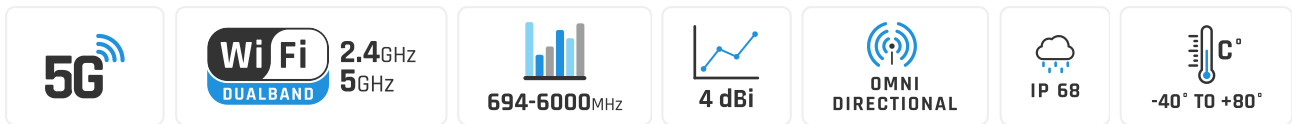


# QuCam for Teltonika RUTX50 230V

**Outdoor CCTV LTE PoE gateway with embedded 5G router & PoE switch for CCTV cameras.**

QuCam for RUTX50 is a powerful outdoor industrial gateway for professional CCTV application with embedded PoE switch for up to 3x CCTV cameras and place to install Teltonika RUTX50. QuCam for RUTX50 also has integrated omnidirectional LTE and Wi-Fi antennas. The mobile router delivers high performance for mission-critical cellular communication in harsh and hazardous environments where a wide operating temperature is required. TSW100 and RUTX50 included.



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



MOUNTING SYSTEM WITH TWO PLANES, 60 DEGREES REGULATION



3 X ACTIVE POE OUTPUT (802.3 AF / AT)



SIM CARD SLOT



MADE IN **EUROPE**



## 5G/LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
<b>GAIN</b>	617 - 960 MHz : 3 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
<b>SUPPORTED LTE/5G 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, 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

## **WI-FI ANTENNA SPECIFICATION**

<b>FREQUENCY</b>	2.4 - 2.5 GHz 5.0 - 7.2 GHz
<b>GAIN</b>	2.4 - 2.5 GHz : 6 dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
<b>VSWR</b>	<1.50, max <2.00
<b>BEAMWIDTH</b>	360°/25° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## **POWER SUPPLY ELECTRICAL INPUT SPECIFICATION**

<b>INPUT VOLTAGE</b>	85 ... 264VAC
<b>INPUT FREQUENCY</b>	47 ... 63Hz
<b>INPUT CURRENT</b>	1,2A/230VAC
<b>INRUSH CURRENT</b>	50A/230VAC
<b>AC LEAKAGE CURRENT</b>	max. 0,75mA/240VAC
<b>EFFICIENCY</b>	91%

# POWER SUPPLY ELECTRICAL OUTPUT SPECIFICATION

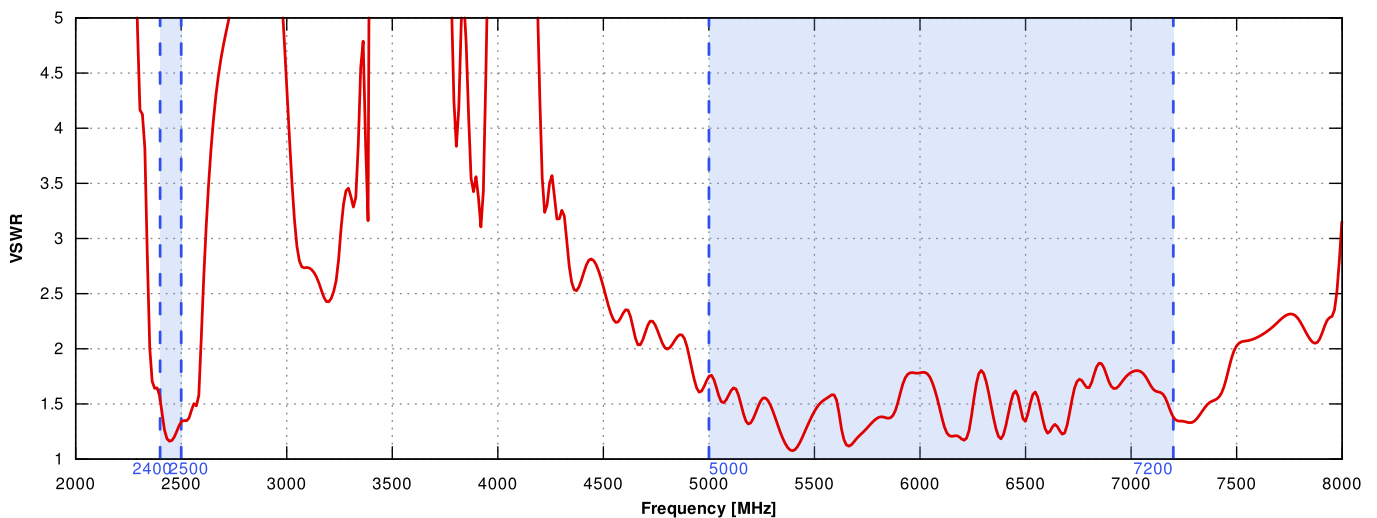
<b>OUTPUT VOLTAGE</b>	44 ... 57VDC
<b>OUTPUT POWER</b>	120W
<b>OUTPUT POWER PER PORT</b>	30W
<b>ETHERNET PORTS</b>	4x RJ45 10/100/1000Mbps
<b>IEEE 802.3 STANDARDS:</b>	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

