


# QuMax Omni for Cthings

**INTEGRATED MULTI-BAND LTE OMNI ANTENNA + WIFI OMNI ANTENNA + POWER SUPPLY + PLACE TO INSTALL CTHINGS IOTLINK (ALL-IN-ONE)**

QuMax Omni all-in-one antenna for CTHINGS IOTLINK router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni LTE and Wi-Fi antenna. If you use CTHINGS IOTLINK with QuMax Omni antenna, you get an integrated complete solution with embedded router, multi band antennas and power supply in one enclosure.

**4G**  
LTE**Wi Fi**  
DUALBAND 2.4GHz  
5GHz  
694-2700MHz  
6 dBi  
OMNI  
DIRECTIONAL  
IP 67  
-40° TO +80°

OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



ANTENNA PERFECTLY MATCHED WITH THE CTHINGS IOTLINK



ALL ANTENNAS AND CTHINGS ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



## LTE SPECIFICATION

<b>FREQUENCY</b>	0.694-0.96 GHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n95
<b>GAIN</b>	0.694 - 0.96 GHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.5 - 2.7 GHz : 6 dBi
<b>VSWR</b>	<1.50, max <2.50
<b>BEAMWIDTH</b>	360°/25° +/- 5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## WI-FI SPECIFICATION

<b>FREQUENCY</b>	2.4 - 2.5 GHz 4.7 - 6.0 GHz
<b>GAIN</b>	2.4 - 2.5 GHz: 6 dBi 4.7 - 6.0 GHz: 7 dBi
<b>VSWR</b>	<1.70, max <2.00
<b>BEAMWIDTH</b>	360°/25° +/- 5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

<b>MATERIAL</b>	ABS, aluminum, PTFE, Fiberglass
<b>INGRESS PROTECTION</b>	IP67
<b>CONNECTOR TYPE</b>	QuPS3
<b>DIMENSIONS</b>	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0.6 - 0.8 Nm

## MOUNTING KIT

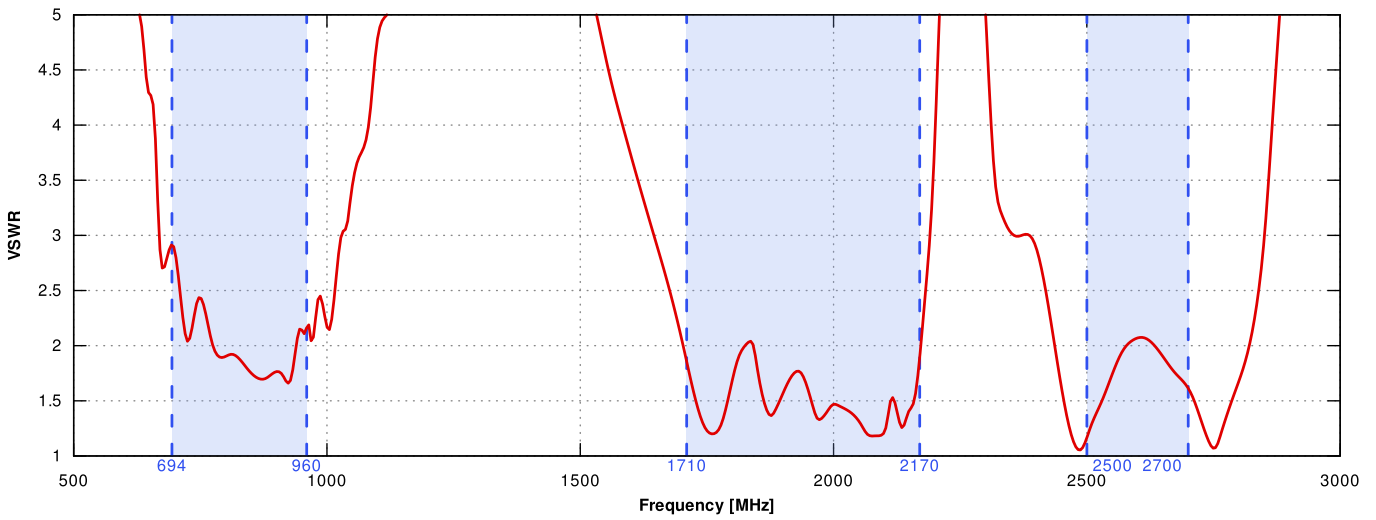
<b>DIMENSIONS</b>	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
<b>REGULATION RANGE</b>	+/- 30°
<b>MAST DIAMETER RANGE</b>	25 - 66mm 0.98-2.60 inch
<b>MATERIAL</b>	Polyamide with fiberglass + galvanized steel U-Bolts
<b>WEIGHT</b>	0.87kg
<b>MOUNTING PLACE</b>	Wall or mast or ceiling

