QuMax for Teltonika RUT951 POE+

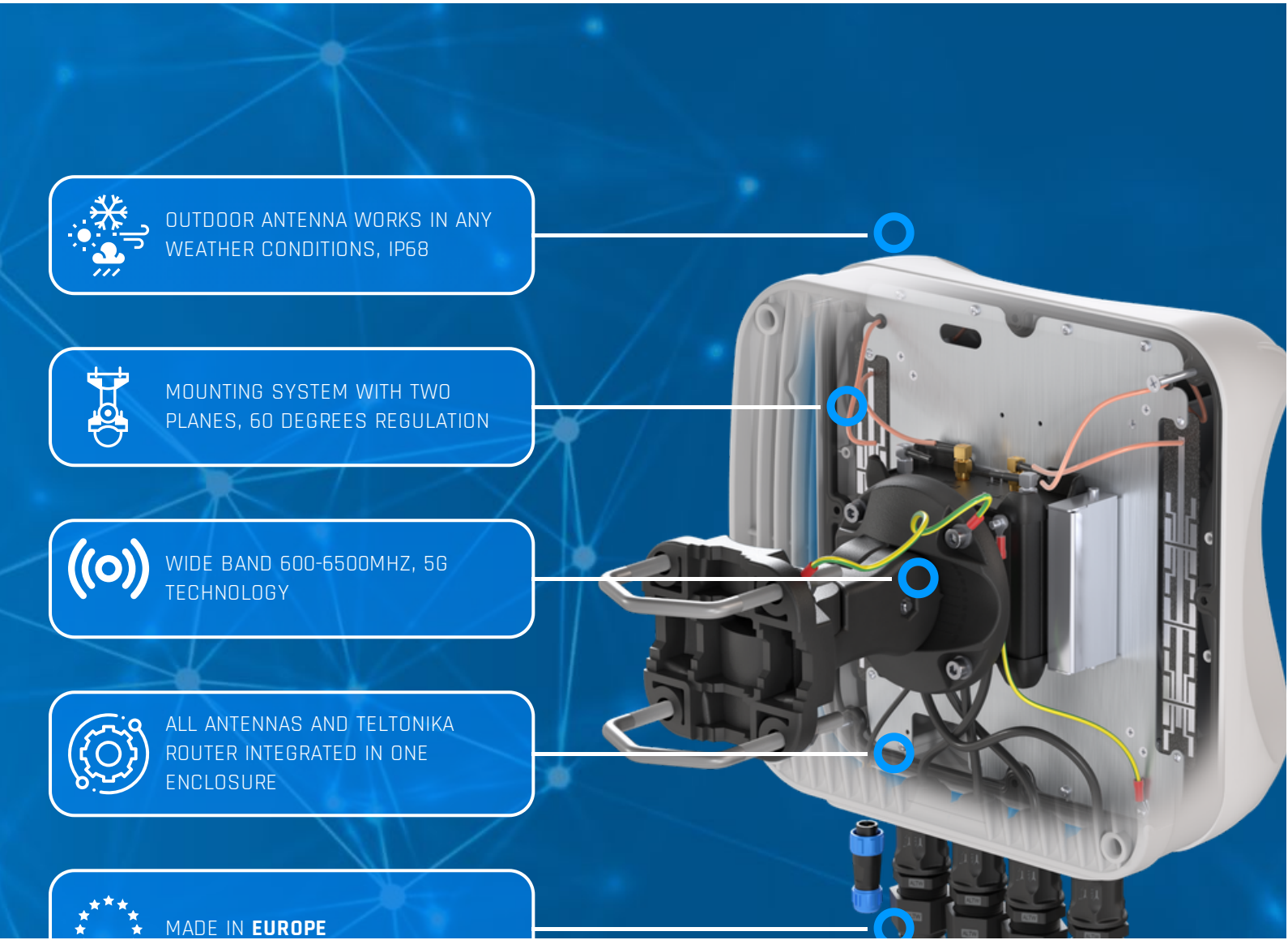
INTEGRATED MULTI-BAND 5G DIRECTIONAL ANTENNA + WI-FI OMNI ANTENNA + PLACE TO INSTALL TELTONIKA RUT951 POE+ (ALL-IN-ONE)

QuMax for Teltonika RUT951 PoE+ router features integrated directional 5G/LTE and Wi-Fi antennas, an internal mounting system for the router, and a bracket for pole or wall installation. To fully utilize the router's capabilities, it includes four RJ45 ports:

- 1x PoE IN 802.3af/at
- 3x PoE OUT 802.3af/at; 30W max per port; 90W total

It also comes equipped with a DC connector, supporting power input from a 9–57V DC source.
This all-in-one, versatile solution is ideal for a wide range of security applications. In addition to powering CCTV cameras, it can support various other PoE-enabled devices such as sensors, sirens, panic buttons, and more. **QuMax simplifies advanced security deployments with a compact, integrated design.**

5G | BAND 71 | 2x2 MIMO | 617-6500MHz | 7 dBi | Wi Fi DUALBAND | 2.4GHz + 5GHz | DIRECTIONAL | IP 68 | -40° TO +80°



5G / LTE ANTENNA SPECIFICATION

FREQUENCY	0.617 - 1.0 GHz 1.0 - 3.08 GHz 3.3 - 5.0 GHz 5.0 - 6.5 GHz
MAX. GAIN	0.617 - 1.0 GHz : 6 dBi 1.0 - 3.08 GHz : 8 dBi 3.3 - 5.0 GHz : 6.8 dBi 5.0 - 6.5 GHz : 5.5 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, 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, n102, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	80°/80° ±15°
POLARIZATION	X (+-45degrees)
IMPEDANCE	50 Ω
CONNECTOR	2x SMA
CABLE TYPE	RG316