## COMPATIBLE ROUTERS

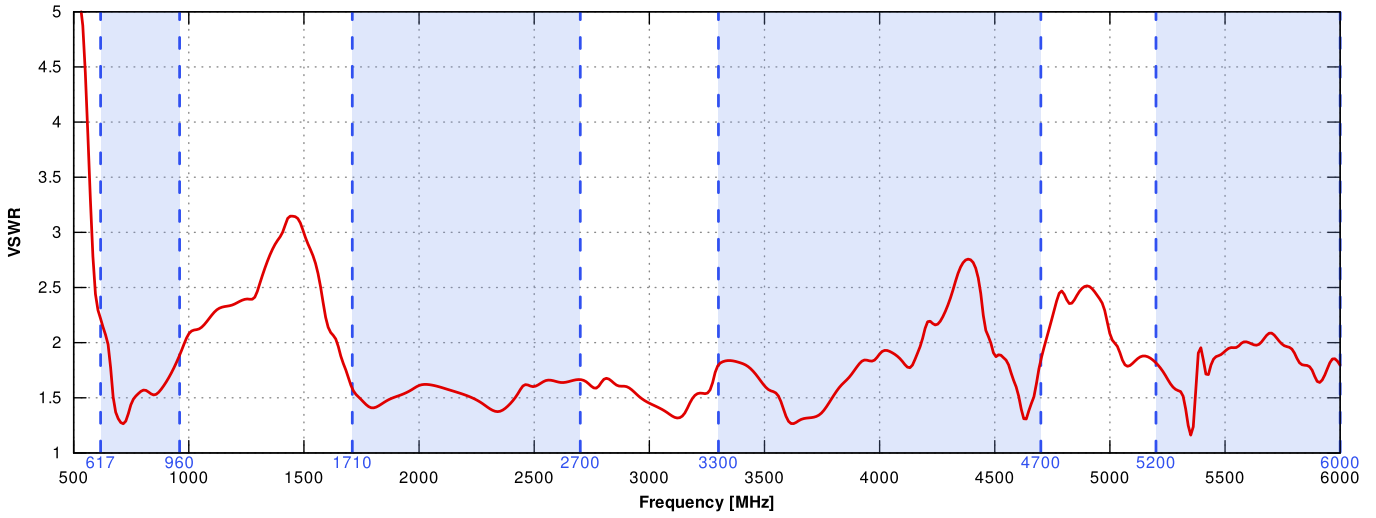
VARIANT: CX50AC

## PLOTS

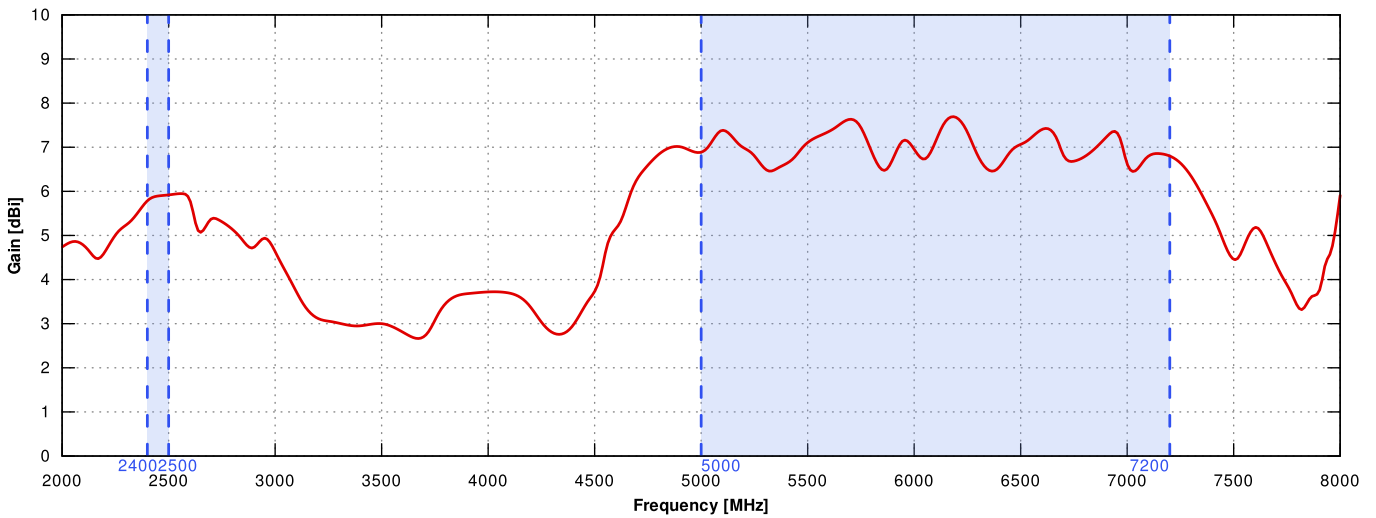
