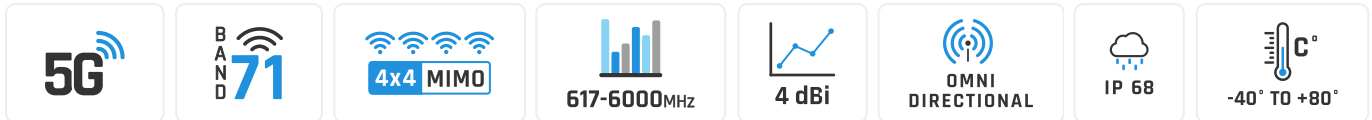


# Qu0mni 5G/LTE Global MIMO 4x4 with 1.5m cables

## Omnidirectional ultra wideband 5G/LTE MIMO 4x4 antenna with 1.5m cables

Qu0mni 5G/LTE omnidirectional MIMO 4x4 is ultra wideband LTE Outdoor antenna. It's primary designed for LTE/5G/3G/2G devices which require high efficiency connections. The antenna covers many LTE bands including the new Extended LTE Band 71, frequencies: **617 - 6000MHz**. The mounting bracket allows the antenna to be installed on the buildings (on the pole or on the wall) as the client antenna or on the moving points like trains, buses, lorries, yachts, boats to receive Internet by LTE/5G/3G/2G. It's ideal solution to use with all industrial and domestic 4x4 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.



## 5G / LTE ANTENNA SPECIFICATION

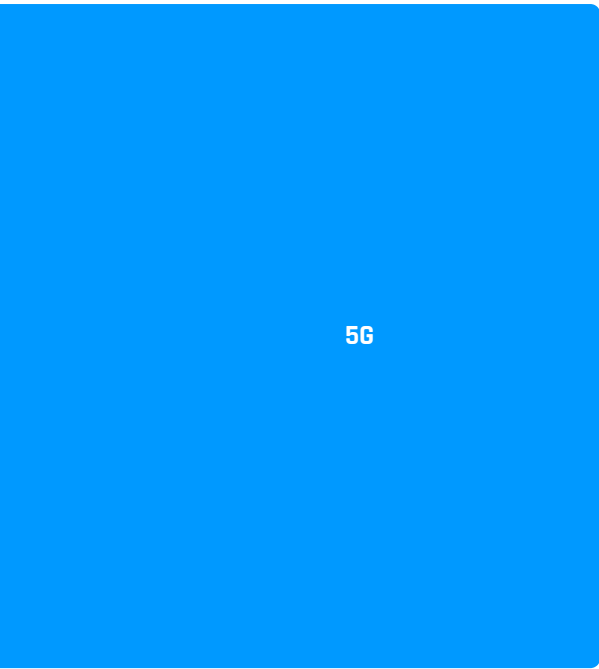
|                            |  |
|----------------------------|--|
| <b>FREQUENCY</b>           | 617 - 960 MHz<br>1.7 - 2.7 GHz<br>3.3 - 4.7 GHz<br>5.2 - 6.0 GHz   |
| <b>GAIN</b>                | 617 - 960 MHz : 3 dBi<br>1.7 - 2.2 GHz : 4 dBi<br>3.3 - 4.7 GHz : 4.5 dBi<br>5.2 - 6.0 GHz : 2.5dBi  |
| <b>SUPPORTED LTE BANDS</b> | 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, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106                                 |
| <b>SUPPORTED 5G BANDS</b>  | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| <b>VSWR</b>                | <1.80, max <2.00   |
| <b>BEAMWIDTH</b>           | 360°/35° ±5°   |
| <b>POLARIZATION</b>        | Vertical   |
| <b>IMPEDANCE</b>           | 50 Ω   |
| <b>CONNECTOR</b>           | 4x SMA   |
| <b>CABLE LENGTH</b>        | 1.5 m  |