## COMPATIBLE ROUTERS

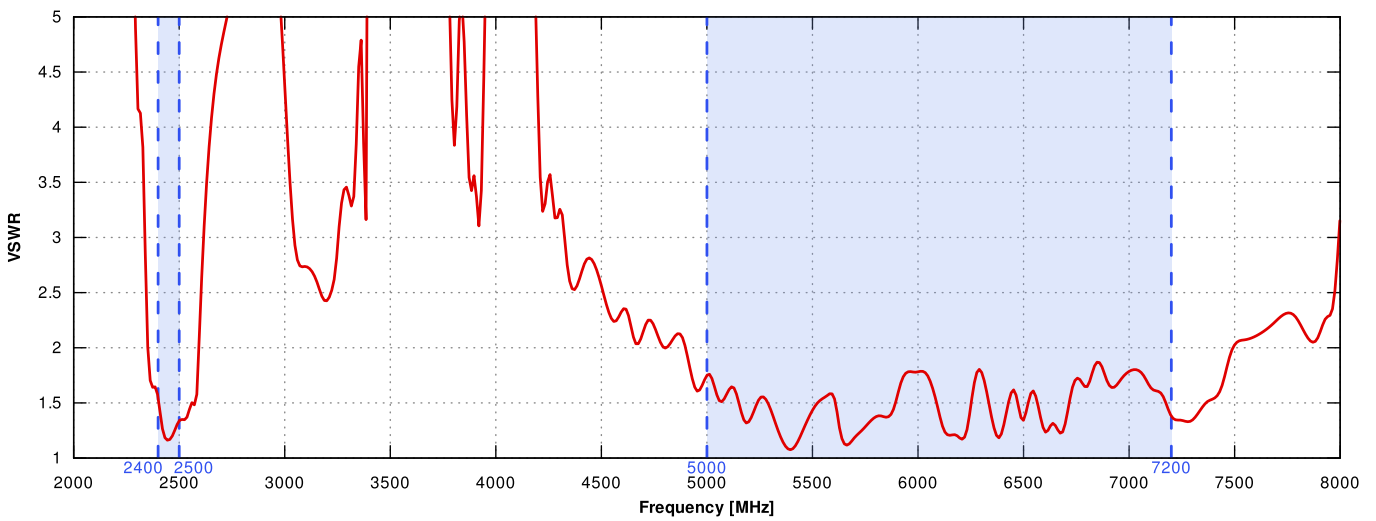
VARIANT: ACTOMO \_\_\_\_\_

# PLOTS

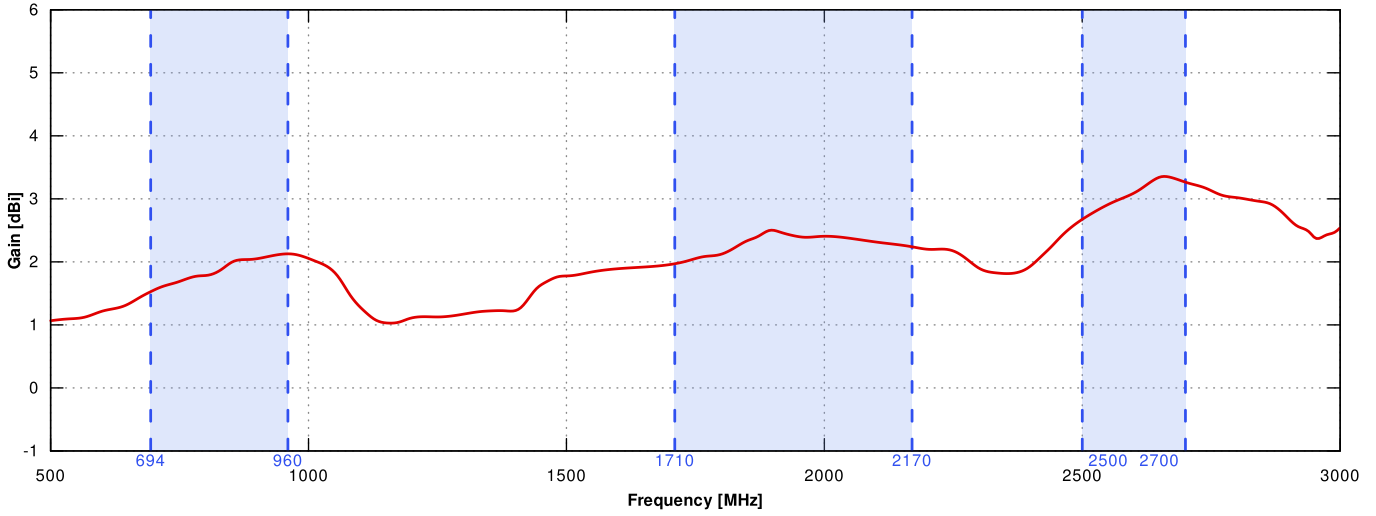
