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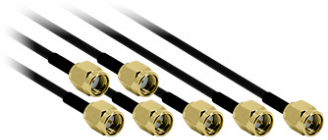
Tango 57

Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1



General Description

The Tango 57 is a high-performance 7-in-1 MIMO antenna system tailored for IoT/M2M, smart utilities, transportation, marine, and agricultural applications.

It features four 5G/LTE ports covering 617 MHz to 6000 MHz, supporting all major global 4G and 5G bands. Additionally, it includes two Wi-Fi ports supporting dual-band 2.4GHz, 5GHz, and 6GHz for compatibility with Wi-Fi 7 (802.11ax), providing high-speed, concurrent data transfer. The GPS port covers band L1 for applications requiring location tracking.

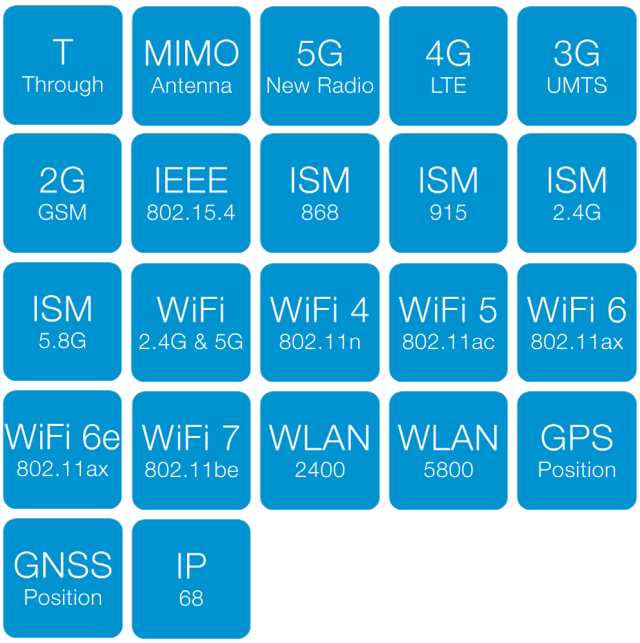
The Tango 57 excels with its optimised design, offering excellent omnidirectional radiation patterns, high efficiency and an IP68 rated enclosure. This antenna is ideal for applications demanding high-speed data throughput and reliable connectivity. Additional configurations are available to meet specific needs, with details provided at the end of this datasheet.

Key Features

- Supports 5G NR / 4G LTE / 3G UMTS Bands
- Covers 617 MHz to 6000 MHz for global cellular compatibility
- Supports Wi-Fi 7 (2.4 GHz, 5 GHz, and 6 GHz bands)
- GNSS support for GPS band L1
- High-efficiency omnidirectional radiation patterns
- IP68 rated for waterproof and dustproof protection
- Compact low-profile puck design for easy installation

Additional Considerations

- Suitable for IoT/M2M, smart utilities, transportation, marine, and agricultural applications
- Customisable cable lengths and connector types available upon request
- High isolation between antennas to maintain signal integrity.



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ANTENNA TEST LAB Verified

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Electrical Specifications

Impedance:	50 Ohm
Polarisation:	Vertical
Max input power:	25 W
Ground plane independent:	Yes

Environmental Specifications

Operating temperature range:	-40 °C to +85 °C
Storage temperature range:	-40 °C to +85 °C

Mechanical Specifications

Dimensions:	⌀113 mm Length, 49 mm Height
Weight:	230 g
Connector:	SMA Male / RP-SMA Male
Mounting method:	Through-hole/Screw Mount
Housing materials:	PC/ABS

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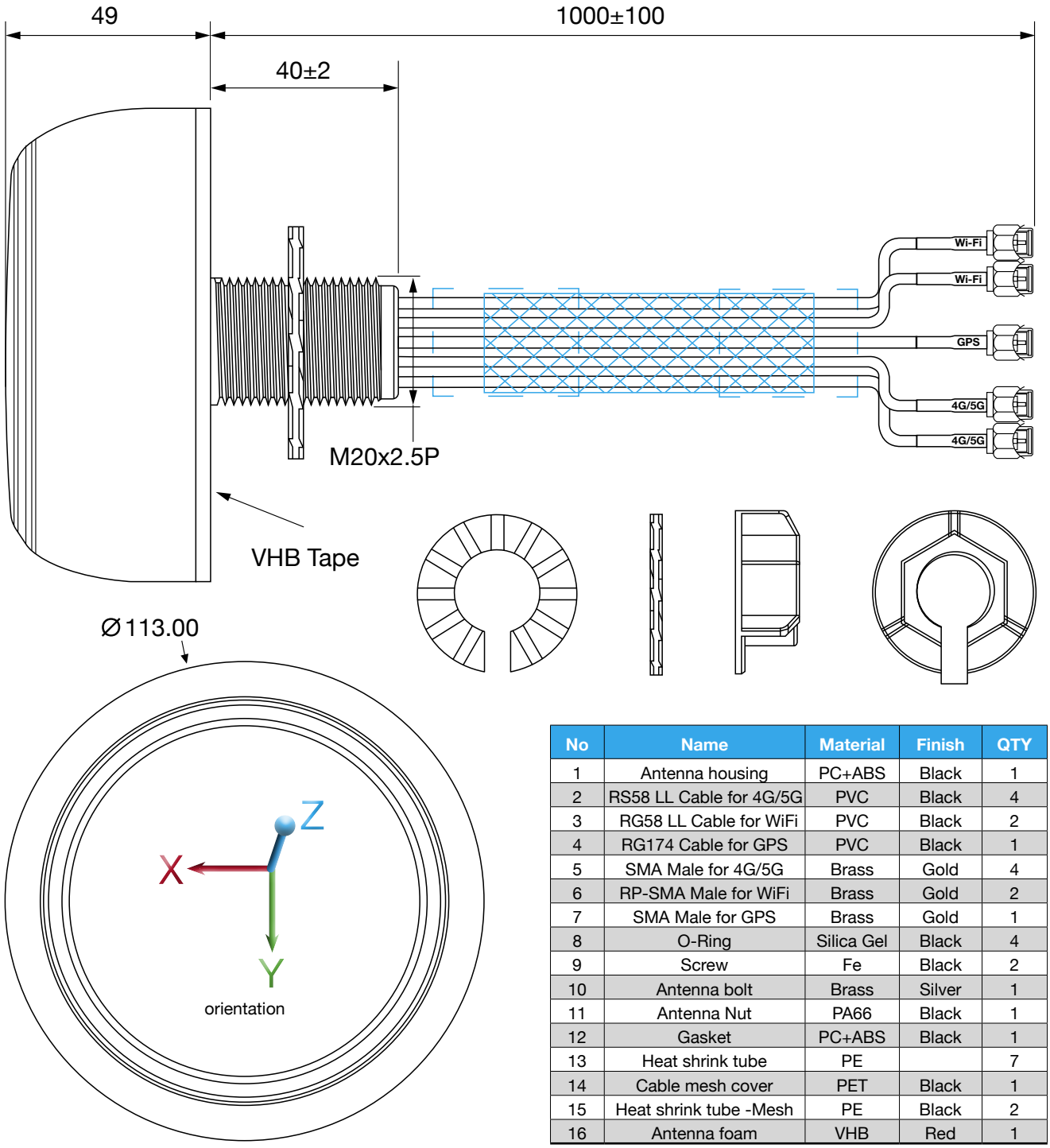
Dimensional Drawing



No	Name	Material	Finish	QTY
1	Antenna housing	PC+ABS	Black	1
2	RS58 LL Cable for 4G/5G	PVC	Black	4
3	RG58 LL Cable for WiFi	PVC	Black	2
4	RG174 Cable for GPS	PVC	Black	1
5	SMA Male for 4G/5G	Brass	Gold	4
6	RP-SMA Male for WiFi	Brass	Gold	2
7	SMA Male for GPS	Brass	Gold	1
8	O-Ring	Silica Gel	Black	4
9	Screw	Fe	Black	2
10	Antenna bolt	Brass	Silver	1
11	Antenna Nut	PA66	Black	1
12	Gasket	PC+ABS	Black	1
13	Heat shrink tube	PE		7
14	Cable mesh cover	PET	Black	1
15	Heat shrink tube -Mesh	PE	Black	2
16	Antenna foam	VHB	Red	1

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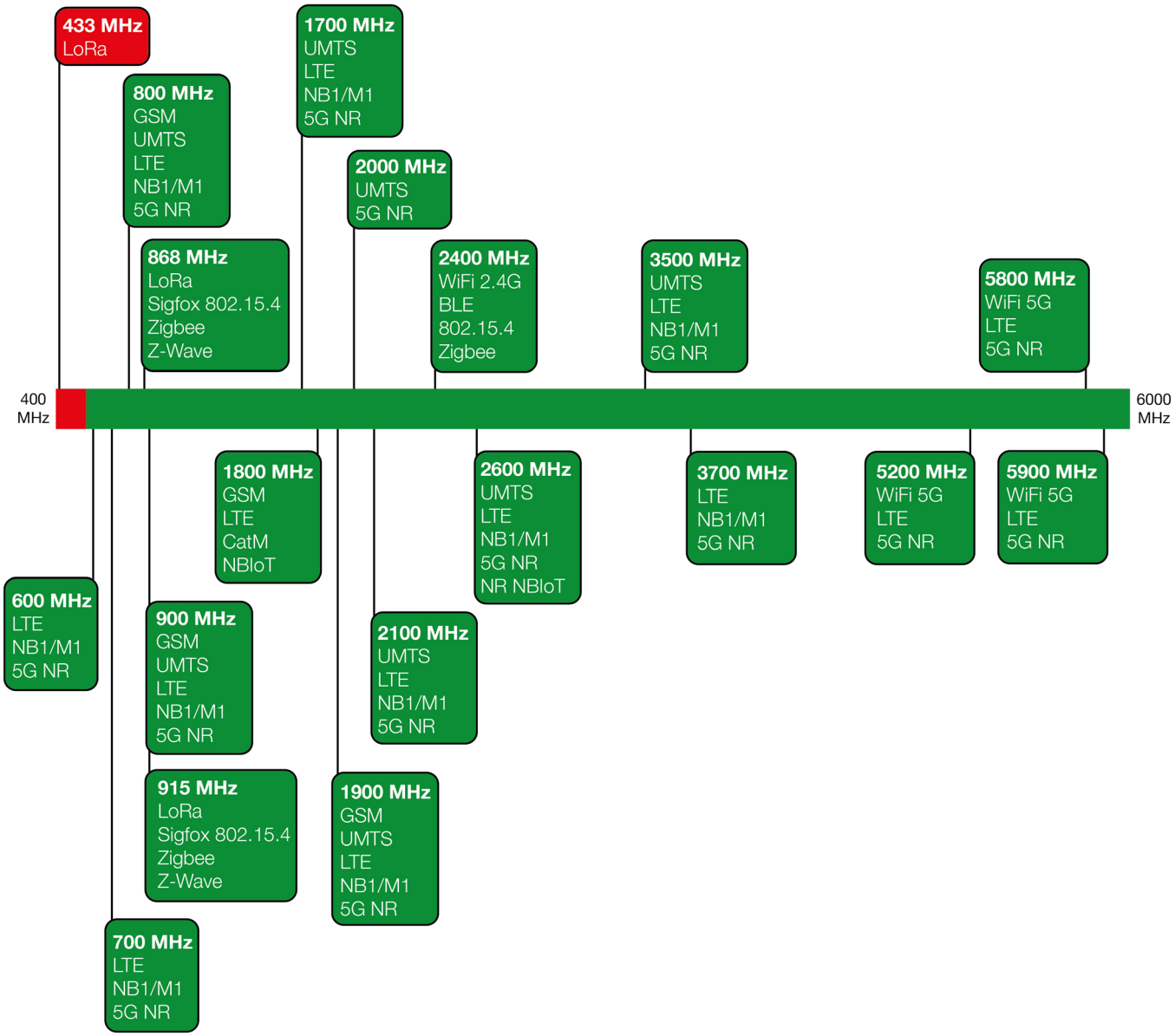
Spectrum Coverage [5G/4G Ports]



● Suitable band ● Adequate band in good signal conditions ● Likely to be unsuitable

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Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

Cellular Standards Band Support [5G/4G Ports]

GSM (2G) Band	UMTS (3G) Band	E-UTRA (4G) Band	Cat M E-UTRA Band	Cat NB E-UTRA Band	NR (5G) Band	Cat NB NR (5G) Band	NTN Band	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
	1	1	1	1	n1	n1		1920 - 1980 MHz	2110 - 2170 MHz	67.19	63.10	1.31	1.40	●
PCS-1900	2	2	2	2	n2	n2		1850 - 1910 MHz	1930 - 1990 MHz	70.61	68.68	1.33	1.31	●
DCS-1800	3	3	3	3	n3	n3		1710 - 1785 MHz	1805 - 1880 MHz	75.37	81.54	1.29	1.33	●
	4	4	4	4				1710 - 1755 MHz	2110 - 2155 MHz	71.44	63.41	1.29	1.40	●
GSM-850	5	5	5	5	n5	n5		824 - 849 MHz	869 - 894 MHz	50.71	55.75	2.25	2.31	●
	6							830 - 840 MHz	875 - 885 MHz	50.56	55.54	2.22	2.31	●
	7	7	7	7	n7	n7		2500 - 2570 MHz	2620 - 2690 MHz	75.57	72.04	1.51	1.38	●
E-GSM-900	8	8	8	8	n8	n8		880 - 915 MHz	925 - 960 MHz	57.22	55.06	2.31	2.39	●
	9	9						1749.9 - 1784.9 MHz	1844.9 - 1879.9 MHz	80.52	76.69	1.27	1.33	●
	10	10						1710 - 1770 MHz	2110 - 2170 MHz	73.34	63.10	1.29	1.40	●
	11	11	11	11				1427.9 - 1447.9 MHz	1475.9 - 1495.9 MHz	62.94	64.80	2.50	2.07	●
	12	12	12	12	n12	n12		699 - 716 MHz	729 - 746 MHz	69.01	72.75	1.67	1.92	●
	13	13	13	13	n13			777 - 787 MHz	746 - 756 MHz	58.03	71.31	2.10	1.99	●
	14	14	14	14	n14	n14		788 - 798 MHz	758 - 768 MHz	52.27	67.92	2.11	2.05	●
		17		17				704 - 716 MHz	734 - 746 MHz	69.36	72.94	1.63	1.92	●
		18	18	18	n18	n18		815 - 830 MHz	860 - 875 MHz	49.86	53.82	2.19	2.30	●
	19	19	19	19				830 - 845 MHz	875 - 890 MHz	50.73	55.89	2.24	2.31	●
	20	20	20	20	n20	n20		832 - 862 MHz	791 - 821 MHz	51.57	49.73	2.28	2.15	●
	21	21	21	21				1447.9 - 1462.9 MHz	1495.9 - 1510.9 MHz	63.44	65.57	2.07	2.04	●
	22	22						3410 - 3490 MHz	3510 - 3590 MHz	52.00	56.44	1.29	1.25	●
		24	24	24	n24	n24		1626.5 - 1660.5 MHz	1525 - 1559 MHz	74.53	67.08	1.38	1.82	●
	25	25	25	25	n25	n25		1850 - 1915 MHz	1930 - 1995 MHz	70.05	69.16	1.33	1.31	●
	26	26	26	26	n26	n26		814 - 849 MHz	859 - 894 MHz	50.41	55.06	2.25	2.31	●
		27	27					807 - 824 MHz	852 - 869 MHz	49.47	52.93	2.16	2.29	●
		28	28	28	n28	n28		703 - 748 MHz	758 - 803 MHz	71.23	58.86	1.93	2.11	●

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Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

Cellular Standards Band Support [5G/4G Ports]

GSM (2G) Band	UMTS (3G) Band	E-UTRA (4G) Band	Cat M E-UTRA Band	Cat NB E-UTRA Band	NR (5G) Band	Cat NB NR (5G) Band	NTN Band	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
		28A						703 - 733 MHz	758 - 788 MHz	70.45	62.72	1.78	2.10	●
		29			n29			N/A	717 - 728 MHz	N/A	71.06	N/A	1.71	●
		30			n30			2305 - 2315 MHz	2350 - 2360 MHz	57.28	65.94	1.36	1.27	●
		31	31	31				452.5 - 457.5 MHz	462.5 - 467.5 MHz	3.13	2.30	4.86	4.64	●
	32	32						N/A	1452 - 1496 MHz	N/A	64.22	N/A	2.07	●
		33						1900 - 1920 MHz	1900 - 1920 MHz	63.07	63.07	1.16	1.16	●
		34			n34			2010 - 2025 MHz	2010 - 2025 MHz	74.36	74.36	1.27	1.27	●
		35						1850 - 1910 MHz	1850 - 1910 MHz	70.61	70.61	1.33	1.33	●
		36						1930 - 1990 MHz	1930 - 1990 MHz	68.68	68.68	1.31	1.31	●
		37						1910 - 1930 MHz	1910 - 1930 MHz	63.91	63.91	1.23	1.23	●
		38			n38			2570 - 2620 MHz	2570 - 2620 MHz	64.90	64.90	1.70	1.70	●
		39	39		n39			1880 - 1920 MHz	1880 - 1920 MHz	64.86	64.86	1.16	1.16	●
		40	40		n40			2300 - 2400 MHz	2300 - 2400 MHz	61.34	61.34	1.38	1.38	●
		41	41	41	n41	n41		2496 - 2690 MHz	2496 - 2690 MHz	71.70	71.70	1.70	1.70	●
		42	42	42				3400 - 3600 MHz	3400 - 3600 MHz	54.23	54.23	1.29	1.29	●
		43	43	43				3600 - 3800 MHz	3600 - 3800 MHz	56.42	56.42	1.33	1.33	●
		44						703 - 803 MHz	703 - 803 MHz	65.63	65.63	2.11	2.11	●
		45						1447 - 1467 MHz	1447 - 1467 MHz	63.49	63.49	2.09	2.09	●
		46			n46			5150 - 5925 MHz	5150 - 5925 MHz	68.16	68.16	1.36	1.36	●
		47			n47			5855 - 5925 MHz	5855 - 5925 MHz	74.75	74.75	1.17	1.17	●
		48	48	48	n48			3550 - 3700 MHz	3550 - 3700 MHz	55.80	55.80	1.33	1.33	●
		49						3550 - 3700 MHz	3550 - 3700 MHz	55.80	55.80	1.33	1.33	●
		50			n50			1432 - 1517 MHz	1432 - 1517 MHz	64.32	64.32	2.40	2.40	●
		51			n51			1427 - 1432 MHz	1427 - 1432 MHz	62.42	62.42	2.52	2.52	●
		52						3300 - 3400 MHz	3300 - 3400 MHz	56.85	56.85	1.28	1.28	●

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Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

Cellular Standards Band Support [5G/4G Ports]

GSM (2G) Band	UMTS (3G) Band	E-UTRA (4G) Band	Cat M E-UTRA Band	Cat NB E-UTRA Band	NR (5G) Band	Cat NB NR (5G) Band	NTN Band	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
		53			n53			2483.5 - 2495 MHz	2483.5 - 2495 MHz	80.82	80.82	1.32	1.32	●
								1670 - 1675 MHz	1670 - 1675 MHz	71.54	71.54	1.10	1.10	●
		65		65	n65	n65		1920 - 2010 MHz	2110 - 2200 MHz	69.78	60.80	1.34	1.42	●
		66	66	66	n66	n66		1710 - 1780 MHz	2110 - 2200 MHz	74.68	60.80	1.29	1.42	●
		67			n67			N/A	738 - 758 MHz	N/A	71.85	N/A	2.00	●
		68						698 - 728 MHz	753 - 783 MHz	69.75	65.10	1.71	2.10	●
		69						N/A	2570 - 2620 MHz	N/A	64.90	N/A	1.70	●
		70		70	n70	n70		1695 - 1710 MHz	1995 - 2020 MHz	66.01	75.59	1.33	1.34	●
		71	71	71	n71	n71		663 - 698 MHz	617 - 652 MHz	59.26	46.03	2.38	2.97	●
		72	72	72				451 - 456 MHz	461 - 466 MHz	3.31	2.37	4.90	4.65	●
		73	73	73				450 - 455 MHz	460 - 465 MHz	3.43	2.42	4.93	4.66	●
		74	74	74	n74	n74		1427 - 1470 MHz	1475 - 1518 MHz	63.25	65.23	2.52	2.07	●
		75			n75			N/A	1432 - 1517 MHz	N/A	64.32	N/A	2.40	●
		76			n76			N/A	1427 - 1432 MHz	N/A	62.42	N/A	2.52	●
					n77			3300 - 4200 MHz	3300 - 4200 MHz	64.87	64.87	1.33	1.33	●
					n78			3300 - 3800 MHz	3300 - 3800 MHz	55.63	55.63	1.33	1.33	●
					n79			4400 - 5000 MHz	4400 - 5000 MHz	60.27	60.27	1.40	1.40	●
					n80			1710 - 1785 MHz	N/A	75.37	N/A	1.29	N/A	●
					n81			880 - 915 MHz	N/A	57.22	N/A	2.31	N/A	●
					n82			832 - 862 MHz	N/A	51.57	N/A	2.28	N/A	●
					n83			703 - 748 MHz	N/A	71.23	N/A	1.93	N/A	●
					n84			1920 - 1980 MHz	N/A	67.19	N/A	1.31	N/A	●
		85	85	85	n85			698 - 716 MHz	728 - 746 MHz	68.92	72.70	1.69	1.92	●
					n86			1710 - 1780 MHz	N/A	74.68	N/A	1.29	N/A	●
		87	87	87				410 - 415 MHz	420 - 425 MHz	1.57	1.92	5.04	5.10	●