VSWR FOR WI-FI ANTENNA



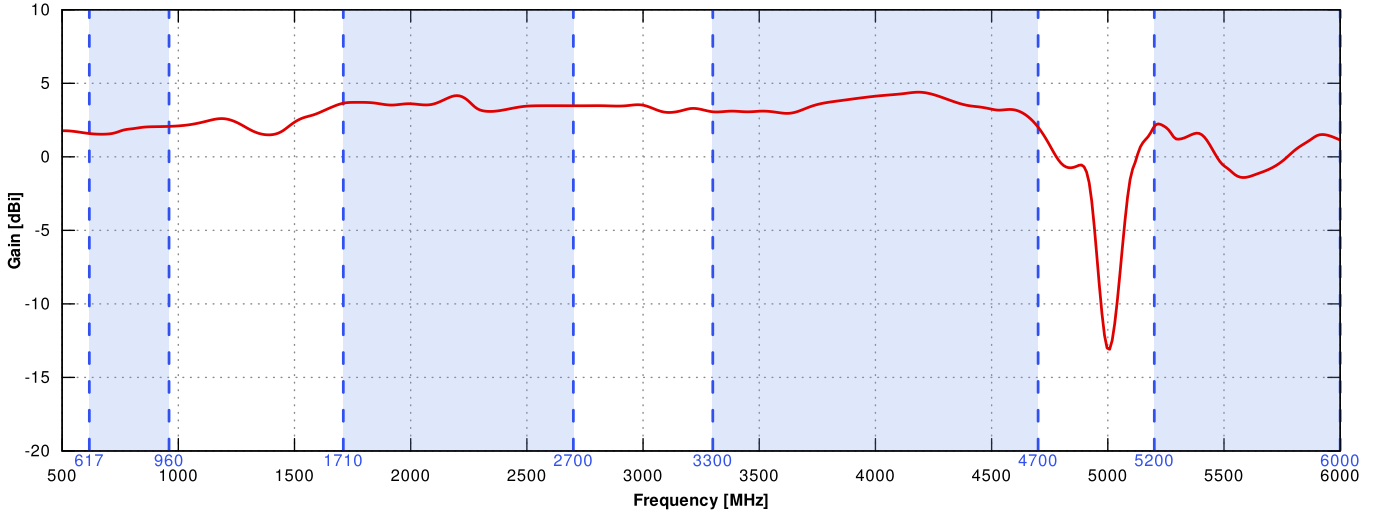
### VSWR FOR 5G/LTE ANTENNA



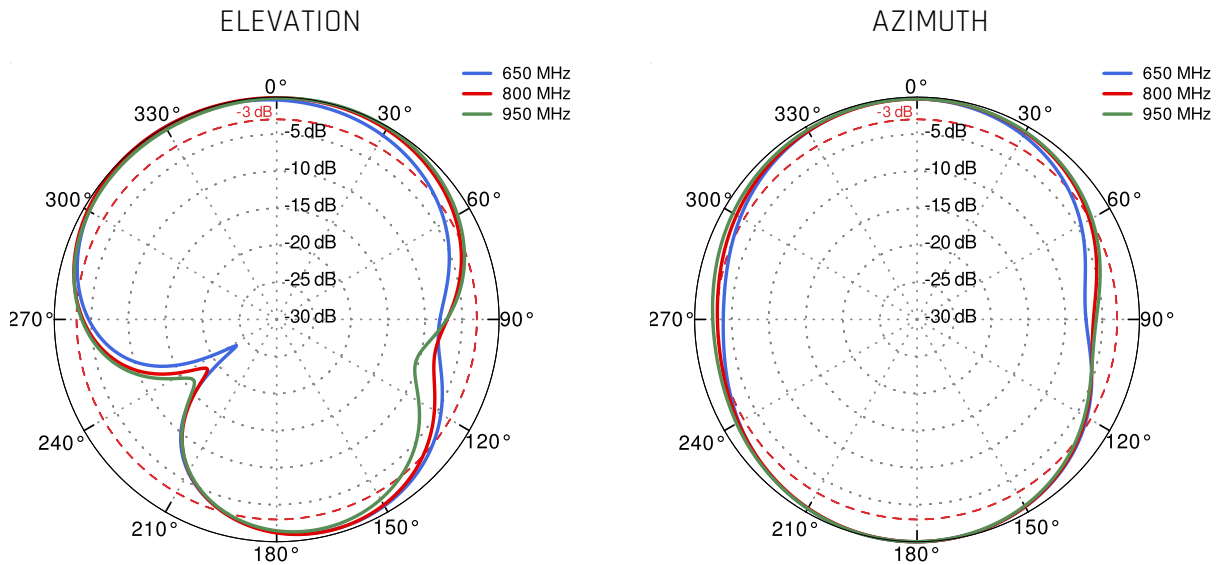
