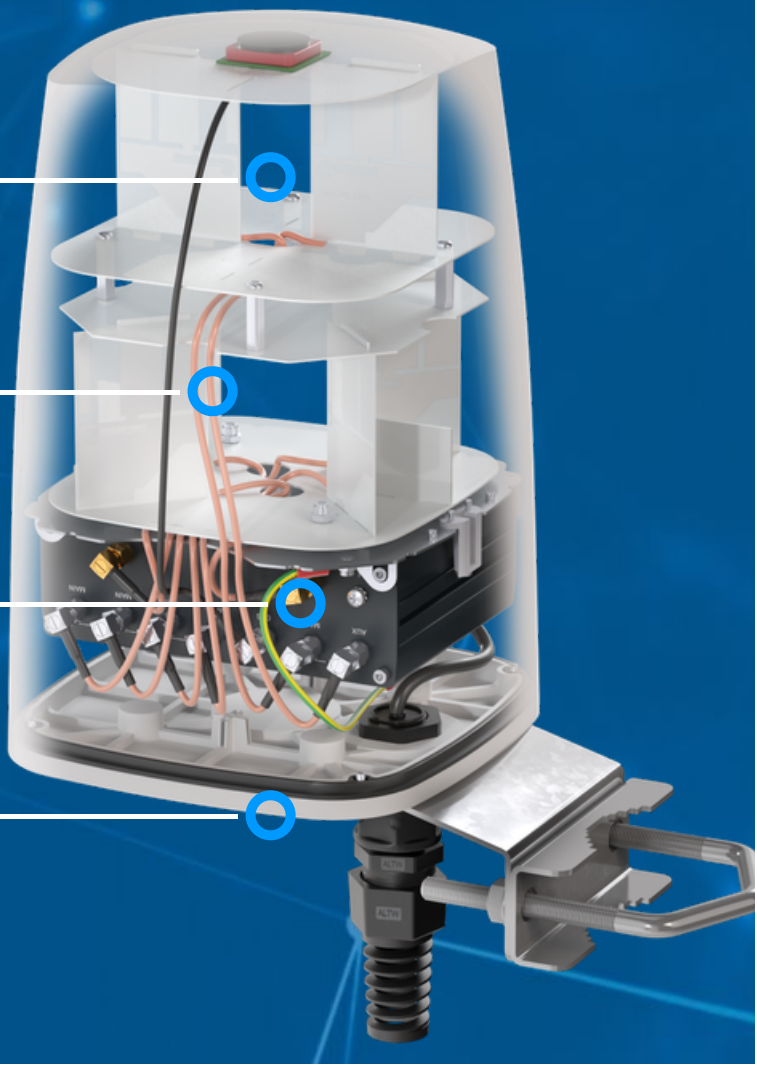
# QuSpot for Teltonika RUTM56

## INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL TELTONIKA RUTM56 (ALL-IN-ONE)

QuSpot for RUTM56 is an outdoor antenna designed to provide reliable wireless connectivity in a variety of environments. This product is an all in one solution that integrates a high gain omnidirectional 5G, Wi Fi and GPS antennas with RUTM56 into a single IP68 enclosure. Such integration allows implementation of new outdoor RUTM56 solutions.
QuSpot for RUTM56 is an ideal solution for outdoor wireless connectivity in moving applications such as transportation, yachting, boats and camping but also city centres with high signal density.

5G | 600-6350MHz | 6 dBi | Wi Fi 6E | 2.4GHz + 5GHz 6GHz + 7GHz | GPS | OMNI DIRECTIONAL | IP 68 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68
- ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER
- PASSIVE **POE SUPPORT**
- MADE IN **EUROPE**



# 5G/LTE SPECIFICATION

| | |
|---|---|
| FREQUENCY | 0.58 - 2.0 GHz<br>2.0 - 3.5 GHz<br>3.5 - 5.0 GHz<br>5.0 - 6.35 GHz |
| MAX. GAIN | 0.58 - 2.0 GHz : 2 dBi<br>2.0 - 3.5 GHz : 3.2 dBi<br>3.5 - 5.0 GHz : 3.1 dBi<br>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 |


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# WI-FI SPECIFICATION

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

# MECHANICAL SPECIFICATION

| | |
|---|---|
| RADOME MATERIAL | UV-resistant ASA |
| OPERATING HUMIDITY | up to 100% RH |
| MATERIAL | aluminum, PTFE |
| CONNECTOR | RJ45 |
| INGRESS PROTECTION | IP68 |
| OUTER DIMENSIONS | 160 x 160 x 240 mm<br>6.3 x 6.3 x 9.45 inch |
| WEIGHT | 1.5 kg |


