

QuSpot for MikroTik RB912/RB922 I

5G + Wi-Fi

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + PLACE TO INSTALL MIKROTIK RB series (ALL-IN-ONE)

QuSpot is an outdoor antenna designed to provide reliable wireless connectivity in a variety of environments. This product is an all in one solution that integrates a high gain omnidirectional 5G MIMO 4x4 and Wi-Fi MIMO 2x2 antennas with MikroTik board into a single IP67 enclosure. Such integration allows implementation of new outdoor solutions.

Four ultra wide band 5G antennas and two Wi-Fi 6E antennas make an universal solution and enable to integrate MikroTik boards in many different combinations, based on **RB912 or RB922**.

QuSpot for MikroTik is an ideal solution for outdoor wireless connectivity in moving applications such as transportation, yachting, boats and camping but also city centres with high signal density.



5G ANTENNA SPECIFICATION

| | |
|---------------------|--|
| FREQUENCY | 617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.3 GHz |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, n77, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101 |
| SUPPORTED 5G BANDS | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| GAIN | 617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.3 GHz : 4.5 dBi |
| VSWR | <2.00, max <2.50 |
| BEAMWIDTH | 360°/25° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

WI-FI ANTENNA SPECIFICATION

| | |
|--------------|--|
| FREQUENCY | 2.40 - 2.50 GHz 5.0 - 7.125 GHz |
| GAIN | 2.40 - 2.50 GHz : 6 dBi 5.0 - 7.125 GHz : 7.5 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 | 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 | 40-66 mm 1.57-2.60 inch |

FREQUENCY BANDS

LTE / 4G

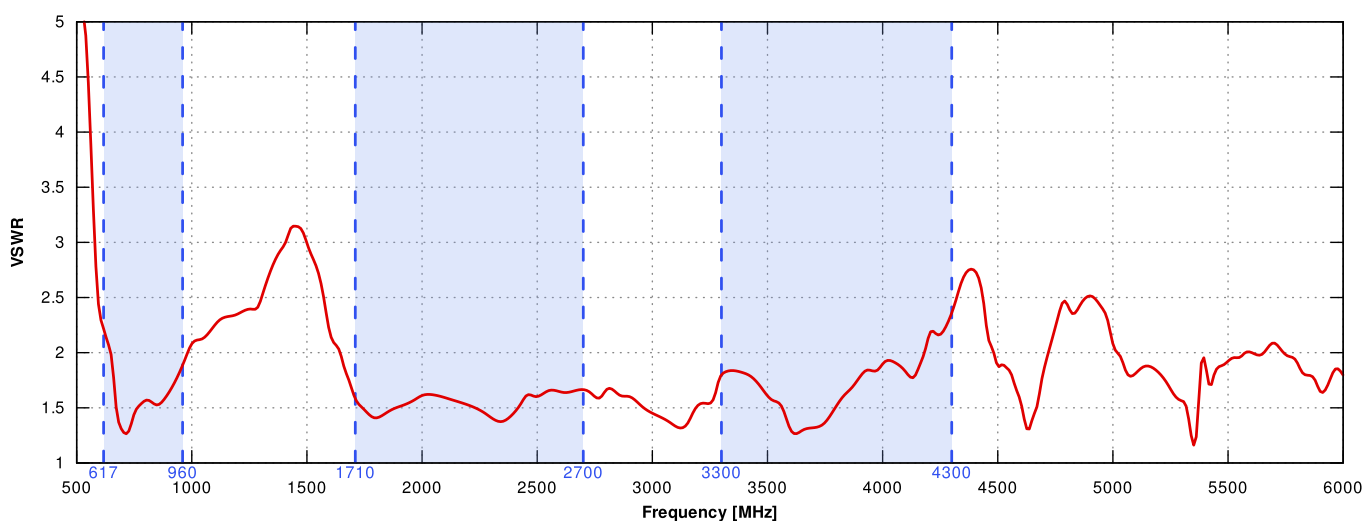
| | | | | | | | | |
|------------|----|----|----|----|-----|-----|----|-------------|
| | 1 | 2 | 3 | 4 | 5 | 7 | 8 | |
| | 9 | 10 | 12 | 13 | 14 | 17 | 18 | |
| | 19 | 20 | 22 | 25 | 26 | 27 | 28 | |
| 617 MHz | 29 | 30 | 33 | 34 | 35 | 36 | 37 | 4300 MHz |
| | 38 | 39 | 40 | 41 | 42 | 43 | 44 | |
| | 48 | 49 | 52 | 53 | 65 | 66 | 67 | |
| | 68 | 69 | 71 | 85 | 103 | 106 | | |