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WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 4.7- 6.0 GHz
MAX. GAIN	2.4 - 2.5 GHz : 6 dBi 4.7 - 6.0 GHz : 7 dBi
VSWR	< 1.70, max < 2.00
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

MECHANICAL SPECIFICATION

RADOME MATERIAL	UV-resistant ASA
OPERATING HUMIDITY	up to 100% RH
MATERIALS	aluminum, PTFE, fiberglass
CONNECTOR TYPE	RJ45
POE IN	PoE In port 1 (LAN1): 802.3af/at compliant PD port
POE OUT	PoE Out ports 2-4 (LAN2, LAN3, WAN): 802.3af/at; 30W max per port; 90W total
INGRESS PROTECTION	IP68

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DIMENSIONS	27.0 x 37.7 x 34.5 ± 0.5 cm 10.62 x 14.84 x 13.58 ± 0.19 inch
WEIGHT	1.93 kg 4.255 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.6 - 0.8 Nm

MOUNTING KIT

DIMENSIONS	9.9 x 10.5 x 14.8 ± 0.5 cm 3.9 x 4.13 x 5.83 ± 0.19 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
MOUNTING PLACE	Wall or ceiling or mast

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FREQUENCY BANDS

LTE / 4G

617 MHz

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	111	252	253	254	255	256

6500 MHz

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5G

617MHz – 6500MHz

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	n102	n106	n109
n110	n250	n251	n252	n253	n254	n255
n256						

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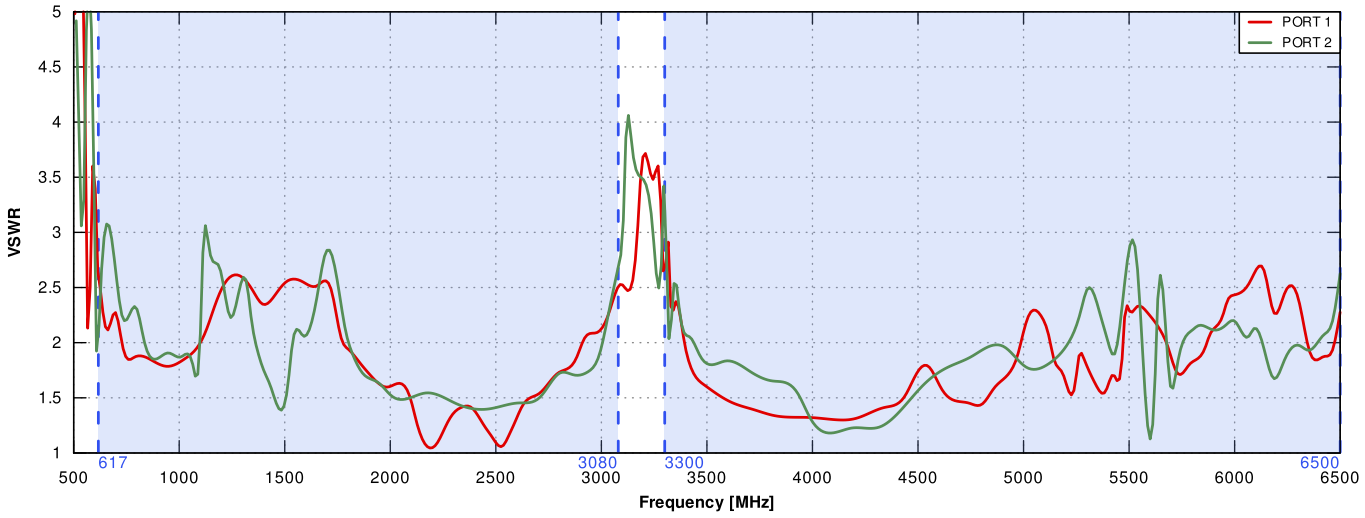
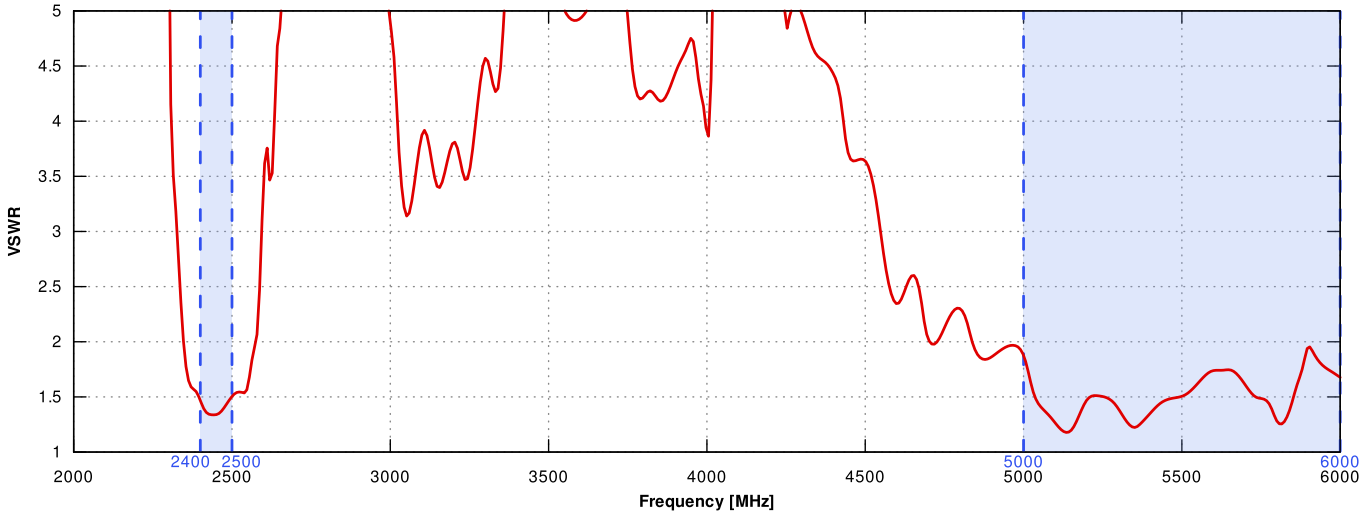
PLOTS

