TAOGLAS®

THORBR1

Thunder Series

Integrated 5G Omnidirectional Antenna for Peplink MAX BR1 Mini 5G

- Integrated Wideband 5G & Wi-Fi® Omnidirectional MIMO Antenna
- Cavity To Install Peplink Max BR1 Mini 5G Router
- Robust IP67 Rated Enclosure

Contents

Ireland & USA ISO 9001:2015 Certified

Taiwan ISO 9001:2015 Certified

IATF16949

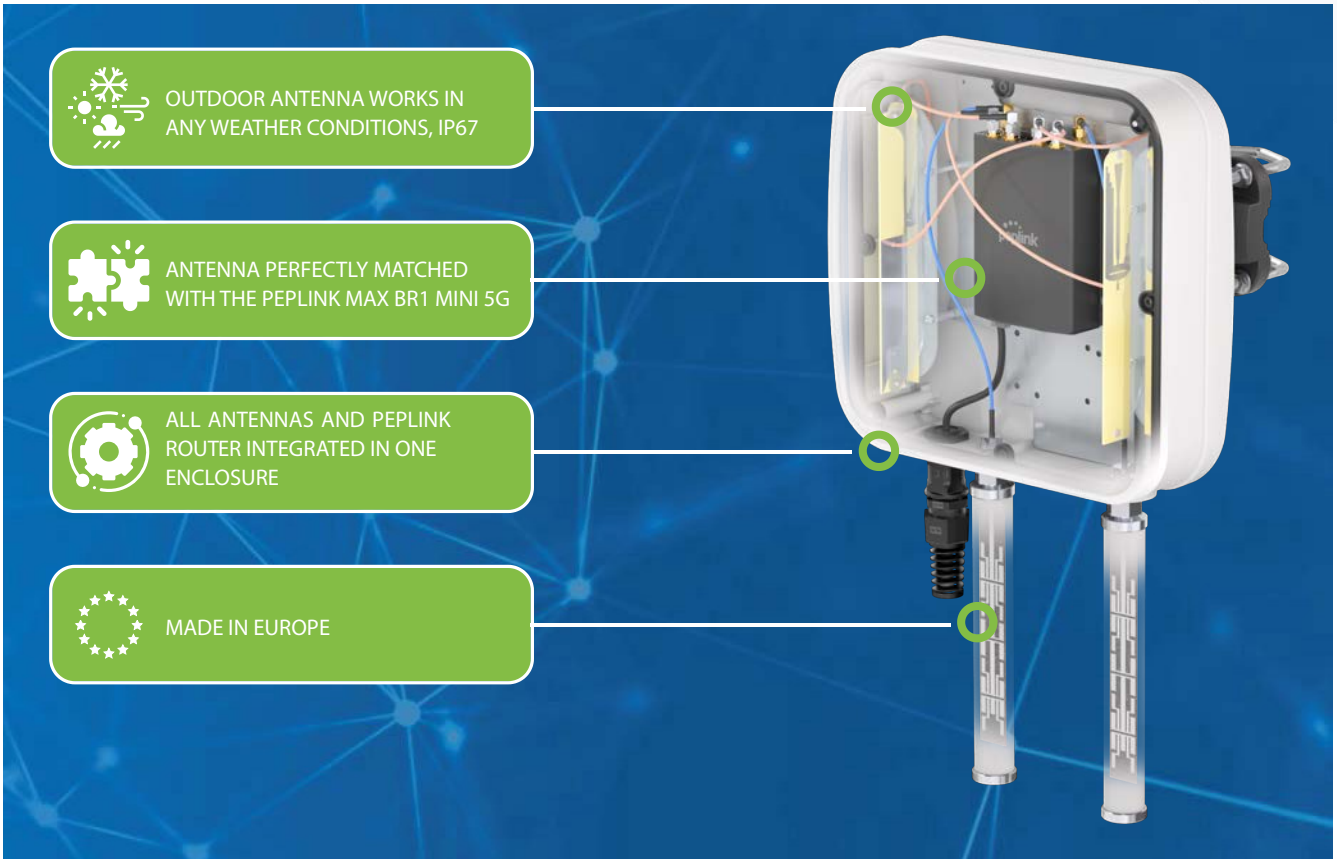
Thunder Series THORBR1

Integrated WIDEBAND 5G/4G Omnidirectional Antenna for Peplink MAX BR1 Mini 5G

INTEGRATED WIDEBAND 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + PLACE TO INSTALL PEPLINK MAX BR1 MINI 5G (ALL-IN-ONE)