5G

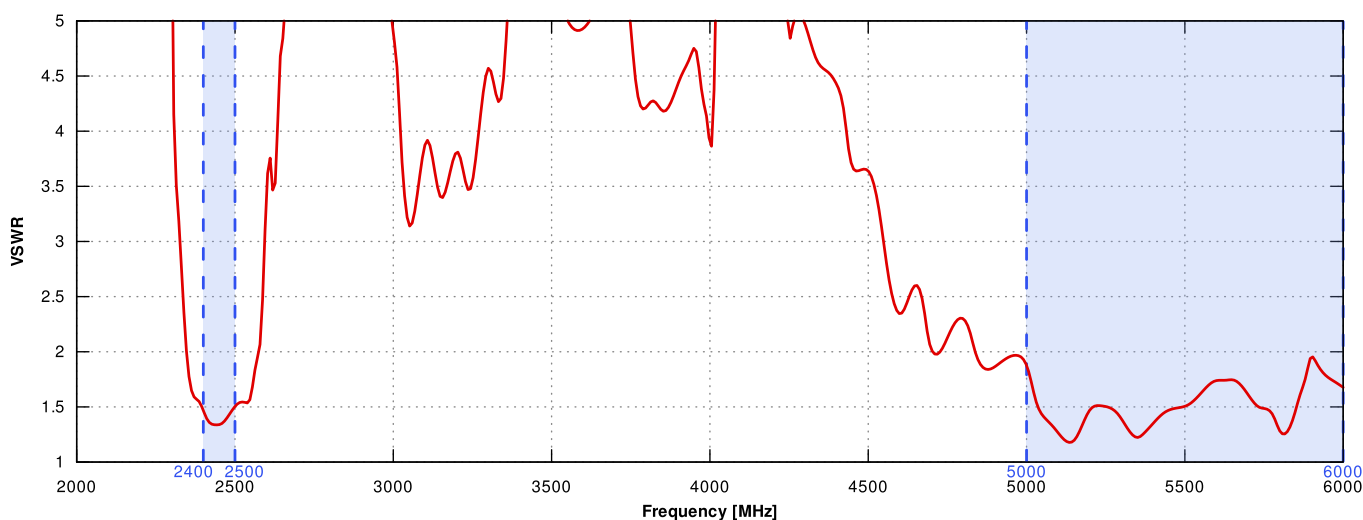
| | | | | | | | | |
|------------|------|------|-----|-----|-----|-----|------|-------------|
| | n1 | n2 | n3 | n5 | n7 | n8 | n12 | |
| | n13 | n14 | n18 | n20 | n25 | n26 | n28 | |
| | n29 | n30 | n34 | n38 | n39 | n40 | n41 | |
| 617 MHz | n48 | n53 | n65 | n66 | n67 | n71 | n77 | 4300 MHz |
| | n78 | n80 | n81 | n82 | n83 | n84 | n85 | |
| | n86 | n89 | n90 | n95 | n97 | n98 | n100 | |
| | n101 | n256 | | | | | | |

