

QuMax for Teltonika RUTX09

Integrated outdoor multi-band high power LTE directional antenna + GPS antenna + place to install Teltonika RUTX09 (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 **RUTX09** router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment. **It has embedded also GPS antenna.**

4G
LTE **GPS**
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

MECHANICAL SPECIFICATION

MATERIALS	ABS, 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
MAST DIAMETER	25-60mm 0.98-2.36 inch

FREQUENCY BANDS

LTE / 4G GSM	5 18 44 n89	6 19 67	8 20 68	12 26 85	13 27 n81	14 28 n82	17 29 n83	960 MHz
LTE / 4G UMTS	1 33 62	2 34 n80	3 35 n84	4 36 n86	9 37 n95	10 39	25 59	2170 MHz

LTE / 4G WCS DARS

2300
MHz

30

40

2400
MHz

LTE / 4G

2400
MHz

7

38

41

53

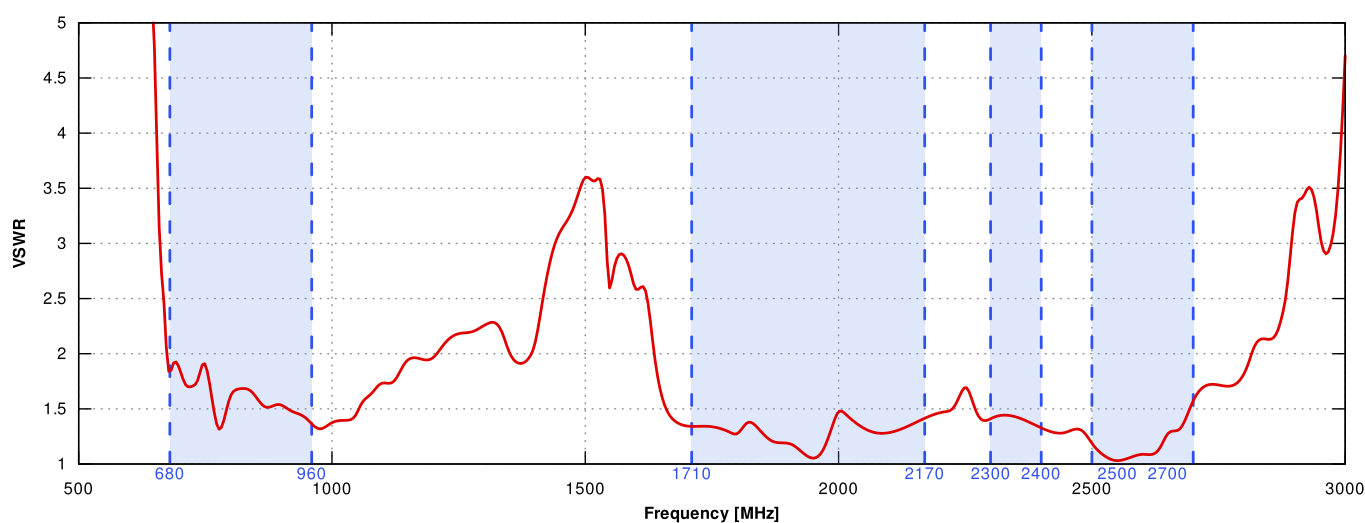
69

n90

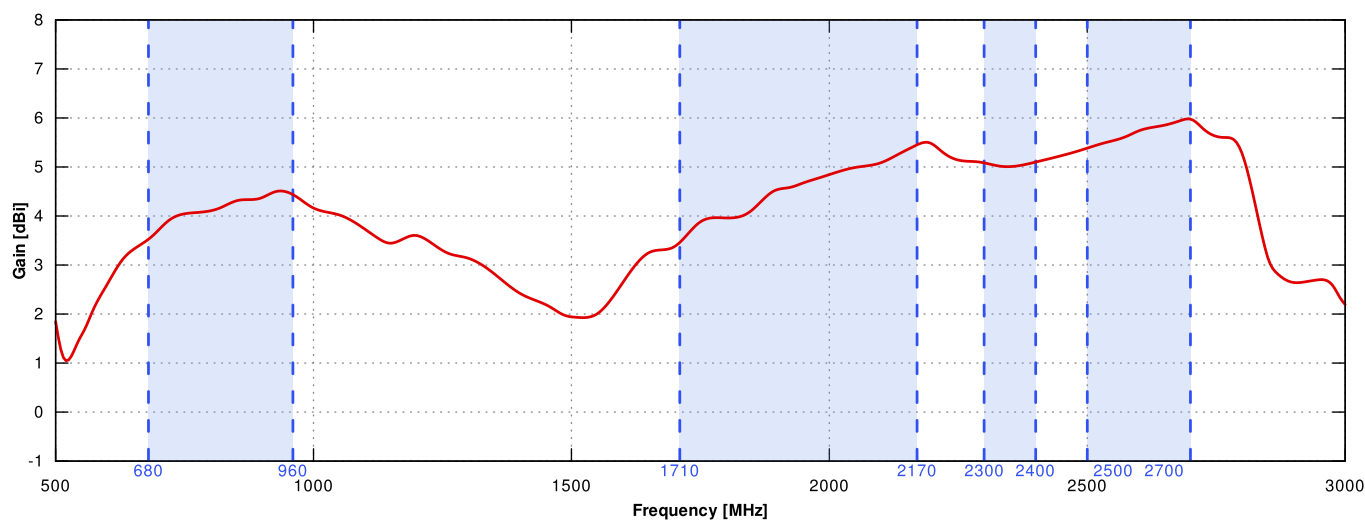
2700
MHz

PLOTS

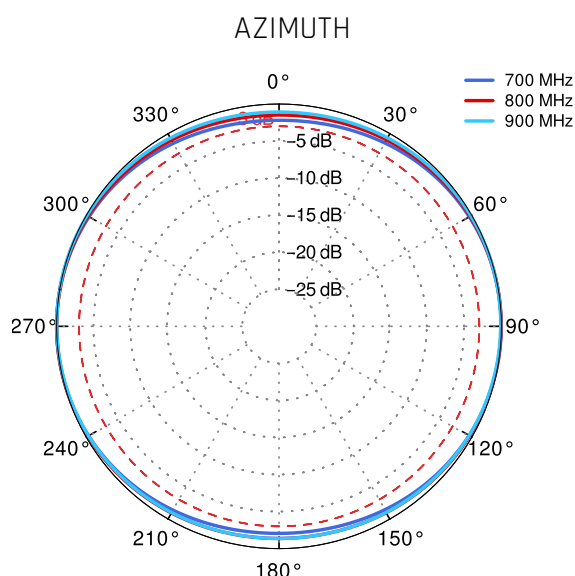
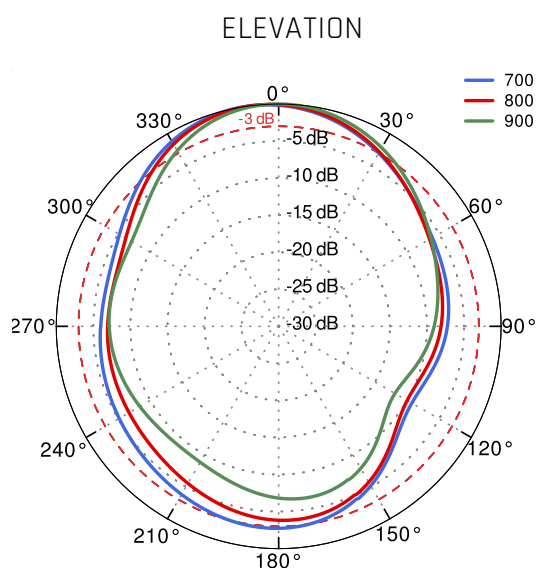
VSWR for LTE antenna



