

QuShell 26G

QuShell 5G/LTE 2x2MIMO, 6x6 MIMO WiFi 6e is a high performance mobility antenna providing performance connectivity across diverse frequencies and applications for 5G/4G/LTE.

QuShell 5G/LTE 2x2MIMO, 6x6 MIMO 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 6x6 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.

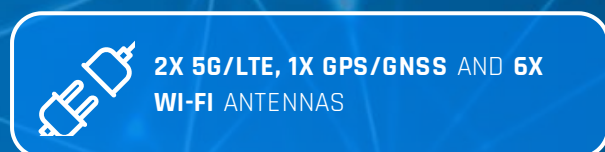
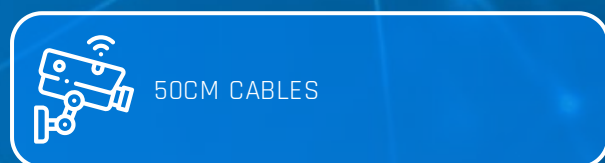
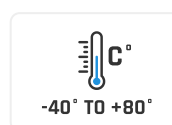
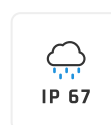
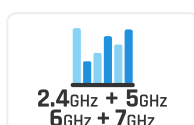
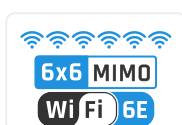
It comes with **2x 5G/LTE, 1x GPS/GNSS** and **6x Wi-Fi** antennas.

It covers a wide range from **617 to 6000 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.



WI-FI SPECIFICATION

| | |
|-----------------|--|
| FREQUENCY | 2.4 - 2.5 GHz 5 - 7.2 GHz |
| 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 | 617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 3.8 GHz 4.2 - 6.0 GHz |
| GAIN | 617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 3.8 GHz : 5 dBi 4.2 - 6.0 GHz : 6dBi |
| SUPPORTED LTE BANDS | 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 |

