

QuSpot for Teltonika RUTX12/RUTX14

Integrated multi-band LTE omni antenna + WiFi omni antenna + GPS antenna + Bluetooth antenna + place to install Teltonika RUTX12/RUTX14 (All-in-one)

QuSpot omni LTE antenna for Teltonika **RUTX12** or **RUTX14** 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 **RUTX12** or **RUTX14** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

4G
LTE**Wi Fi**
DUALBAND
2.4GHz
5GHz
BLUETOOTH **GPS**
694-2700MHz
7 dBi
OMNI
DIRECTIONAL
IP 67
-40° TO +80°

OUTDOOR ANTENNA WORKS IN **ANY**
WEATHER CONDITIONS, IP67



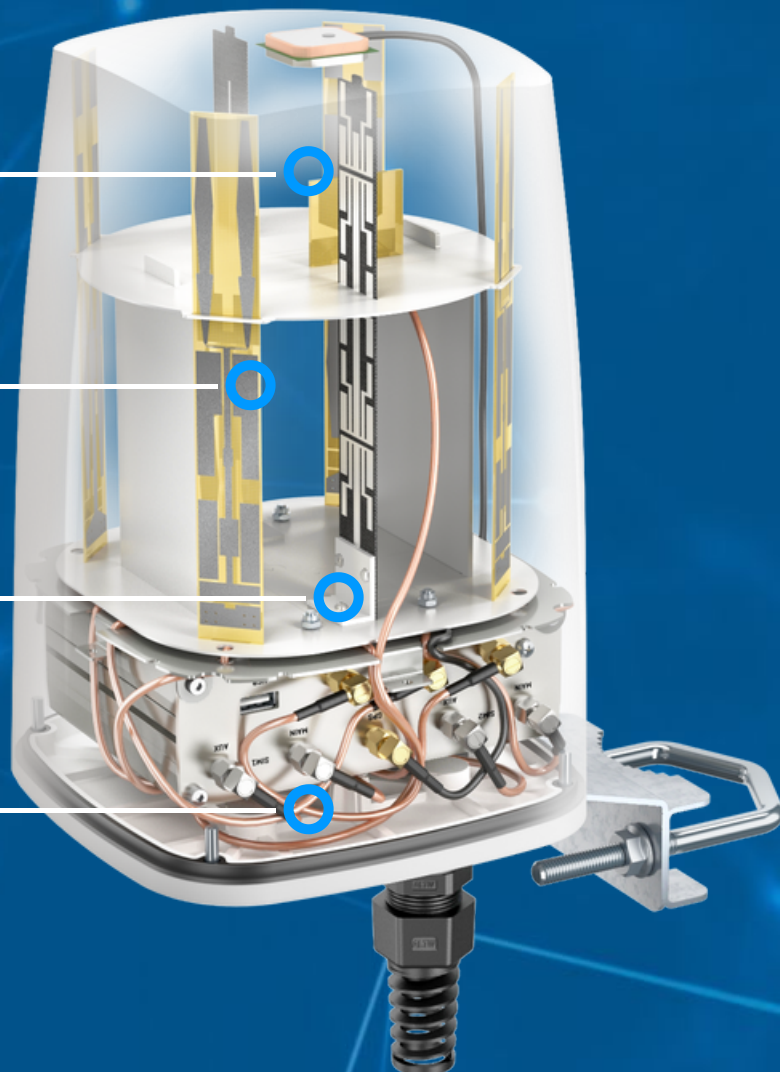
ANTENNA **PERFECTLY MATCHED** WITH
THE ROUTER



PASSIVE **POE** SUPPORT



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, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n95, n98, n100, n101, n256 |
| GAIN | 694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 3 dBi |
| VSWR | <1.50, max <2.50 |
| BEAMWIDTH | 360°/25° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

WI-FI ANTENNA SPECIFICATION

| | |
|--------------|--|
| FREQUENCY | 2.4 - 2.5 GHz 4.7 - 6 GHz |
| GAIN | 2.4 - 2.5 GHz : 6 dBi 4.7 - 6 GHz : 7 dBi |
| VSWR | <1.70, max <2.00 |
| BEAMWIDTH | 360°/25° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

