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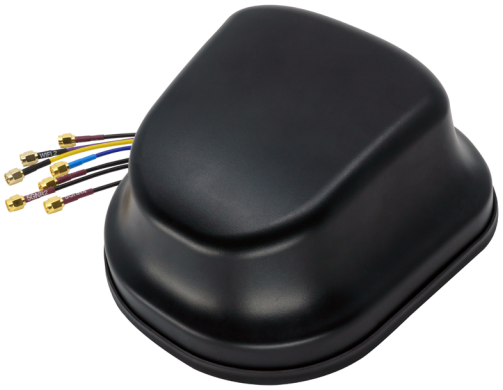
Tango 55

Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5



Key Features

- Supports 5G NR / 4G LTE / 3G UMTS Bands
- Covers 617 MHz to 4700 MHz for global cellular compatibility
- Supports Wi-Fi 7 (2.4 GHz, 5 GHz, and 6 GHz bands)
- GNSS support for bands L1, L2, and L5
- High-efficiency omnidirectional radiation patterns
- IP67 rated for waterproof and dustproof protection
- Compact low-profile puck design for easy installation

General Description

The Tango 55 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 4700 MHz, supporting all major global 4G and 5G bands. Additionally, it includes two Wi-Fi ports supporting dual-band 2.4 GHz, 5 GHz, and 6 GHz for compatibility with Wi-Fi 7 (802.11ax), providing high-speed, concurrent data transfer (3 port option available). The GNSS port covers bands L1, L2, and L5 for precise location tracking.

The Tango 55 excels with its optimised design, offering excellent omnidirectional radiation patterns, high efficiency and an IP67 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.

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.

T Through	MIMO Antenna	5G New Radio	4G LTE	3G UMTS
2G GSM	IEEE 802.15.4	ISM 868	ISM 915	ISM 2.4G
ISM 5.8G	WiFi 2.4G & 5G	WiFi 4 802.11n	WiFi 5 802.11ac	WiFi 6 802.11ax
WiFi 6e 802.11ax	WiFi 7 802.11be	WLAN 2400	WLAN 5800	GPS Position
GNSS Position	IP 67			

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Electrical Specifications

Impedance:	50 Ohm
Polarization:	Vertical
Max input power:	10 W
Ground plane independent:	No (tested on 400 mm Ø ground plane)

Environmental Specifications

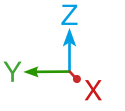
Operating temperature range:	-40 °C to +80 °C
Storage temperature range:	-40 °C to +80 °C

Mechanical Specifications

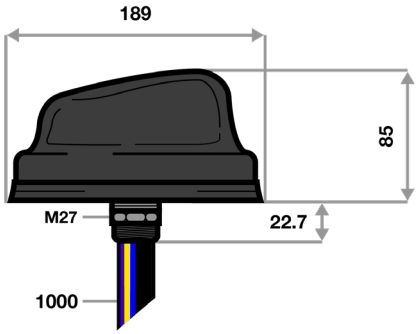
Dimensions:	189 mm Length, 182 mm Width, 85 mm Height
Weight:	10 g
Connector:	SMA Male / RP-SMA Male
Mounting method:	Through-hole/Screw Mount
Housing materials:	PC/ABS

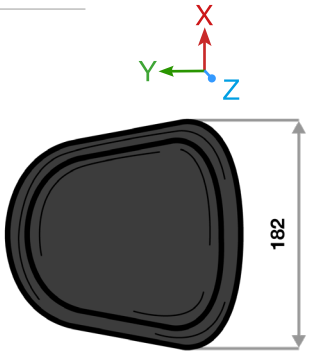
GNSS Specifications

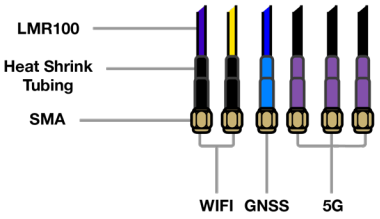
Frequency:	GPS L1, L2, L5 Galileo E5a, E5b, E1-I, E1-Q
Noise Figure:	≤2.0dB
Supply Voltage:	3~12V DC
Current Consumption:	≤60mA
Impedance:	50Ω
Polarization:	RHCP



orientation







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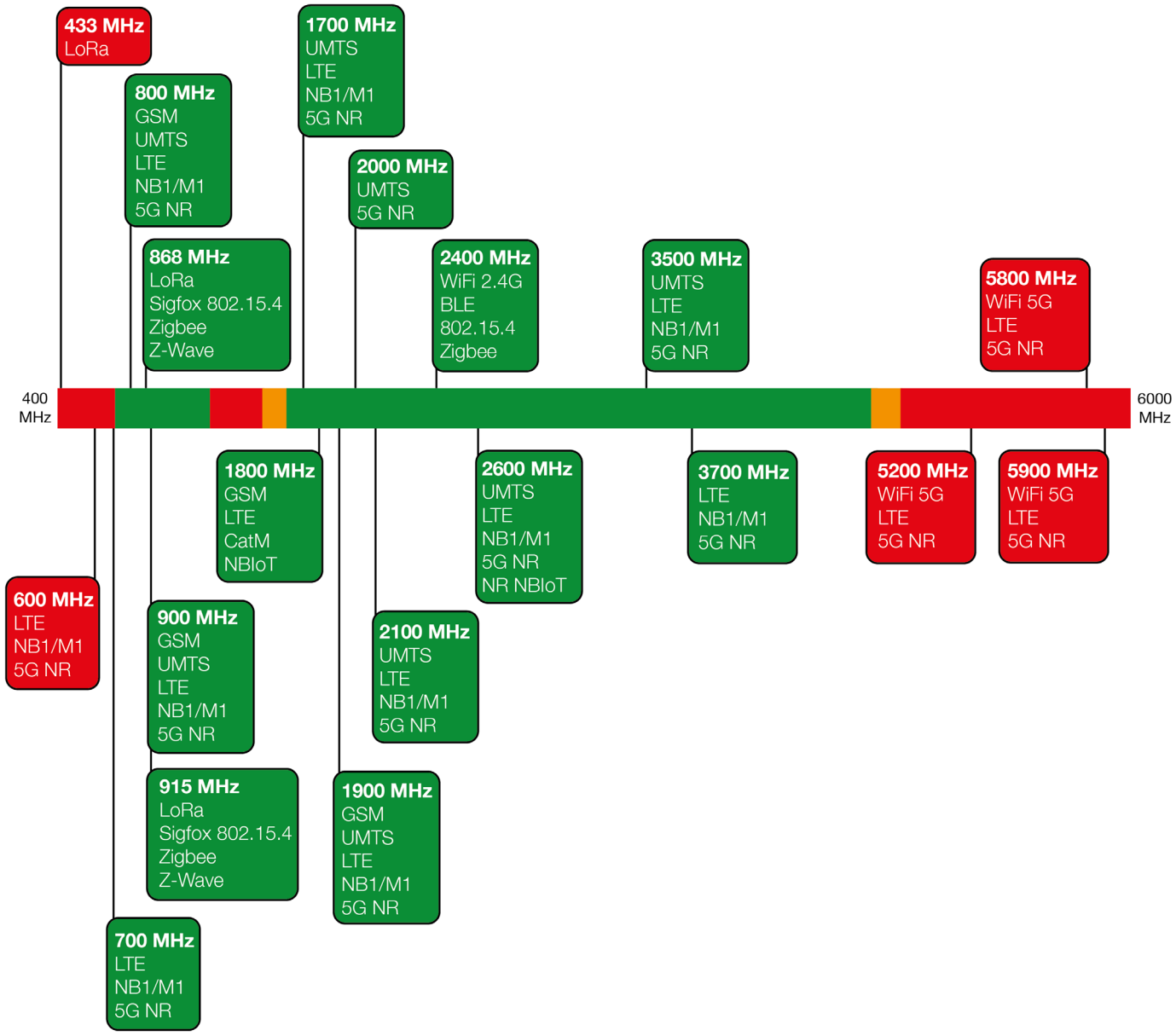
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

Spectrum Coverage [5G/4G Ports]



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

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Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

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	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	59.13	57.37	1.51	1.66	●
PCS-1900	2	2	2	2	n2	n2	1850 - 1910 MHz	1930 - 1990 MHz	58.02	58.26	1.51	1.51	●
DCS-1800	3	3	3	3	n3	n3	1710 - 1785 MHz	1805 - 1880 MHz	51.33	57.54	1.55	1.51	●
	4	4	4	4			1710 - 1755 MHz	2110 - 2155 MHz	51.52	56.69	1.55	1.66	●
GSM-850	5	5	5	5	n5	n5	824 - 849 MHz	869 - 894 MHz	72.62	64.02	1.20	1.49	●
	6						830 - 840 MHz	875 - 885 MHz	73.21	63.55	1.15	1.41	●
	7	7	7	7	n7	n7	2500 - 2570 MHz	2620 - 2690 MHz	57.46	61.53	1.31	1.58	●
E-GSM-900	8	8	8	8	n8	n8	880 - 915 MHz	925 - 960 MHz	64.40	53.79	1.56	1.57	●
	9	9					1749.9 - 1784.9 MHz	1844.9 - 1879.9 MHz	51.17	56.32	1.35	1.51	●
	10	10					1710 - 1770 MHz	2110 - 2170 MHz	51.25	57.37	1.55	1.66	●
	12	12	12	12	n12	n12	699 - 716 MHz	729 - 746 MHz	52.30	63.49	1.98	2.01	●
	13	13	13	13	n13		777 - 787 MHz	746 - 756 MHz	69.63	64.45	1.49	1.72	●
	14	14	14	14	n14	n14	788 - 798 MHz	758 - 768 MHz	77.34	65.22	1.61	1.61	●
		17		17			704 - 716 MHz	734 - 746 MHz	53.91	63.88	1.98	2.01	●
		18	18	18	n18	n18	815 - 830 MHz	860 - 875 MHz	81.06	62.22	1.30	1.23	●
	19	19	19	19			830 - 845 MHz	875 - 890 MHz	71.74	64.04	1.17	1.47	●
	20	20	20	20	n20	n20	832 - 862 MHz	791 - 821 MHz	67.23	81.77	1.23	1.66	●
	22	22					3410 - 3490 MHz	3510 - 3590 MHz	47.89	48.12	1.87	1.88	●
		24	24	24	n24	n24	1626.5 - 1660.5 MHz	1525 - 1559 MHz	46.79	37.55	1.93	2.84	●
	25	25	25	25	n25	n25	1850 - 1915 MHz	1930 - 1995 MHz	58.35	58.44	1.51	1.51	●
	26	26	26	26	n26	n26	814 - 849 MHz	859 - 894 MHz	75.51	63.42	1.33	1.49	●
		27	27				807 - 824 MHz	852 - 869 MHz	82.81	62.53	1.53	1.23	●
		28	28	28	n28	n28	703 - 748 MHz	758 - 803 MHz	59.82	71.26	2.01	1.66	●
		28A					703 - 733 MHz	758 - 788 MHz	57.79	67.41	2.00	1.61	●
		29			n29		N/A	717 - 728 MHz	N/A	60.67	N/A	1.95	●

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Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

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	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
		30			n30		2305 - 2315 MHz	2350 - 2360 MHz	56.26	59.03	1.34	1.36	●
		33					1900 - 1920 MHz	1900 - 1920 MHz	61.82	61.82	1.29	1.29	●
		34			n34		2010 - 2025 MHz	2010 - 2025 MHz	61.68	61.68	1.50	1.50	●
		35					1850 - 1910 MHz	1850 - 1910 MHz	58.02	58.02	1.51	1.51	●
		36					1930 - 1990 MHz	1930 - 1990 MHz	58.26	58.26	1.51	1.51	●
		37					1910 - 1930 MHz	1910 - 1930 MHz	62.67	62.67	1.43	1.43	●
		38			n38		2570 - 2620 MHz	2570 - 2620 MHz	57.59	57.59	1.34	1.34	●
		39	39		n39		1880 - 1920 MHz	1880 - 1920 MHz	60.66	60.66	1.38	1.38	●
		40	40		n40		2300 - 2400 MHz	2300 - 2400 MHz	57.06	57.06	1.51	1.51	●
		41	41	41	n41	n41	2496 - 2690 MHz	2496 - 2690 MHz	58.93	58.93	1.58	1.58	●
		42	42	42			3400 - 3600 MHz	3400 - 3600 MHz	48.00	48.00	1.88	1.88	●
		43	43	43			3600 - 3800 MHz	3600 - 3800 MHz	48.05	48.05	2.03	2.03	●
		44					703 - 803 MHz	703 - 803 MHz	65.44	65.44	2.01	2.01	●
		48	48	48	n48		3550 - 3700 MHz	3550 - 3700 MHz	49.38	49.38	1.94	1.94	●
		49					3550 - 3700 MHz	3550 - 3700 MHz	49.38	49.38	1.94	1.94	●
		52					3300 - 3400 MHz	3300 - 3400 MHz	49.83	49.83	1.75	1.75	●
		53			n53		2483.5 - 2495 MHz	2483.5 - 2495 MHz	53.89	53.89	1.30	1.30	●
		54	54	54	n54	n54	1670 - 1675 MHz	1670 - 1675 MHz	44.66	44.66	1.51	1.51	●
		65		65	n65	n65	1920 - 2010 MHz	2110 - 2200 MHz	59.67	58.41	1.51	1.66	●
		66	66	66	n66	n66	1710 - 1780 MHz	2110 - 2200 MHz	51.28	58.41	1.55	1.66	●
		67			n67		N/A	738 - 758 MHz	N/A	64.34	N/A	1.95	●
		68					698 - 728 MHz	753 - 783 MHz	55.38	66.19	1.98	1.66	●
		69					N/A	2570 - 2620 MHz	N/A	57.59	N/A	1.34	●
		70		70	n70	n70	1695 - 1710 MHz	1995 - 2020 MHz	49.01	62.55	1.57	1.46	●
					n77		3300 - 4200 MHz	3300 - 4200 MHz	43.57	43.57	2.52	2.52	●

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Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

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	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
					n78		3300 - 3800 MHz	3300 - 3800 MHz	48.39	48.39	2.03	2.03	●
					n80		1710 - 1785 MHz	N/A	51.33	N/A	1.55	N/A	●
					n81		880 - 915 MHz	N/A	64.40	N/A	1.56	N/A	●
					n82		832 - 862 MHz	N/A	67.23	N/A	1.23	N/A	●
					n83		703 - 748 MHz	N/A	59.82	N/A	2.01	N/A	●
					n84		1920 - 1980 MHz	N/A	59.13	N/A	1.51	N/A	●
		85	85	85	n85		698 - 716 MHz	728 - 746 MHz	52.00	63.40	1.98	2.01	●
					n86		1710 - 1780 MHz	N/A	51.28	N/A	1.55	N/A	●
					n89		824 - 849 MHz	N/A	72.62	N/A	1.20	N/A	●
					n90	n90	2496 - 2690 MHz	2496 - 2690 MHz	58.93	58.93	1.58	1.58	●
					n91		832 - 862 MHz	1427 - 1432 MHz	67.23	20.46	1.23	3.79	●
					n92		832 - 862 MHz	1432 - 1517 MHz	67.23	24.70	1.23	4.26	●
					n93		880 - 915 MHz	1427 - 1432 MHz	64.40	20.46	1.56	3.79	●
					n94		880 - 915 MHz	1432 - 1517 MHz	64.40	24.70	1.56	4.26	●
					n95		2010 - 2025 MHz	N/A	61.68	N/A	1.50	N/A	●
					n97		2300 - 2400 MHz	N/A	57.06	N/A	1.51	N/A	●
					n98		1880 - 1920 MHz	N/A	60.66	N/A	1.38	N/A	●
					n99		1626.5 - 1660.5 MHz	N/A	46.79	N/A	1.93	N/A	●
1900					n101		1900 - 1910 MHz	1900 - 1910 MHz	61.04	61.04	1.15	1.15	●
				103			787 - 788 MHz	757 - 758 MHz	73.36	64.64	1.42	1.62	●

● 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.

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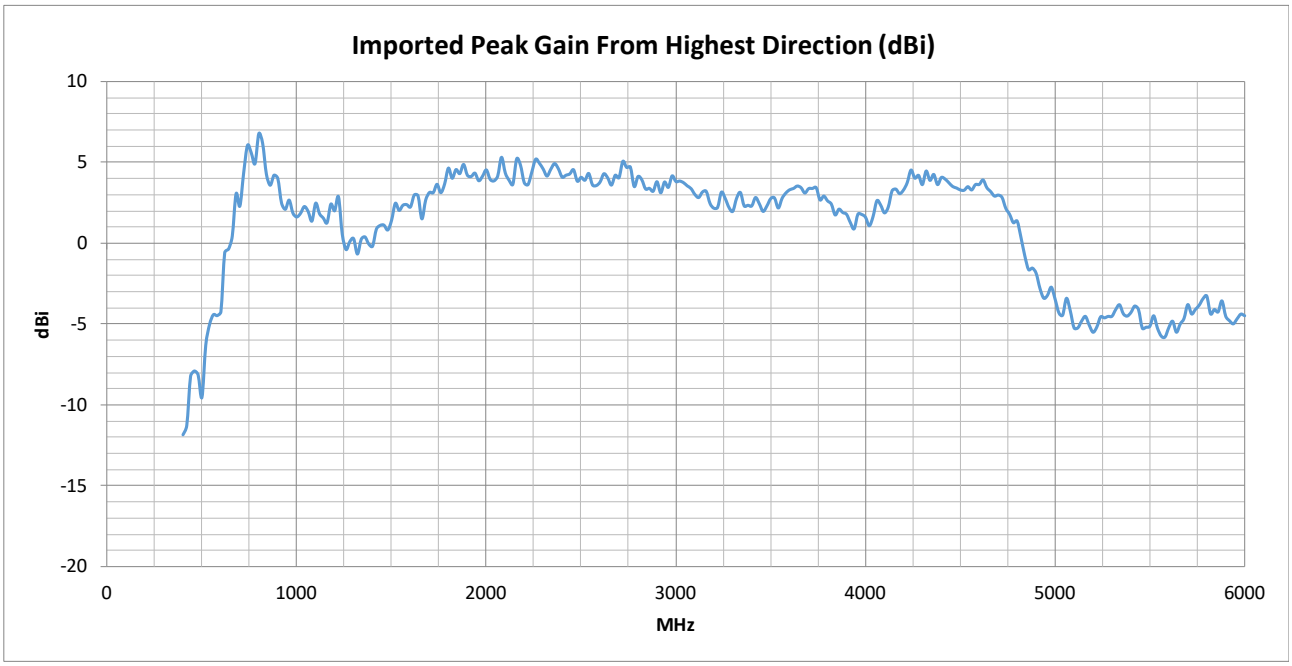
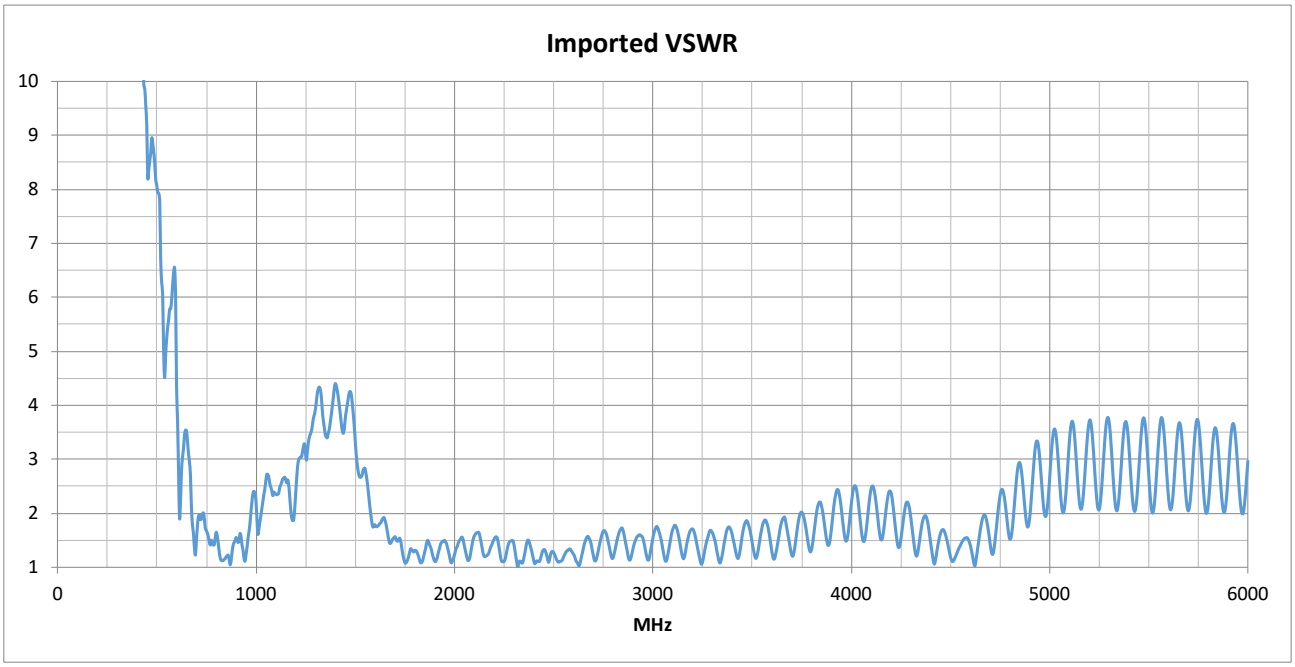
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