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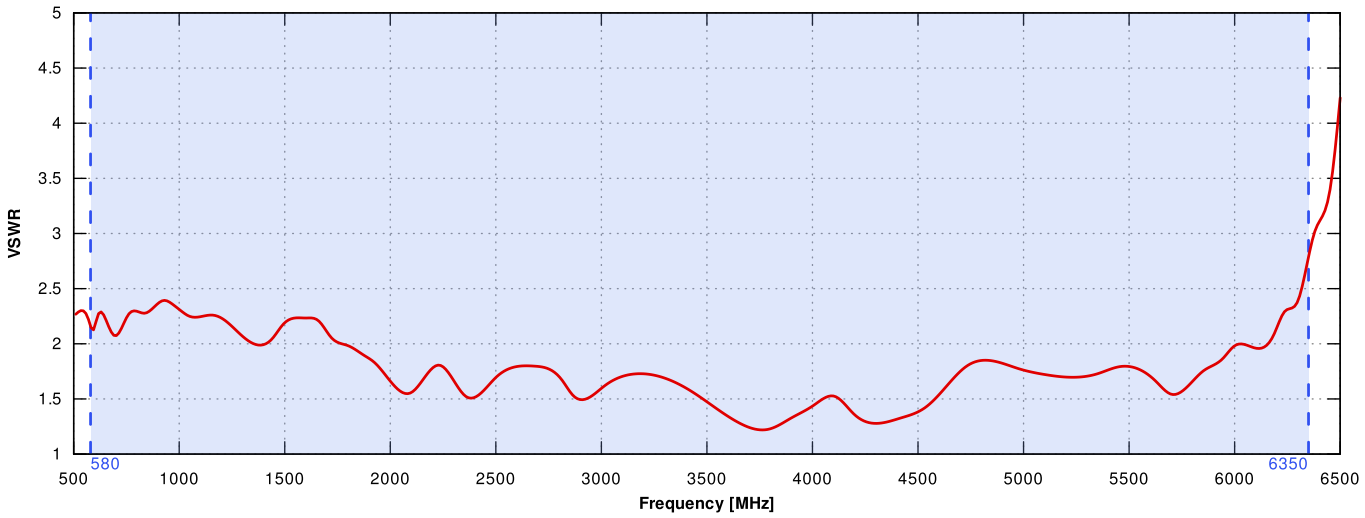
| | |
|---|---|
| OPERATING TEMPERATURE | -40°C to 80°C<br>-40°F to 176°F |
| ENCLOSURE RECOMMENDED TIGHTENING TORQUE | 0.5 - 0.7 Nm |

