# QuOmni 5G/LTE Nm

**QuOmni 5G/LTE Nm offers a 360 degrees, 4dBi gain signal. It is a perfect indoor and outdoor device for industrial installations.**

QuOmni 5G/LTE Nm is a 5G and LTE, Vertical polarity, omni antenna. It with up to 4dBi gain. This antenna is predicted to be installed as the hotspot in parks, stadiums, warehouses, production halls, malls, lecture halls or another public places. Its aesthetic design is acceptable in most of the visible places. Wide frequency range helps to find suitable frequency for the most effective operation. The antenna comes with built-in Nm connector.

5G | 617-6000MHz | 4 dBi | OMNI DIRECTIONAL | -40° TO +80°



# 5G / LTE ANTENNA SPECIFICATION

| | |
|---|---|
| FREQUENCY | 0.617 - 0.960 GHz<br>1.6 - 3.0 GHz<br>3.0 - 5.0 GHz<br>5.0 - 6.0 GHz |
| MAX. GAIN | 0.617 - 0.960 GHz : 2 dBi<br>1.6 - 3.0 GHz : 4 dBi<br>3.0 - 5.0 GHz : 4 dBi<br>5.0 - 6.0 GHz : 2 dBi |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 85, 103, 106, 111, 252, 254, 256 |
| SUPPORTED 5G BANDS | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n54, n65, n66, n67, n68, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n99, n100, n101, n106, n252, n254, n256 |
| VSWR | <2.00, max <3.00 |
| BEAMWIDTH | 360°/35° ±5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |


Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

# MECHANICAL SPECIFICATION

| | |
|---|---|
| MATERIAL | ASA |
| CONNECTOR TYPE | N male |
| DIMENSIONS | ø3.0 x 22.0 cm<br>ø1.18 x 8.66 inch |
| WEIGHT | 0.2 kg |
| OPERATING TEMPERATURE | From -40°C to 80°C<br>From -40°F to 176°F |

# FREQUENCY BANDS

**LTE / 4G**

617 MHz — 6000 MHz

| | | | | | | |
|---|---|---|---|---|---|---|
| 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 |


Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G

617 MHz

| | | | | | | |
|---|---|---|---|---|---|---|
| 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 | | | | |

