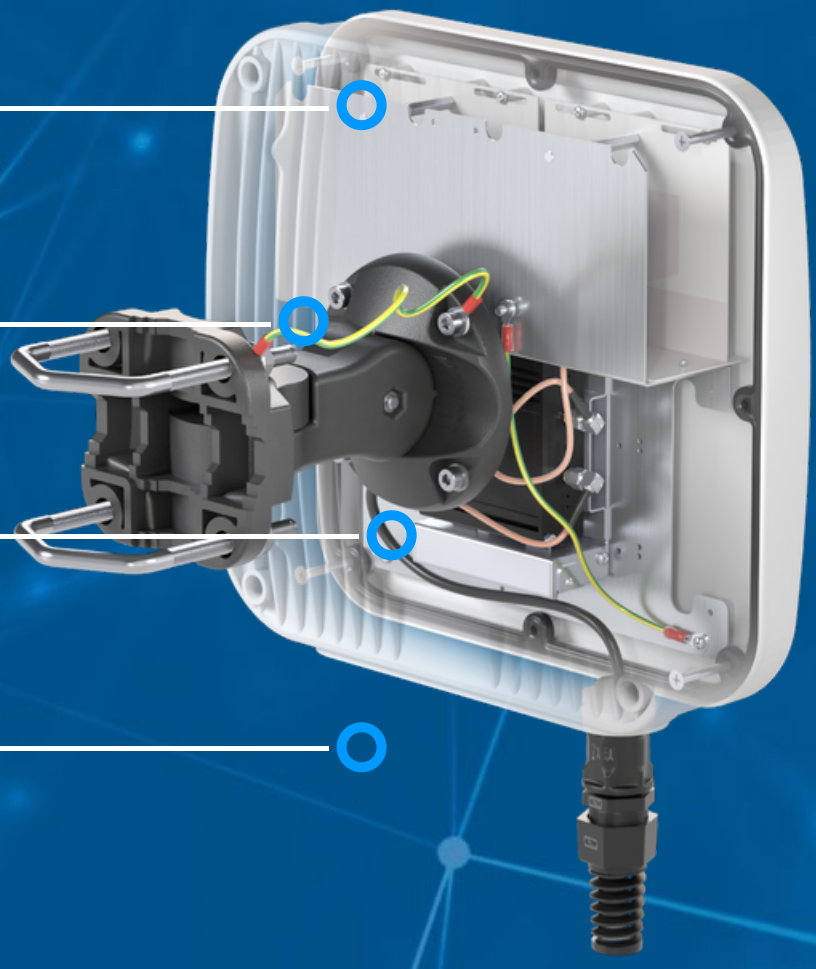
QuMax for Teltonika TRB160

Integrated outdoor multi-band high power LTE directional antenna + place to install Teltonika TRB160 (All-in-one)

QuMAX offers the most powerful directional LTE antenna of all QuWireless antennas. It is dedicated to connections with long distance to base station. It is designed to have Teltonika **TRB160** router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment.

4G LTE | 694-2700MHz | 6 dBi | DIRECTIONAL | IP 67 | -40° TO +80°

- ALL ANTENNAS AND TELTONIKA ROUTER INTEGRATED **IN ONE ENCLOSURE**
- OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67
- ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER
- MADE IN **EUROPE**



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 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, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
GAIN	694 - 960 MHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.2 - 2.7 GHz : 6 dBi
FRONT-TO-BACK	>8 dB
VSWR	<1.30, max <1.80
BEAMWIDTH	90°/90° ±30°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x SMA

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MECHANICAL SPECIFICATION

RADOME MATERIAL	UV-resistant ASA
OPERATING HUMIDITY	up to 100% RH
MATERIALS	aluminum, PTFE, Fiberglass
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP67
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
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	0.6 - 0.8 Nm
MAST DIAMETER	25-66mm 0.98-2.60 inch

