

QuCAM (Wave) for Teltonika RUTX50 230V

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

QuCam for Teltonika RUTX50 230V is a powerful outdoor industrial gateway for professional CCTV application with embedded PoE switch for up to 4x CCTV cameras and place to install Teltonika RUTX50 **(not included in gateway set)**.

QuCam for Teltonika RUTX50 230V also has integrated omnidirectional 5G/LTE, Wi-Fi and GPS antennas. The mobile router delivers high performance for mission-critical cellular communication in harsh and hazardous environments where a wide operating temperature is required. Equipped with an external SIM holder.



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



4X ACTIVE POE OUTPUT (802.3 AF / AT)



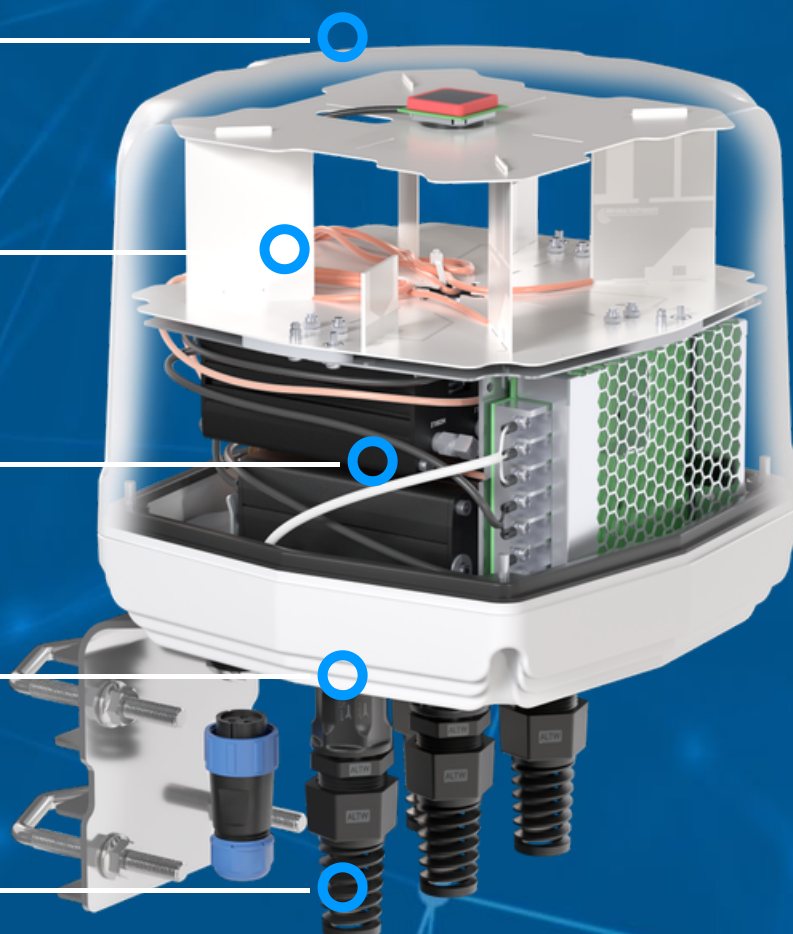
SIM CARD SLOT



GALVANIZED STEEL, WALL OR POLE MOUNTING BRACKET



MADE IN EUROPE



5G / LTE ANTENNA SPECIFICATION

FREQUENCY	0.58 - 2.0 GHz 2.0 - 3.5 GHz 3.5 - 5.0 GHz 5.0 - 6.35 GHz
MAX. GAIN	0.58 - 2.0 GHz : 2 dBi 2.0 - 3.5 GHz : 3.2 dBi 3.5 - 5.0 GHz : 3.1 dBi 5.0 - 6.35 GHz : 3.8 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 74, 75, 76, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n50, n51, n53, n54, n65, n66, n67, n68, n70, n71, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n91, n92, n93, n94, n95, n97, n98, n99, n100, n101, n105, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.50, max <3.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	4x SMA
CABLE TYPE	RG316

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
MAX. GAIN	2.4 - 2.5 GHz: 2dBi 5.0 - 7.2 GHz: 5dBi
VSWR	< 2.50
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

GPS ACTIVE ANTENNA SPECIFICATION

FREQUENCY	1.56 - 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5 - 6.5 mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)

