

# QuOmni 5G/LTE MIMO 2x2 ver. US

P/N: AO5G2U

## Omnidirectional ultra-wideband 5G/LTE MIMO 2x2 antenna

QuOmni 5G/LTE omnidirectional MIMO 2x2 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 - 3800MHz. 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 2x2 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.



VERSION 1.01

## OUTDOOR

Use LTE router wherever you want

## ANTENNA

Maximize your signal with QuWireless antennas

## SOLUTION

Plug LTE router and you are good to go

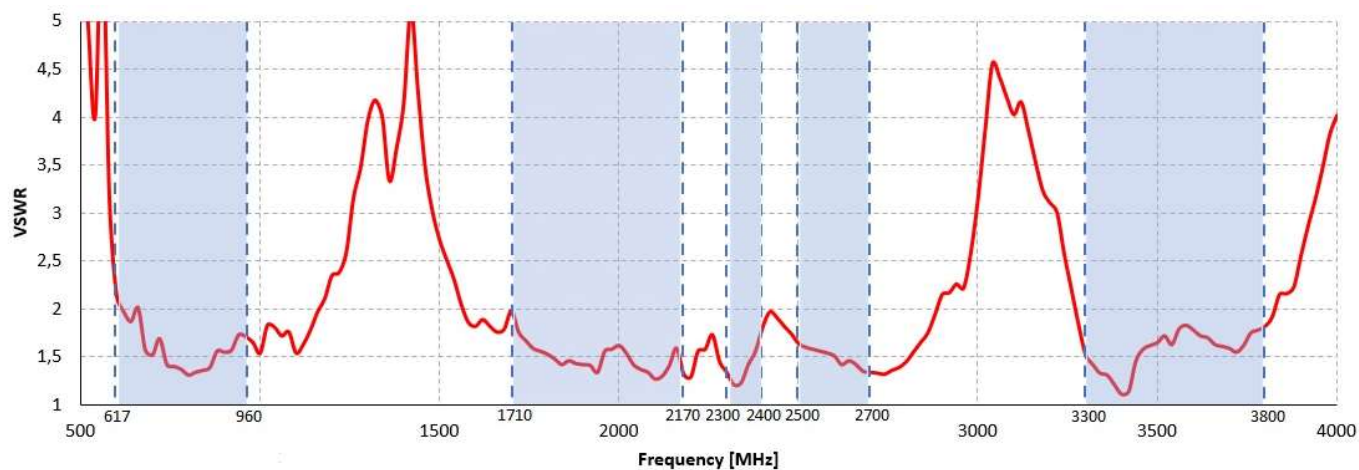
## LTE SPECIFICATION

FREQUENCY	0.694-0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz 3.3 - 3.8 GHz
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, 48, 49, 52, 53, 59, 62, 65, 66, 67, 68, 69, 71, 85, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95
GAIN	0.617 - 0.96 GHz : 3 dBi 1.7 - 2.2 GHz : 3.5 dBi 2.3 - 2.7 GHz : 3.5 dBi 3.3 - 3.8 GHz : 4dBi
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

## MECHANICAL SPECIFICATION

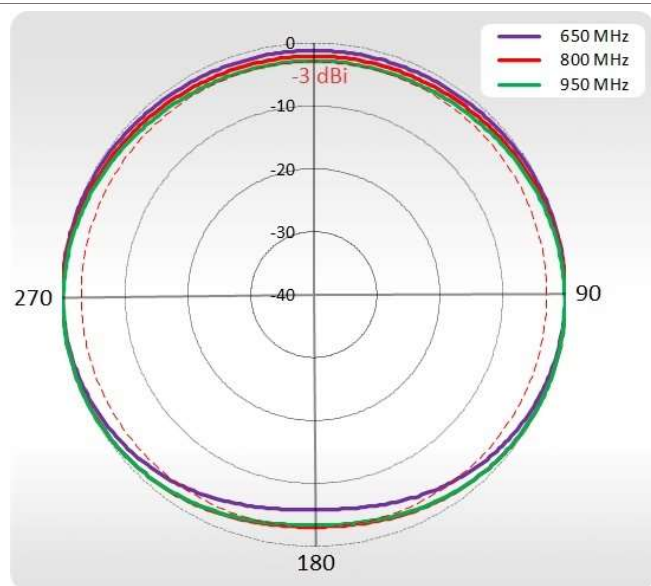
MATERIALS	ABS, aluminum, galvanized steel
INGRESS PROTECTION	IP67
CABLE TYPE	LMR195 white
CABLE LENGTH	5m (P/N: AO5G2U) or 10m (P/N: AO5G2U-1)
CONNECTOR TYPE	2x SMA plug
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