● Suitable band ● Adequate band in good signal conditions ● Likely to be unsuitable

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Cellular Standards Band Support [5G/4G Ports]

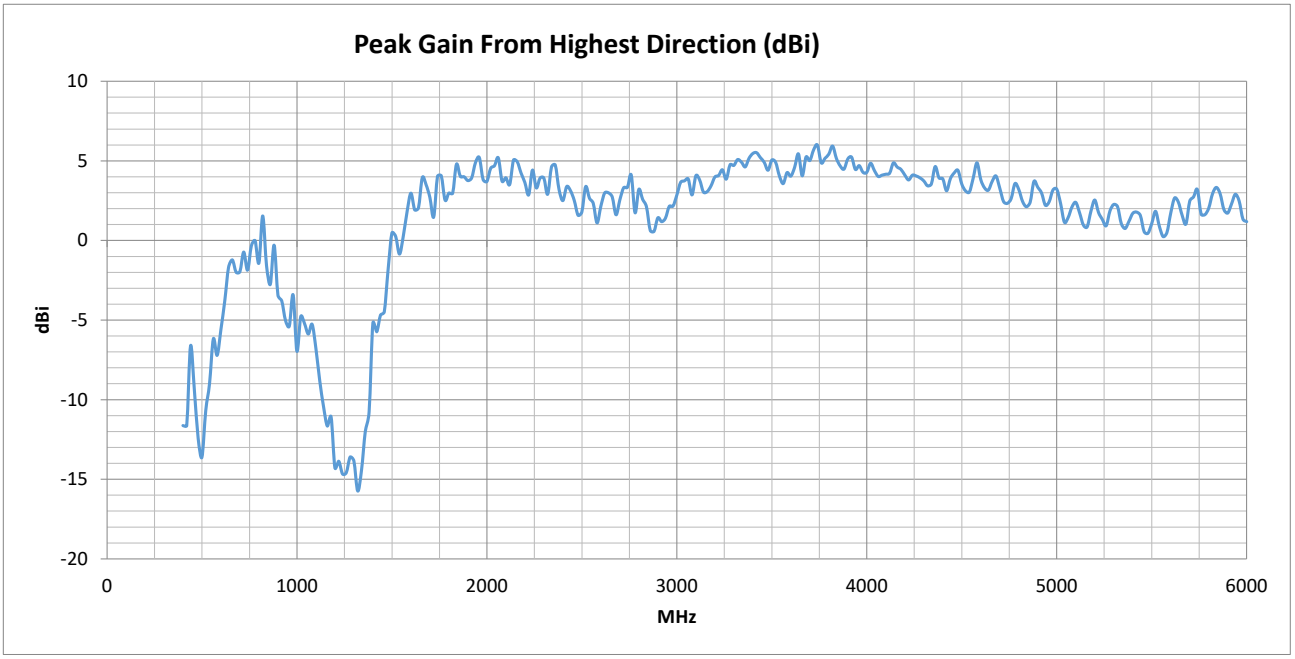
GSM (2G) Band	UMTS (3G) Band	E-UTRA (4G) Band	Cat M E-UTRA Band	Cat NB E-UTRA Band	NR (5G) Band	Cat NB NR (5G) Band	NTN Band	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
		88	88	88				412 - 417 MHz	422 - 427 MHz	1.55	2.27	5.05	5.11	🔴
					n89			824 - 849 MHz	N/A	50.71	N/A	2.25	N/A	🟢
					n90	n90		2496 - 2690 MHz	2496 - 2690 MHz	71.70	71.70	1.70	1.70	🟢
					n91			832 - 862 MHz	1427 - 1432 MHz	51.57	62.42	2.28	2.52	🟢
					n92			832 - 862 MHz	1432 - 1517 MHz	51.57	64.32	2.28	2.40	🟢
					n93			880 - 915 MHz	1427 - 1432 MHz	57.22	62.42	2.31	2.52	🟢
					n94			880 - 915 MHz	1432 - 1517 MHz	57.22	64.32	2.31	2.40	🟢
					n95			2010 - 2025 MHz	N/A	74.36	N/A	1.27	N/A	🟢
					n97			2300 - 2400 MHz	N/A	61.34	N/A	1.38	N/A	🟢
					n98			1880 - 1920 MHz	N/A	64.86	N/A	1.16	N/A	🟢
					n99			1626.5 - 1660.5 MHz	N/A	74.53	N/A	1.38	N/A	🟢
1900					n101			1900 - 1910 MHz	1900 - 1910 MHz	62.69	62.69	1.10	1.10	🟢
				103				787 - 788 MHz	757 - 758 MHz	55.15	70.05	2.10	2.00	🟢
								663 - 703 MHz	612 - 652 MHz	60.35	45.97	2.38	3.05	🟢
							n254	1610 - 1625.5 MHz	2483.5 - 2500 MHz	70.93	81.40	1.47	1.37	🟢
							n255	1626.5 - 1660.5 MHz	1525 - 1559 MHz	74.53	67.08	1.38	1.82	🟢
							n256	1980 - 2010 MHz	2170 - 2200 MHz	74.98	56.20	1.34	1.42	🟢

🟢 Suitable band 🟡 Adequate band in good signal conditions 🔴 Likely to be unsuitable

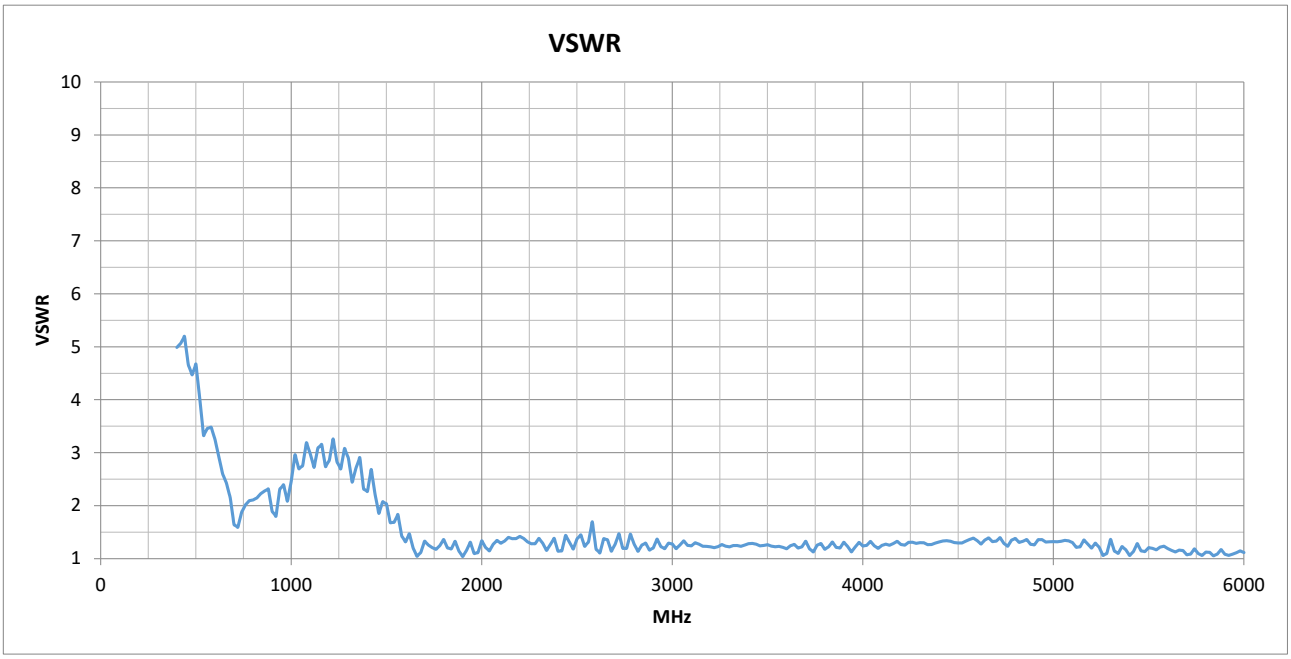
NOTE: For each frequency band, Siretta provides a traffic light indication to show the suitability of the antenna for use at that frequency band. Determination of exactly what makes an antenna good or bad at any frequency is subjective.

The view presented is that of Siretta's engineering team having taken into account the efficiency and VSWR measurements. The end user is advised to use their own criteria and/or testing to confirm suitability.

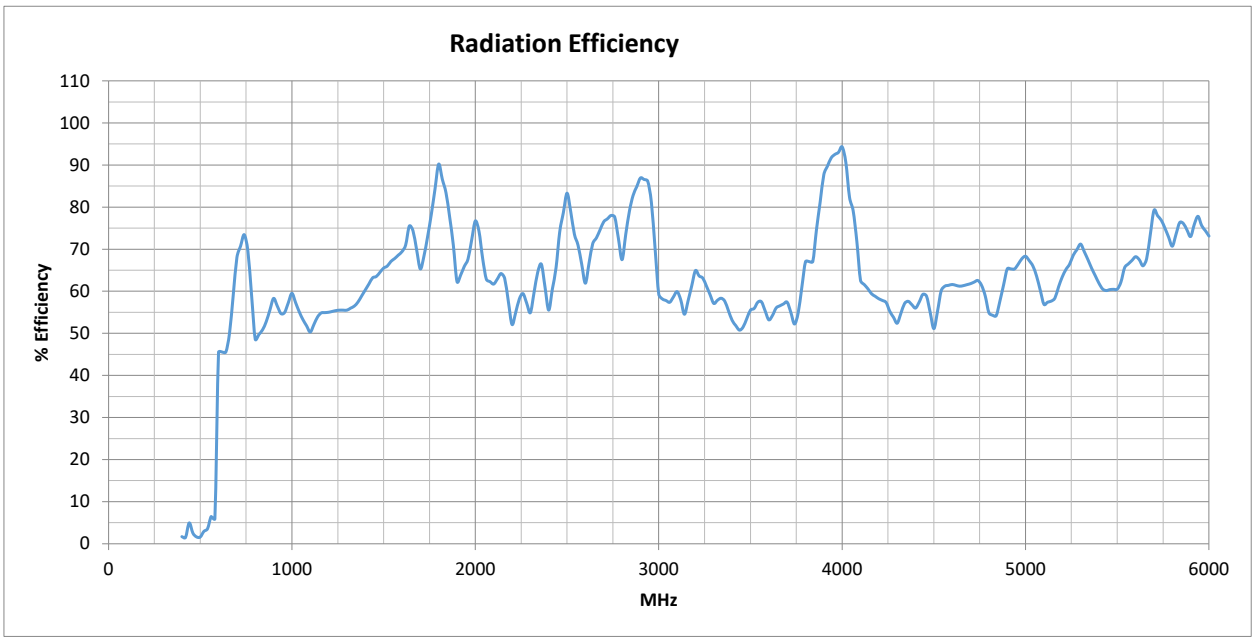
Peak Gain vs. Frequency [5G/4G Ports]



VSWR [5G/4G Ports]



Radiation Efficiency [5G/4G Ports]



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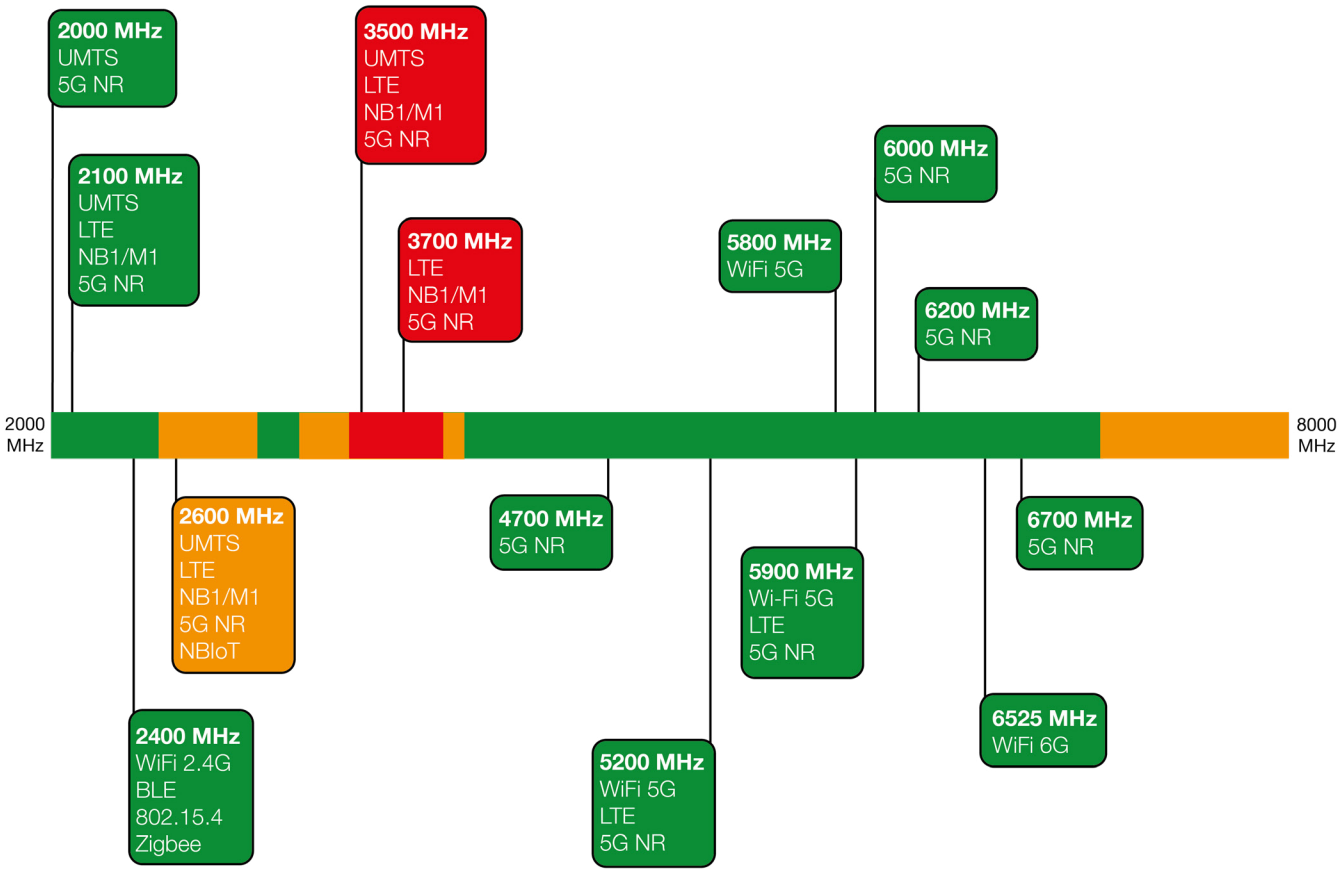
Spectrum Coverage [Wi-Fi Ports]



Suitable band Adequate band in good signal conditions Likely to be unsuitable

Tango 57

Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

Wi-Fi Standards Band Support [Wi-Fi Ports]

Application	Frequency Range	Efficiency (%)	Maximum VSWR	Peak Gain from highest direction (dBi)	Use Indicator
ISM 2.4 GHz	2400 - 2500 MHz	40.90	1.98	3.91	●
Wi-Fi 2.4G	2401 - 2483 MHz	42.38	1.87	3.88	●
Wi-Fi 2.4G (USA)	2401 - 2473 MHz	43.56	1.49	3.88	●
Wi-Fi 2.4G (Japan)	2401 - 2495 MHz	41.21	1.98	3.88	●
Wi-Fi 5G (all channels)	5150 - 5990 MHz	48.82	1.50	6.68	●
Wi-Fi 5G (Ch 32-48)	5150 - 5250 MHz	57.76	1.20	6.52	●
Wi-Fi 5G (Ch 32-64)	5150 - 5330 MHz	56.86	1.23	6.68	●
Wi-Fi 5G (Ch 32-161)	5150 - 5815 MHz	50.87	1.31	6.68	●
Wi-Fi 5G (Ch 32-173)	5150 - 5875 MHz	50.18	1.37	6.68	●
Wi-Fi 6E (Ch 1-93)	5925 - 6425 MHz	37.99	1.60	4.73	●
Wi-Fi 6E (all channels)	5925 - 7125 MHz	34.77	2.21	4.73	●

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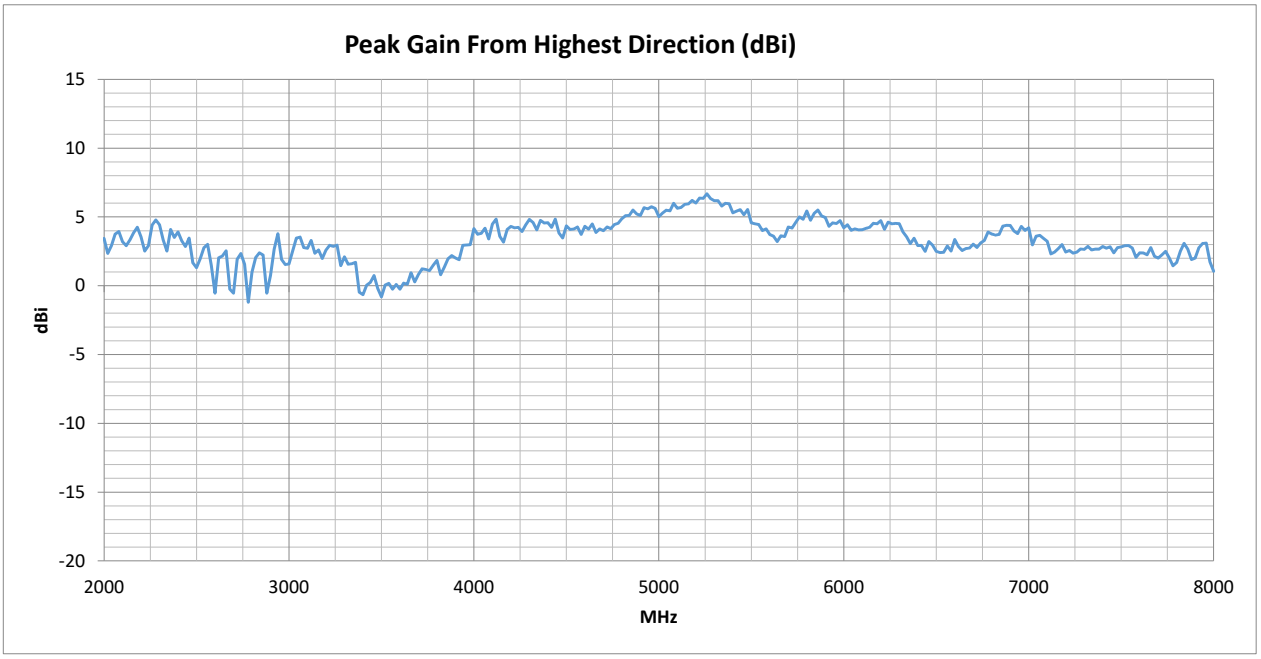
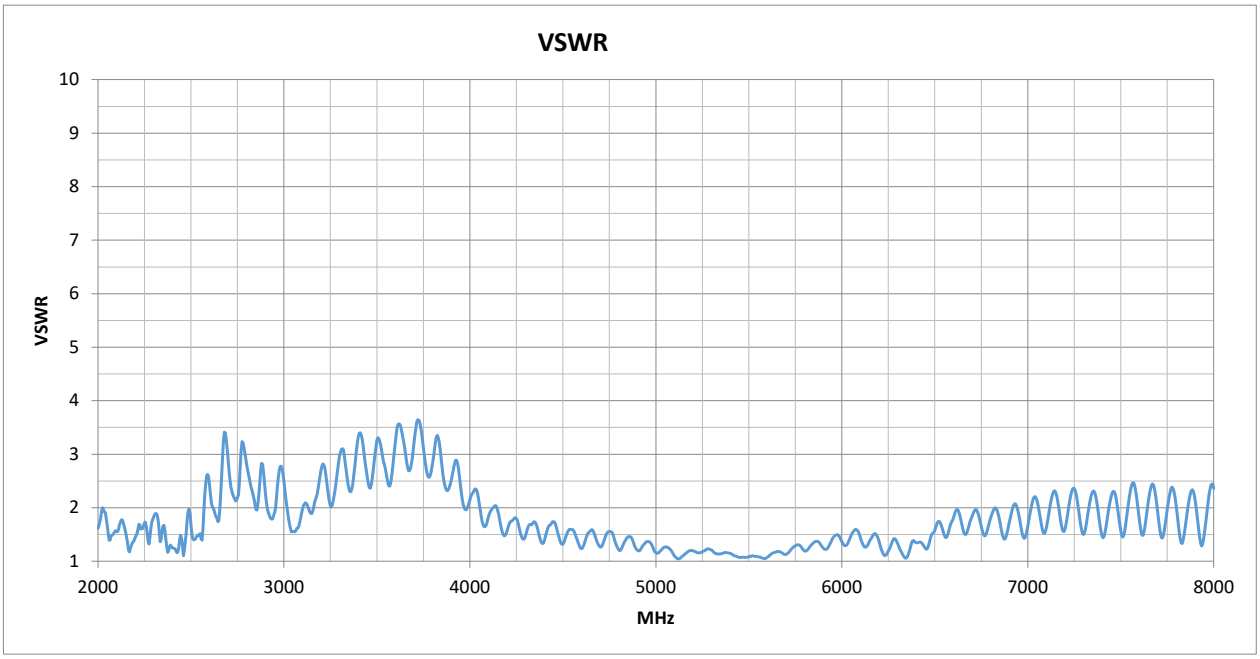
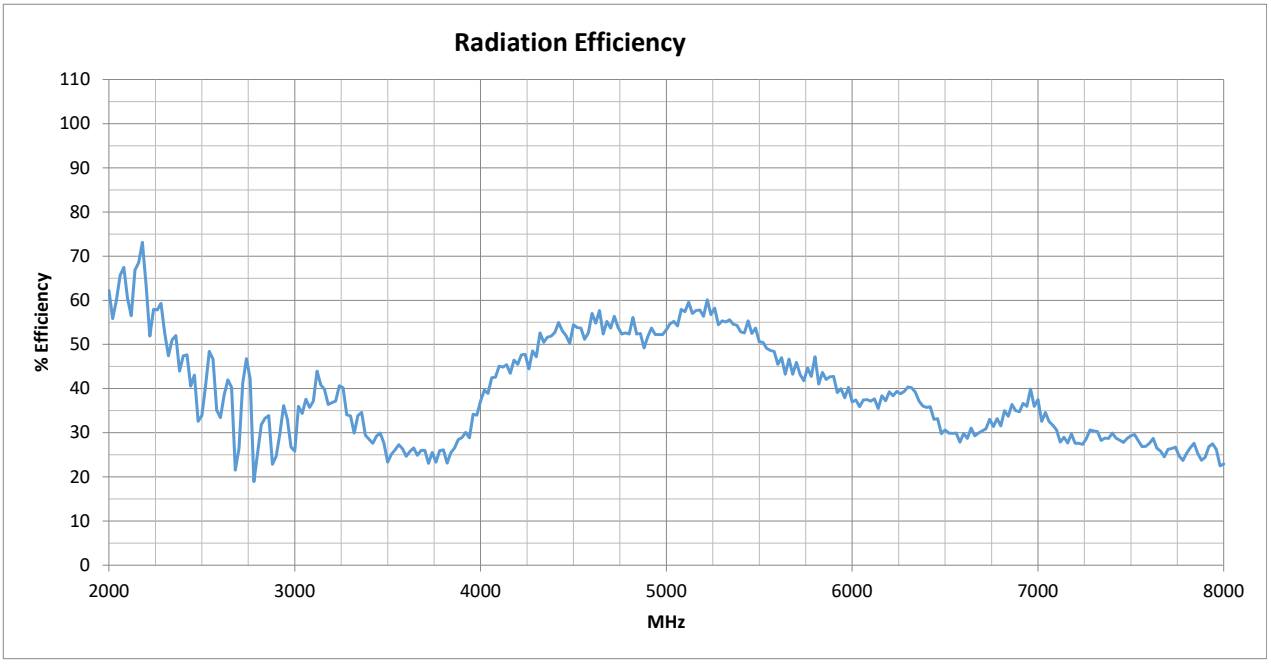
Peak Gain vs. Frequency [Wi-Fi Ports]