5G/LTE VSWR



WI-FI VSWR



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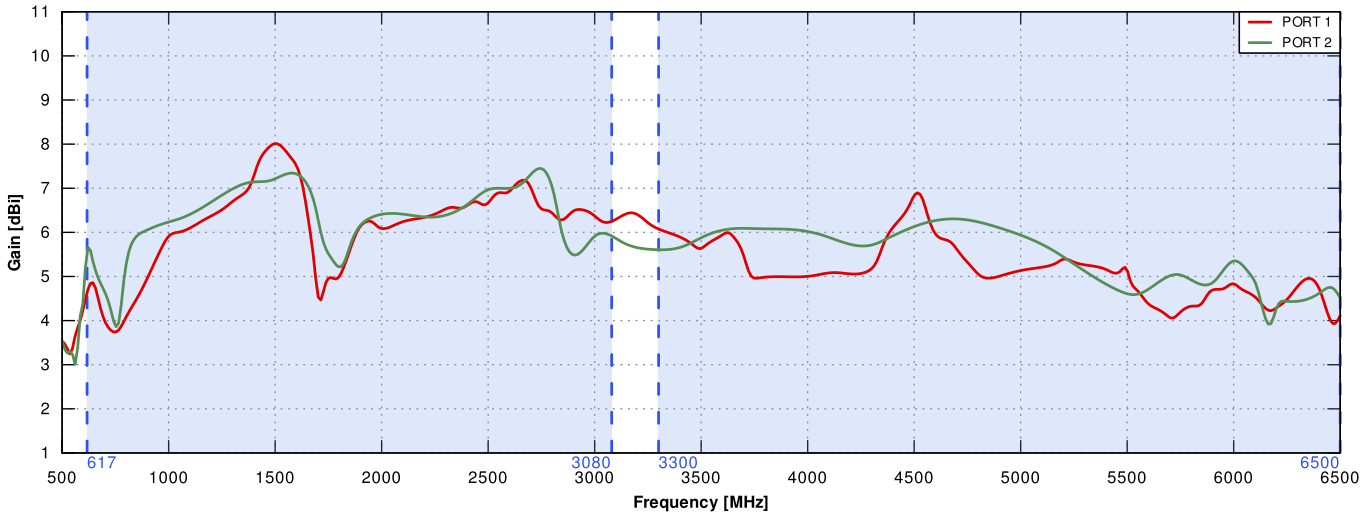
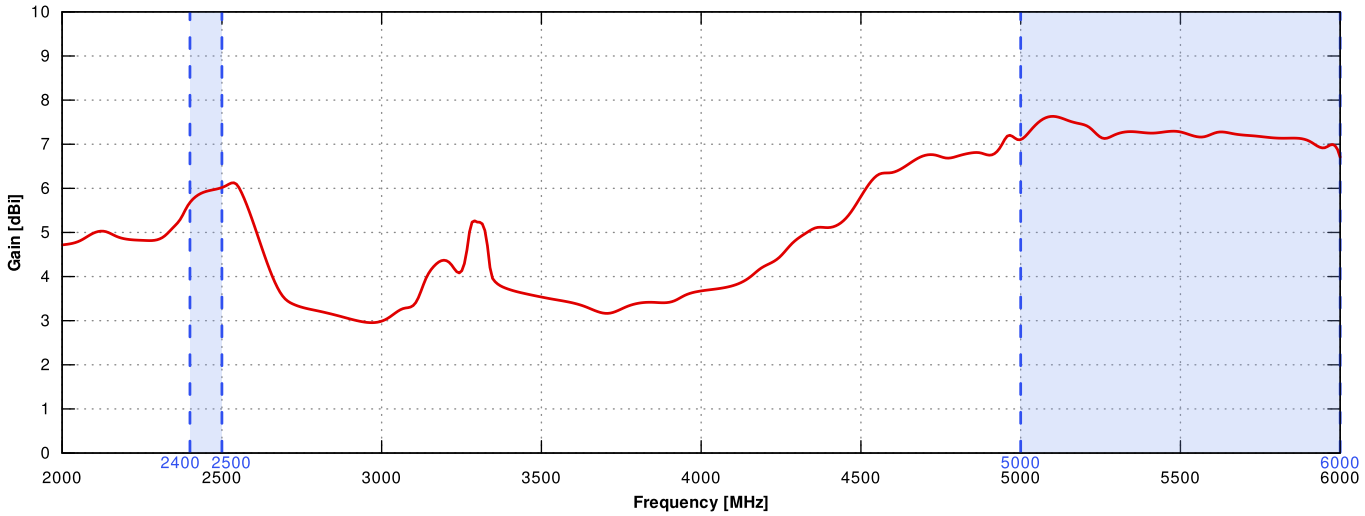
5G/LTE Gain



