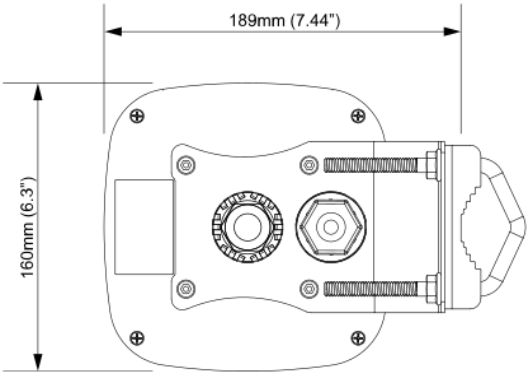


DIMENSIONS





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