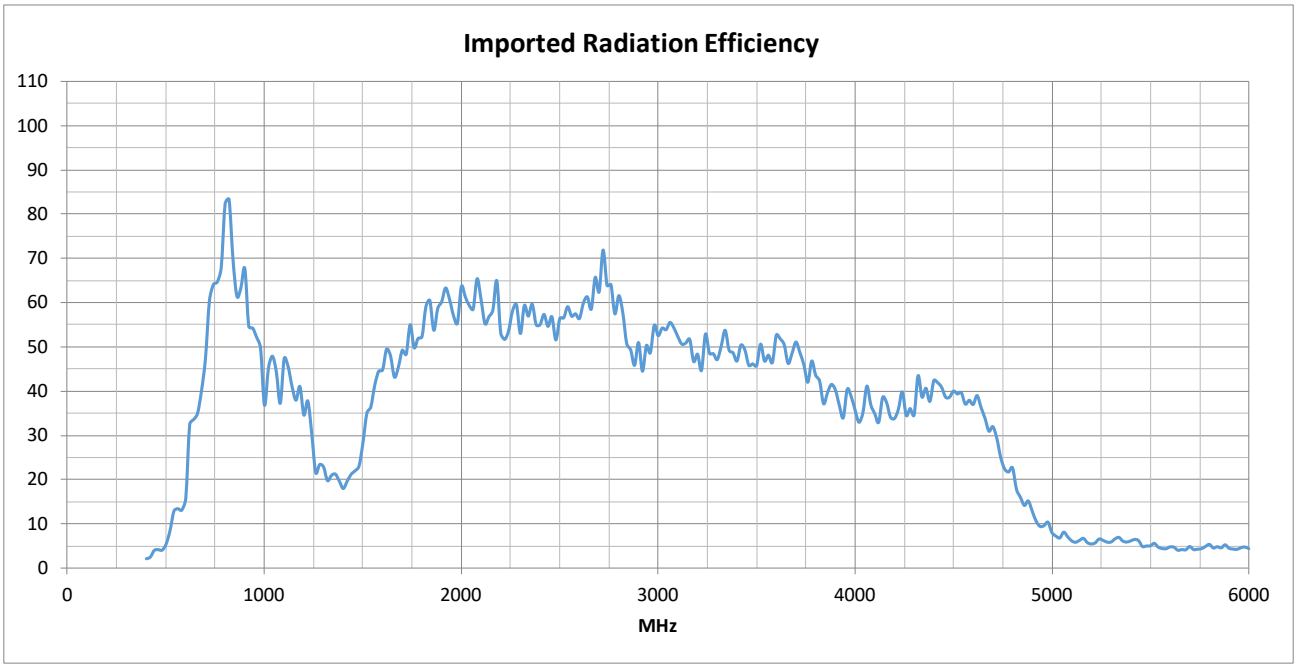
Peak Gain vs. Frequency [5G/4G Ports]



VSWR [5G/4G Ports]



Radiation Efficiency [5G/4G ports]



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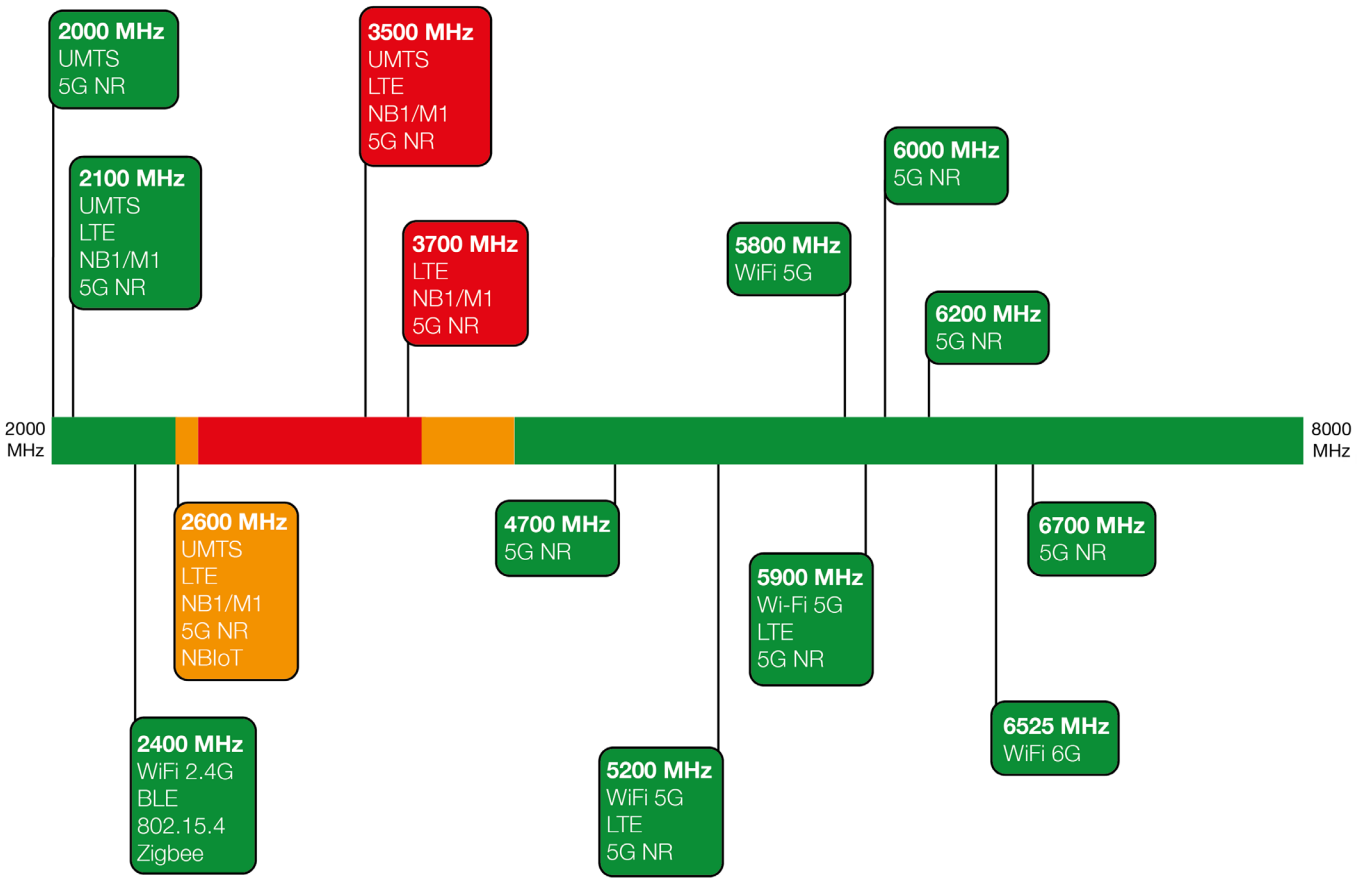
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

Spectrum Coverage [Wi-Fi Ports]



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

Tango 55

Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

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

Application	Frequency Range	Efficiency (%)	Maximum VSWR	Peak Gain from highest direction (dBi)	Use Indicator
WiFi 2.4G	2401 - 2483 MHz	48.70	1.91	5.53	●
WiFi 2.4G (USA)	2401 - 2473 MHz	48.61	1.91	5.53	●
WiFi 2.4G (Japan)	2401 - 2495 MHz	48.42	1.91	5.53	●
WiFi 5G (all channels)	5150 - 5990 MHz	50.10	1.48	5.14	●
WiFi 5G (Ch 32-48)	5150 - 5250 MHz	54.51	1.43	4.61	●
WiFi 5G (Ch 32-64)	5150 - 5330 MHz	54.19	1.43	4.61	●
WiFi 5G (Ch 32-161)	5150 - 5815 MHz	51.10	1.43	5.14	●
WiFi 5G (Ch 32-173)	5150 - 5875 MHz	50.89	1.43	5.14	●
WiFi 6E (Ch 1-93)	5925 - 6425 MHz	41.59	1.73	4.87	●
WiFi 6E (all channels)	5925 - 7125 MHz	36.76	1.98	4.87	●

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

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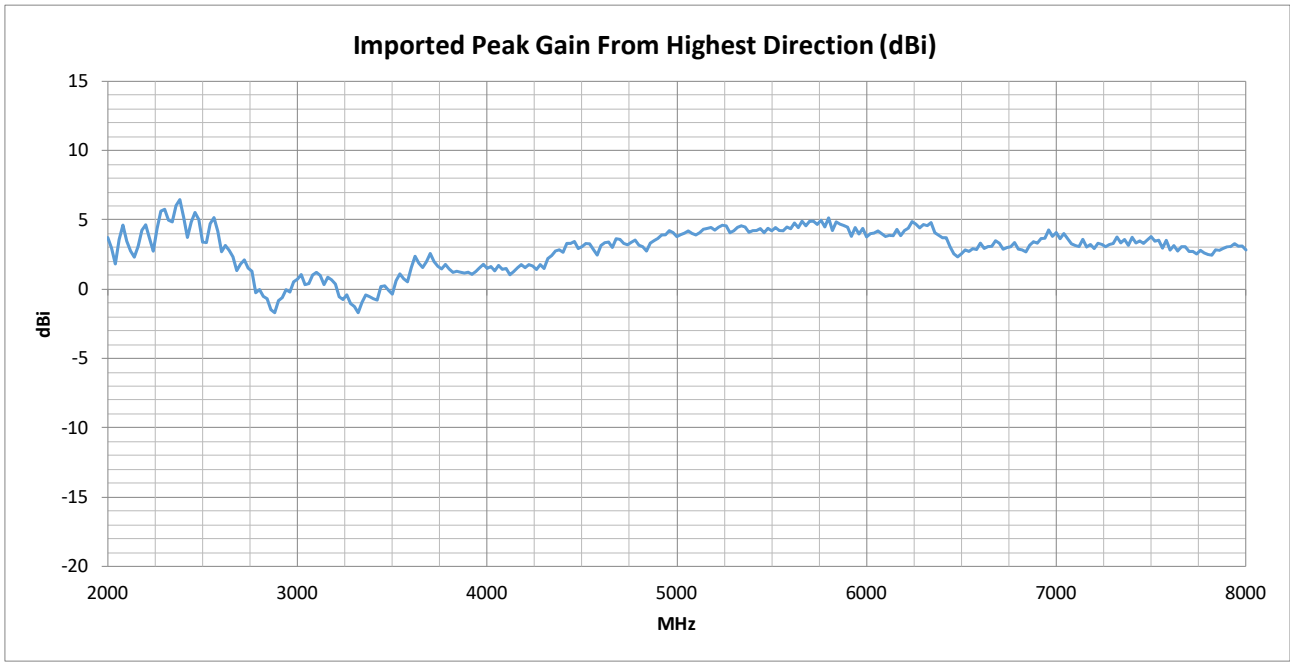
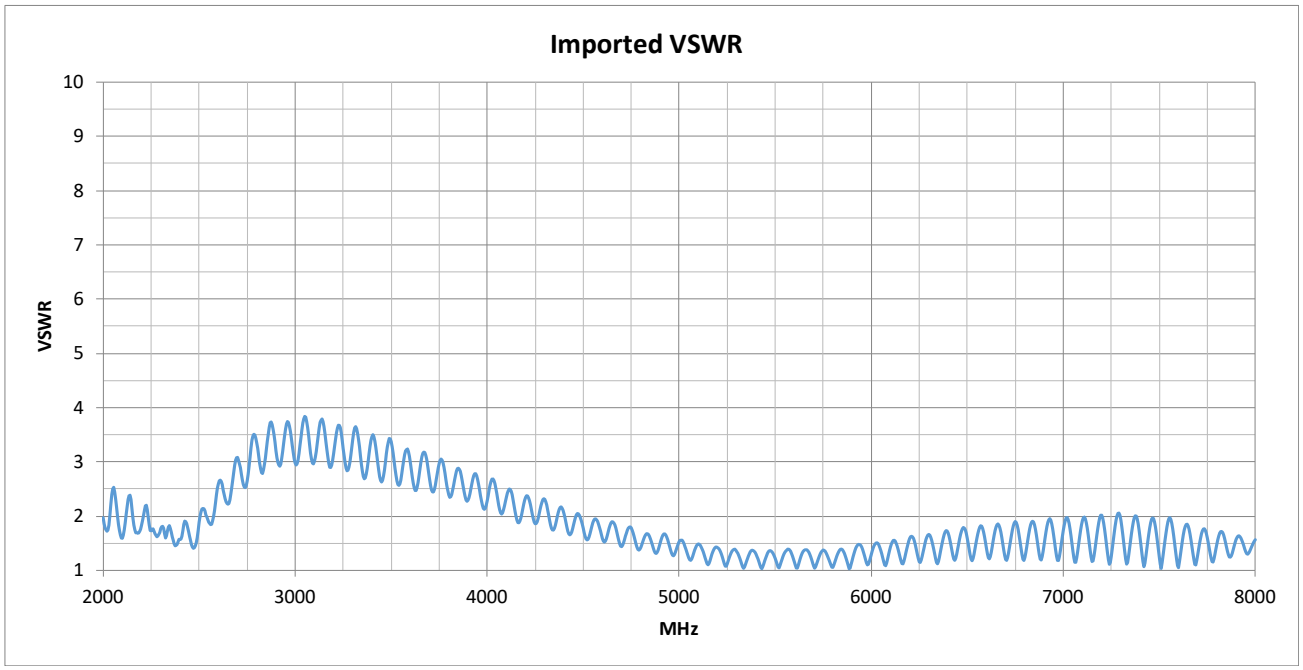
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

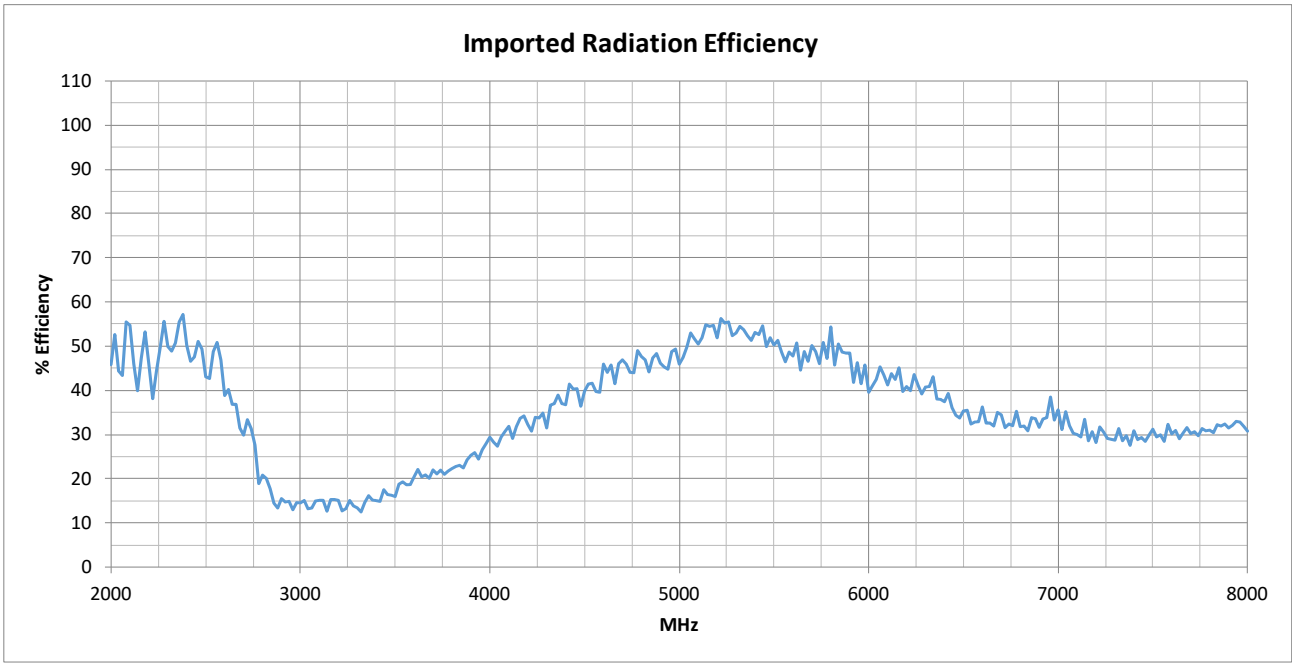
Peak Gain vs. Frequency [Wi-Fi Ports]



VSWR [Wi-Fi Ports]



Radiation Efficiency [Wi-Fi Ports]



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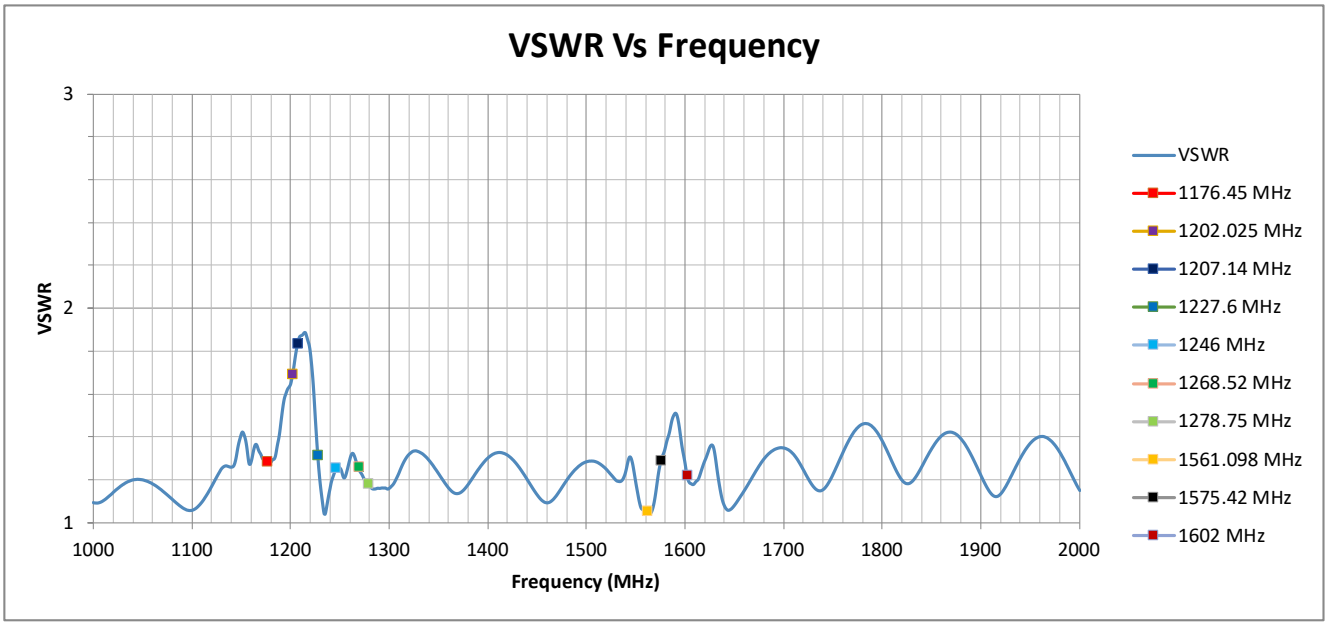
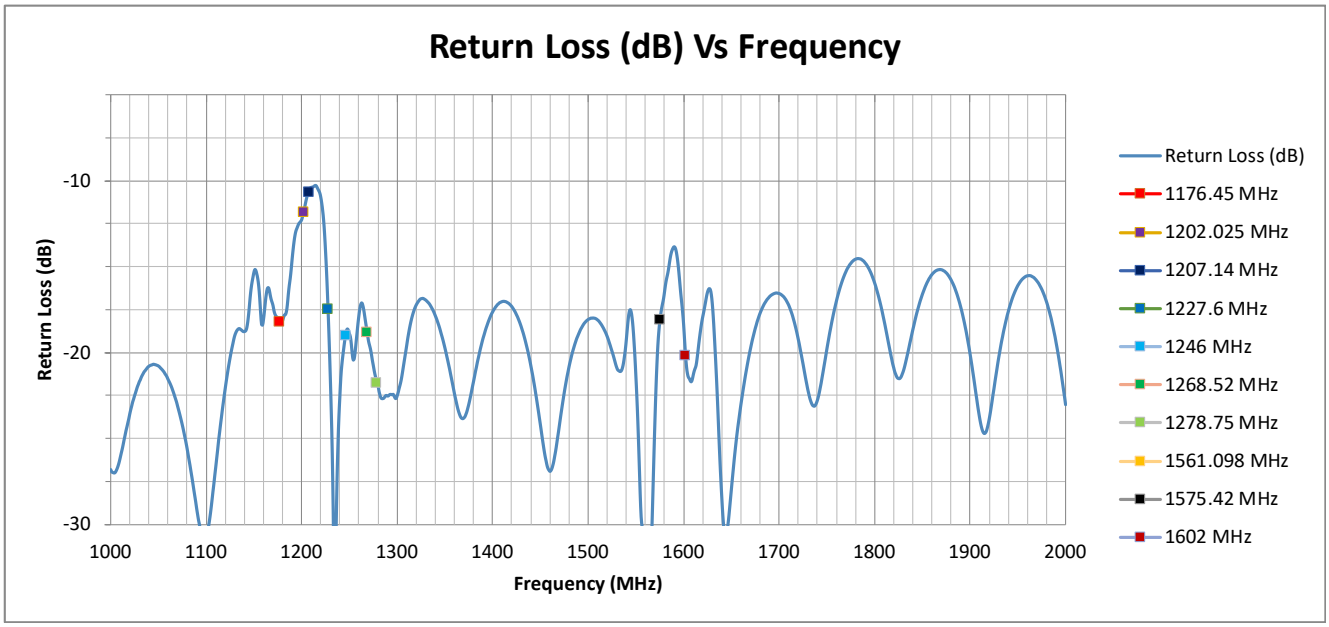
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

