

QuShell 62G

QuShell 5G 4x4MIMO, 5G/LTE 2x2MIMO, WiFi 6e 2x2MIMO is a high performance mobility antenna providing performance connectivity across diverse frequencies and applications for 5G/4G/LTE.

QuShell 5G 4x4MIMO, 5G/LTE 2x2MIMO, 2x2MIMO WiFi 6e is a high performance mobility antenna providing performance connectivity across diverse frequencies and applications for **5G/4G/LTE**. It offers optional GPS/GNSS and up to 2x2 MIMO/Diversity configurations at 2.4/5.0/7.2GHz for Wi-Fi. The optional high-performance GPS/GNSS antenna features an integrated 18dB gain LNA. **Dedicated for Teltonika RUTM52.**

It comes with **4x 5G, 2x 5G/LTE, 1x GPS/GNSS** and **2x Wi-Fi** antennas. It covers a wide range from **580 to 6350 MHz** for 5G/LTE bands and additionally dual-band Wi-Fi 6e antennas provide concurrent **2.4 GHz and 5 to 7.2 GHz**. The QuShell 5G/LTE finds its place in public **sector industry** (busses, firetrucks, ambulances), marine environments, tourism and various IoT systems. The set consists of marine, surface and **pole/wall mounting brackets** allowing to install QuShell on a roof, mast, pole, wall or other flat surfaces. Standard cable length is 50cm. For other variants please contact your local reseller or account manager.



 **OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67**

 **4X 5G, 2X 5G/LTE, 1X GPS/GNSS AND 2X WI-FI ANTENNAS**

 **ANTENNA PERFECT FOR MOBILITY USES**

 **MADE IN EUROPE**



WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5 - 7.2 GHz
MAX. GAIN	2.4 - 2.5 GHz: 2dBi 5 - 7.2 GHz: 5dBi
VSWR	< 2.50
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
MAX INPUT POWER	50W
DC GROUND	Yes