BLUETOOTH ANTENNA SPECIFICATION

| | |
|--------------|------------------|
| FREQUENCY | 2.20 - 2.70 GHz |
| 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 | IP67 |
| 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 |
| MAST DIAMETER | 40-60 mm 1.57-2.36 inch |

FREQUENCY BANDS

LTE / 4G GSM

| | | | | | | | | |
|------------|----|----|----|-----|----|----|----|------------|
| | 5 | 8 | 12 | 13 | 14 | 17 | 18 | |
| 617 MHz | 19 | 20 | 26 | 27 | 28 | 29 | 44 | 960 MHz |
| | 67 | 68 | 85 | 103 | | | | |

LTE / 4G UMTS

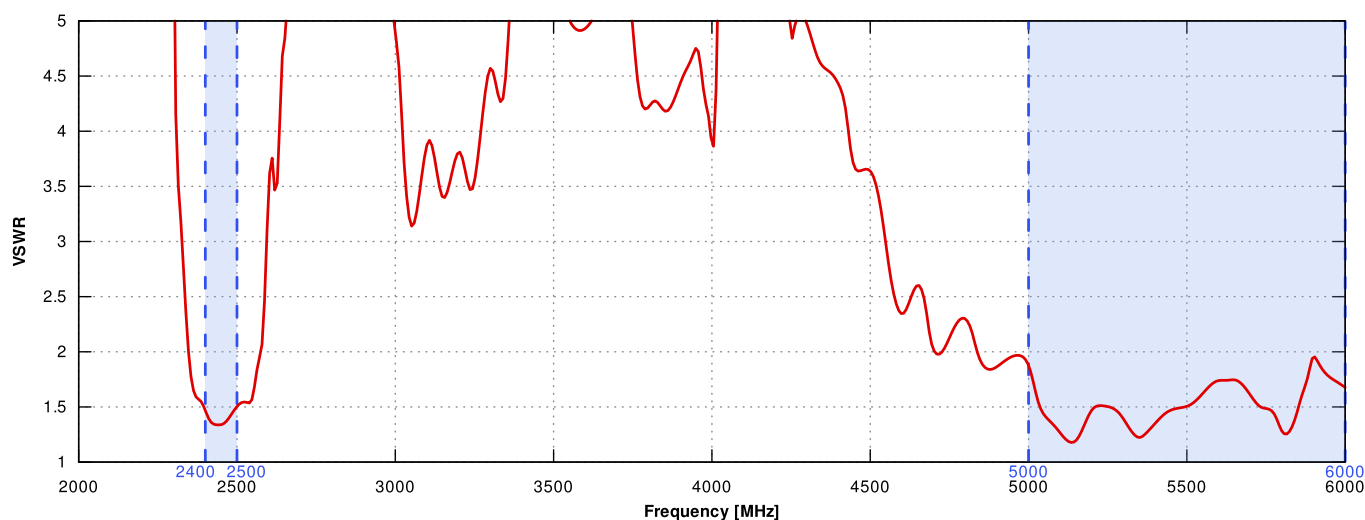
| | | | | | | | | |
|-------------|-----|-----|-----|-----|------|----|-----|-------------|
| | 1 | 2 | 3 | 4 | 9 | 10 | 25 | |
| 1710 MHz | 33 | 34 | 35 | 36 | 37 | 39 | n80 | 2170 MHz |
| | n84 | n86 | n95 | n98 | n101 | | | |