## LTE VSWR



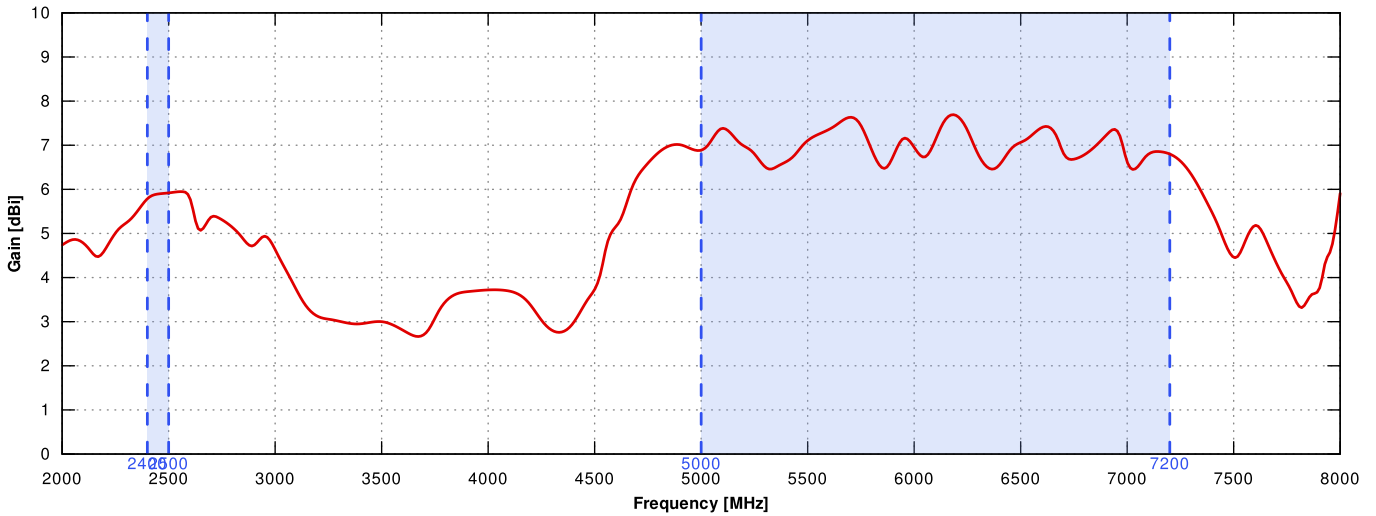
## WI-FI VSWR



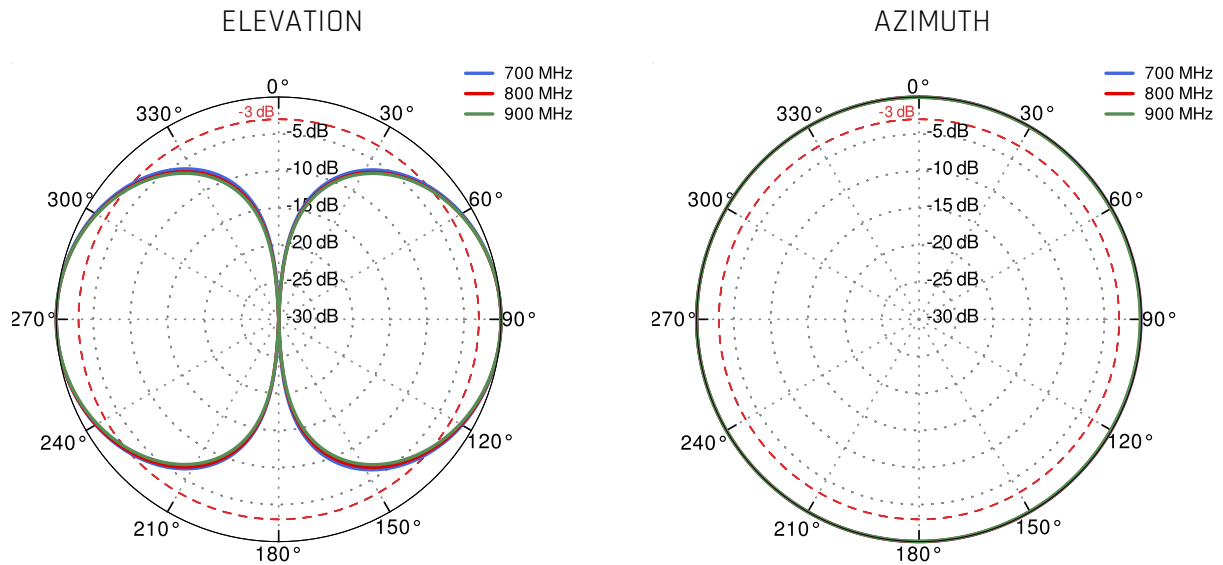