5G/LTE 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

 **MECHANICAL SPECIFICATION****MATERIAL**

ABS

CONNECTOR

2xRPSMA & 7xSMA

OUTER DIMENSIONS

160 x 160 x 90 mm
6.3 x 6.3 x 3.54 inch

WEIGHT

1.5 kg

OPERATING TEMPERATURE

-40°C to 80°C
-40°F to 176°F

CABLE TYPE

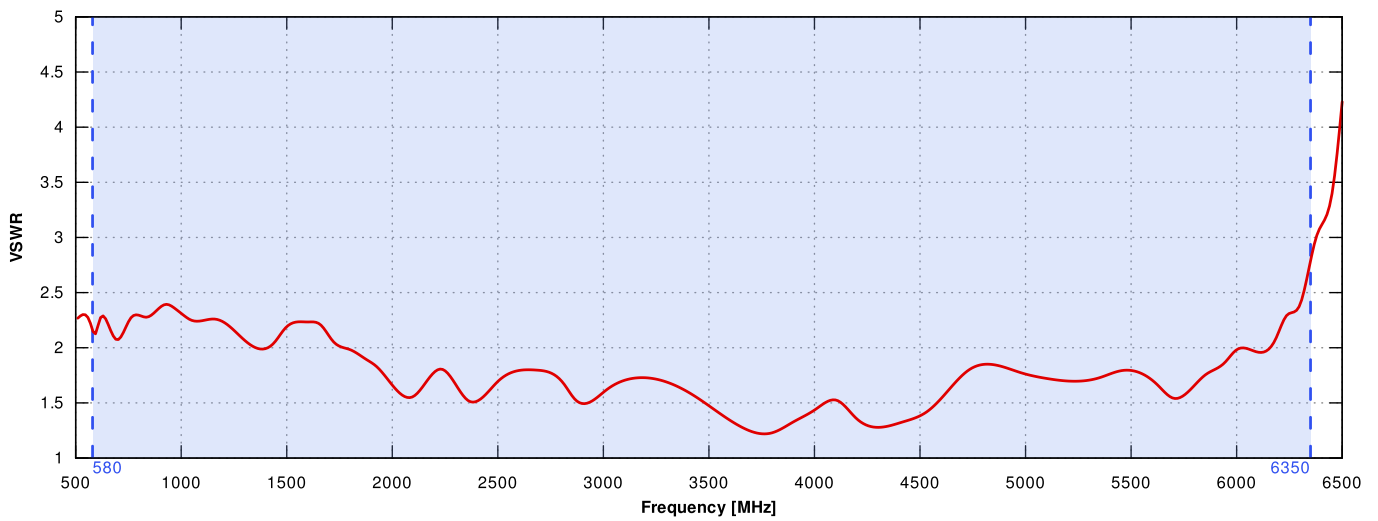
RG174

MOUNTING KIT

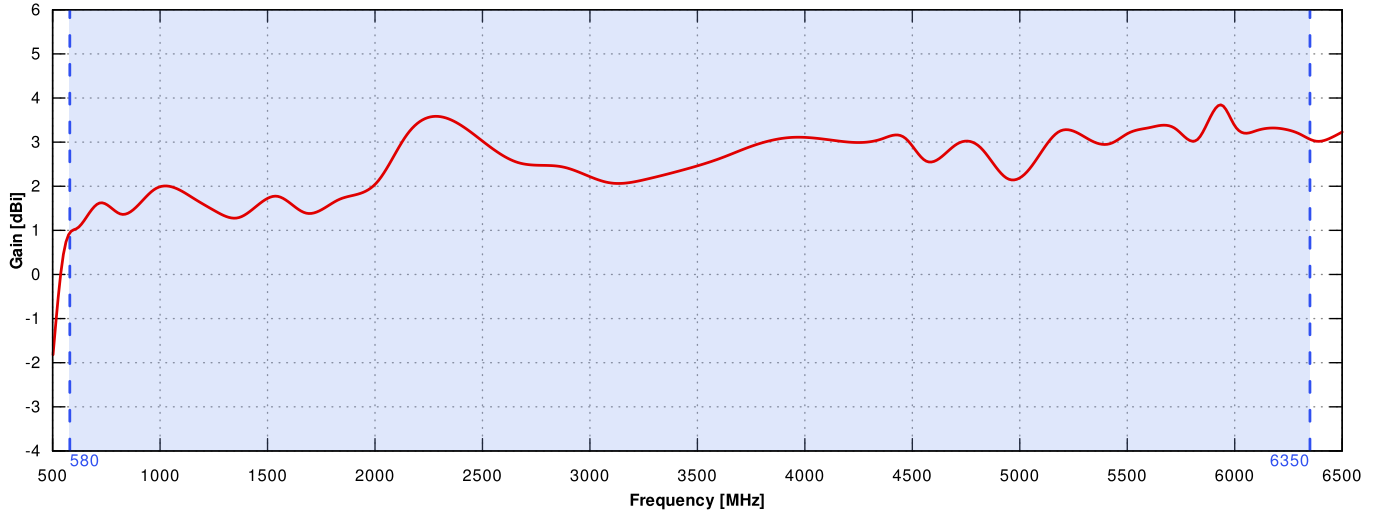
MATERIAL	Galvanized steel
WEIGHT	0.4kg
MOUNTING PLACE	Wall or mast
MAST DIAMETER	25-66 mm 0.98-2.60 inch

