QuWireless

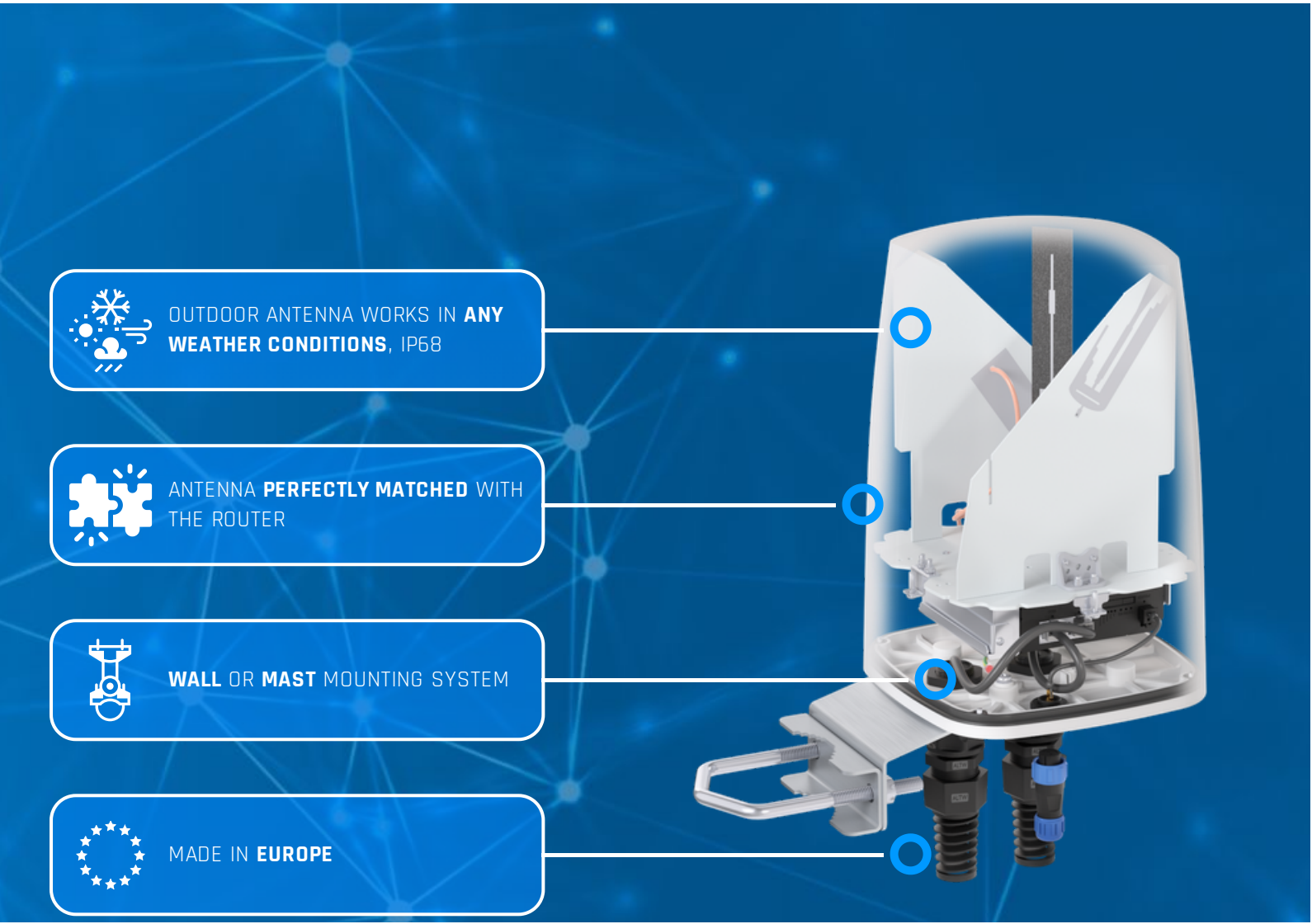
DATASHEET / -
VERSION / 2.60

QuSpot for RUT2xx ver. Global 2xRJ45 QuPS2

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + PLACE TO INSTALL TELTONIKA RUT271/RUT260/RUT241/RUT240/RUT200 (ALL-IN-ONE)