LTE / 4G

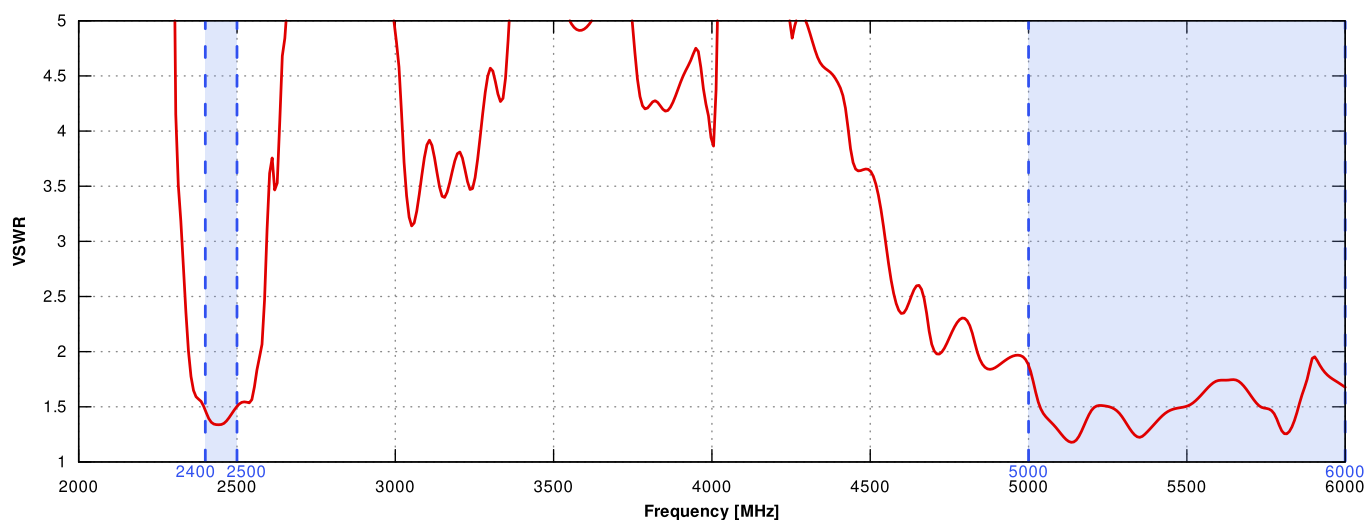
| | | | | | | | | |
|-------------|---|----|----|--|--|--|--|-------------|
| 2400 MHz | 7 | 38 | 69 | | | | | 2700 MHz |
|-------------|---|----|----|--|--|--|--|-------------|