## MECHANICAL SPECIFICATION

|                              |   |
|------------------------------|---|
| <b>MATERIALS</b>             | ABS, aluminum, PTFE                         |
| <b>INGRESS PROTECTION</b>    | IP68  |
| <b>DIMENSIONS</b>            | 160 x 160 x 240 mm<br>6.3 x 6.3 x 9.45 inch |
| <b>WEIGHT</b>                | 1.5 kg<br>3.31 lbs                          |
| <b>OPERATING TEMPERATURE</b> | From -40°C to 80°C<br>From -40°F to 176°F   |
| <b>MAST DIAMETER</b>         | 25-66 mm<br>0.98-2.60 inch                  |

## FREQUENCY BANDS

|                 |            |    |    |    |    |     |     |             |
|-----------------|------------|----|----|----|----|-----|-----|-------------|
| <b>LTE / 4G</b> | 1          | 2  | 3  | 4  | 5  | 7   | 8   | 6000<br>MHz |
|                 | 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  |             |
|                 | 47         | 48 | 49 | 52 | 53 | 65  | 66  |             |
|                 | 67         | 68 | 69 | 71 | 85 | 103 | 106 |             |
|                 | 617<br>MHz |    |    |    |    |     |     |             |



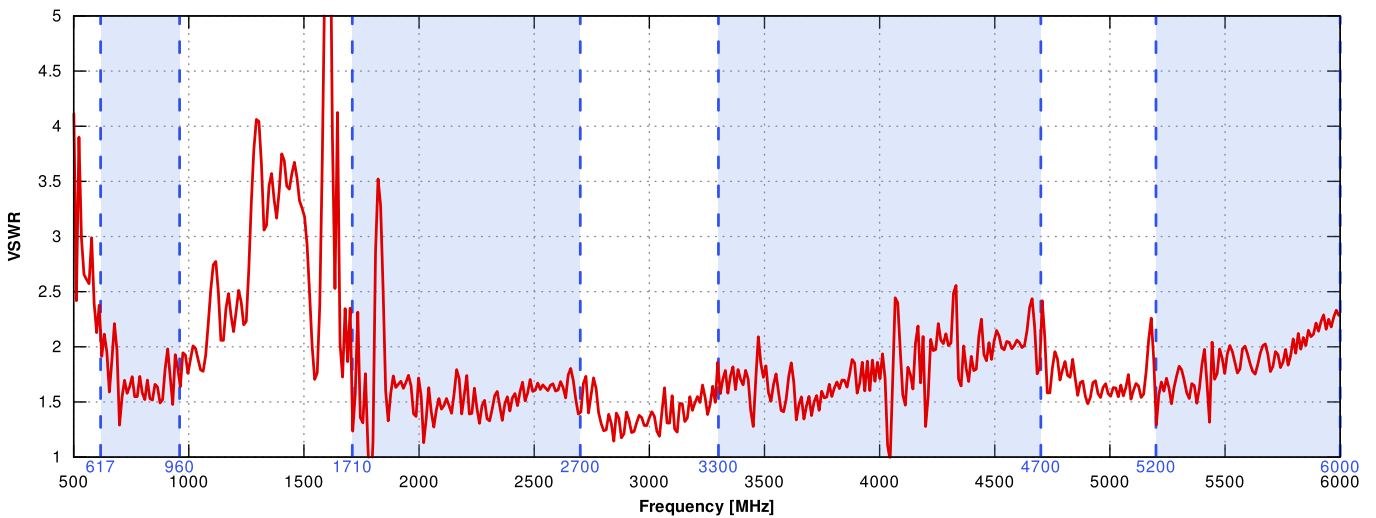
|            |      |      |      |     |     |     |     |             |
|------------|------|------|------|-----|-----|-----|-----|-------------|
|            | n1   | n2   | n3   | n5  | n7  | n8  | n12 |             |
|            | n13  | n14  | n18  | n20 | n25 | n26 | n28 |             |
|            | n29  | n30  | n34  | n38 | n39 | n40 | n41 |             |
| 617<br>MHz | n47  | n48  | n53  | n65 | n66 | n67 | n71 | 6000<br>MHz |
|            | n77  | n78  | n80  | n81 | n82 | n83 | n84 |             |
|            | n85  | n86  | n89  | n90 | n95 | n97 | n98 |             |
|            | n100 | n101 | n256 |     |     |     |     |             |