CONNECTOR

1x SMA

CABLE TYPE

RG174

 POWER SUPPLY ELECTRICAL INPUT SPECIFICATION**INPUT VOLTAGE**

85 ... 264VAC

INPUT FREQUENCY

47 ... 63Hz

INPUT CURRENT

1,2A/230VAC

INRUSH CURRENT

50A/230VAC

AC LEAKAGE CURRENT

max. 0,75mA/240VAC

EFFICIENCY

91%

 POWER SUPPLY ELECTRICAL OUTPUT SPECIFICATION**OUTPUT VOLTAGE**

44 ... 57VDC

OUTPUT POWER

120W

OUTPUT POWER PER PORT

30W

ETHERNET PORTS

4x RJ45 10/100/1000Mbps

IEEE 802.3 STANDARDS

802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

MECHANICAL SPECIFICATION

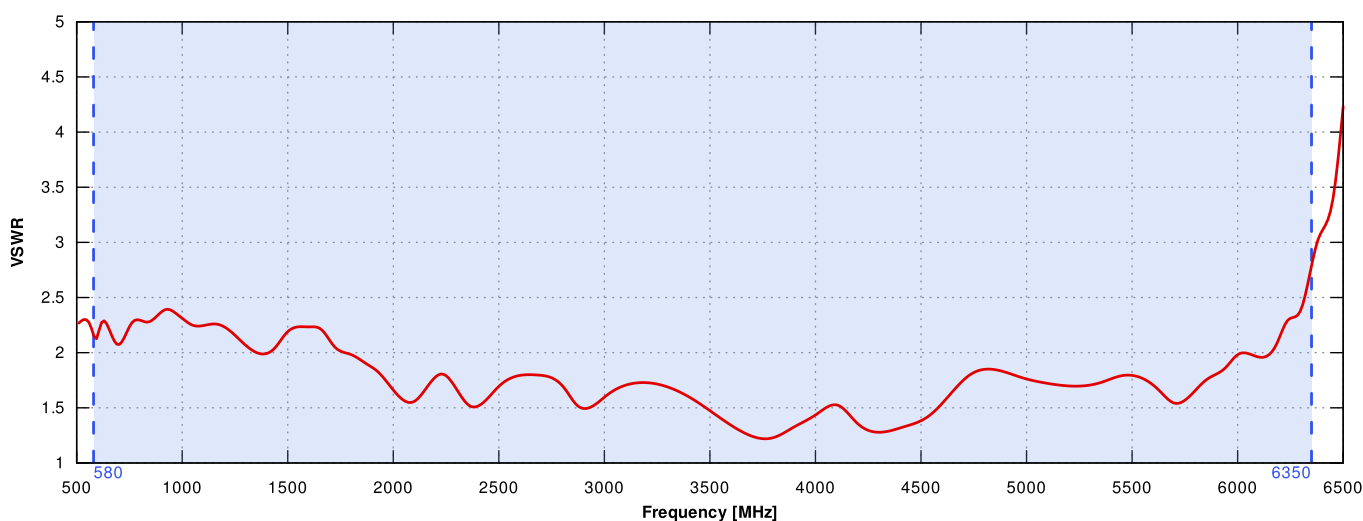
MATERIALS	ABS, aluminum, PTFE
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
OUTER DIMENSIONS	210 x 210 x 205 mm 8.27 x 8.27 x 8.07 inch
INGRESS PROTECTION	IP67
MAST DIAMETER	25-66 mm 0.98-2.60 inch
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm

