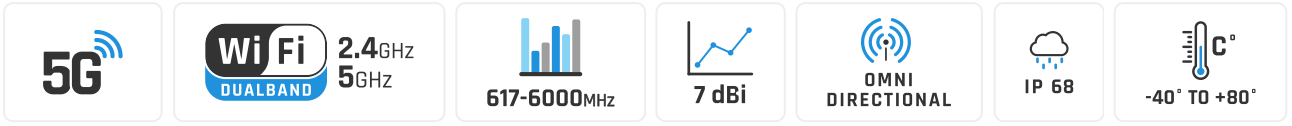
QuSpot for Teltonika RUT951 POE+

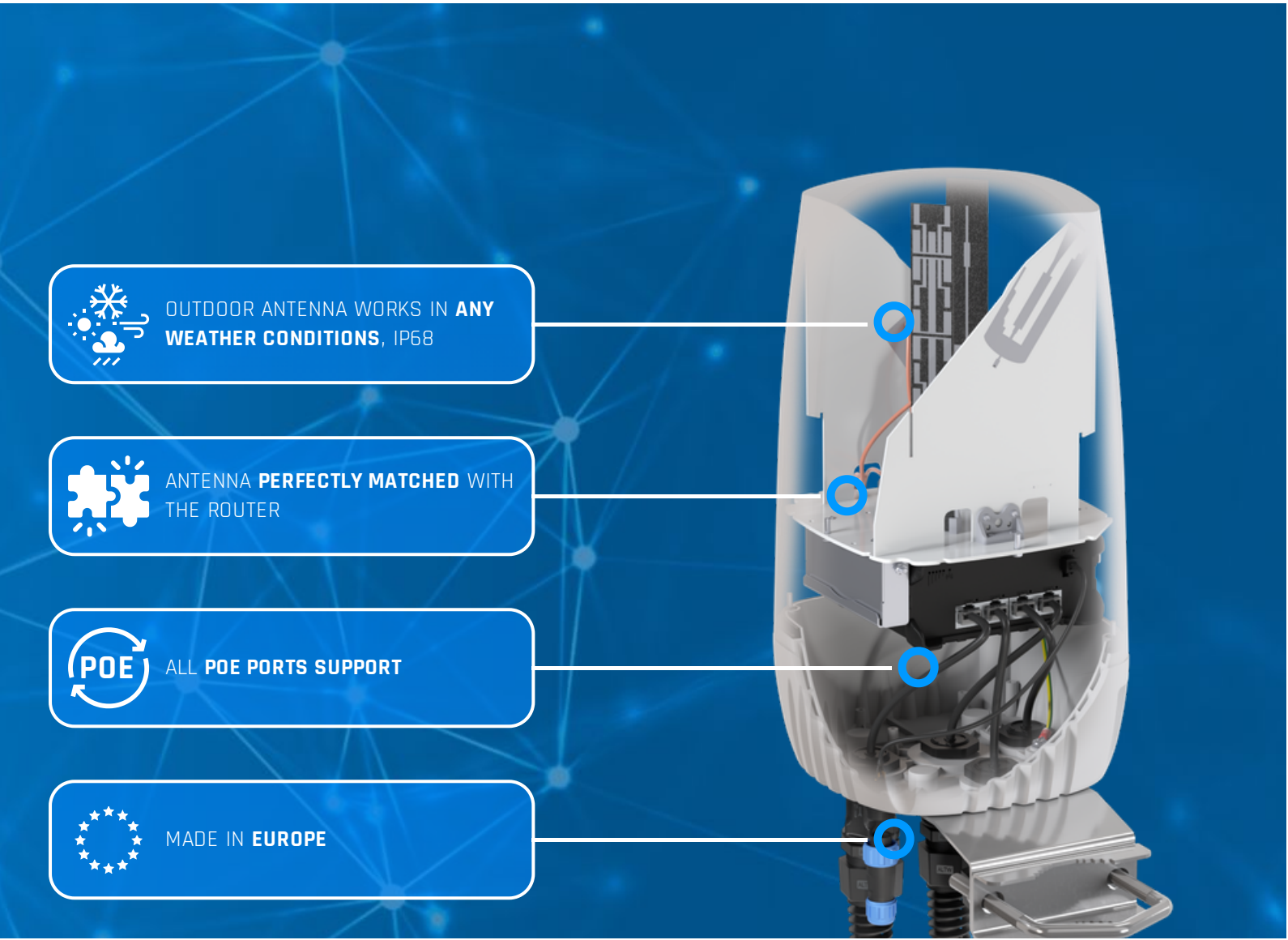
Integrated multi-band 5G/LTE omni antennas + WiFi omni antennas + place to install Teltonika RUT951 PoE+ (All-in-one)