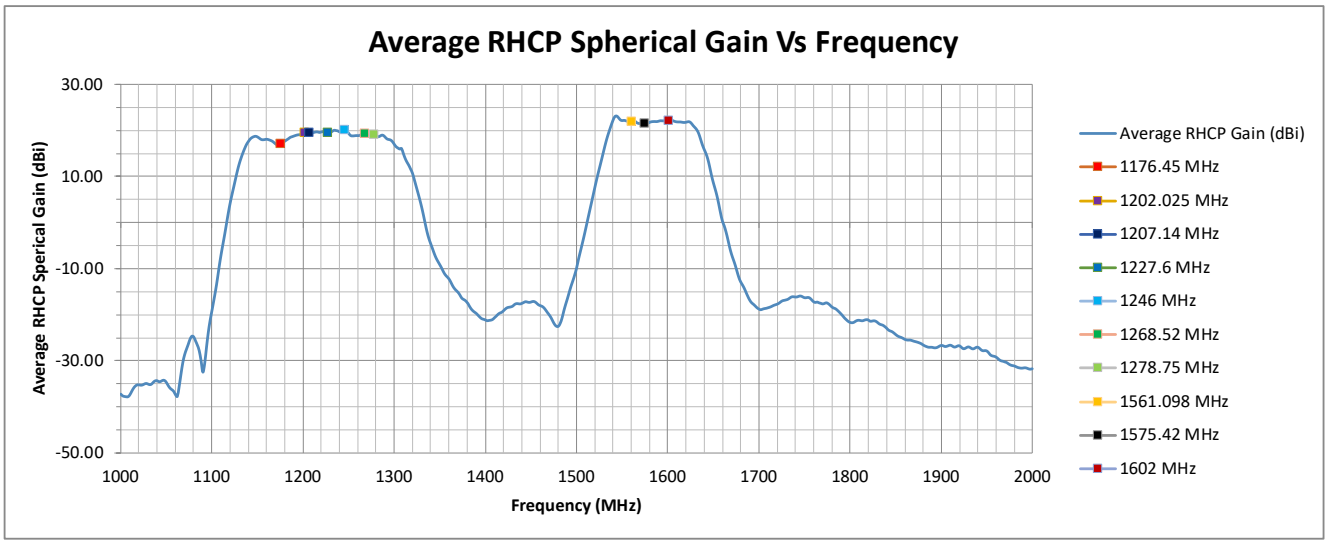
VSWR vs. Frequency [GNSS Ports]



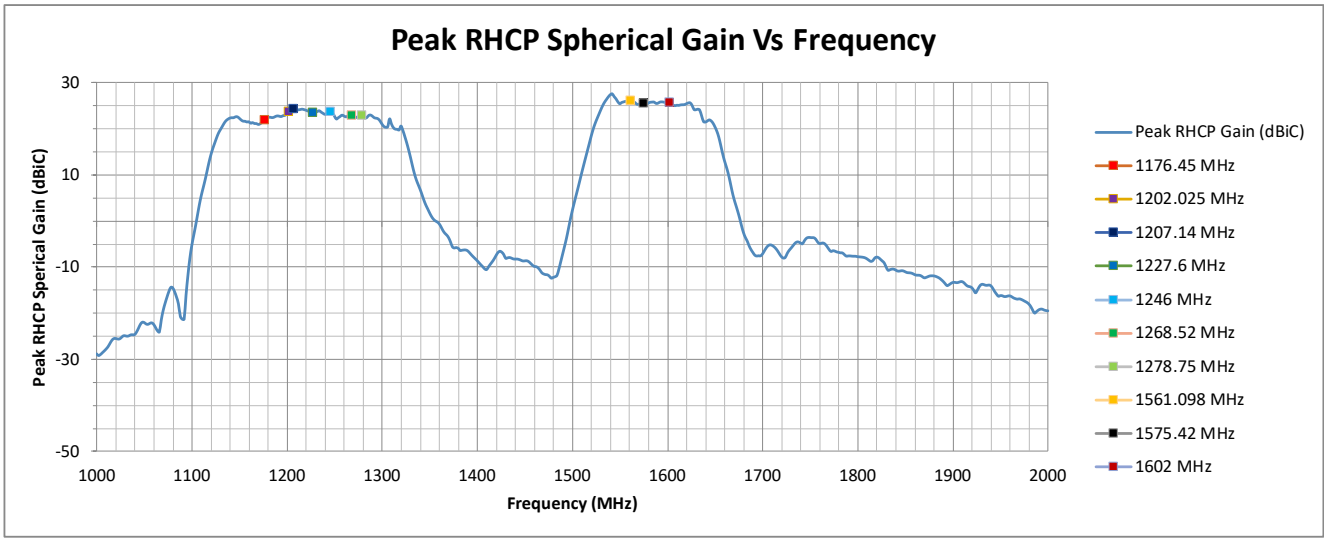
Return Loss vs. Frequency [GNSS Ports]



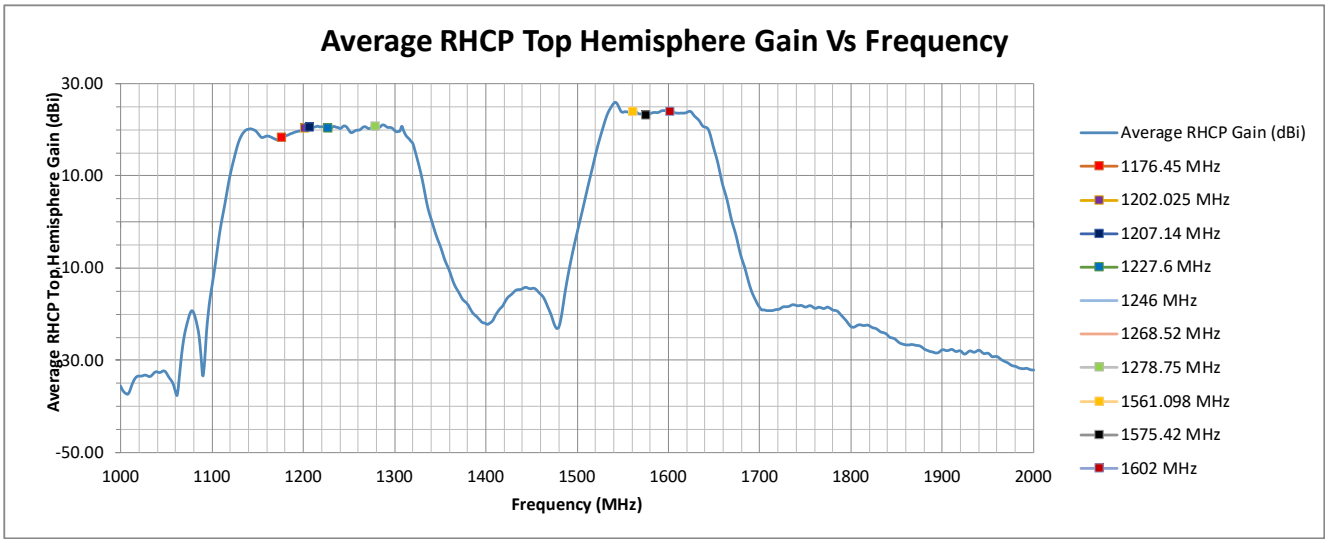
Spherical Gain vs. Frequency [GNSS Ports]



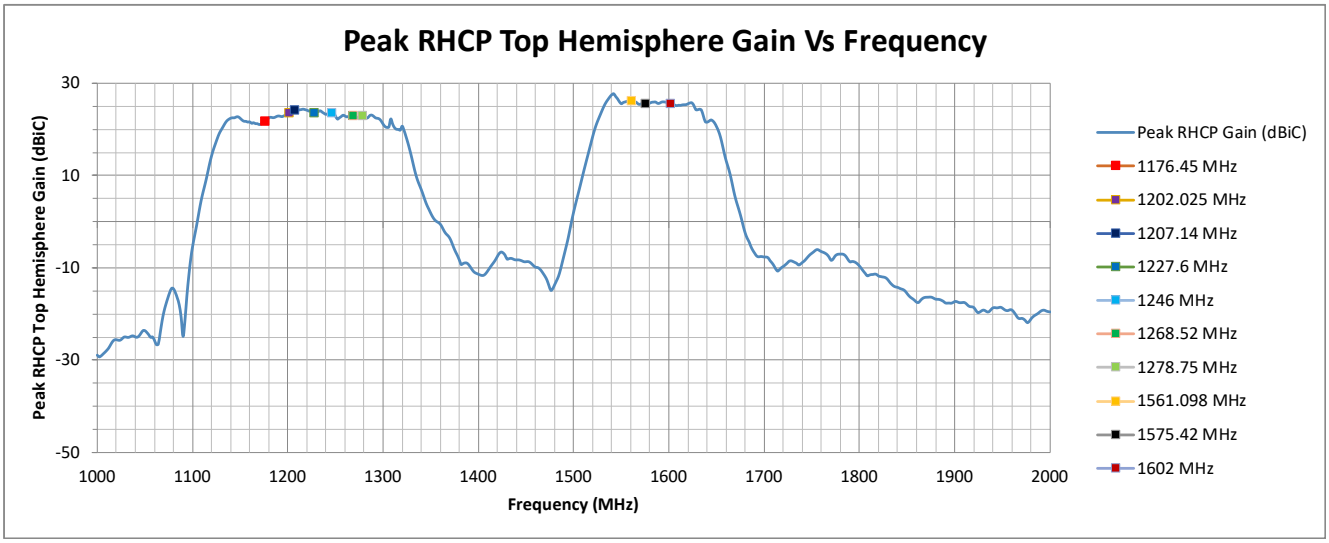
Peak Spherical Gain vs. Frequency [GNSS Ports]



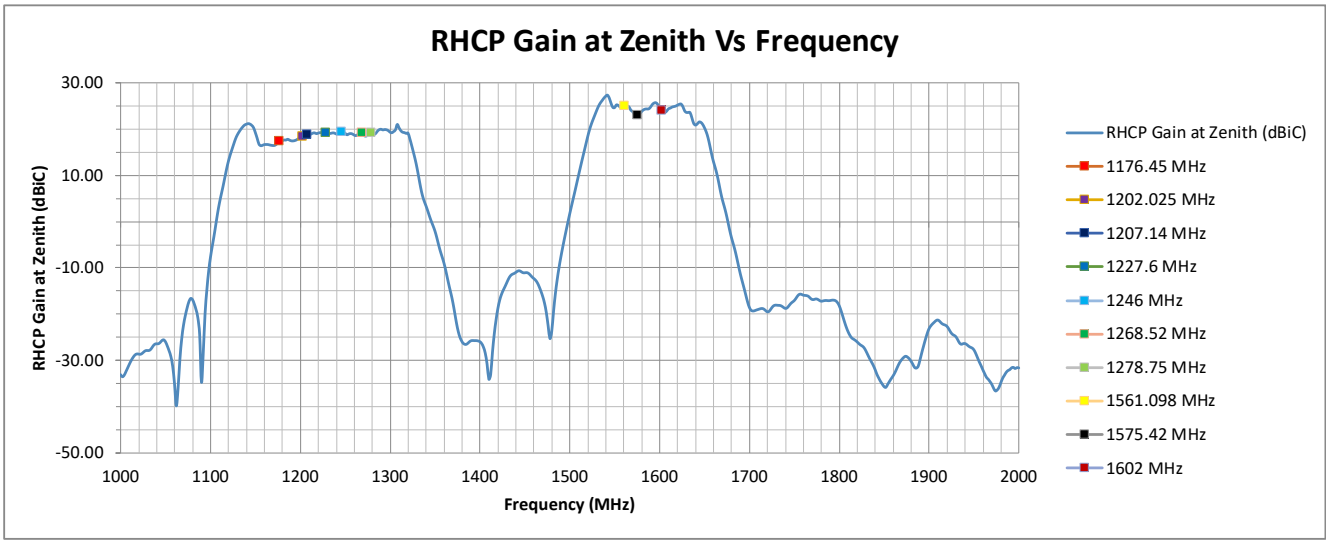
Top Hemisphere vs. Frequency [GNSS Ports]



Peak Top Hemisphere vs. Frequency [GNSS Ports]



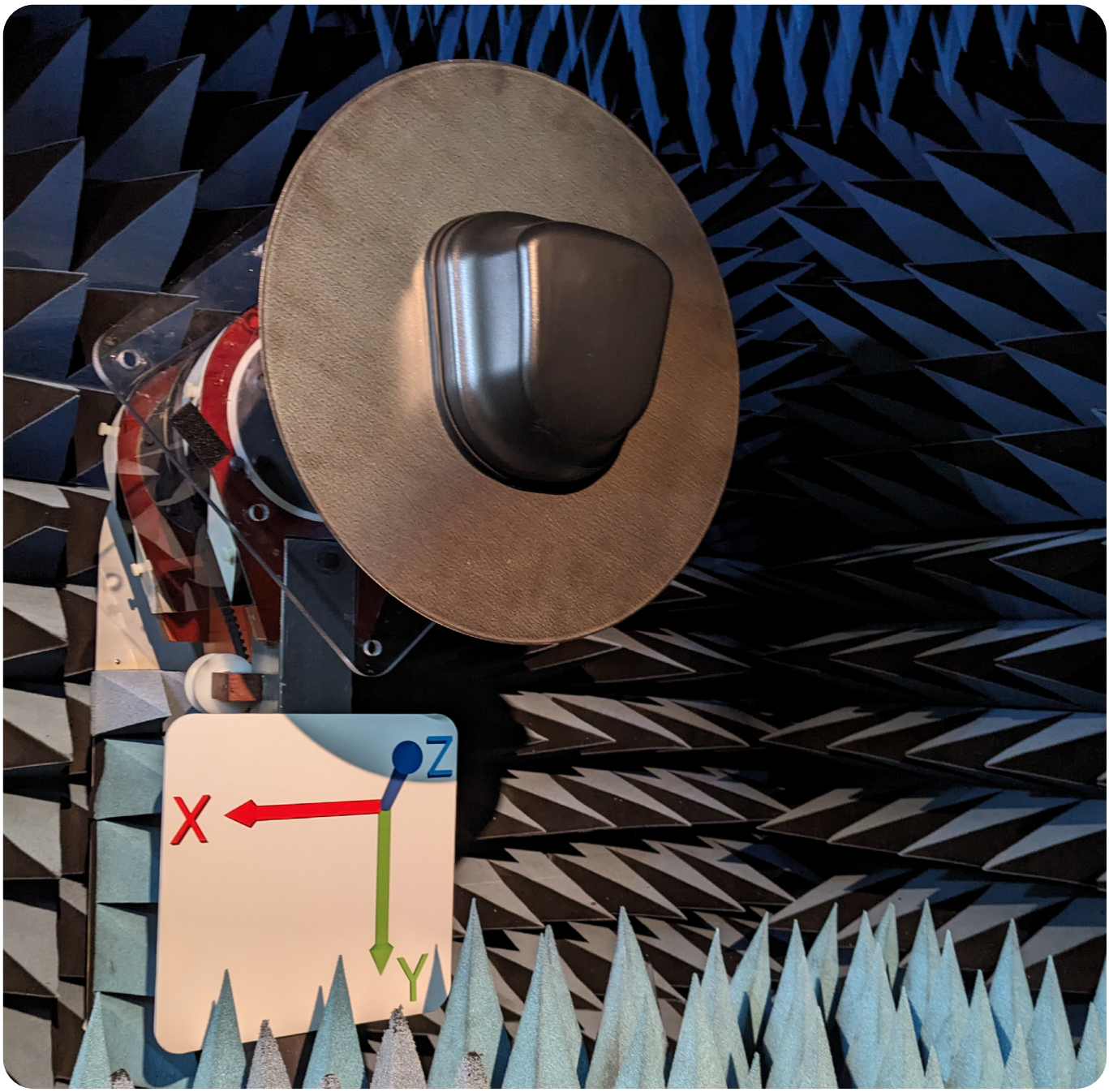
Zenith vs. Frequency [GNSS Ports]



Tango 55

Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

Test Setup (on 400 mm Ø Groundplane)



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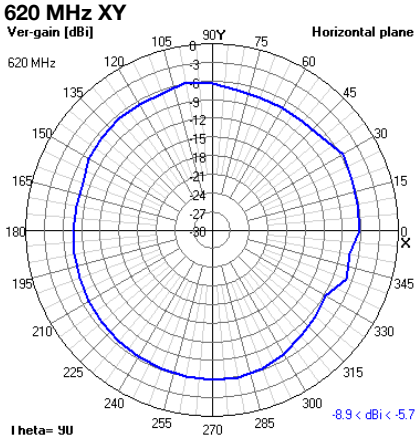
Tango 55

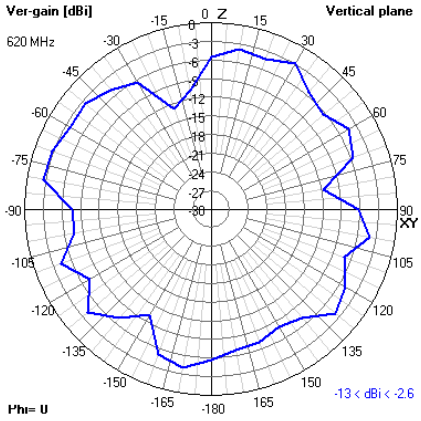
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