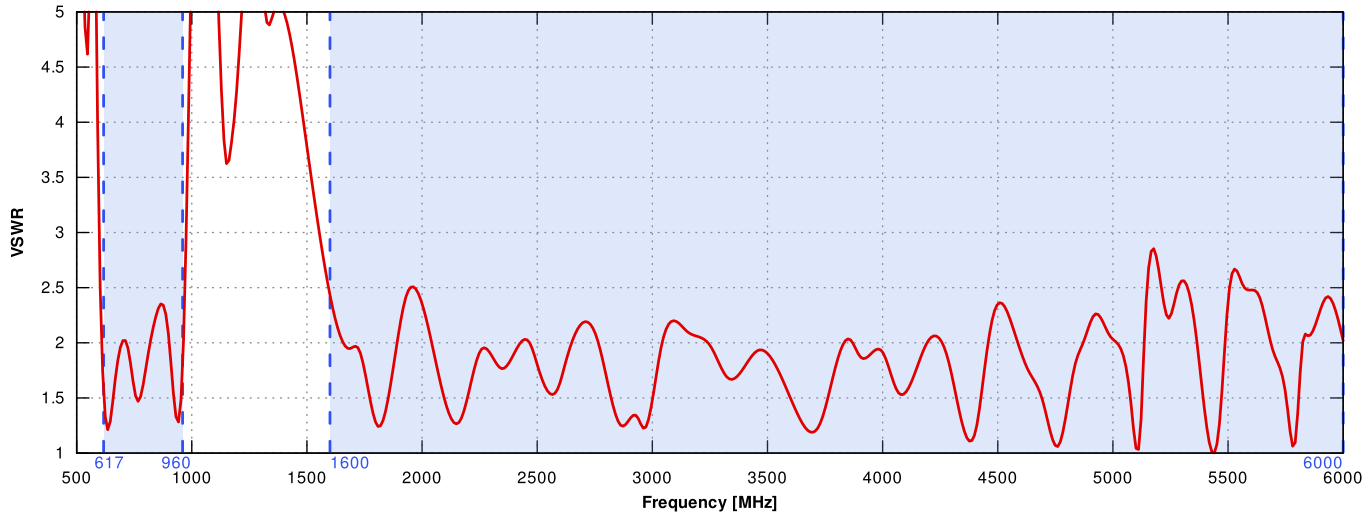
6000 MHz

# COMPATIBLE ROUTERS

## VARIANT: A05G1

# PLOTS

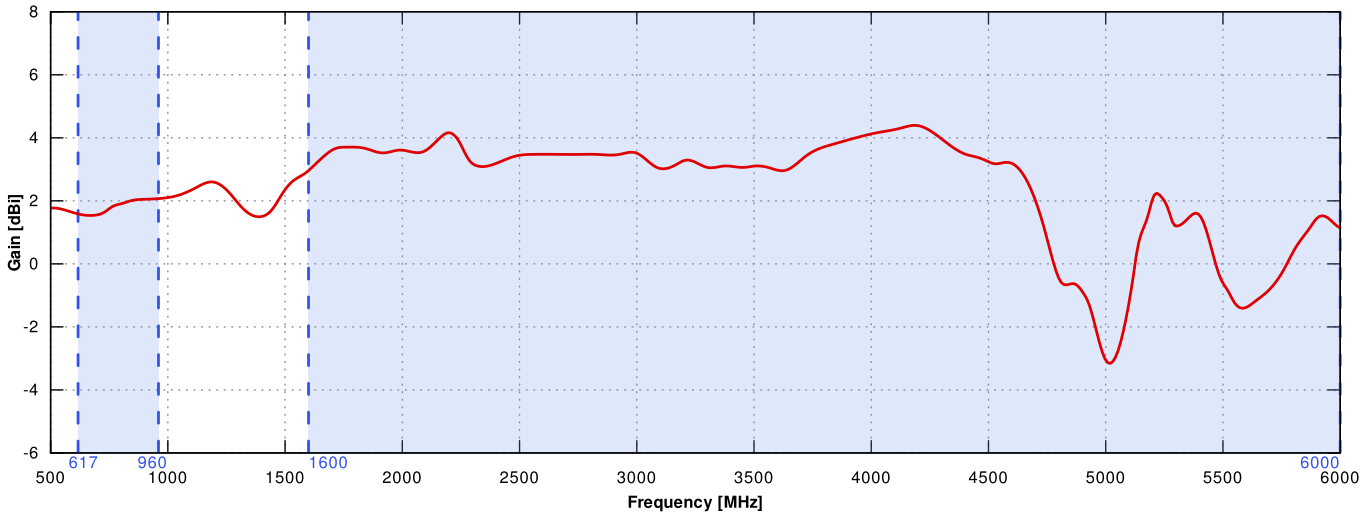
## VSWR





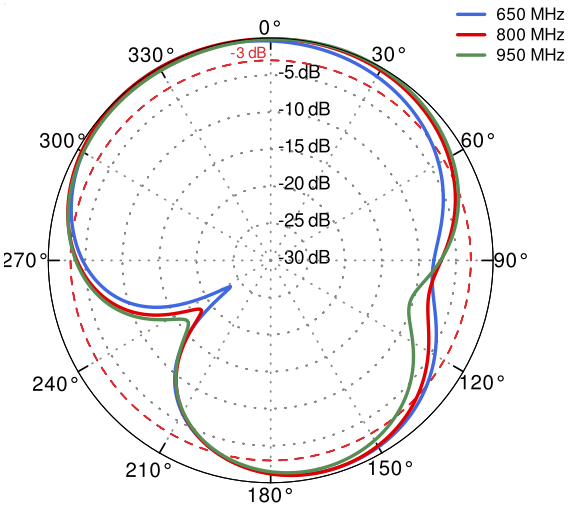
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