SUPPORTED 5G BANDS

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

VSWR

<1.20, max <2.50

BEAMWIDTH

360°/35° ±5°

POLARIZATION

Vertical

IMPEDANCE

50 Ω

 **MECHANICAL SPECIFICATION****MATERIAL**

ABS

CONNECTOR

6xRPSMA & 3xSMA

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

 **MOUNTING KIT****MATERIAL**

Galvanized steel

WEIGHT

0.4kg

MOUNTING PLACE

Wall or ceiling or mast

MAST DIAMETER

40-60 mm
1.57-2.36 inch

COMPATIBLE ROUTERS

VARIANT: ASL26G

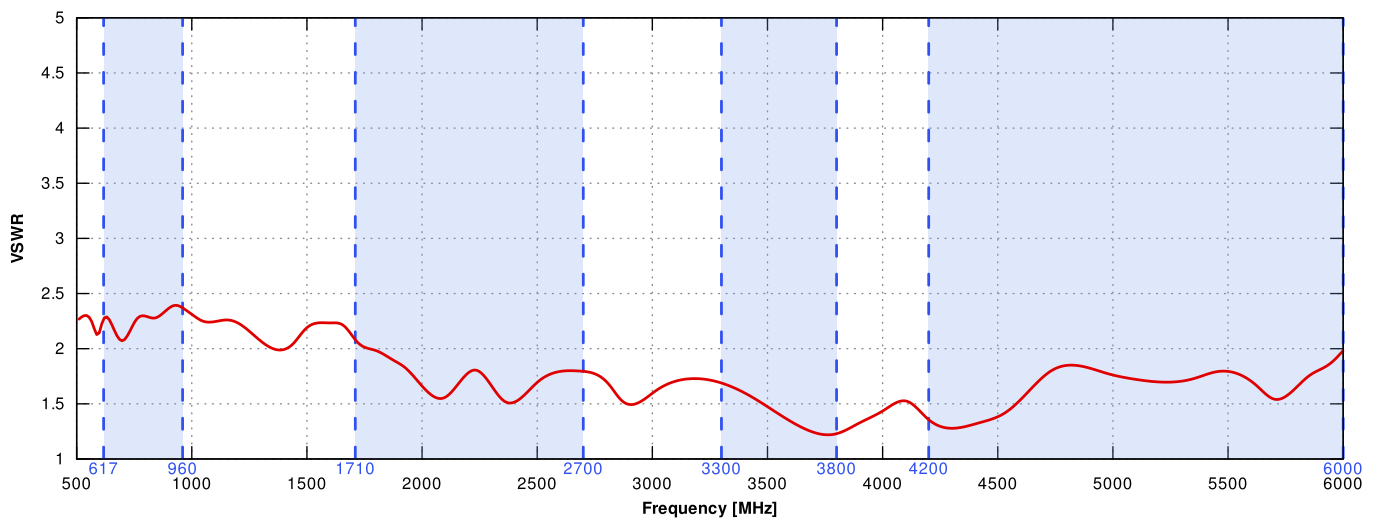
| | |
|-------------|--|
| DIGI | TX64 |
| ROBUSTEL | EG5200, R151x, R201x |
| ANYBUS | WLAN Access Point IP30 |
| COMSET | CM210A-W, CM210Q-W, CM510Q-W, CM550W, CM580W, CM685V-1, CM685V-4, CM685V-6, CM685V-6-G, CM685VX, CM820Q-4, CM820Q-6, CM950W |
| CRADLEPOINT | E300, R500 |
| DIGI | TX64 |
| FOUR-FAITH | 5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, Edge Computing Gateway F-G100 |
| PEPLINK | Balance 310 5G |
| PROROUTE | H685 LTE 4G CAT6 Router, H685 WRT M2M 5G Router, H900 5G Router |
| ROBUSTEL | EG5200, R151x, R201x |
| SIEMENS | 6GK5763-1AL00-7DA0, 6GK5763-1AL00-3AA0, 6GK5763-1AL00-3DA0, 6GK5763-1AL00-7DB0, Scalance W734 RJ45, Scalance W774 M12 EEC, Scalance W774 RJ45, SCALANCE W786 |
| WAVETEL | W4600, W4600-NR 5G, W4600-S2 |
| WLINK | G510, G520, R220, R520 |
| ZYXEL | LTE3301-PLUS, NR5101 |

