

QuSpot for Cradlepoint CBA550

Integrated multi-band LTE omni antenna + place to install Cradlepoint CBA550 (All-in-one)

QuSpot omnidirectional LTE antenna for Teltonika **RUT241, RUT240 or RUT230 routers** is a perfect outdoor device for mobile and fixed installations e.g. CCTV, hotspots, industrial areas, campervans, ships etc.. In addition to having omnidirectional, multi-band LTE antennas, **it has also embedded omnidirectional Wi-Fi antenna**. If you use RUT241, RUT240 or 230 with QuSpot 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 ROUTER



WALL OR MAST MOUNTING SYSTEM



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, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n85, n89, n90, n95, n97, n98, n100, n101, n256 |
| GAIN | 694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi |
| VSWR | <1.60, max <2.00 |
| BEAMWIDTH | 360°/35° ±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 75°C From -40°F to 167°F |
| ENCLOSURE RECOMMENDED TIGHTENING TORQUE | 0.5 - 0.7 Nm |
| MAST DIAMETER | 25-66 mm 0.98-2.60 inch |

FREQUENCY BANDS

LTE / 4G GSM

| | | | | | | | | |
|------------|-----|-----|----|-----|-----|-----|-----|------------|
| 617 MHz | 5 | 8 | 12 | 13 | 14 | 17 | 18 | 960 MHz |
| | 19 | 20 | 26 | 27 | 28 | 29 | 44 | |
| | 67 | 68 | 85 | 103 | n81 | n82 | n83 | |
| | n89 | 100 | | | | | | |

LTE / 4G UMTS

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

LTE / 4G WCS DARS

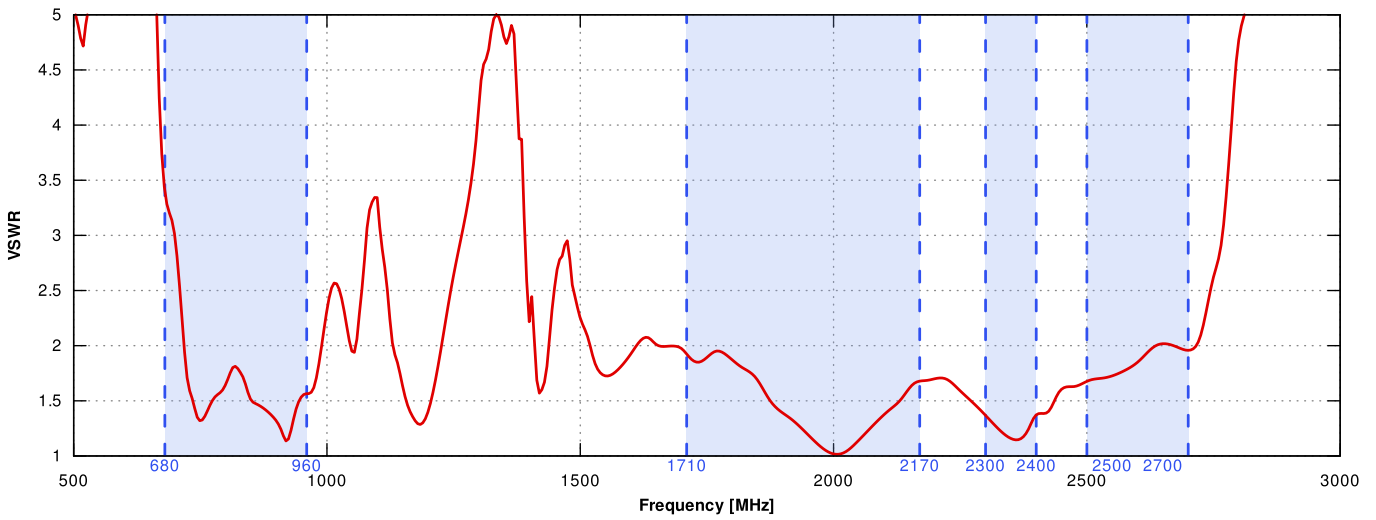
| | | | | | | | | |
|-------------|----|----|-----|--|--|--|--|-------------|
| 2300 MHz | 30 | 40 | n97 | | | | | 2400 MHz |
|-------------|----|----|-----|--|--|--|--|-------------|