## VSWR

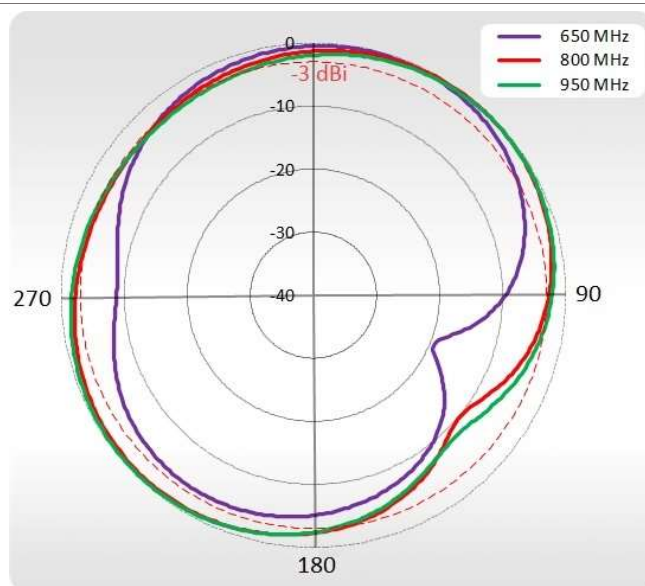


## PLOTS

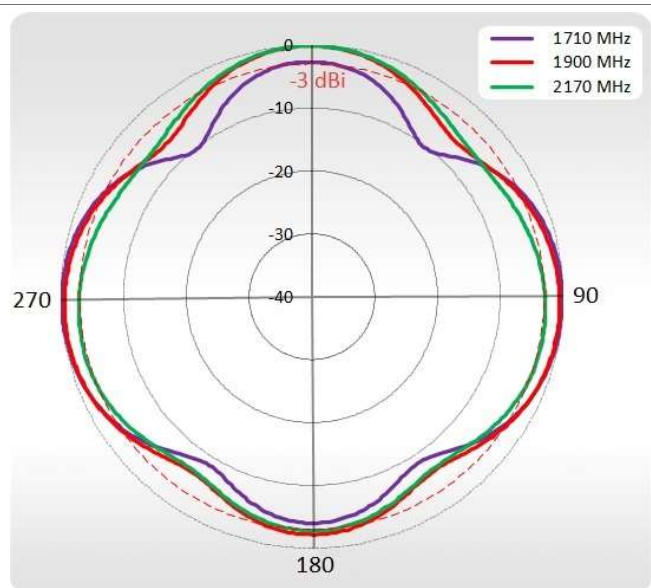
650 – 950 MHz LTE Azimuth



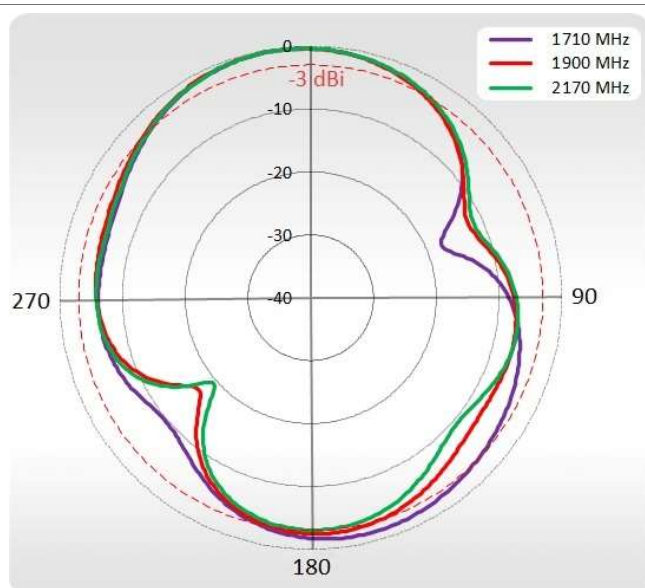
650-950 MHz Elevation



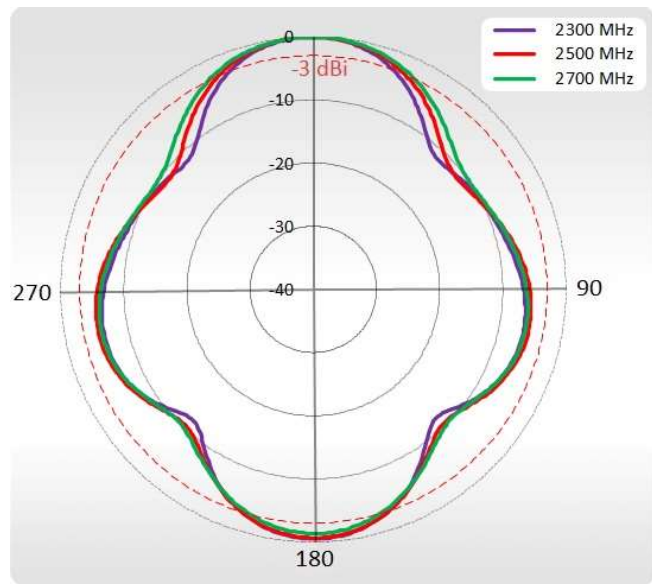
1710-2170 MHz Azimuth



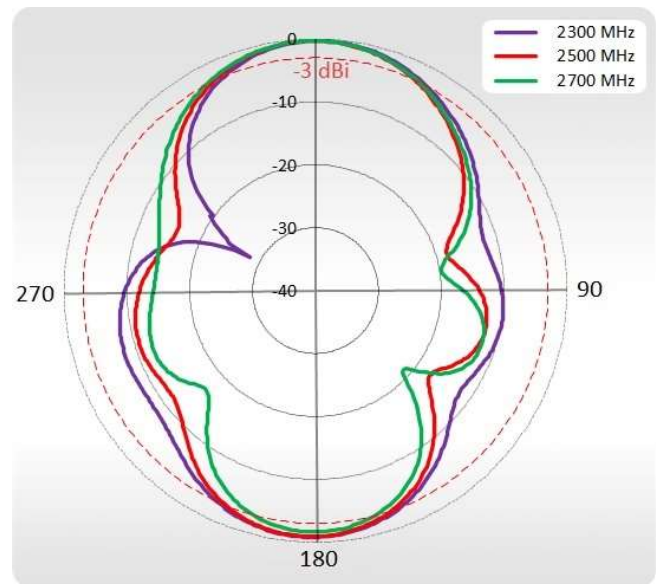