### LTE Gain



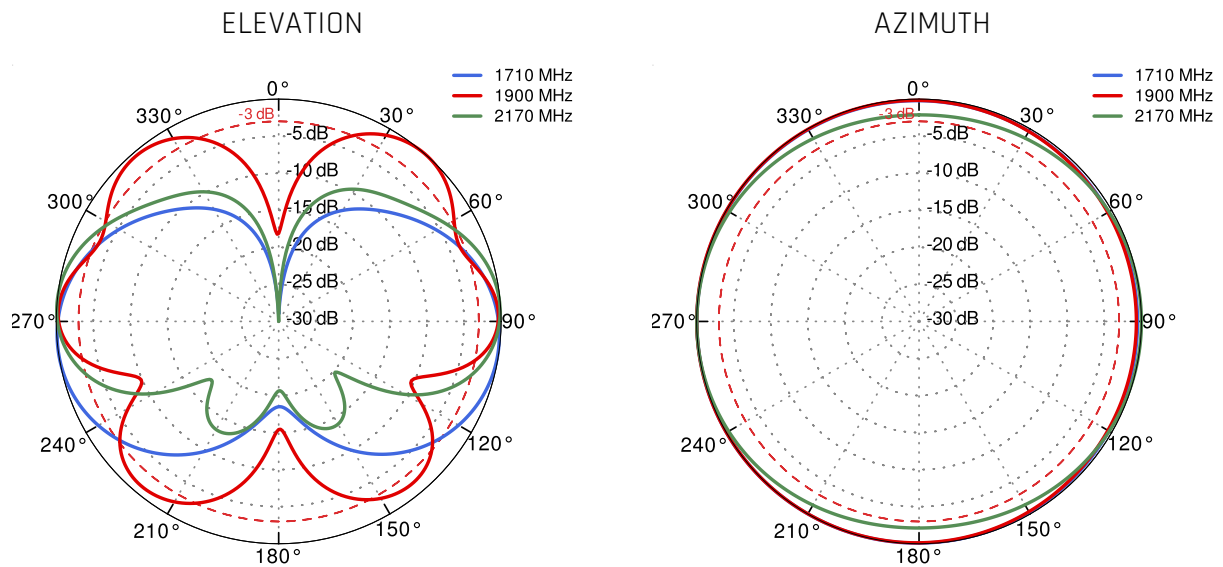
### Wi-Fi Gain



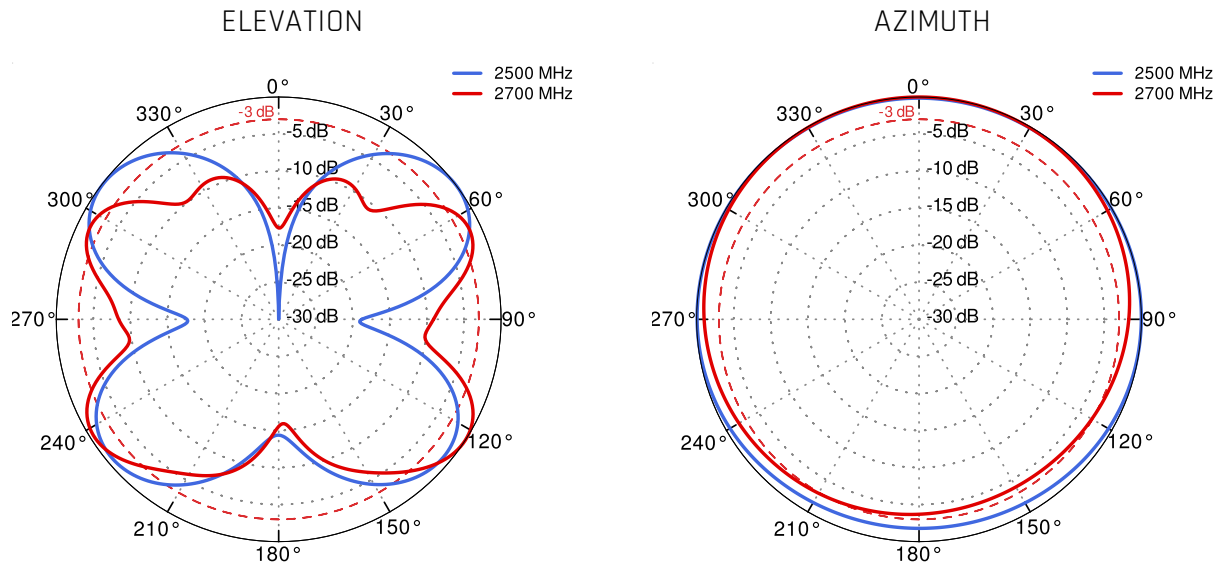
### LTE from 700MHz to 900MHz



### LTE from 1.71GHz to 2.17GHz



### LTE from 2.3GHz to 2.7GHz



### Wi-Fi 2.4GHz and 5GHz and 6GHz