## COMPATIBLE ROUTERS

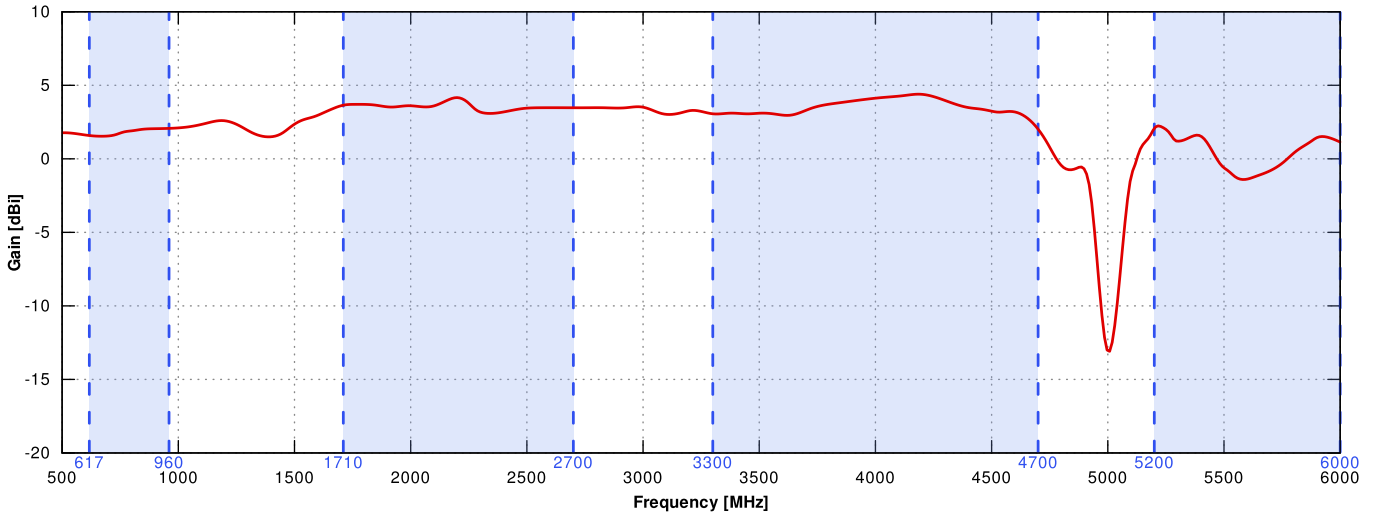
VARIANT: - \_\_\_\_\_

## PLOTS

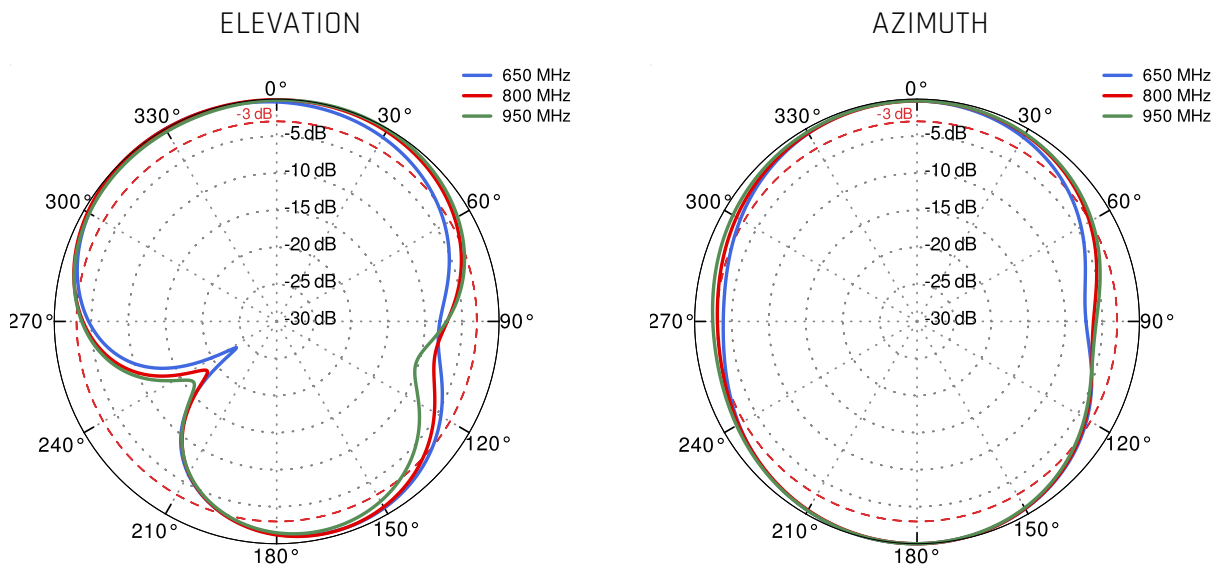