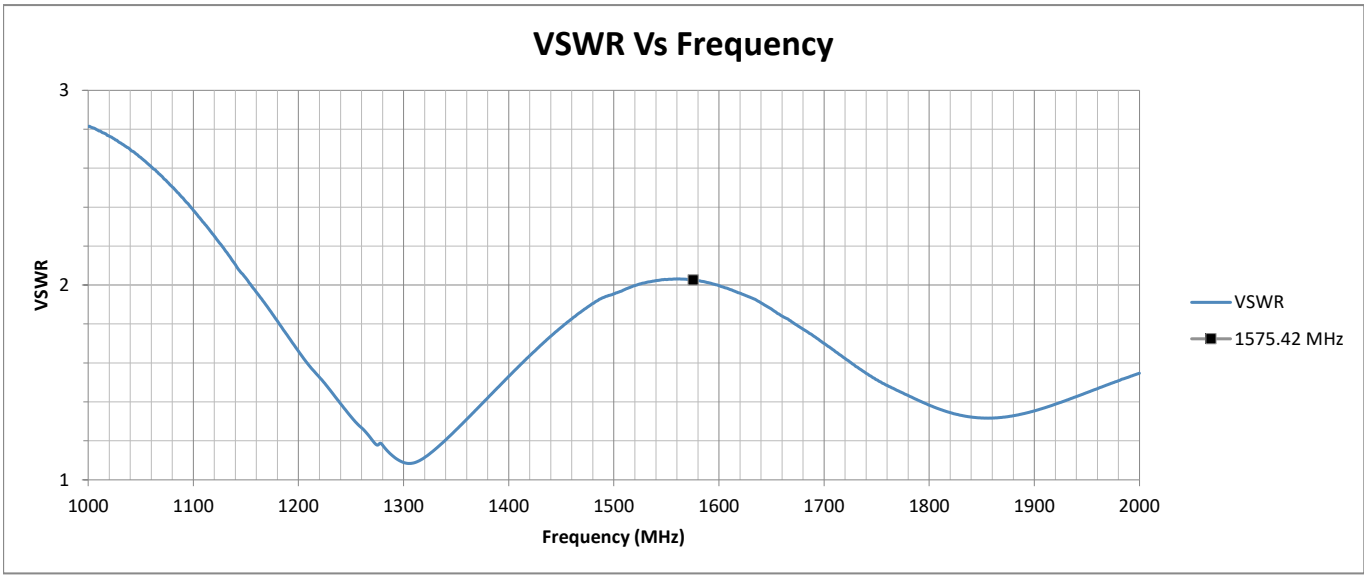
VSWR [Wi-Fi Ports]



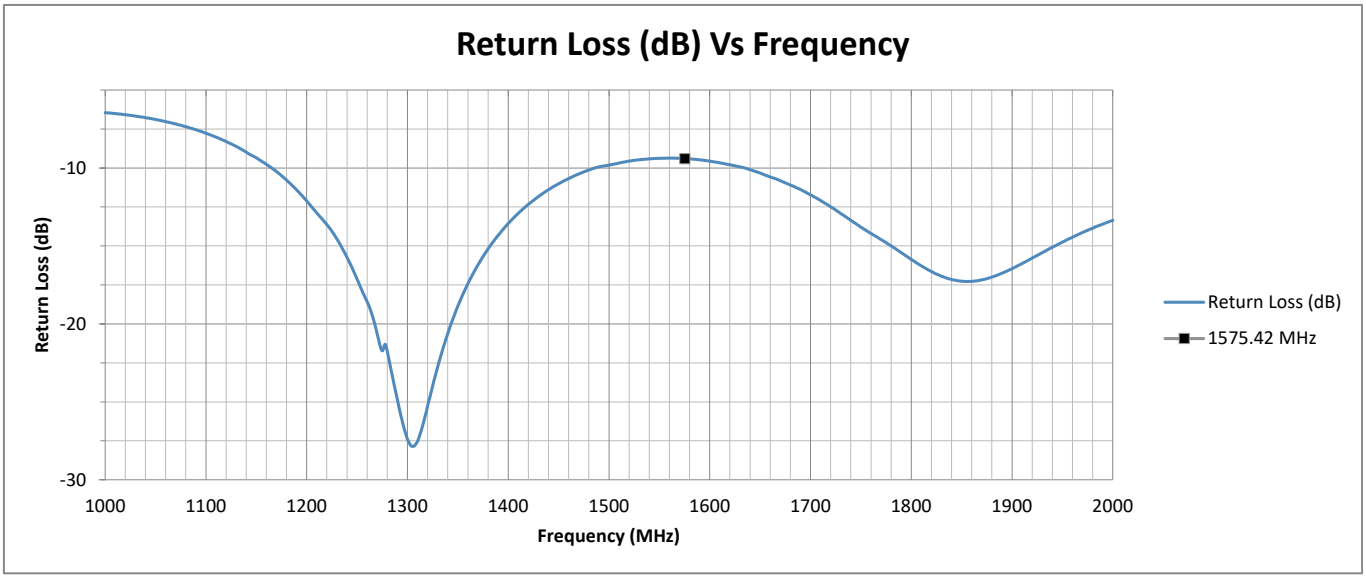
Radiation Efficiency [Wi-Fi Ports]



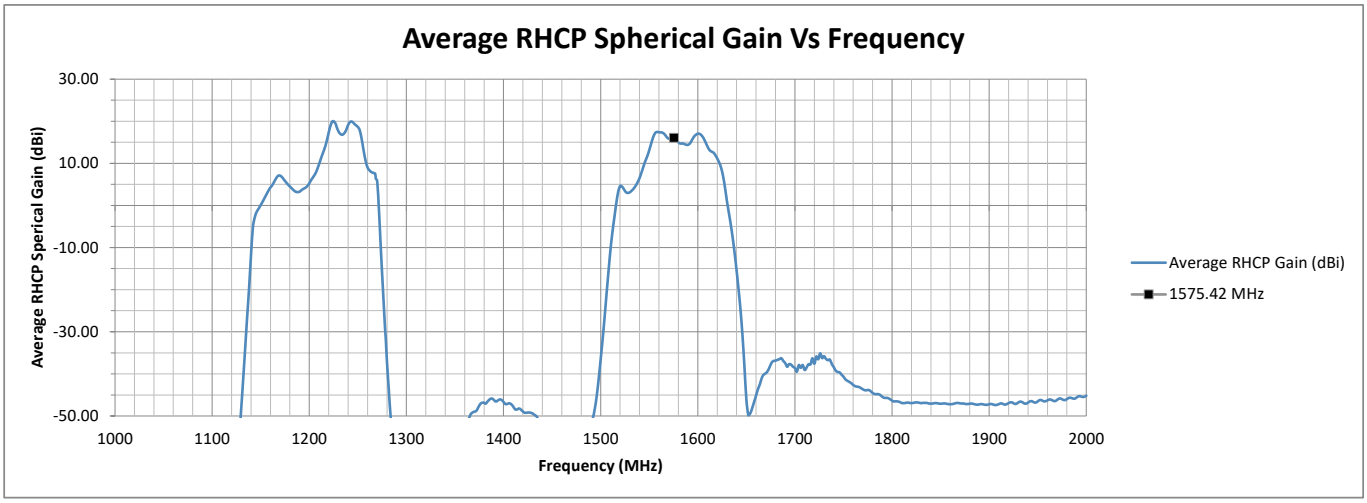
VSWR vs. Frequency [GPS Ports]



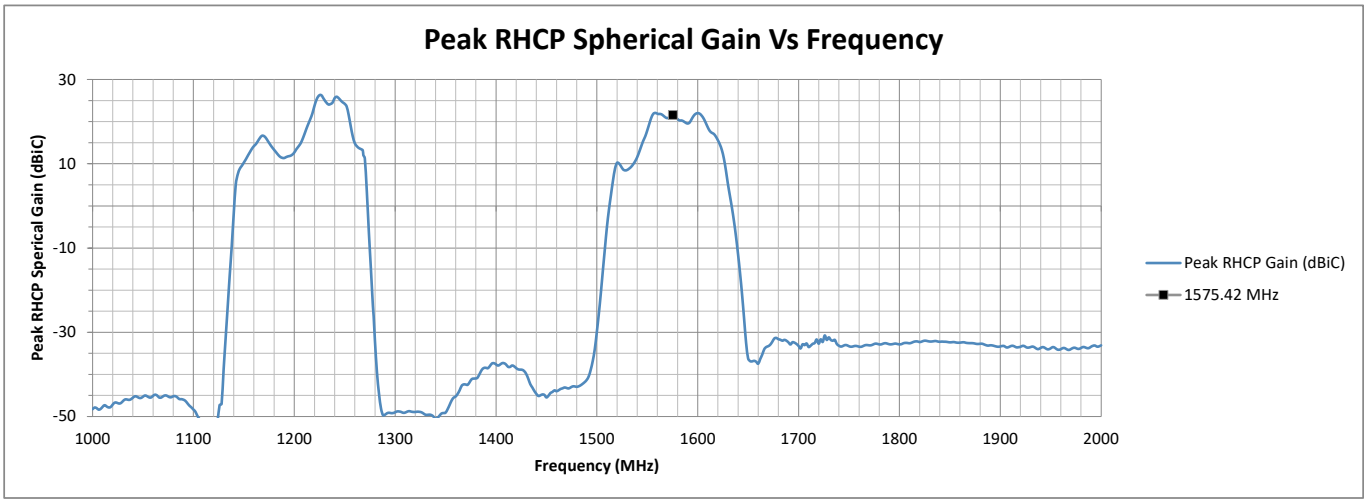
Return Loss vs. Frequency [GPS Ports]



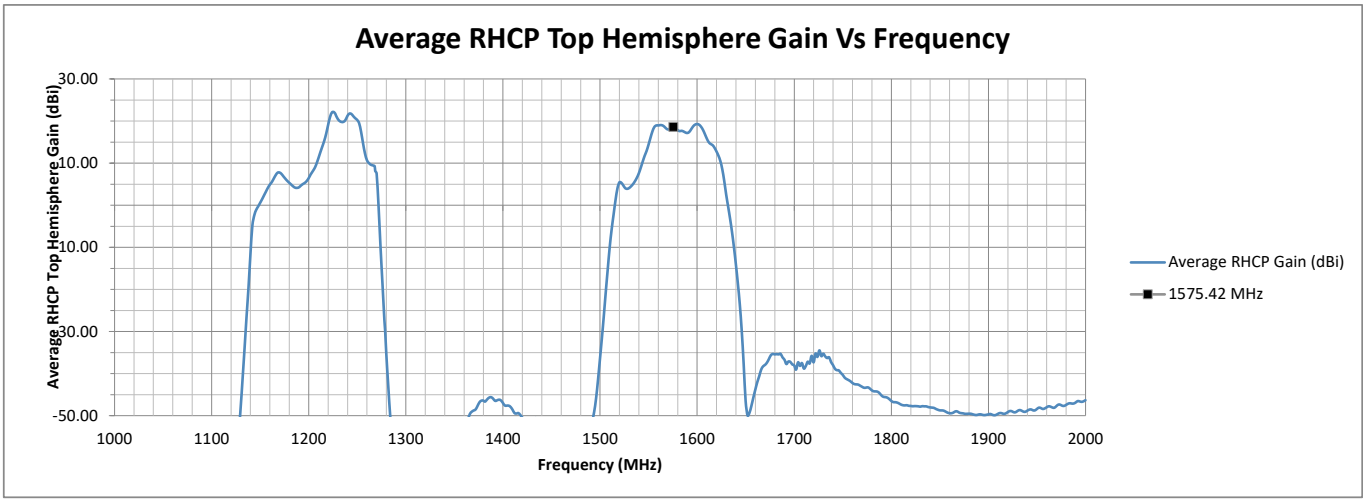
Spherical Gain vs. Frequency [GPS Ports]



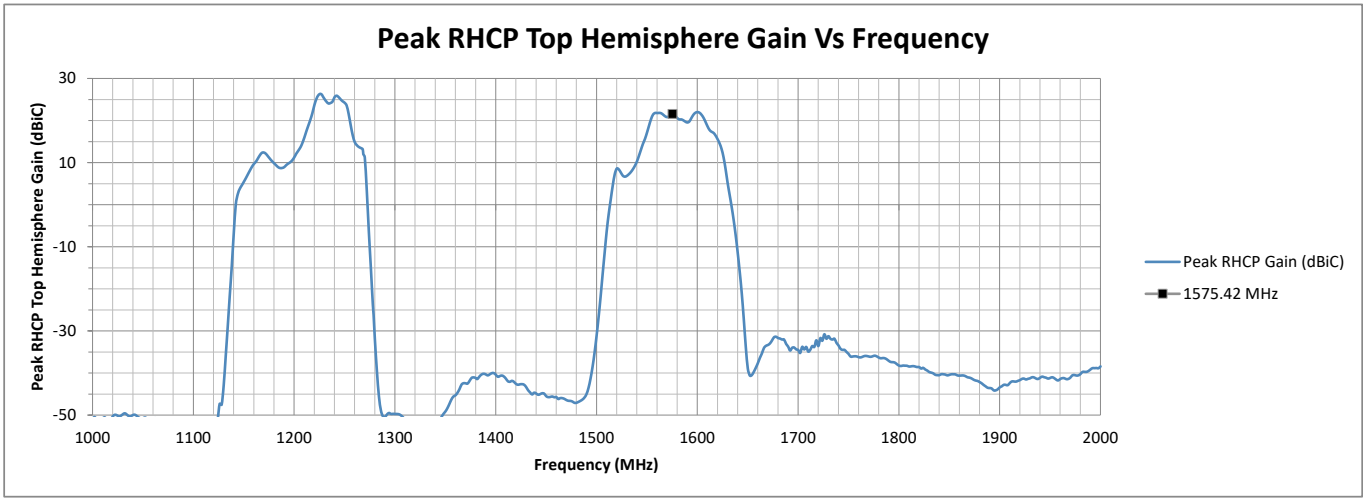
Peak Spherical Gain vs. Frequency [GPS Ports]



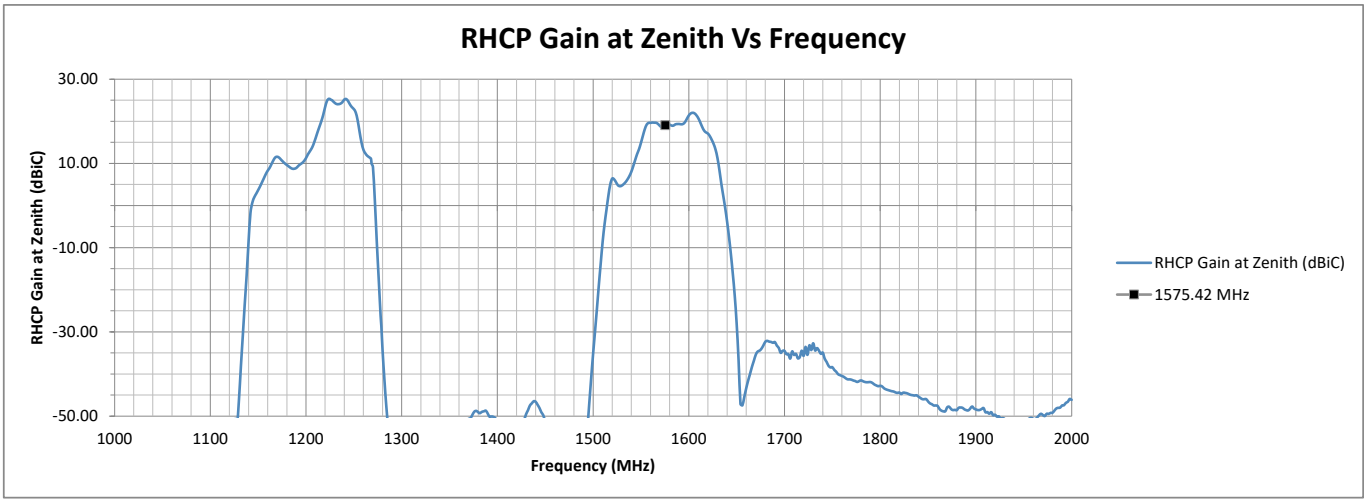
Hemisphere vs. Frequency [GPS Ports]