The Taoglas **THORBR1** is an omnidirectional all-in-one antenna for Peplink MAX BR1 Mini 5G routers is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, and RVs. It has embedded omnidirectional 5G and Wi-Fi® antennas. If you use a Peplink MAX BR1 Mini 5G router with a THORBR1 Thunder omnidirectional antenna enclosure, you get a complete integrated solution with embedded router and multi-band antennas in one enclosure.

5G | 694-6000MHz | 7 dBi | Wi Fi DUALBAND 2.4GHz 5GHz | 2.4GHz + 5GHz 6GHz + 7GHz | OMNI DIRECTIONAL | IP 67 | -40° TO +75°



5G/4G ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 : 2.5 dBi
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	<1.80, max <2.00
BEAMWIDTH	360°/35° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50Ω

WI-FI SPECIFICATION

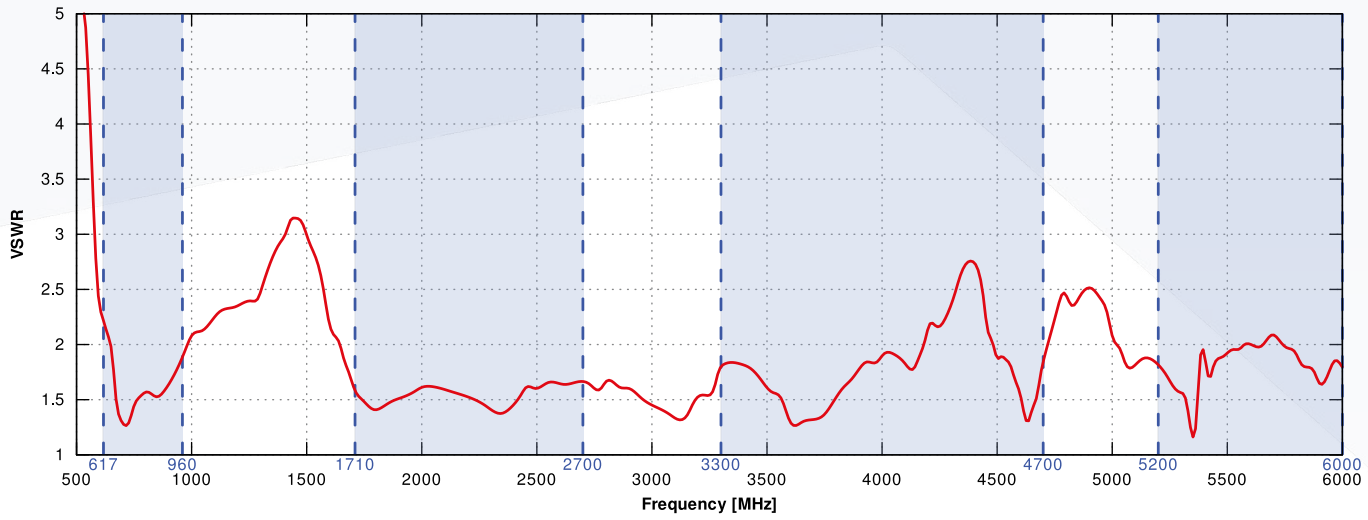
FREQUENCY	2.4 - 2.5 MHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz : 6 dBi 5 GHz : 7.5 dBi 7 GHz : 7.5 dBi
VSWR	<1.50, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