1710-2170 MHz Elevation



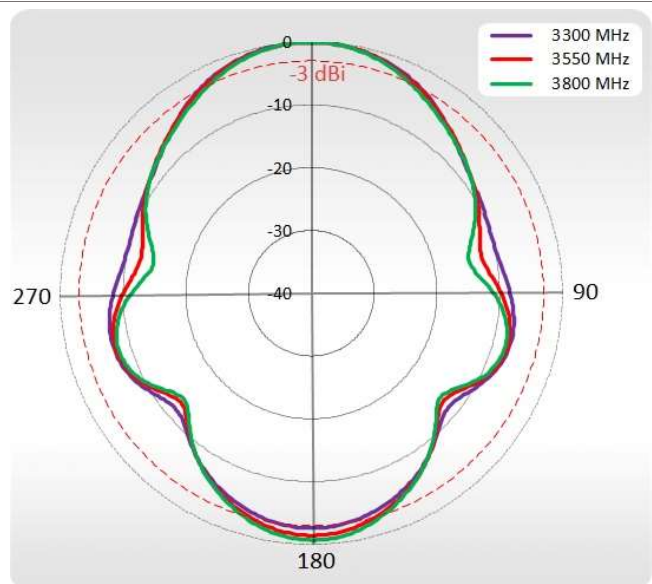
2300-2700 MHz Azimuth



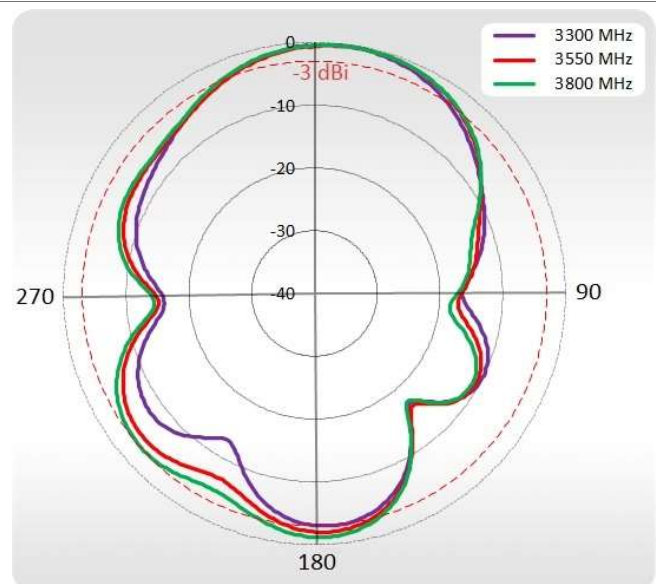
2300-2700 MHz Elevation



3300-3800 MHz Azimuth



3300-3800 MHz Elevation

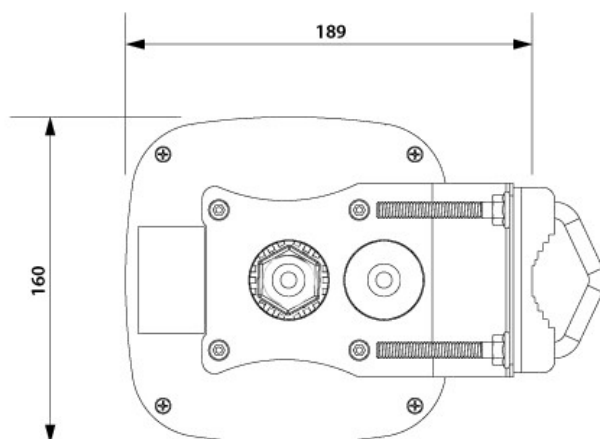
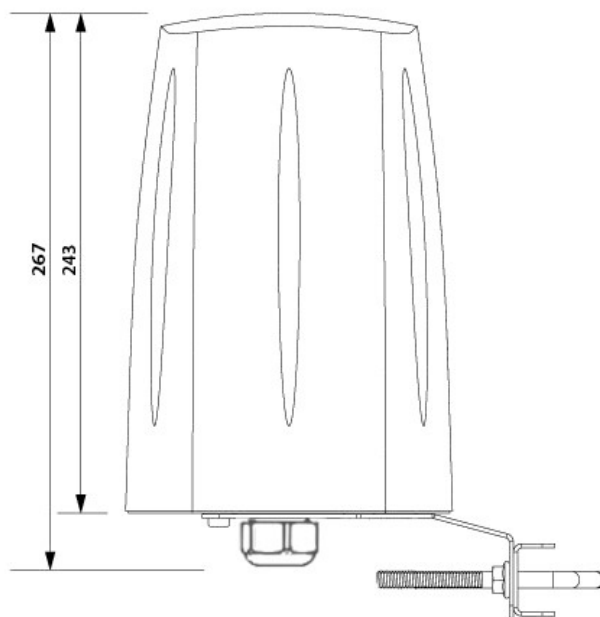




## PHOTOS



## DIMENSIONS



### HEADQUARTER:

Wireless Instruments sp. z o.o.

ul. Kościuszki 27

52-116 Iwiny

POLAND

[sales@quwireless.com](mailto:sales@quwireless.com)

tel 1. +48 601 366 369

tel 2. +48 577 667 761

[www.quwireless.com](http://www.quwireless.com)