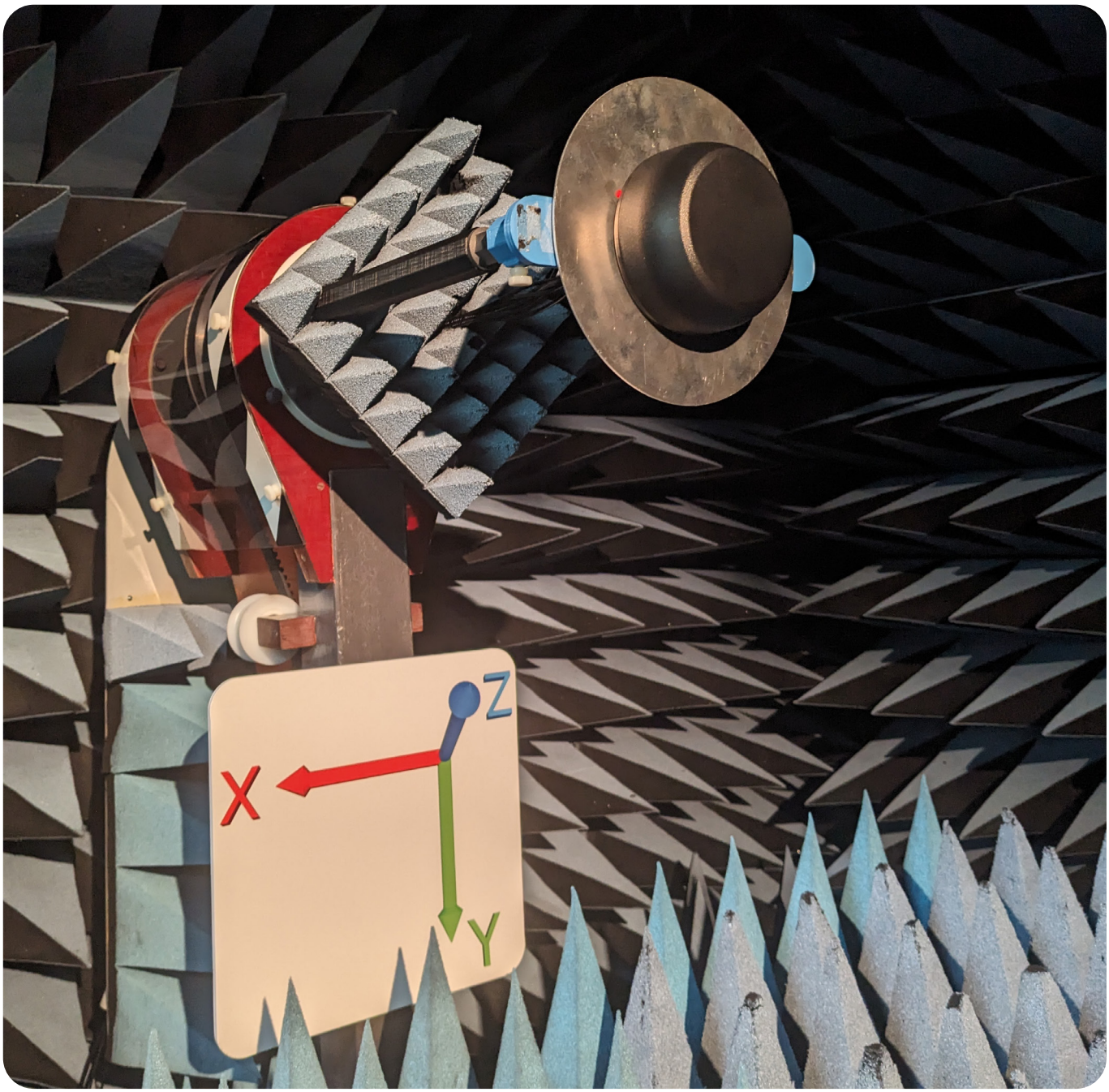
Peak Hemisphere vs. Frequency [GPS Ports]



Zenith vs. Frequency [GPS Ports]



Test Setup (on 200 mm Ø Groundplane)



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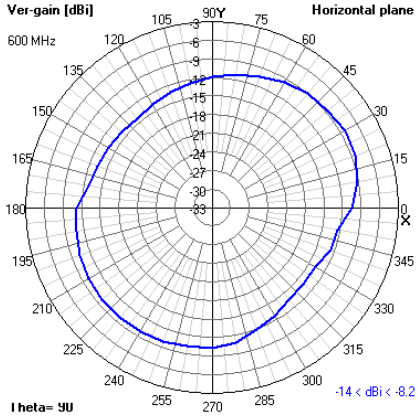
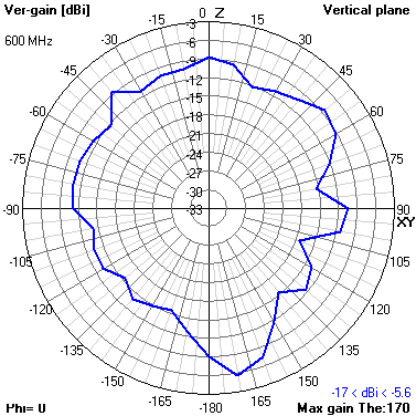
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

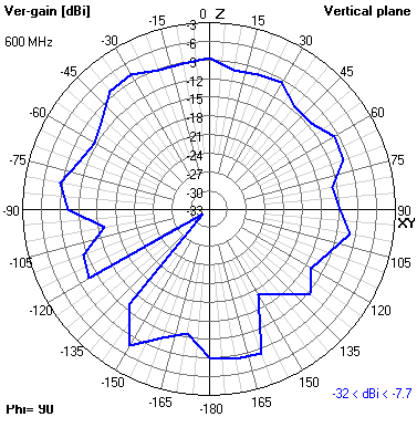
600 MHz XY



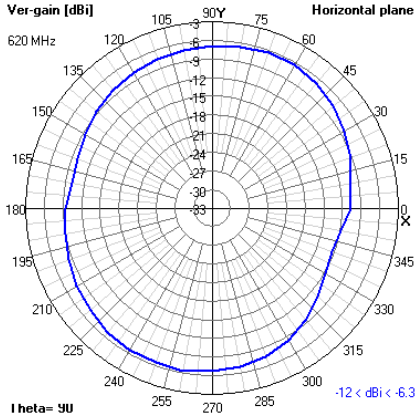
XZ



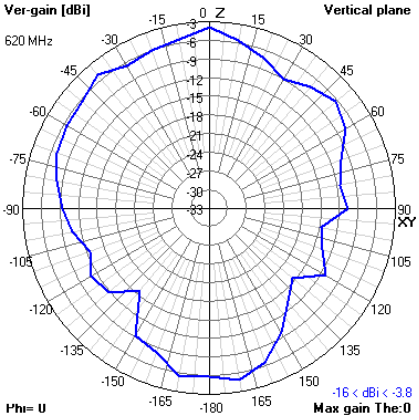
YZ



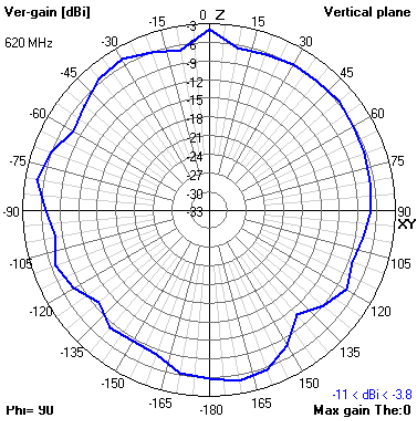
620 MHz XY



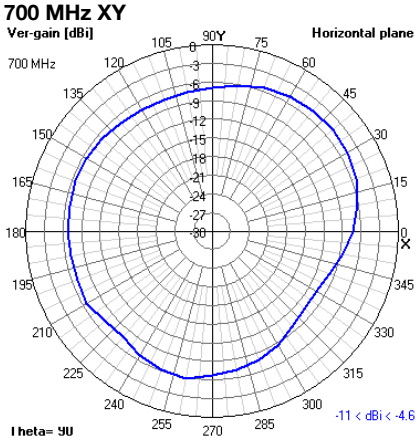
XZ



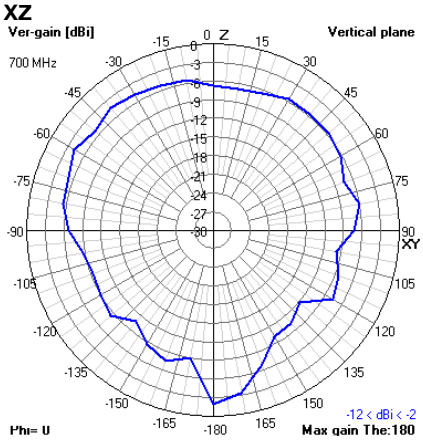
YZ



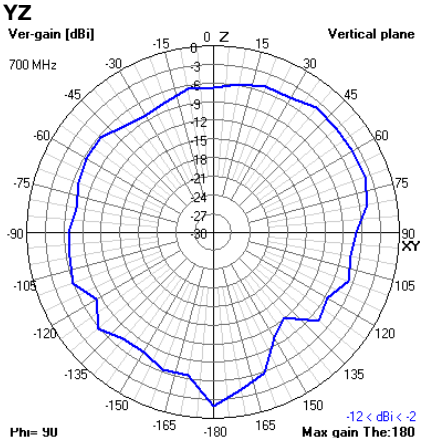
700 MHz XY



XZ



YZ



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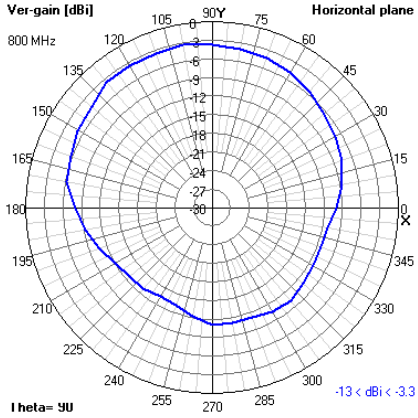
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

800 MHz XY



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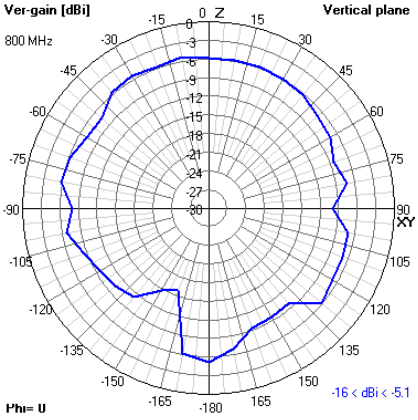
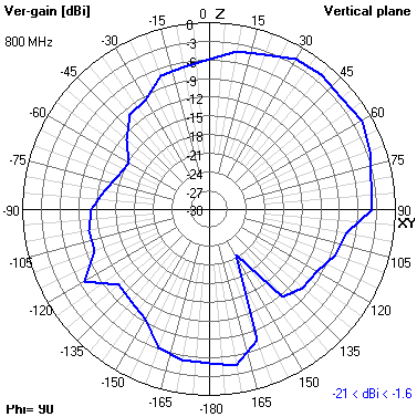
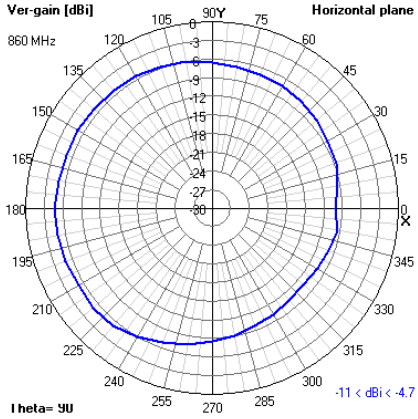


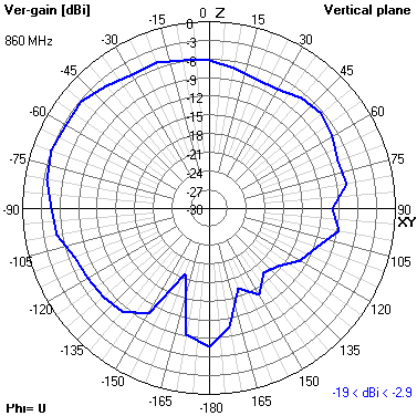
YZ



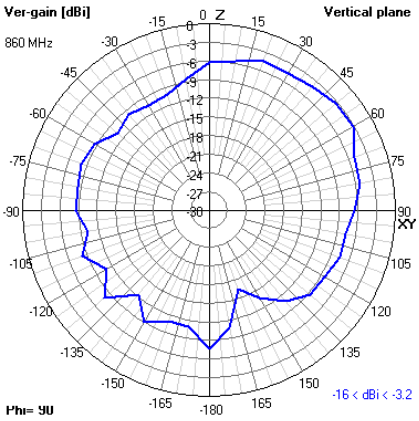
860 MHz XY



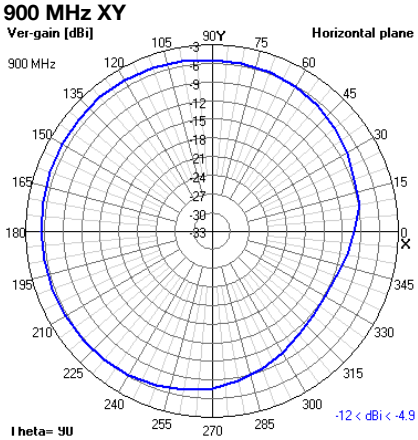
XZ



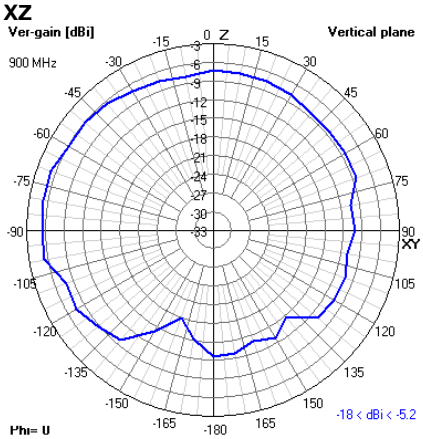
YZ



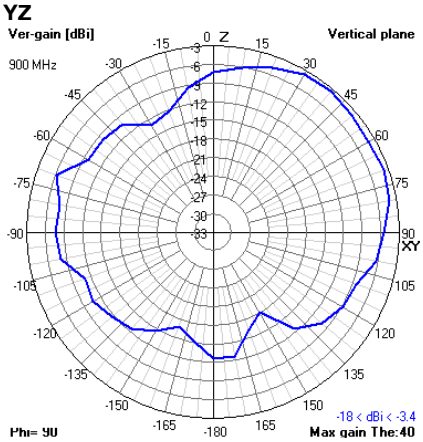
900 MHz XY



XZ



YZ



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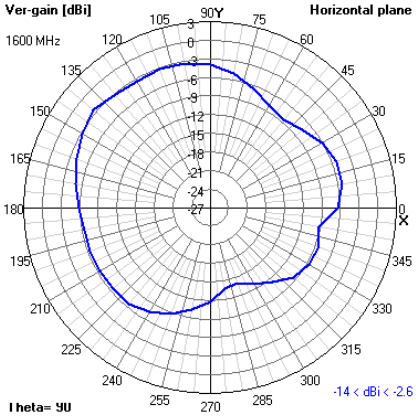
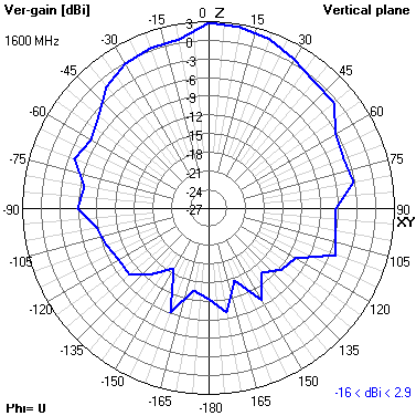
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

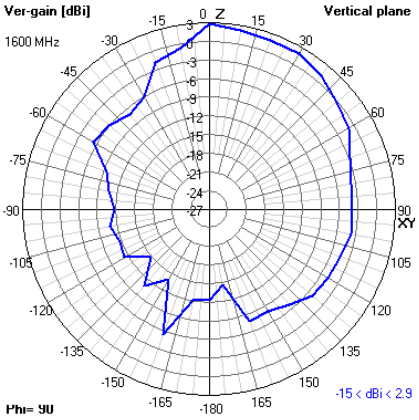
1600 MHz XY



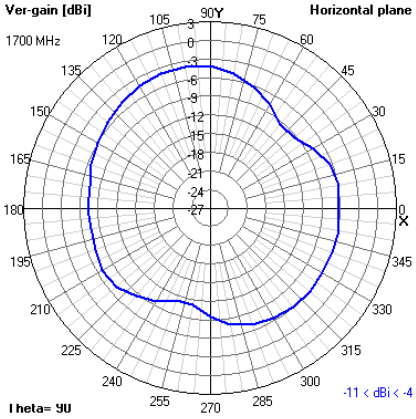
XZ



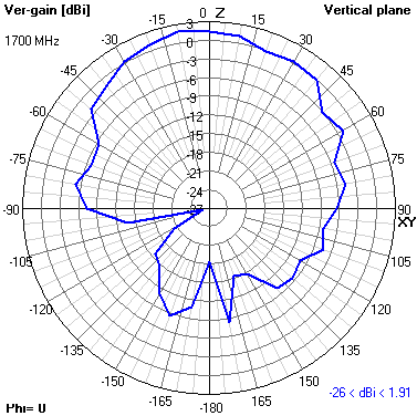
YZ



1700 MHz XY



XZ



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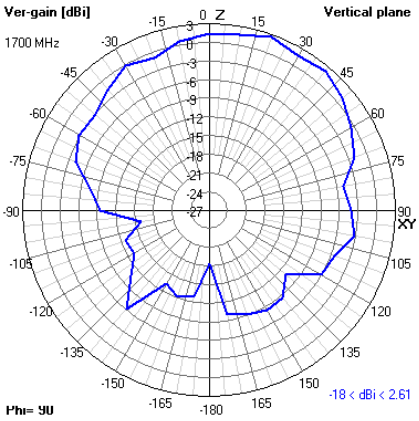
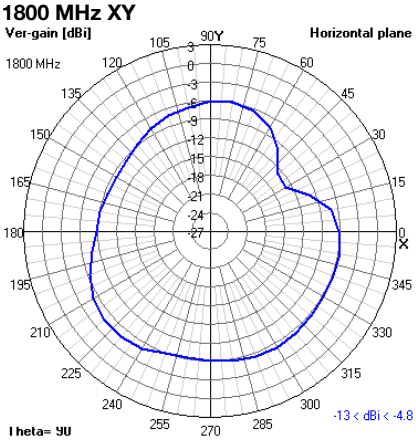
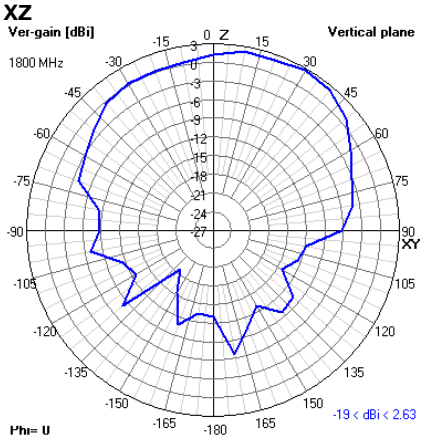


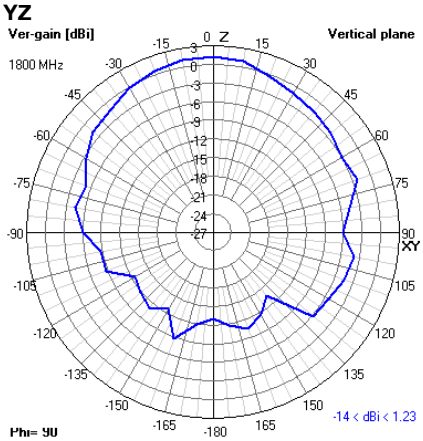
1800 MHz XY



XZ



YZ



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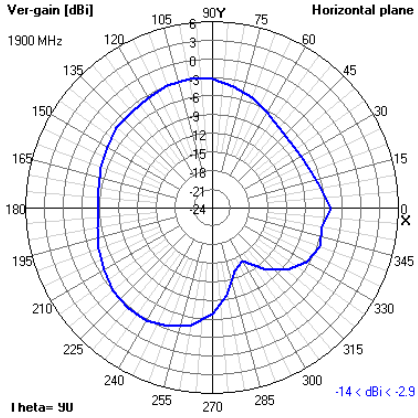
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

1900 MHz XY



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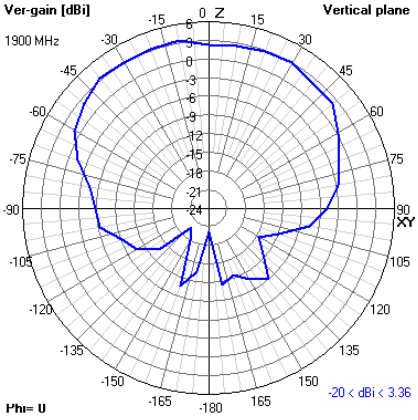