QuSpot for Teltonika RUT951 PoE+ router features integrated omni-directional 5G/LTE and Wi-Fi antennas, an internal mounting system for the router, and a bracket for pole or wall installation. To fully utilize the router's capabilities, it includes four RJ45 ports:

- 1x PoE IN 802.3af/at
- 3x PoE OUT 802.3af/at; 30W max per port; 90W total

It also comes equipped with a DC connector, supporting power input from a 9–57V DC source.
This all-in-one, versatile solution is ideal for a wide range of security applications. In addition to powering CCTV cameras, it can support various other PoE-enabled devices such as sensors, sirens, panic buttons, and more.
QuSpot simplifies advanced security deployments with a compact, integrated design.





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: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	< 1.50, max < 2.00
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

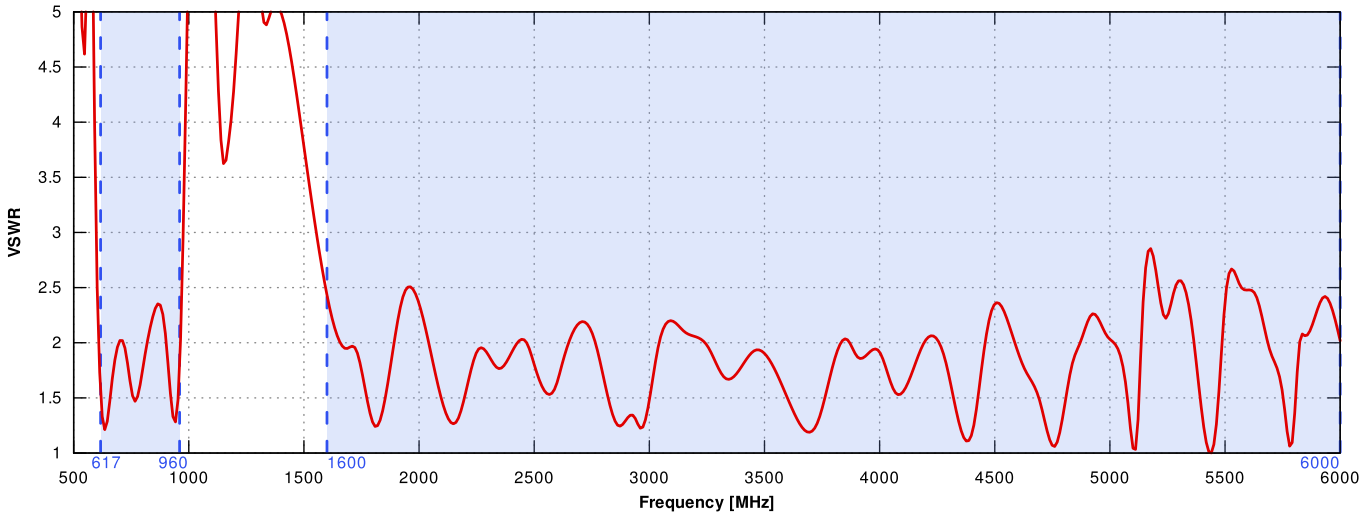
RADOME MATERIAL	UV-resistant ASA
OPERATING HUMIDITY	up to 100% RH
MATERIALS	aluminum, PTFE
CONNECTOR TYPE	RJ45
POE IN	PoE In port 1 (LAN1): 802.3af/at compliant PD port
POE OUT	PoE Out ports 2-4 (LAN2, LAN3, WAN): 802.3af/at; 30W max per port; 90W total
INGRESS PROTECTION	IP68
DIMENSIONS	160 x 160 x 310 mm 6.3 x 6.3 x 12.20 inch

