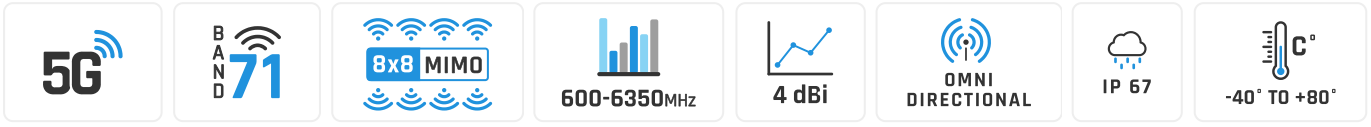
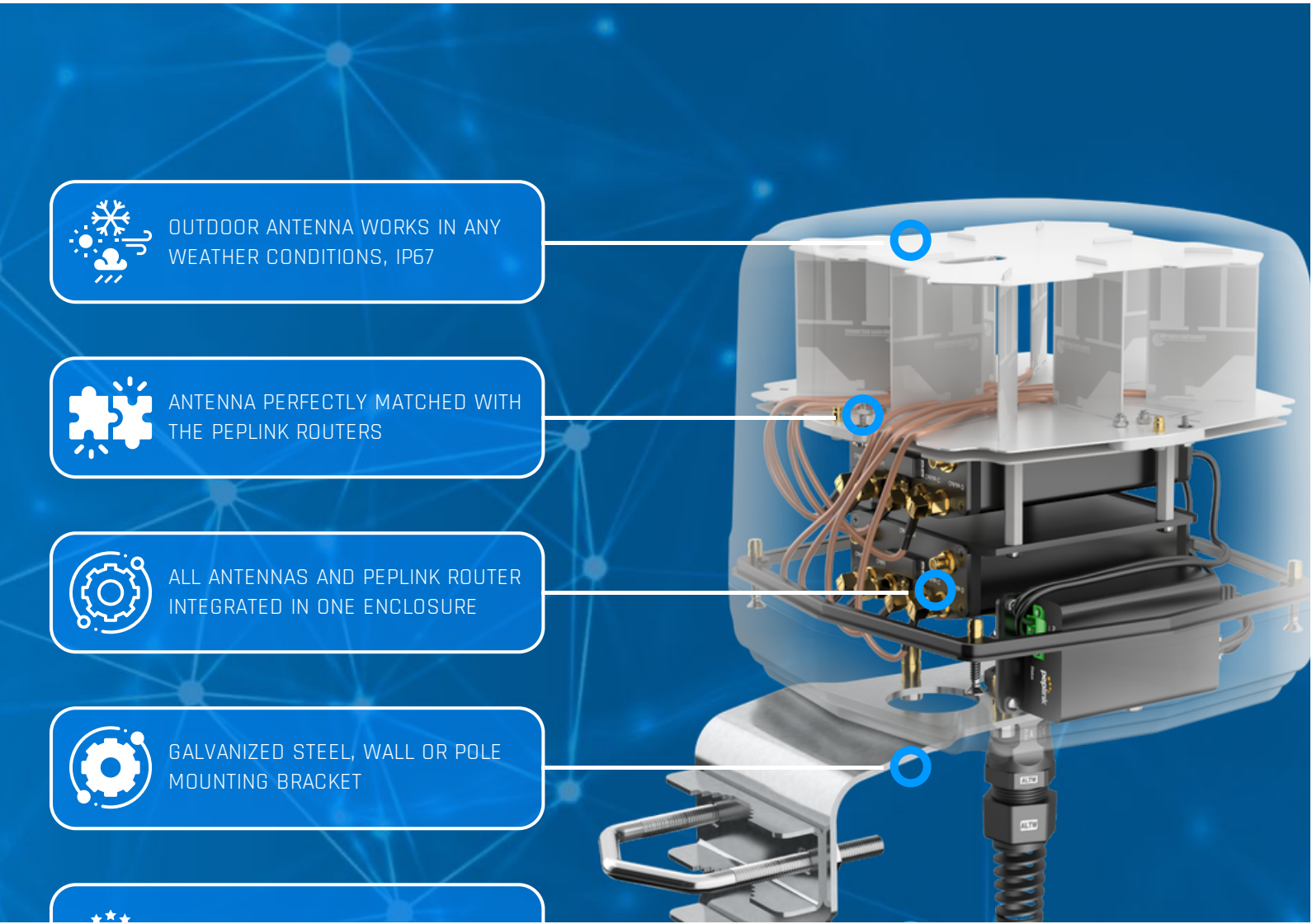
QuWave Lite XL 2* Peplink MAX BR1 Mini 5G

INTEGRATED MULTI-BAND 5G/LTE OMNI ANTENNA + PLACE TO INSTALL POE SPLITTER + PLACE TO INSTALL PEPLINK ROUTERS (ALL-IN-ONE)

QuWave Lite is an all-in-one outdoor connectivity solution that combines **high-gain omnidirectional 5G/LTE** antennas and space for **two Peplink MAX BR1 Mini 5G** routers and a **PoE Splitter MAX** inside a single rugged IP67-rated enclosure.
Designed to support **Peplink's Synergy Mode**, it enables multiple routers to operate as a single centrally managed WAN platform, delivering flexible multi-WAN connectivity for demanding applications. Ideal for transportation, marine, camping, and high-density urban deployments, QuWave simplifies installation while providing reliable, high-performance outdoor wireless connectivity.