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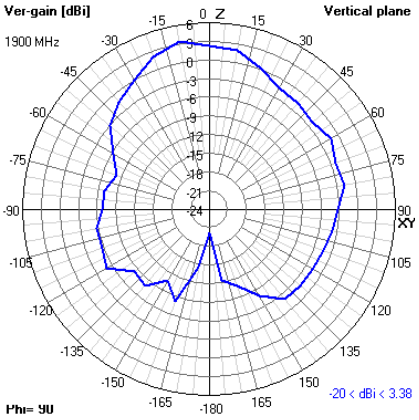
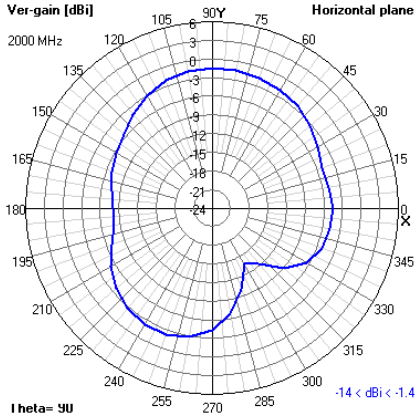
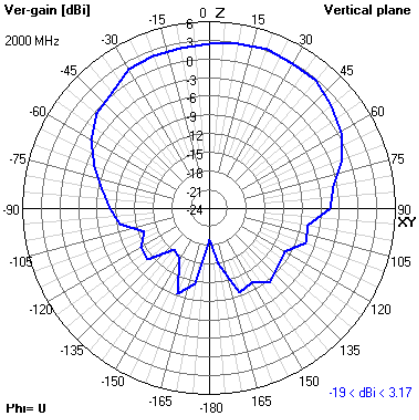


2000 MHz XY



XZ



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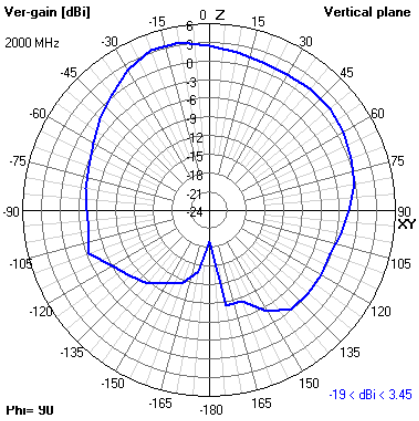
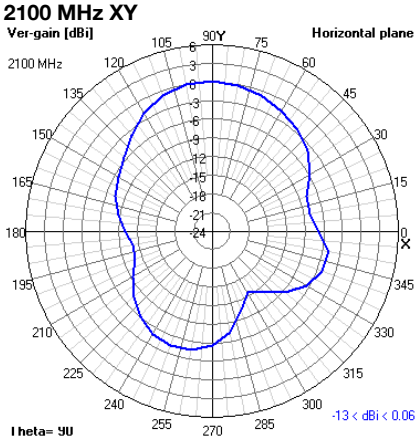
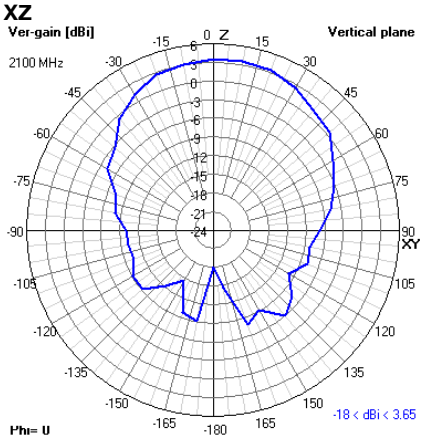


2100 MHz XY



XZ



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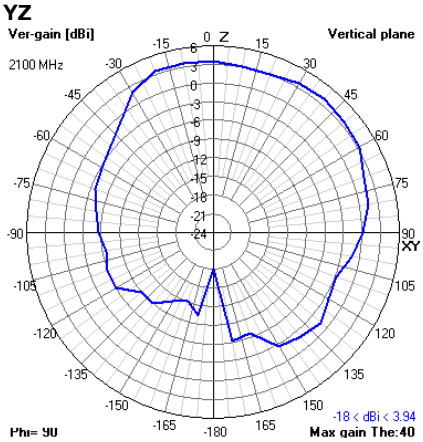

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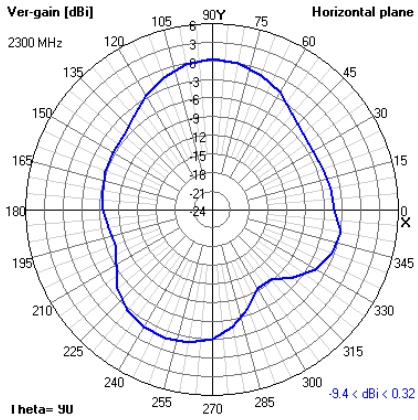
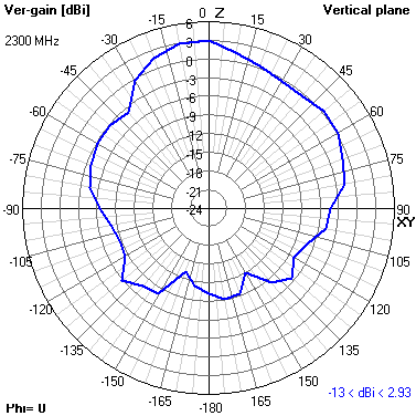
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

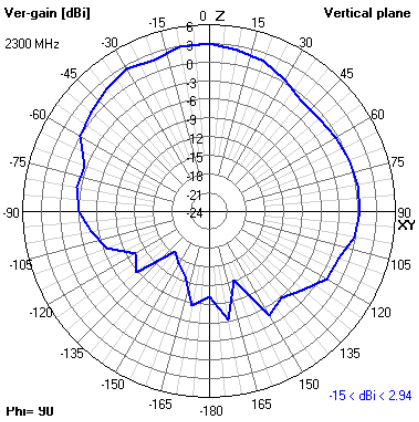
2300 MHz XY



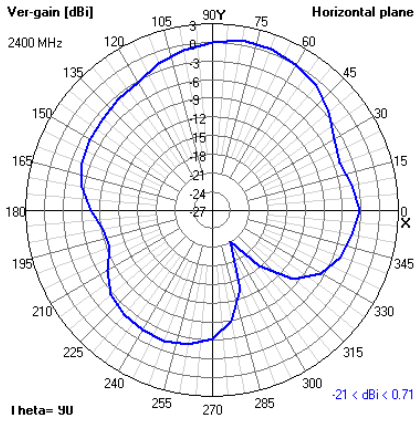
XZ



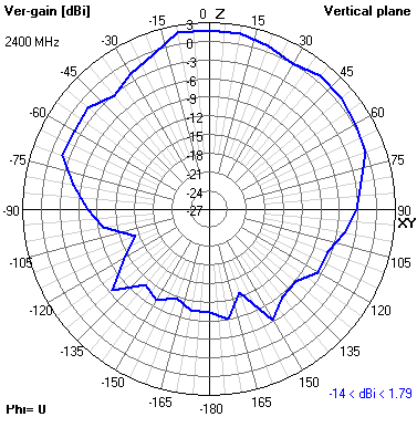
YZ



2400 MHz XY



XZ



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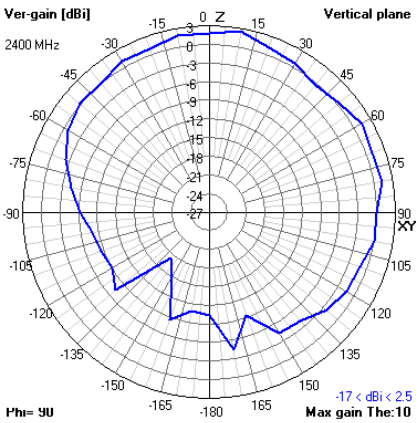
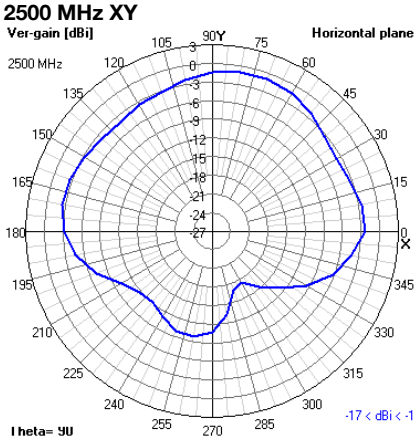
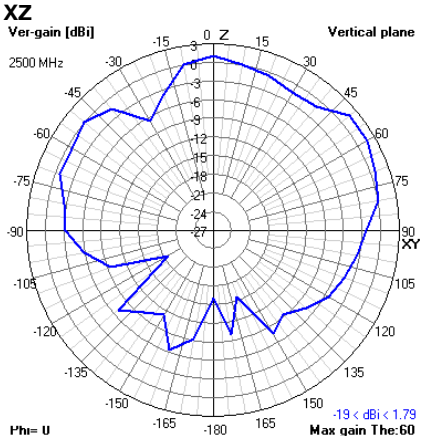


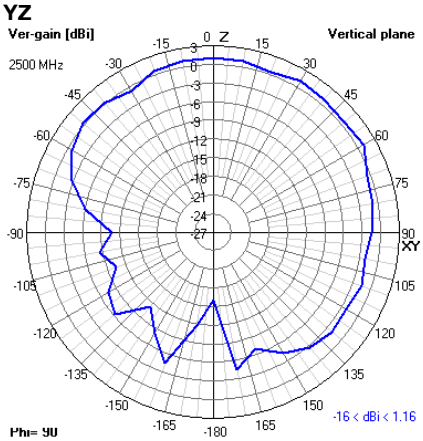
2500 MHz XY



XZ



YZ



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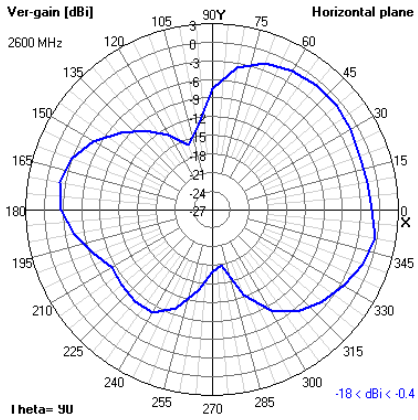
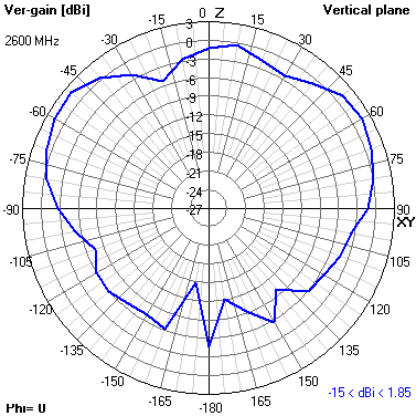
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

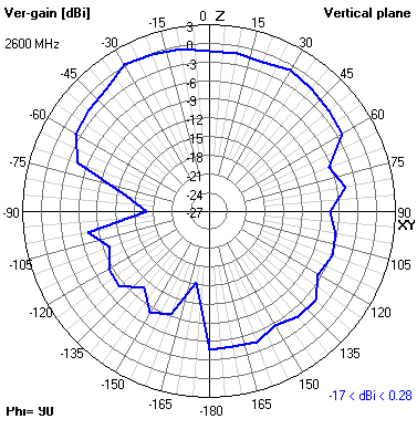
2600 MHz XY



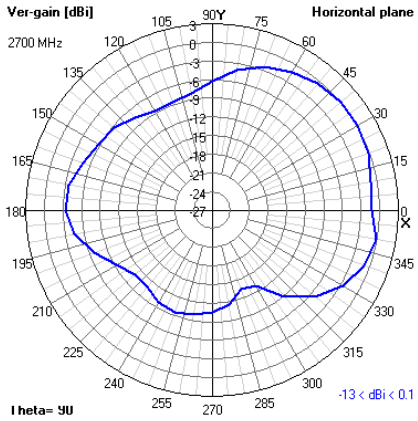
XZ



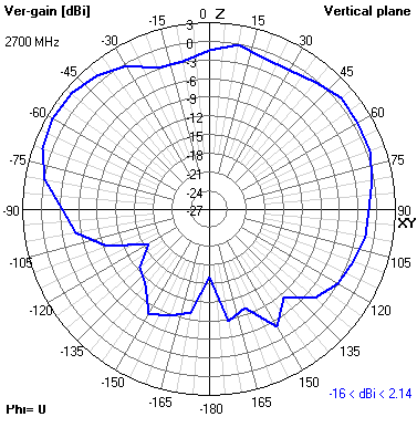
YZ



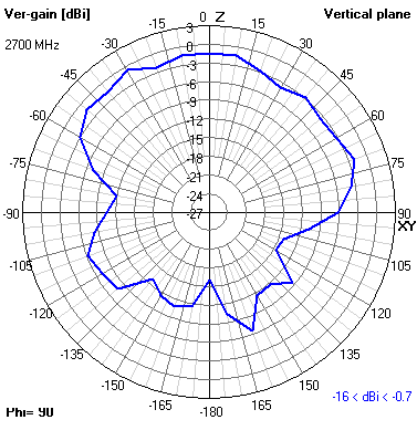
2700 MHz XY



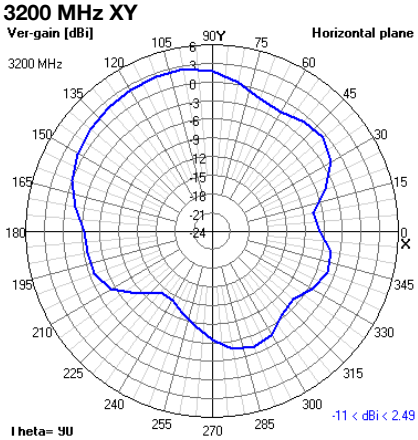
XZ



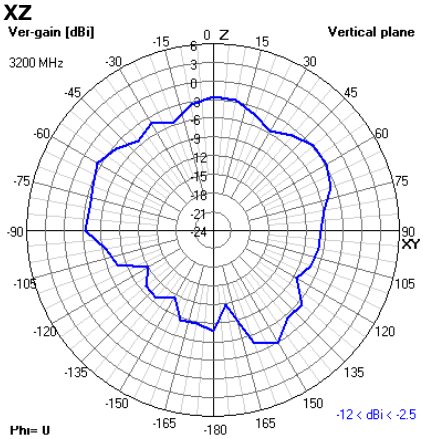
YZ



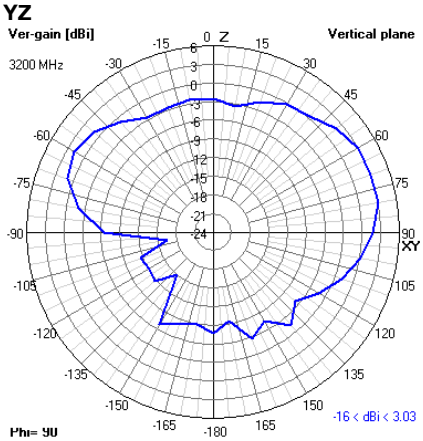
3200 MHz XY



XZ



YZ



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Enabling Industrial IoT

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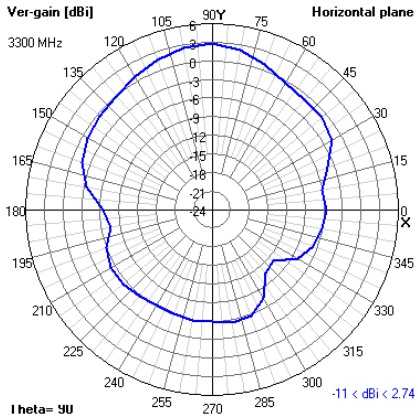
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

3300 MHz XY



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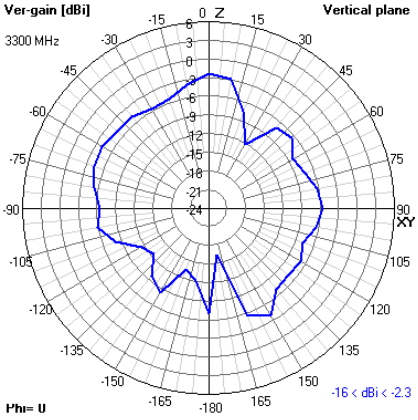
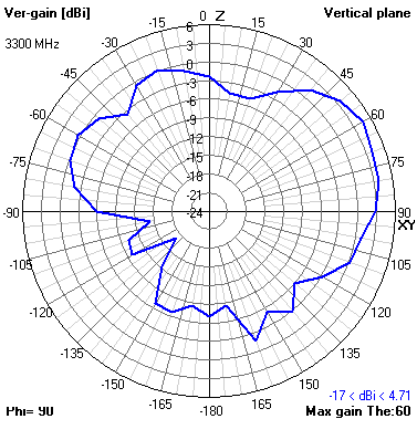
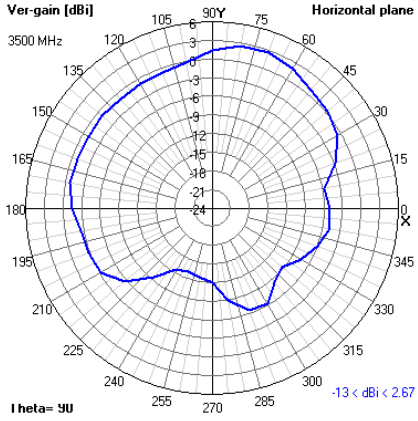


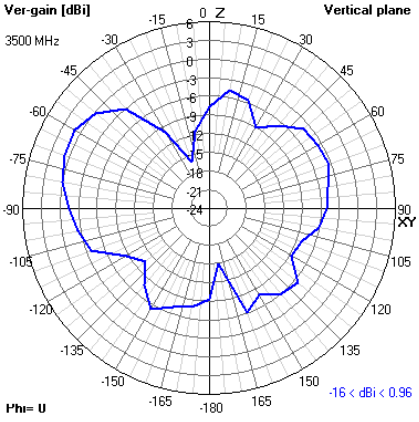
YZ



3500 MHz XY



XZ



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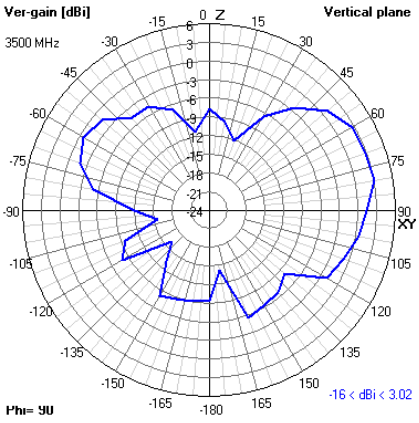
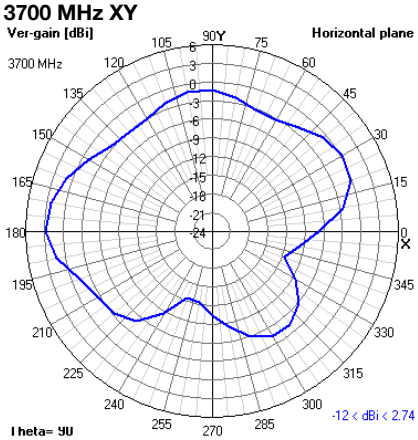
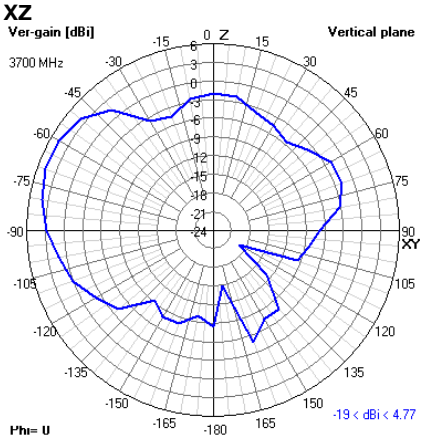


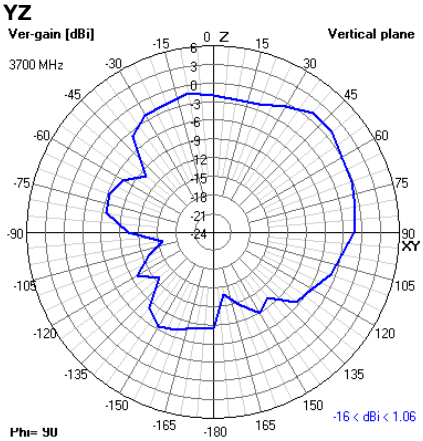
3700 MHz XY



XZ



YZ



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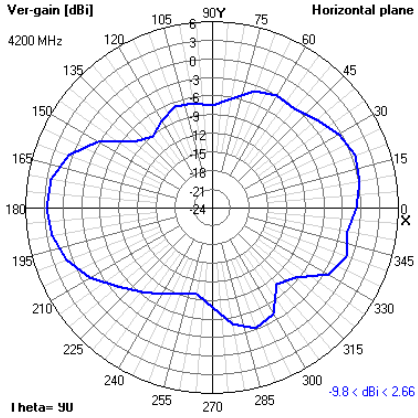
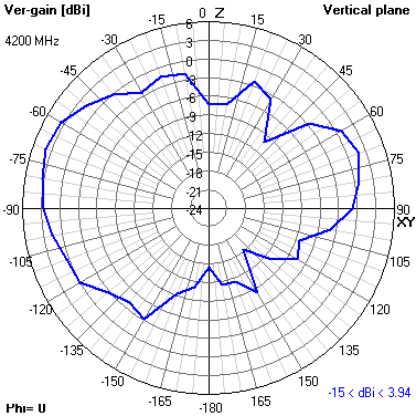
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