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WEIGHT	1.8 kg 3.97 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

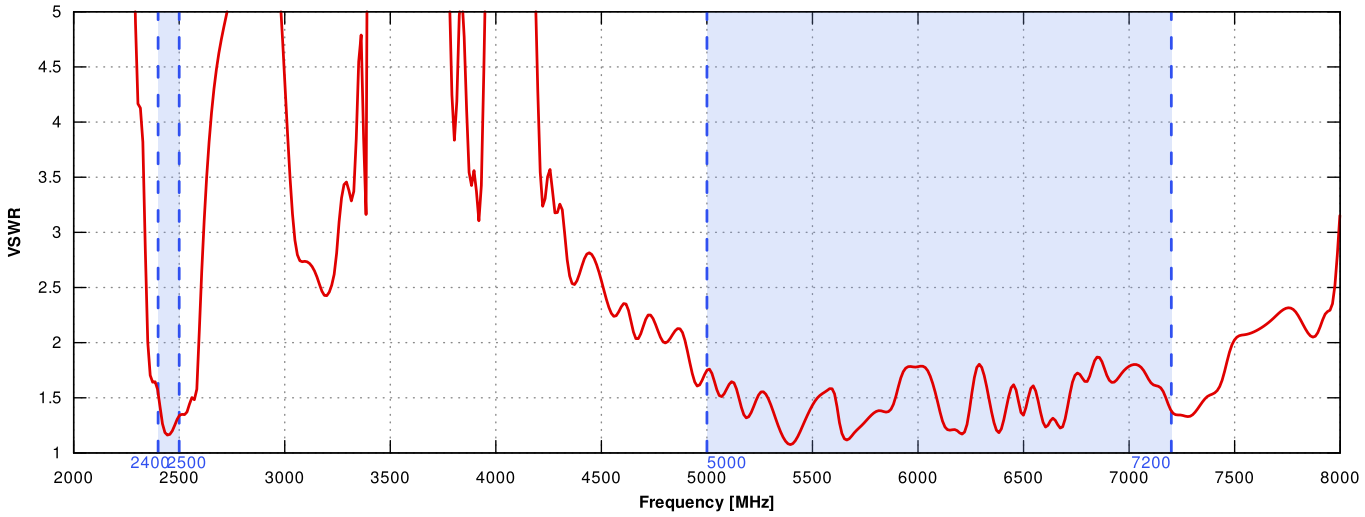
PLOTS

VSWR for 5G/LTE antenna

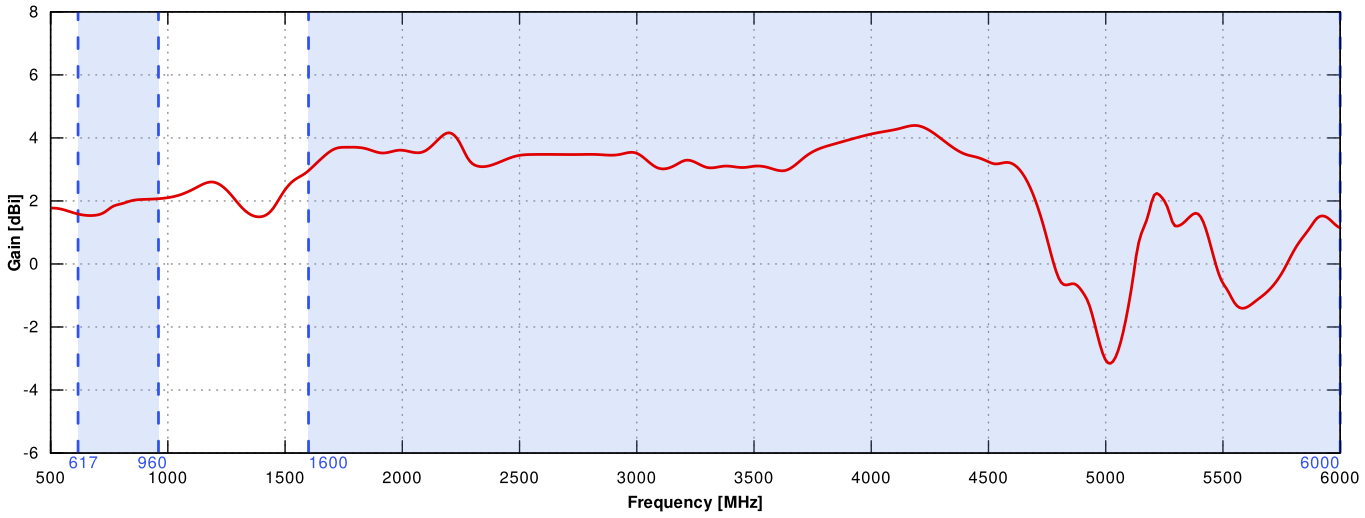