WI-FI Gain



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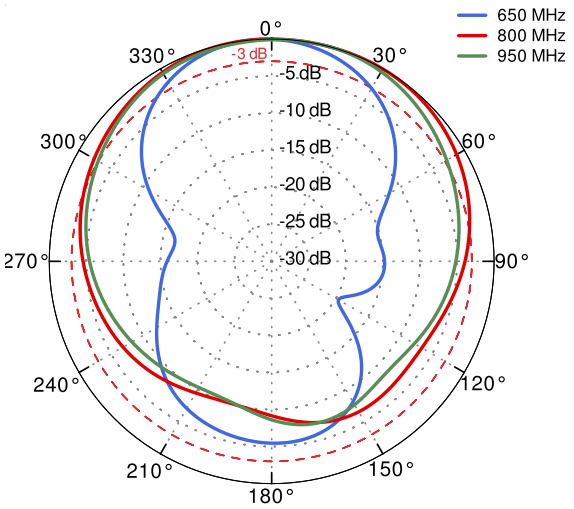
PORT 1 - 5G/LTE From 650MHz to 950MHz

ELEVATION



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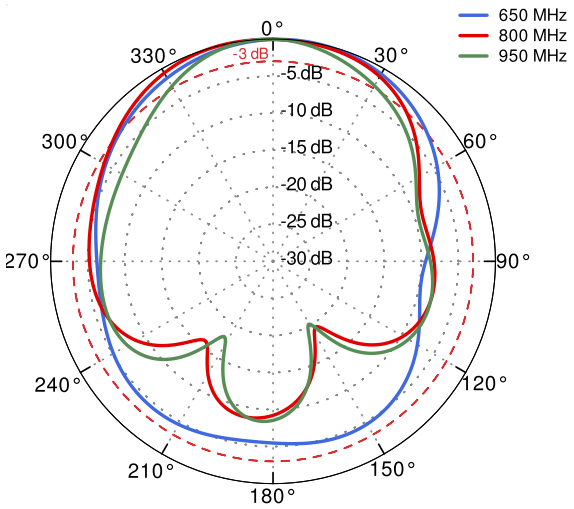

PORT 1 - 5G/LTE From 1710MHz to 2170MHz

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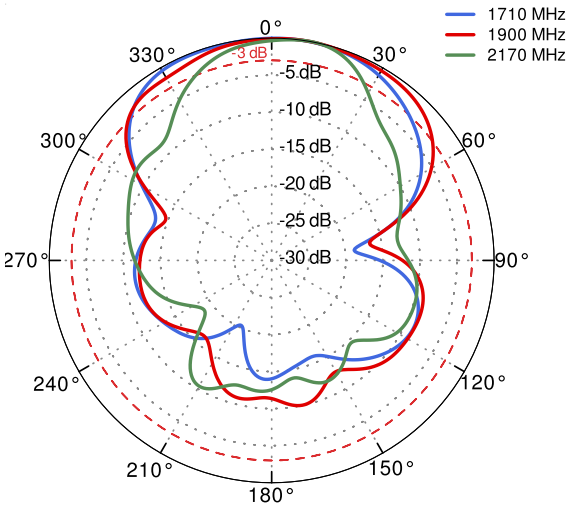

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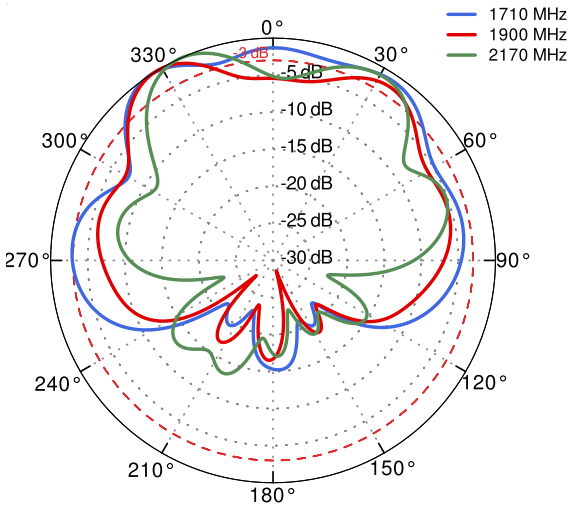

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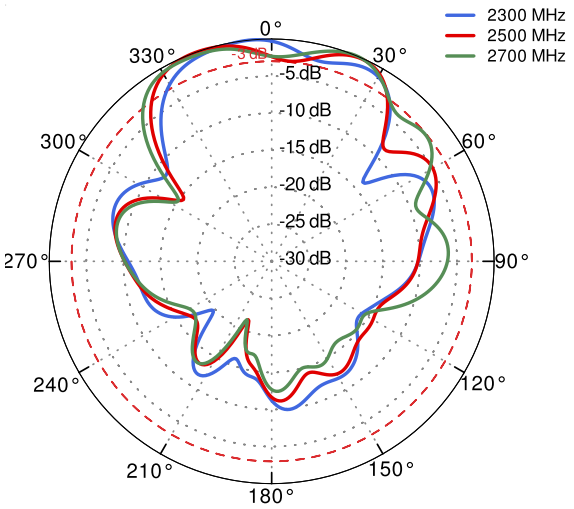
PORT 1 - 5G/LTE From 2300MHz to 2700MHz