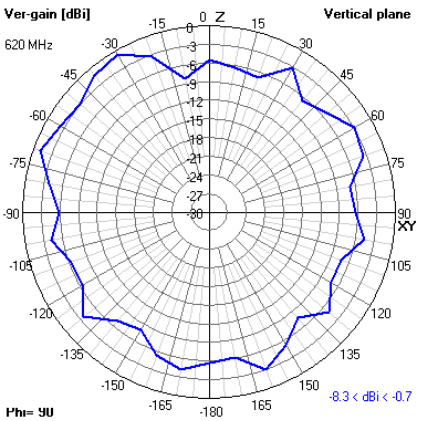
620 MHz XY



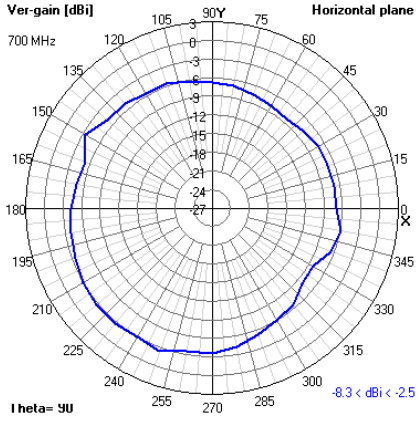
XZ



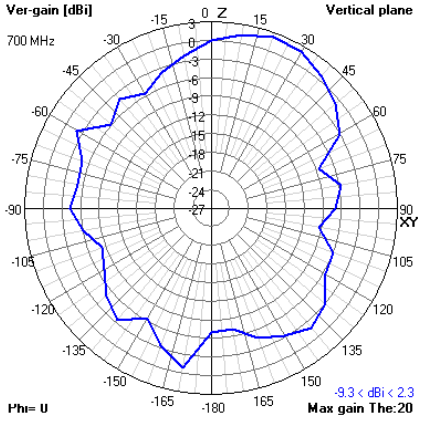
YZ



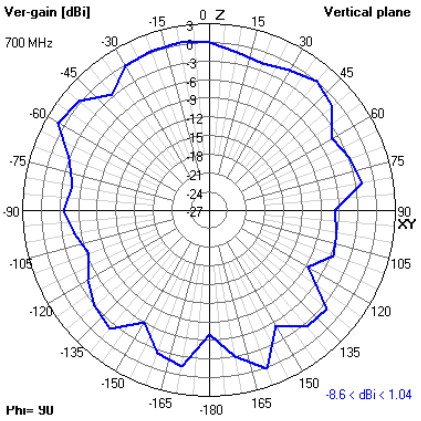
700 MHz XY



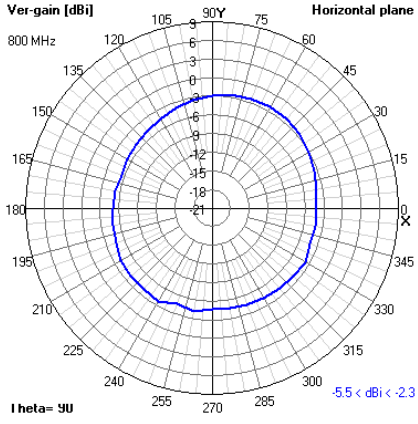
XZ



YZ



800 MHz XY



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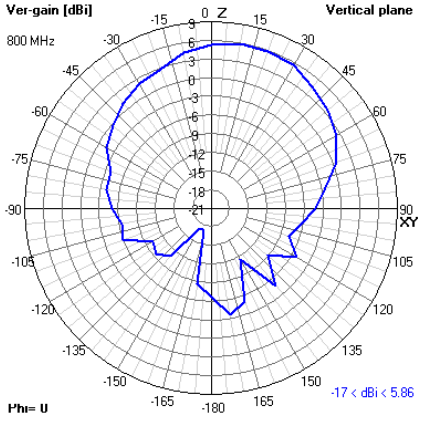

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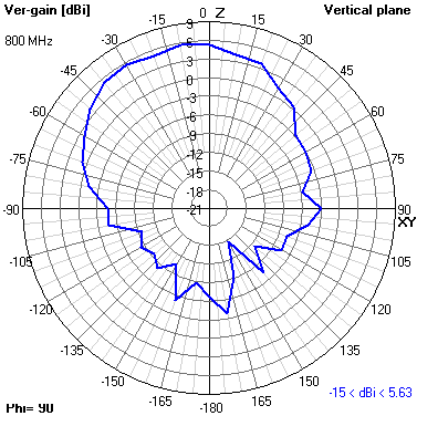

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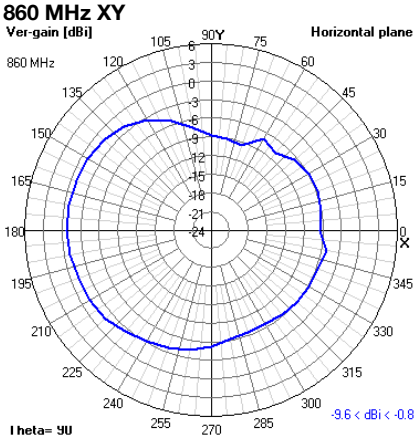
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

860 MHz XY



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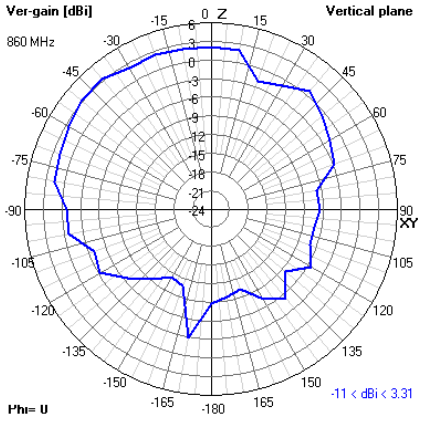

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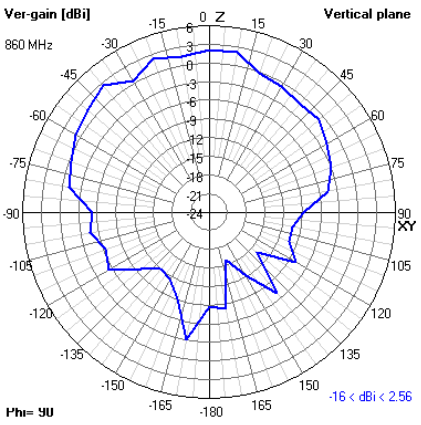
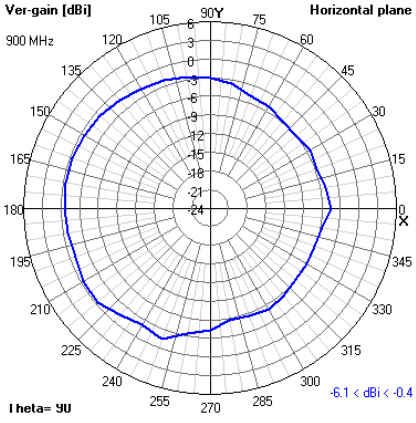
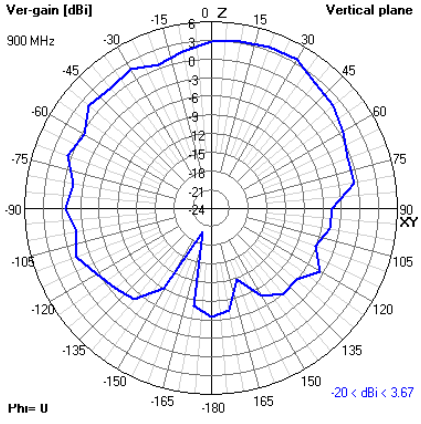


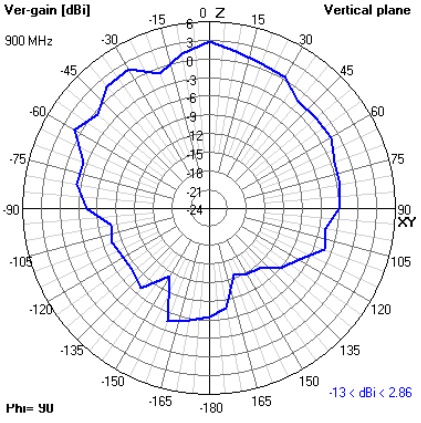
900 MHz XY



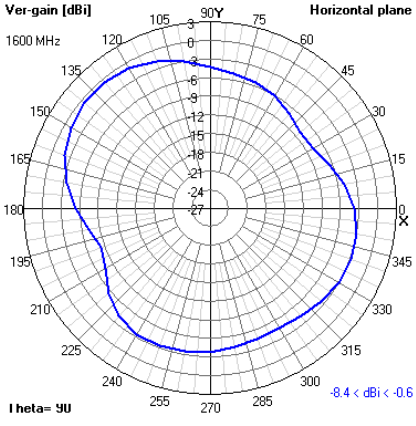
XZ



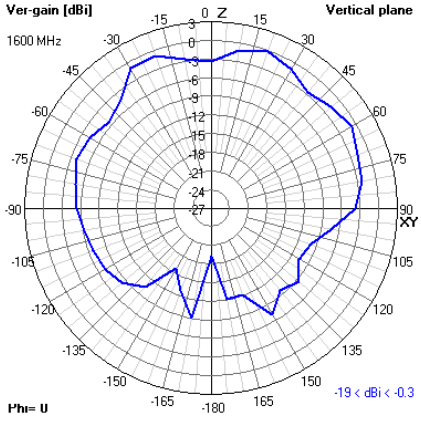
YZ



1600 MHz XY



XZ



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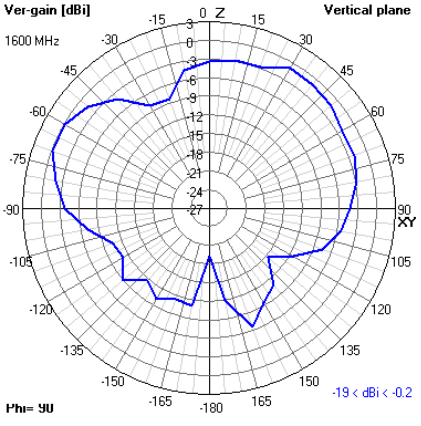

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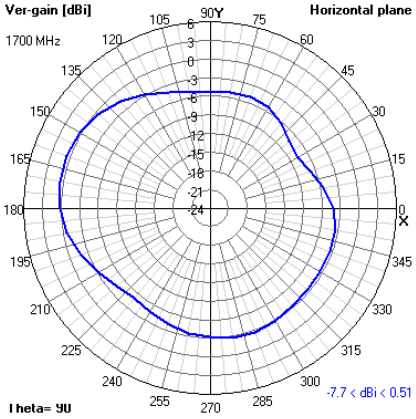
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

1700 MHz XY



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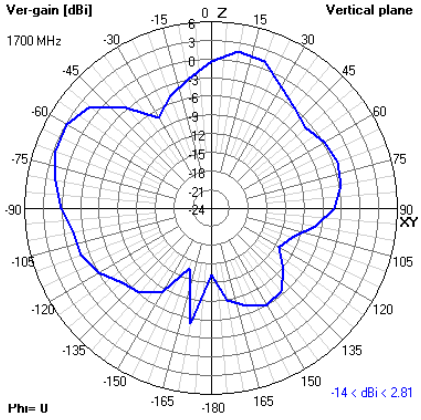

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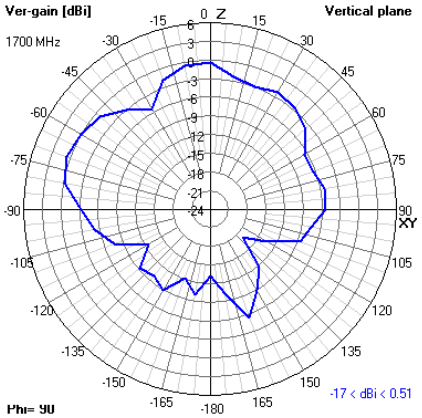
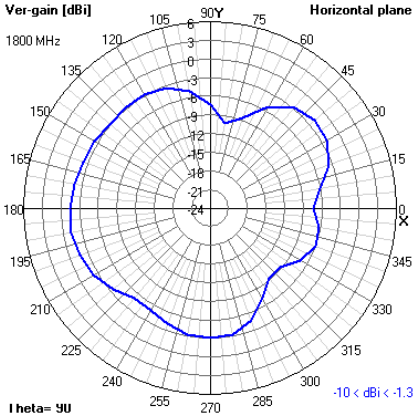
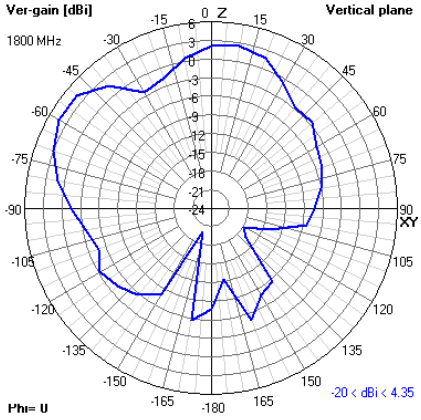


1800 MHz XY



XZ



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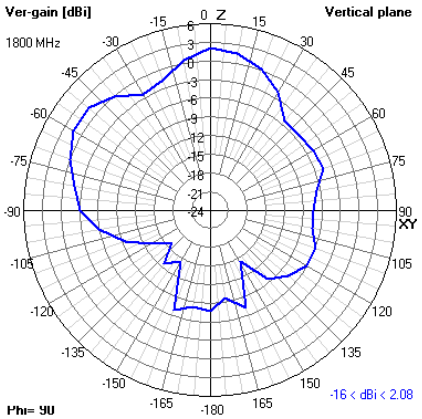
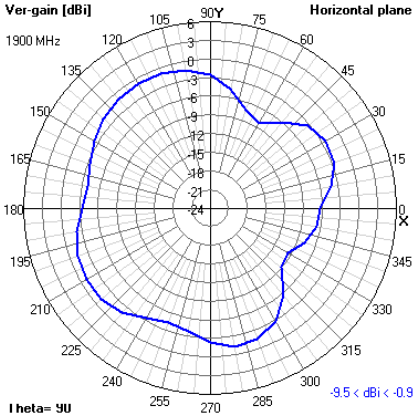


1900 MHz XY



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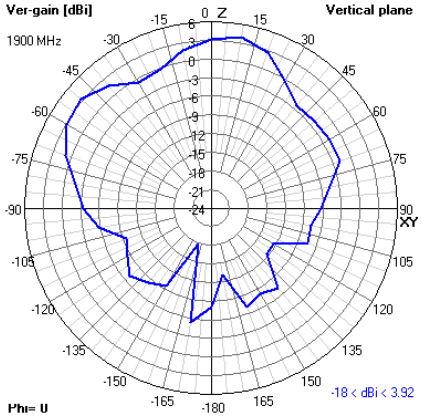

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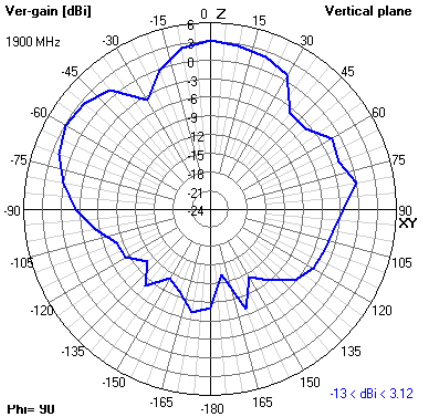

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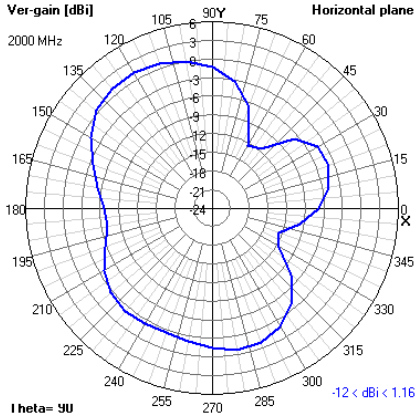
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

2000 MHz XY



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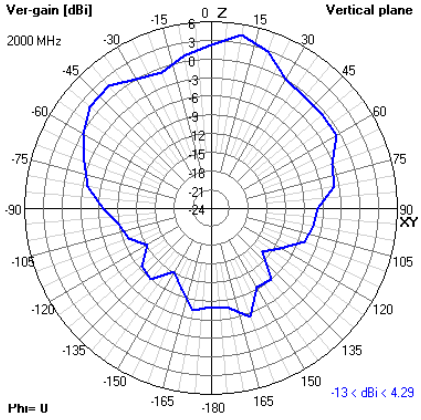

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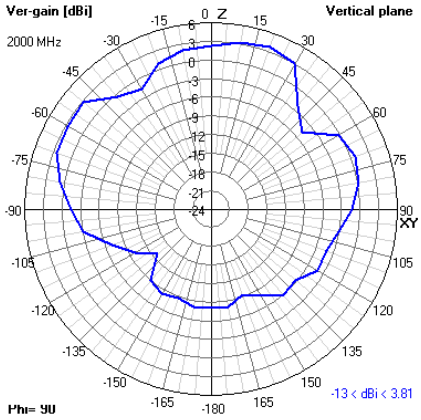
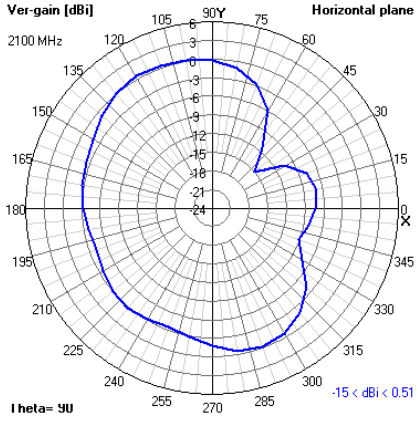
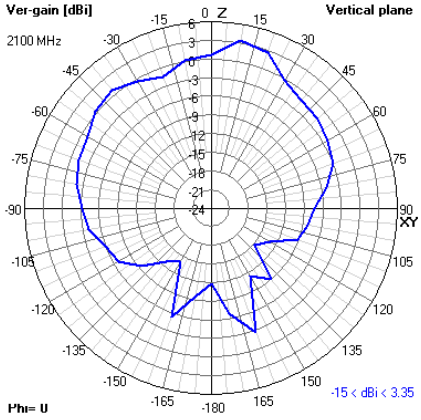


2100 MHz XY



XZ



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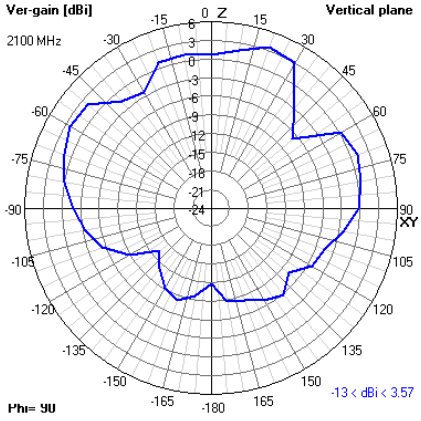
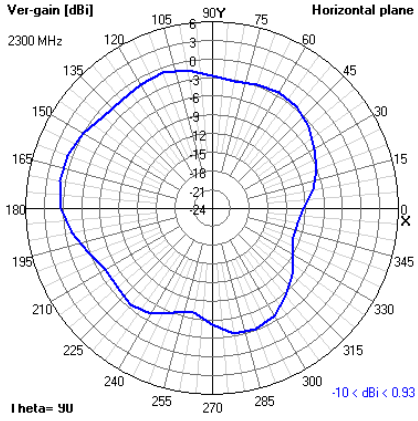


2300 MHz XY



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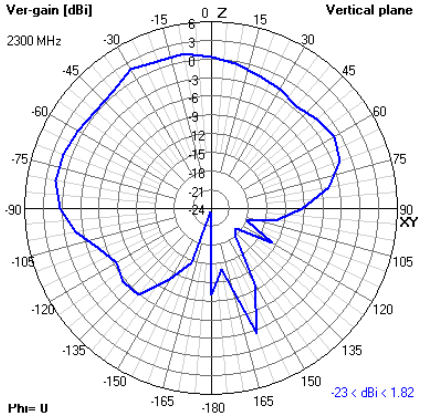

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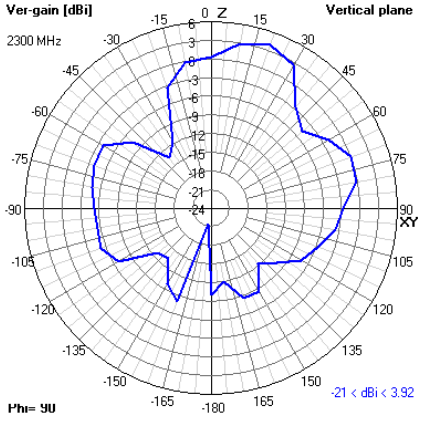