LTE / 4G

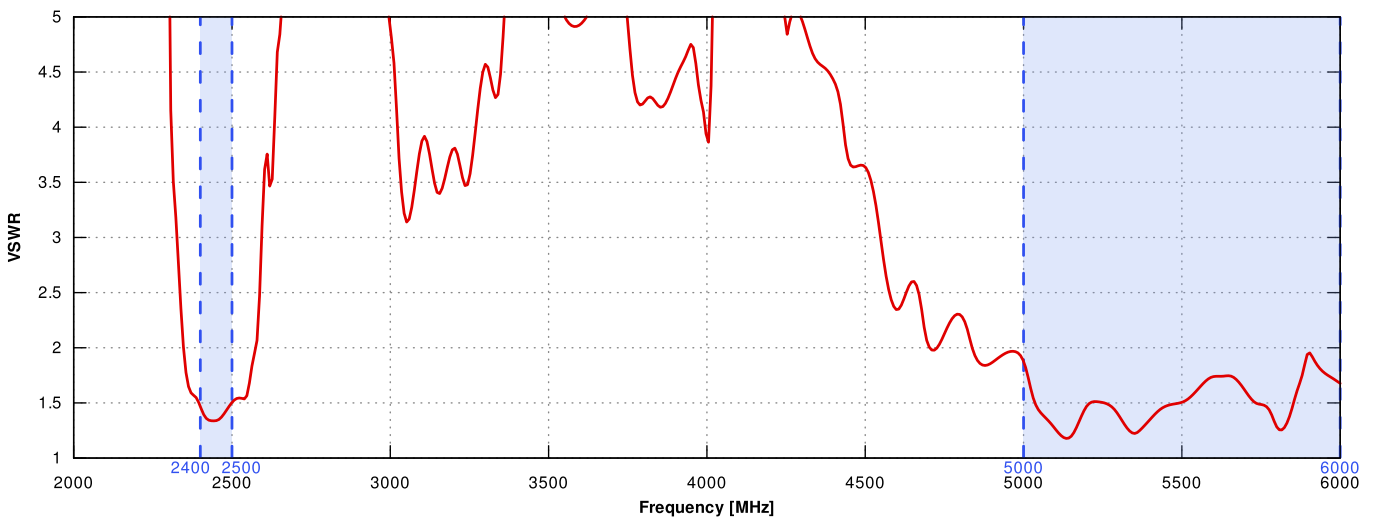
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|-------------|---|----|----|----|----|-----|--|-------------|
| 2400 MHz | 7 | 38 | 41 | 53 | 69 | n90 | | 2700 MHz |
|-------------|---|----|----|----|----|-----|--|-------------|