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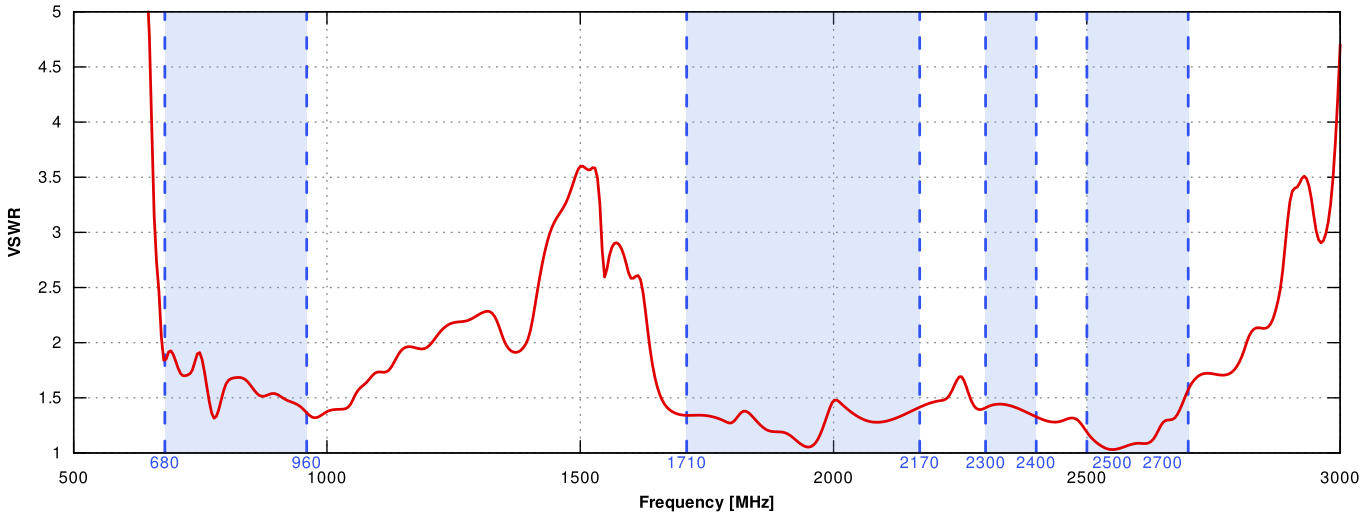
FREQUENCY BANDS

LTE / 4G 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							
LTE / 4G UMTS	1710 MHz	1	2	3	4	9	10	25	2170 MHz
		33	34	35	36	37	39	59	
		62	n80	n84	n86	n95			
LTE / 4G WCS DARS	2300 MHz	30	40						2400 MHz
LTE / 4G	2400 MHz	7	38	41	53	69	n90		2700 MHz

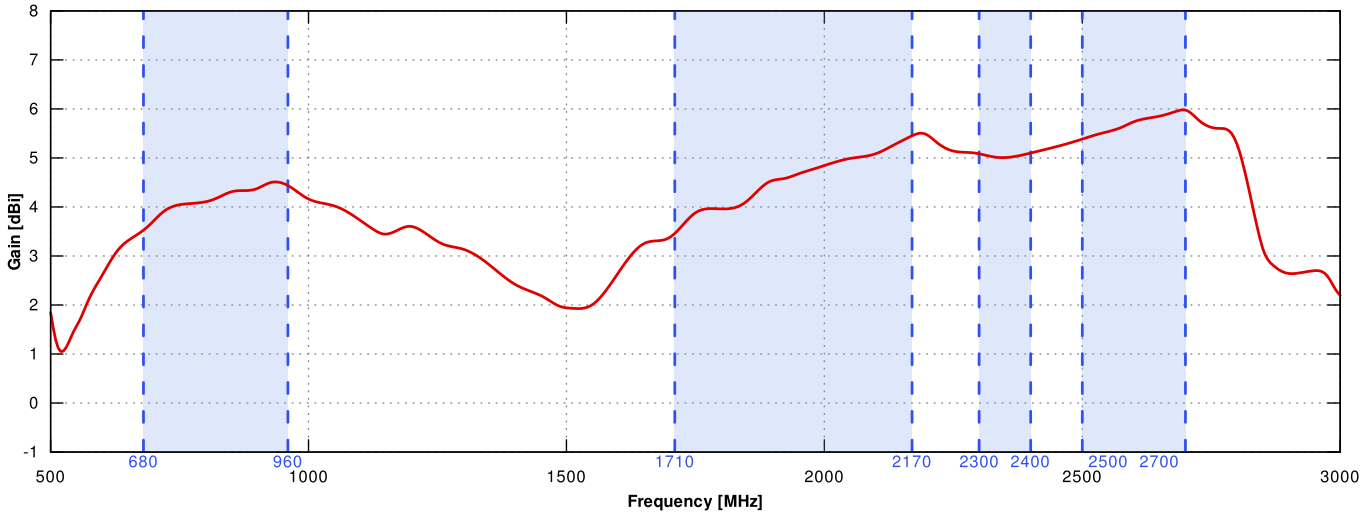
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PLOTS