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Enabling Industrial IoT

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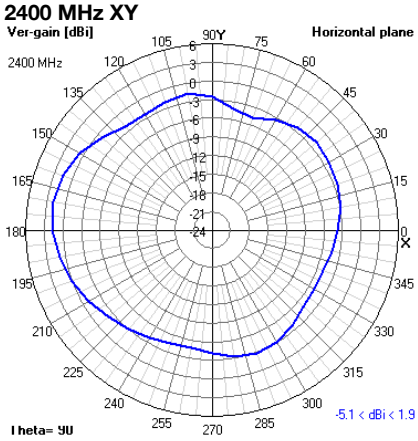
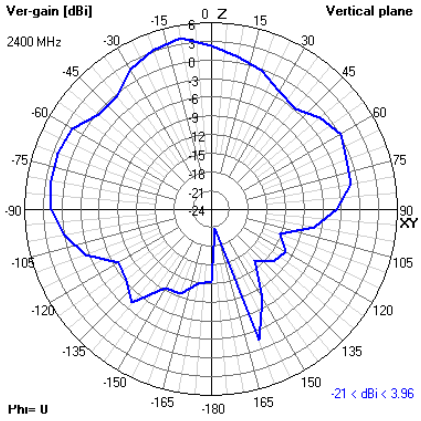
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

2400 MHz XY



XZ



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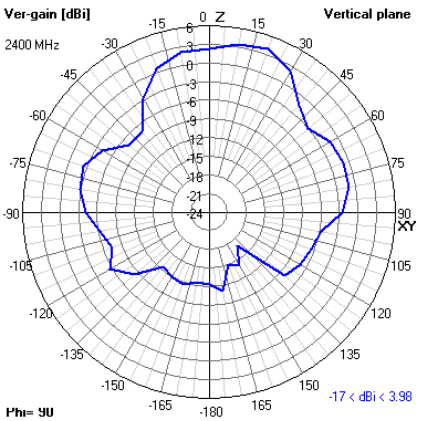
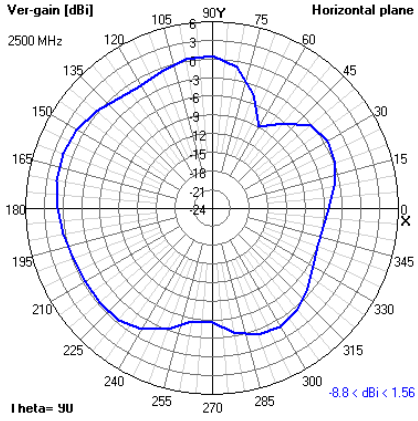
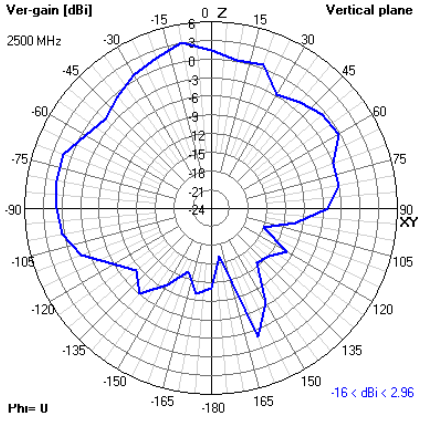


2500 MHz XY



XZ



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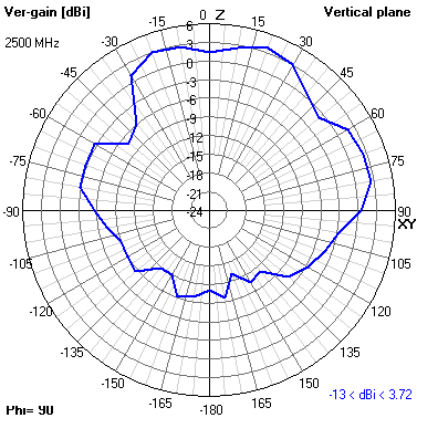
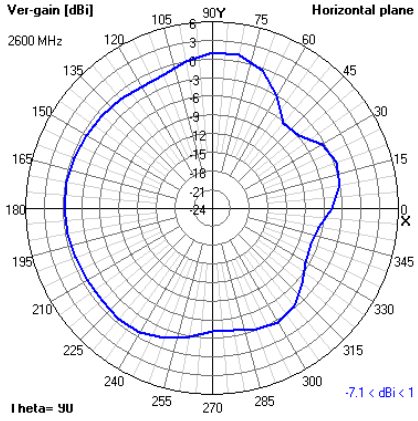


2600 MHz XY



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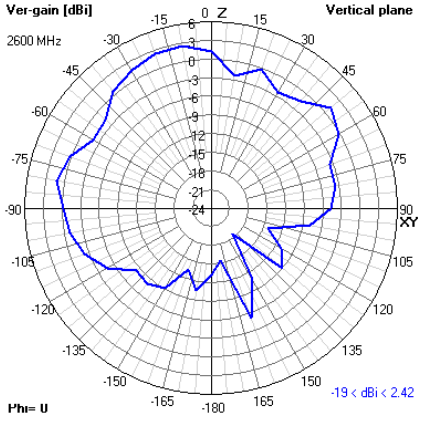

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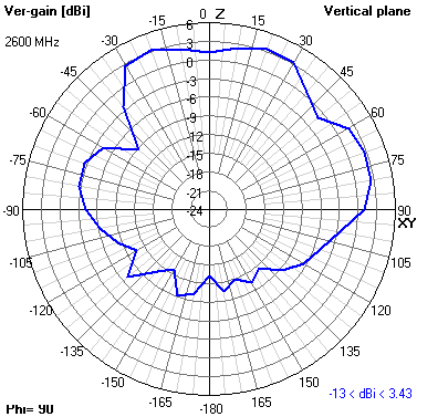

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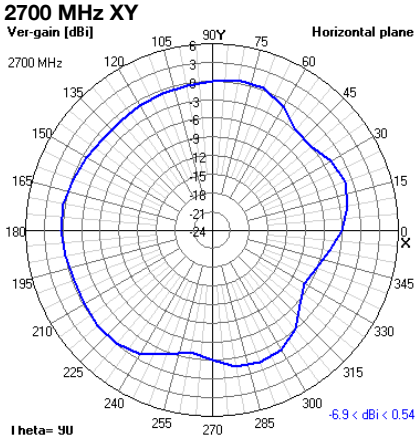
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

2700 MHz XY



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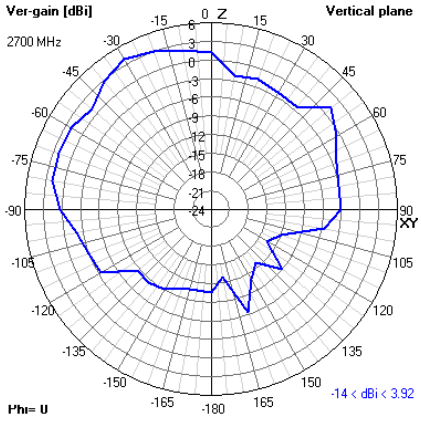
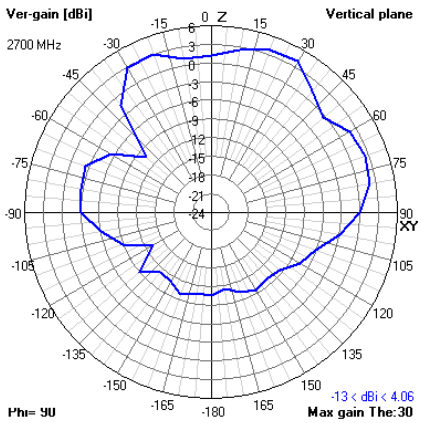
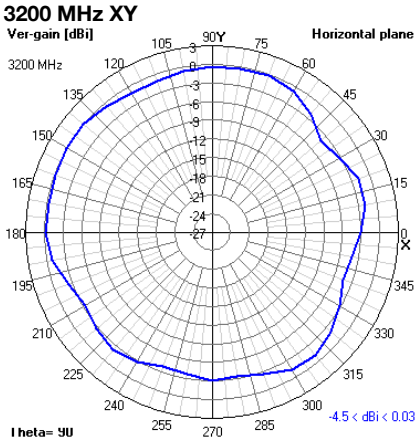


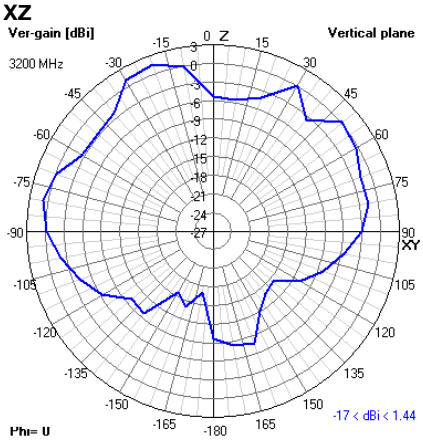
YZ



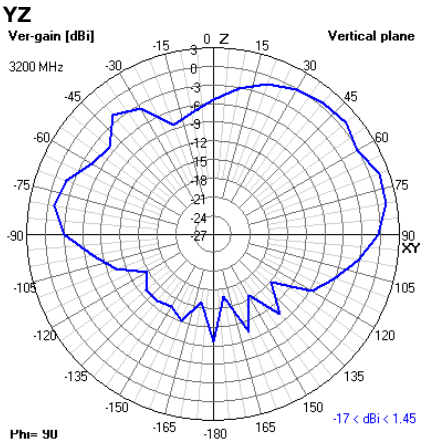
3200 MHz XY



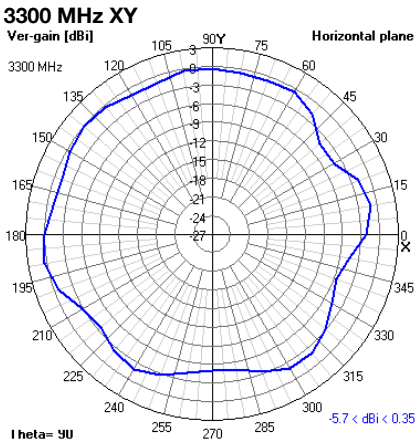
XZ



YZ



3300 MHz XY



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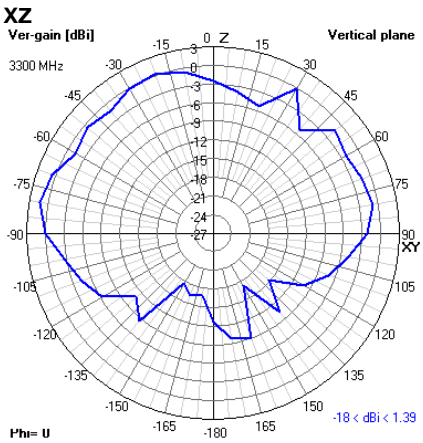

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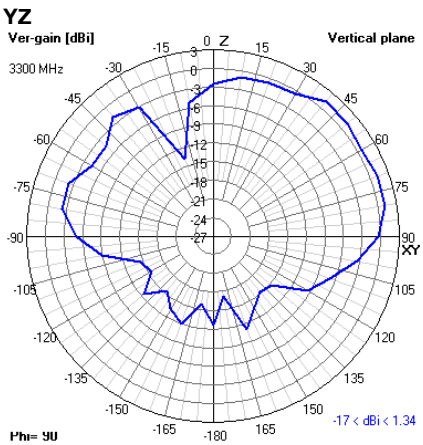

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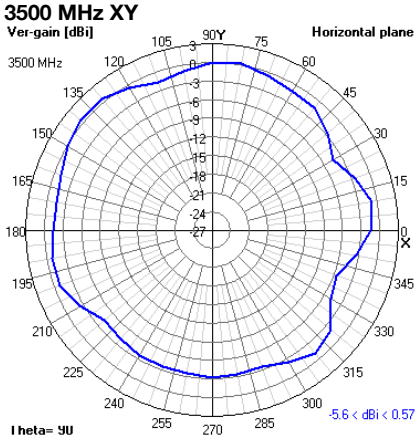
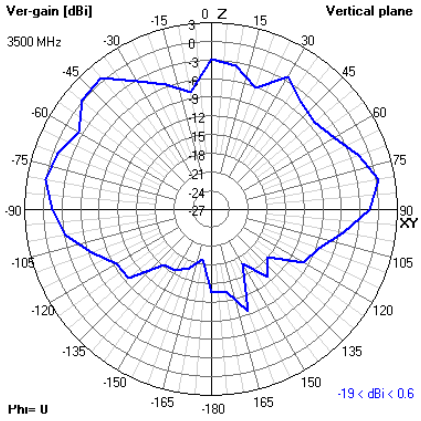
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

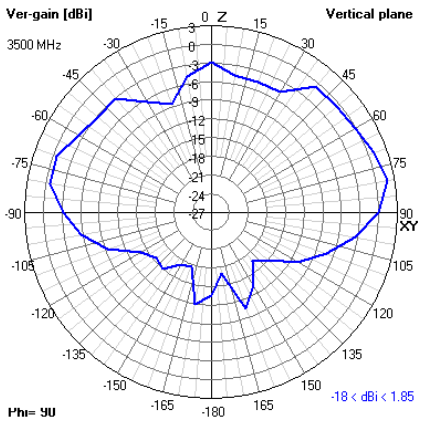
3500 MHz XY



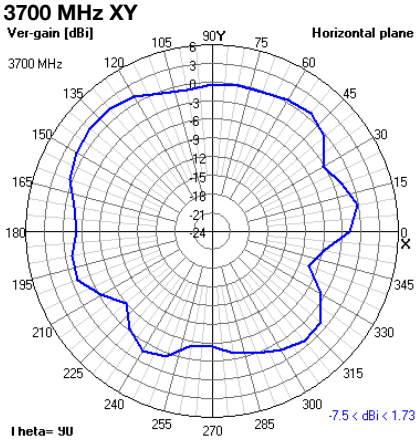
XZ



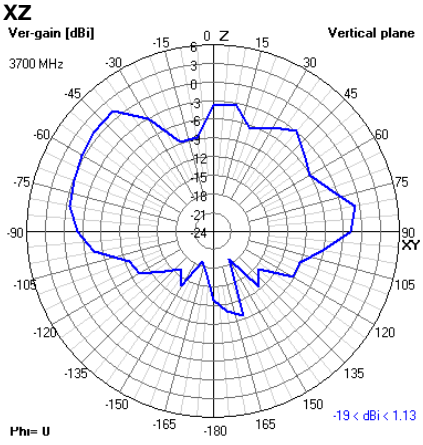
YZ



3700 MHz XY



XZ



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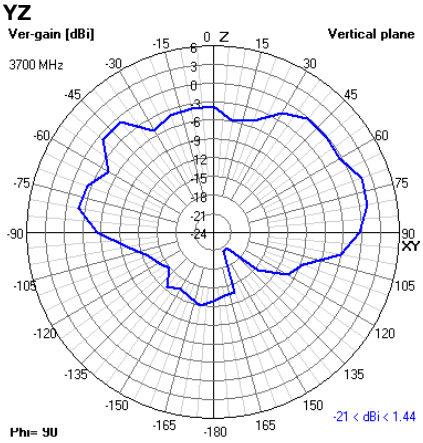
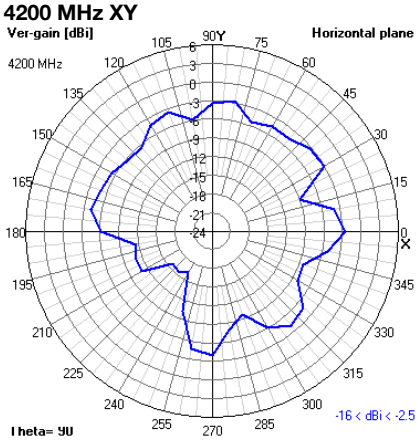


4200 MHz XY



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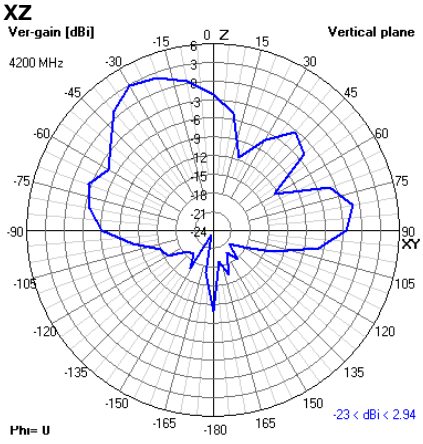

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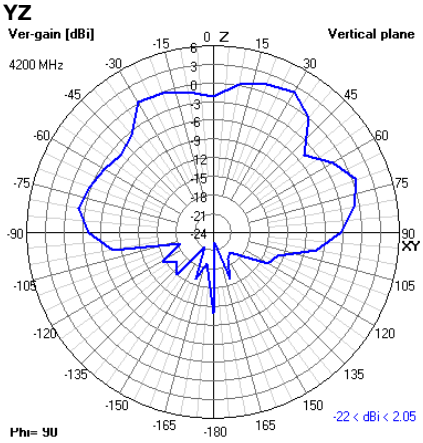

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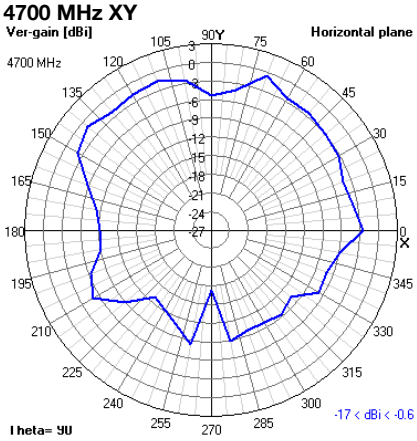
Tango 55

Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Cellular]

4700 MHz XY



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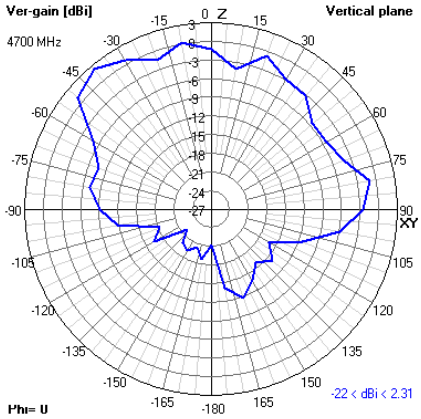

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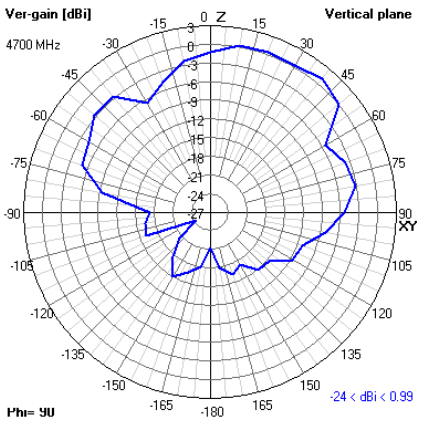

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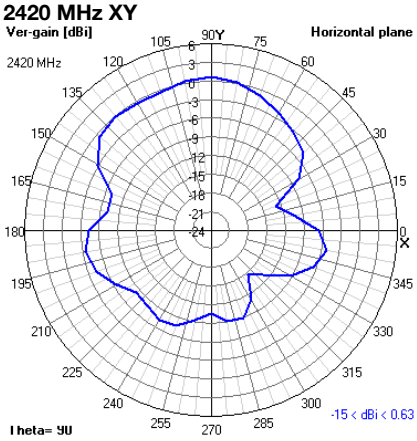
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Wi-Fi]