## MOUNTING KIT

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

## PLOTS

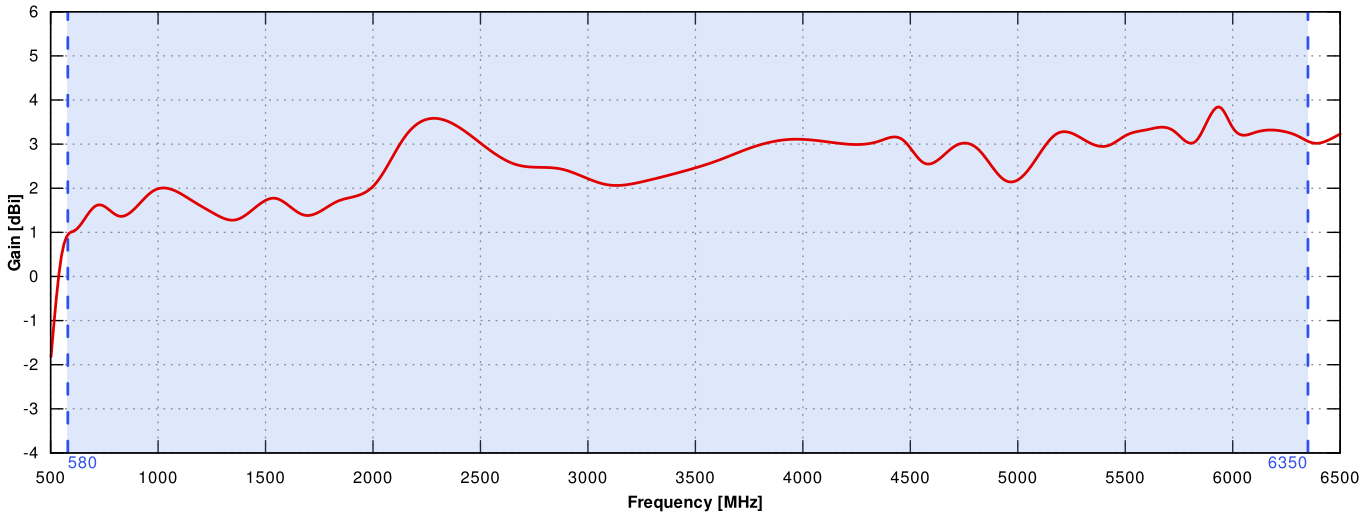
### 5G/LTE VSWR



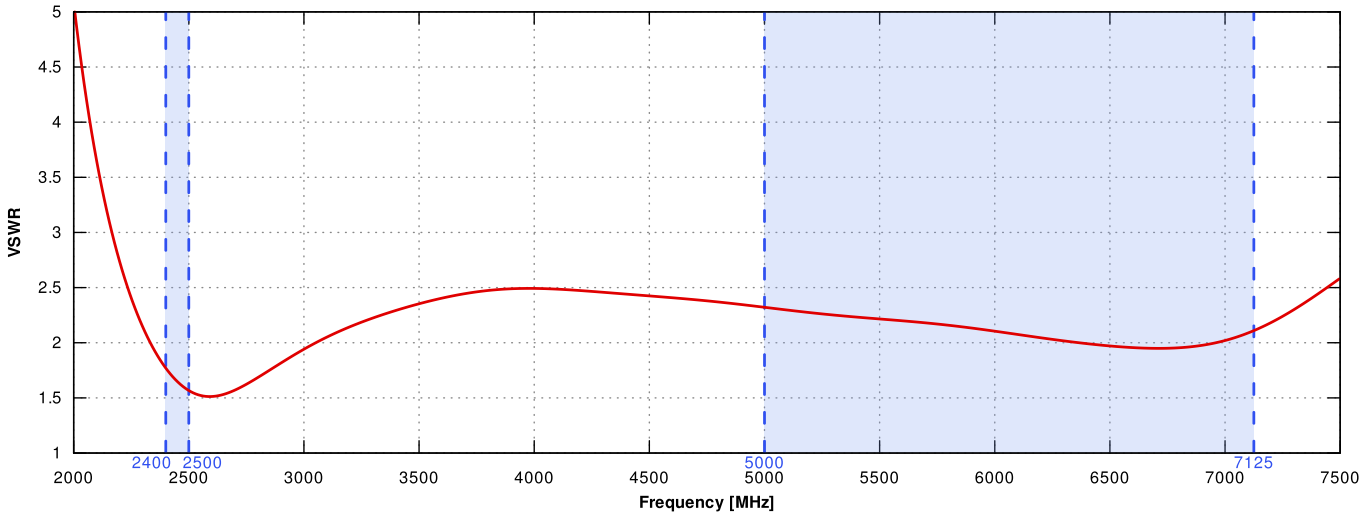


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## 5G/LTE GAIN