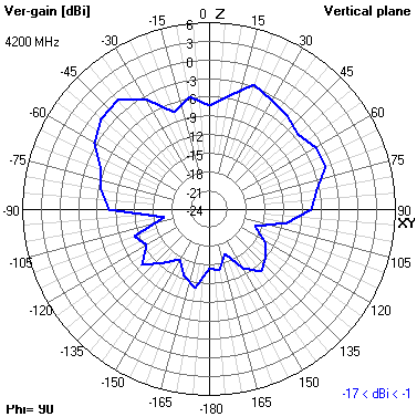
4200 MHz XY



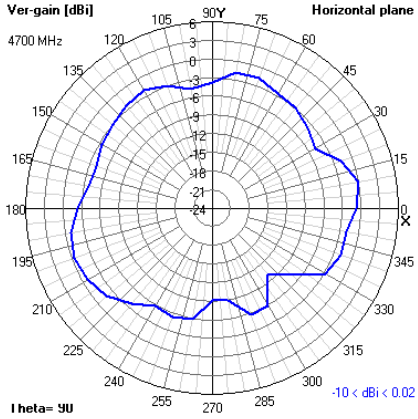
XZ



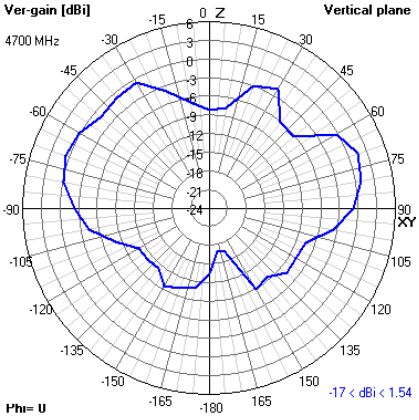
YZ



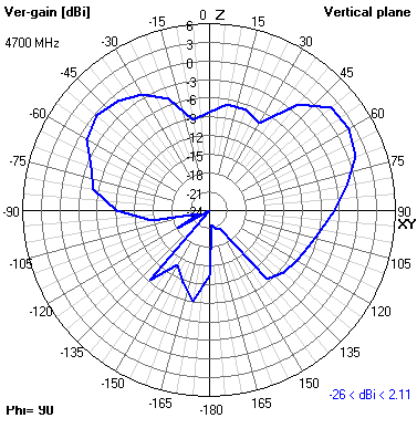
4700 MHz XY



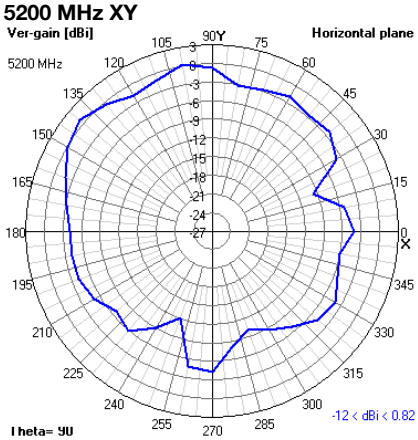
XZ



YZ



5200 MHz XY



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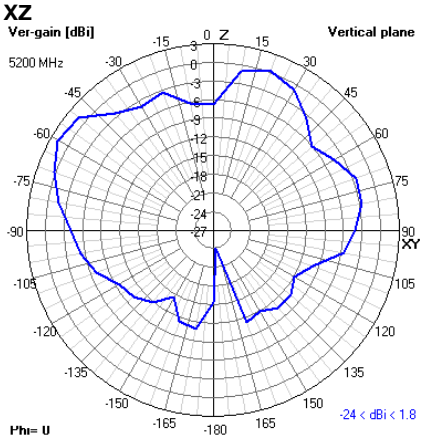

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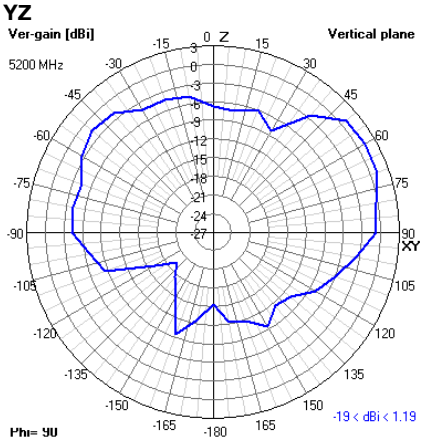

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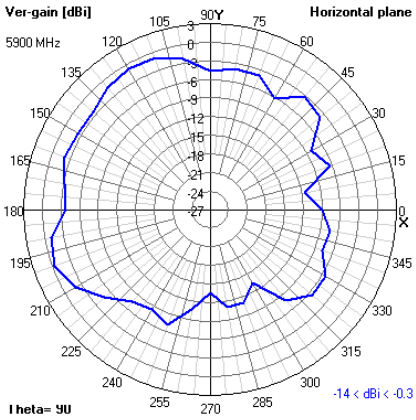
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [5G/4G Ports]

5900 MHz XY



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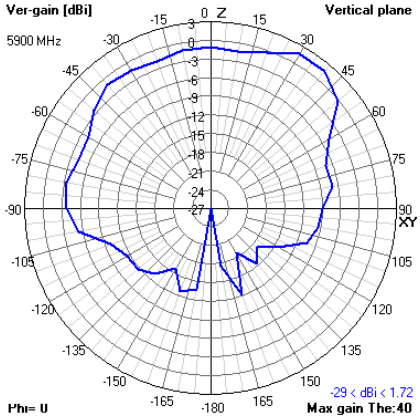
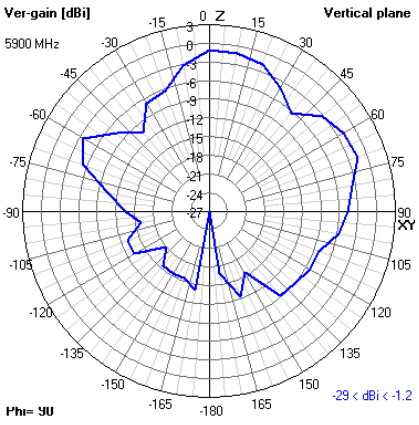


YZ



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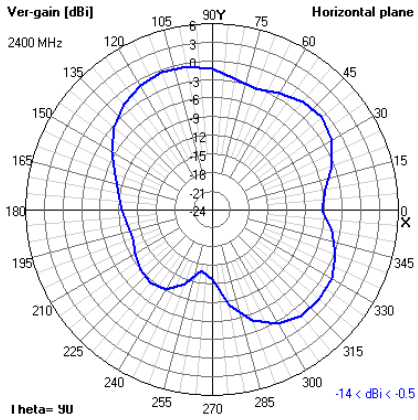
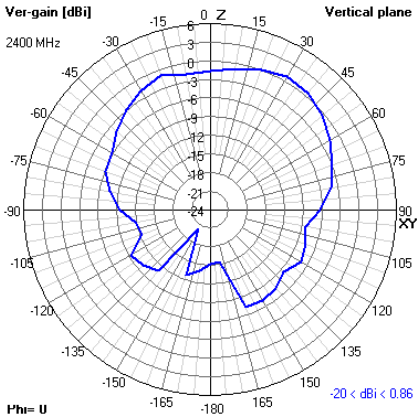
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [Wi-Fi]

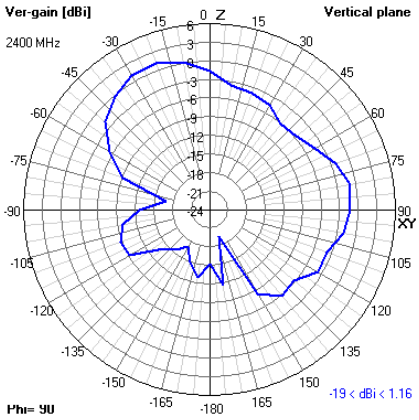
2400 MHz XY



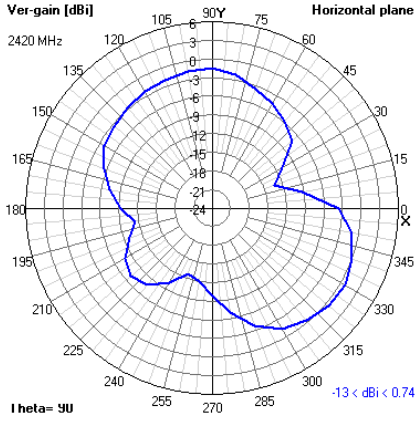
XZ



YZ



2420 MHz XY



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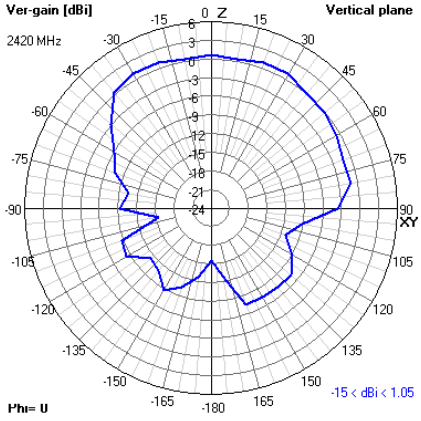

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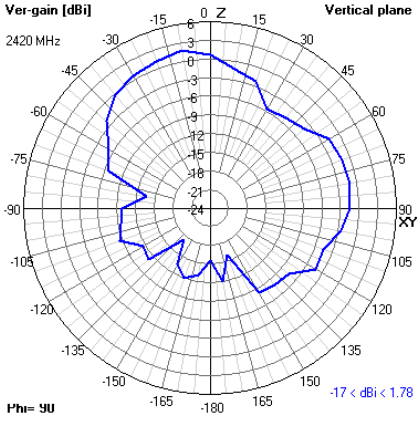
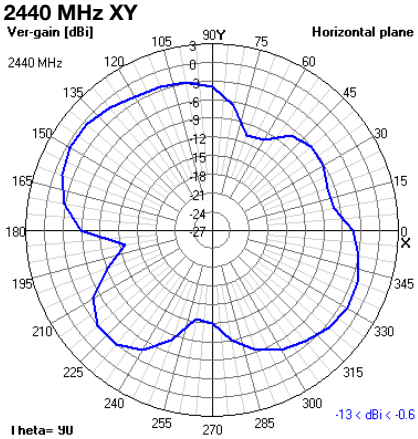


2440 MHz XY



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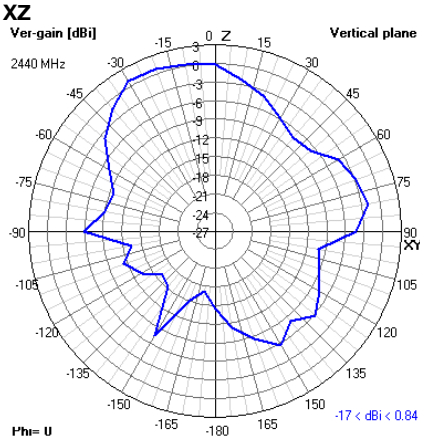

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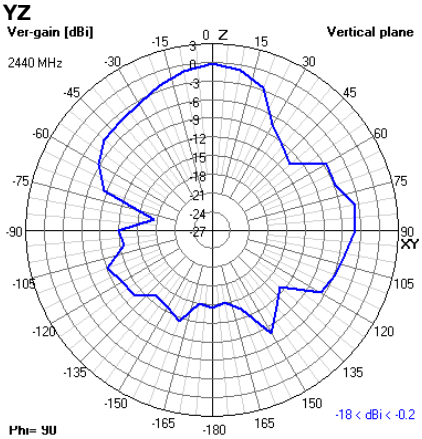

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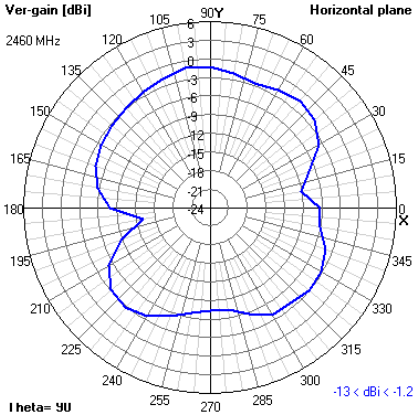
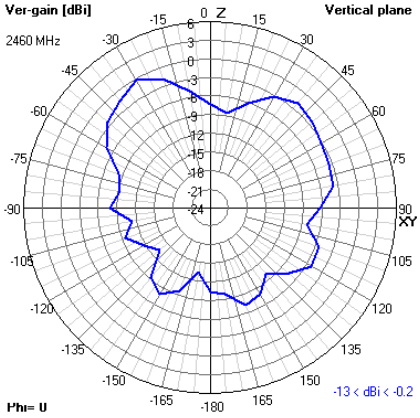
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [Wi-Fi]

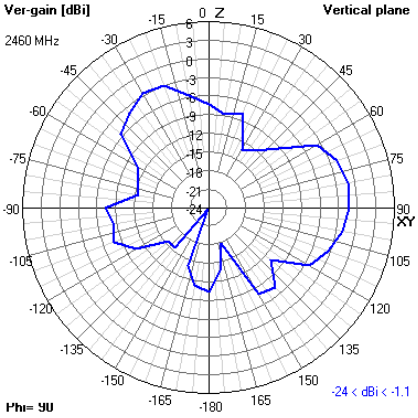
2460 MHz XY



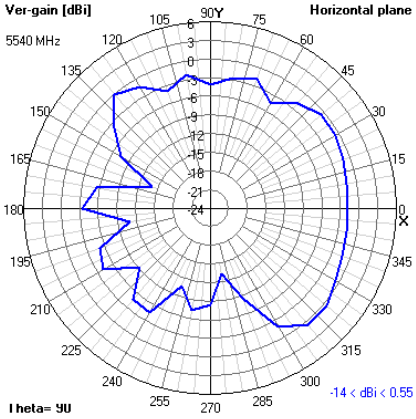
XZ



YZ



5540 MHz XY



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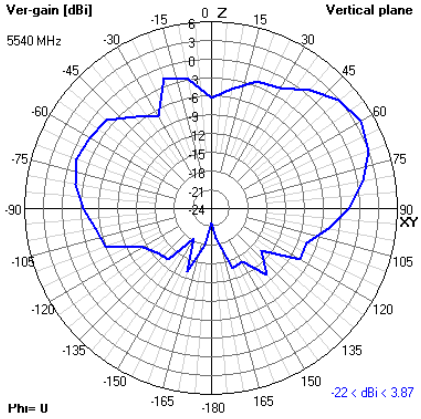

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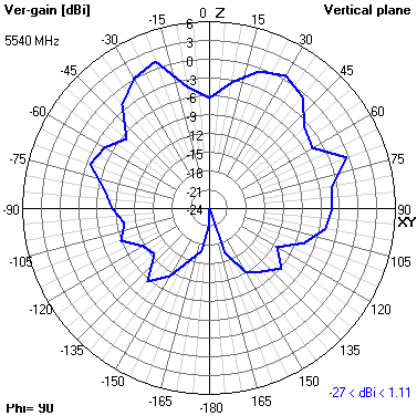
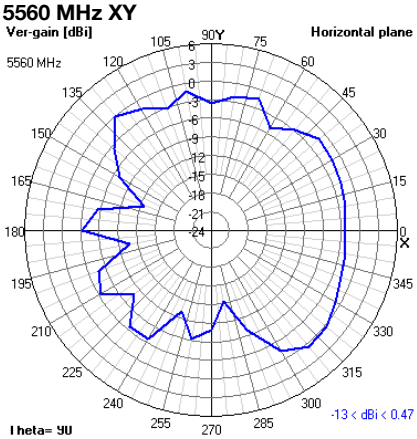


5560 MHz XY



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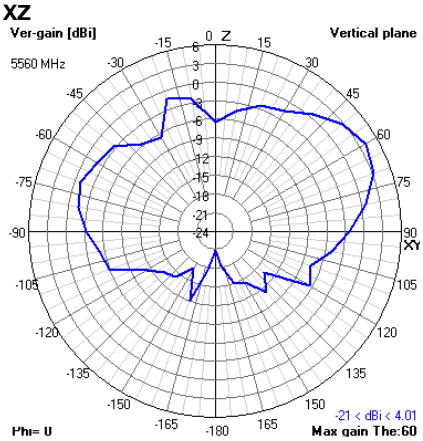

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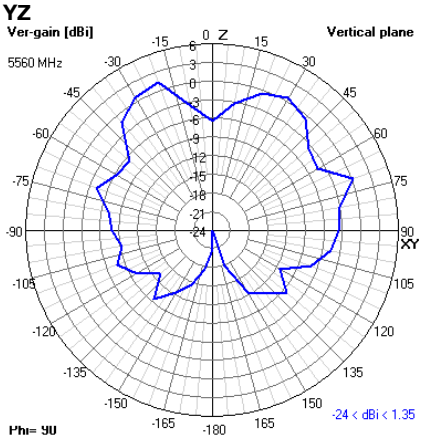

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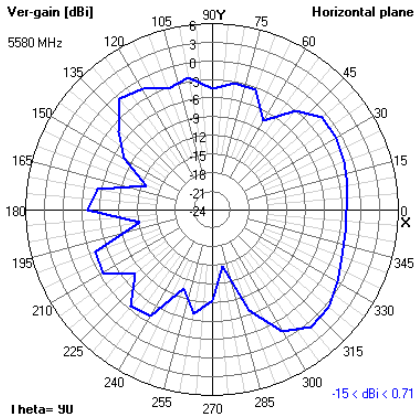
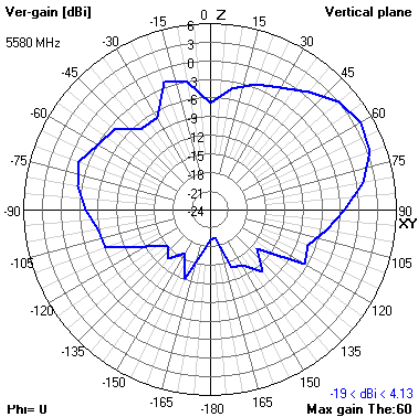
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [Wi-Fi]

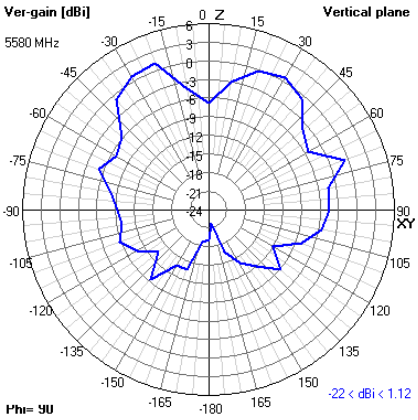
5580 MHz XY



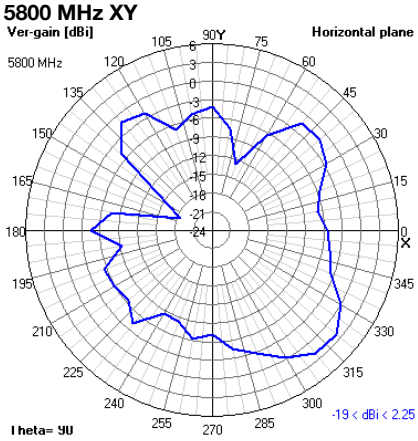
XZ



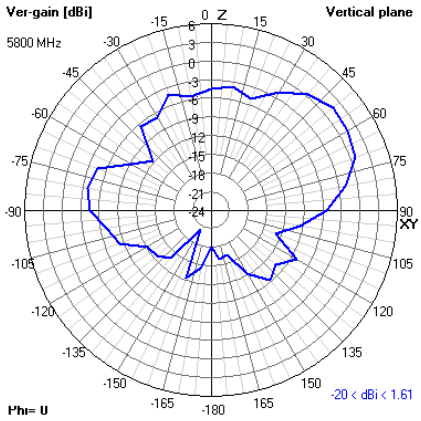
YZ



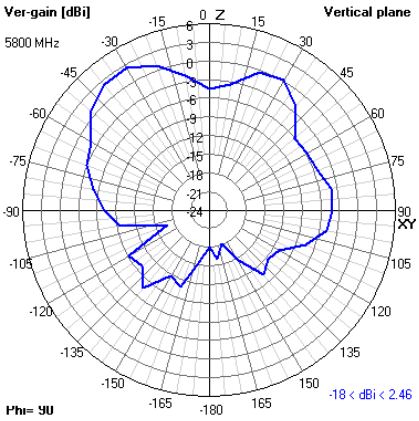
5800 MHz XY



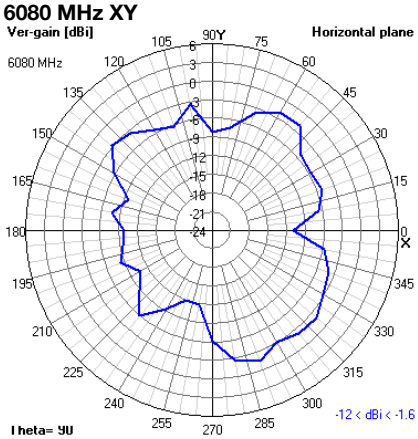
XZ



YZ



6080 MHz XY



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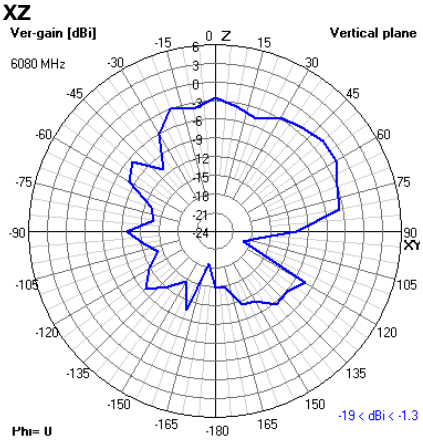
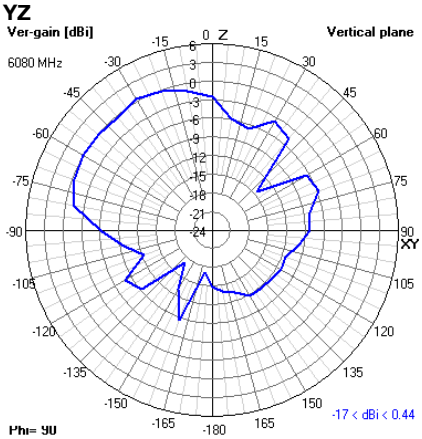