PLOTS

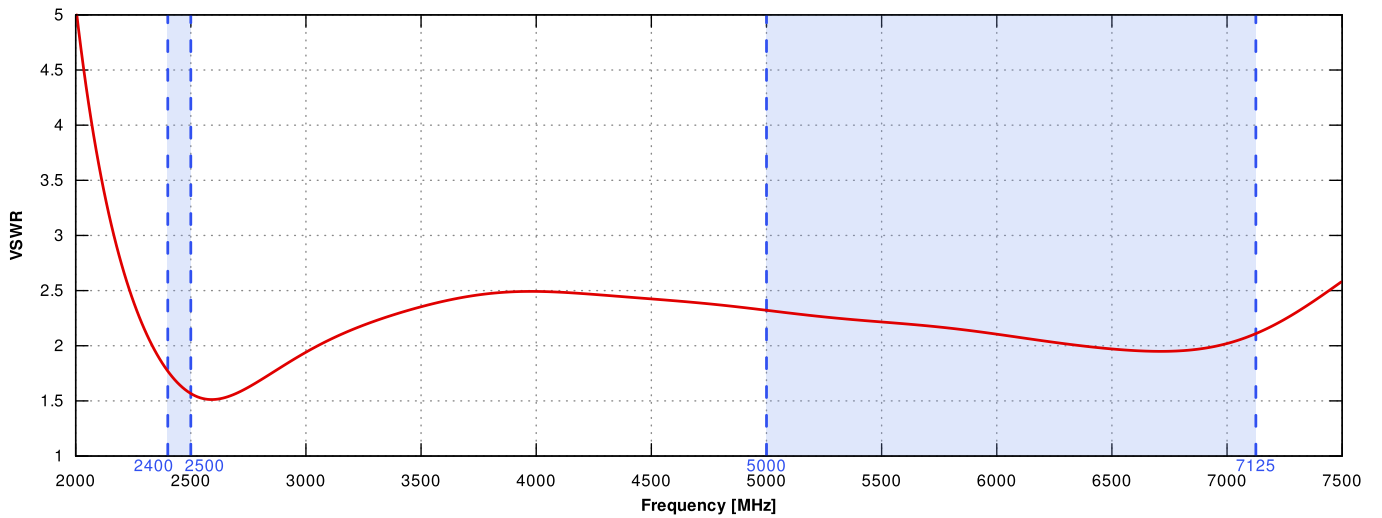
5G/LTE VSWR



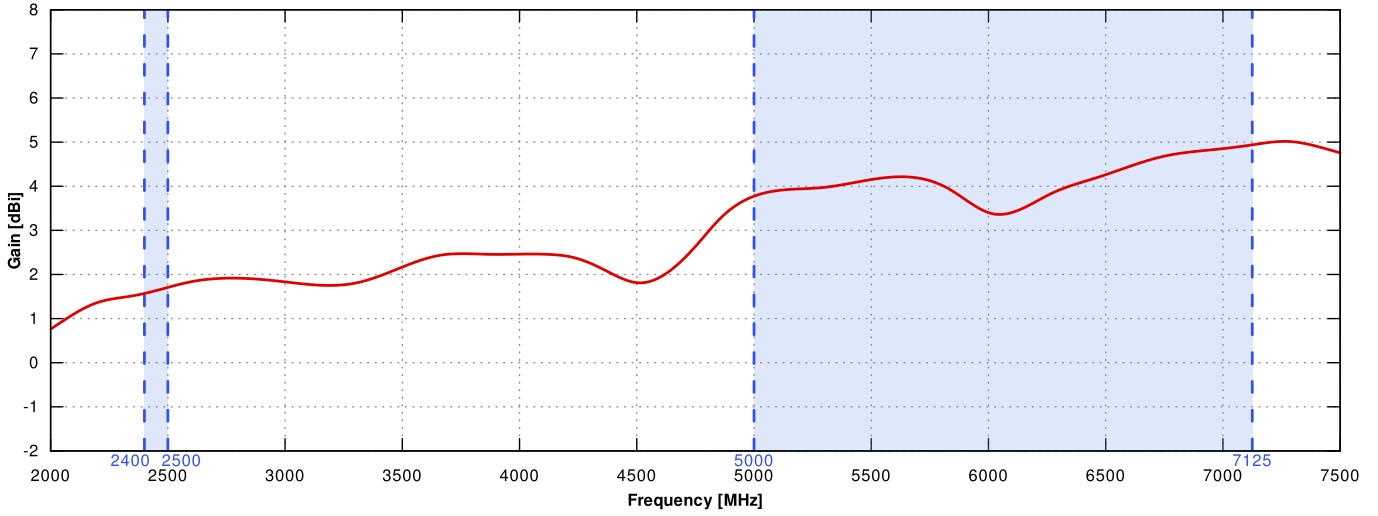
5G/LTE GAIN