### GAIN FOR WI-FI ANTENNA



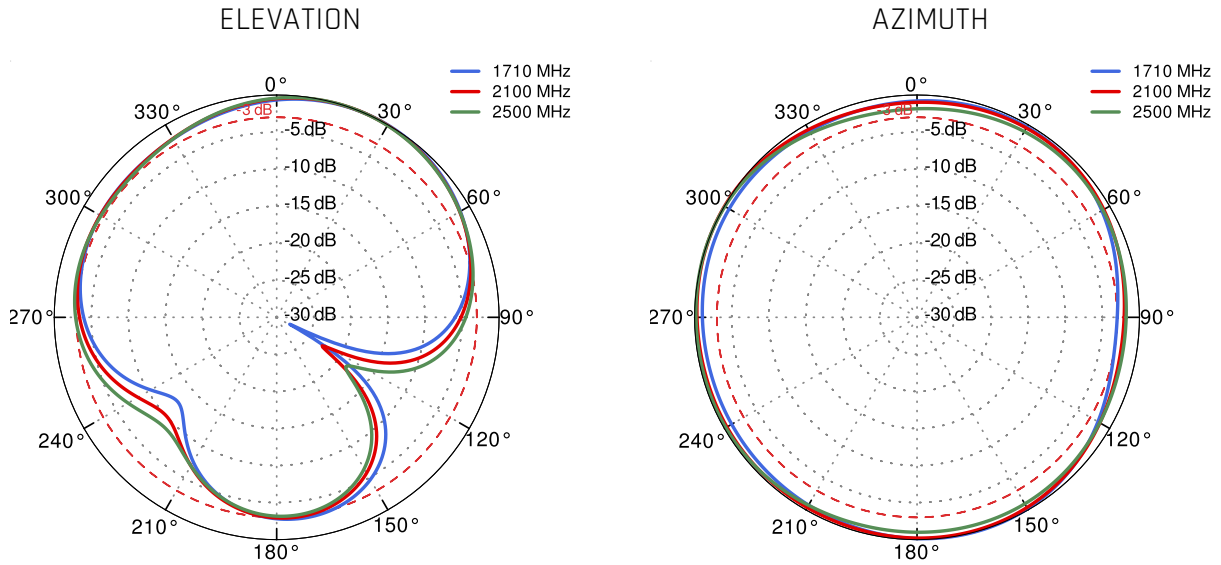
### GAIN FOR 5G/LTE ANTENNA



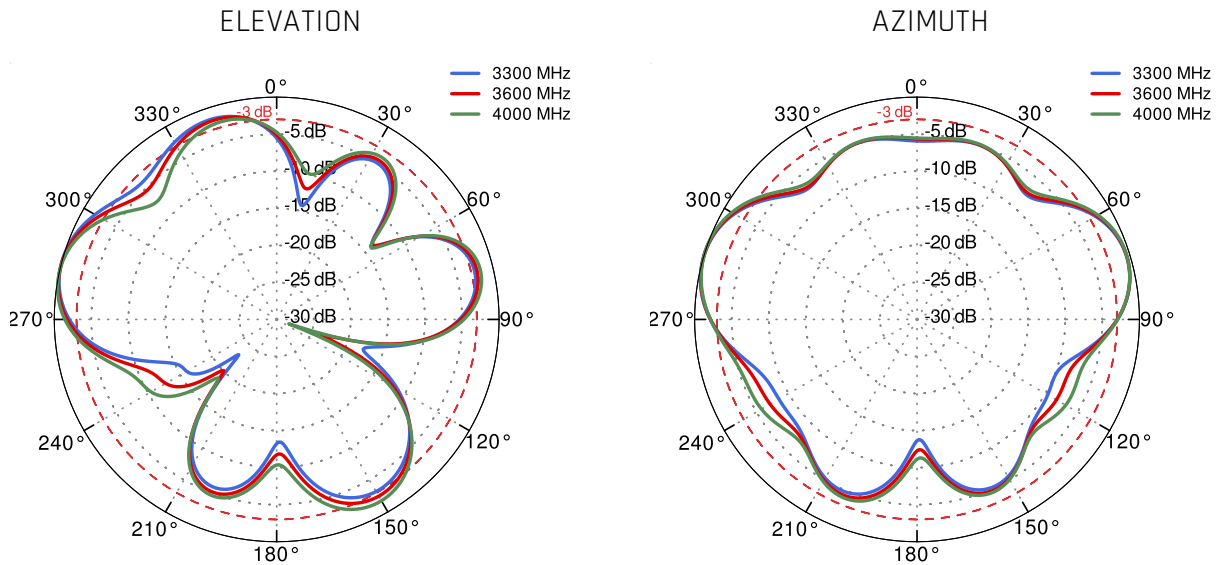