OTHER

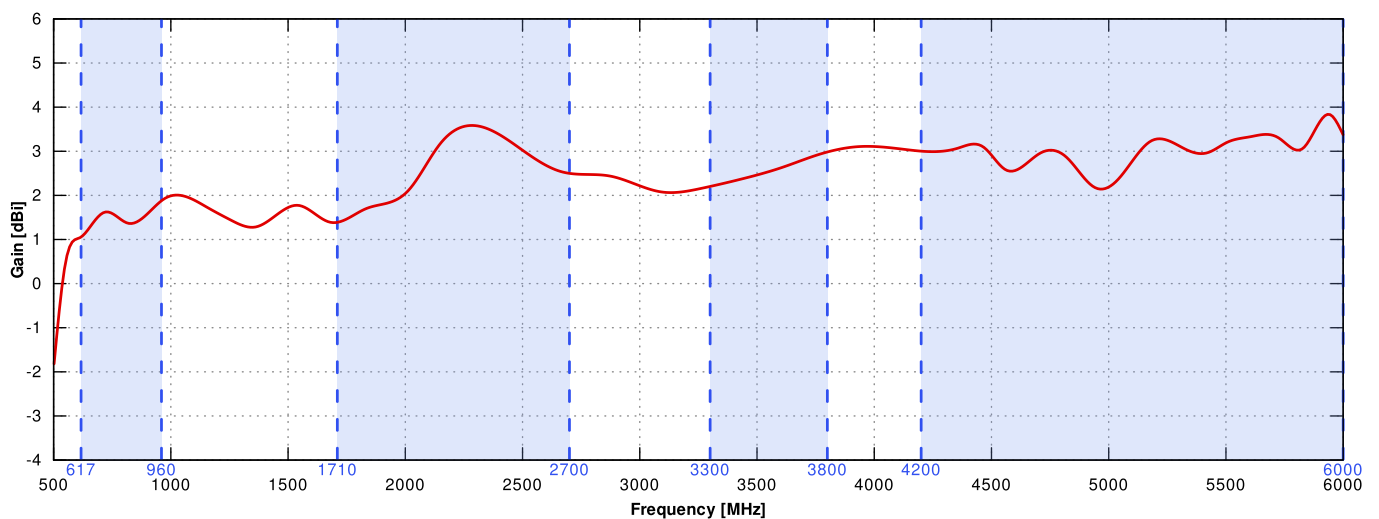
2 * SMA

PLOTS

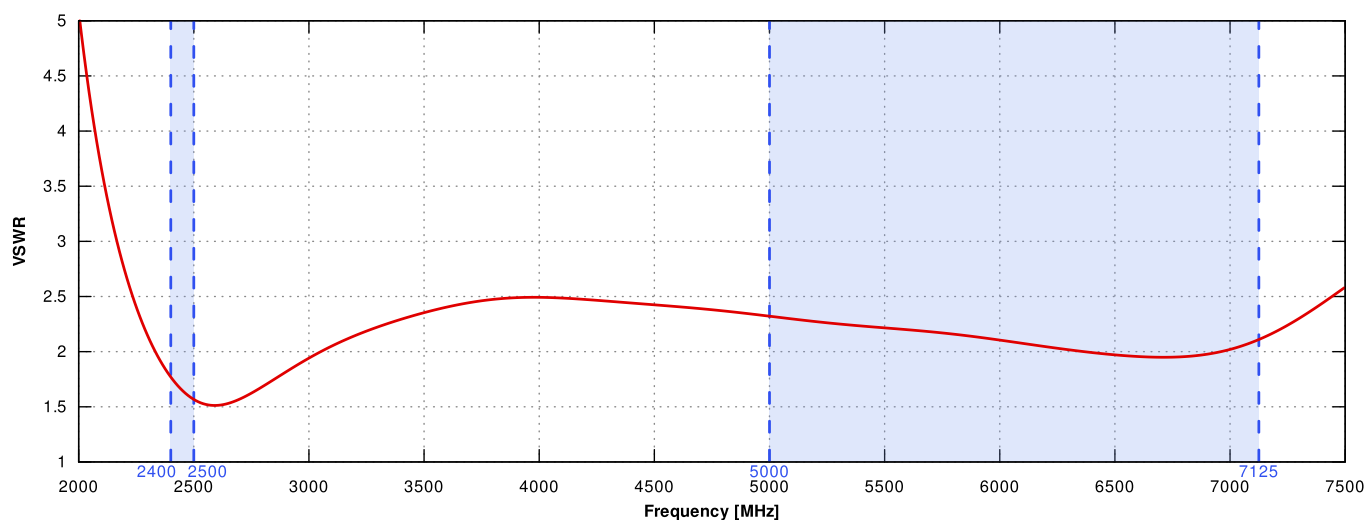
5G/LTE VSWR