VSWR for LTE antenna



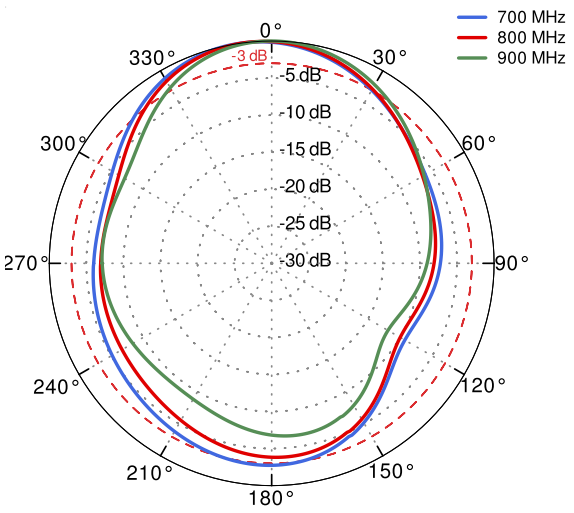
Gain for LTE antenna



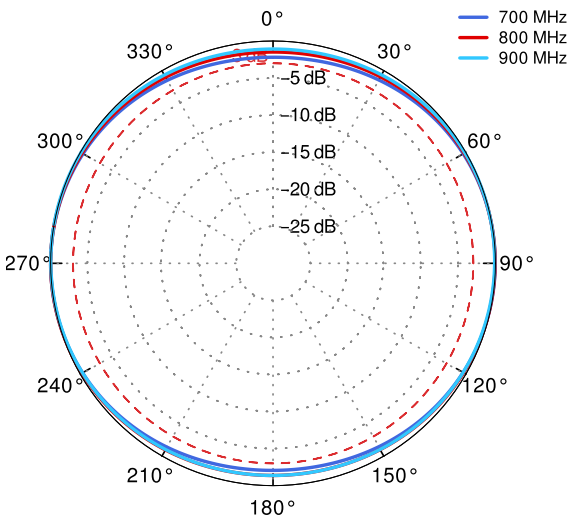
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LTE from 700MHz to 900MHz