## Gain

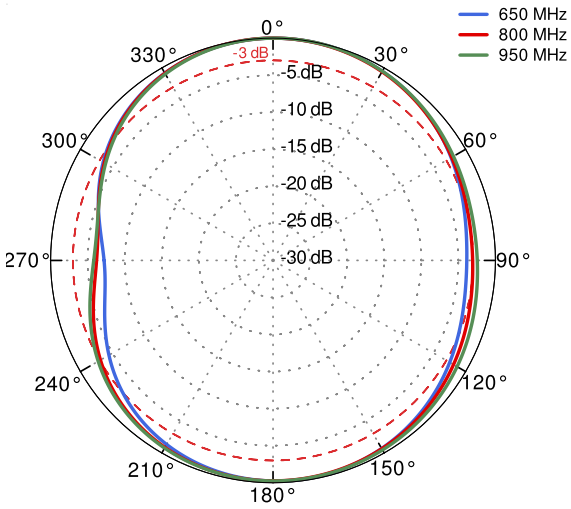



## 5G/LTE From 650MHz to 950MHz

ELEVATION




AZIMUTH

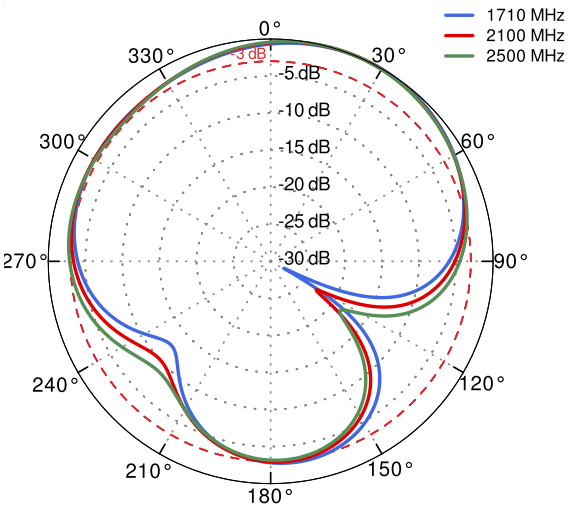




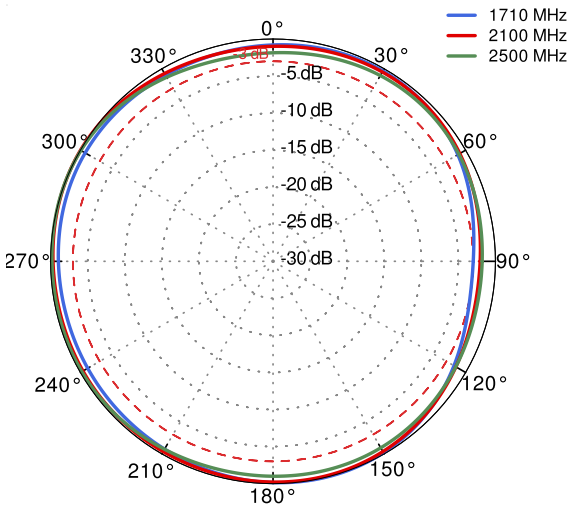
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