PLOTS

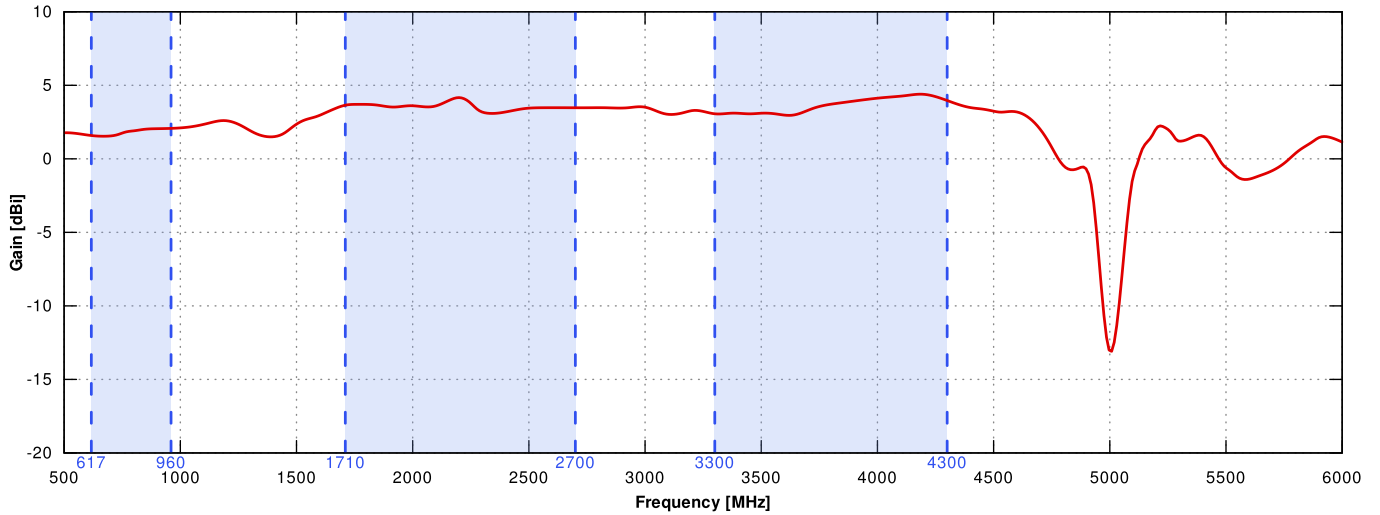
VSWR for 5G/LTE antenna



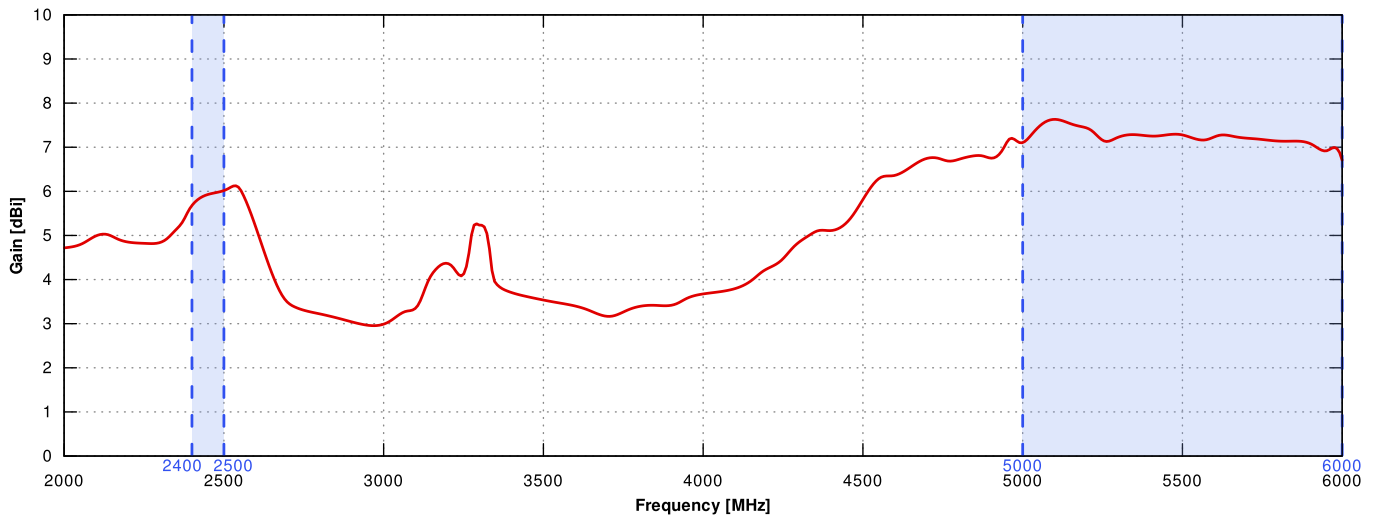
VSWS for Wi-Fi antenna



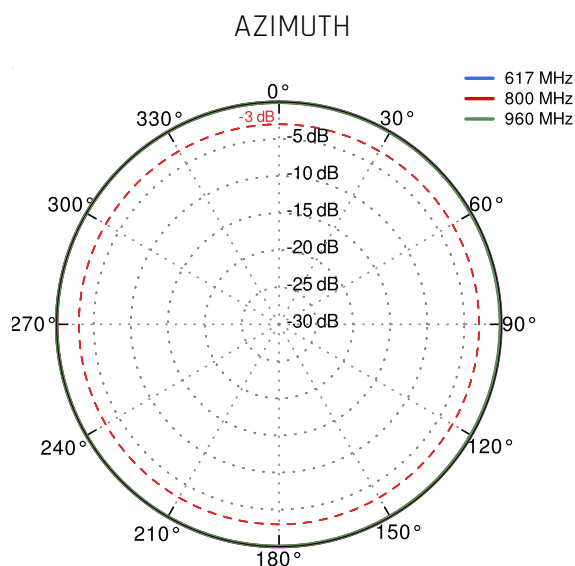