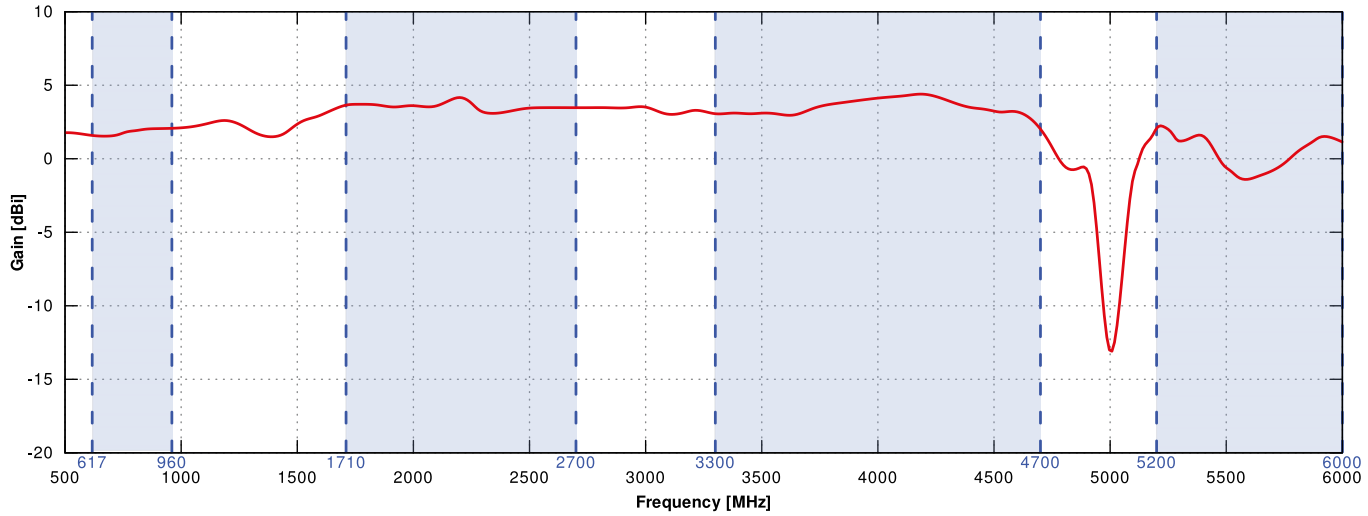
MATERIAL	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.73 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0,6 - 0,8 Nm