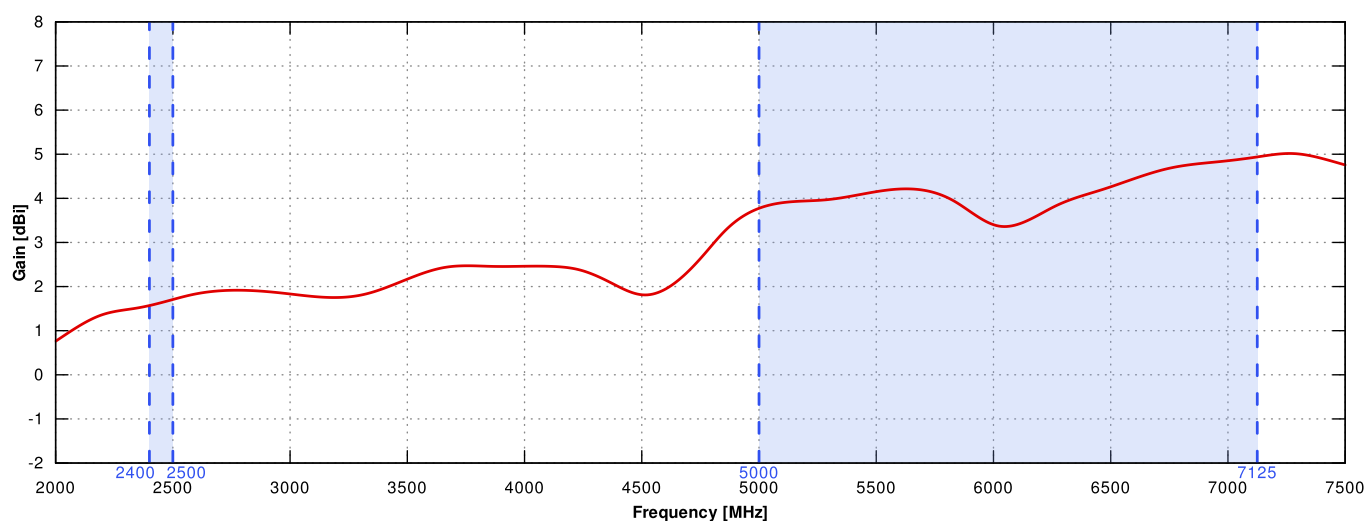
5G/LTE GAIN



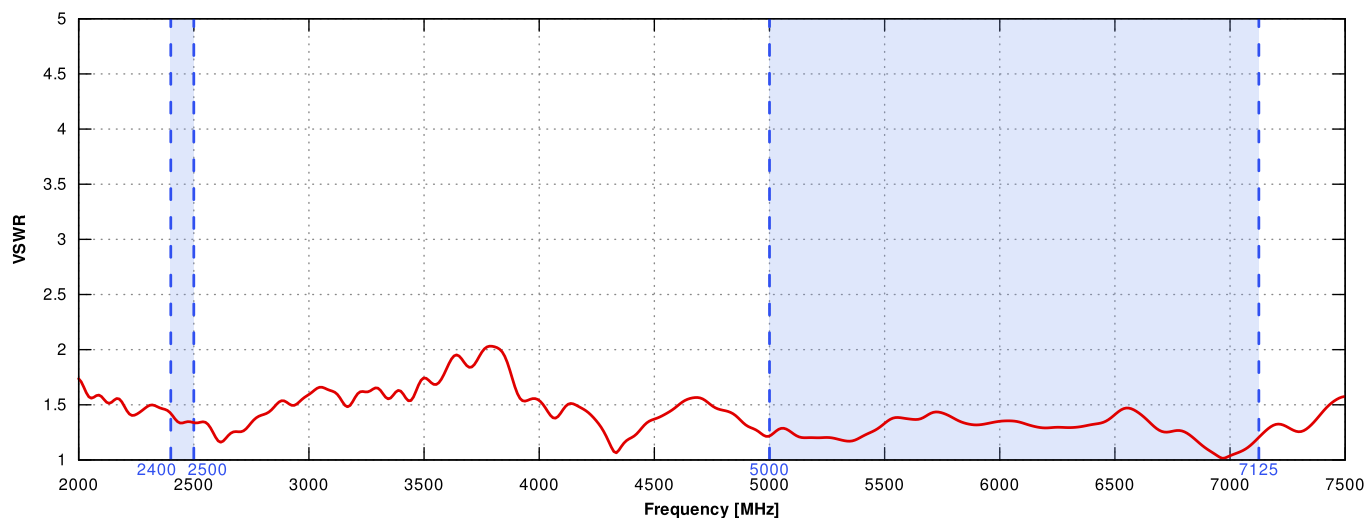
WiFi - X VSWR



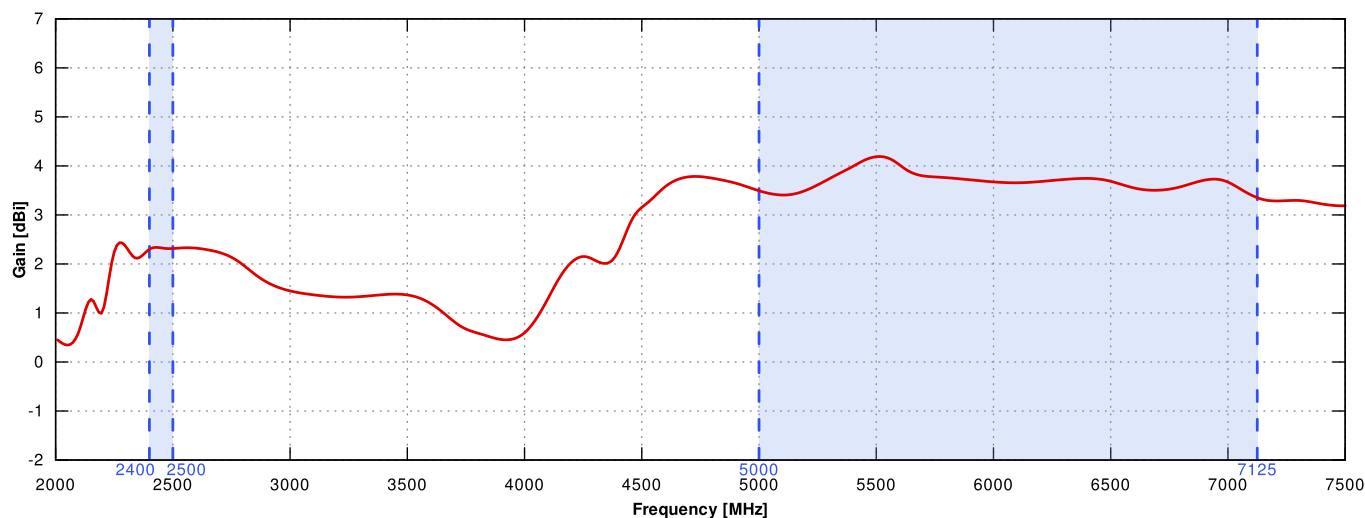
