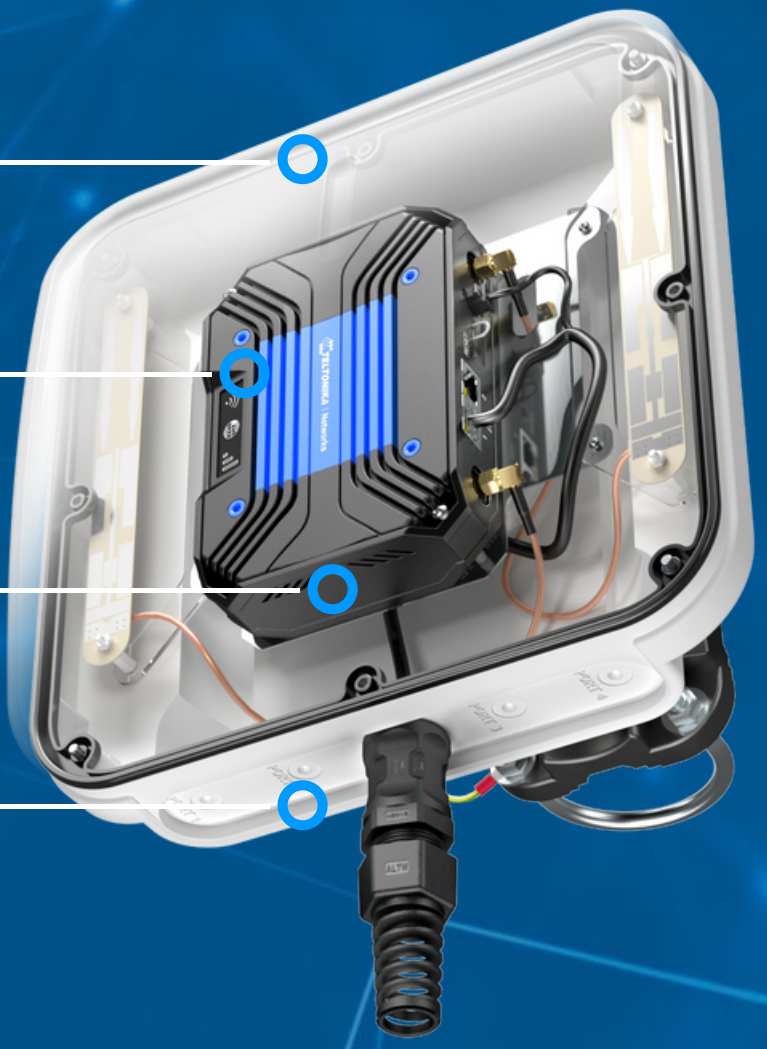
QuMax Omni for Teltonika TCR100

INTEGRATED MULTI-BAND LTE OMNI ANTENNA + PLACE TO INSTALL Teltonika TCR100 (ALL-IN-ONE)

QuMax Omni all-in-one antenna for Teltonika TCR100 router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni LTE antenna. If you use TCR100 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.



- OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP68
- ANTENNA PERFECTLY MATCHED WITH THE TELTONIKA TCR100
- ALL ANTENNAS AND TELTONIKA ROUTER INTEGRATED IN ONE ENCLOSURE
- MADE IN **EUROPE**



LTE SPECIFICATION

FREQUENCY	0.694-0.96 GHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n95
GAIN	0.694 - 0.96 GHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.5 - 2.7 GHz : 6 dBi
VSWR	<1.50, max <2.50
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
MATERIAL	aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP68
CONNECTOR TYPE	RJ45
DIMENSIONS	272 x 276 x 80 mm 10.71 x 10.87 x 3.14 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.6 - 0.8 Nm