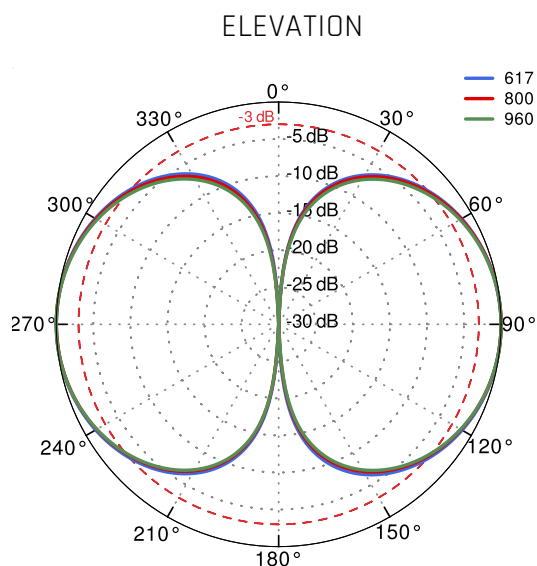
Gain for 5G/LTE antenna



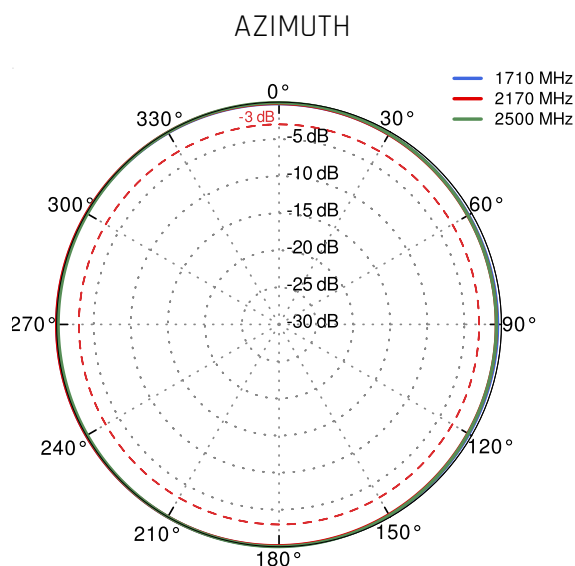
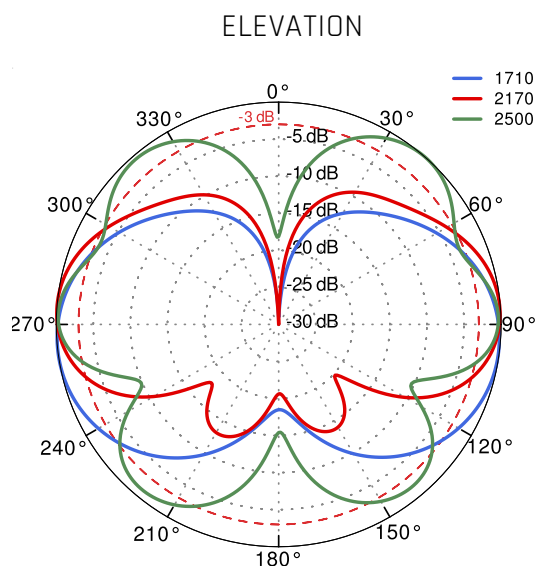
Gain for Wi-Fi antenna