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VSWR for Wi-Fi antenna

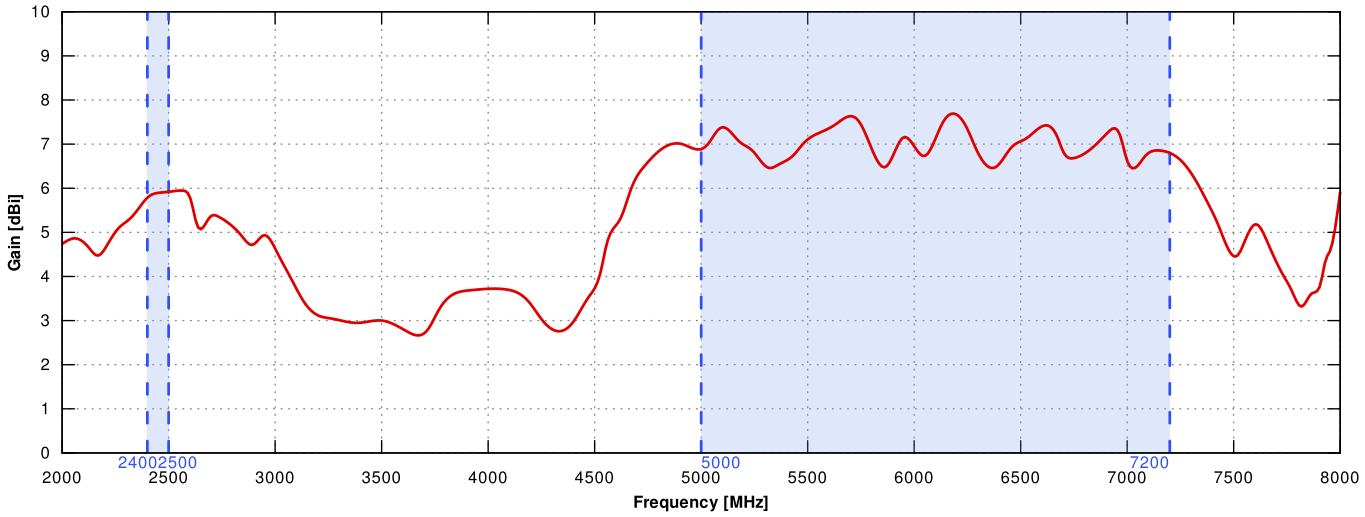


Gain for 5G/LTE antenna



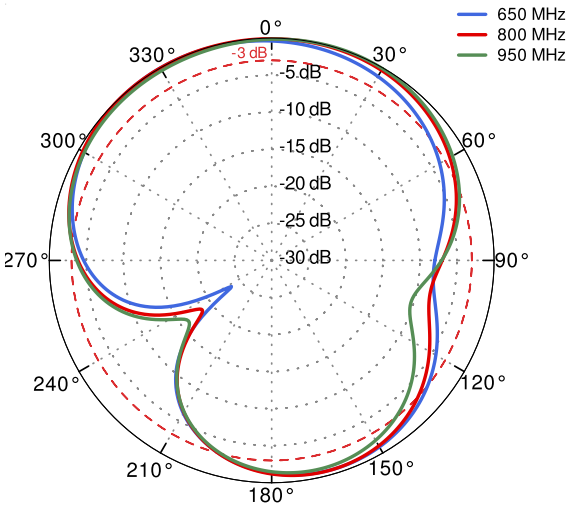
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Gain for Wi-Fi antenna