COMPATIBLE ROUTERS

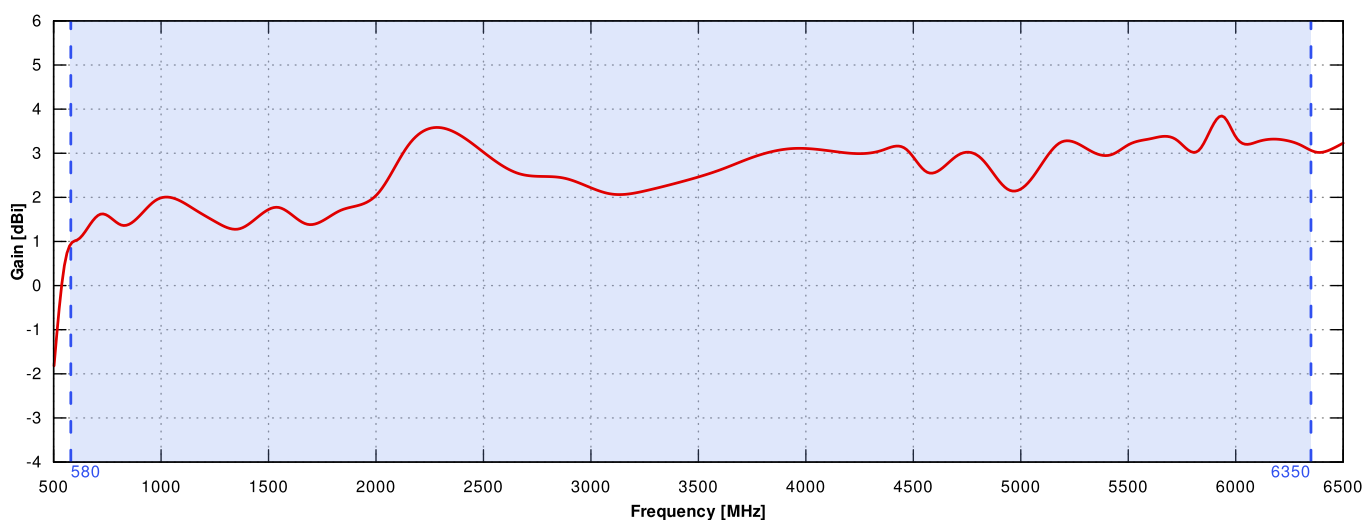
VARIANT: CX50WAC —————

PLOTS

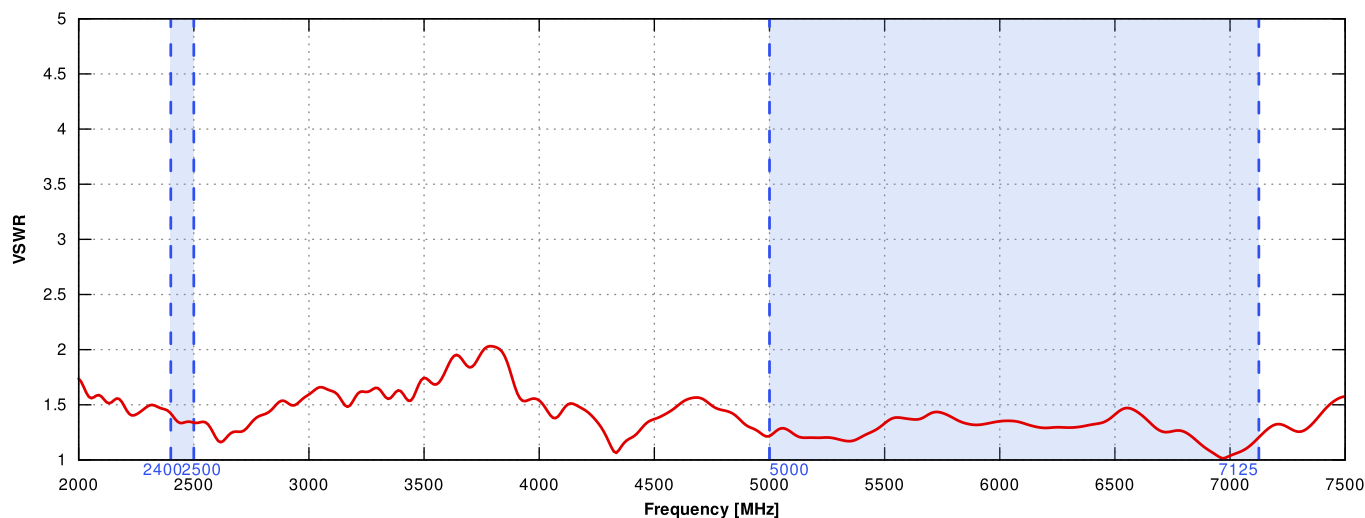
5G/LTE VSWR