### 5G/LTE from 650MHz to 950MHz



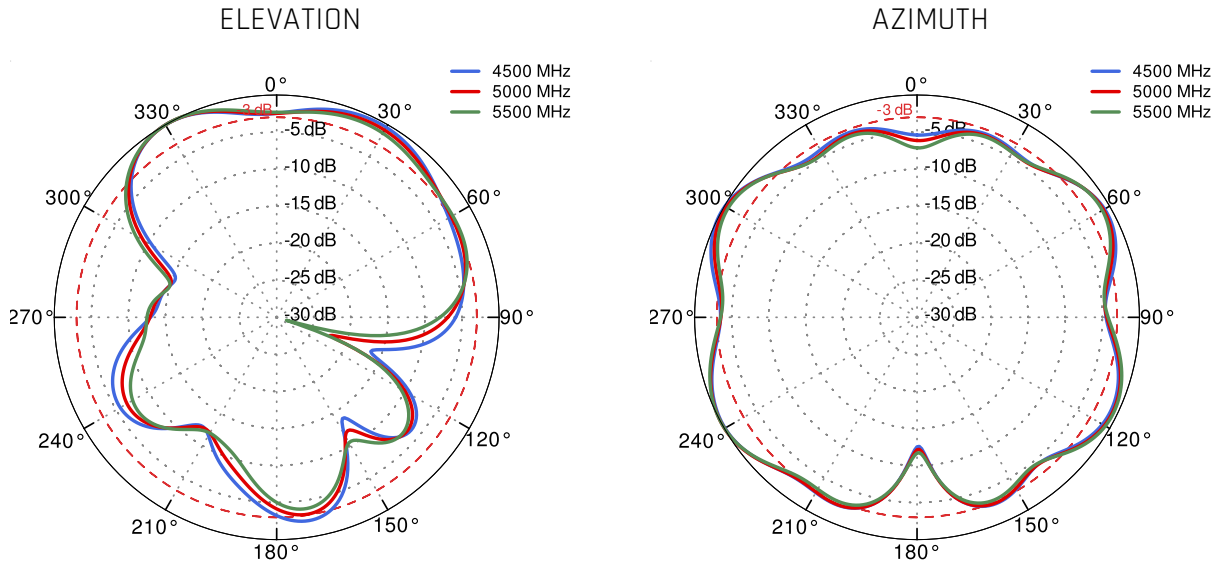
5G/LTE from 1.71GHz to 2.5GHz