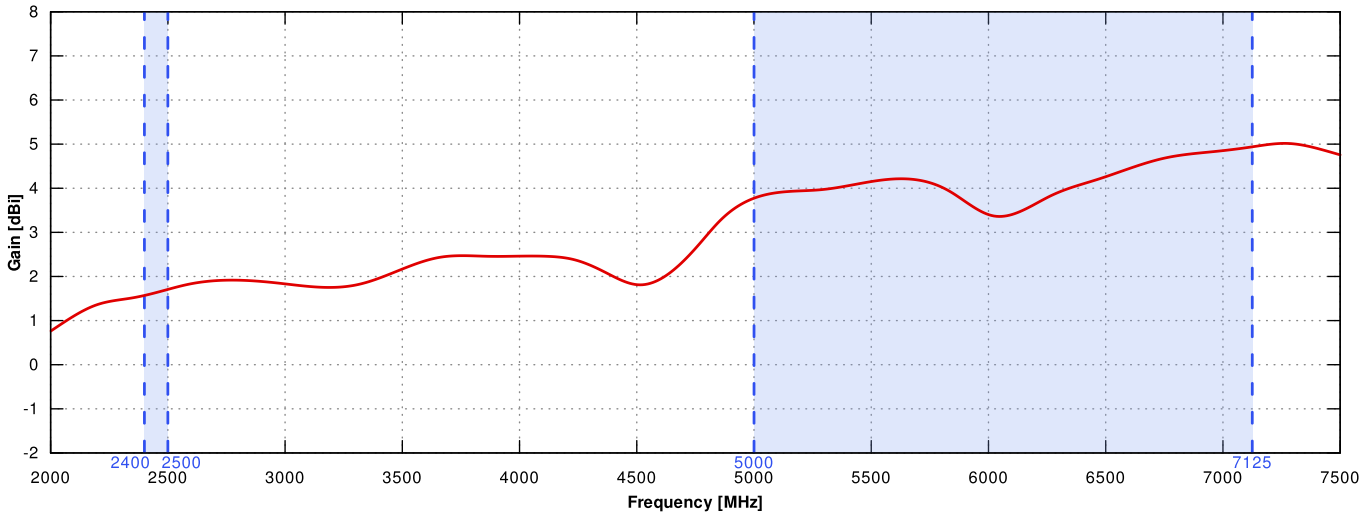

## WiFi - X VSWR



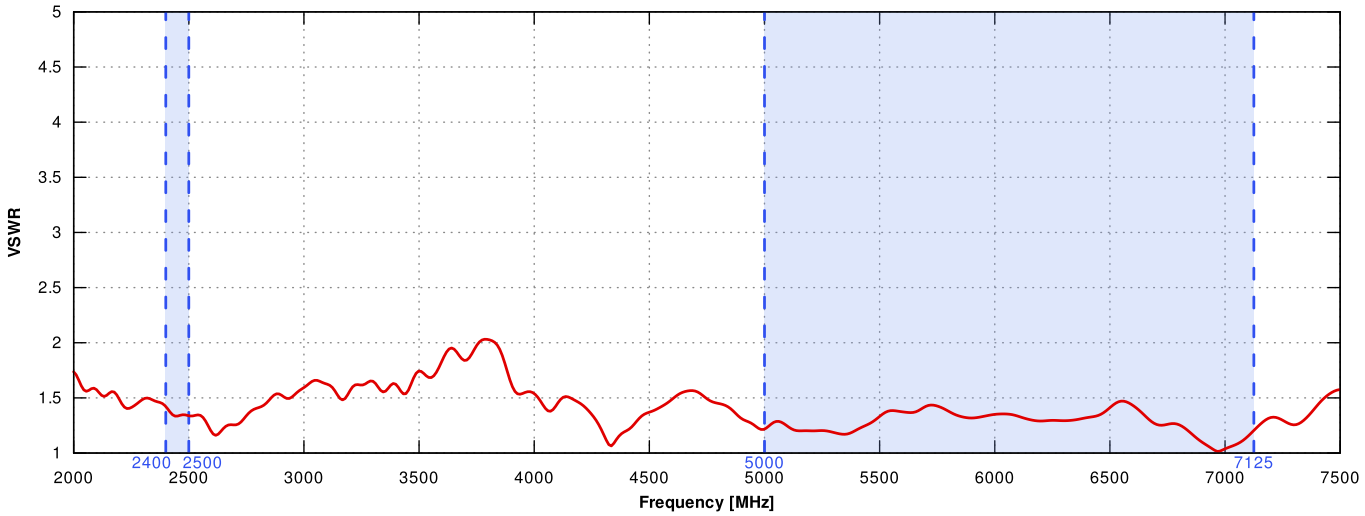



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## WiFi - X GAIN



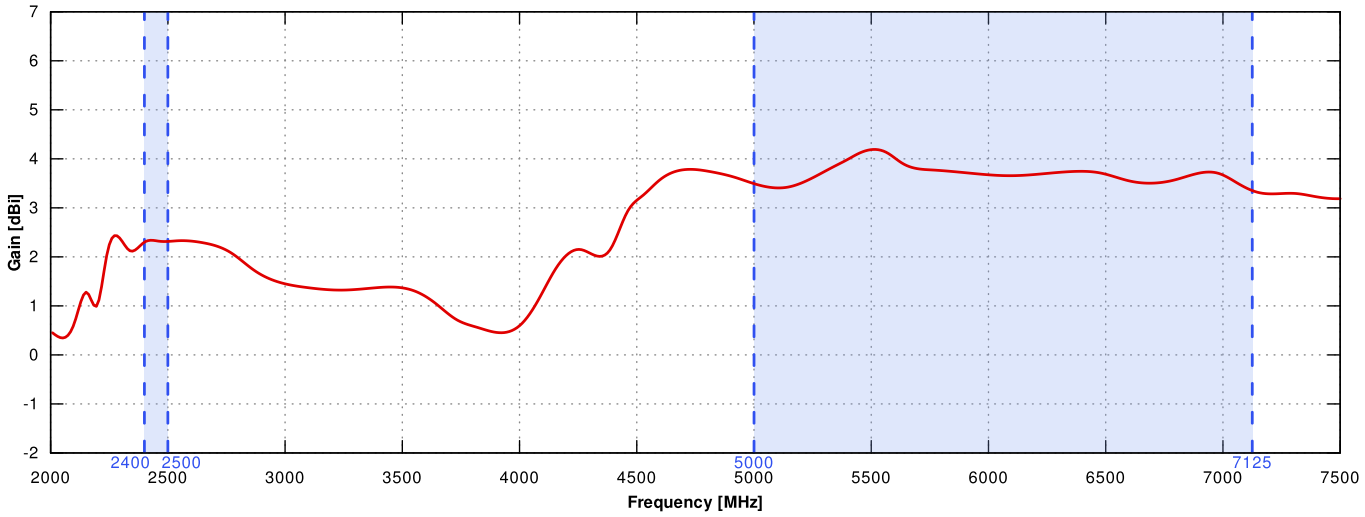

## WiFi - V VSWR





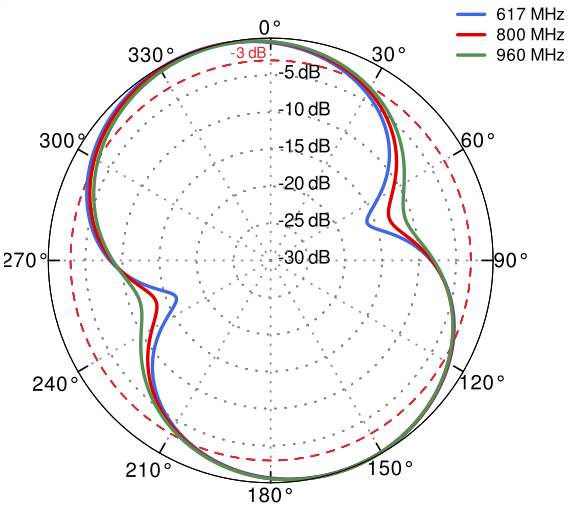