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	8x SMA
CABLE TYPE	RG316

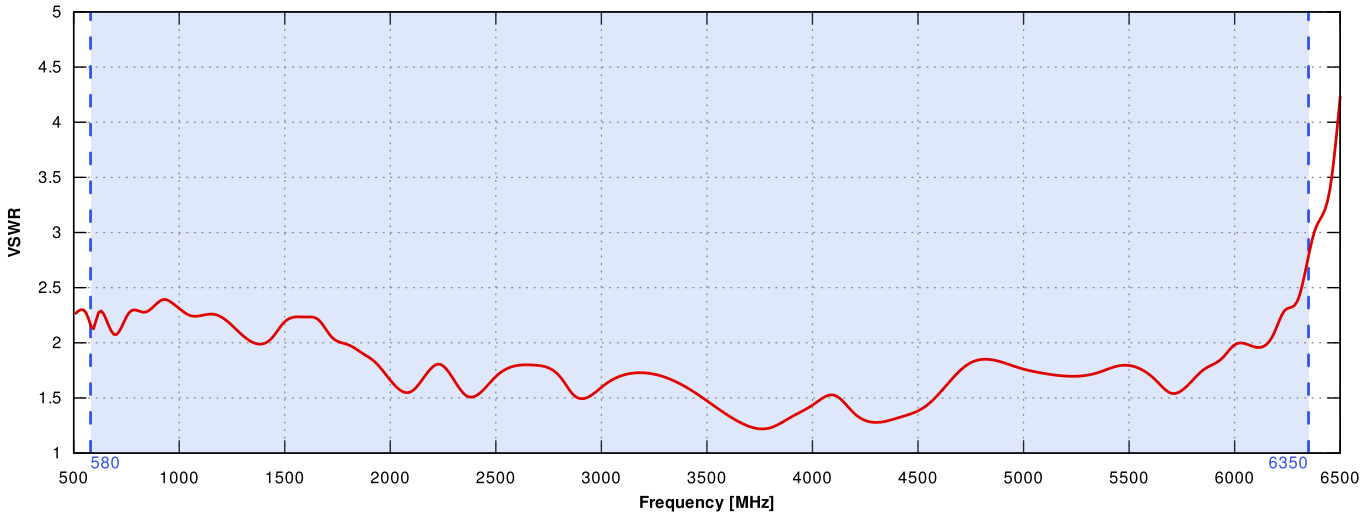
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MECHANICAL SPECIFICATION

MATERIALS	ASA, aluminum, PTFE
CONNECTOR TYPE	1x QuRJ45
OUTER DIMENSIONS	210 x 210 x 205 mm 8.27 x 8.27 x 8.07 inch
INGRESS PROTECTION	IP67
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-66 mm 0.98-2.60 inch
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm

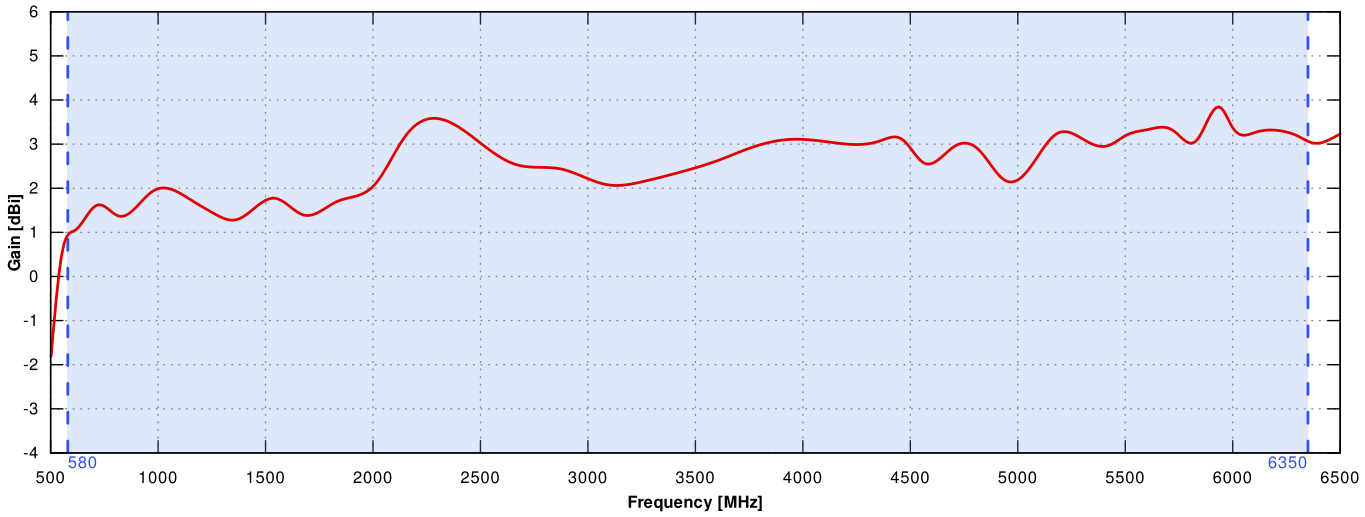
PLOTS

5G/LTE VSWR



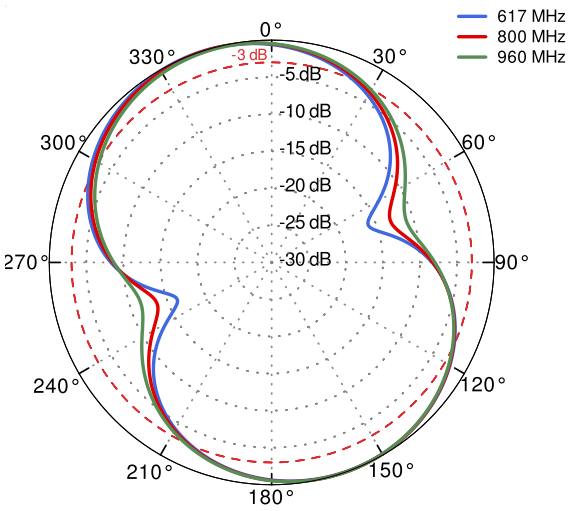
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5G/LTE Gain

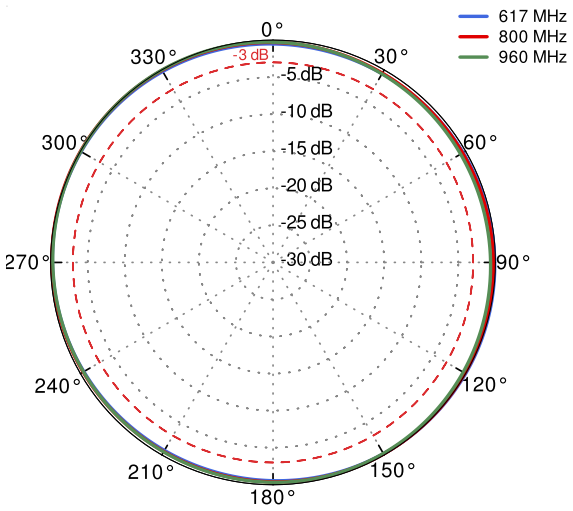


5G/LTE From 617MHz to 960MHz

ELEVATION



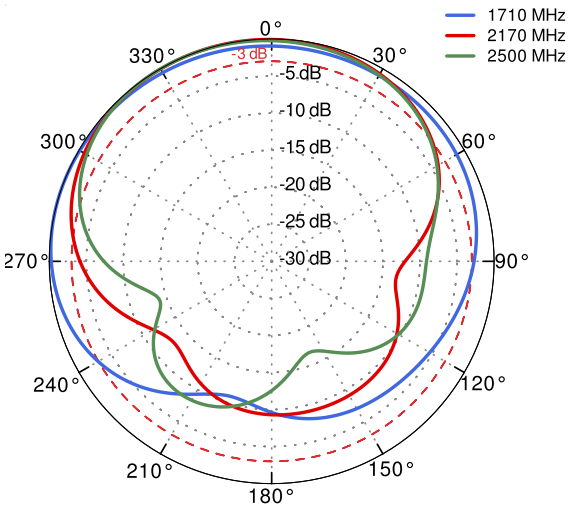
AZIMUTH



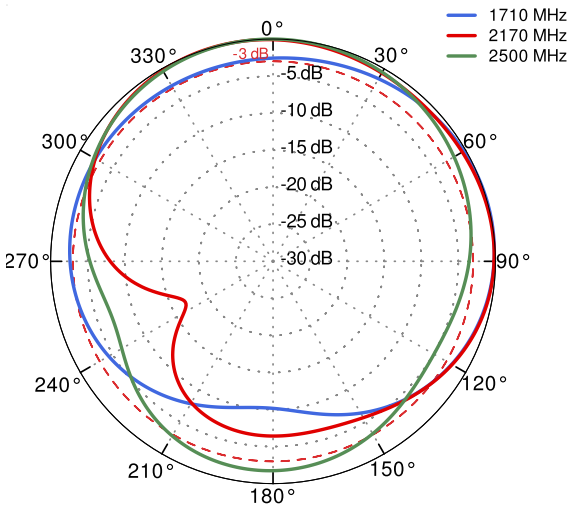
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5G/LTE From 1.71GHz to 2.5GHz