QuSpot omnidirectional 5G/LTE antenna ver. Global for Teltonika **RUT271, RUT260, RUT241, RUT240 or RUT200 routers** is a perfect outdoor device for mobile and fixed installations e.g. CCTV, hotspots, industrial areas, campervans, ships etc... In addition to having **omnidirectional, multi-band LTE antennas**, it has also embedded **omnidirectional Wi-Fi antenna**. If you use RUT2xx with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.
The product features a **QuPS2** connector intended for power supply from the original Teltonika power adapter; however, it requires modification of the plug.





5G 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
CONNECTOR	2x SMA
CABLE TYPE	RG316

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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	1x RPSMA
CABLE TYPE	RG316

MECHANICAL SPECIFICATION

MATERIALS	ASA, aluminum, PTFE
CONNECTOR TYPE	2x RJ45 QuPS2
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 75°C From -40°F to 167°F

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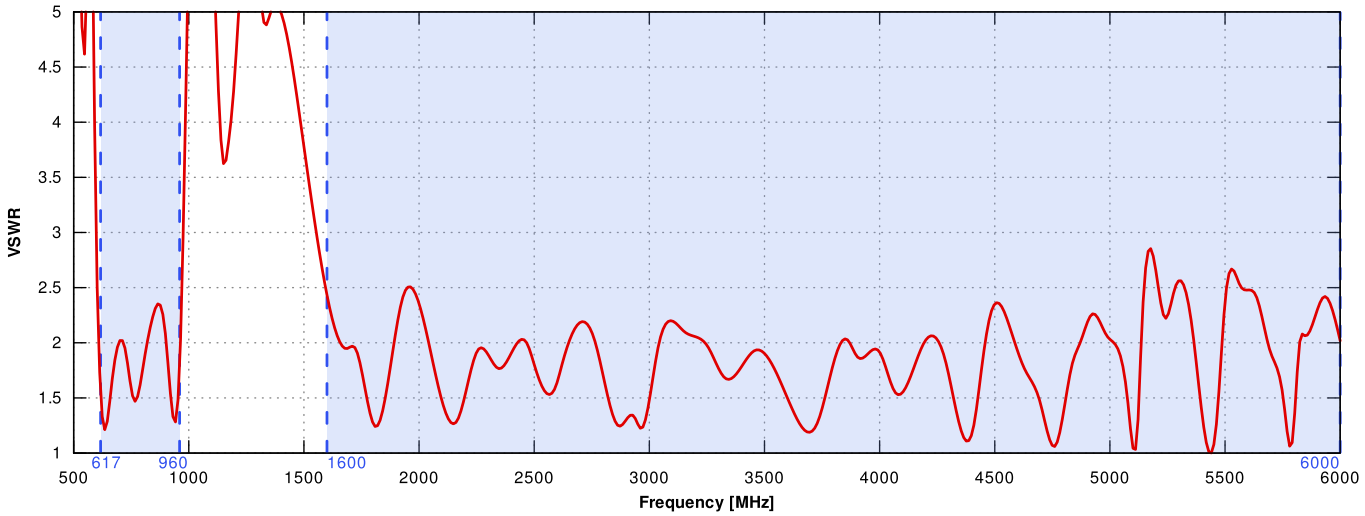
MAST DIAMETER	25-66 mm 0.98-2.60 inch
INCLUDED BRACKET WIND SURVIVAL	≤190 km/h
OPTIONAL BRACKET WIND SURVIVAL (2X U-BOLT)	≤220 km/h
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm

COMPATIBLE ROUTERS

VARIANT: -

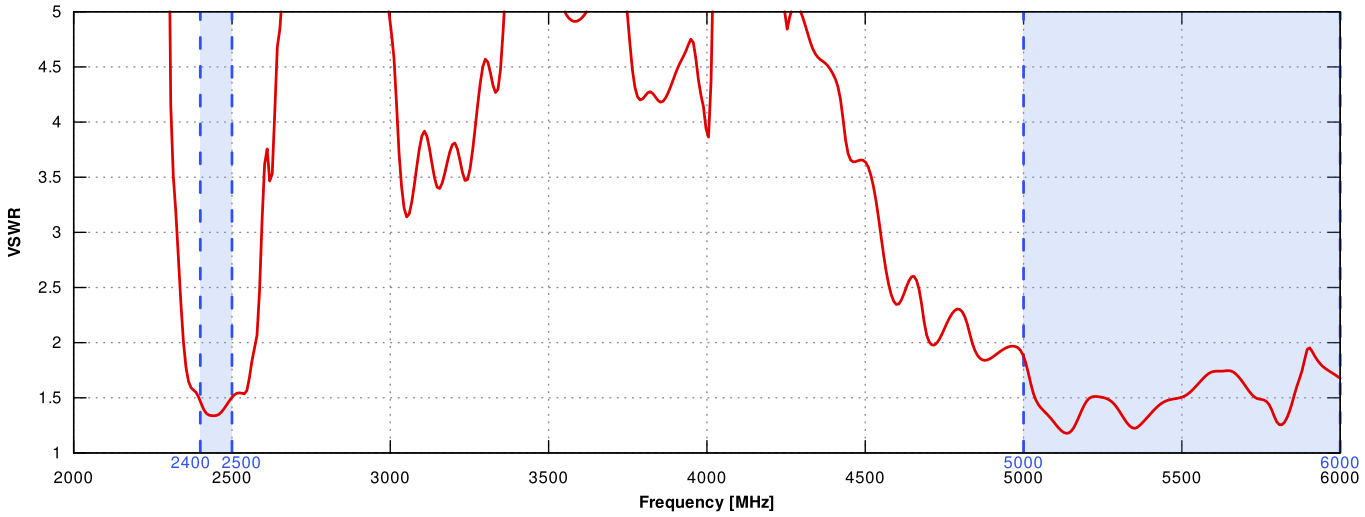
PLOTS

VSWR for 5G/LTE antenna

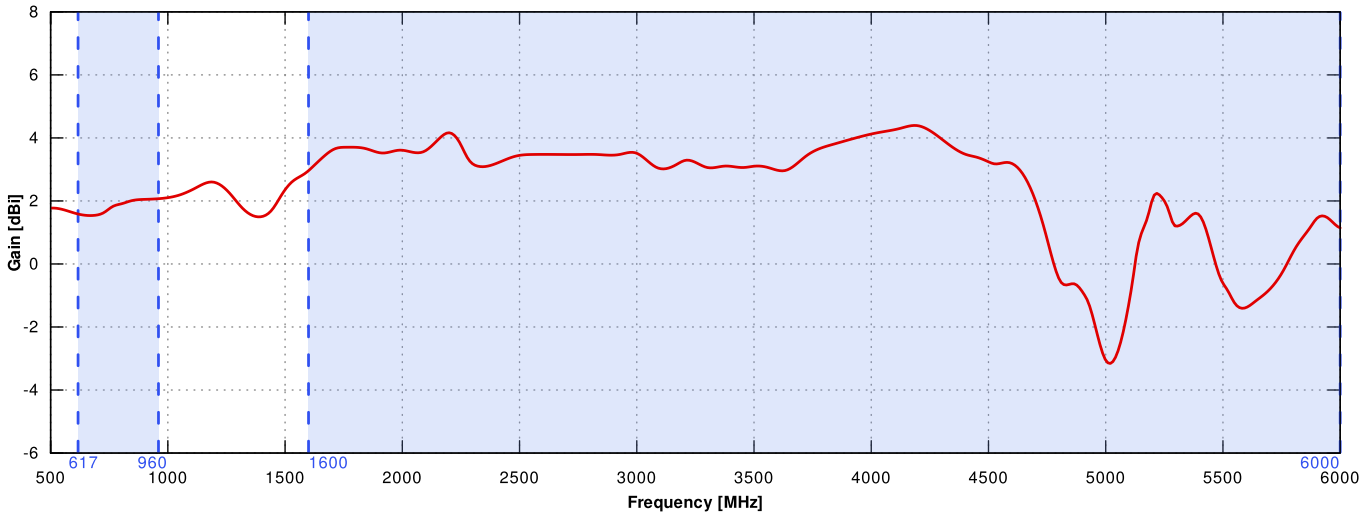


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VSWR for Wi-Fi antenna