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## WiFi - V GAIN

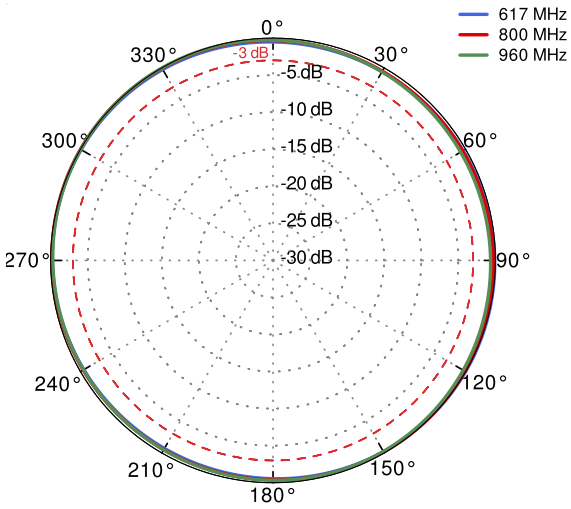



## 5G/LTE from 617MHz to 960MHz

ELEVATION




AZIMUTH

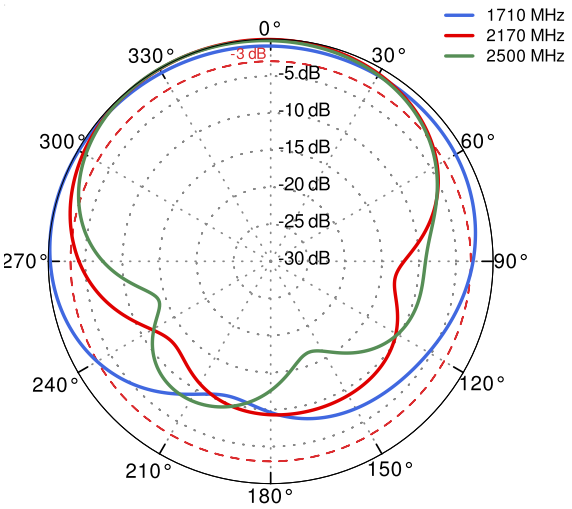




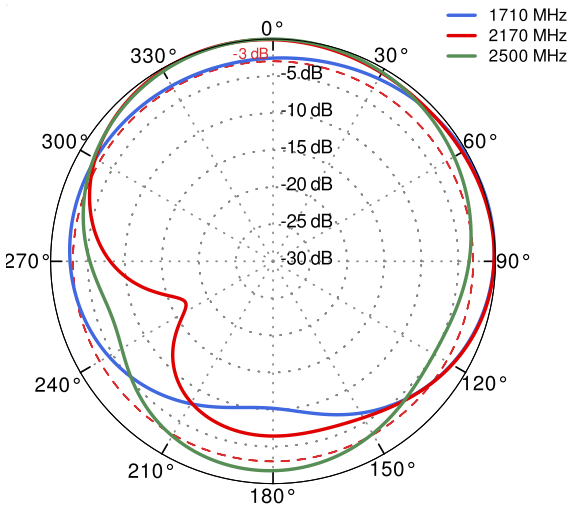