ELEVATION



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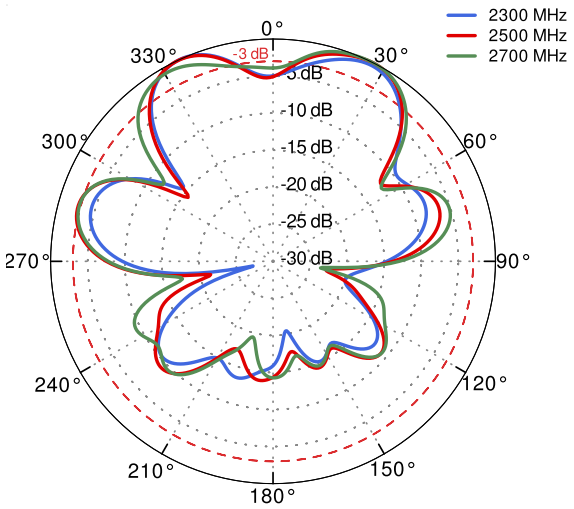

PORT 1 - 5G/LTE From 3300MHz to 3800MHz

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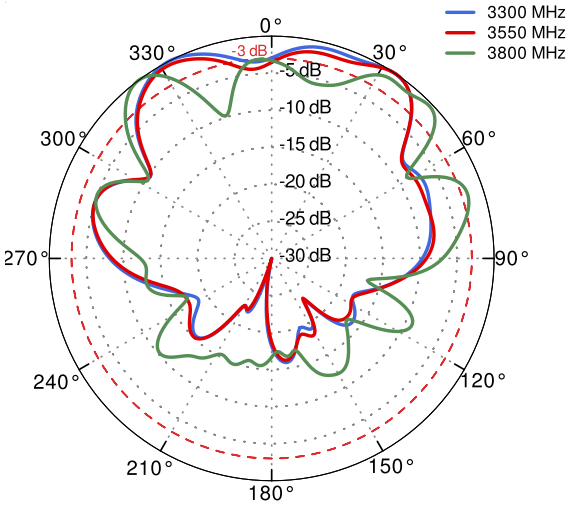

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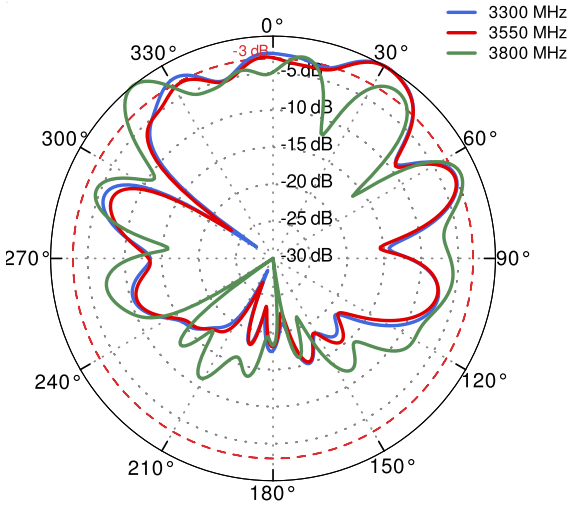

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PORT 1 - 5G/LTE From 4200MHz to 4600MHz

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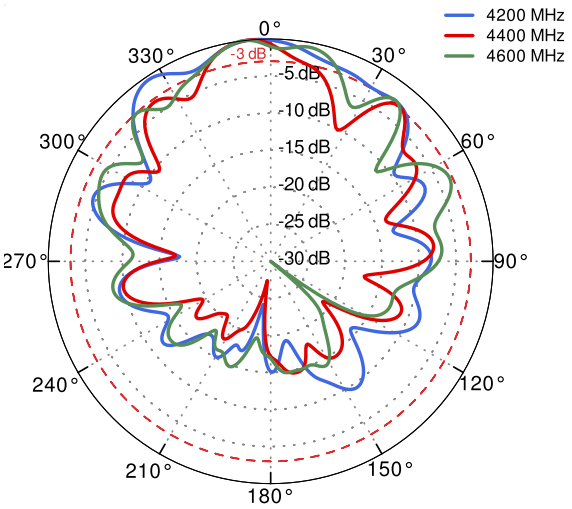

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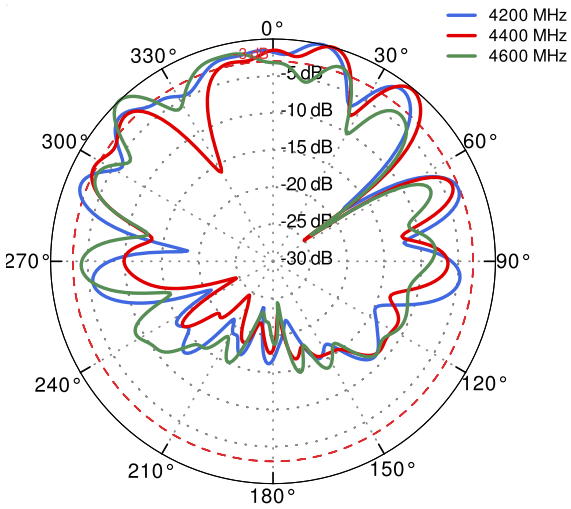

