

# QuSpot for Digi IX10

## INTEGRATED MULTI-BAND 5G OMNI ANTENNA + POE SPLITTER + PLACE TO INSTALL DIGI IX10 (ALL-IN-ONE)

QuSpot antenna for **DIGI IX10** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 5G antenna. If you use IX10 with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a [Passive PoE splitter](#), allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.

**5G****2x2 MIMO****BAND 71****617-6000MHz****5 dBi****OMNI DIRECTIONAL****IP 68****-40° TO +80°**

OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68



ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



## 5G/LTE ANTENNA SPECIFICATION

|                        |                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FREQUENCY              | 617 - 960 MHz<br>1.7 - 2.7 GHz<br>3.3 - 4.7 GHz<br>5.2 - 6.0 GHz                                                                                                                                                                                |
| GAIN                   | 617 - 960 MHz : 3 dBi<br>1.7 - 2.7 GHz : 4 dBi<br>3.3 - 4.7 GHz : 4.5 dBi<br>5.2 - 6.0 GHz : 2.5dBi                                                                                                                                             |
| SUPPORTED LTE/5G 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 |
| VSWR                   | <1.80, max <2.00                                                                                                                                                                                                                                |
| BEAMWIDTH              | 360°/35° ±5°                                                                                                                                                                                                                                    |
| POLARIZATION           | Vertical                                                                                                                                                                                                                                        |
| IMPEDANCE              | 50 $\Omega$                                                                                                                                                                                                                                     |

## MECHANICAL SPECIFICATION

|                       |                                             |
|-----------------------|---------------------------------------------|
| MATERIALS             | ABS, aluminum, PTFE                         |
| CONNECTOR TYPE        | RJ45                                        |
| INGRESS PROTECTION    | IP68                                        |
| DIMENSIONS            | 160 x 160 x 240 mm<br>6.3 x 6.3 x 9.45 inch |
| WEIGHT                | 1.5 kg<br>3.31 lbs                          |
| OPERATING TEMPERATURE | From -40°C to 80°C<br>From -40°F to 176°F   |
| MAST DIAMETER         | 40-60 mm<br>1.57-2.36 inch                  |

## FREQUENCY BANDS

|               |                                                                                                                                        |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
| LTE / 4G GSM  | <div>581213141718</div> <div>617 MHz<div>19202627282944</div></div> <div>676885103n81n82n83</div> <div>n89100</div> <div>960 MHz</div> |
| LTE / 4G UMTS | <div>123491025</div> <div>1710 MHz<div>333435363739n80</div></div> <div>n84n86n95n98n101</div> <div>2170 MHz</div>                     |