PLOTS

5G/4G VSWR

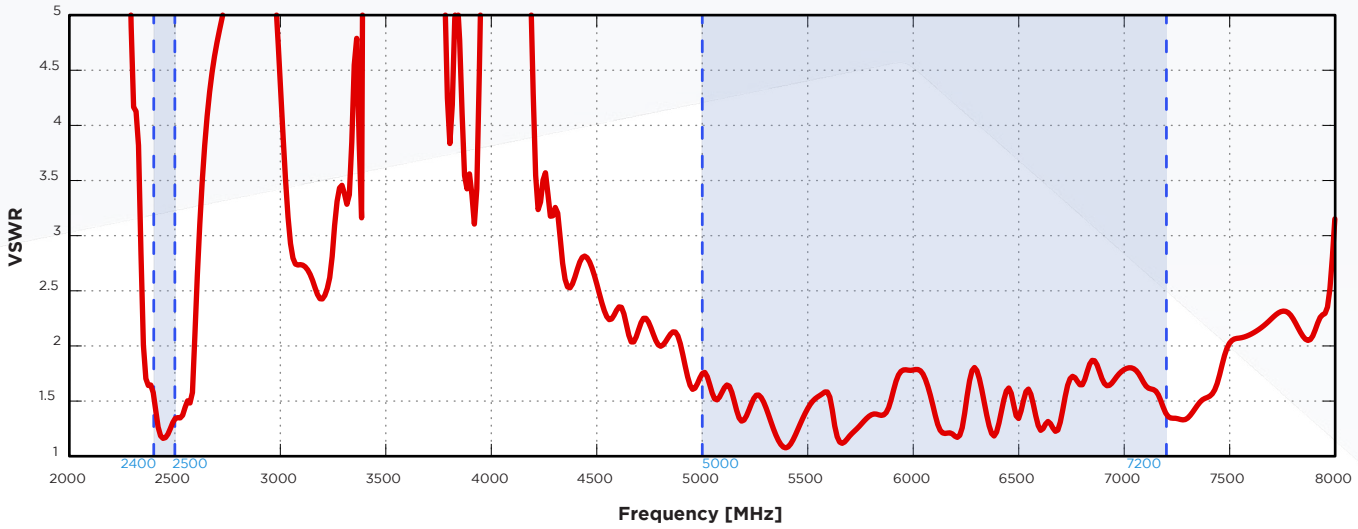


5G/4G Gain

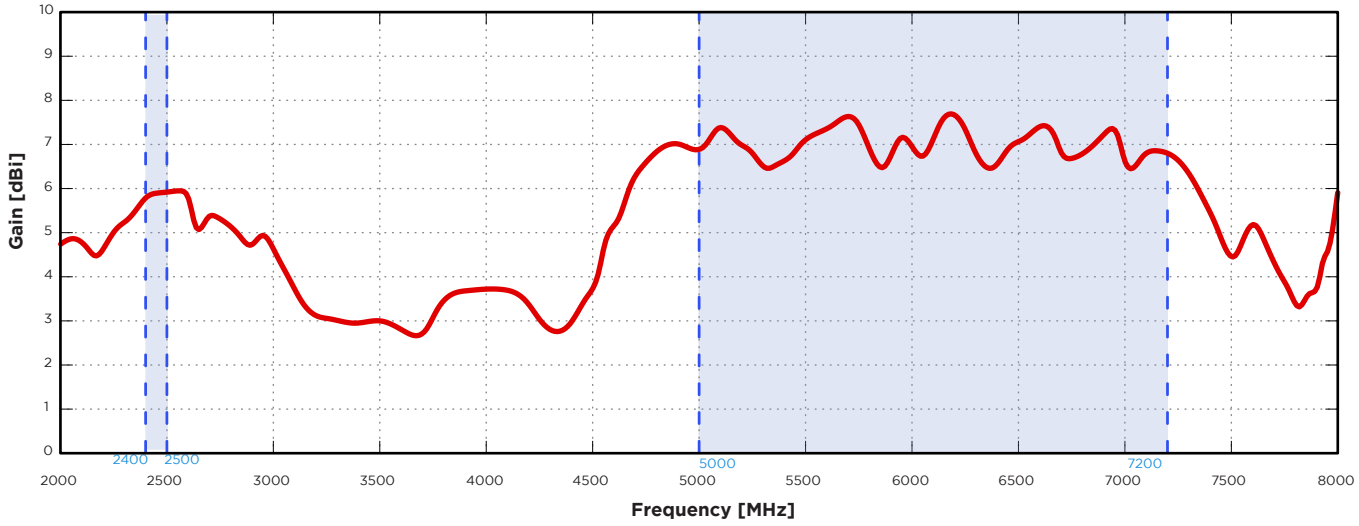


PLOTS

Wi-Fi VSWR

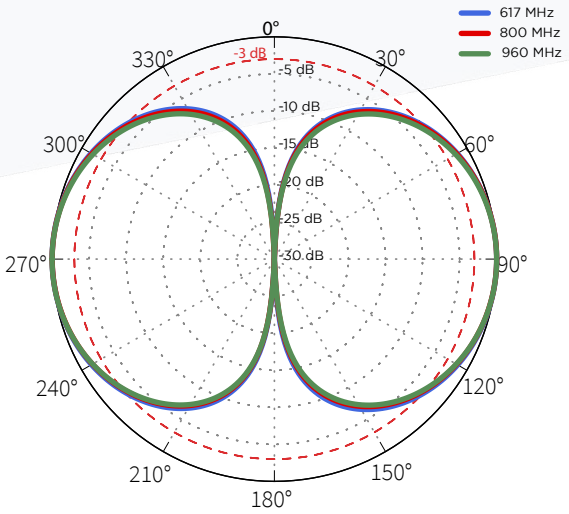


Wi-Fi Gain

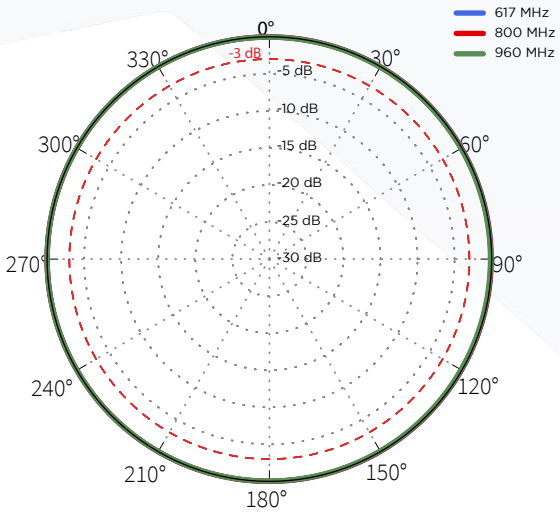


5G/4G from 617 MHz to 950 MHz