WiFi - X GAIN



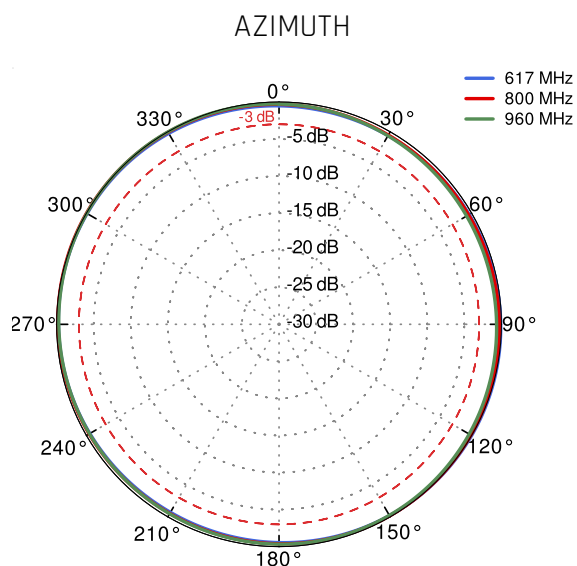
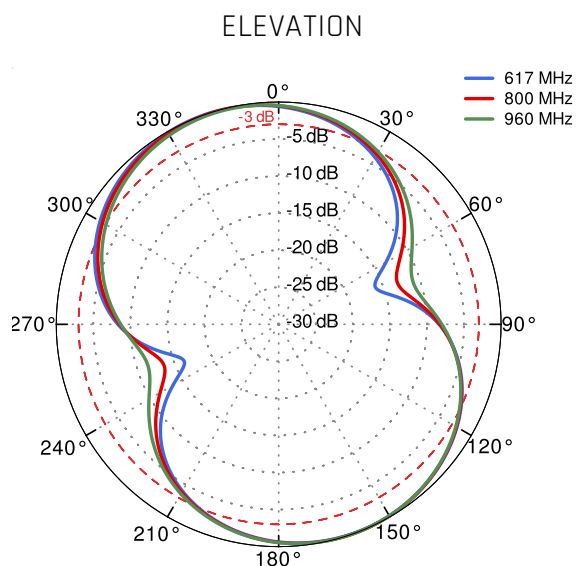
WiFi - V VSWR



