

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
600-6350MHz
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	0.6 - 1.4 GHz 1.5 - 3.0 GHz 3.0 - 5.0 GHz 5.0 - 6.35 GHz
MAX. GAIN	0.6 - 1.4 GHz : 2.6 dBi 1.5 - 3.0 GHz : 4.2 dBi 3.0 - 5.0 GHz : 4.4 dBi 5.0 - 6.35 GHz : 2.1 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 24, 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, 107, 111, 252, 253, 254, 255, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, 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, n105, n106, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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

MECHANICAL SPECIFICATION

MATERIALS	ABS, 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

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

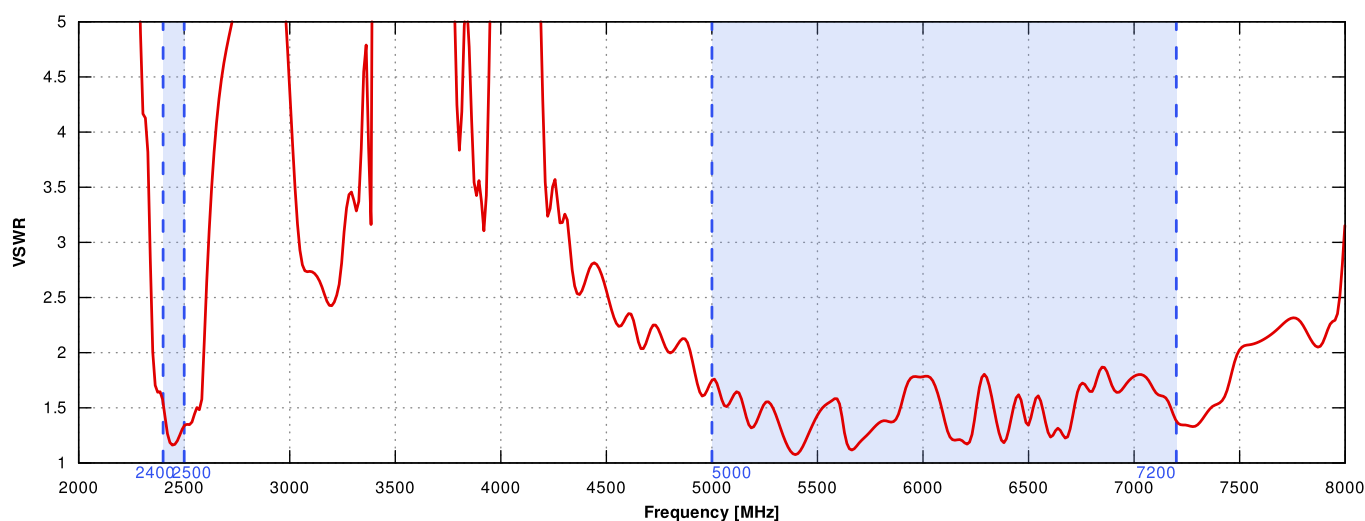
2300 MHz	30	40					2400 MHz
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5G / LTE

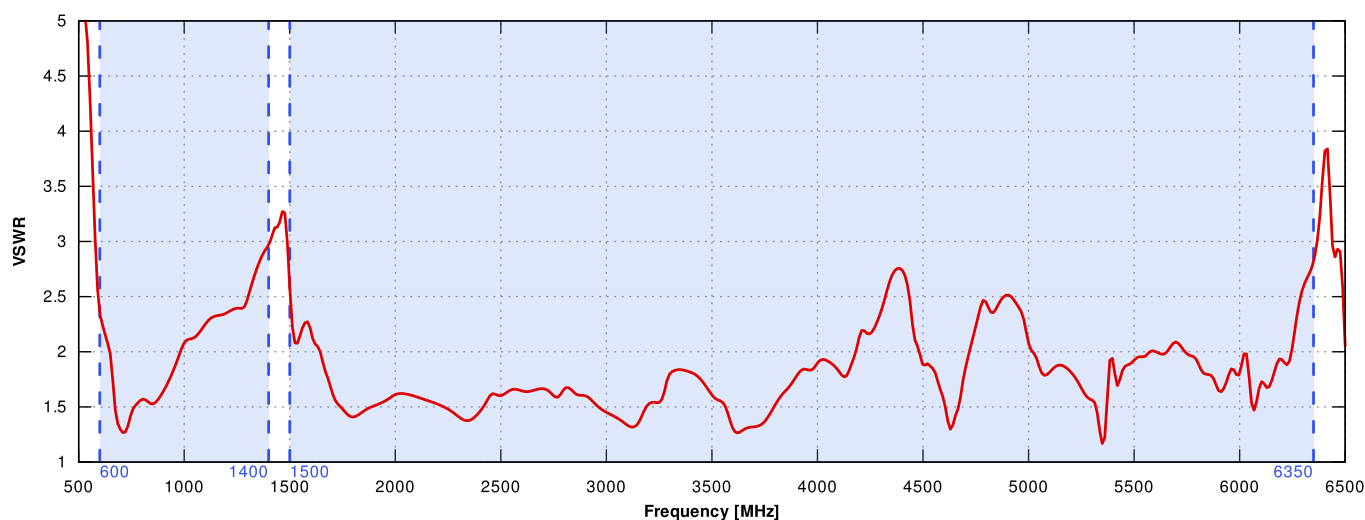
2400 MHz	7	38	41	53	69	n90	2700 MHz
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PLOTS