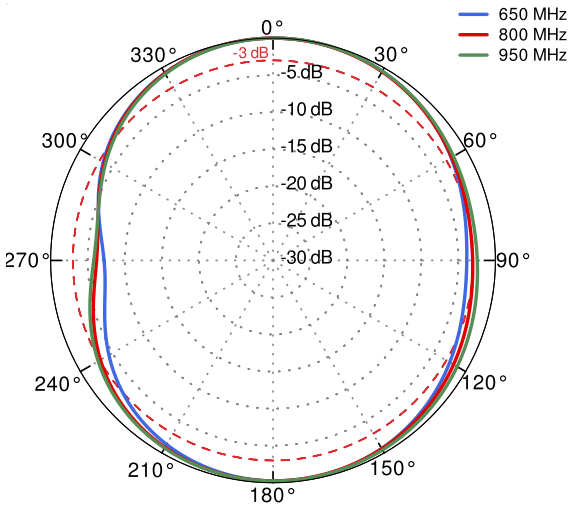


5G/LTE From 650MHz to 950MHz

ELEVATION



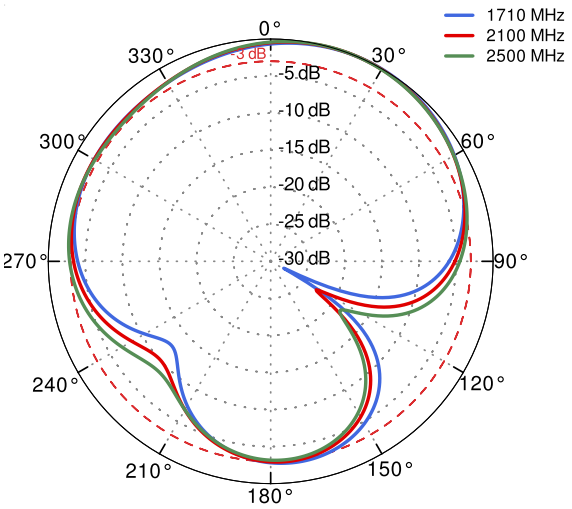
AZIMUTH



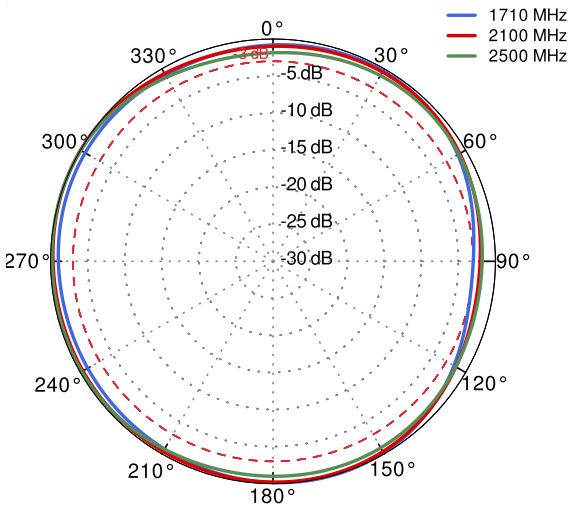
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5G/LTE From 1710MHz to 2500MHz