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## 5G/LTE from 1.71GHz to 2.5GHz

ELEVATION

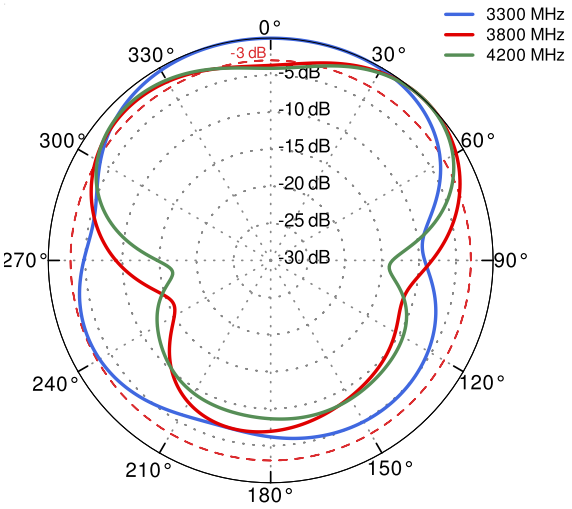



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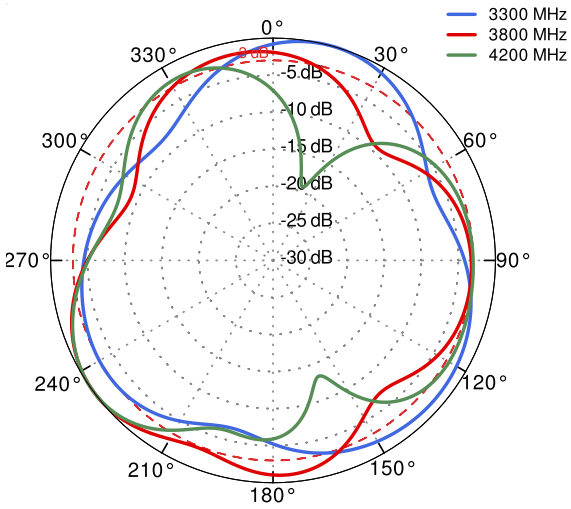