2420 MHz XY



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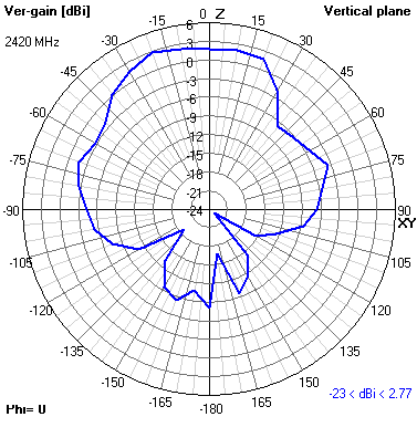
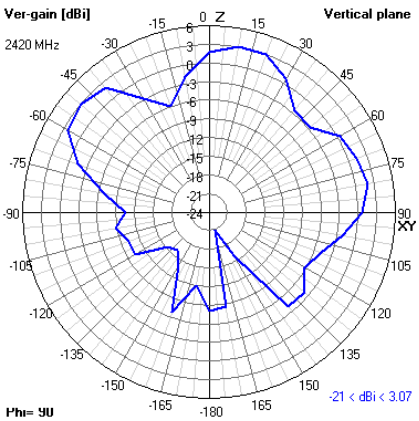
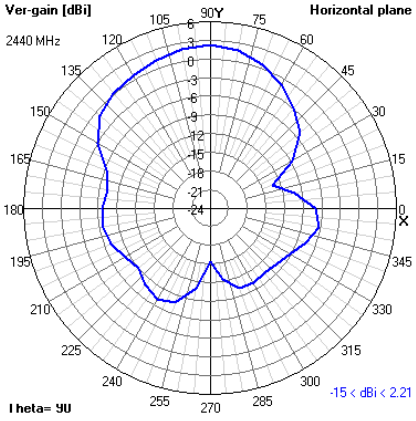


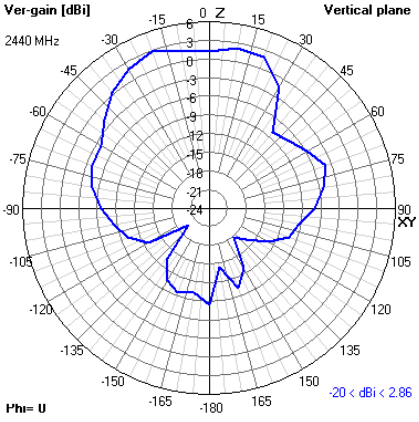
YZ



2440 MHz XY



XZ



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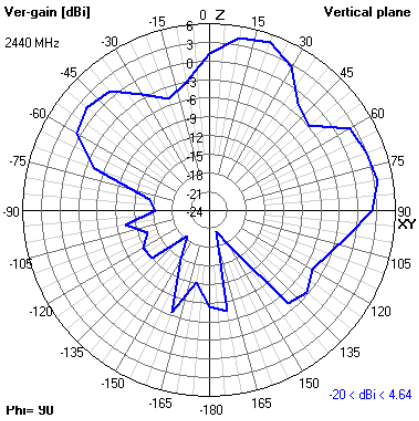
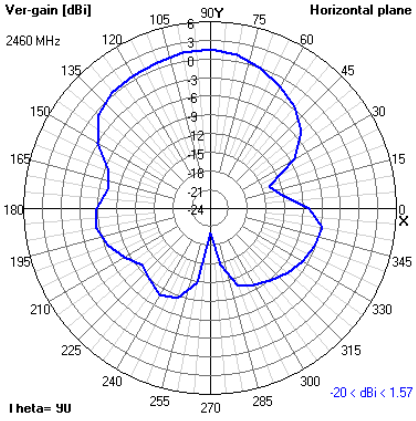


2460 MHz XY



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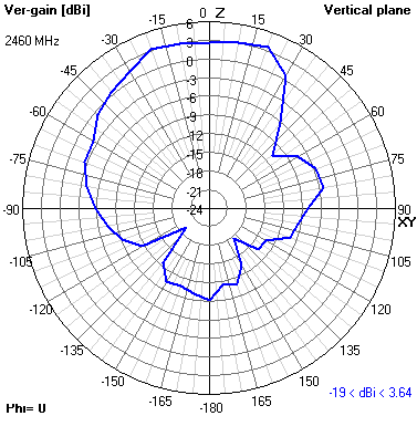

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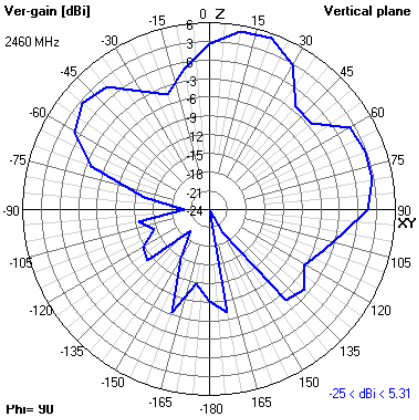
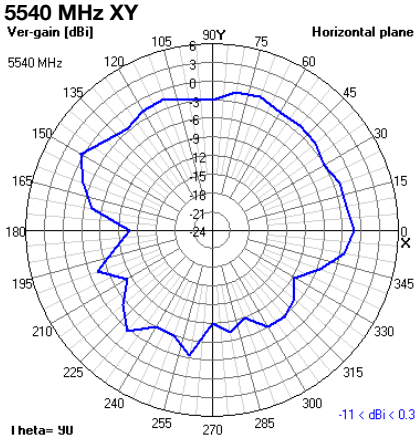


Tango 55

Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Wi-Fi]

5540 MHz XY



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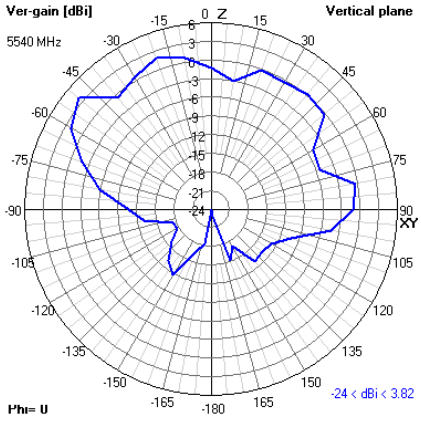

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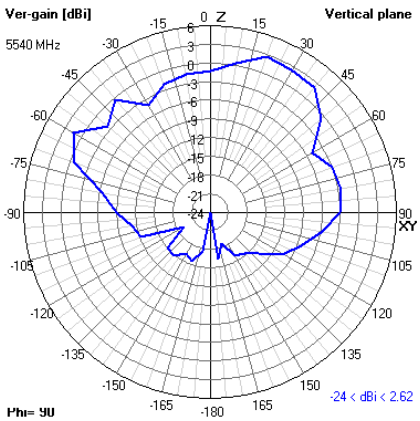
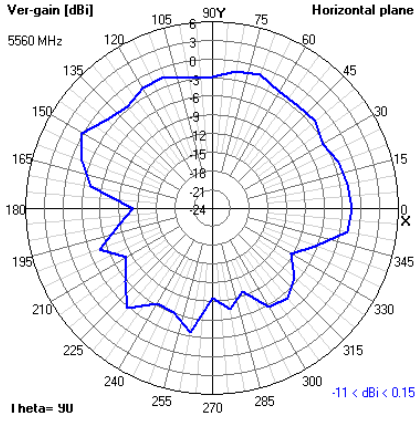
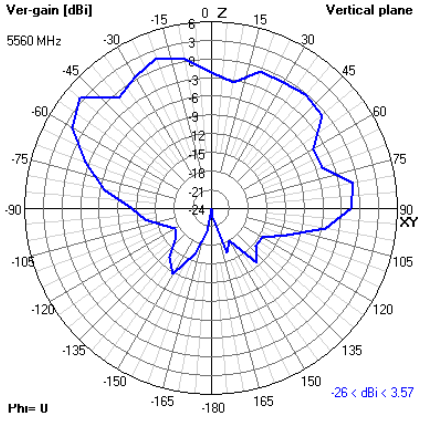


5560 MHz XY



XZ



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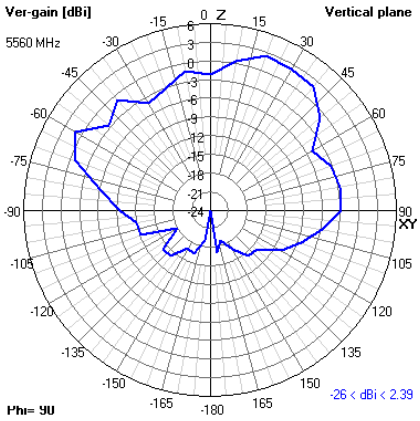
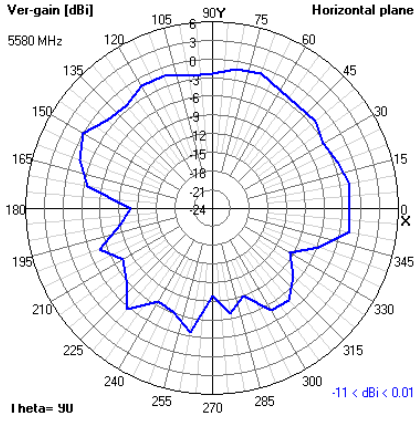


5580 MHz XY



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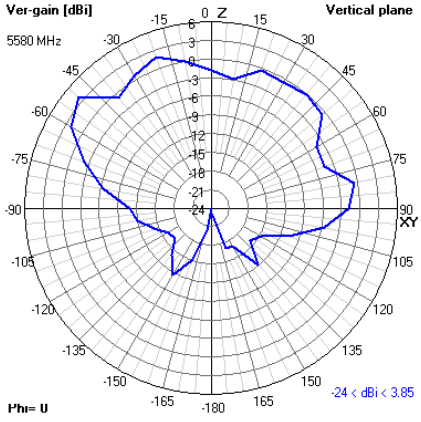

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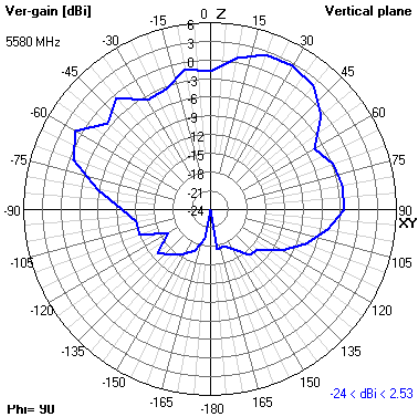

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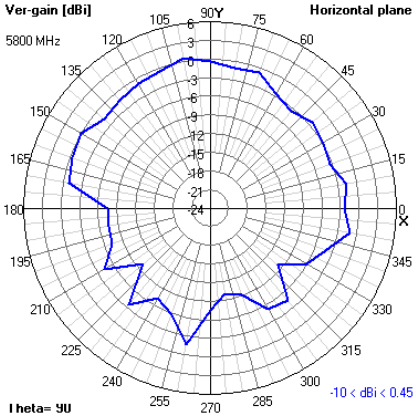
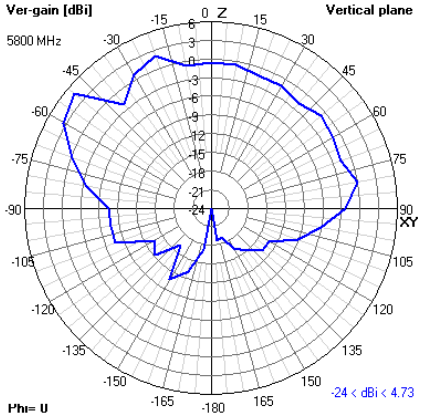
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Wi-Fi]

5800 MHz XY



XZ



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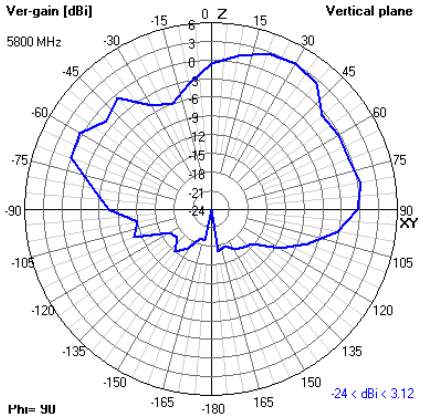
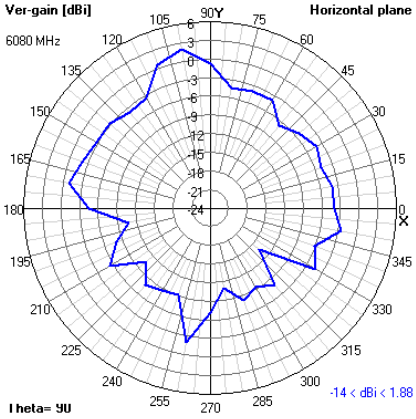


6080 MHz XY



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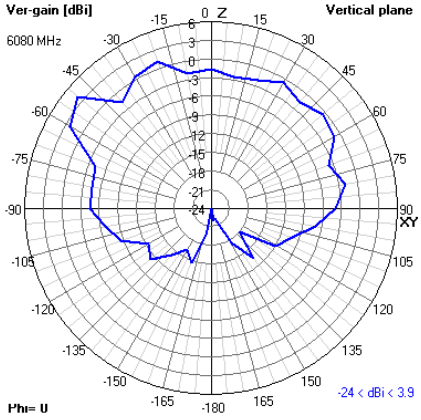

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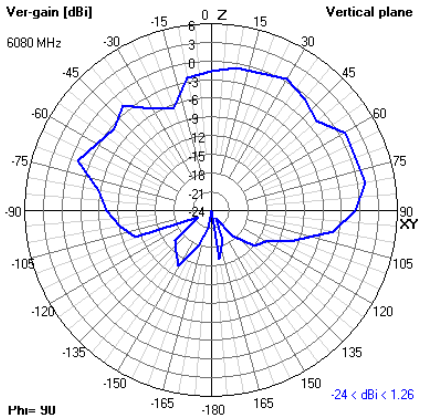
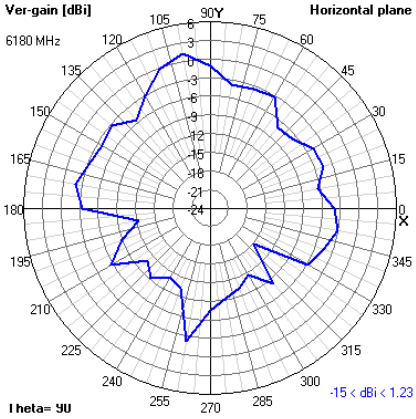


6180 MHz XY



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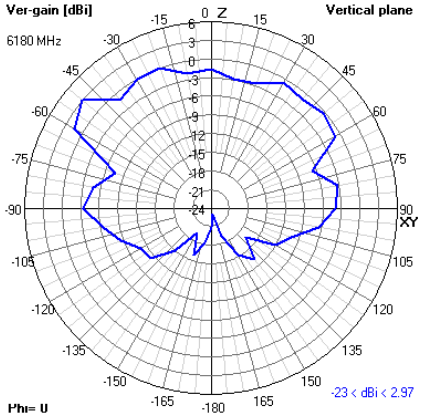

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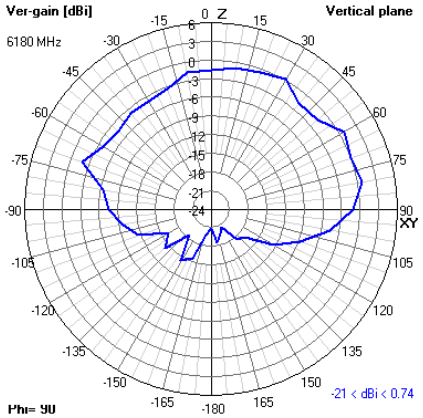

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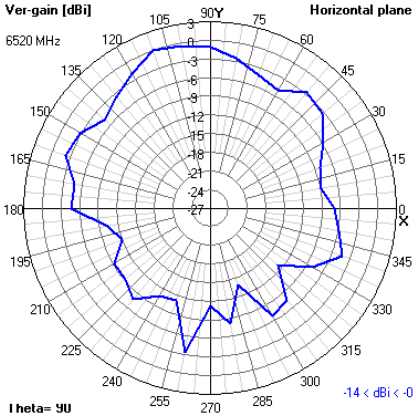
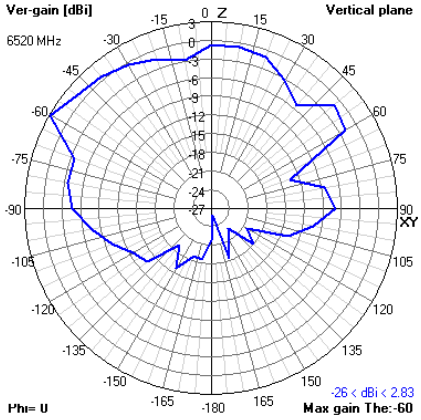
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [Wi-Fi]

6520 MHz XY



XZ



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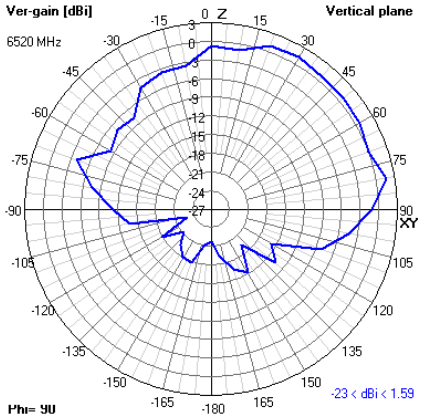
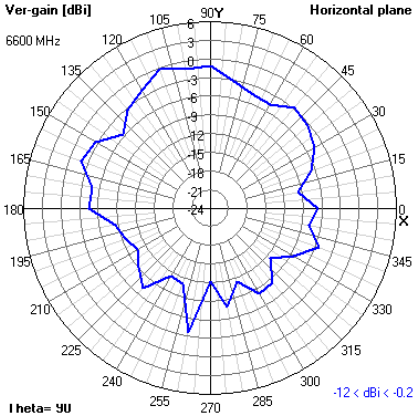


6600 MHz XY



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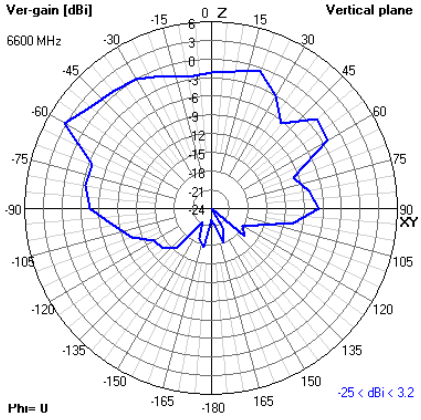

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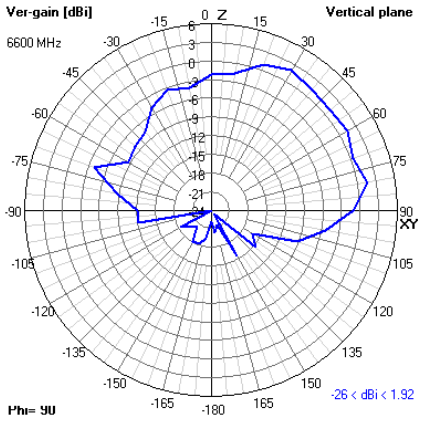
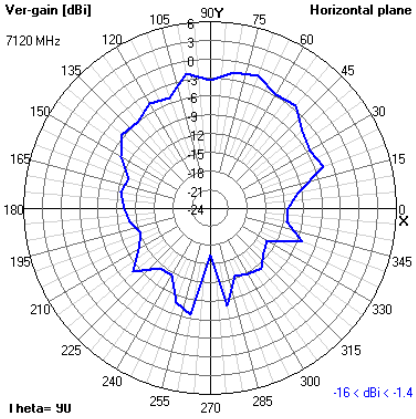


7120 MHz XY



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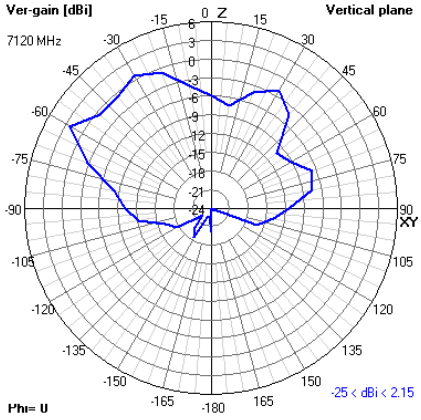

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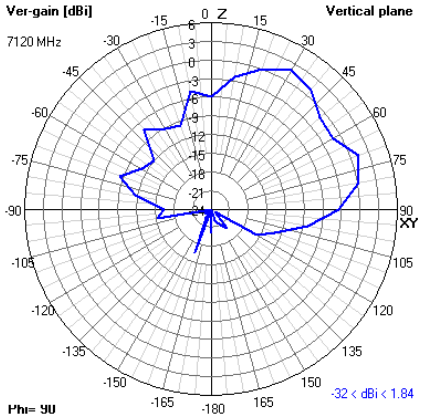