ELEVATION

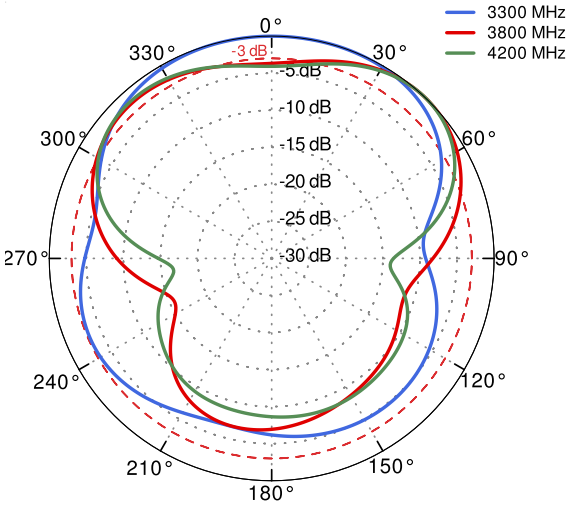


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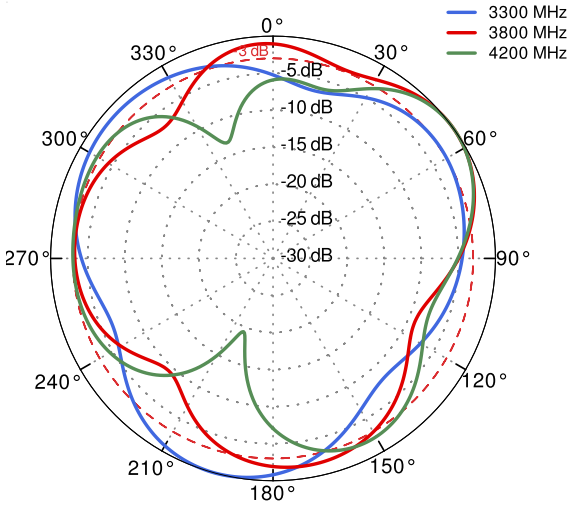


5G/LTE From 3.3GHz to 4.2GHz

ELEVATION



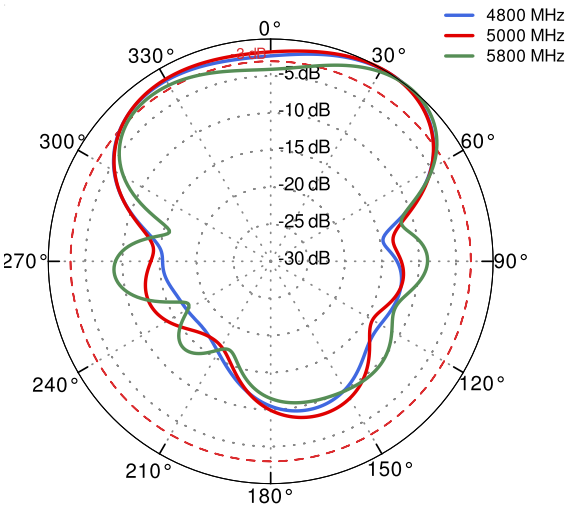
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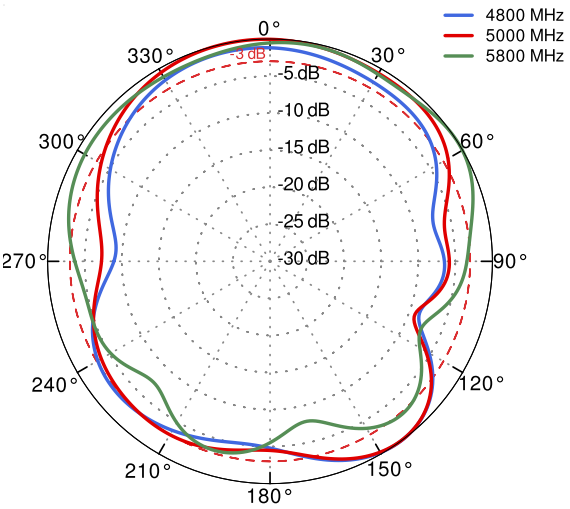
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5G/LTE From 4.8GHz to 5.8GHz

ELEVATION



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