## 5G/LTE from 3.3GHz to 4.2GHz

ELEVATION




AZIMUTH

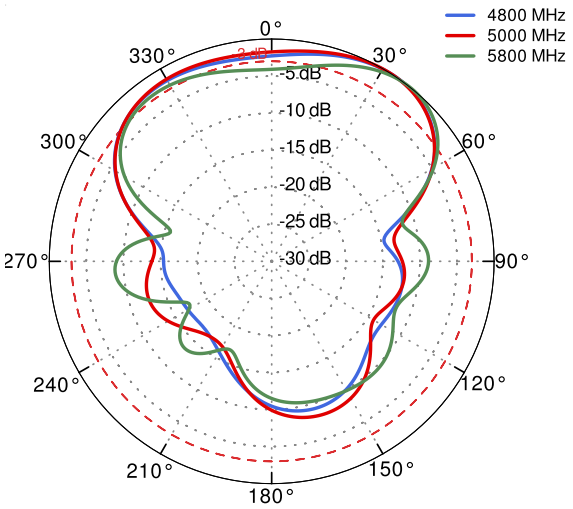




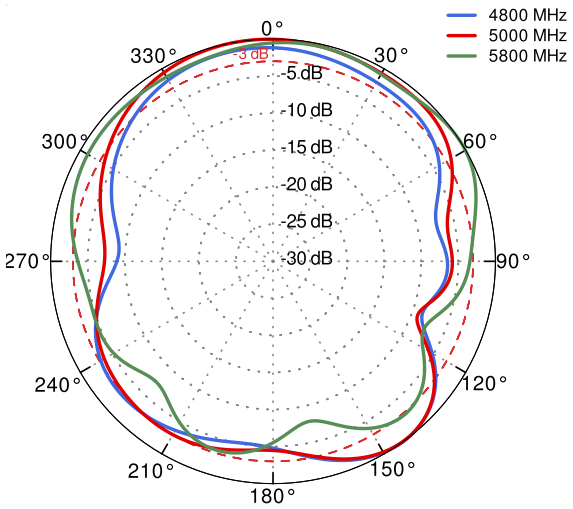
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## 5G/LTE from 4.8GHz to 5.8GHz

ELEVATION

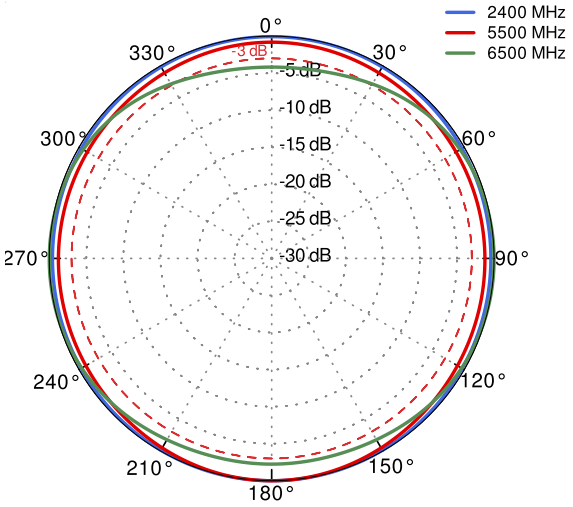



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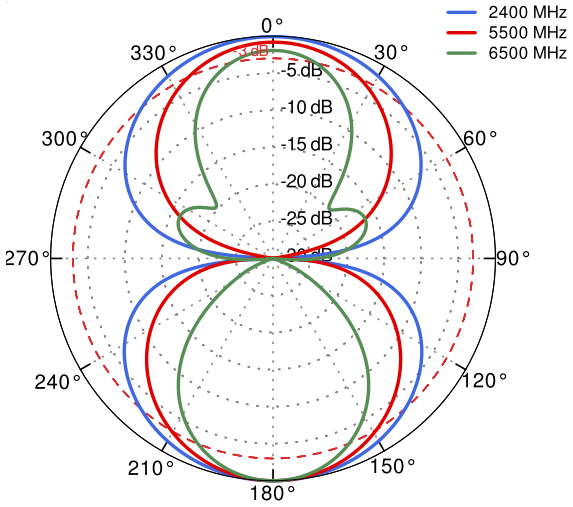



## Wi-Fi X Port 1 From 2.4 GHz to 6.5 GHz

ELEVATION




AZIMUTH

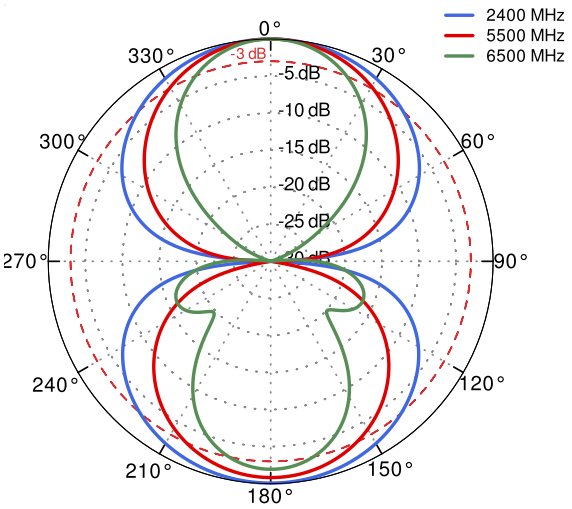




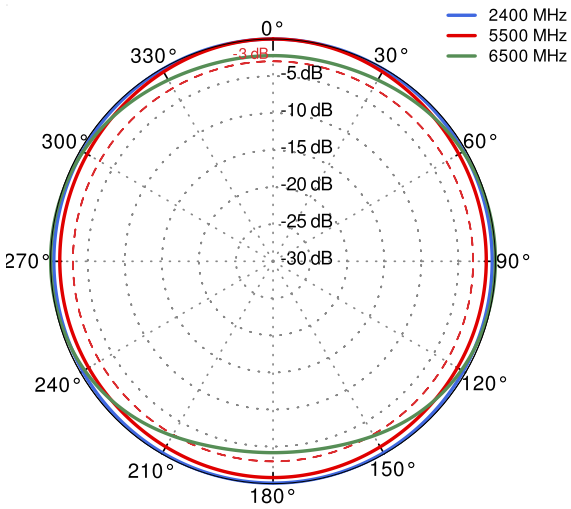
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## Wi-Fi X Port 2 From 2.4 GHz to 6.5 GHz