**LTE / 4G WCS DARS**

2300  
MHz

30

40

n97

2400  
MHz

**LTE / 4G**

2400  
MHz

7

38

41

53

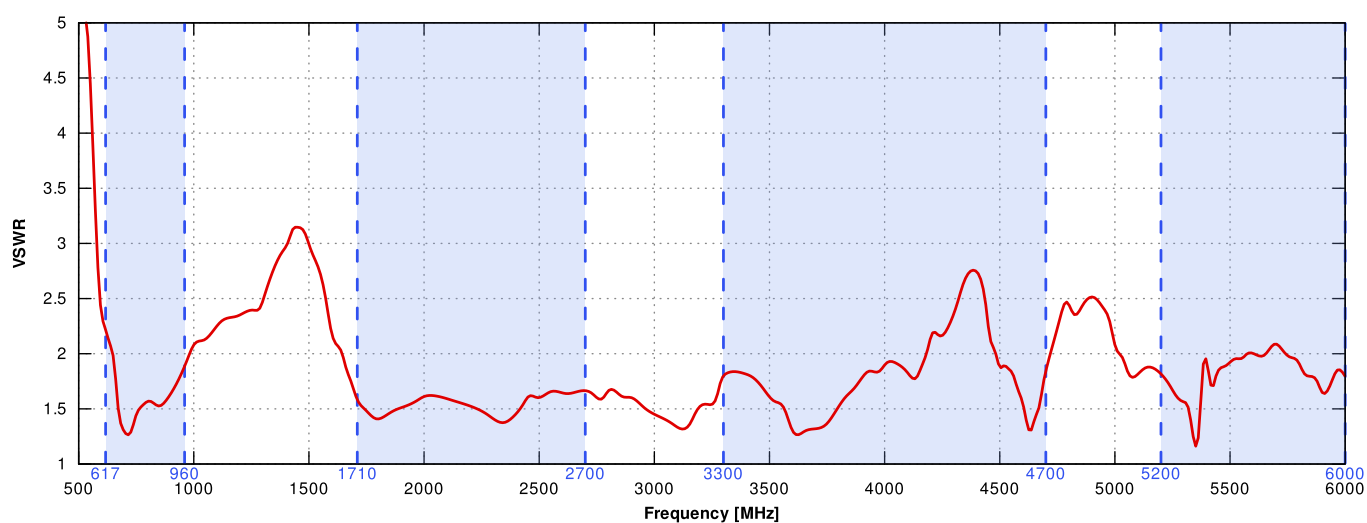
69

n90

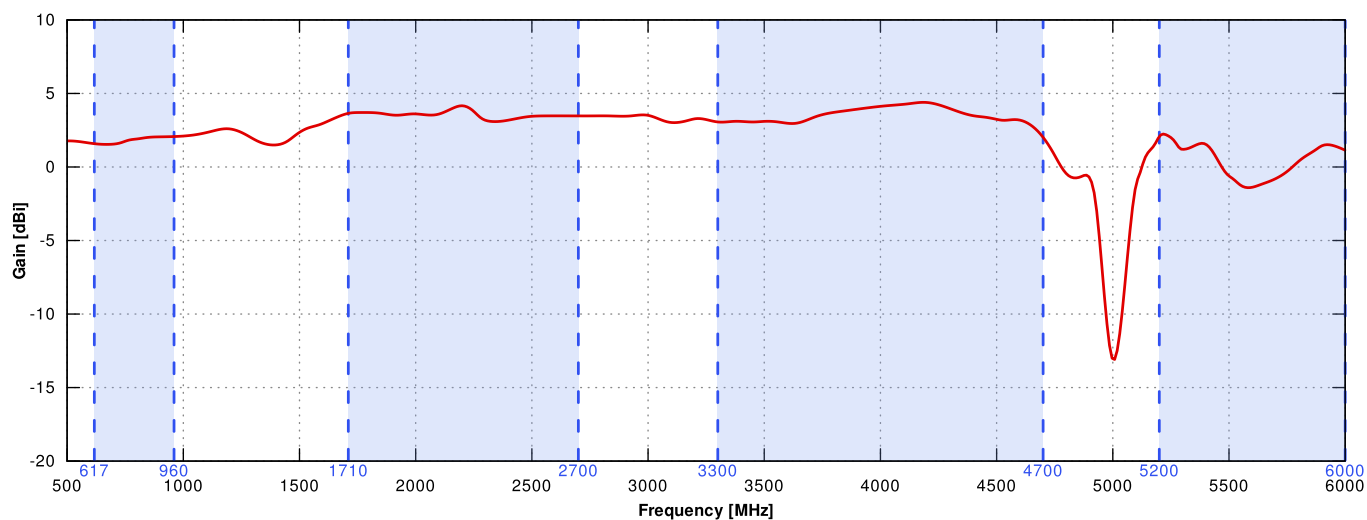
2700  