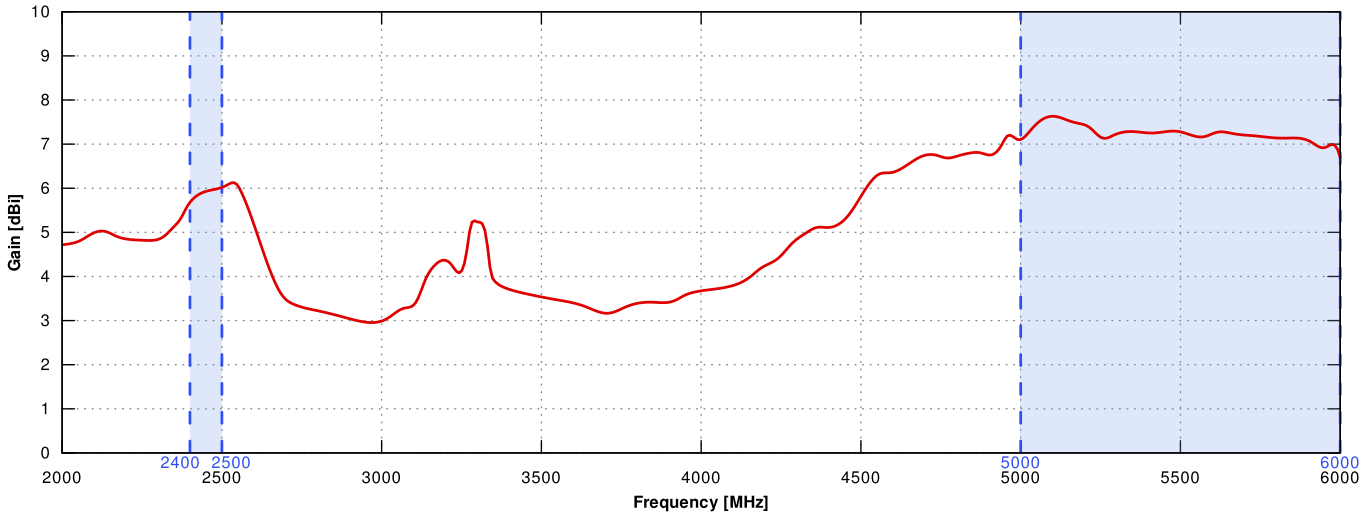


Gain for 5G/LTE antenna



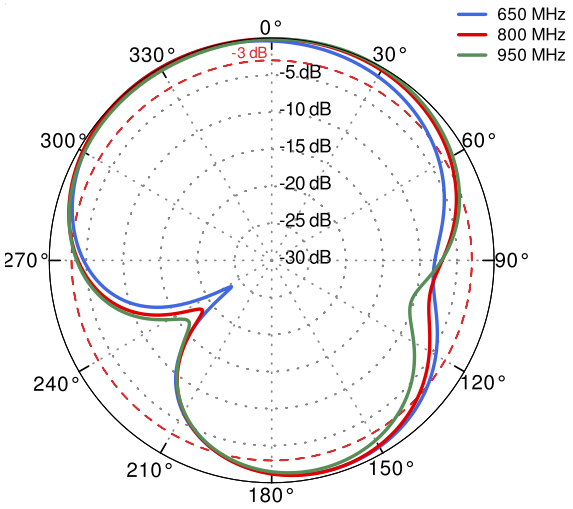
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Gain for Wi-Fi antenna