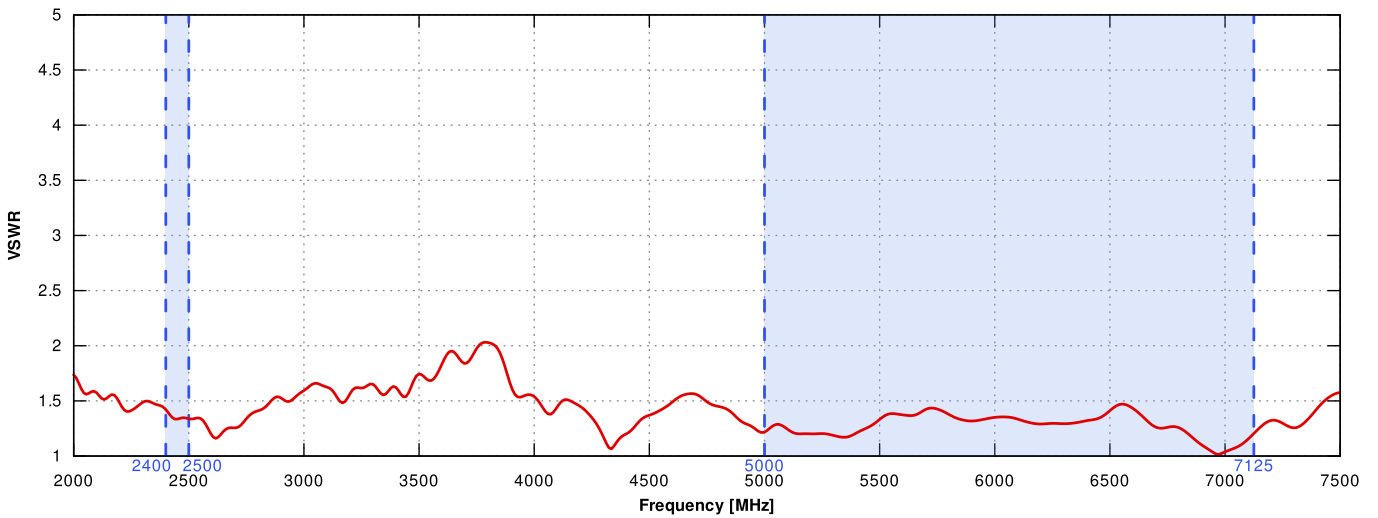
WiFi - X VSWR



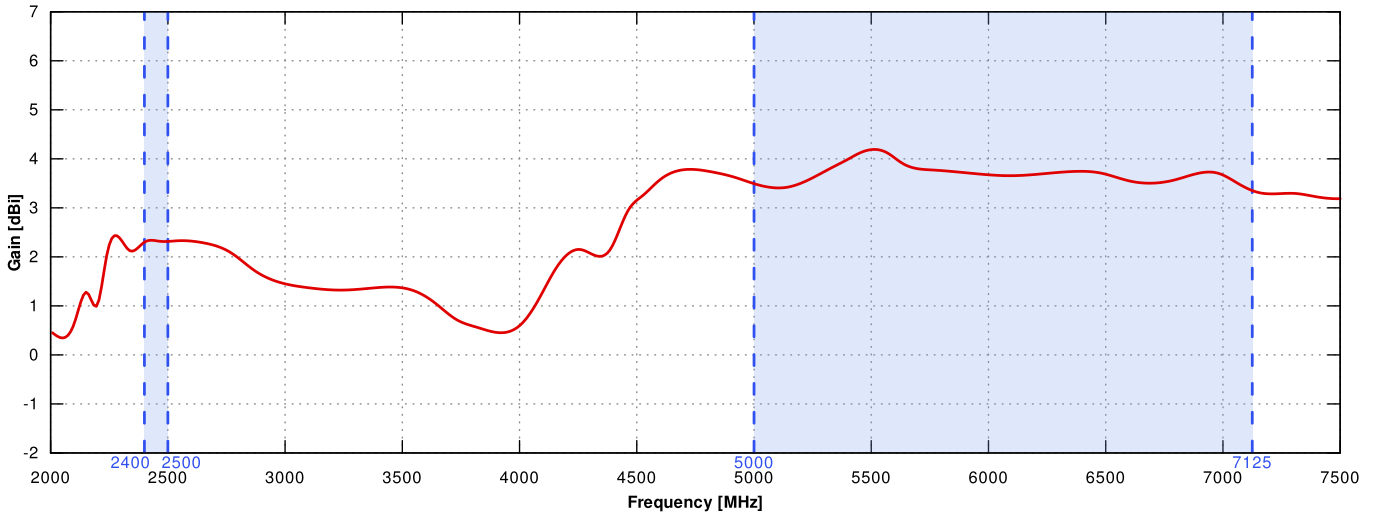
WiFi - X GAIN



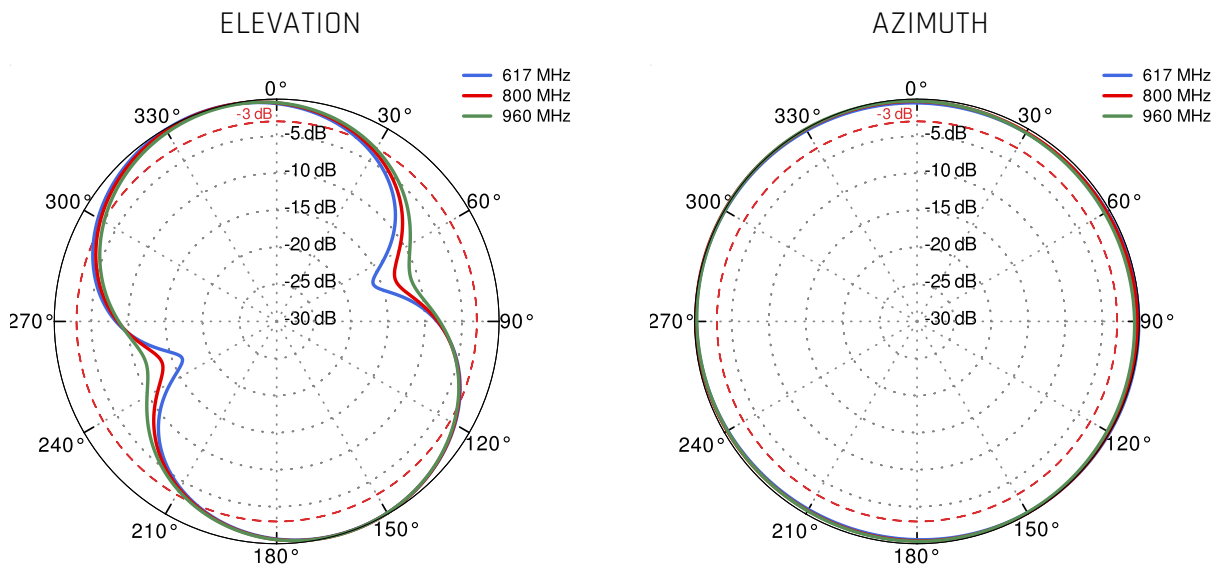