MHz

## PLOTS

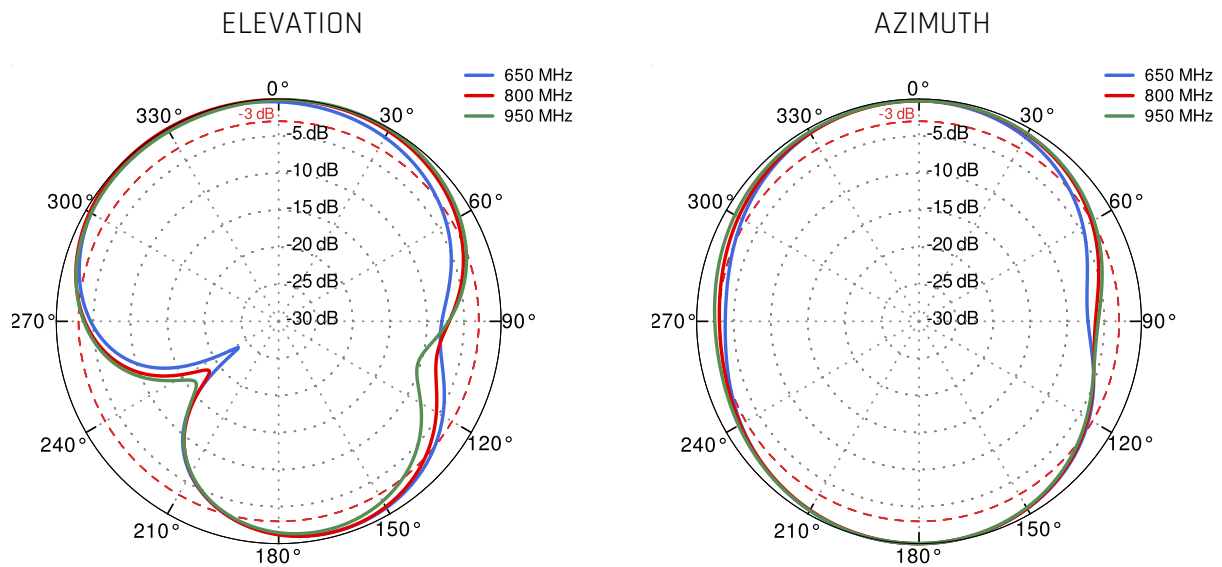
VSWR for 5G/LTE antenna



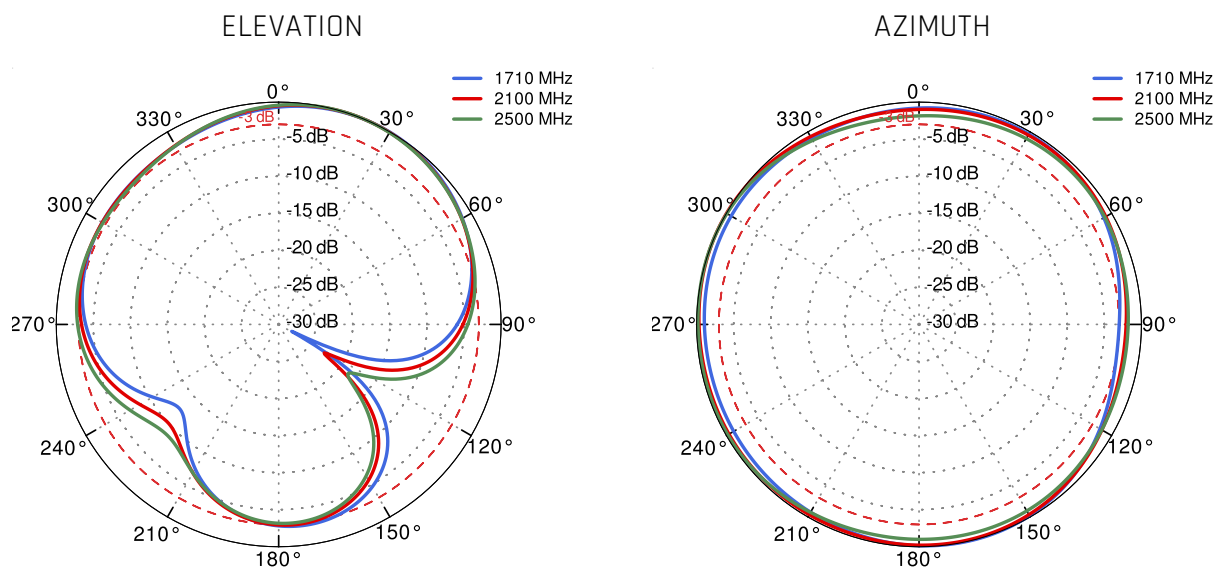
Gain for 5G/LTE antenna



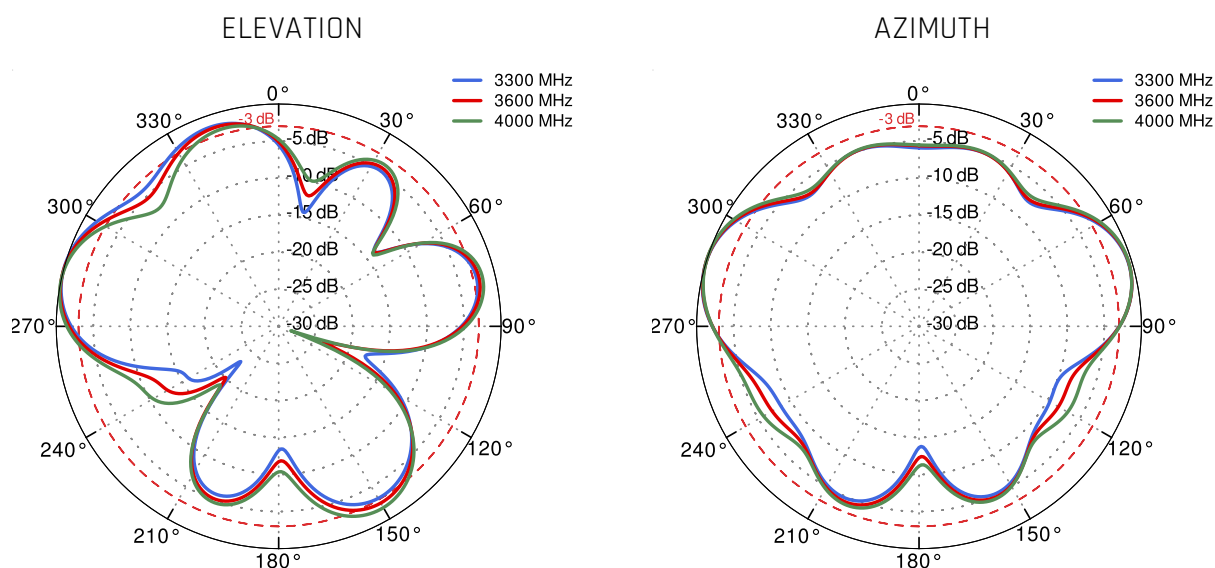