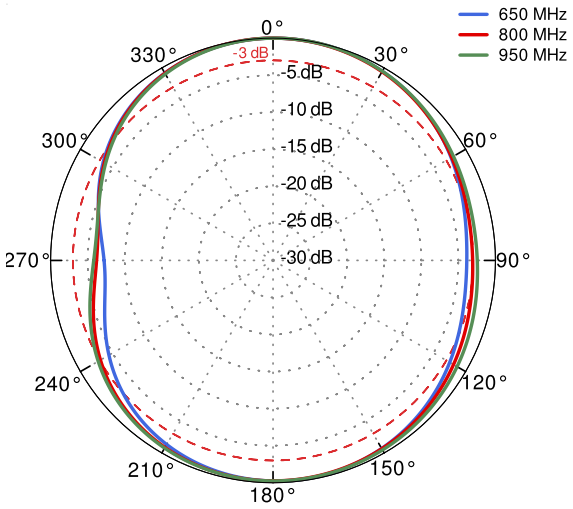


5G/LTE From 650MHz to 950MHz

ELEVATION



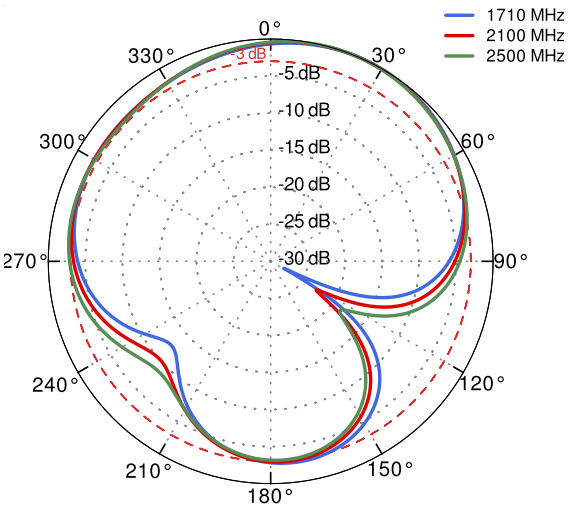
AZIMUTH



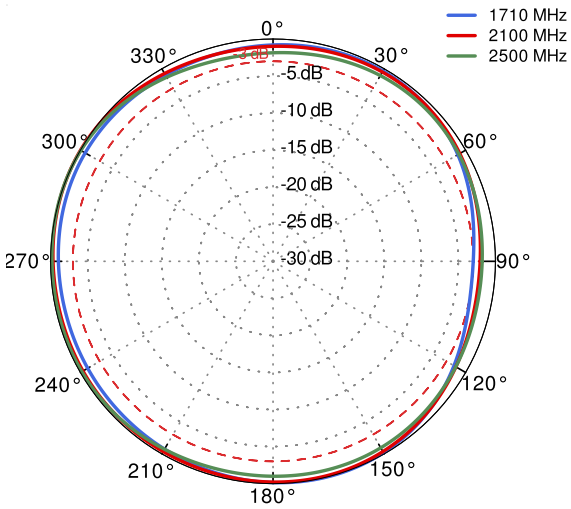
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5G/LTE From 1710MHz to 2500MHz