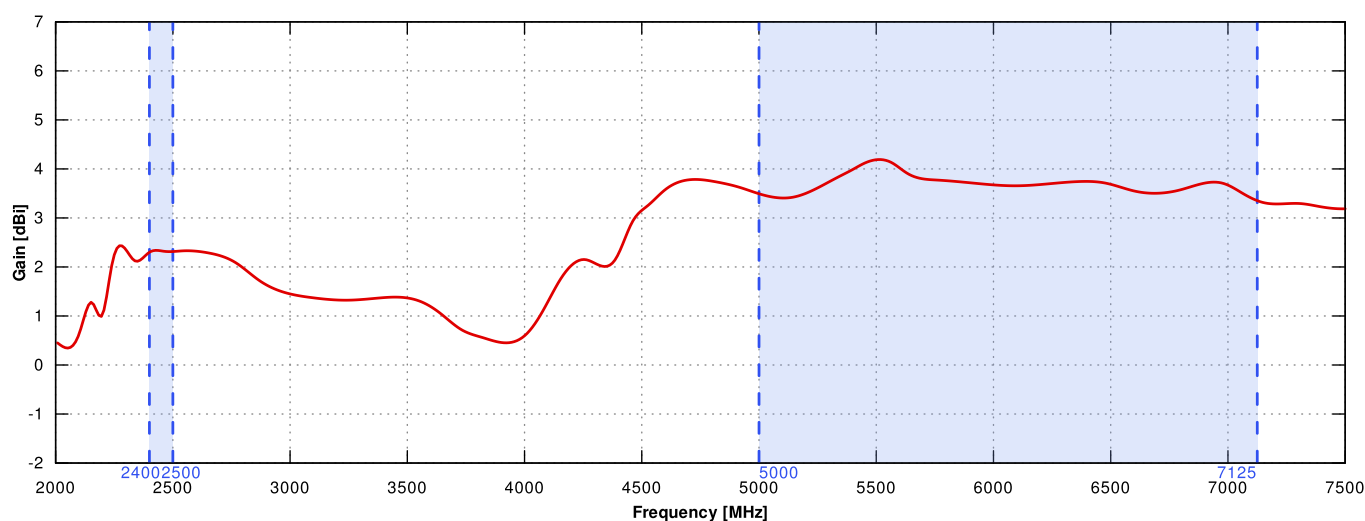
5G/LTE Gain



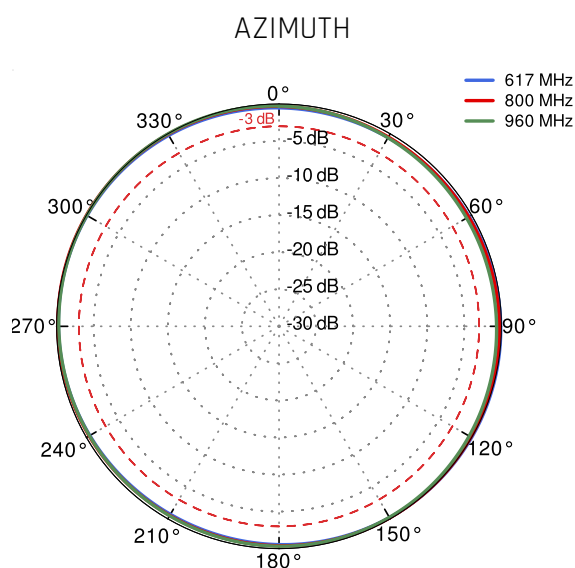
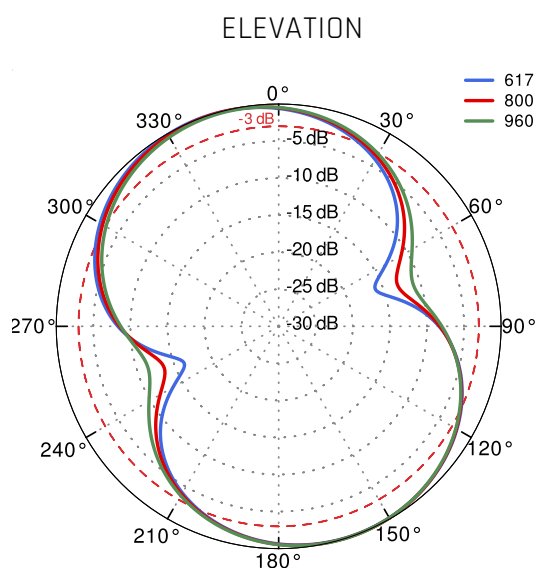
WI-FI VSWR