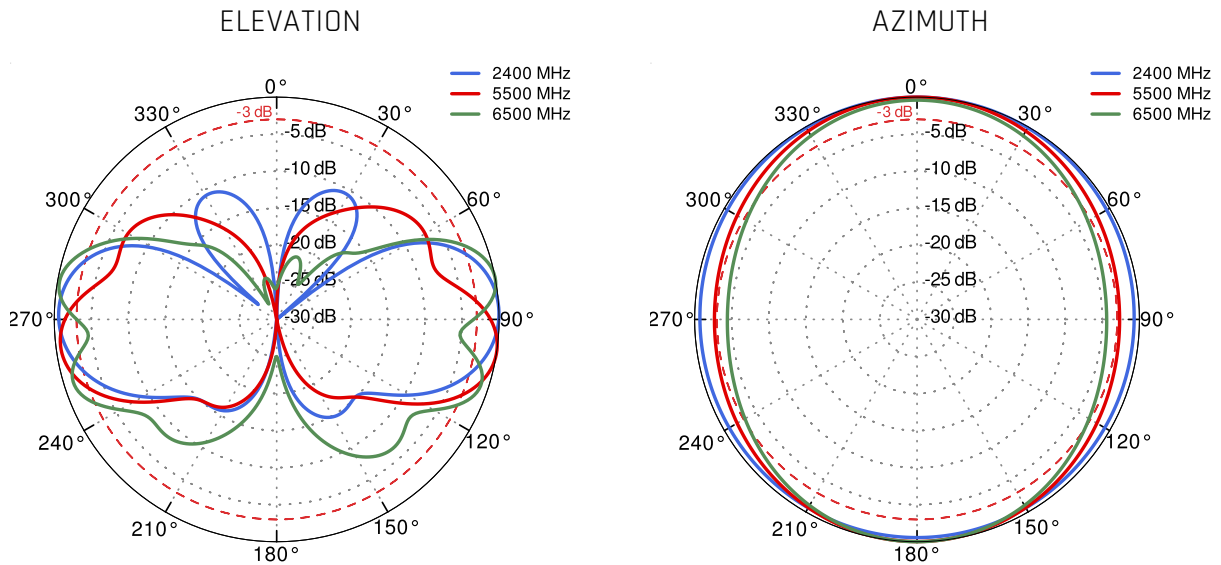
5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



Wi-Fi 2.4GHz to 6.5GHz



## PORTS