PLOTS

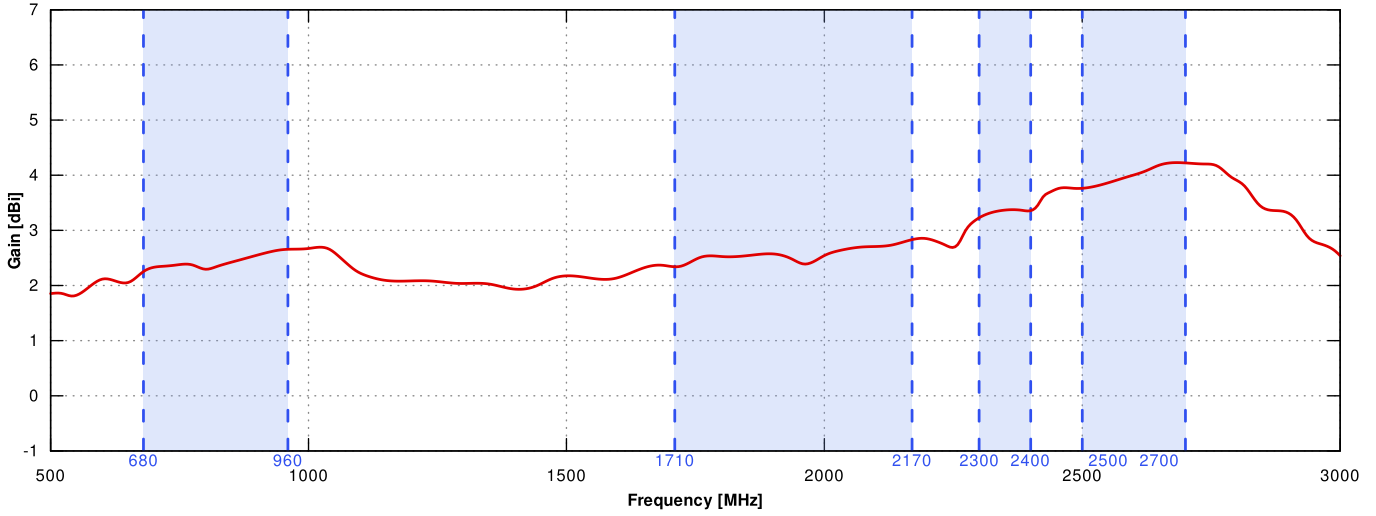
VSWR for LTE antenna



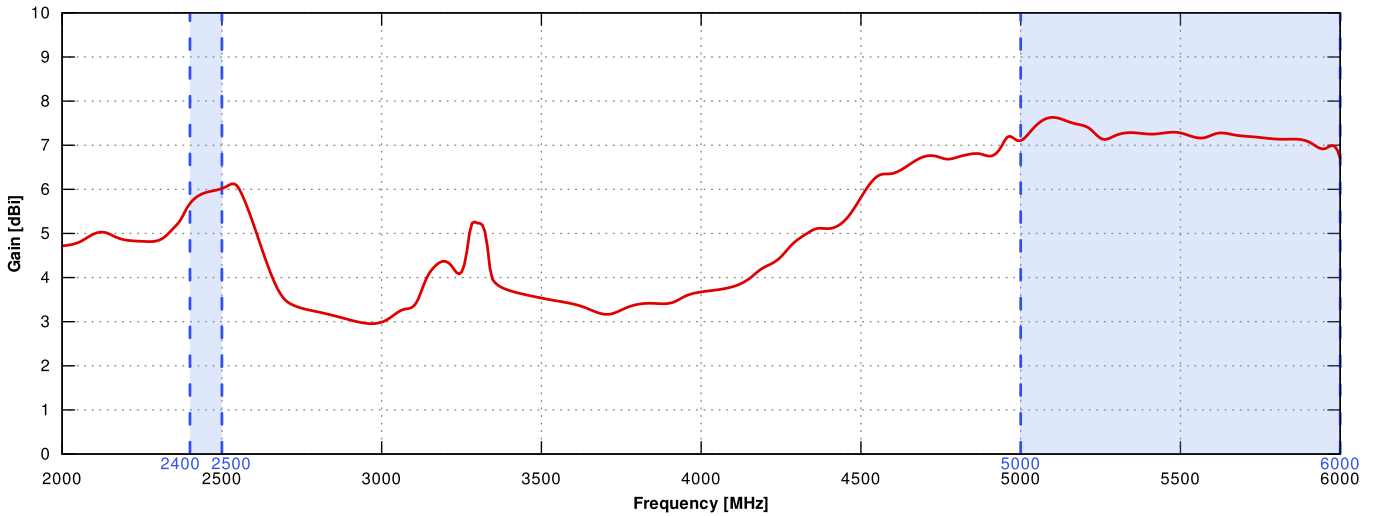
VSWR for Wi-Fi antenna



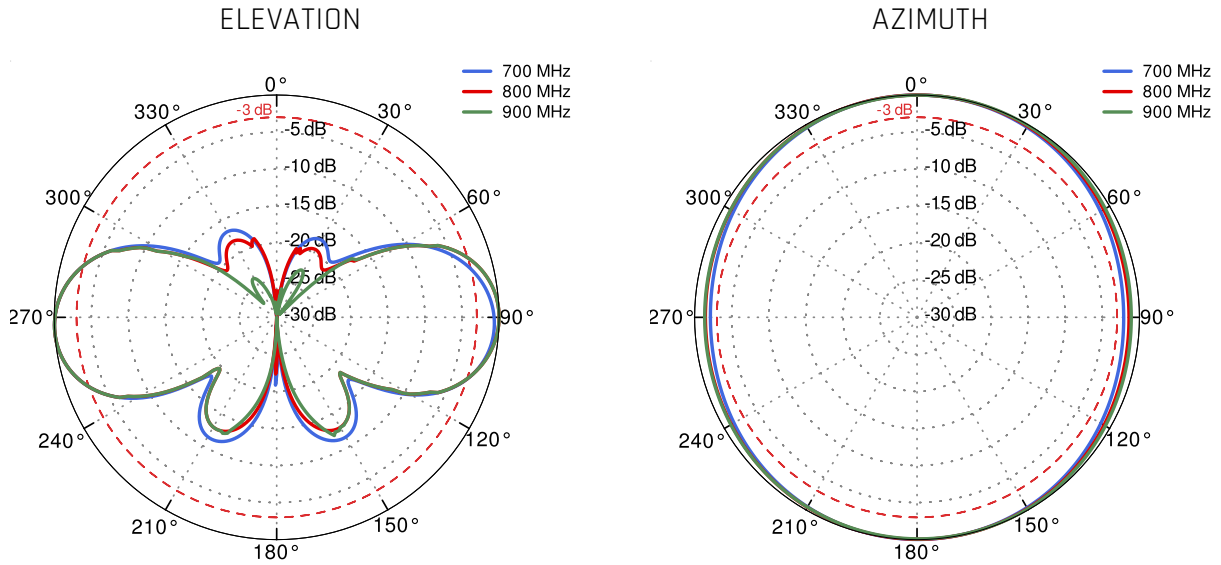