PORT 1 - 5G/LTE From 5000MHz to 5900MHz

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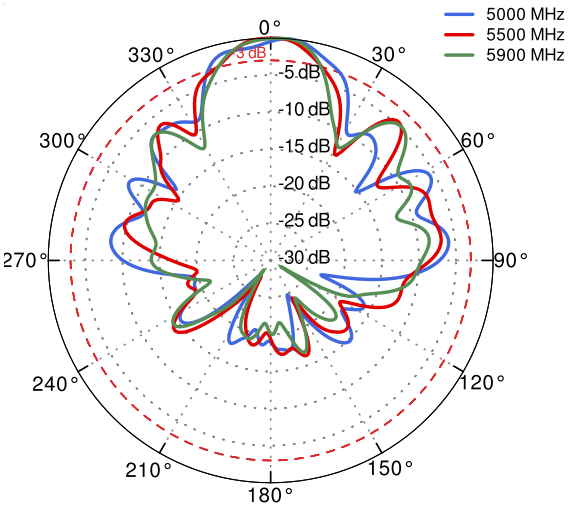

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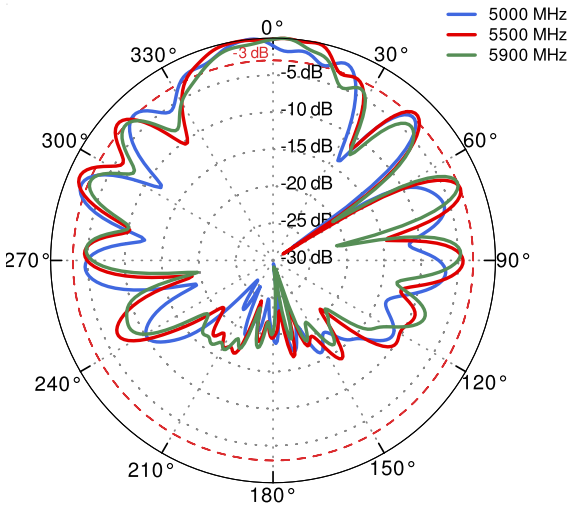

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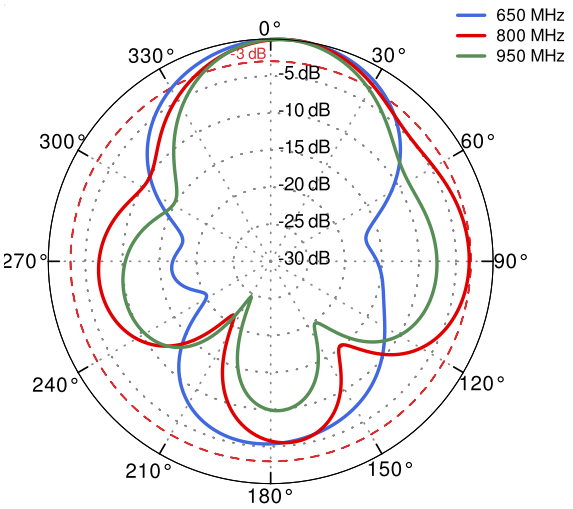
PORT 2 - 5G/LTE From 650MHz to 950MHz

ELEVATION



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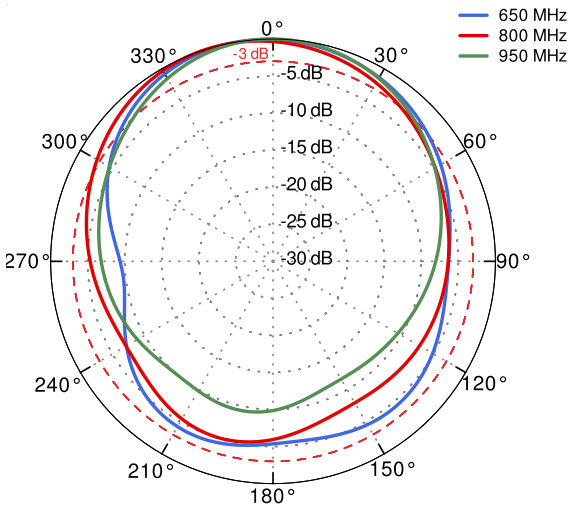
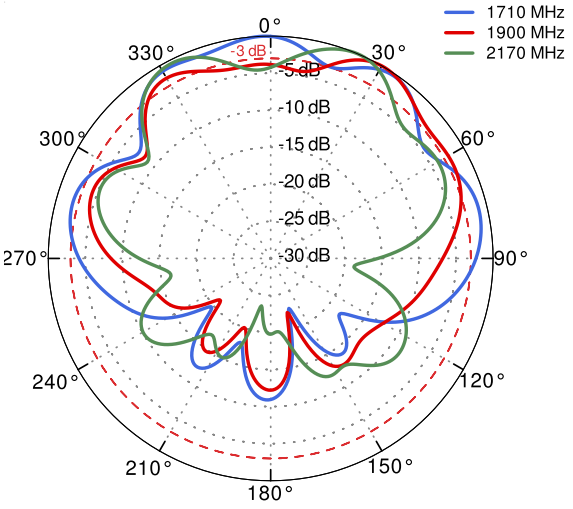


PORT 2 - 5G/LTE From 1710MHz to 2170MHz

ELEVATION



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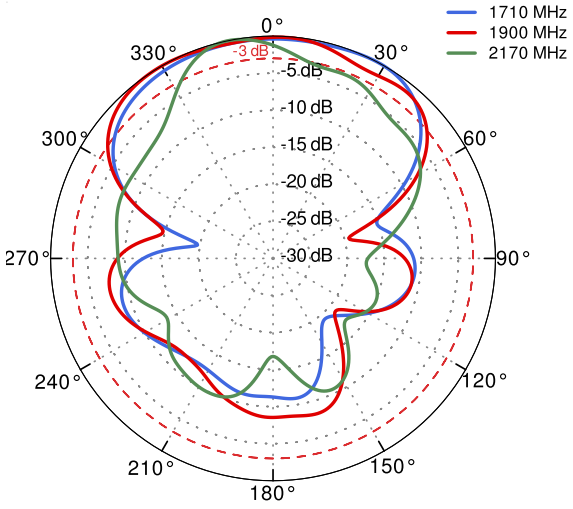