ELEVATION

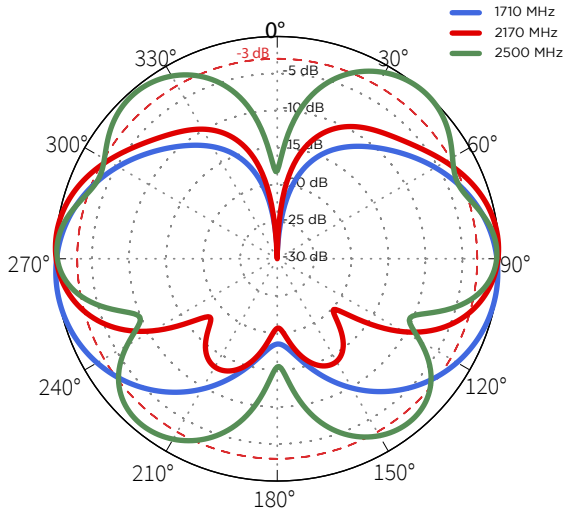


AZIMUTH



5G/4G from 1.71 GHz to 2.5 GHz

ELEVATION



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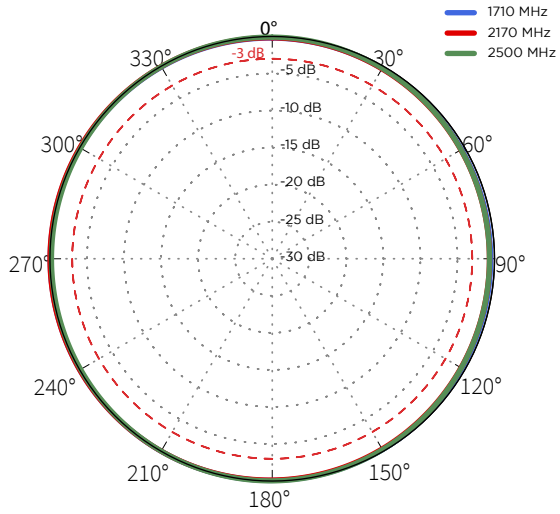
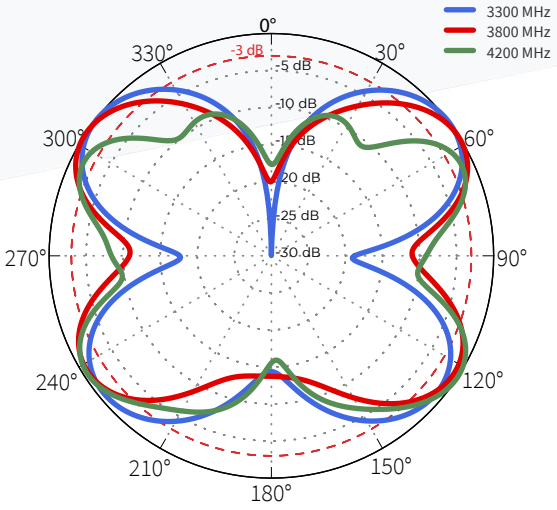