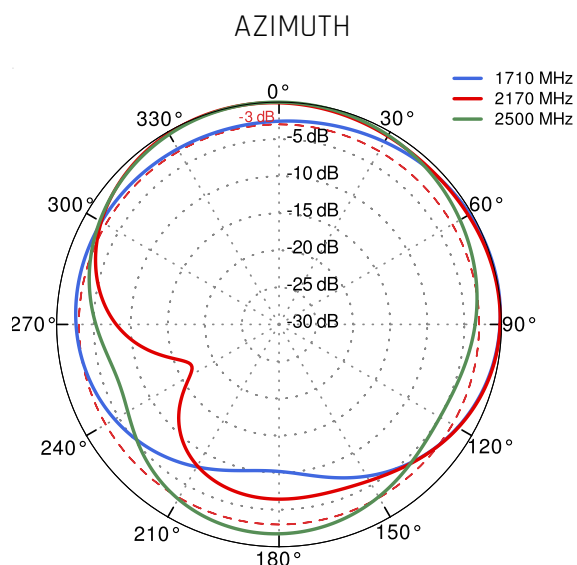
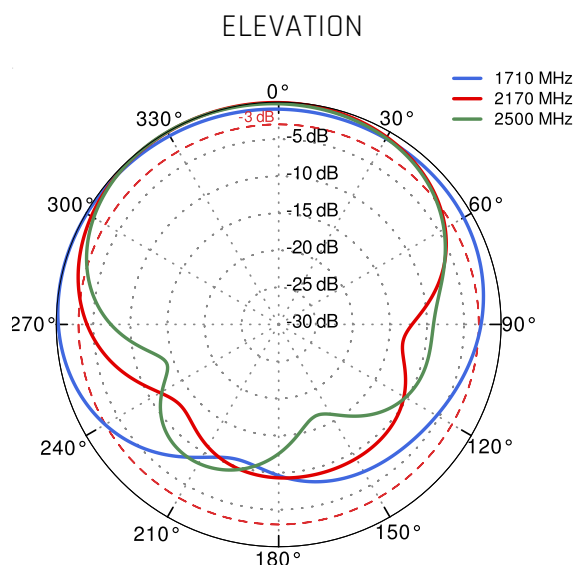
WiFi - V GAIN