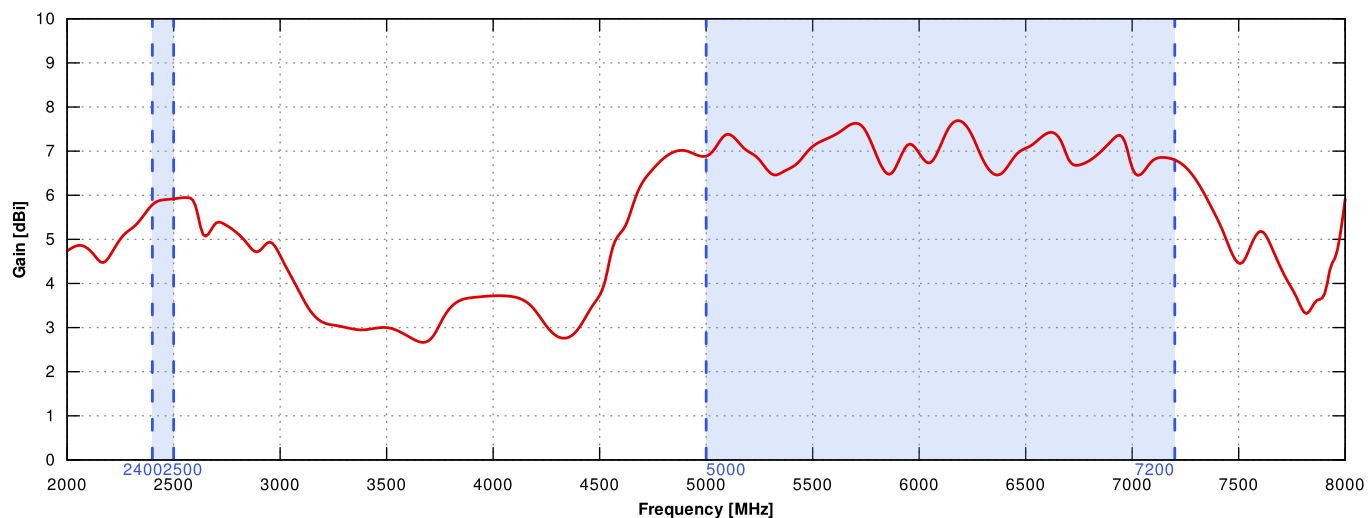
VSWR for Wi-Fi antenna



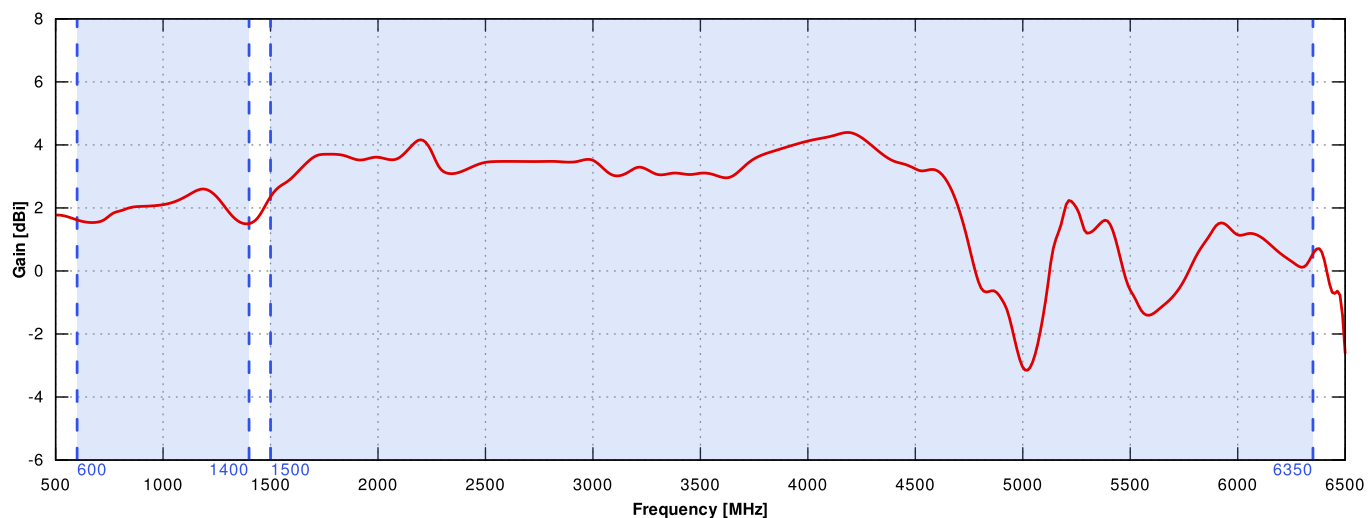
VSWS for 5G/LTE antenna



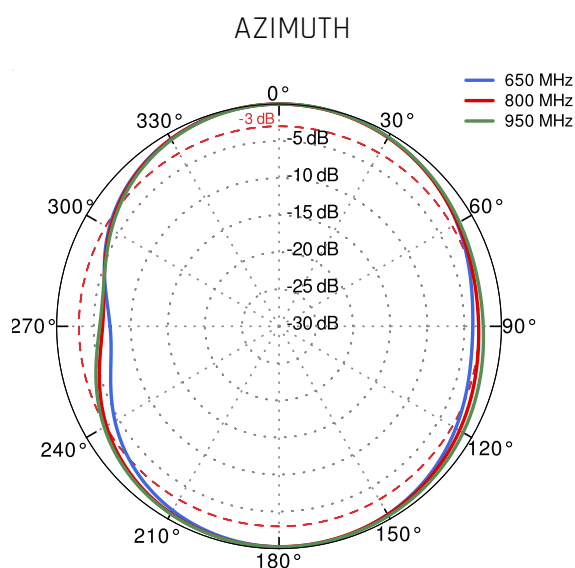
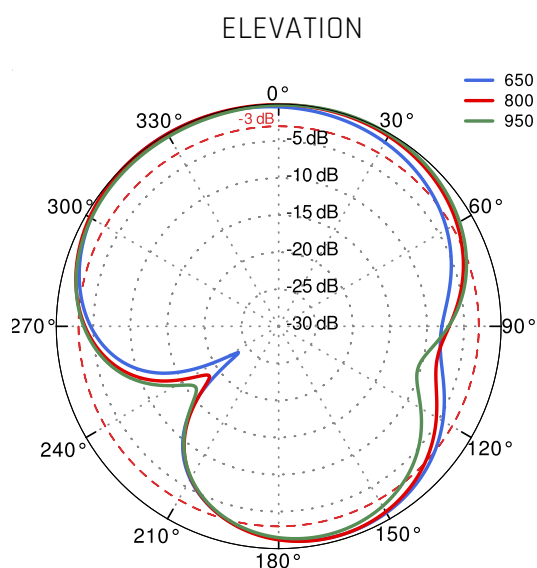
Gain for Wi-Fi antenna