PLOTS

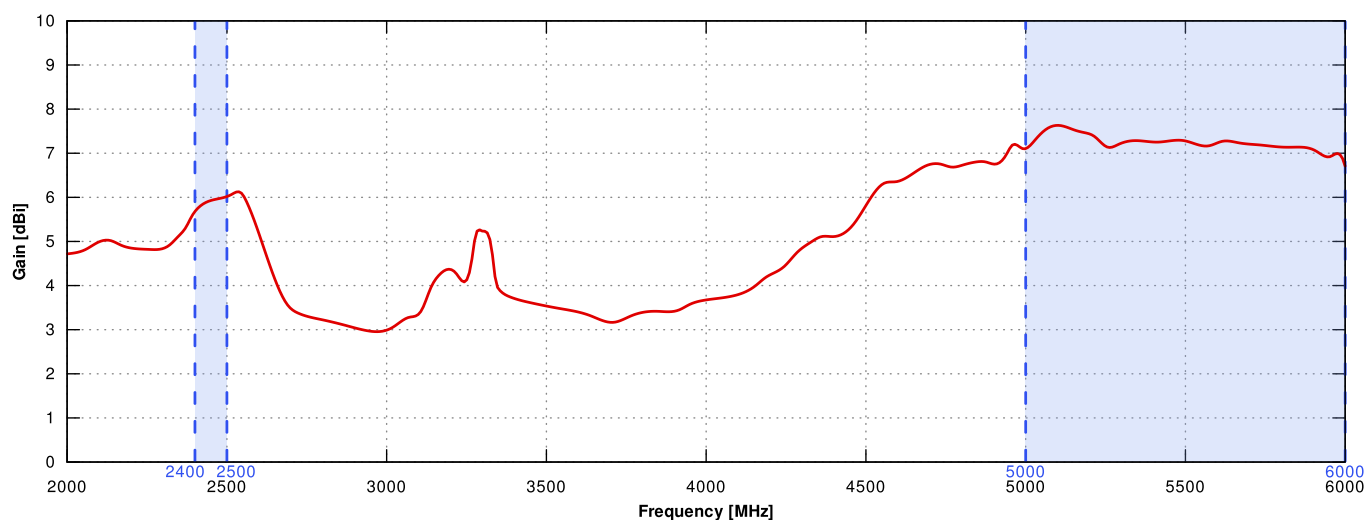
VSWR for Wi-Fi antenna



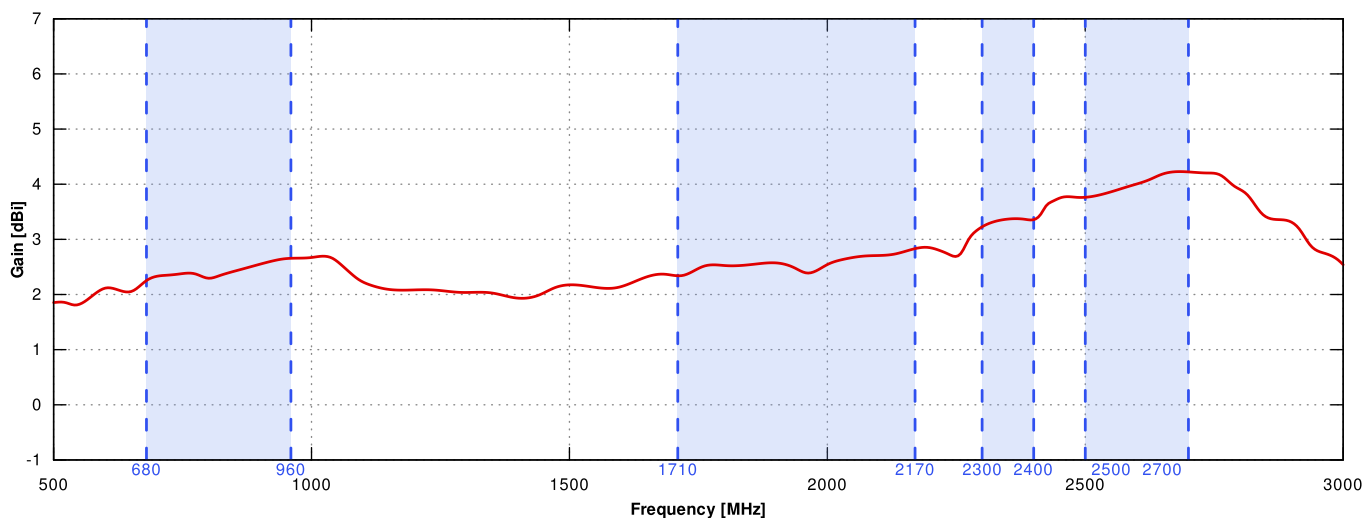
VSWR for LTE antenna



