

Delta 55

IP67 Wideband 5G/4G Terminal Mount Dipole Antenna



Key Features

- Supports 5G NR / 4G LTE / 3G UMTS/ 2G Quad-band GSM
- Supports both LTE Cat M and LTE Cat NB-IoT
- Covers a wideband range from 600 MHz to 6000 MHz
- SMA (male) connector
- IP67 rated housing for outdoor and harsh environments

Additional Considerations

- Omnidirectional dipole
- Ground Plane independent

General Description

The Delta 55 is a compact, blade-style antenna designed for wideband coverage across a broad frequency range of 600 MHz to 6000 MHz.

The antenna is ideal for applications that demand reliable performance across various wireless technologies, with primary support for 5G NR, LTE, UMTS, and GSM.

With an IP67 rating, the Delta 55 is sealed against water and dust ingress, making it suitable for both indoor and outdoor mounting applications. Supplied as standard with an SMA male connector.

Typical Applications

- IoT and LPWAN for asset tracking, agriculture, and monitoring
- Building and perimeter security for LTE/5G-connected cameras
- Networking gateways
- Industrial wireless equipment
- Smart metering enclosures
- Ruggedised communication terminals
- Telemetry and control systems

D Direct	O Wall/Pole	5G New Radio	4G LTE	3G UMTS	2G GSM
LTE M	LTE NB-IoT	NB-IoT Narrowband	IEEE 802.15.4	ISM 868	ISM 915
ISM 2.4G	ISM 5.8G	BLE Bluetooth	ZB Zigbee	Z Wave	LoRa Wireless
SF Sigfox	UWB Ultra-Wideband	IP 67			



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Electrical Specifications

Frequency range:	600-960 MHz, 1600-6000 MHz
Impedance:	50 Ω
Polarisation:	Vertical
Average gain:	3.6 dBi
Peak gain:	7.6 dBi
Average spherically integrated total gain:	600-960 MHz - 3.15 dBi 1600-6000 MHz - 2.02 dBi
Average efficiency:	60%
VSWR:	≤ 2
Input power	1 W
Directionality:	Omni-directional
Ground plane independent:	Yes

Environmental Specifications

Operating temperature range:	-30 °C to +70 °C
Storage temperature range:	