ELEVATION

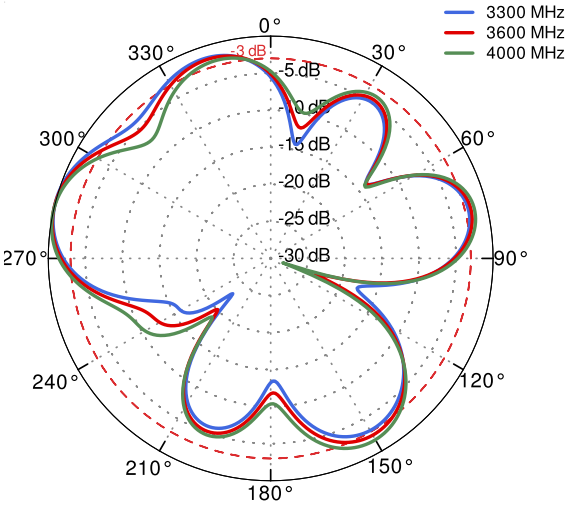


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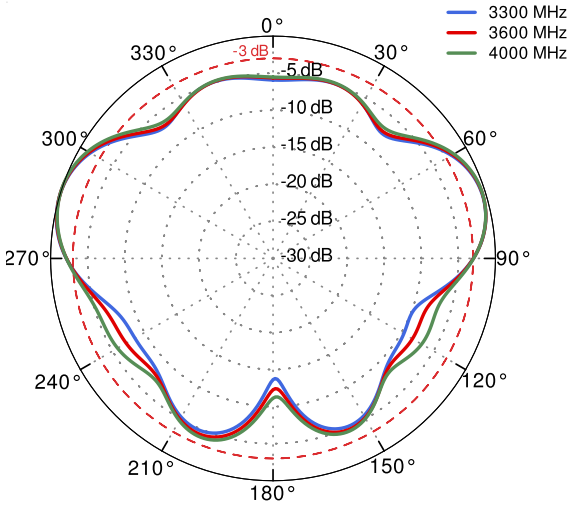


5G/LTE From 3300MHz to 4000MHz

ELEVATION



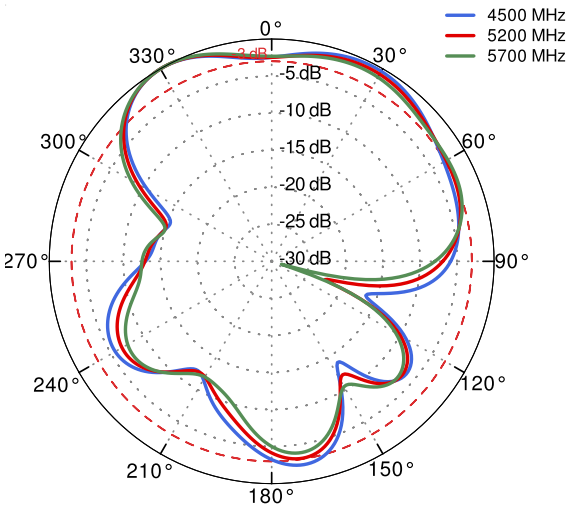
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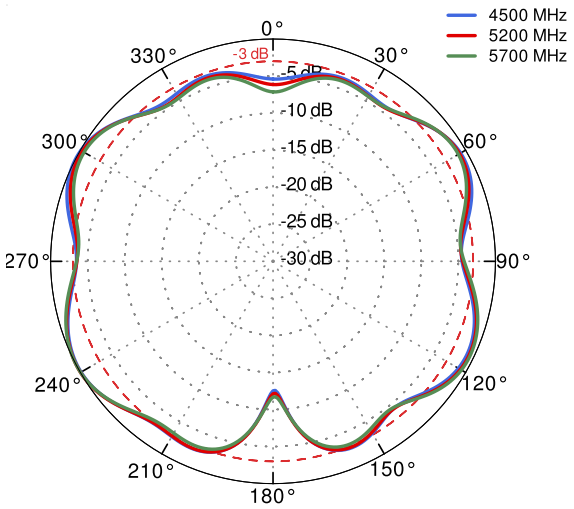
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5G/LTE From 4500MHz to 5500MHz