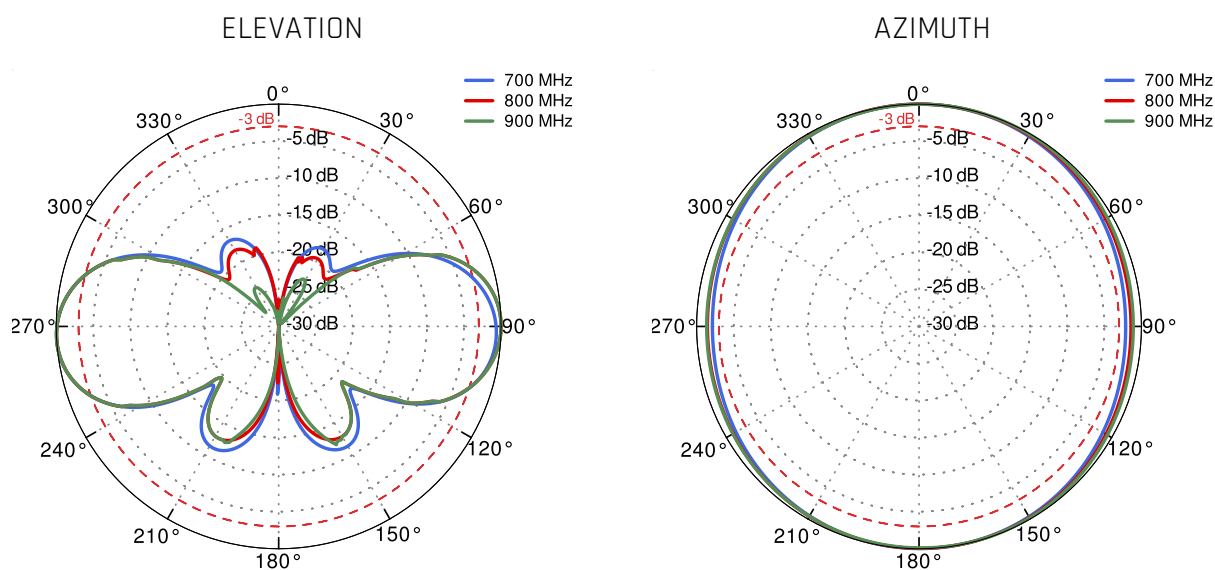
Gain for Wi-Fi antenna



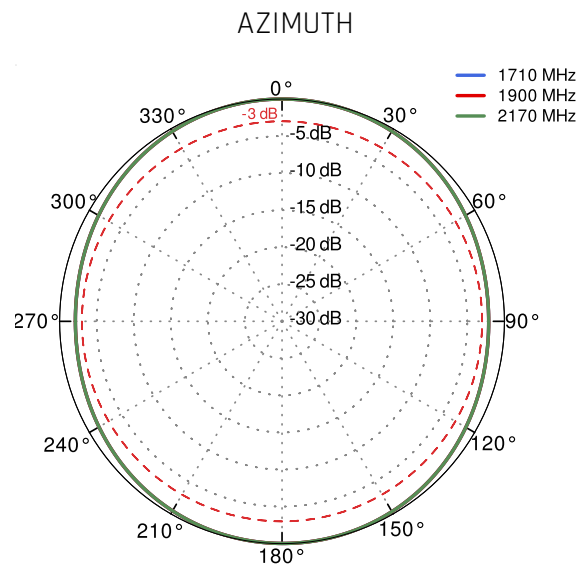
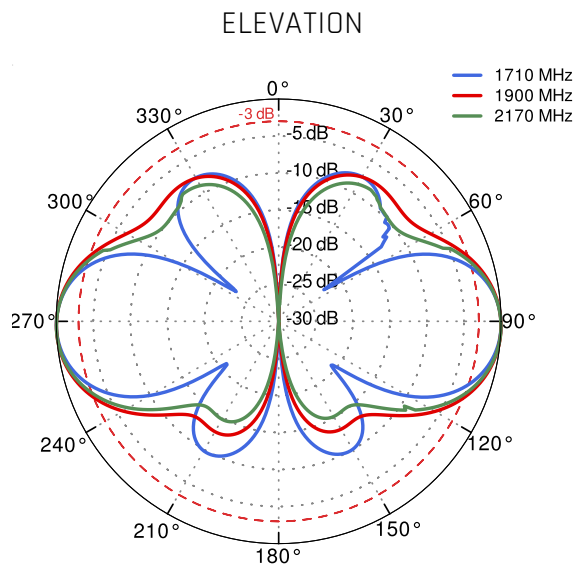
Gain for LTE antenna