WiFi - V VSWR



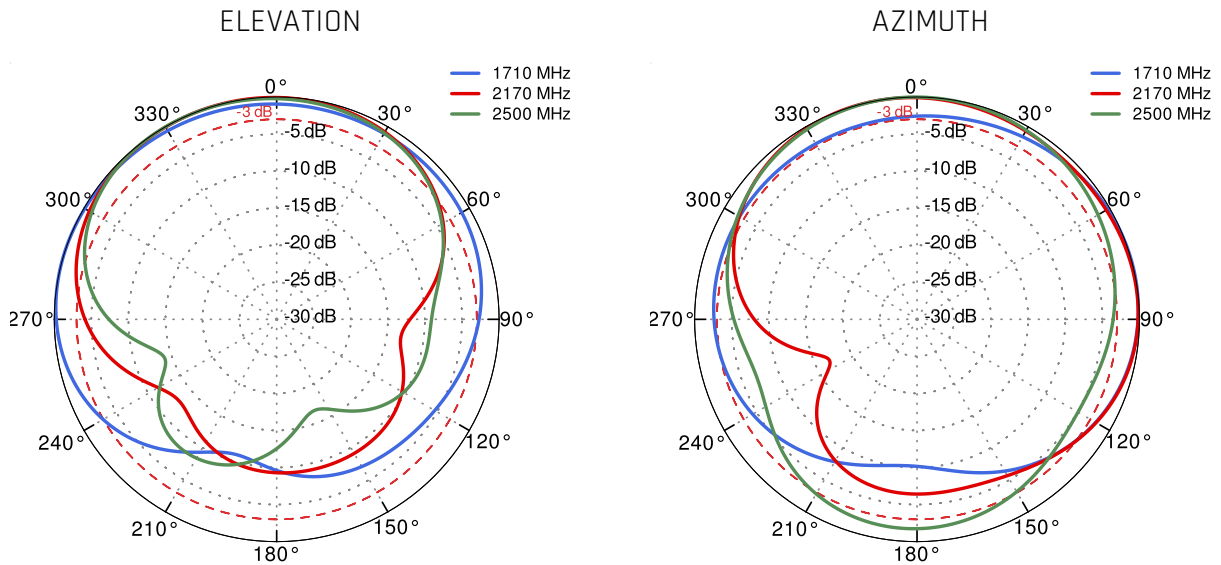
WiFi - V GAIN



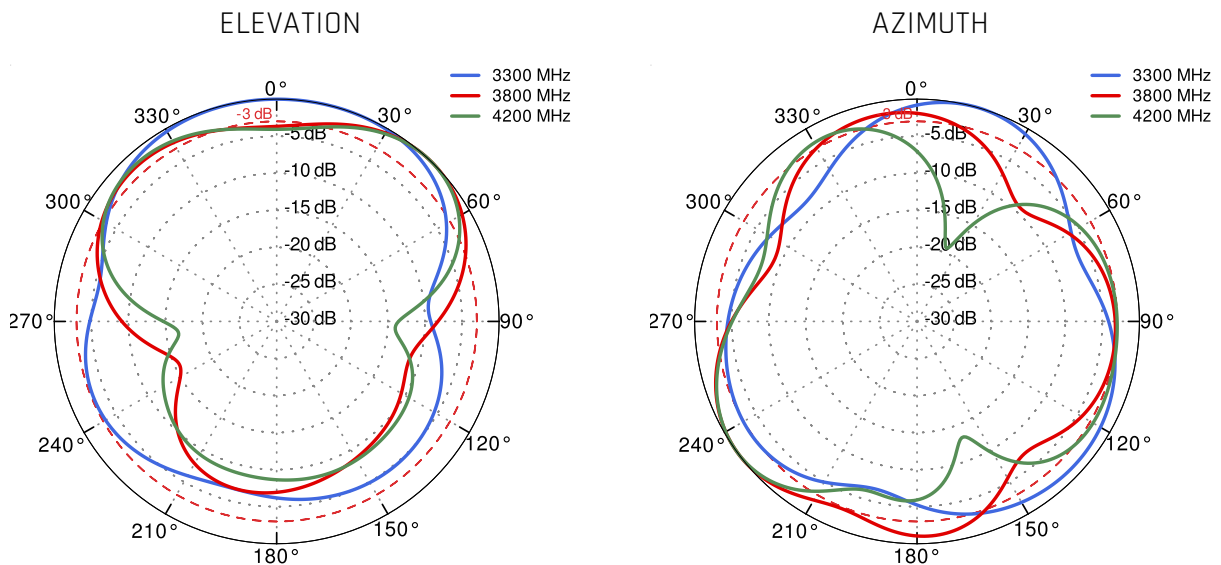