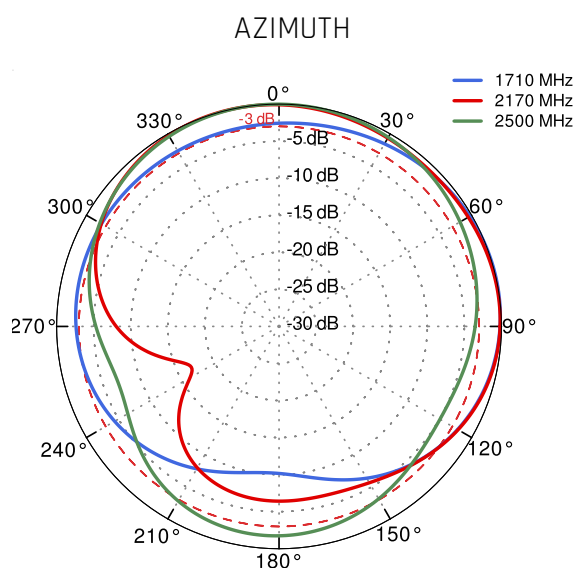
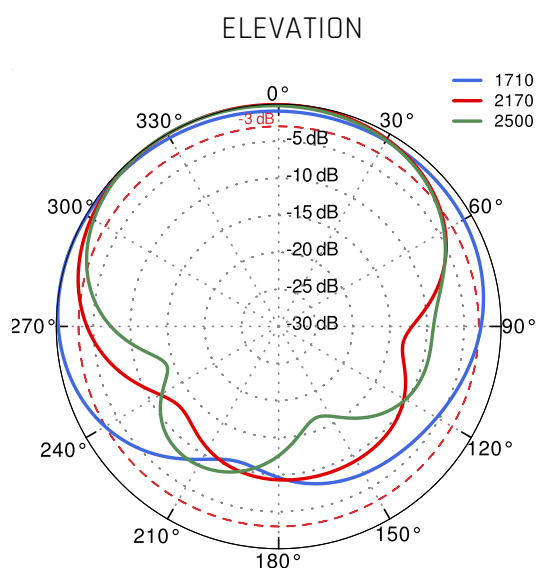
WI-FI Gain



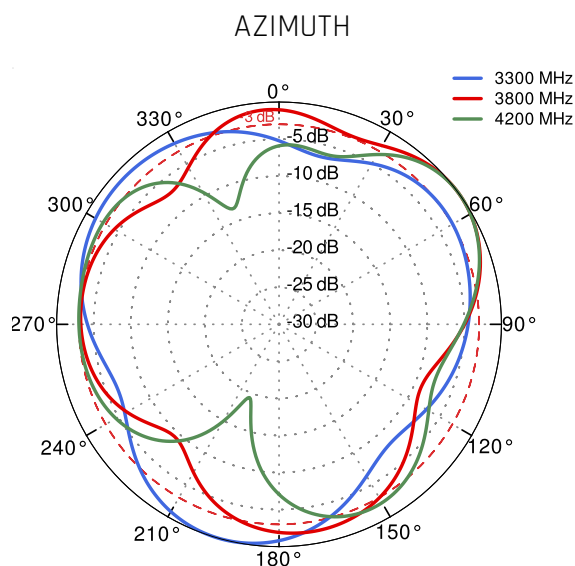
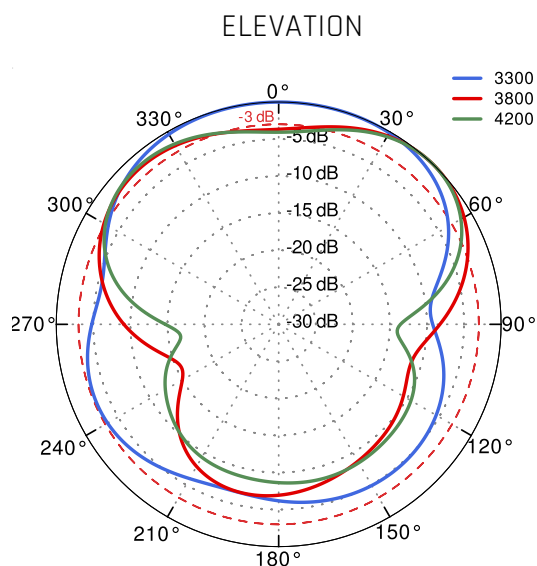
5G/LTE From 617MHz to 960MHz