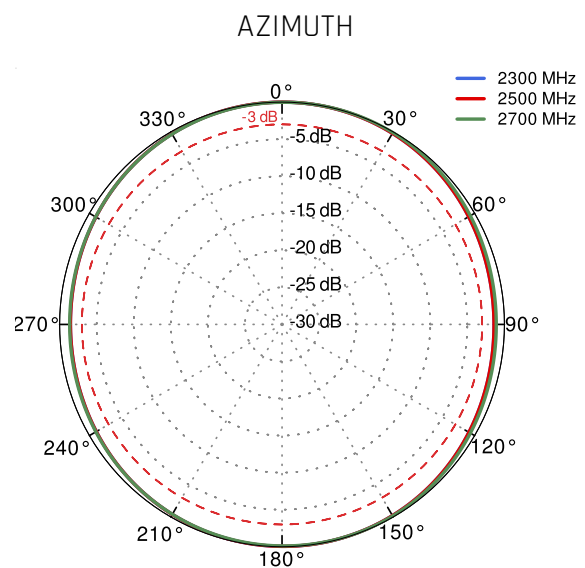
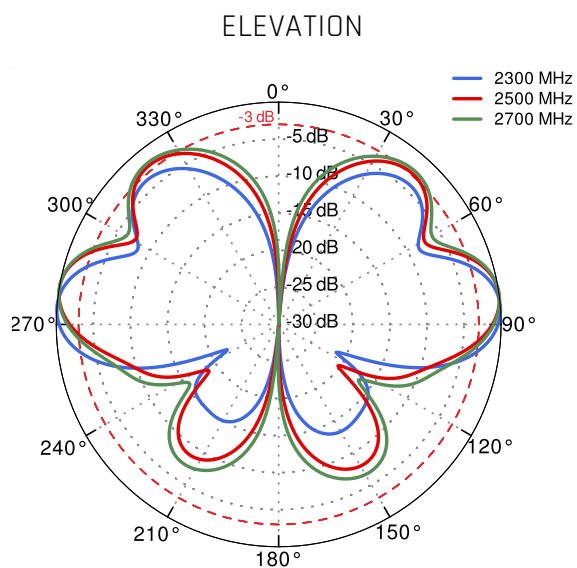
LTE from 700MHz to 900MHz



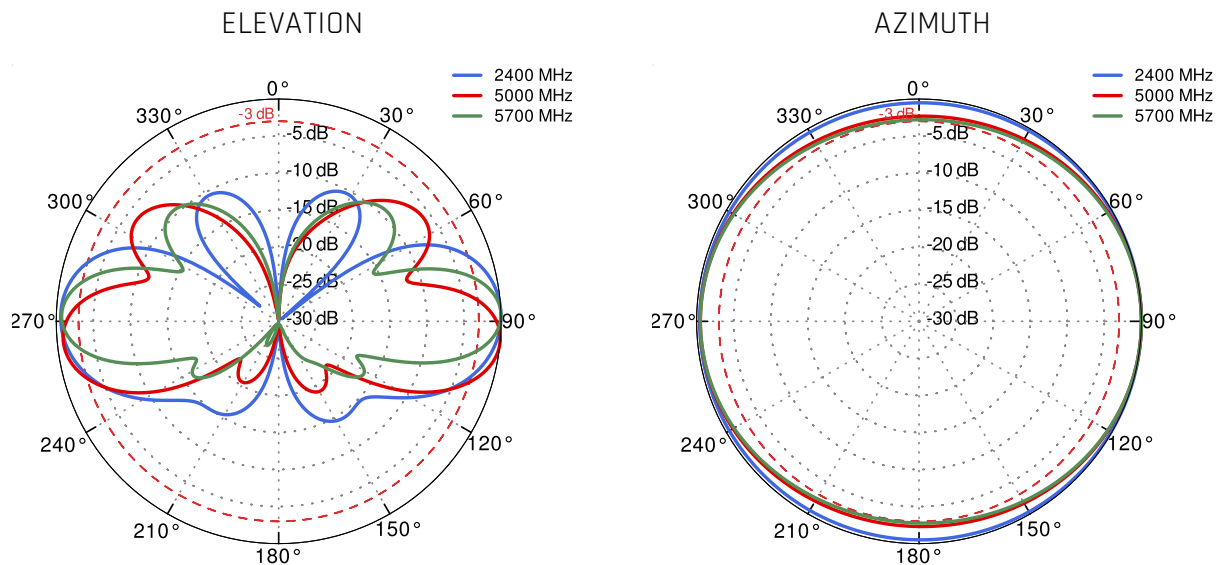
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz



DIMENSIONS