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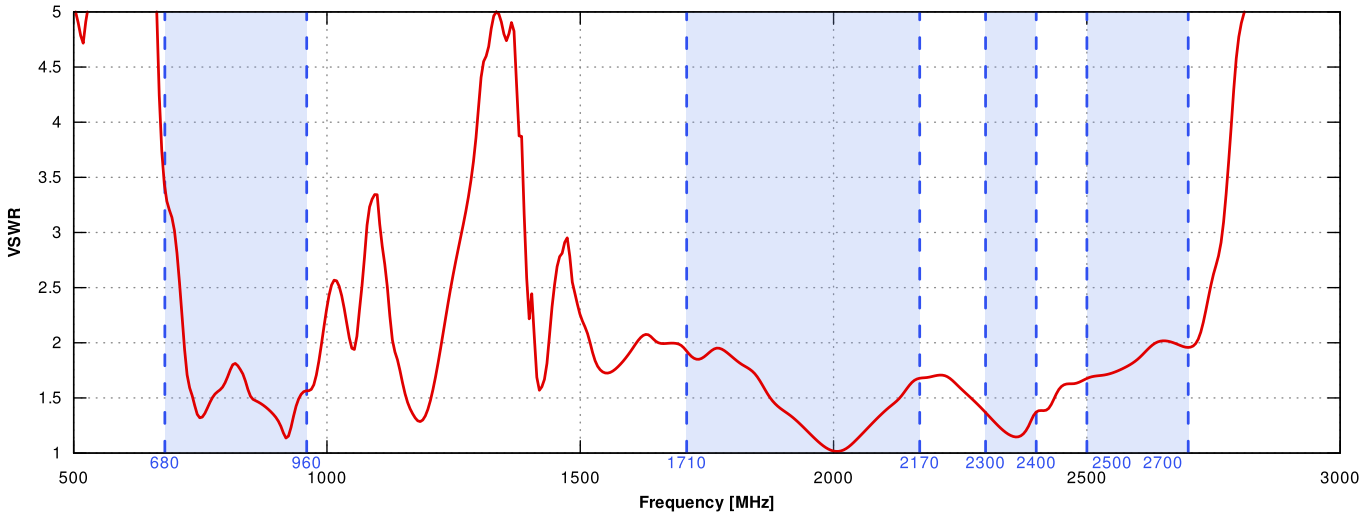
MOUNTING KIT

DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
WEIGHT	0.87kg
MOUNTING PLACE	Wall or mast or ceiling

PLOTS

VSWR



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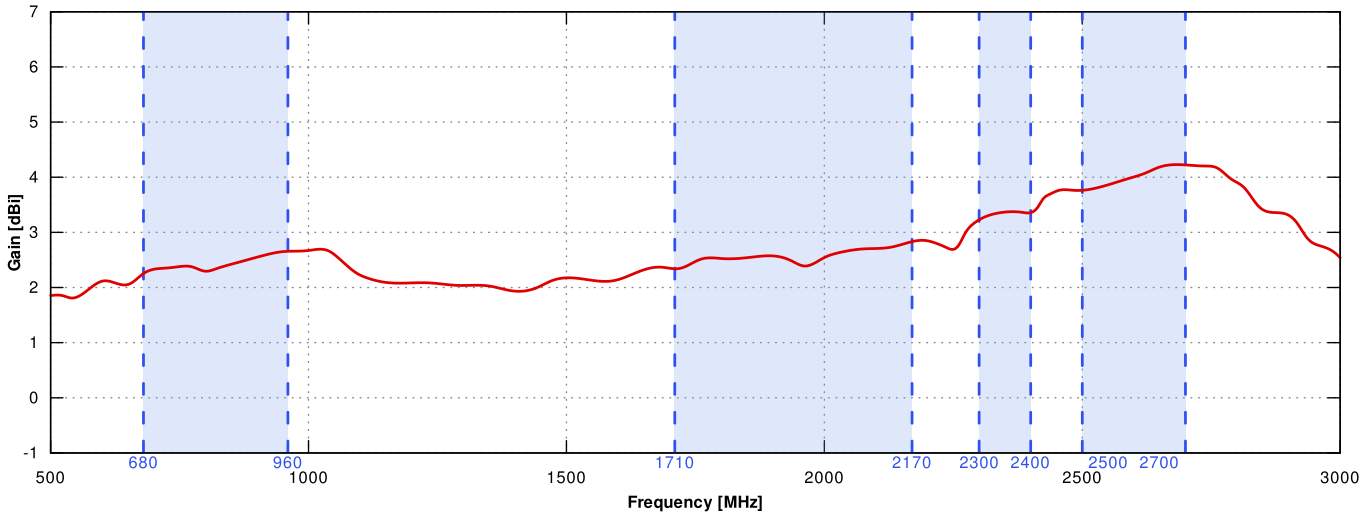
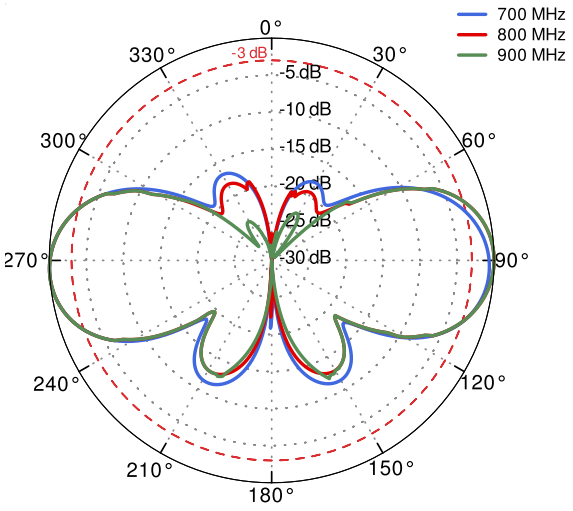
Gain