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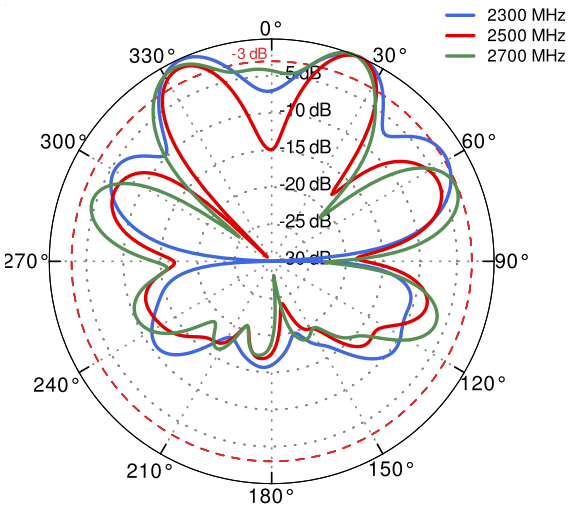
PORT 2 - 5G/LTE From 2300MHz to 2700MHz

ELEVATION



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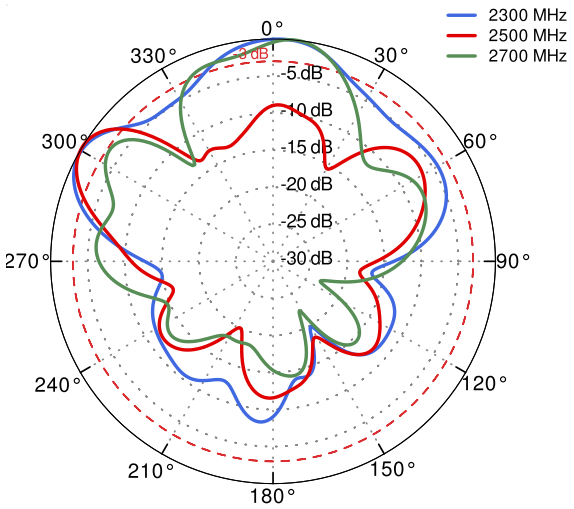
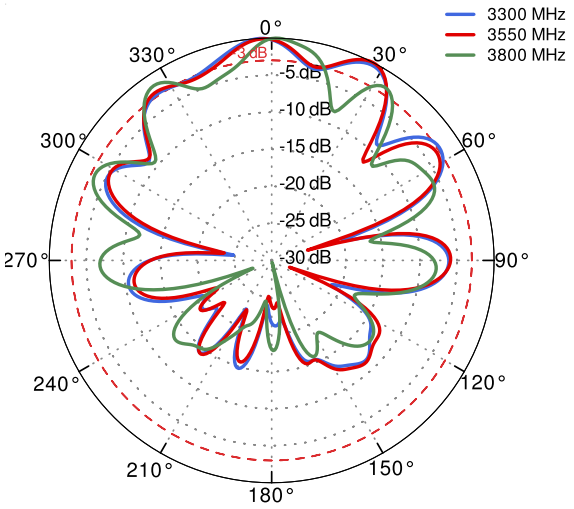


PORT 2 - 5G/LTE From 3300MHz to 3800MHz

ELEVATION



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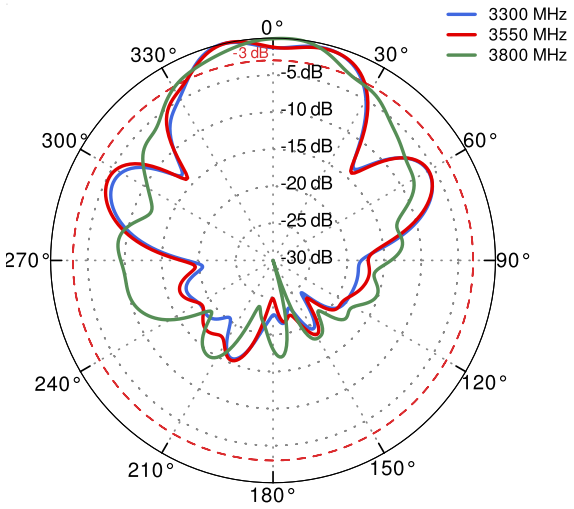

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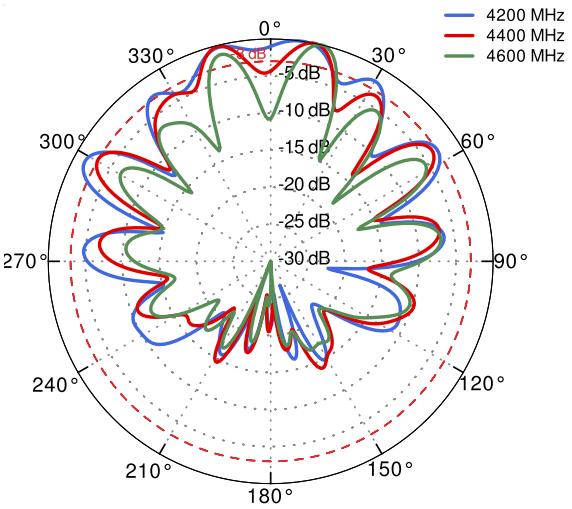
PORT 2 - 5G/LTE From 4200MHz to 4600MHz