YZ



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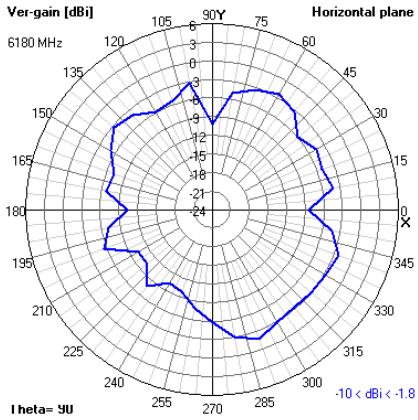
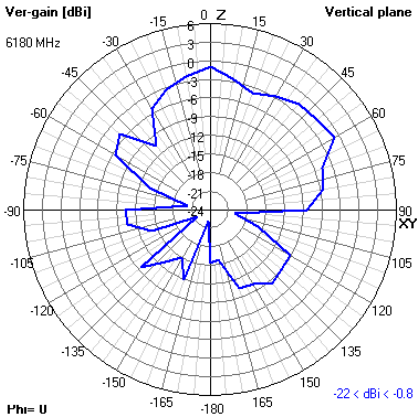
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [Wi-Fi]

6180 MHz XY



XZ



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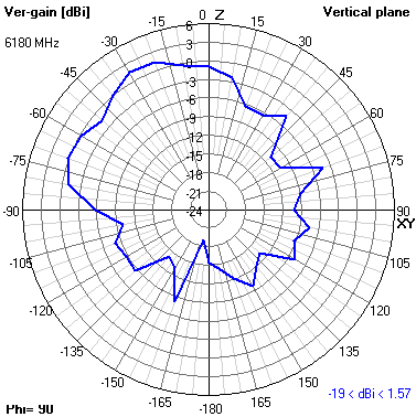
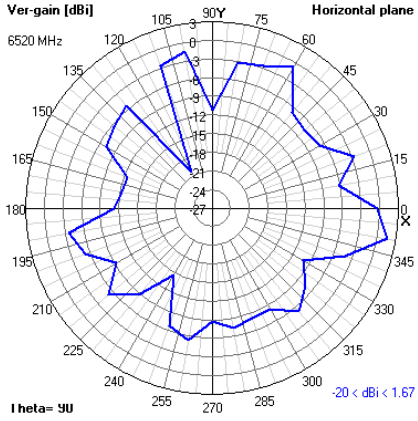
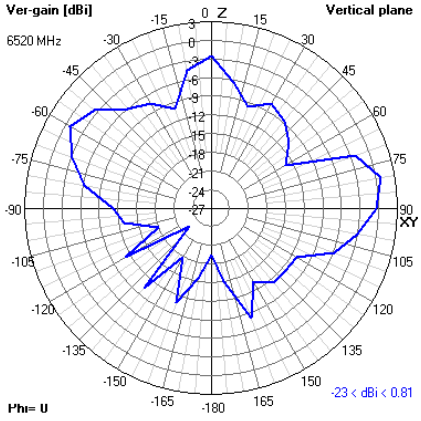


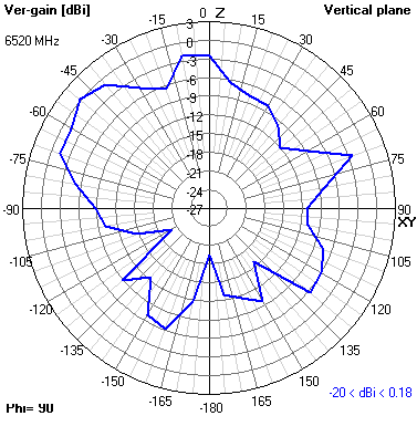
6520 MHz XY



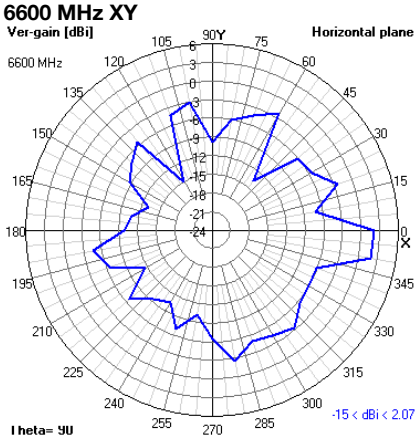
XZ



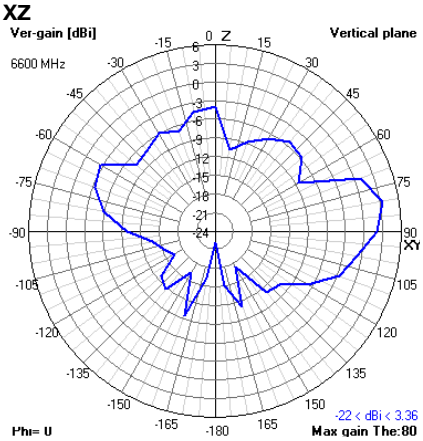
YZ



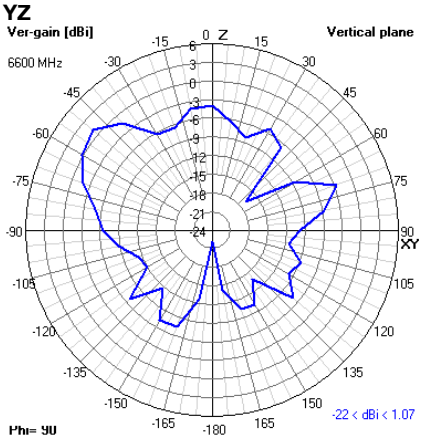
6600 MHz XY



XZ



YZ



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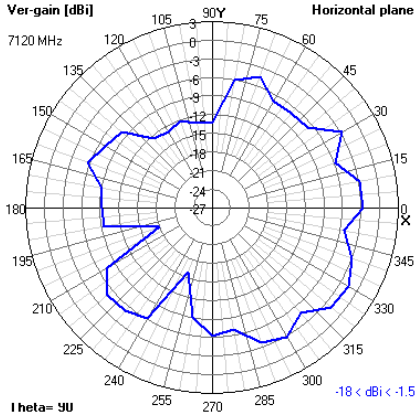
Tango 57

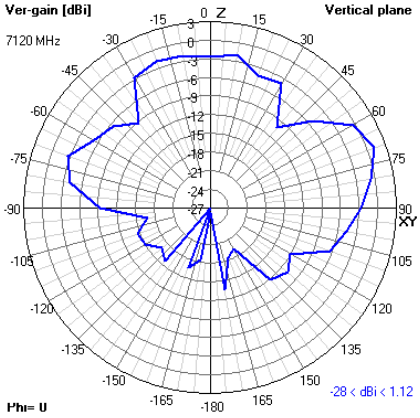
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

2D Radiation Plots [Wi-Fi]

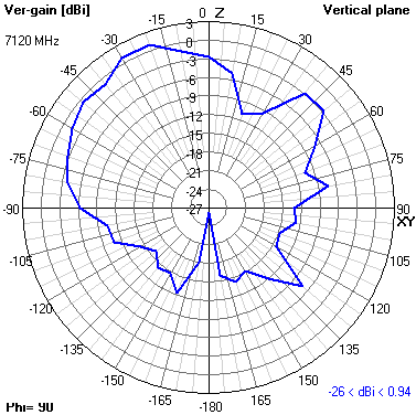
7120 MHz XY



XZ

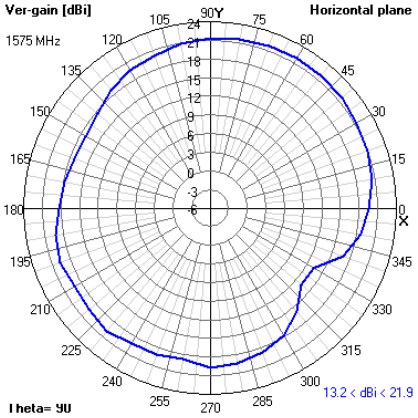


YZ

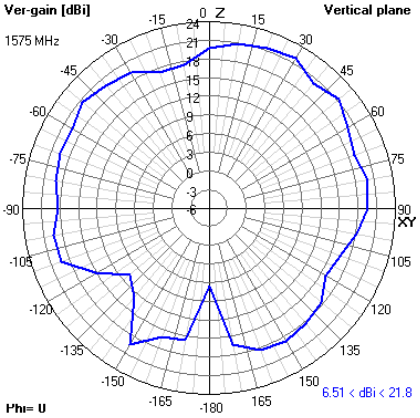


2D Radiation Plots [GPS]

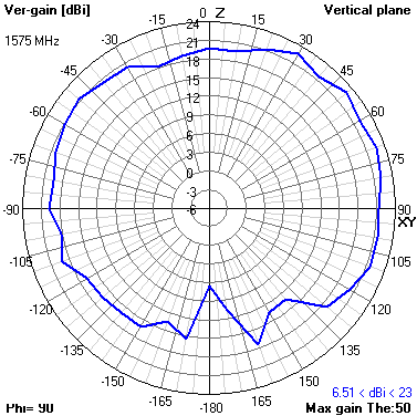
1575.42 MHz XY



XZ



YZ

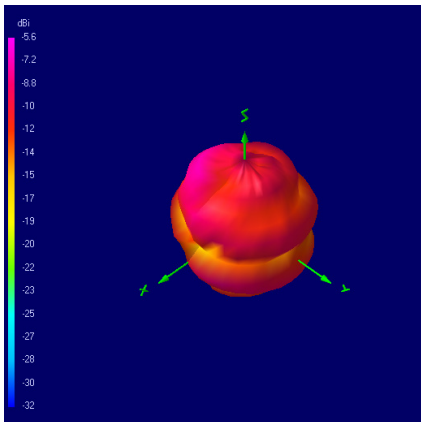


Tango 57

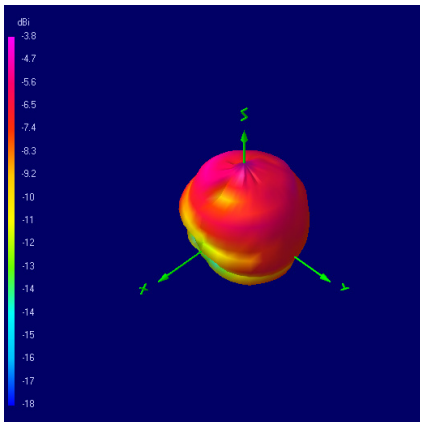
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

3D Radiation Plots [Cellular]

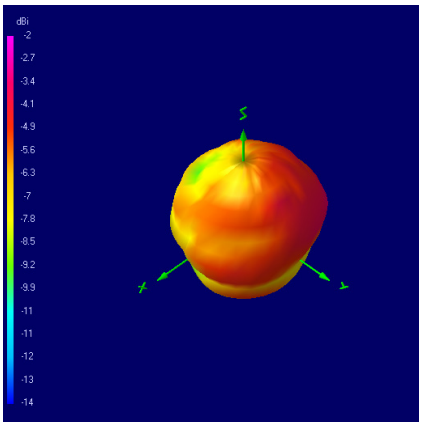
600 MHz



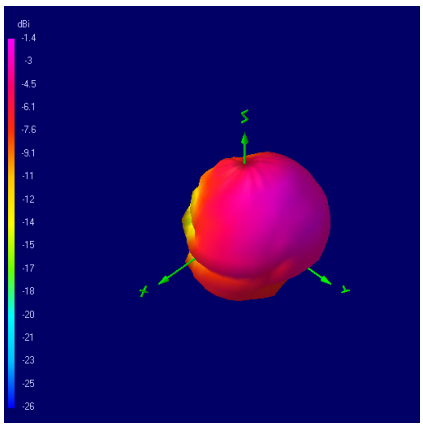
620 MHz



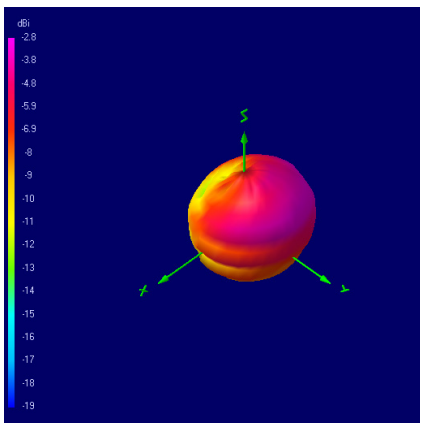
700 MHz



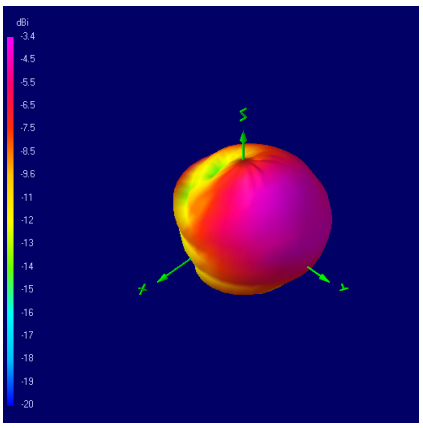
800 MHz



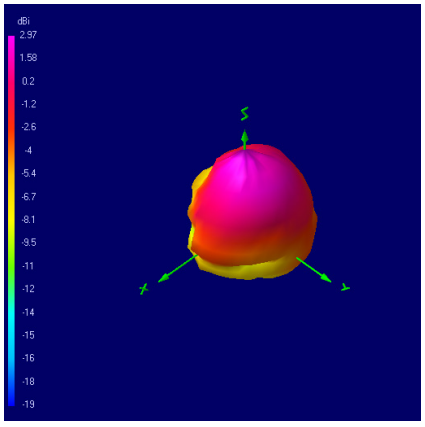
860 MHz



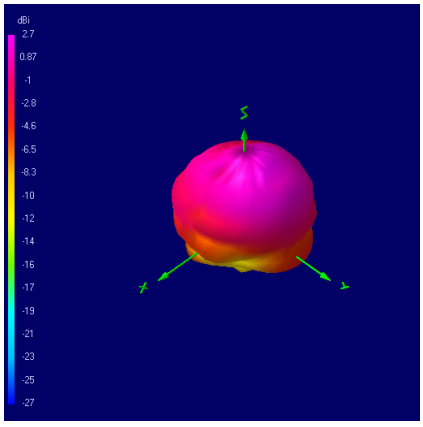
900 MHz



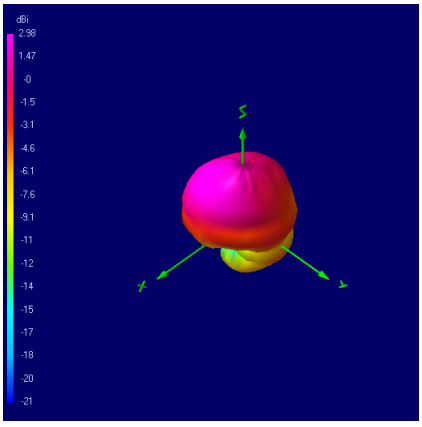
1600 MHz



1700 MHz



1800 MHz



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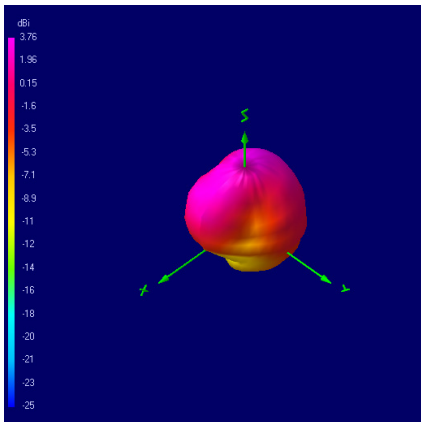
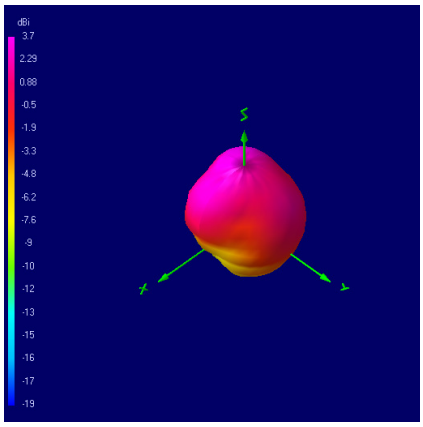
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

3D Radiation Plots [Cellular]

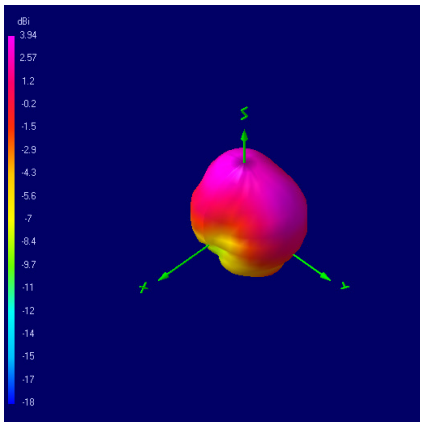
1900 MHz



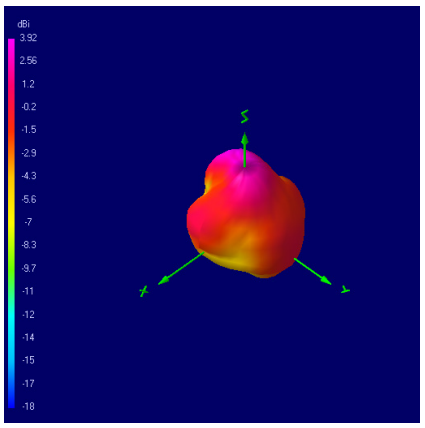
2000 MHz



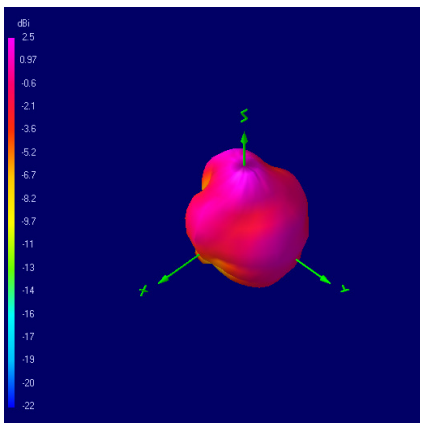
2100 MHz



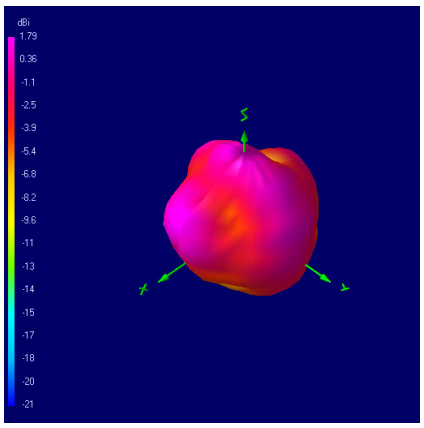
2300 MHz



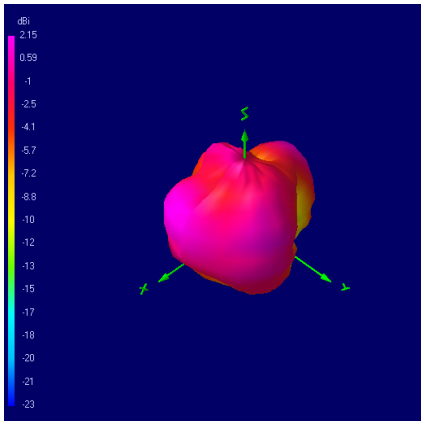
2400 MHz



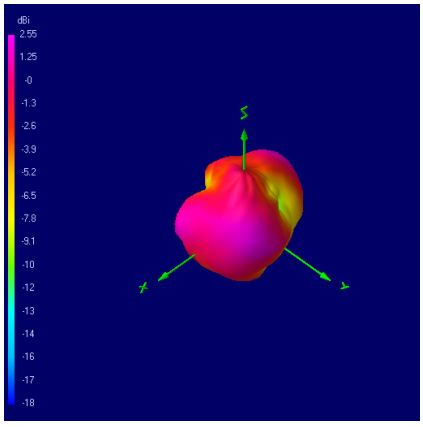
2500 MHz



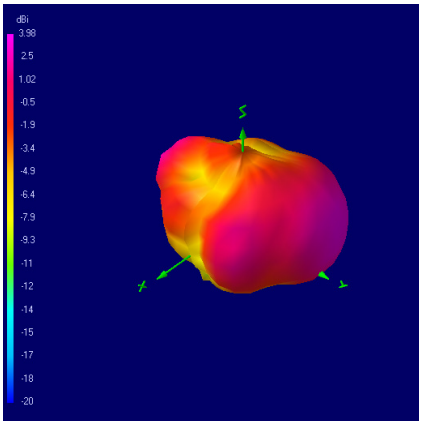
2600 MHz



2700 MHz



3200 MHz



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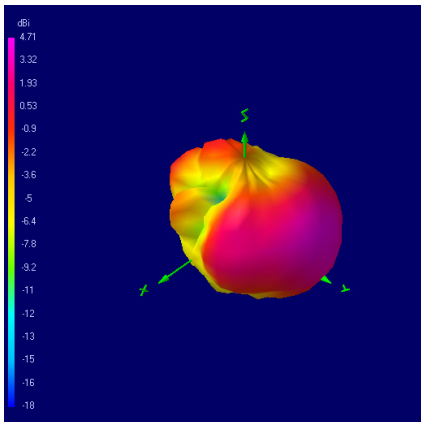
Enabling Industrial IoT