## 5G/LTE from 650MHz to 950MHz



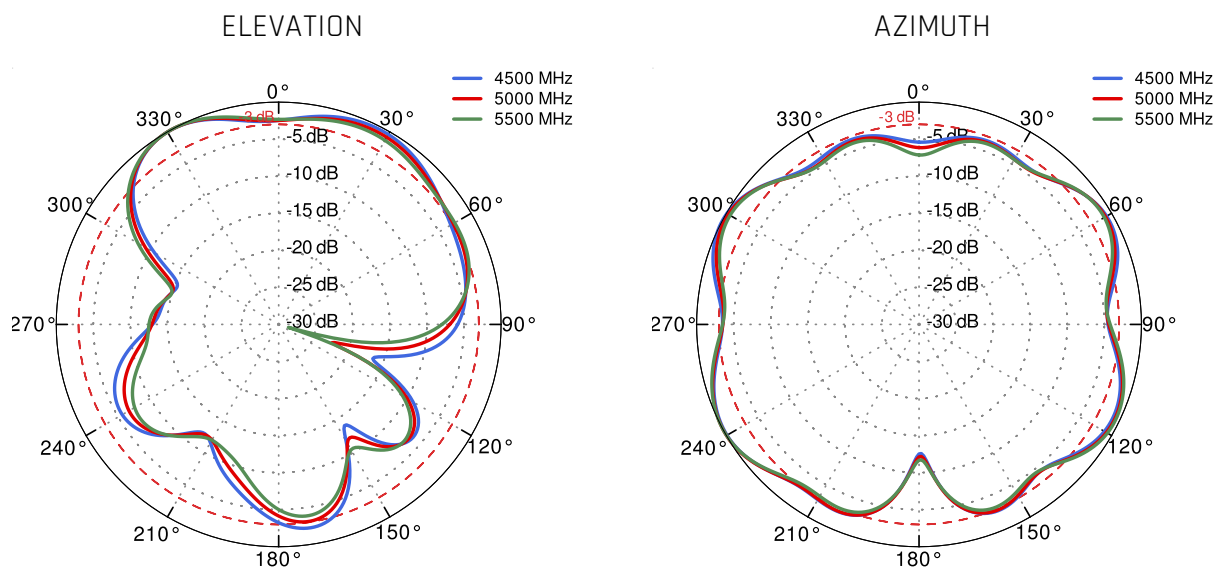
## 5G/LTE from 1.71GHz to 2.5GHz



## 5G/LTE from 3.3GHz to 4.0GHz



## 5G/LTE from 4.5GHz to 5.5GHz



## DIMENSIONS