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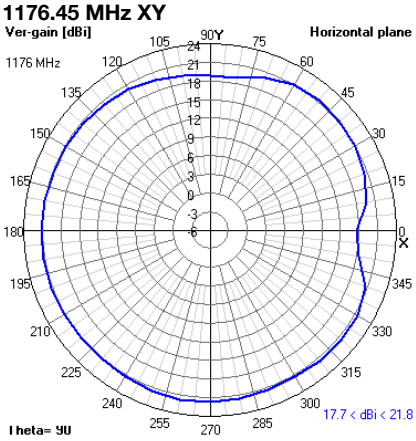
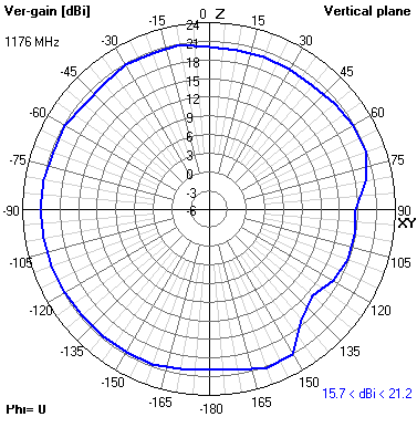
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

2D Radiation Plots [GNSS]

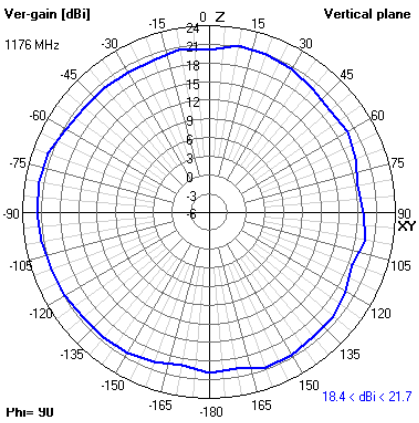
1176.45 MHz XY



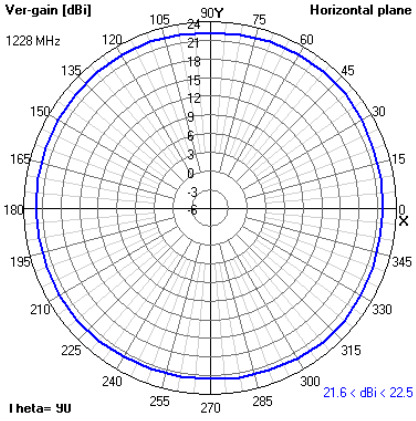
XZ



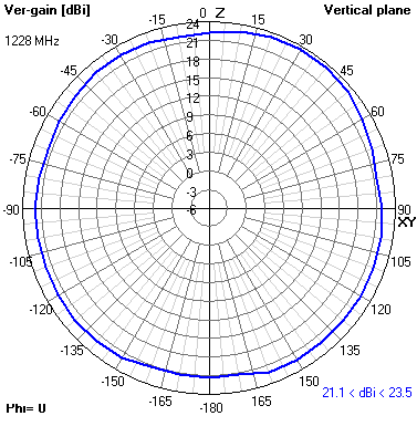
YZ



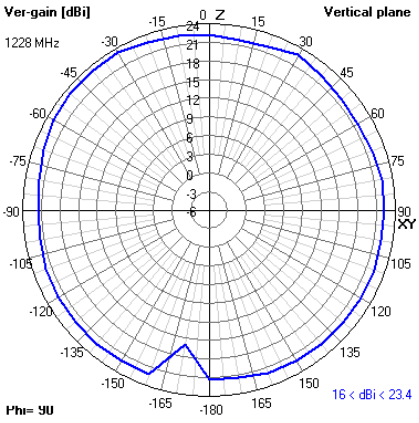
1227.60 MHz XY



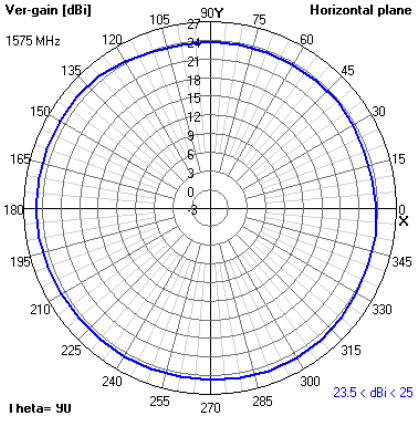
XZ



YZ



1575.42 MHz XY



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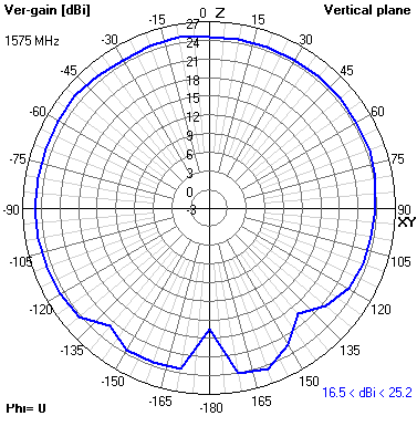

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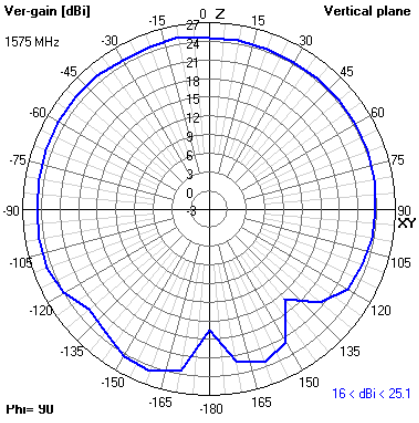
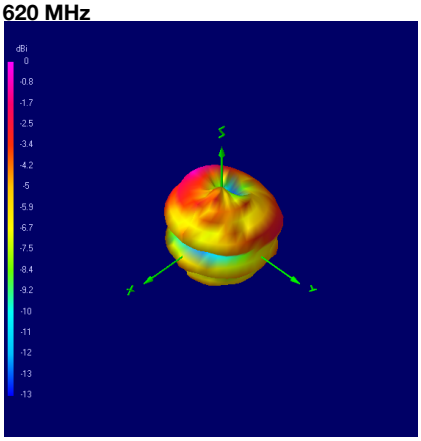


Tango 55

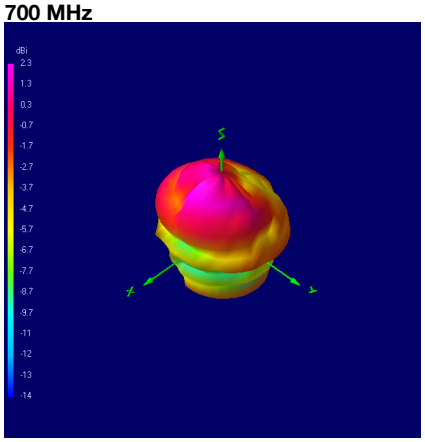
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

3D Radiation Plots [Cellular]

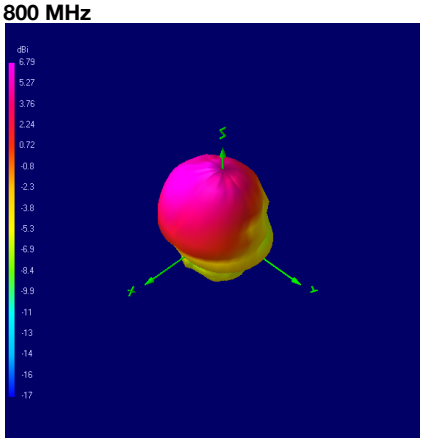
620 MHz



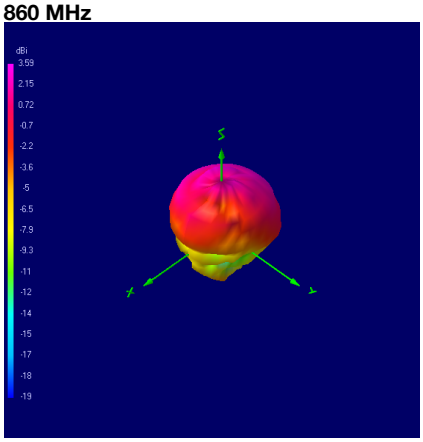
700 MHz



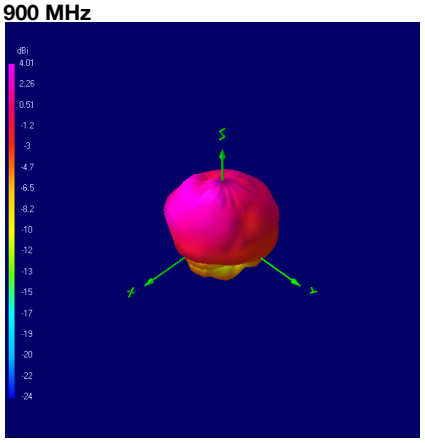
800 MHz



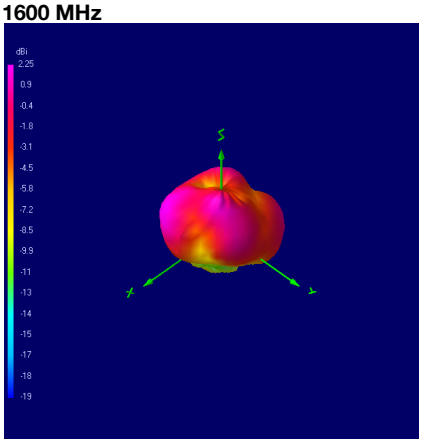
860 MHz



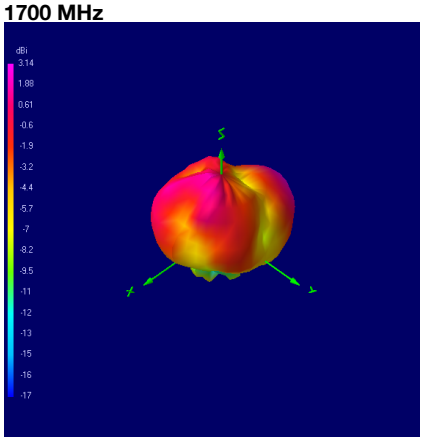
900 MHz



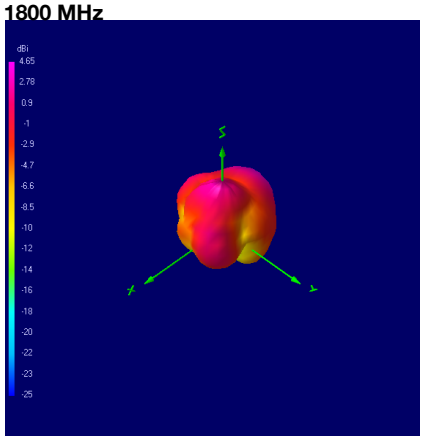
1600 MHz



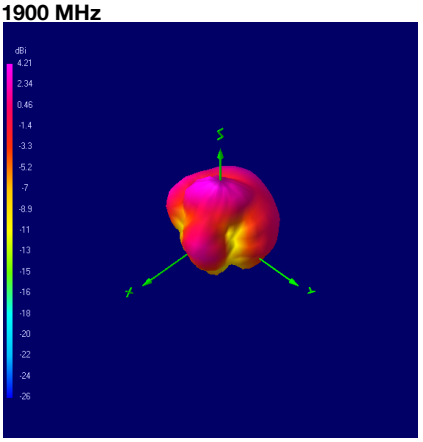
1700 MHz



1800 MHz



1900 MHz



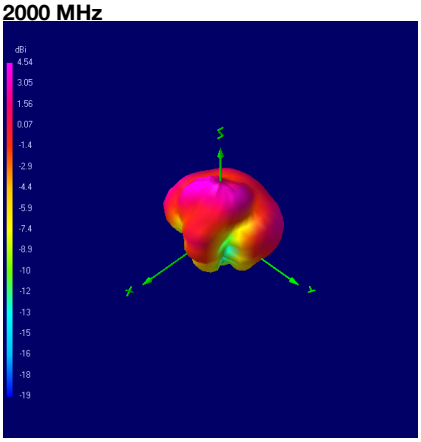
NOTE: All 3D radiation plots are shown with Theta = 45 and Phi = 45.

Tango 55

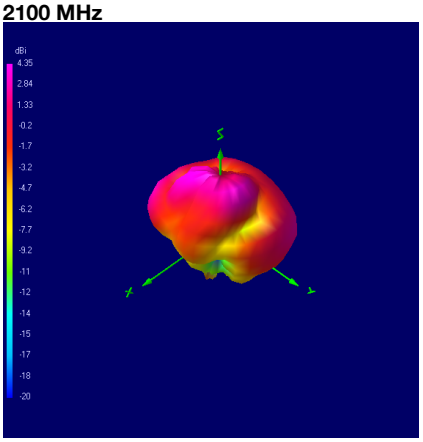
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

3D Radiation Plots [Cellular]

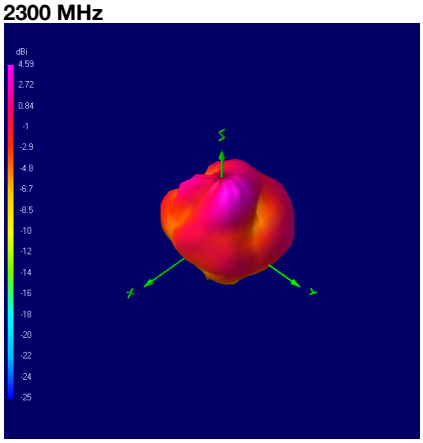
2000 MHz



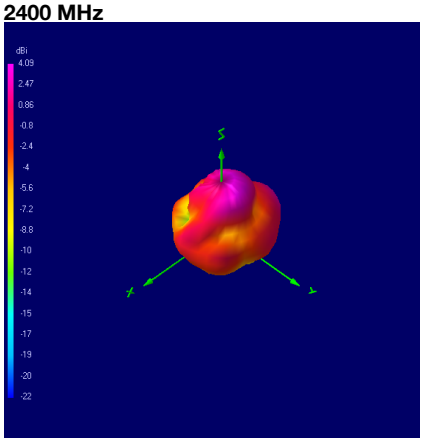
2100 MHz



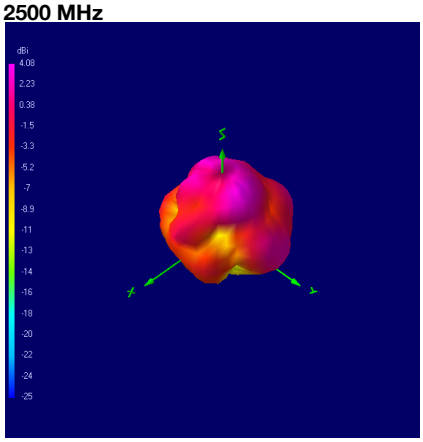
2300 MHz



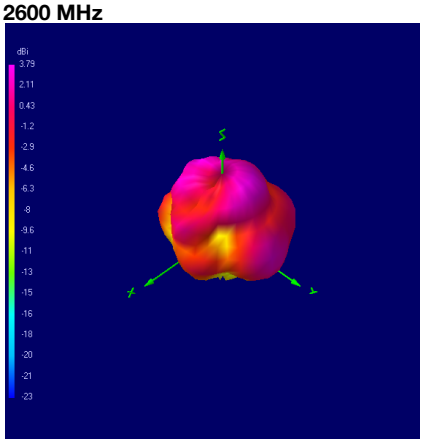
2400 MHz



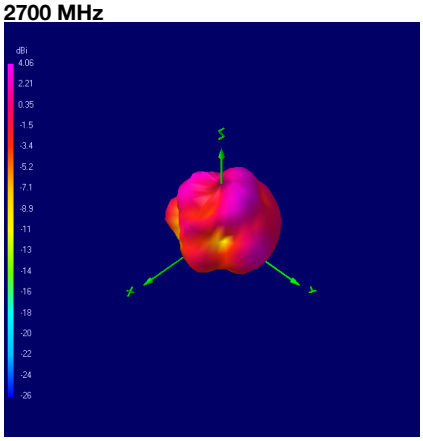
2500 MHz



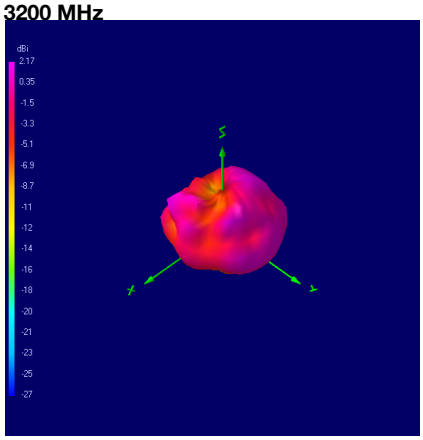
2600 MHz



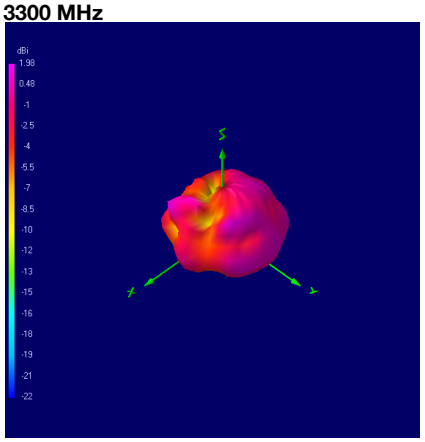
2700 MHz



3200 MHz



3300 MHz



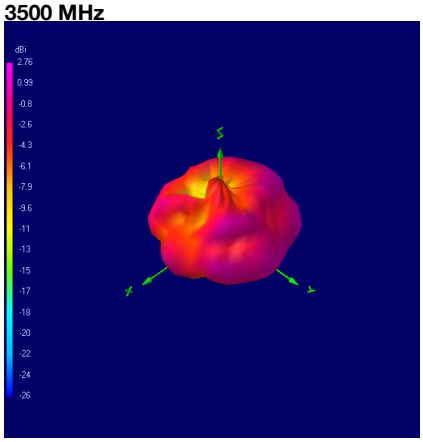
NOTE: All 3D radiation plots are shown with Theta = 45 and Phi = 45.

Tango 55

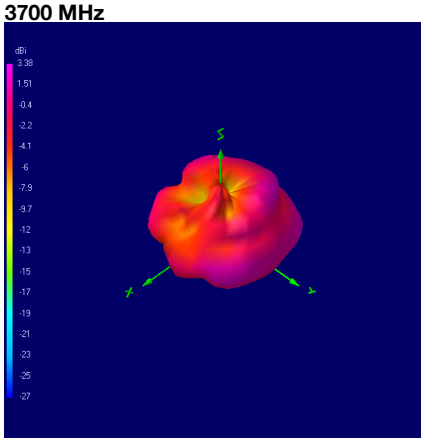
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

3D Radiation Plots [Cellular]

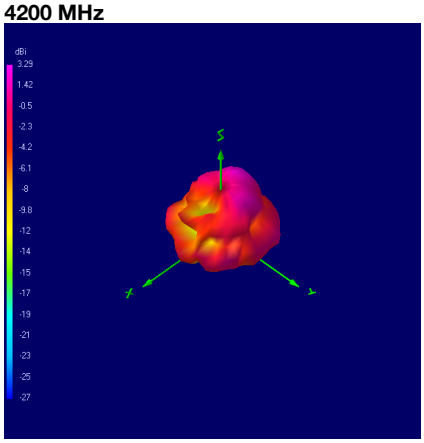
3500 MHz



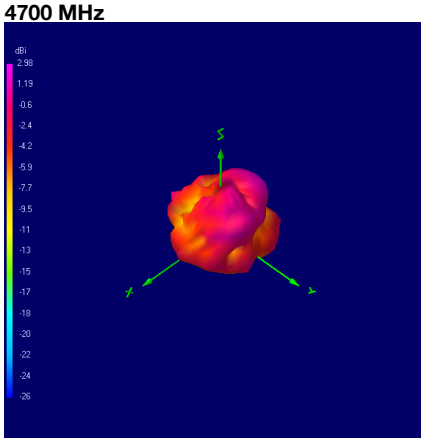
3700 MHz



4200 MHz



4700 MHz



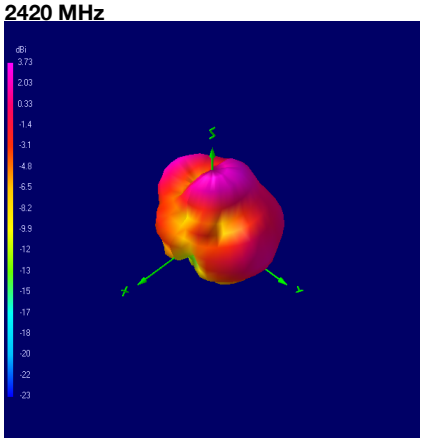
NOTE: All 3D radiation plots are shown with Theta = 45 and Phi = 45.