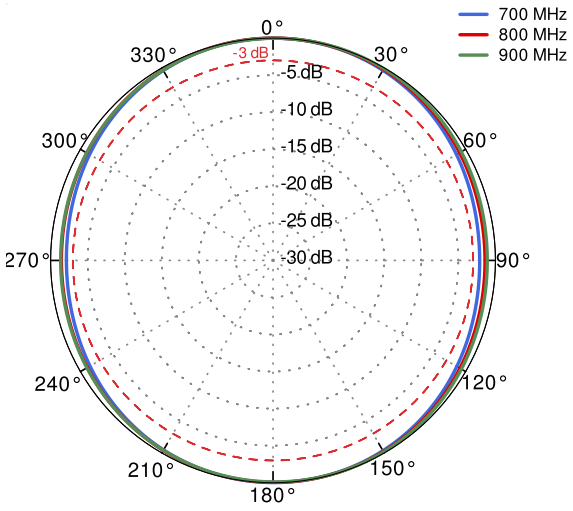


From 700MHz to 900MHz

ELEVATION



AZIMUTH



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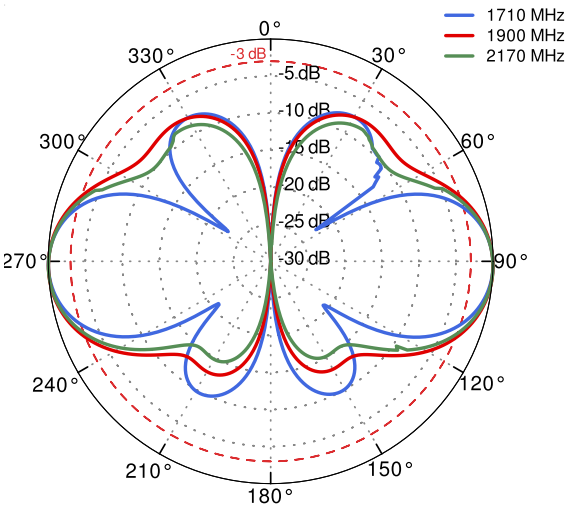
From 1.71GHz to 2.17GHz

ELEVATION



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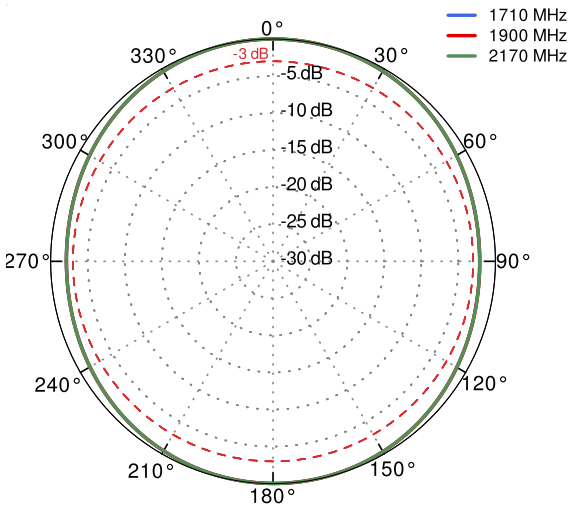
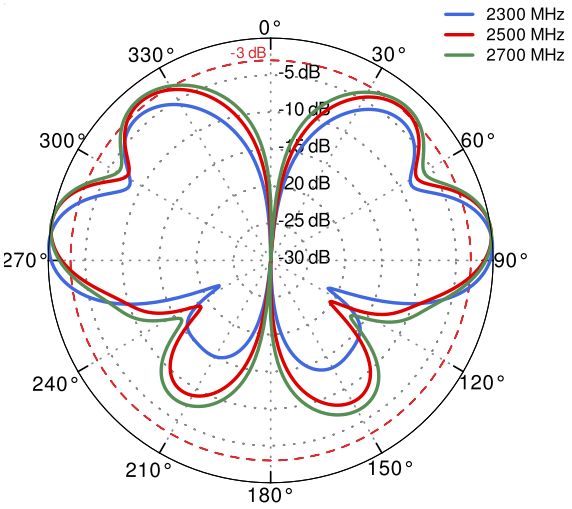