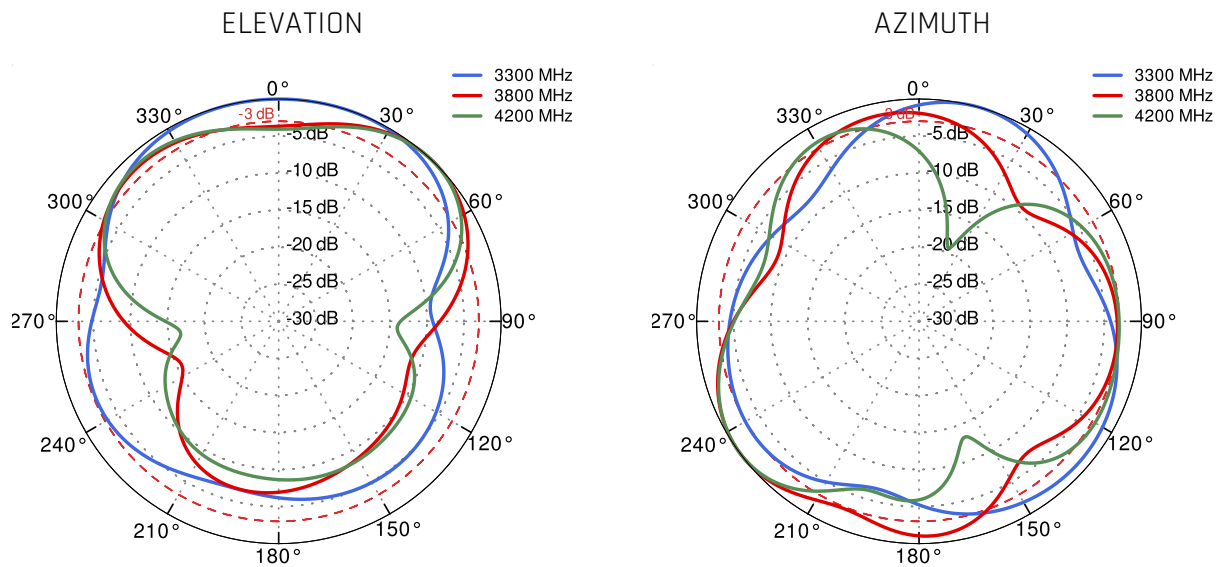
5G/LTE from 617MHz to 960MHz



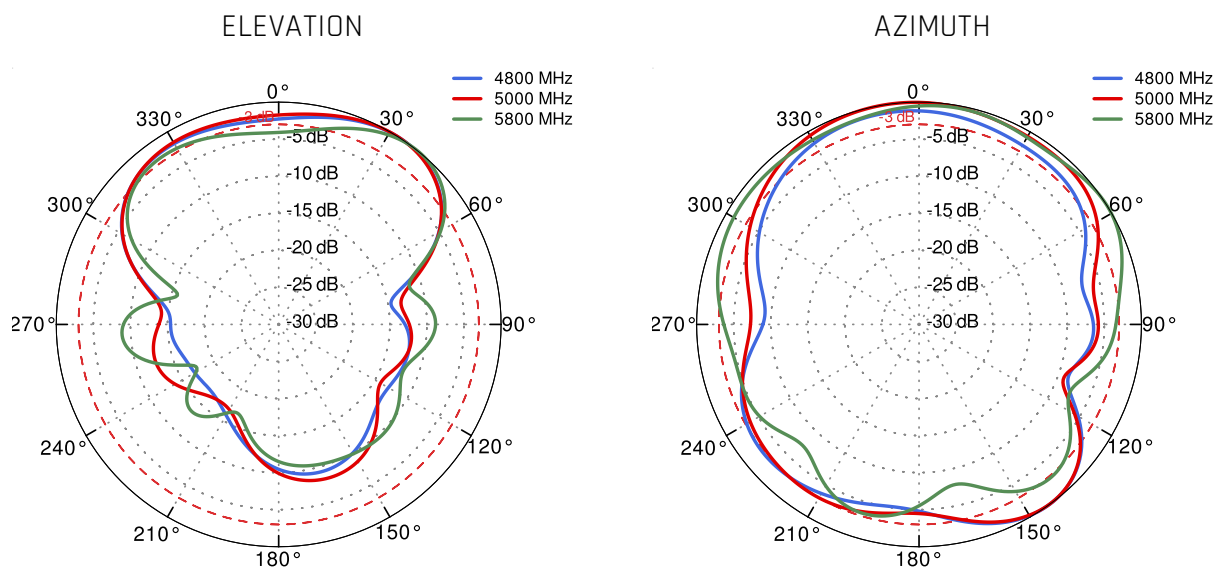
5G/LTE from 1.71GHz to 2.7GHz



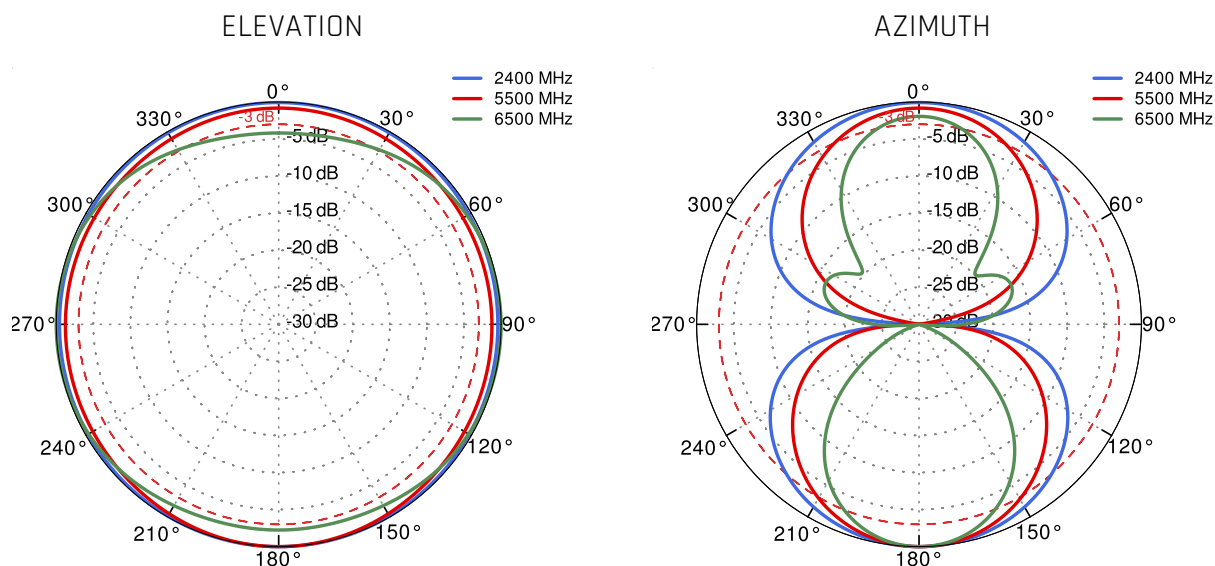