ELEVATION

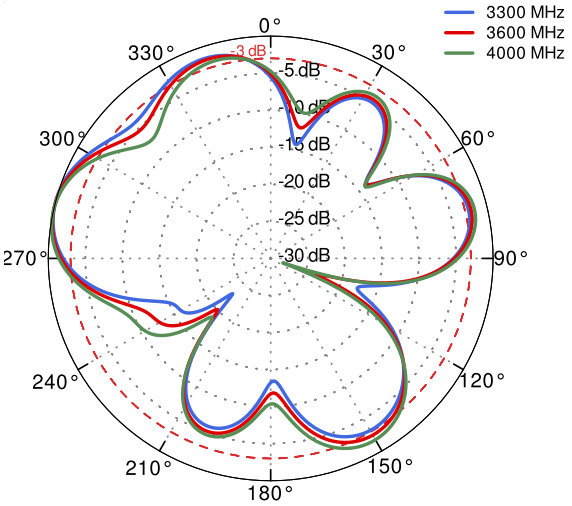


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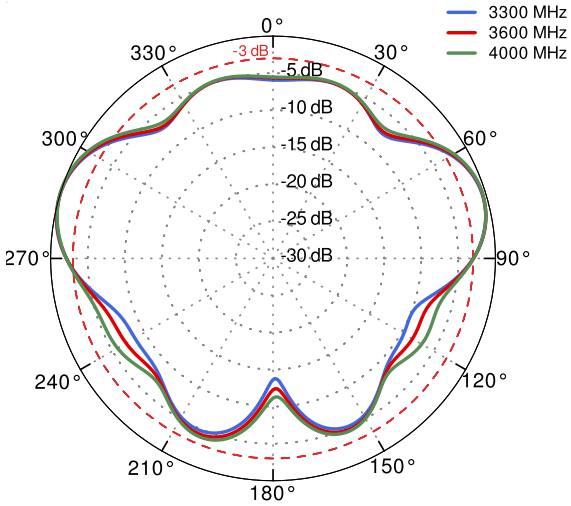


5G/LTE From 3300MHz to 4000MHz

ELEVATION



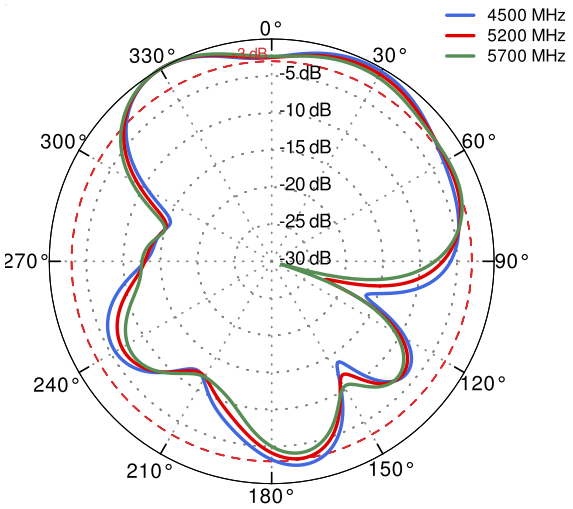
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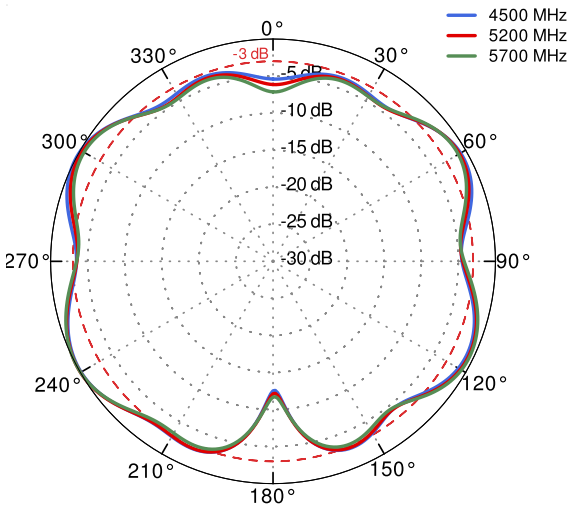
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5G/LTE From 4500MHz to 5500MHz