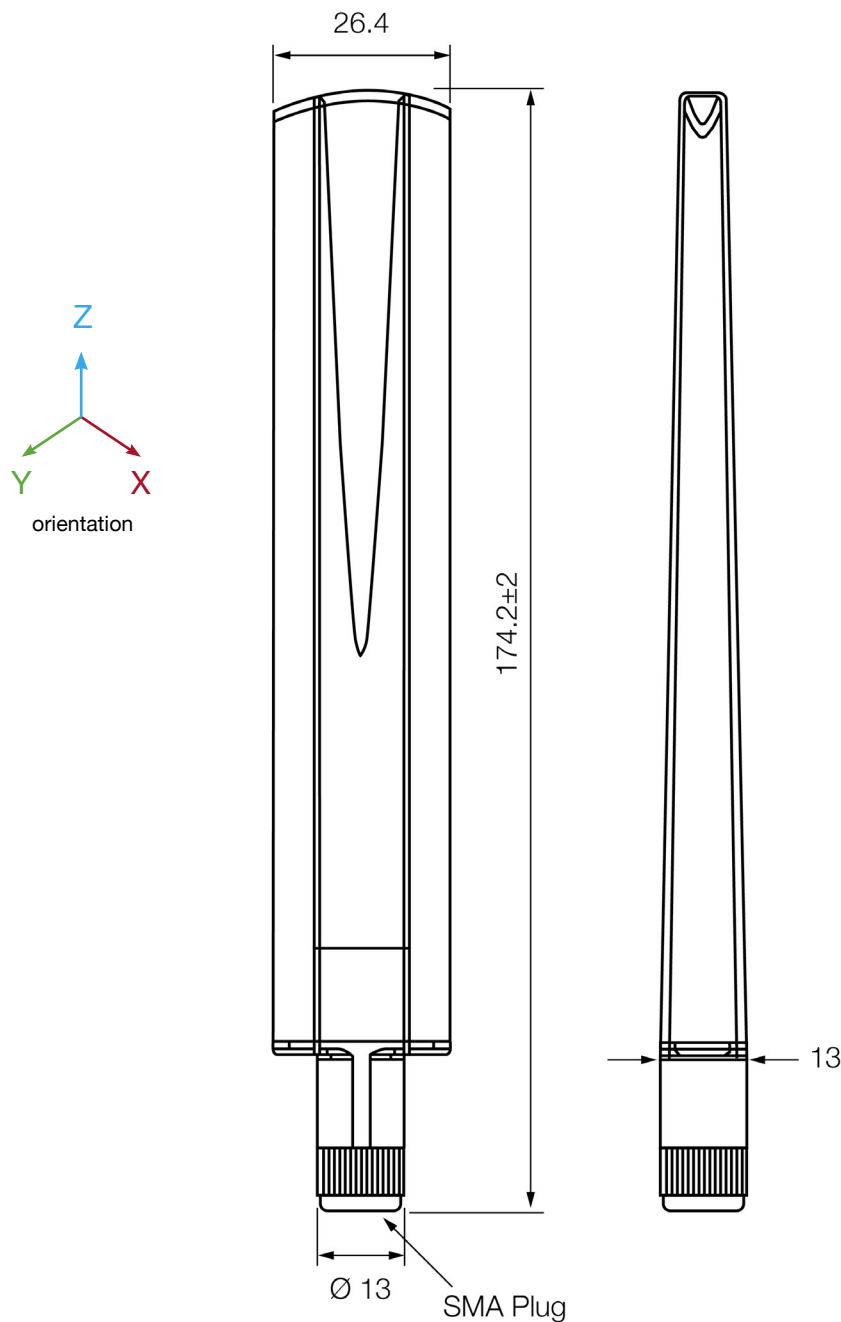
Mechanical Specifications

Colour options:	Black
Connector options:	SMA Male
Mounting method:	Direct Connect
Dimensions:	Ø 165 mm x 26 mm x 13 mm
Weight:	24 g
Radome:	ABS Black