ELEVATION

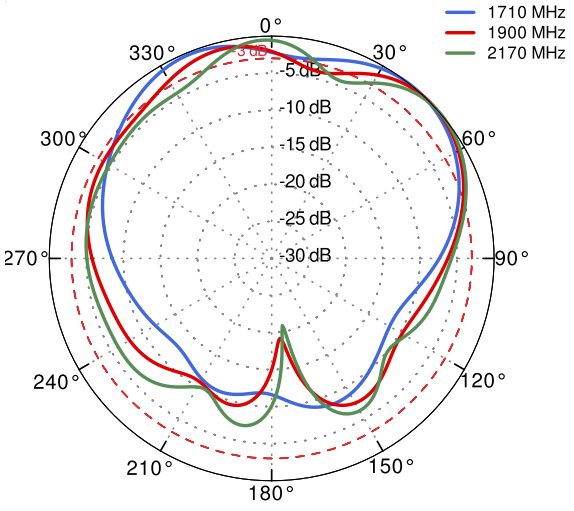


AZIMUTH

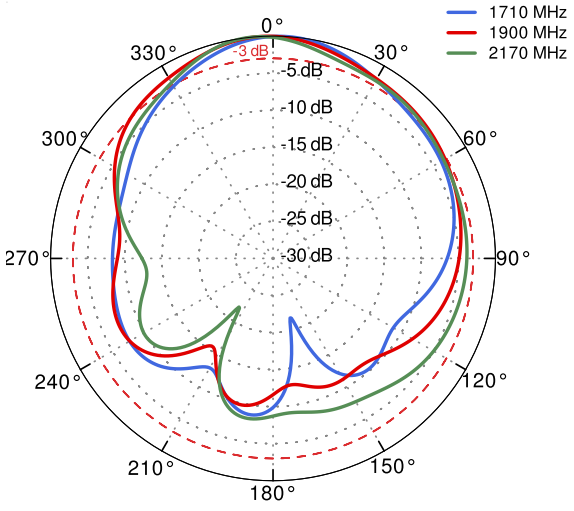


LTE from 1.71GHz to 2.17GHz

ELEVATION



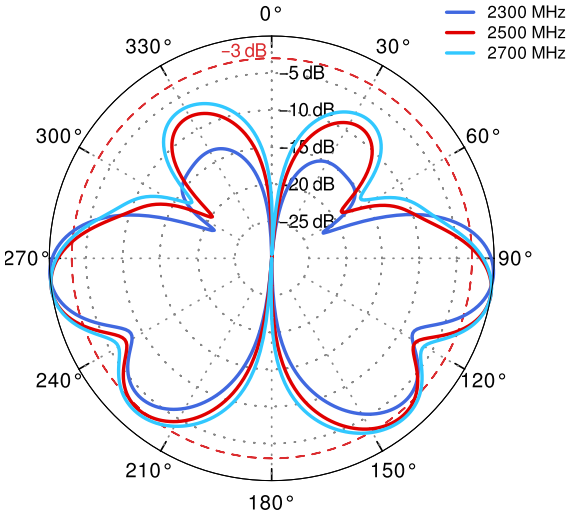
AZIMUTH



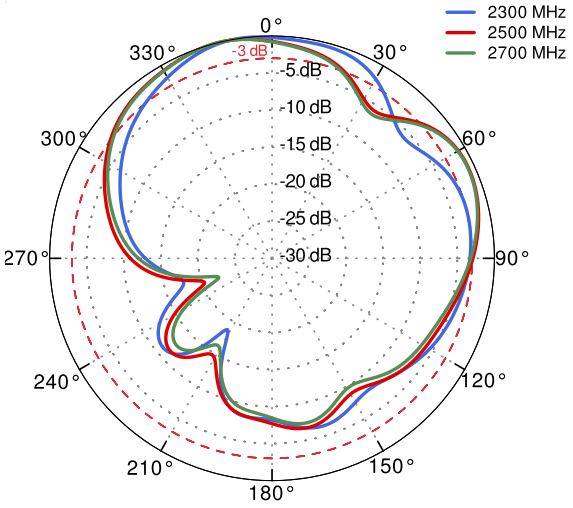
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LTE from 2.3GHz to 2.7GHz

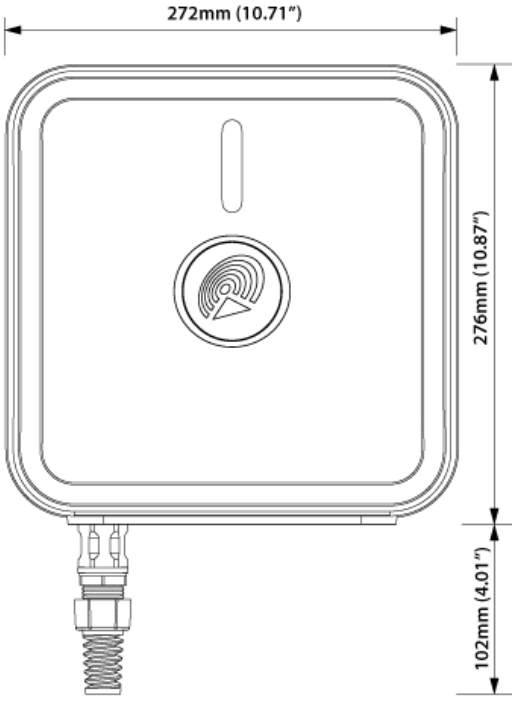
ELEVATION

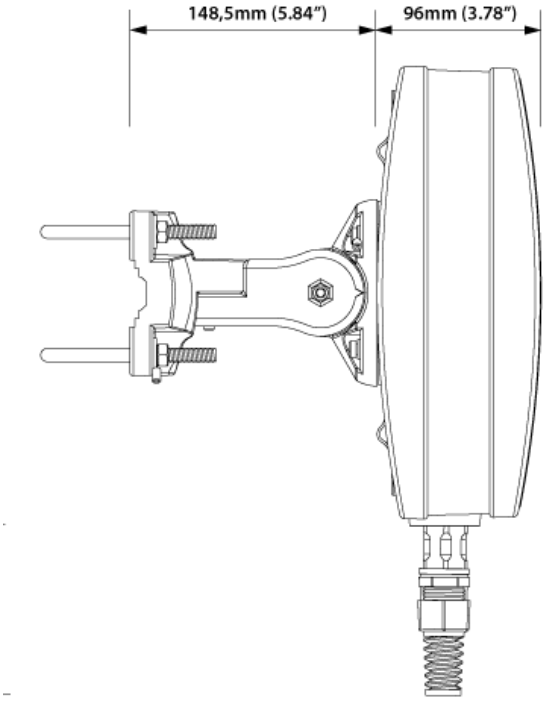


AZIMUTH

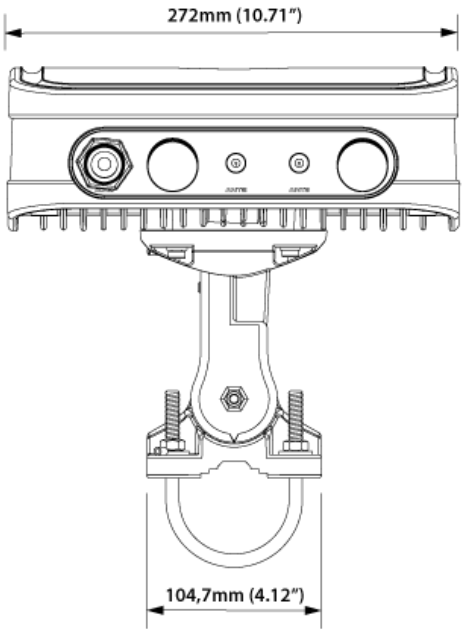


DIMENSIONS





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