ELEVATION

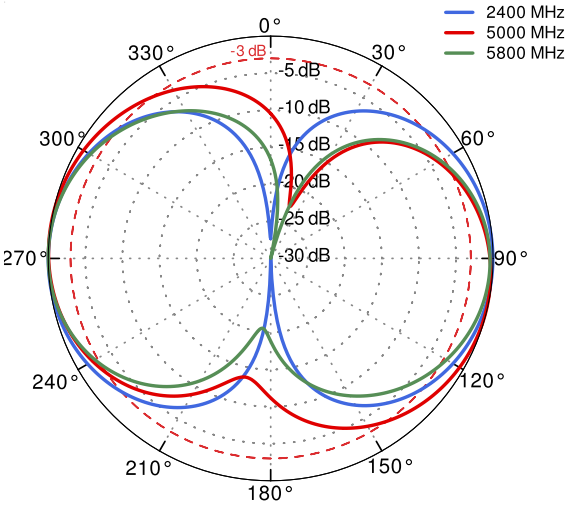



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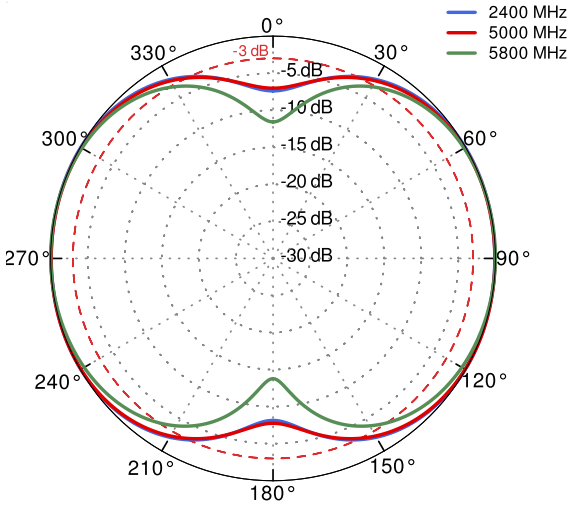



## Wi-Fi V From 2.4 GHz to 6.5 GHz

ELEVATION



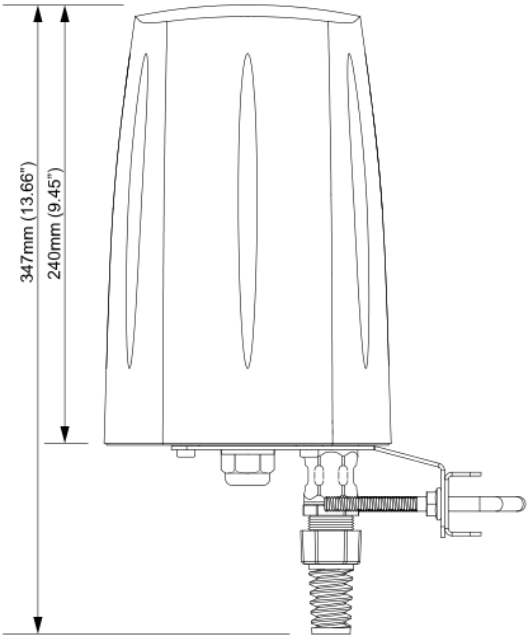

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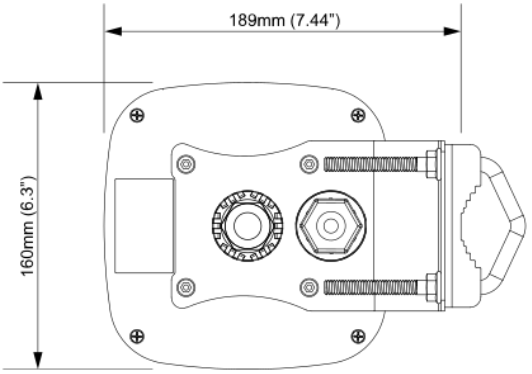




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# DIMENSIONS




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