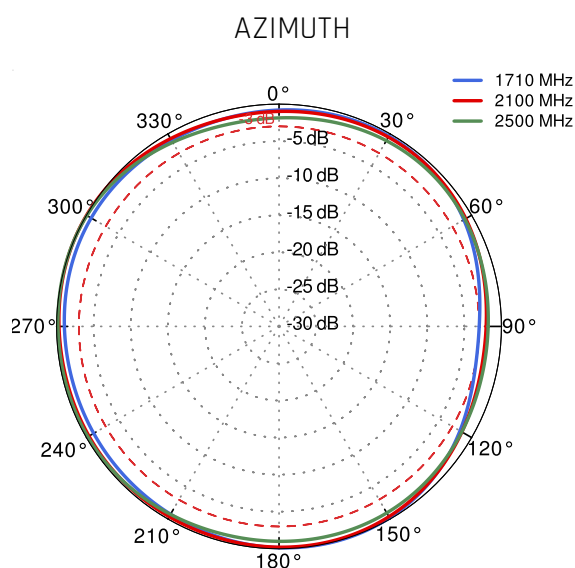
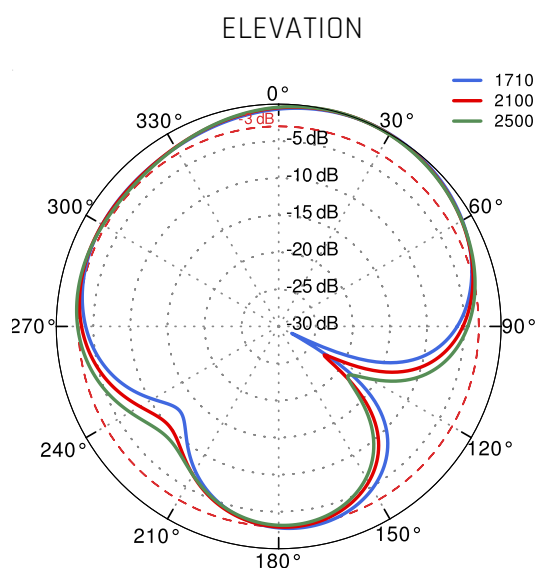
Gain for 5G/LTE antenna