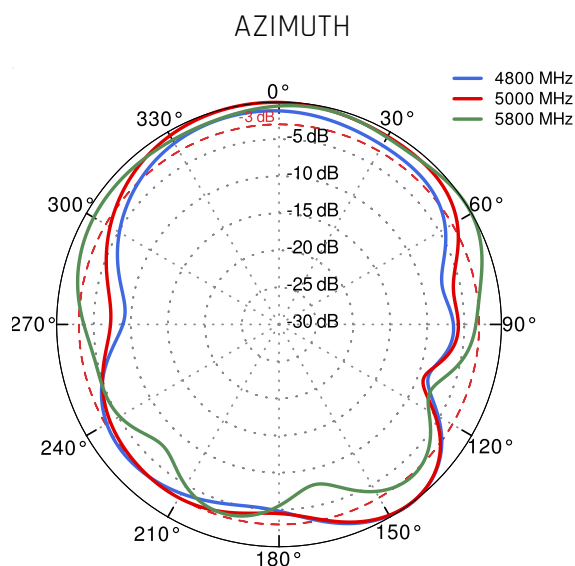
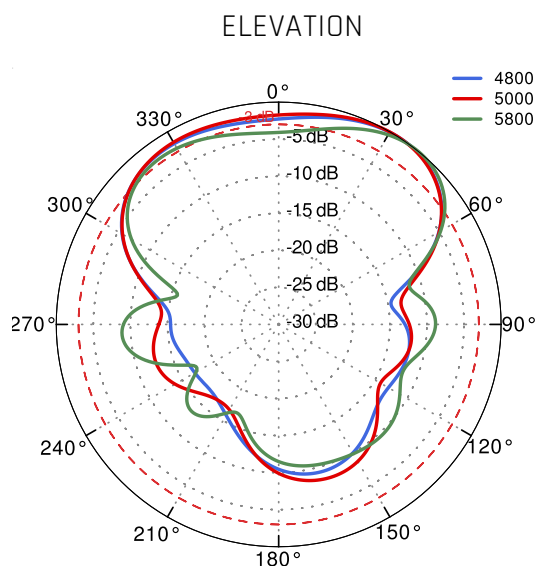
5G/LTE From 1.71GHz to 2.5GHz



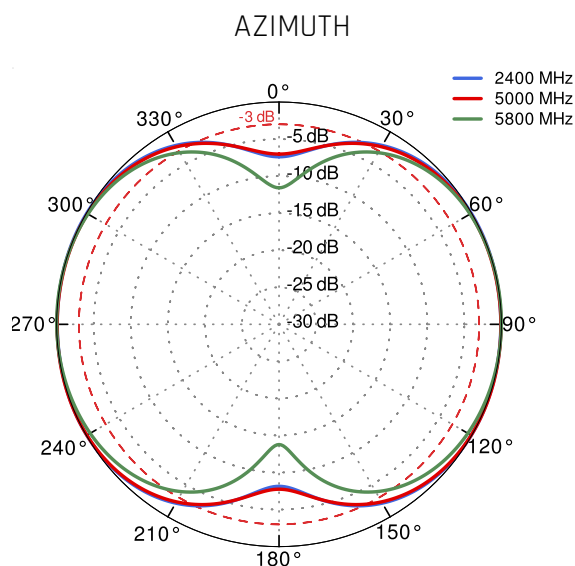
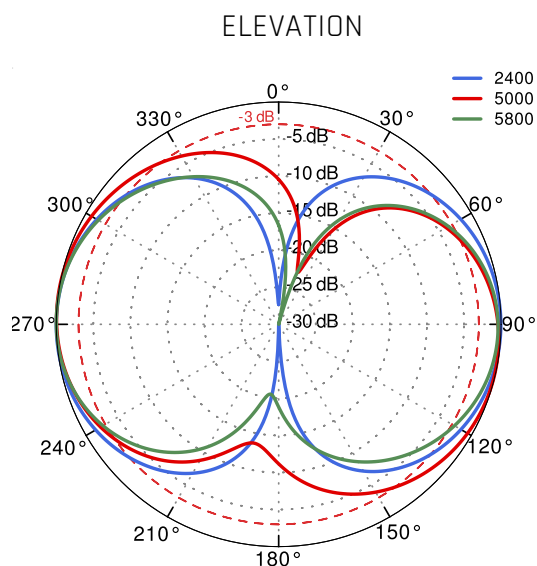
5G/LTE From 3.3GHz to 4.2GHz



5G/LTE From 4.8GHz to 5.8GHz



Wi-Fi From 2.4 GHz to 5.8 GHz



PORTS