ELEVATION

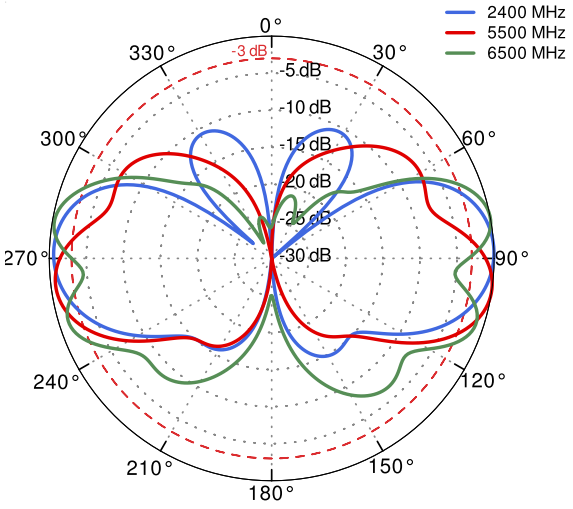


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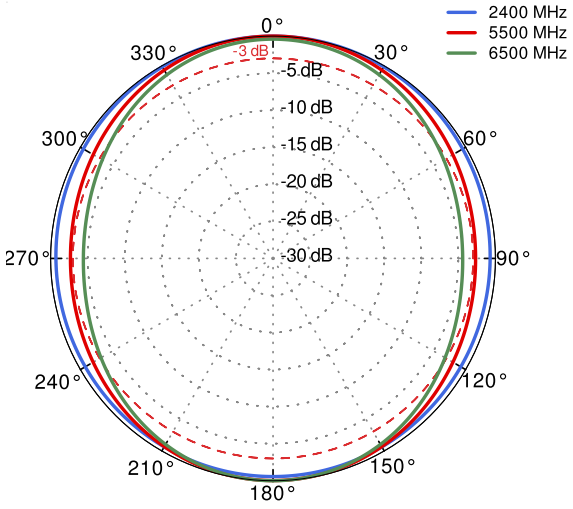


Wi-Fi 2.4GHz and 6.5GHz

ELEVATION

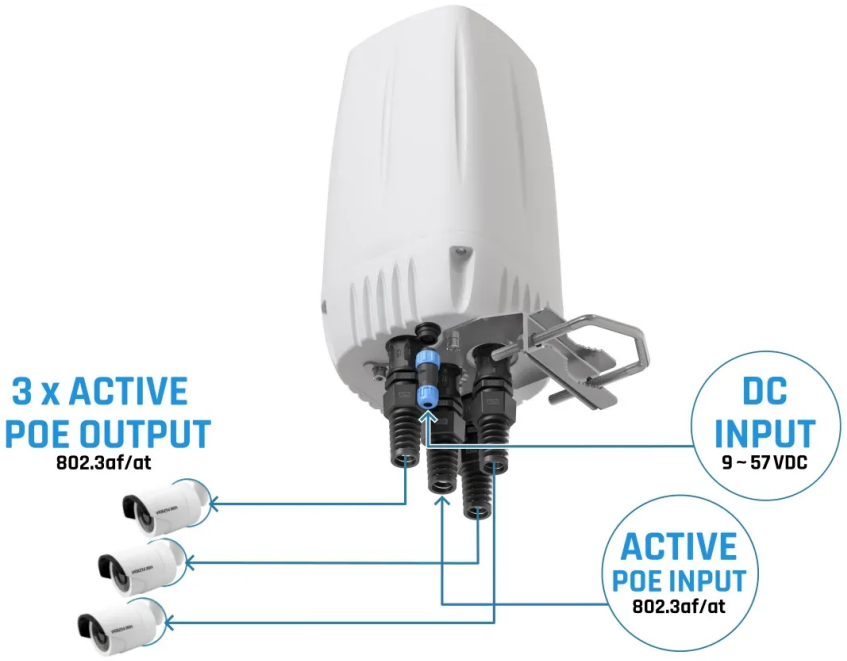


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PORTS



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