5G/LTE from 617MHz to 960MHz



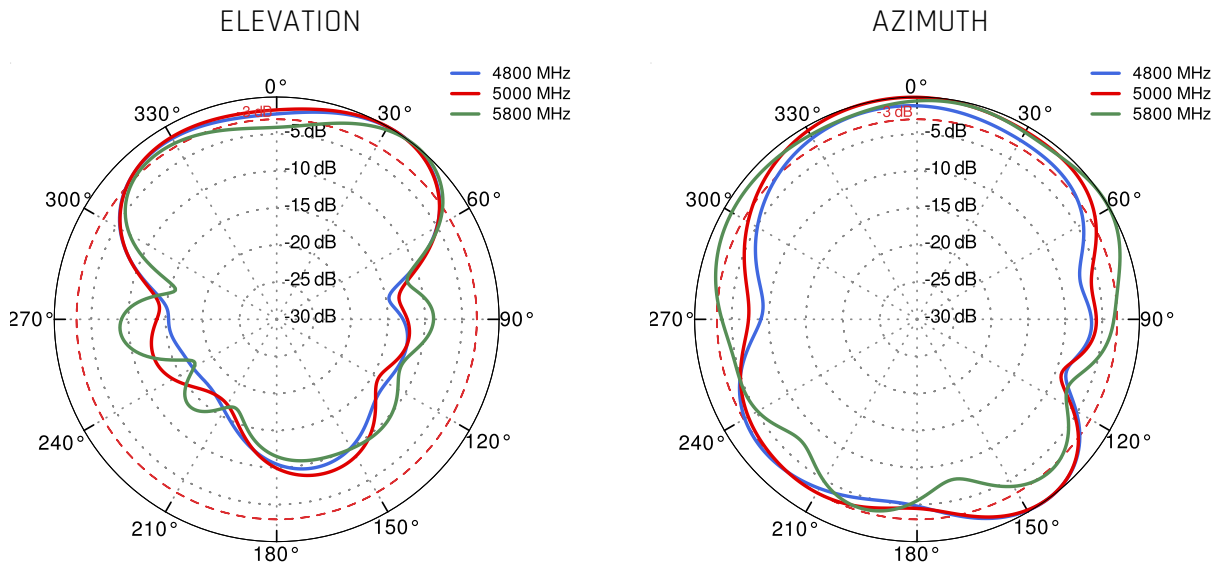
5G/LTE from 1.71GHz to 2.5GHz



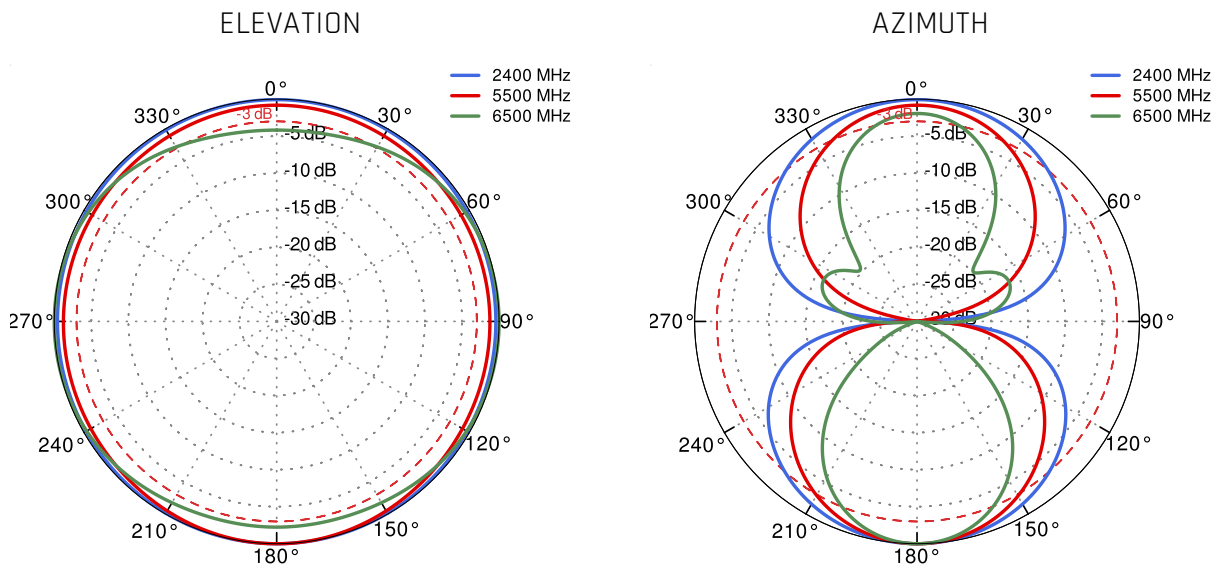