ELEVATION

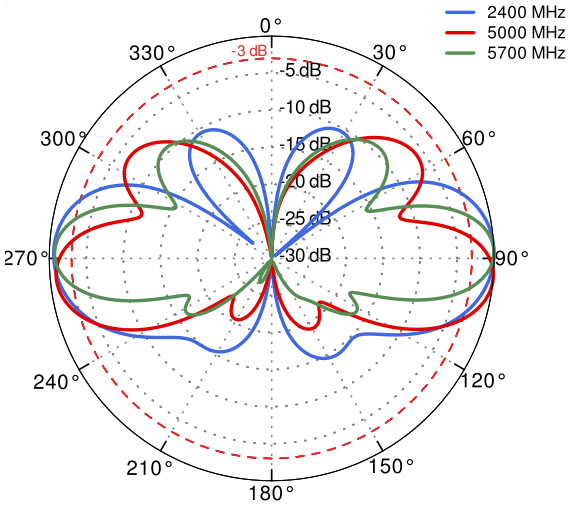


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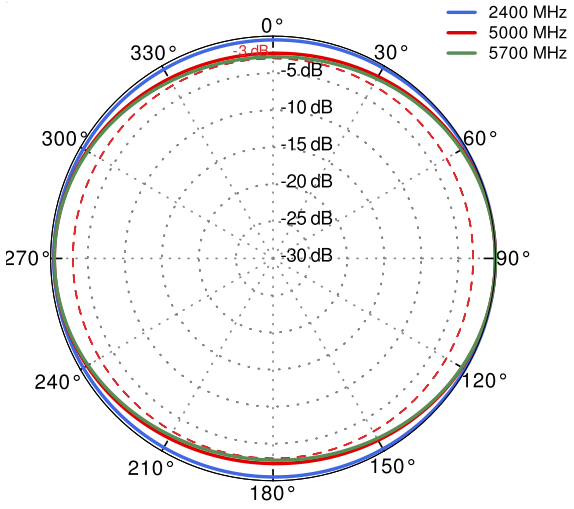


Wi-Fi 2.4 GHz and 5 GHz

ELEVATION

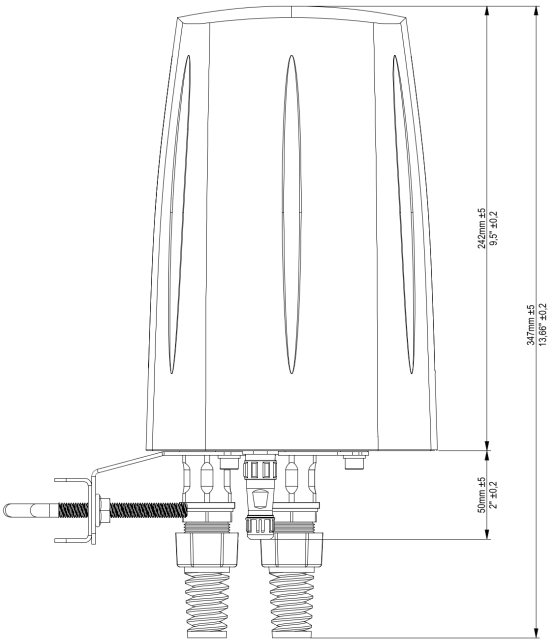


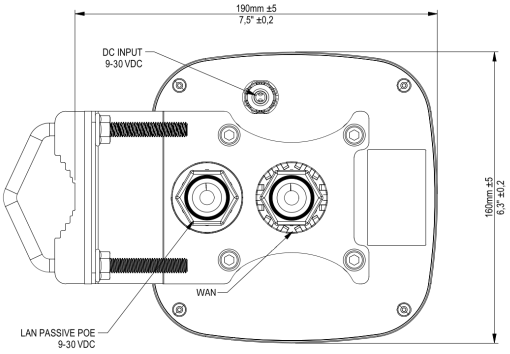
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DIMENSIONS





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