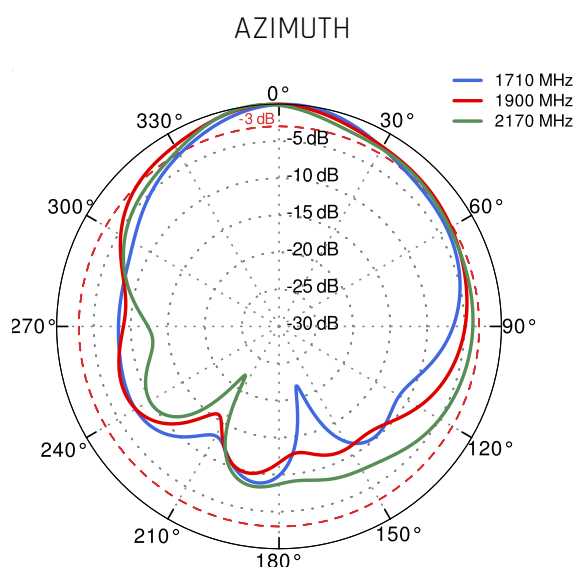
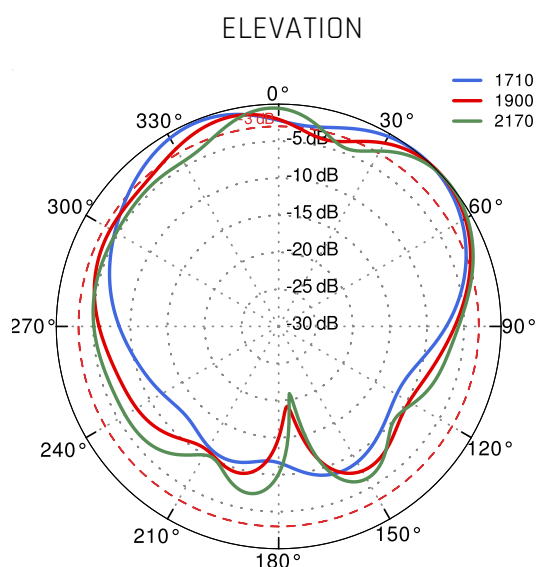
Gain for LTE antenna



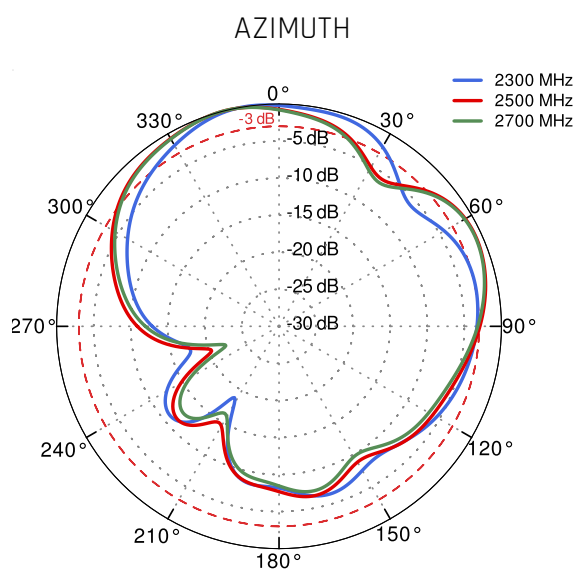
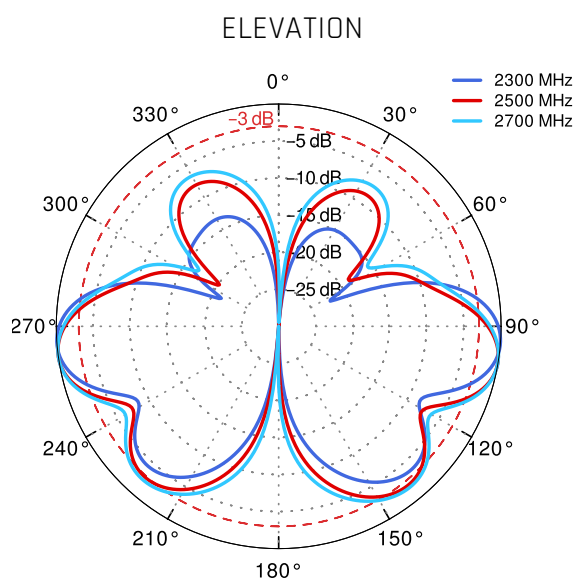
LTE from 700MHz to 900MHz



LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



DIMENSIONS