Gain for LTE antenna



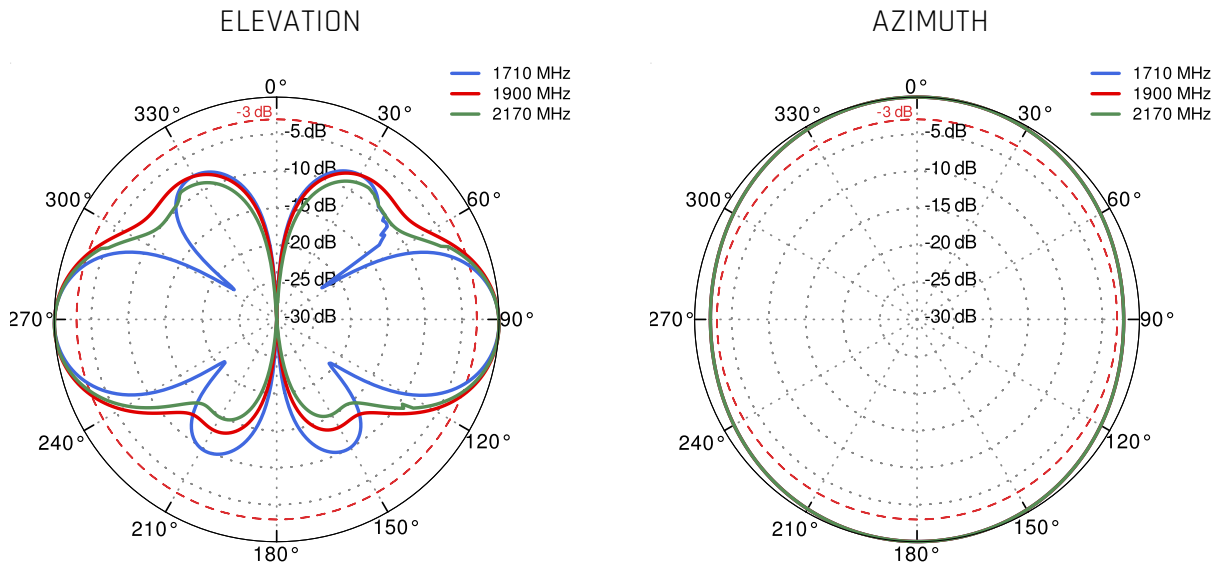
Gain for Wi-Fi antenna



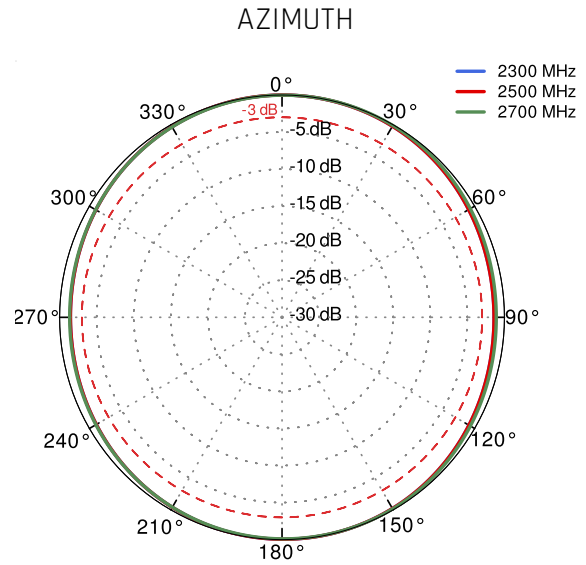
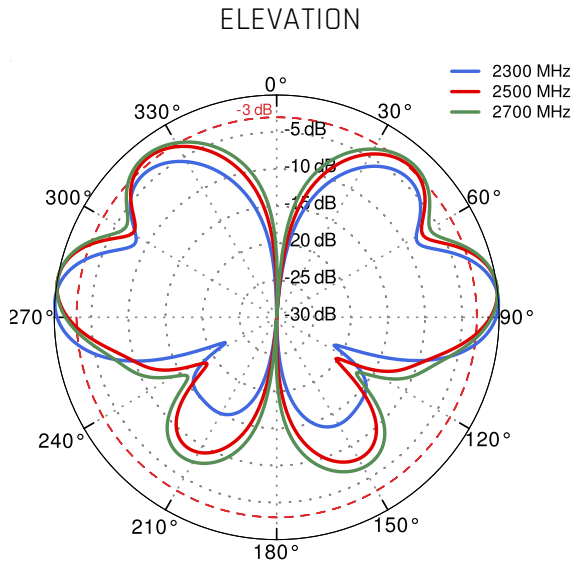