5G/LTE from 3.3GHz to 4.2GHz



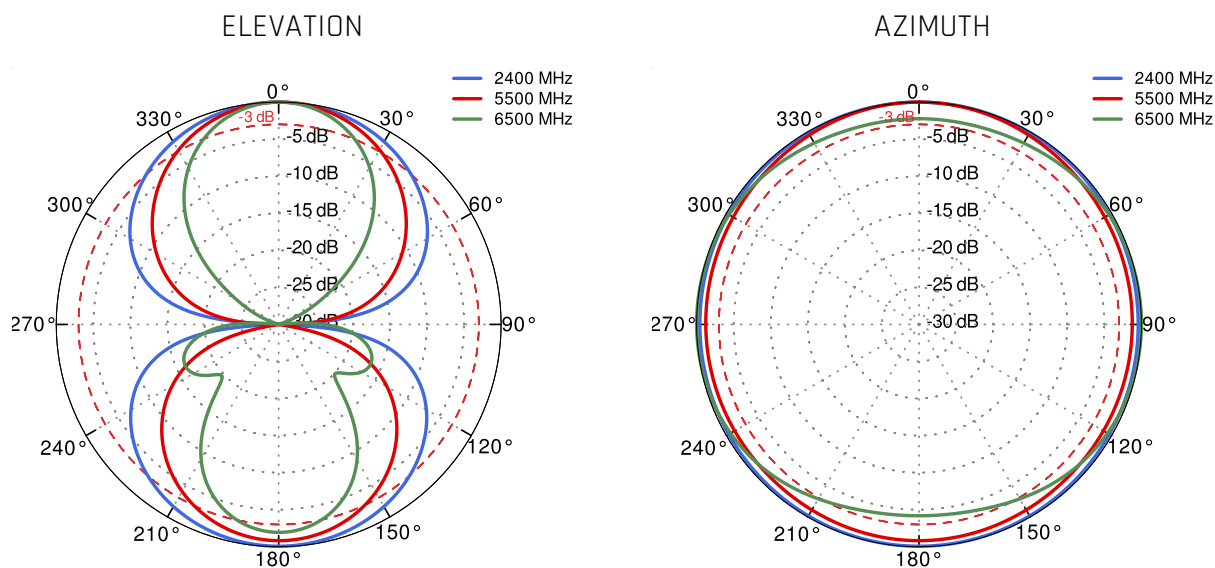
5G/LTE from 4.8GHz to 5.8GHz



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