5G/4G from 3.3 GHz to 4.2 GHz

ELEVATION



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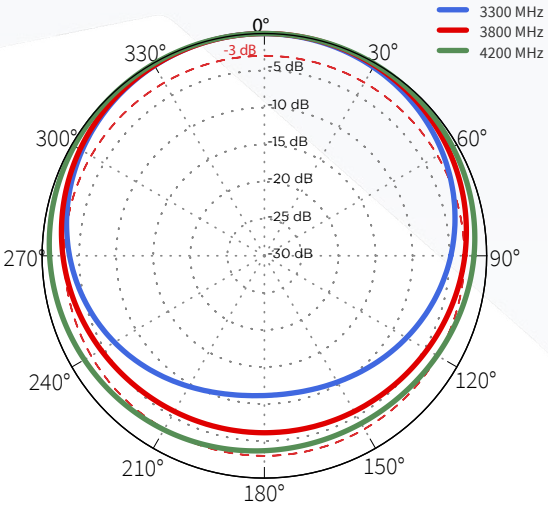
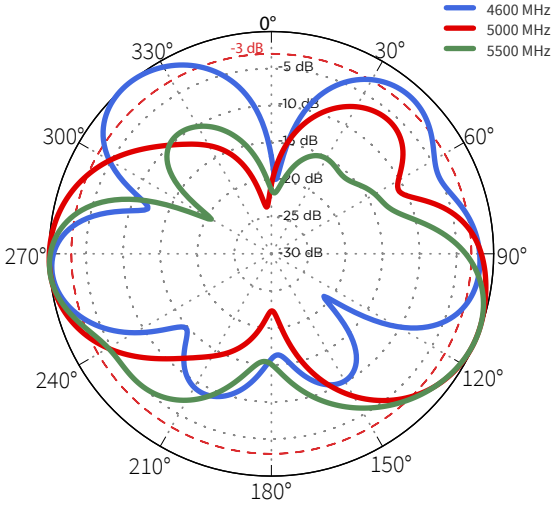


5G/4G from 4.6 GHz to 5.5 GHz

ELEVATION



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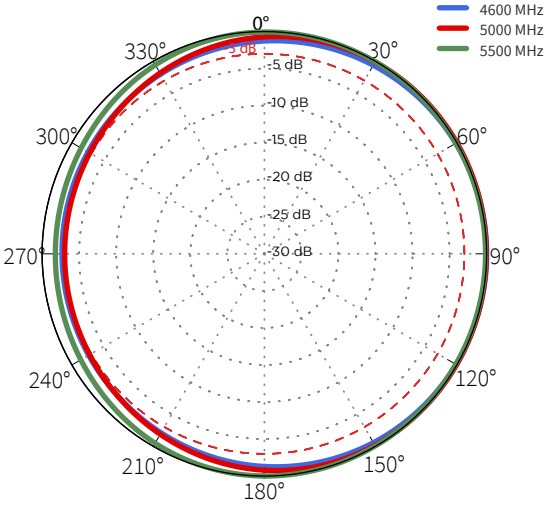
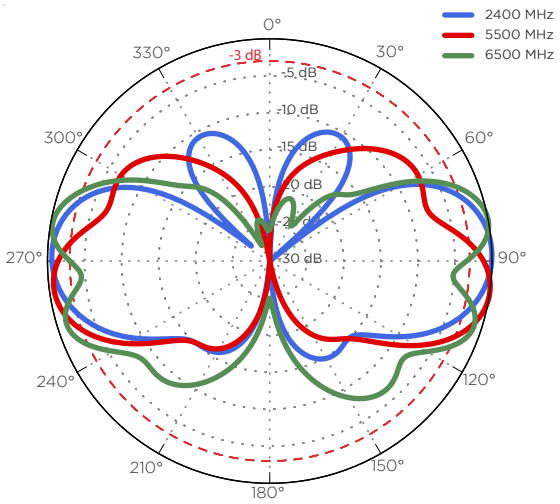


Wi-Fi 2.4 GHz and 5.5 GHz and 6 GHz

ELEVATION



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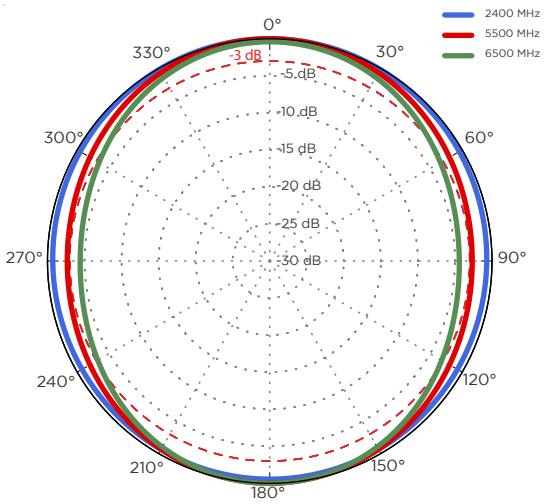

DIMENSIONS