VSWR \_\_\_\_\_



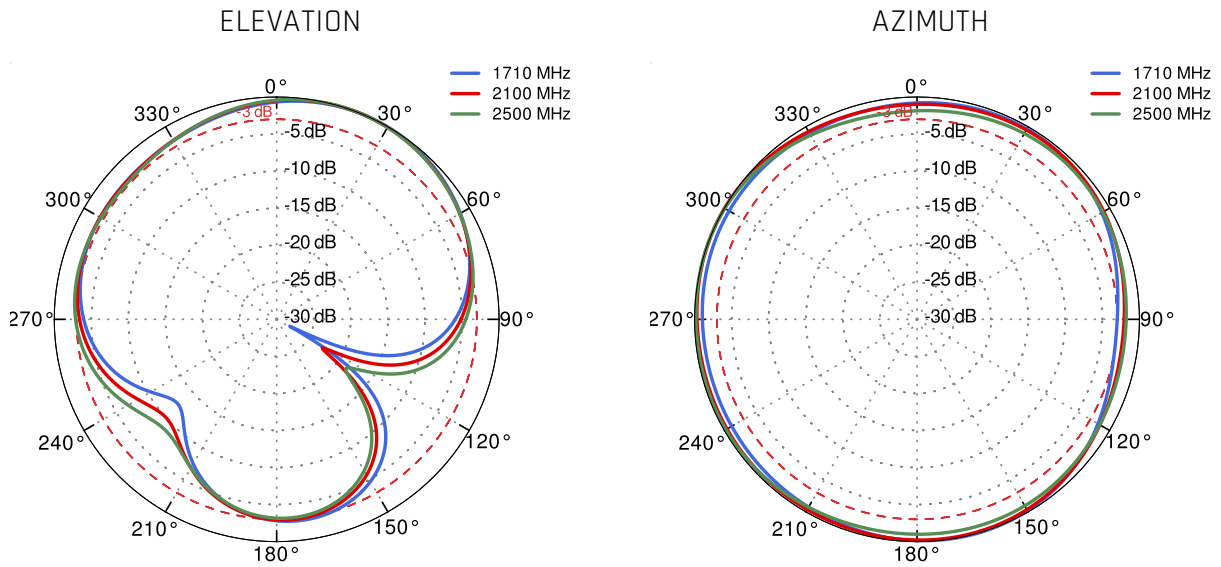
Gain



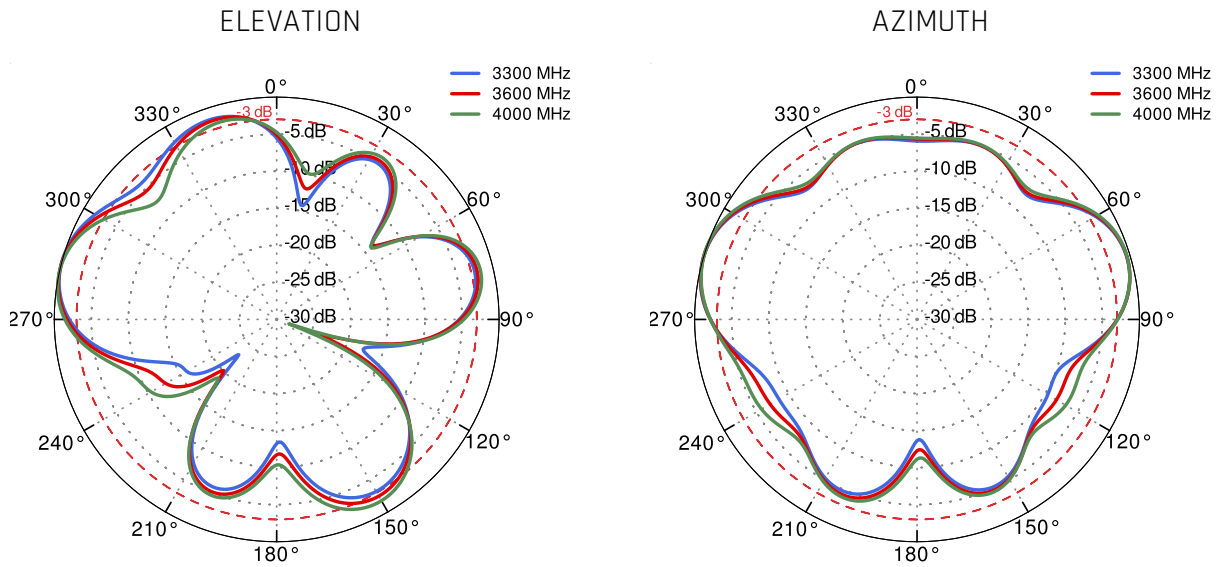
From 650MHz to 950MHz