ELEVATION



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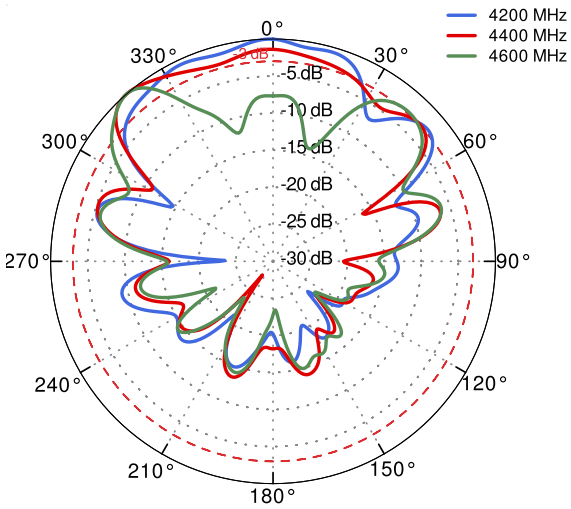
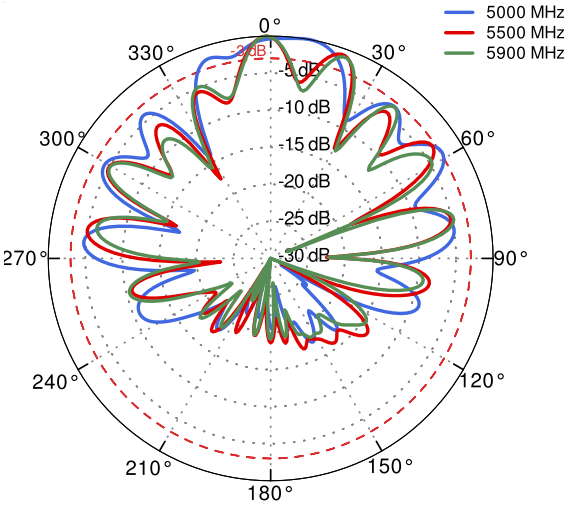


PORT 2 - 5G/LTE From 5000MHz to 5900MHz

ELEVATION



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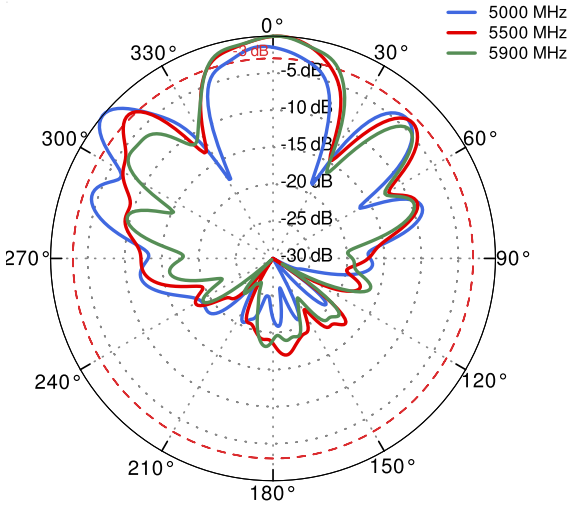

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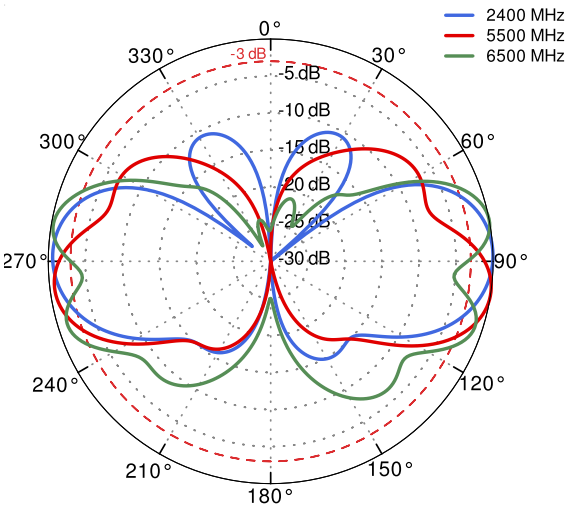
Wi-Fi From 2.4 GHz to 6.5 GHz

ELEVATION



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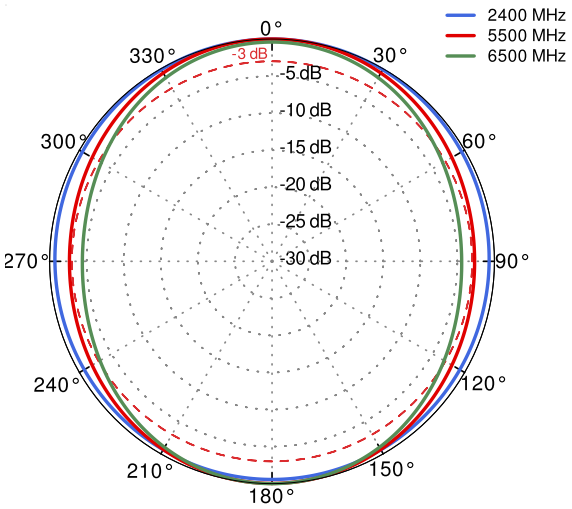

PORTS



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