From 2.3GHz to 2.7GHz

ELEVATION



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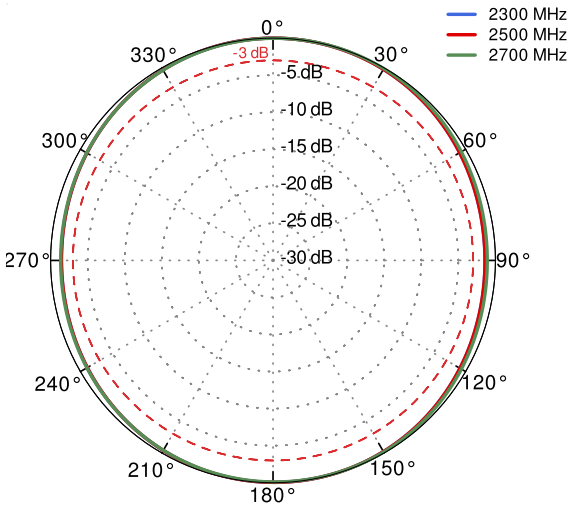

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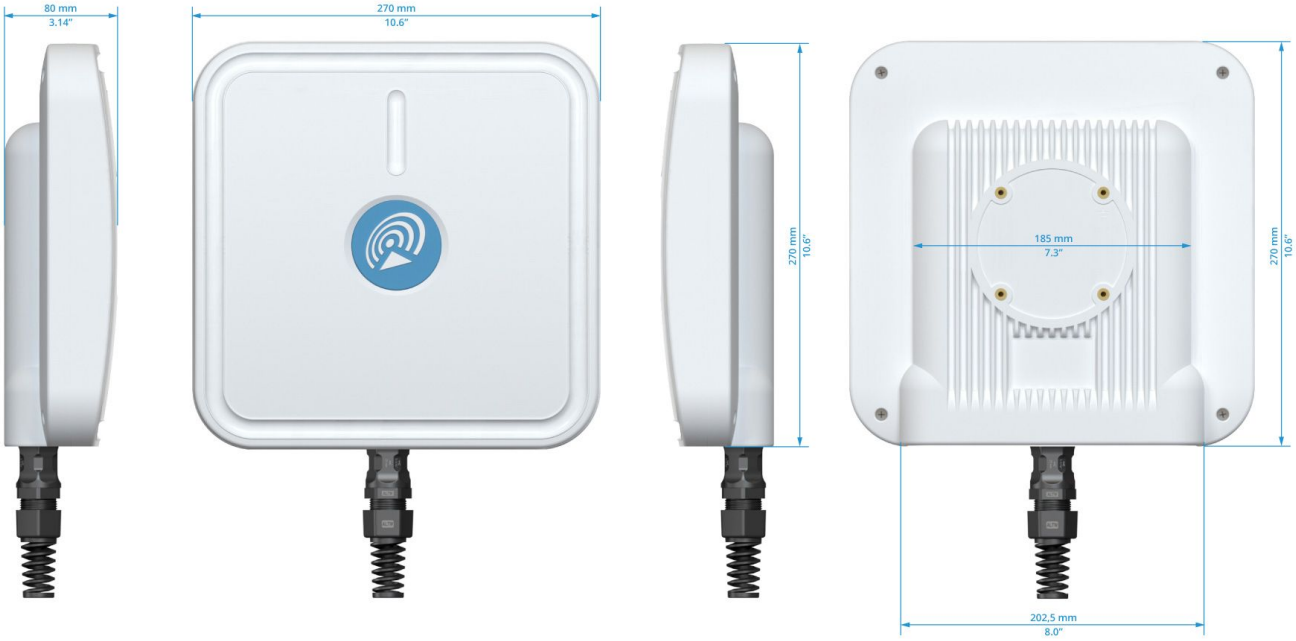
DIMENSIONS



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