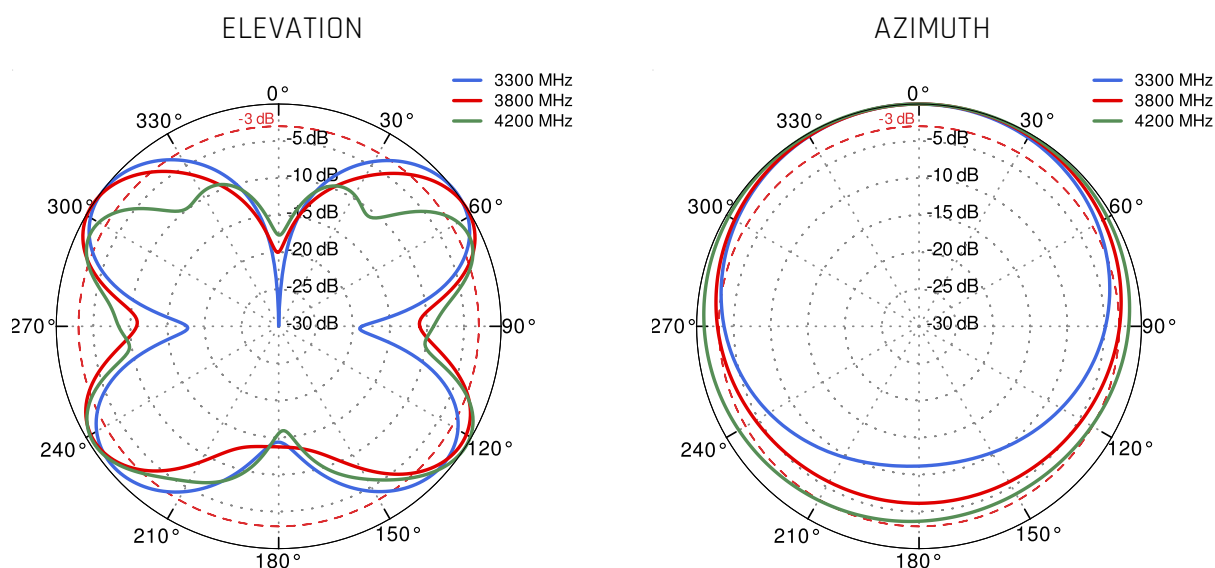
5G/LTE from 617MHz to 960MHz



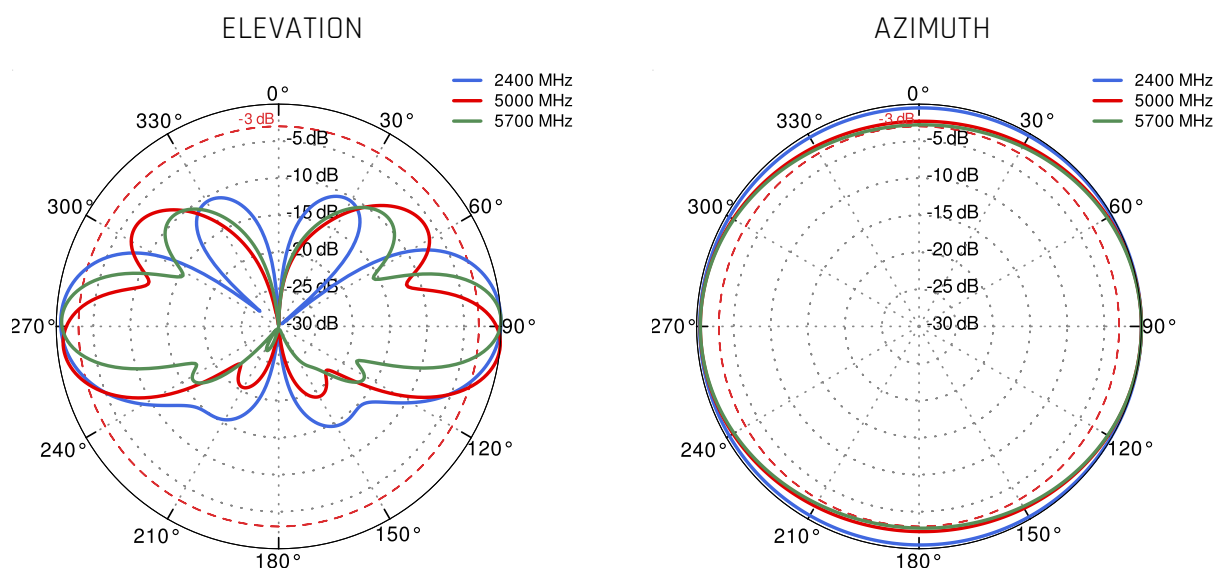
5G/LTE from 1.71GHz to 2.5GHz



5G/LTE from 3.3GHz to 4.2GHz



Wi-Fi 2.4 GHz and 5 GHz and 6GHz



DIMENSIONS