5G/LTE from 3.3GHz to 4.2GHz



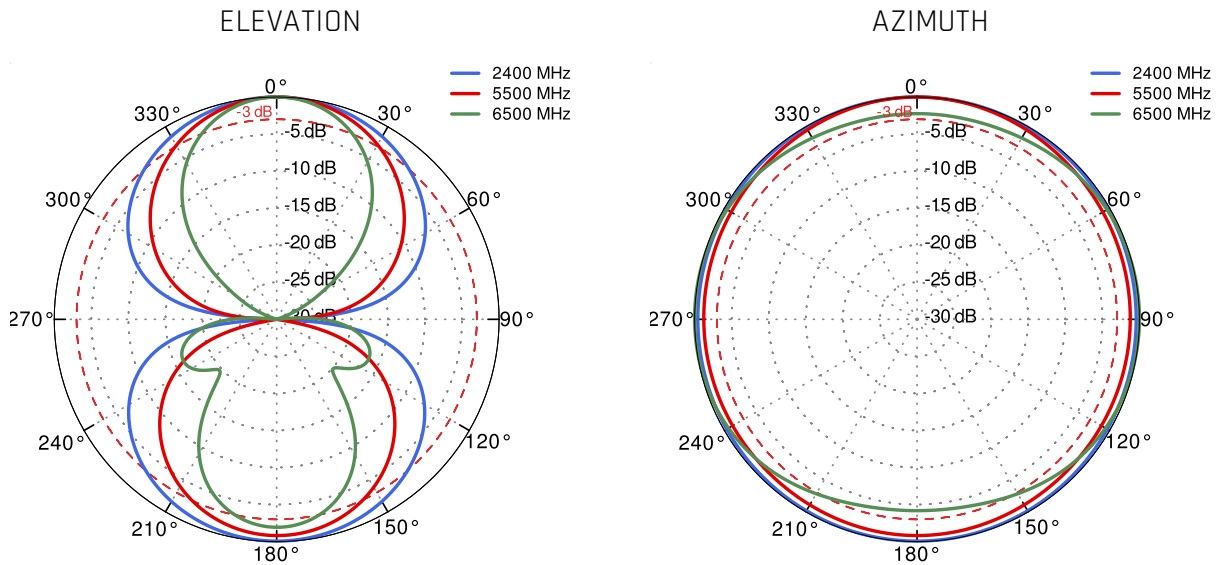
5G/LTE from 4.8GHz to 5.8GHz



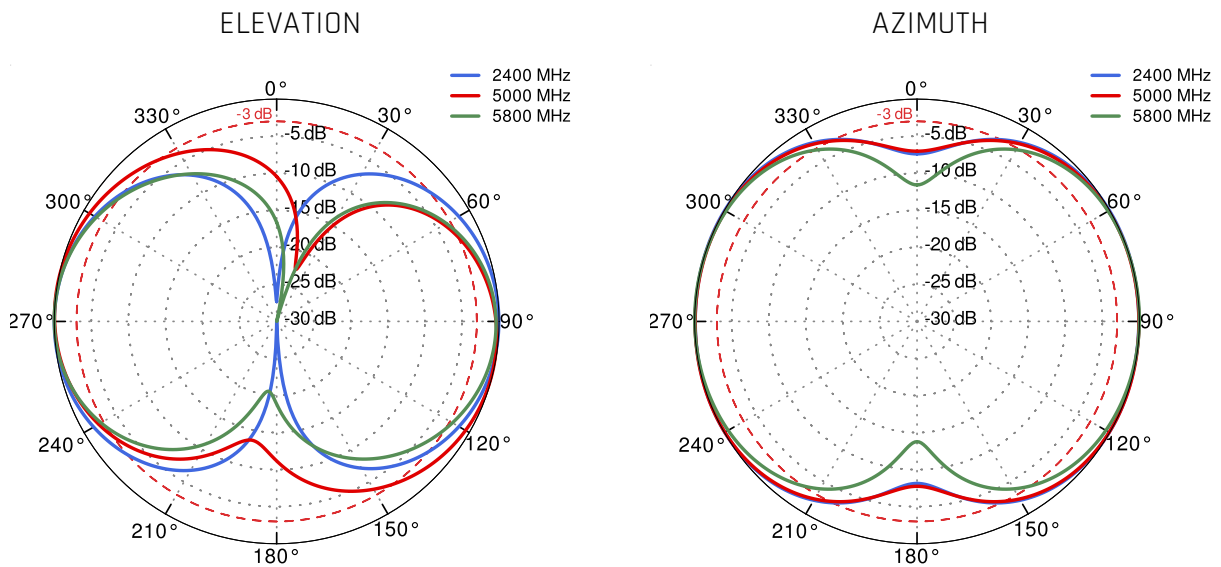
Wi-Fi X Port 1 From 2.4 GHz to 6.5 GHz



Wi-Fi X Port 2 From 2.4 GHz to 6.5 GHz



Wi-Fi V From 2.4 GHz to 6.5 GHz



CONNECTORS