Tango 57

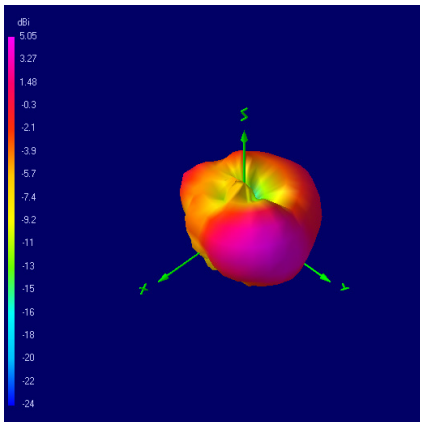
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

3D Radiation Plots [Cellular]

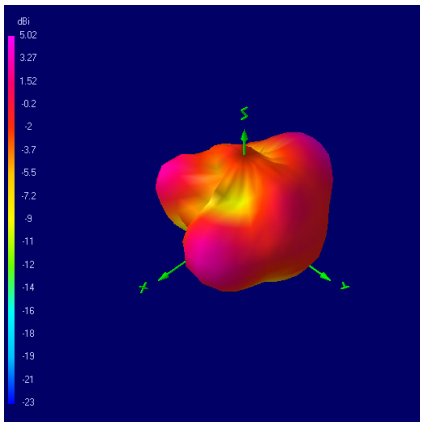
3300 MHz



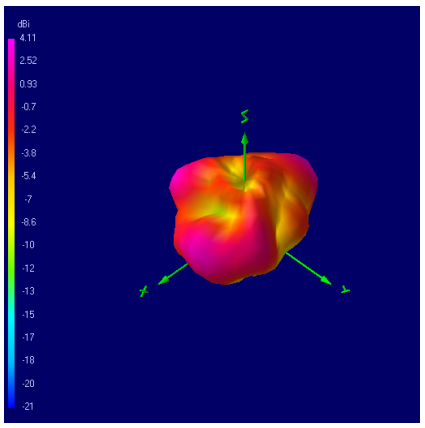
3550 MHz



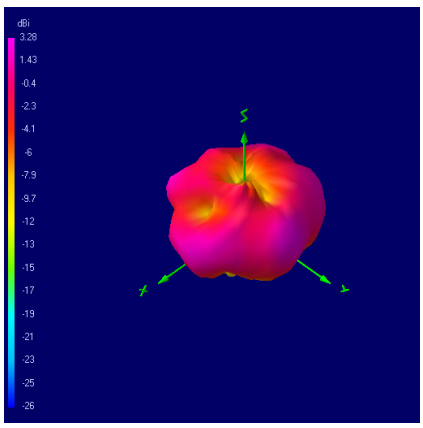
3700 MHz



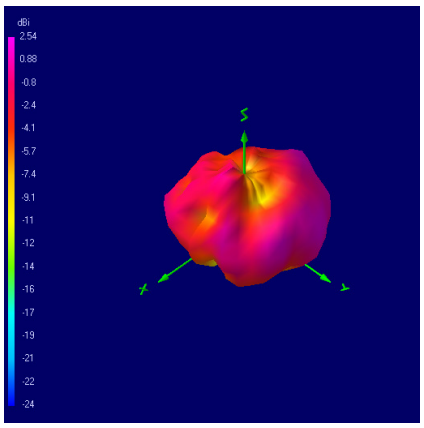
4200 MHz



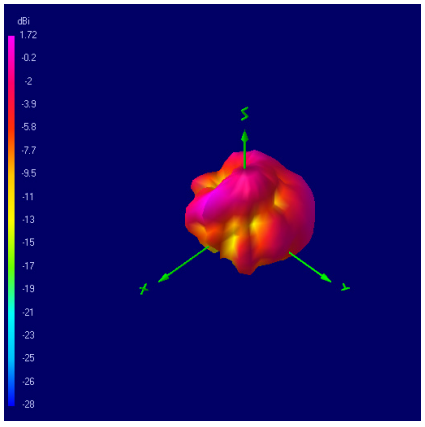
4700 MHz



5200 MHz



5900 MHz

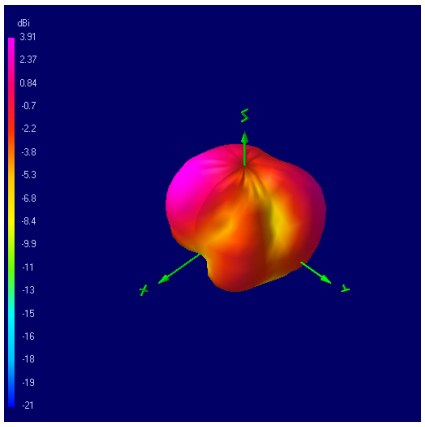


Tango 57

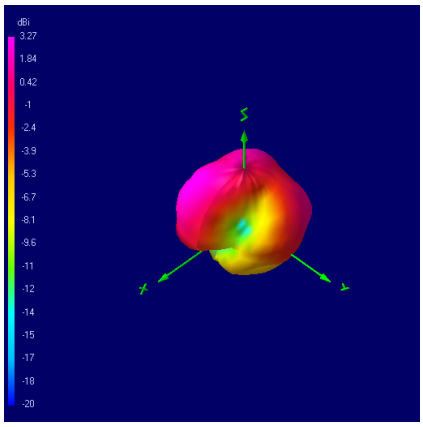
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

3D Radiation Plots [Wi-Fi]

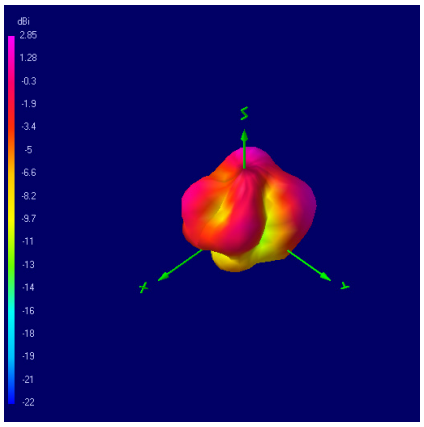
2400 MHz



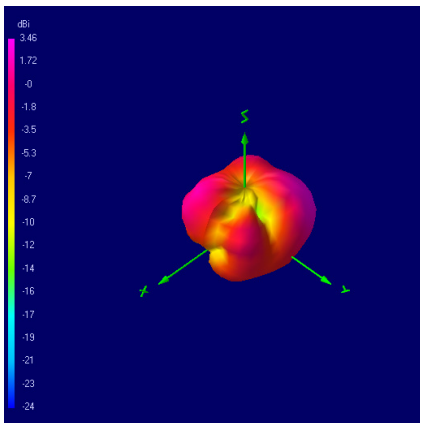
2420 MHz



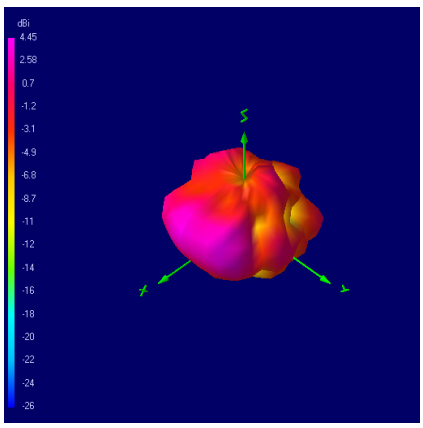
2440 MHz



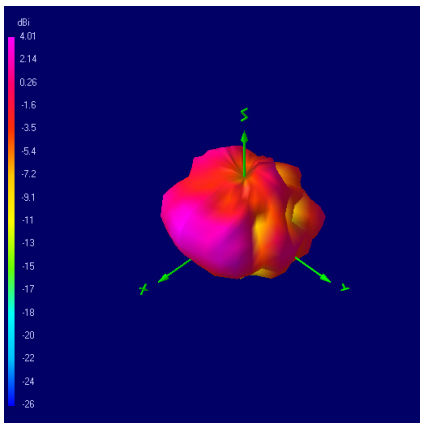
2460 MHz



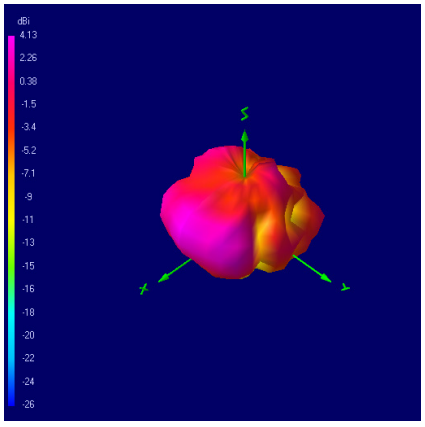
5540 MHz



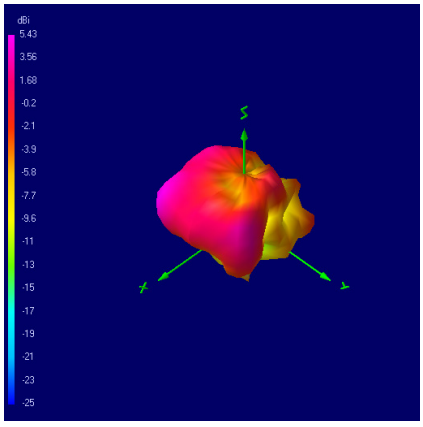
5560 MHz



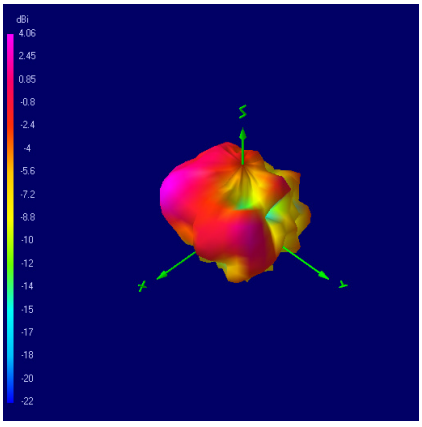
5580 MHz



5800 MHz



6080 MHz



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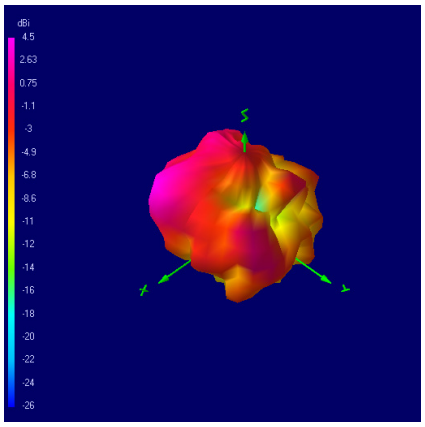
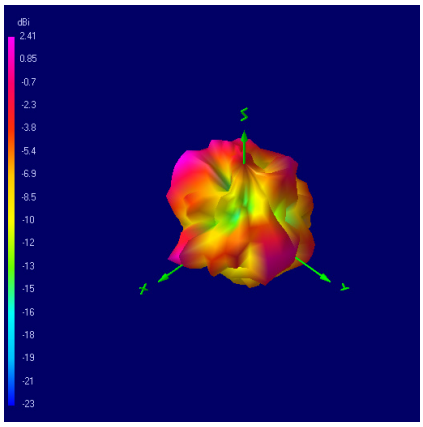
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

3D Radiation Plots [Wi-Fi]

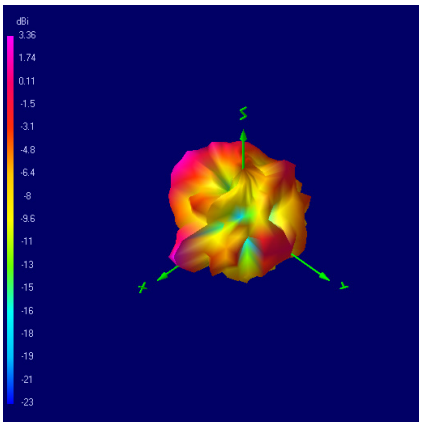
6180 MHz



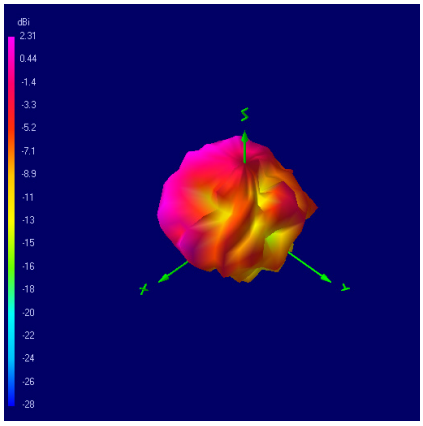
6520 MHz



6600 MHz

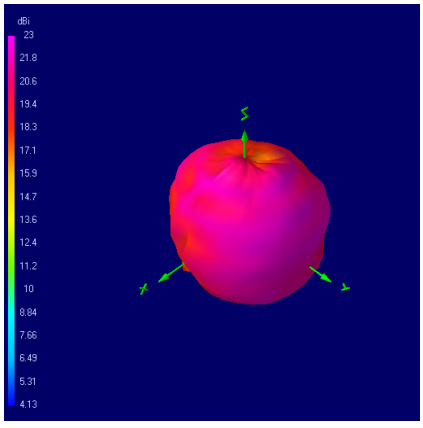


7120 MHz



3D Radiation Plots [GPS]

1575.42 MHz



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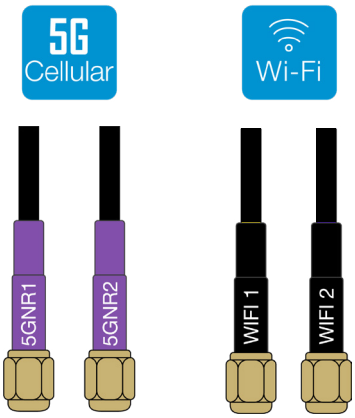
Enabling Industrial IoT

Tango 57

Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

Ordering Details:

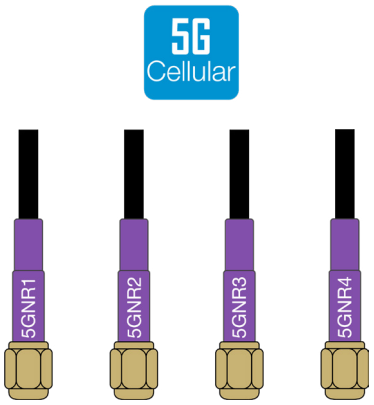


Option 1: **2x Cellular / 2x Wi-Fi**

Part Number: TANGO57/MIMO22/1M/SMAM/RP-SMAM

Description: 4-IN-1 MIMO ANTENNA (SMAM) x2 5G (SMAM) x2 Wi-Fi (RP-SMAM) NO GPS 1M CABLE

Application: A compact solution for applications requiring balanced connectivity, offering 2x cellular and 2x Wi-Fi. Ideal for IoT, fleet management, and urban deployments needing reliable data transfer without GPS.

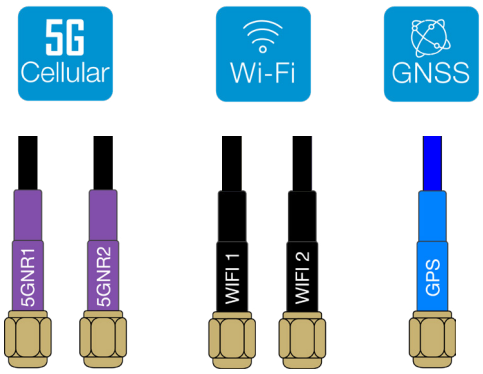


Option 2: **4x Cellular**

Part Number: TANGO57/MIMO4/1M/SMAM/RP-SMAM

Description: 4-IN-1 MIMO ANTENNA (SMAM) x4 5G (SMAM) 1M CABLE

Application: Perfect for applications focused on robust cellular connectivity, featuring 4x cellular MIMO for enhanced network performance. Suited for remote monitoring, mobile broadband, and critical communications.



Option 3: **2x Cellular / 2x Wi-Fi / 1x GNSS**

Part Number: TANGO57/MIMO/221/1M/SMAM/RP-SMAM

Description: 5-IN-1 MIMO ANTENNA x1 GPS (SMAM) x2 5G (SMAM) x2 Wi-Fi (RP-SMAM) 1M CABLE

Application: A cost-effective solution for moderate use cases, balancing performance and cost for applications like fleet management, public safety, and IoT deployments.

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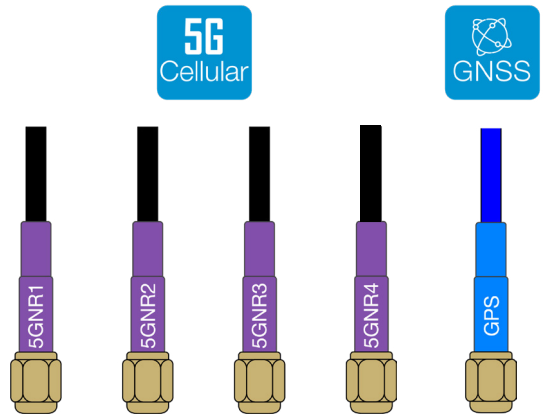
Wideband IP68 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1

Ordering Details:

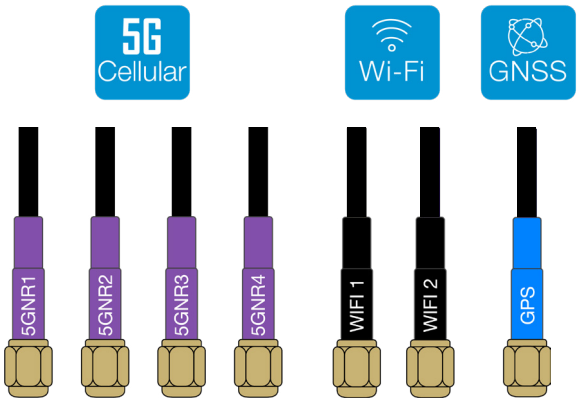


Option 4: **4x Cellular / 1x GNSS**

Part Number: TANGO57/MIMO/401/1M/SMAM/RP-SMAM

Description: 5-IN-1 MIMO ANTENNA x1 GPS (SMAM) x4 5G (SMAM) 1M CABLE

Application: Ideal for applications that prioritise strong cellular connectivity with GPS tracking, such as fleet management, mobile broadband, and telematics systems. Designed for scenarios where Wi-Fi is preferred inside the vehicle; pair with a Siretta 2x2 MIMO Wi-Fi antenna to add internal wireless connectivity to your router.



Option 5: **4x Cellular / 2x Wi-Fi / 1x GNSS**

Part Number: TANGO57/MIMO/421/1M/SMAM/RP-SMAM

Description: 7-IN-1 MIMO ANTENNA x1 GPS (SMAM) x4 5G (SMAM) x2 Wi-Fi (RP-SMAM) 1M CABLE

Application: Well-suited for general applications where strong cellular connectivity is paramount but also requires reliable Wi-Fi and GPS functionalities.

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