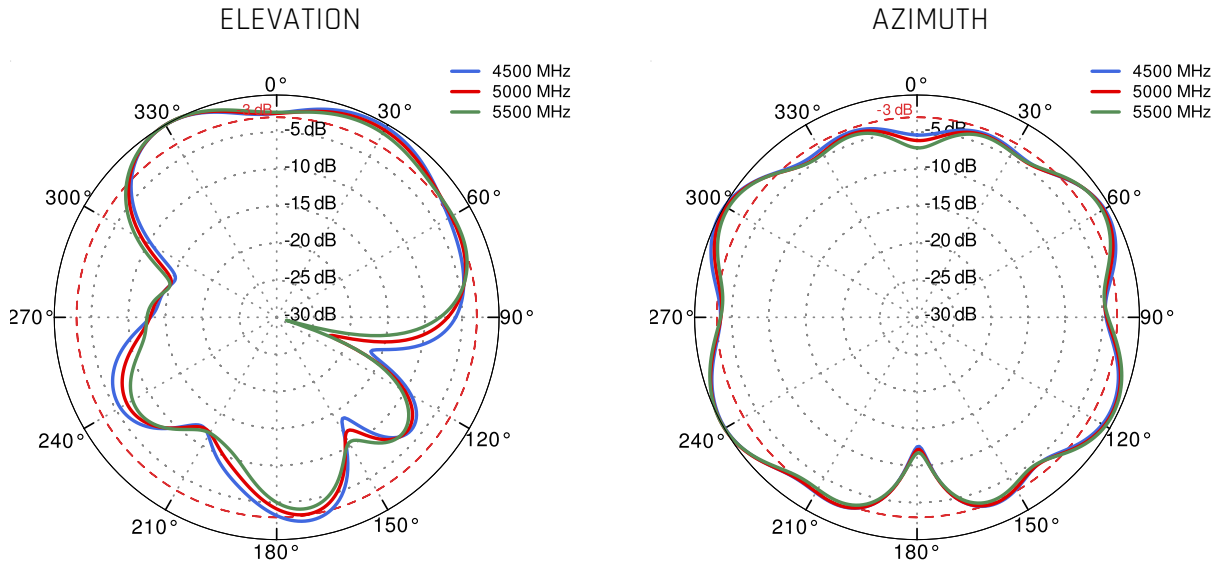
From 1.71GHz to 2.5GHz



From 3.3GHz to 4.0GHz



From 4.5GHz to 5.5GHz



## DIMENSIONS