## 5G/LTE From 1710MHz to 2500MHz

ELEVATION

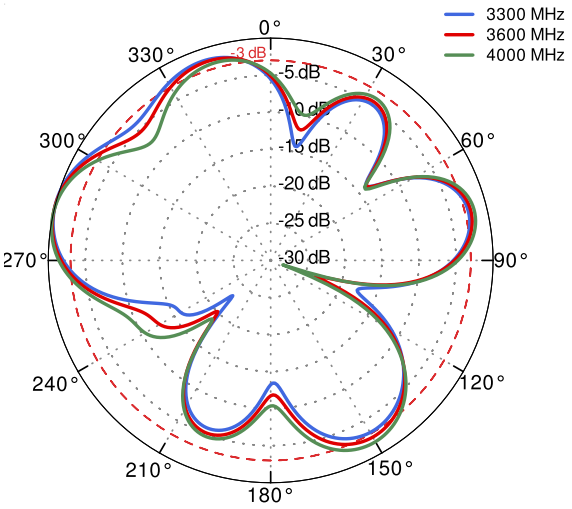



AZIMUTH

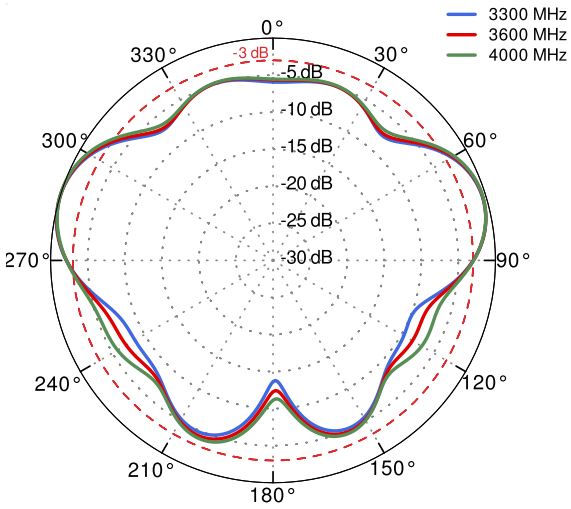



## 5G/LTE From 3300MHz to 4000MHz

ELEVATION




AZIMUTH

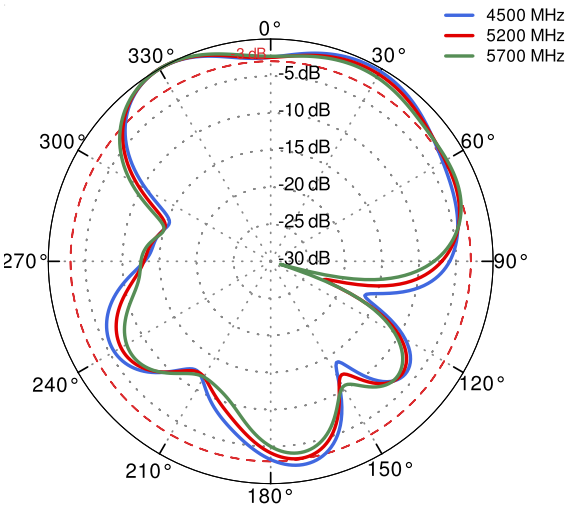




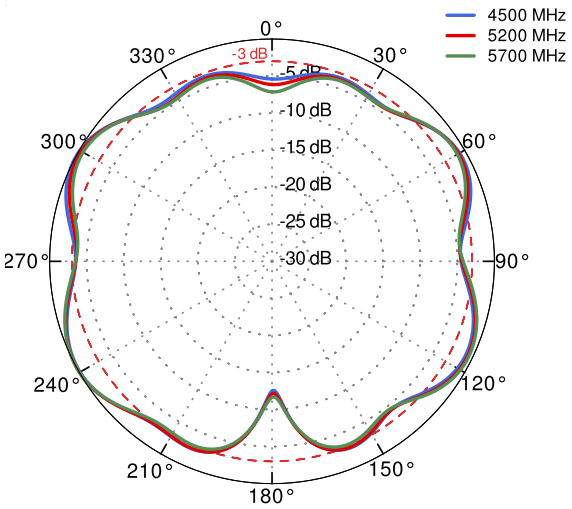
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

## 5G/LTE From 4500MHz to 5500MHz

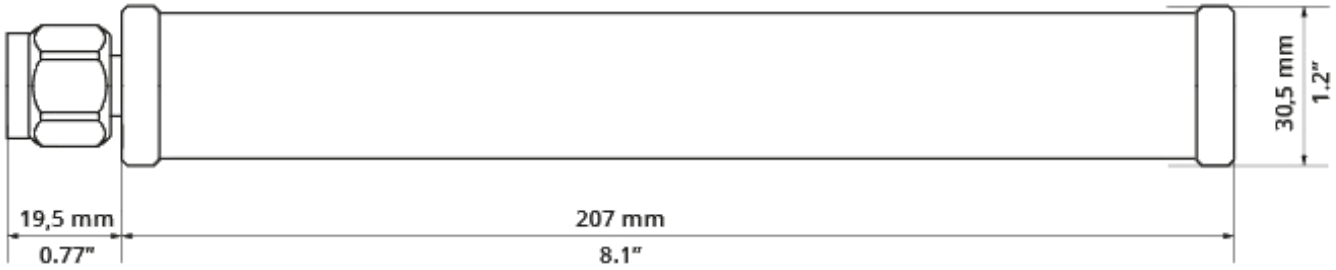
ELEVATION




AZIMUTH




# DIMENSIONS




QuWireless
WWW.QUWIRELESS.COM
**Sales email:** sales@quwireless.com **Tel:** +48 513 900 416
**Support email:** support@quwireless.com **Website:** www.quwireless.com
**Address:** Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.