Tango 55

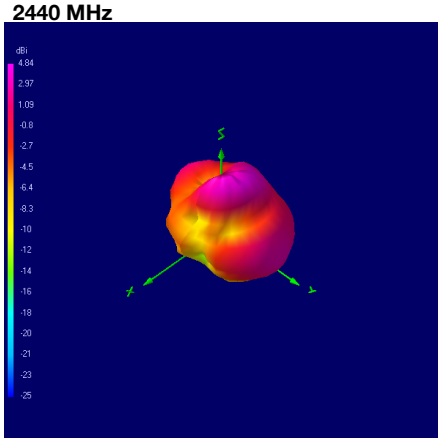
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

3D Radiation Plots [Wi-Fi]

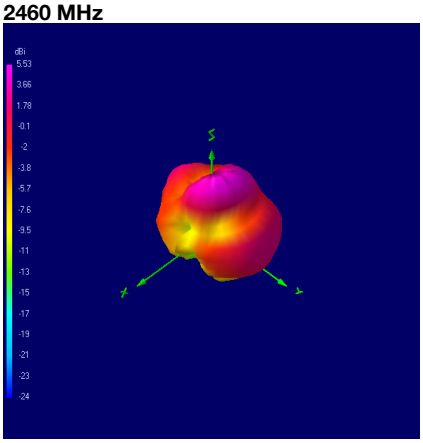
2420 MHz



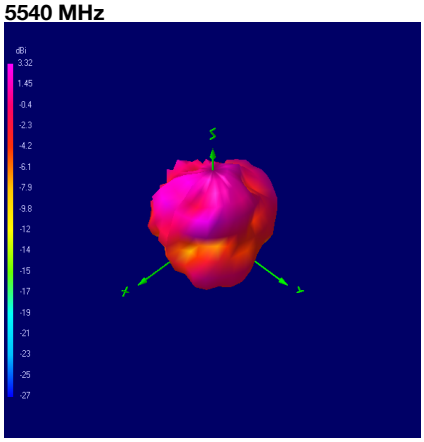
2440 MHz



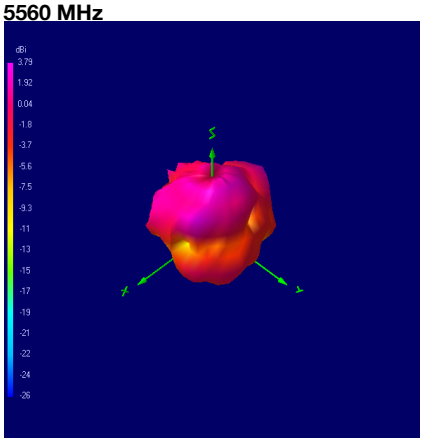
2460 MHz



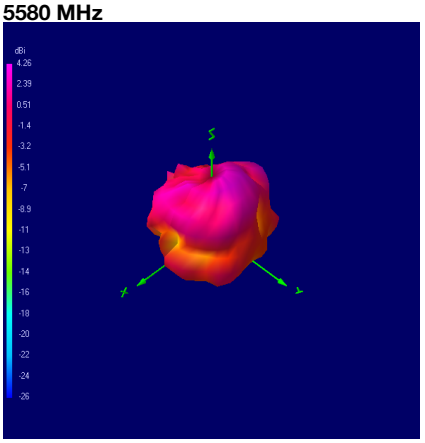
5540 MHz



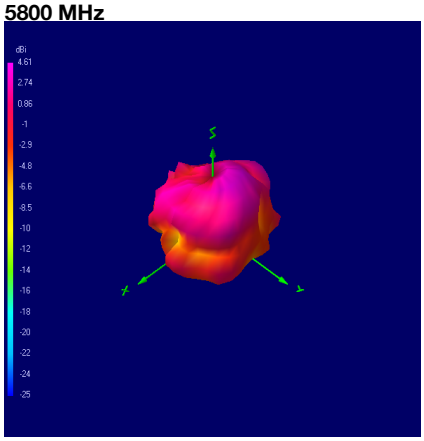
5560 MHz



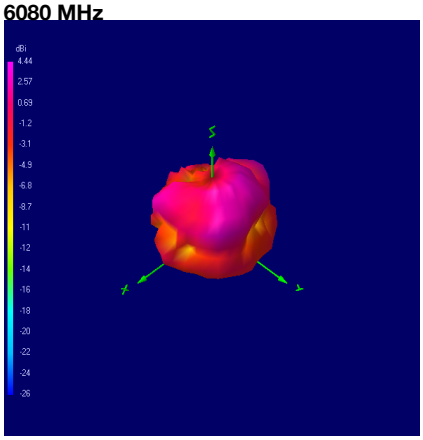
5580 MHz



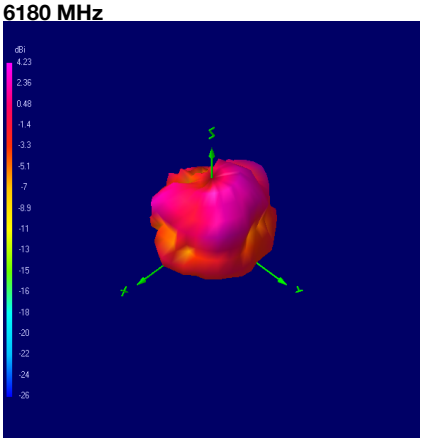
5800 MHz



6080 MHz



6180 MHz



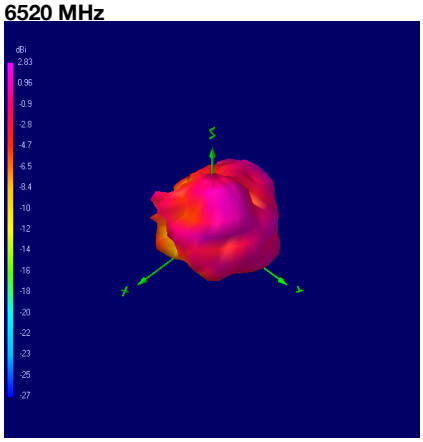
NOTE: All 3D radiation plots are shown with Theta = 45 and Phi = 45.

Tango 55

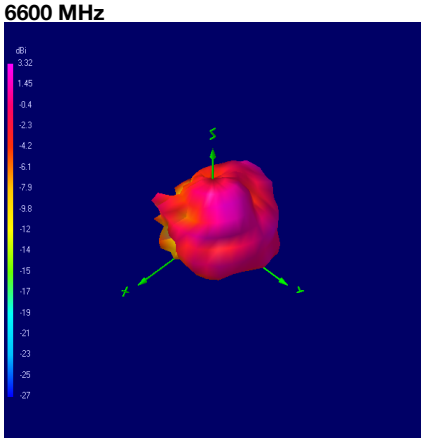
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

3D Radiation Plots [Wi-Fi]

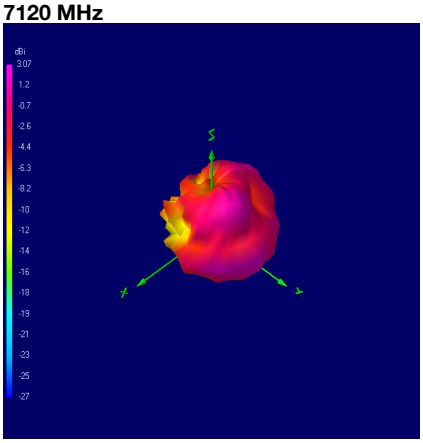
6520 MHz



6600 MHz



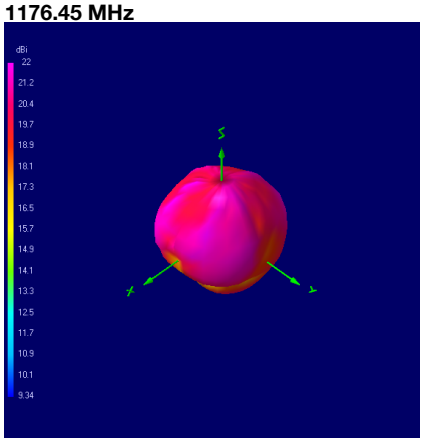
7120 MHz



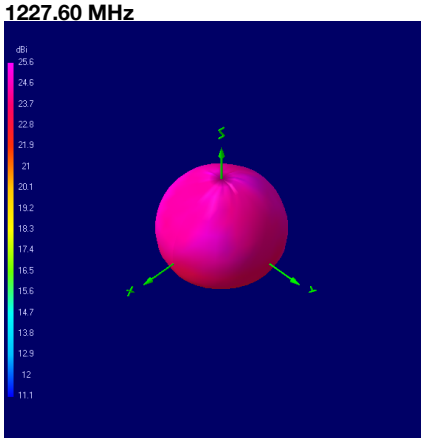
NOTE: All 3D radiation plots are shown with Theta = 45 and Phi = 45.

3D Radiation Plots [GNSS]

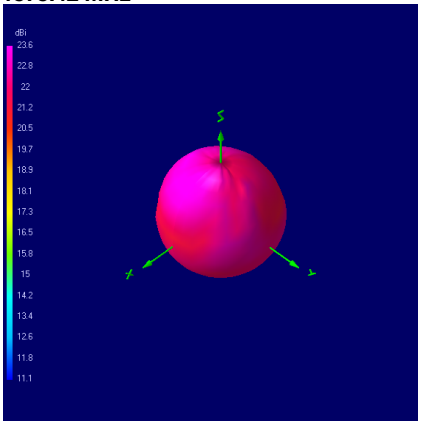
1176.45 MHz



1227.60 MHz



1575.42 MHz



NOTE: All 3D radiation plots are shown with Theta = 45 and Phi = 45.

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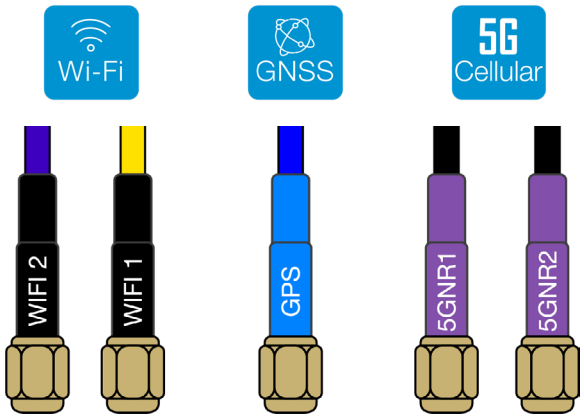
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

Ordering Details:

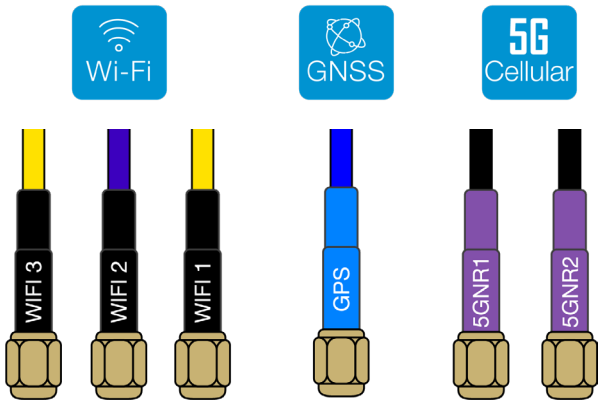


5-in-1 Option: **2x Cellular / 2x Wi-Fi / 1x GNSS**

Part Number: TANGO55/MIMO221/1M/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.

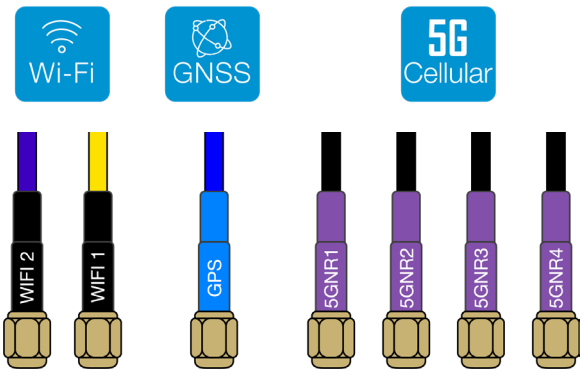


6-in-1 Option: **2x Cellular / 3x Wi-Fi / 1x GNSS**

Part Number: TANGO55/MIMO231/1M/SMAM/RP-SMAM

Description: 6-IN-1 MIMO ANTENNA x1 GPS (SMAM) x2 5G (SMAM) x3 Wi-Fi (RP-SMAM) 1M CABLE

Application: Prioritises Wi-Fi connectivity with moderate cellular capabilities, perfect for urban environments or applications with high Wi-Fi usage such as public transportation and large buildings.



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

Part Number: TANGO55/MIMO/7-IN-1/1M/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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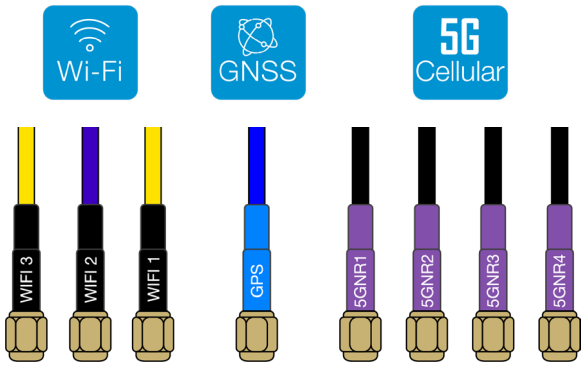
Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

Ordering Details:

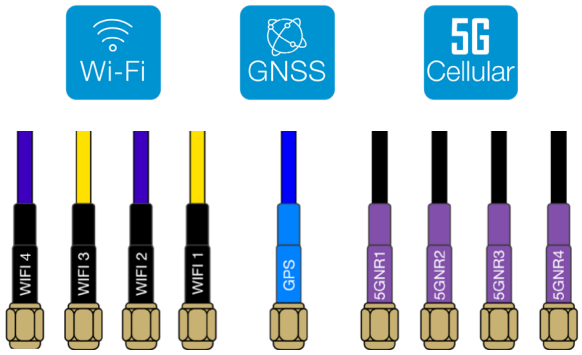


8-in-1 Option: **4x Cellular / 3x Wi-Fi / 1x GNSS**

Part Number: TANGO55/MIMO431/1M/SMAM/RP-SMAM

Description: 8-IN-1 MIMO ANTENNA x1 GPS (SMAM) x4 5G (SMAM) x3 Wi-Fi (RP-SMAM) 1M CABLE

Application: This configuration is ideal for high-performance applications requiring the latest Wi-Fi technology and robust cellular connectivity, making it perfect for environments with high data demands and tri-band Wi-Fi 7 support.



9-in-1 Option: **4x Cellular / 4x Wi-Fi / 1x GNSS**

Part Number: TANGO55/MIMO441/1M/SMAM/RP-SMAM

Description: 9-IN-1 MIMO ANTENNA x1 GPS (SMAM) x4 5G (SMAM) x4 Wi-Fi (RP-SMAM) 1M CABLE

Application: Designed for maximum Wi-Fi and cellular performance, this configuration suits applications requiring the highest levels of connectivity, such as remote video monitoring, mobile broadband, and critical communications.

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Enabling Industrial IoT

Tango 55

Wideband IP67 MIMO Puck Antenna for 5G/4G Cellular, Wi-Fi 7 and GPS L1/L2/L5

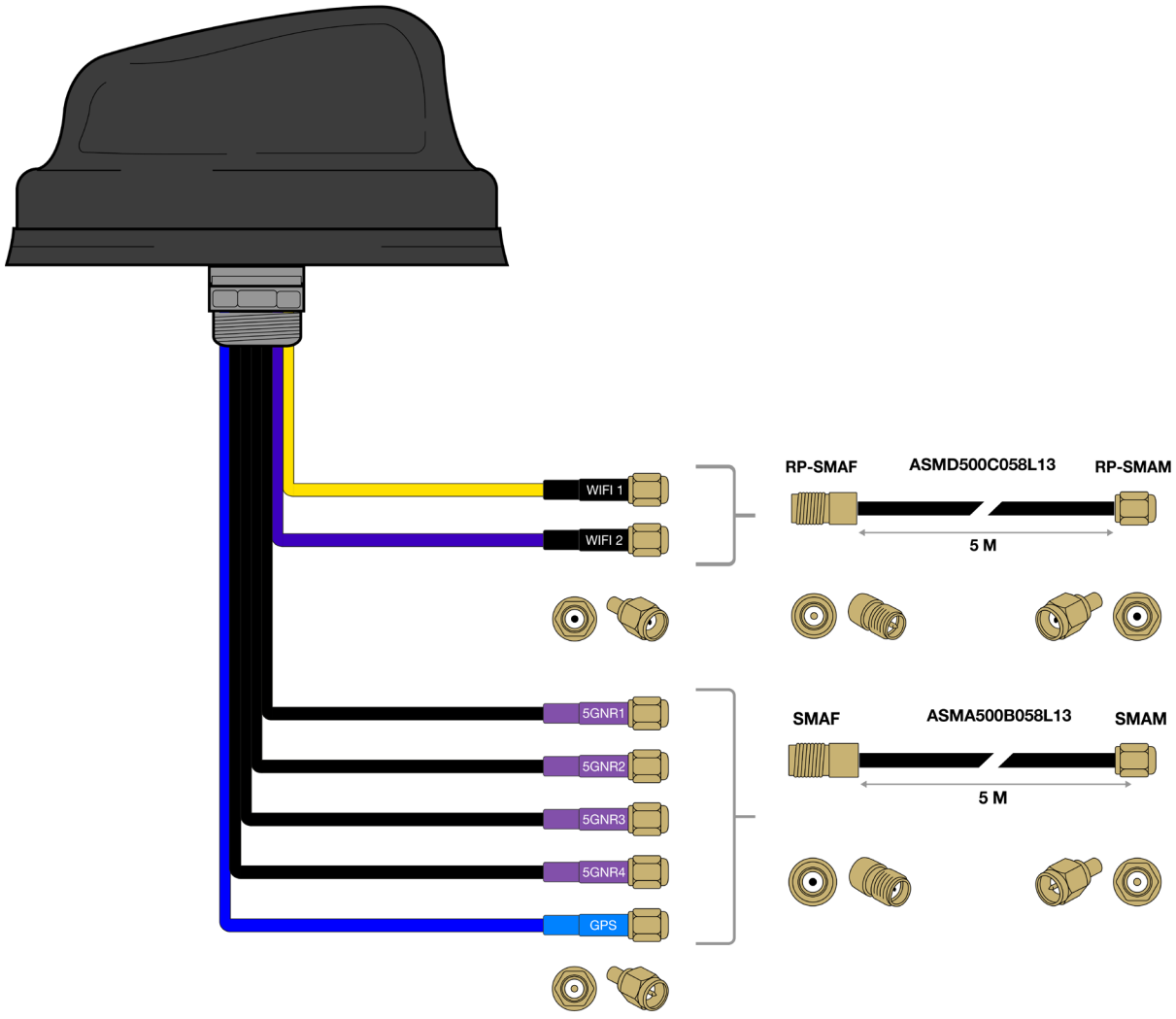
Associated Cables:

We offer a variety of extension cables to complement the Tango 55, ensuring flexibility and convenience for your installation needs:

To extend the Wi-Fi ports by an additional 5 meters, please order the Siretta cable ASMD500C058L13 from your local authorised Siretta Distributor.

To extend the Cellular and GNSS ports by an additional 5 meters, please order the Siretta cable ASMA500B058L13 from your local authorised Siretta Distributor.

Should you require a specific cable length or connector type not listed in our standard offerings, please contact us at sales@siretta.com.



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