LTE from 700MHz to 900MHz



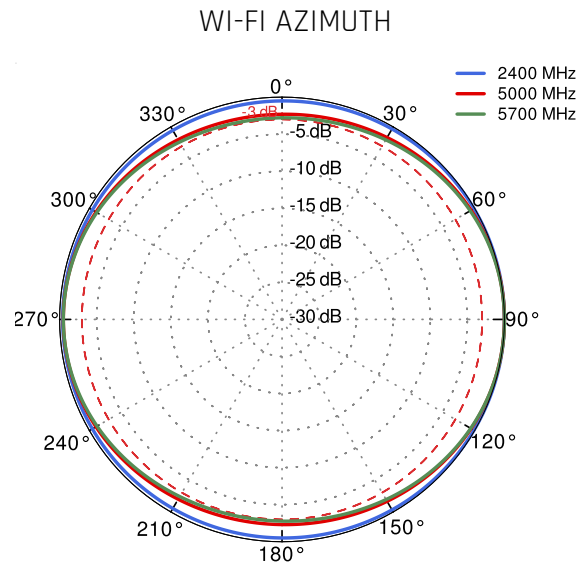
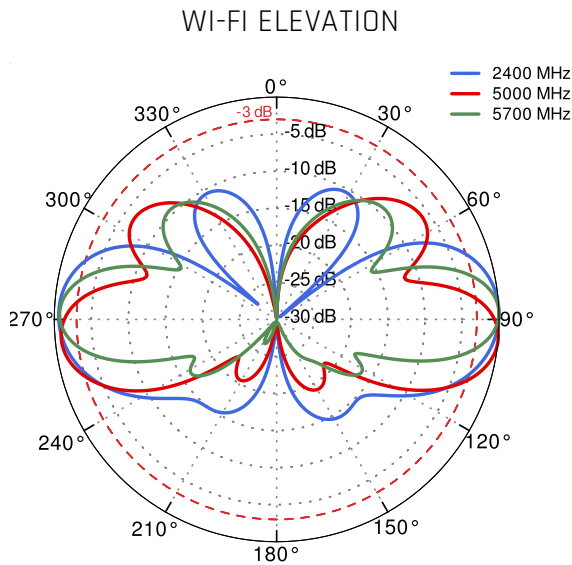
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5.7GHz



DIMENSIONS