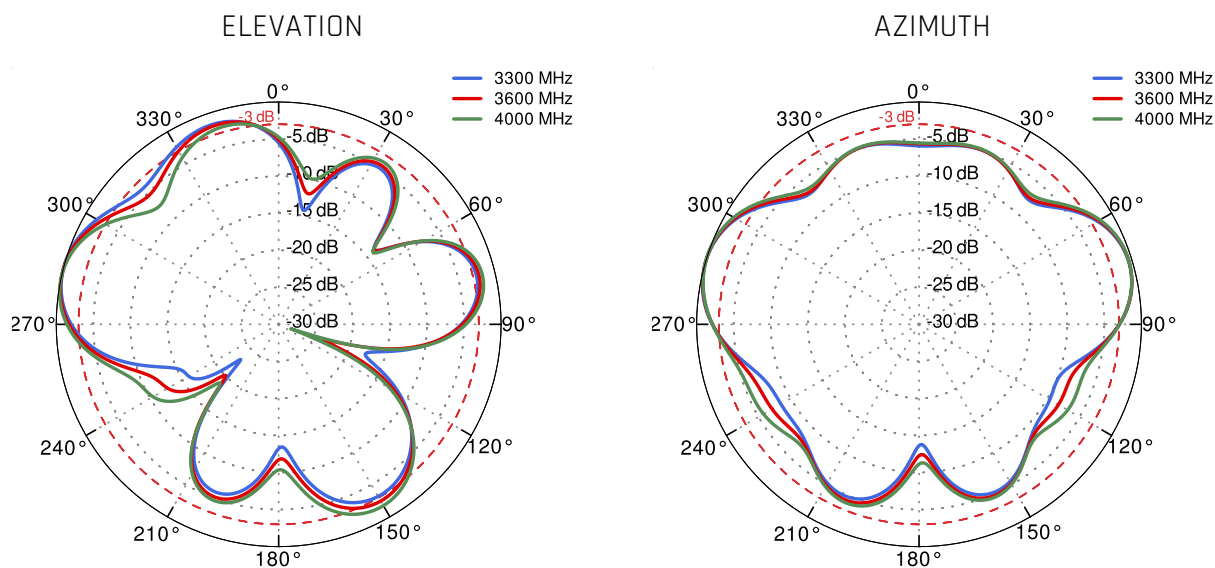
5G/LTE from 650MHz to 950MHz



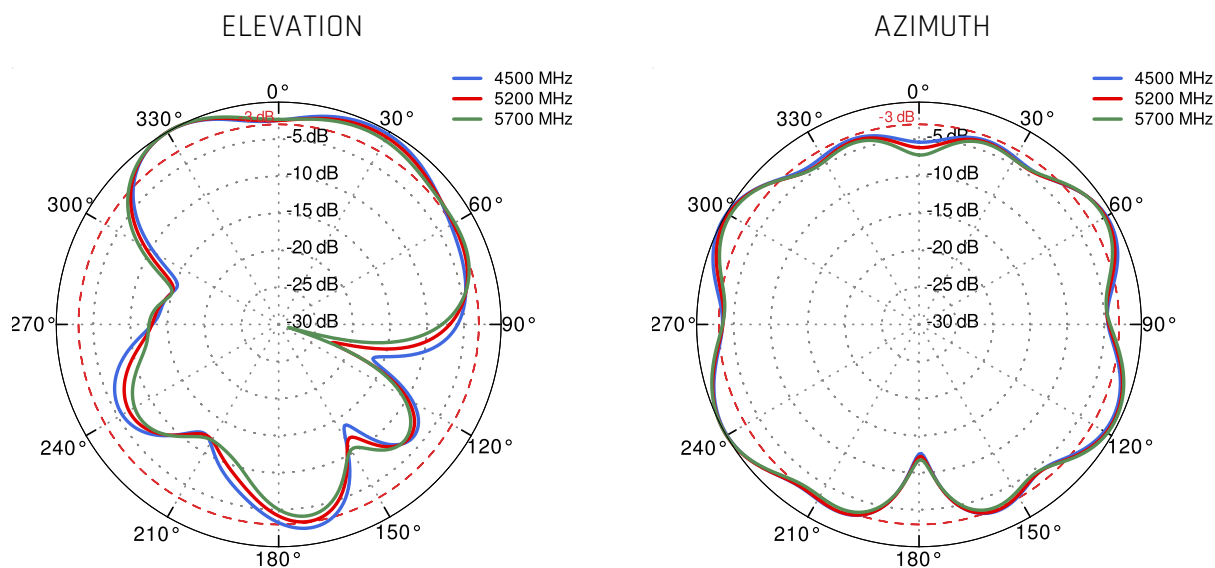
5G/LTE from 1.71GHz to 2.5GHz



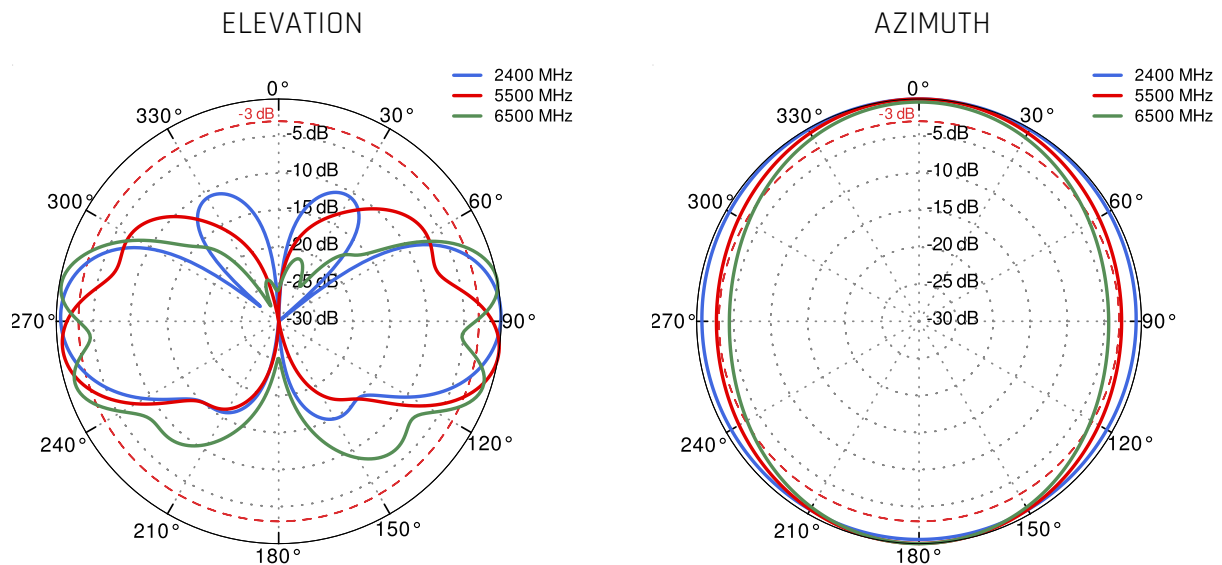
5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



Wi-Fi 2.4GHz and 5GHz



DIMENSIONS