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Dimensional Drawing

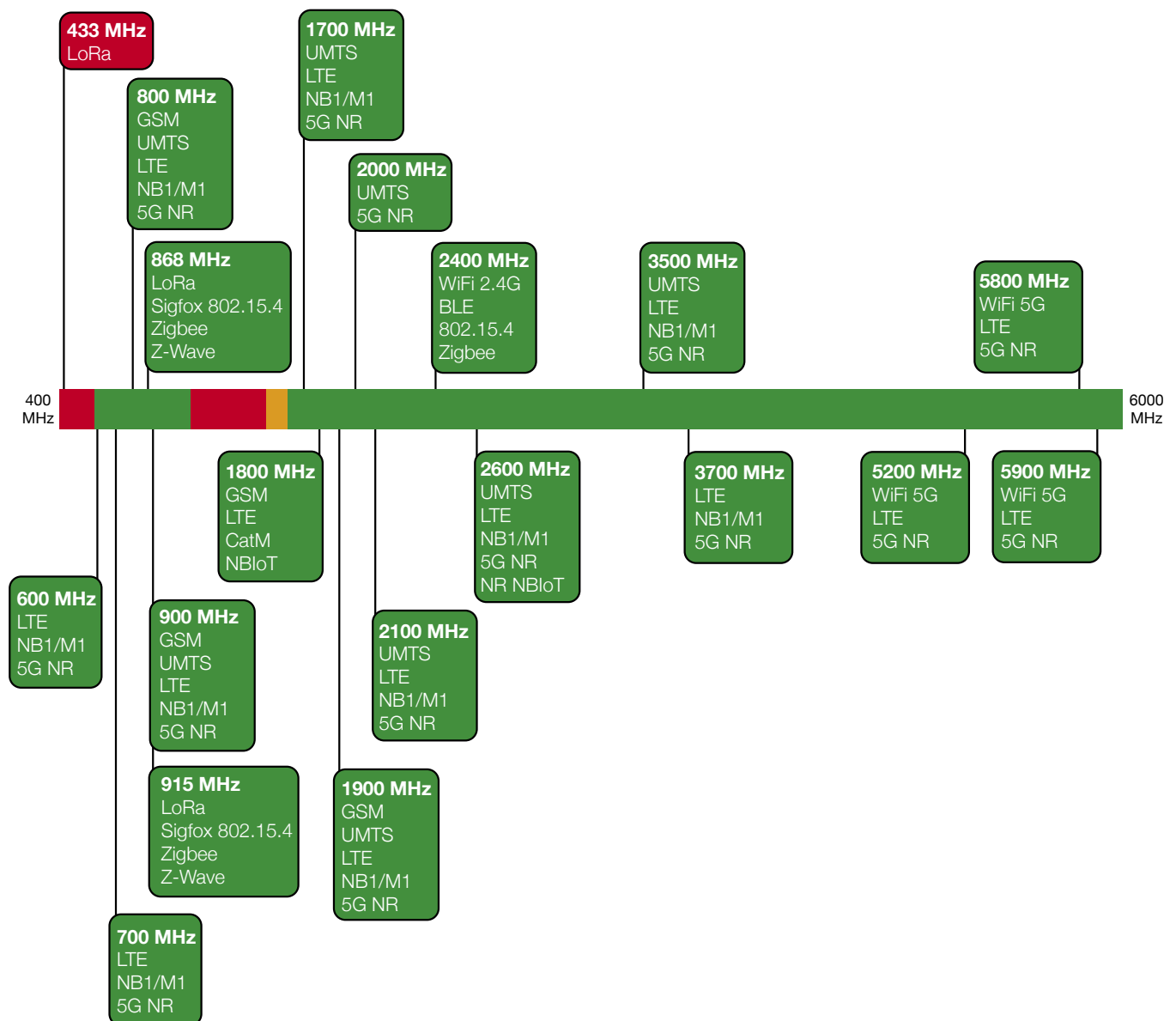




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Spectrum Coverage



● Suitable band

● Adequate band in good signal conditions

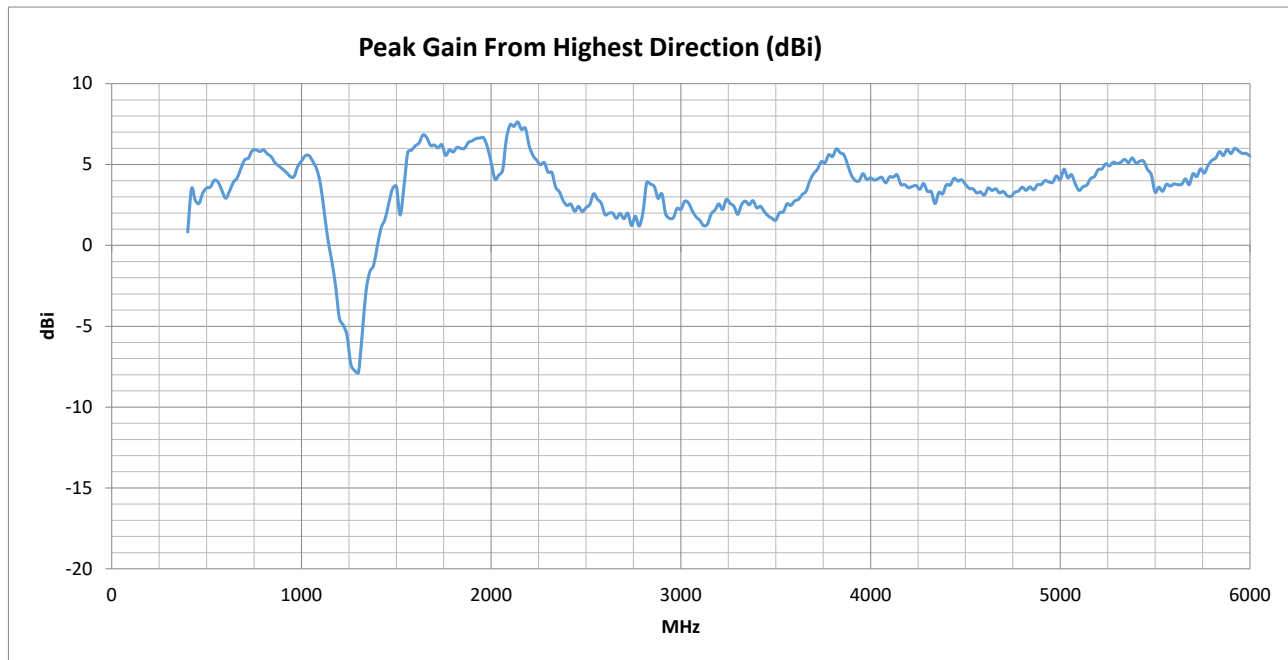
● Likely to be unsuitable



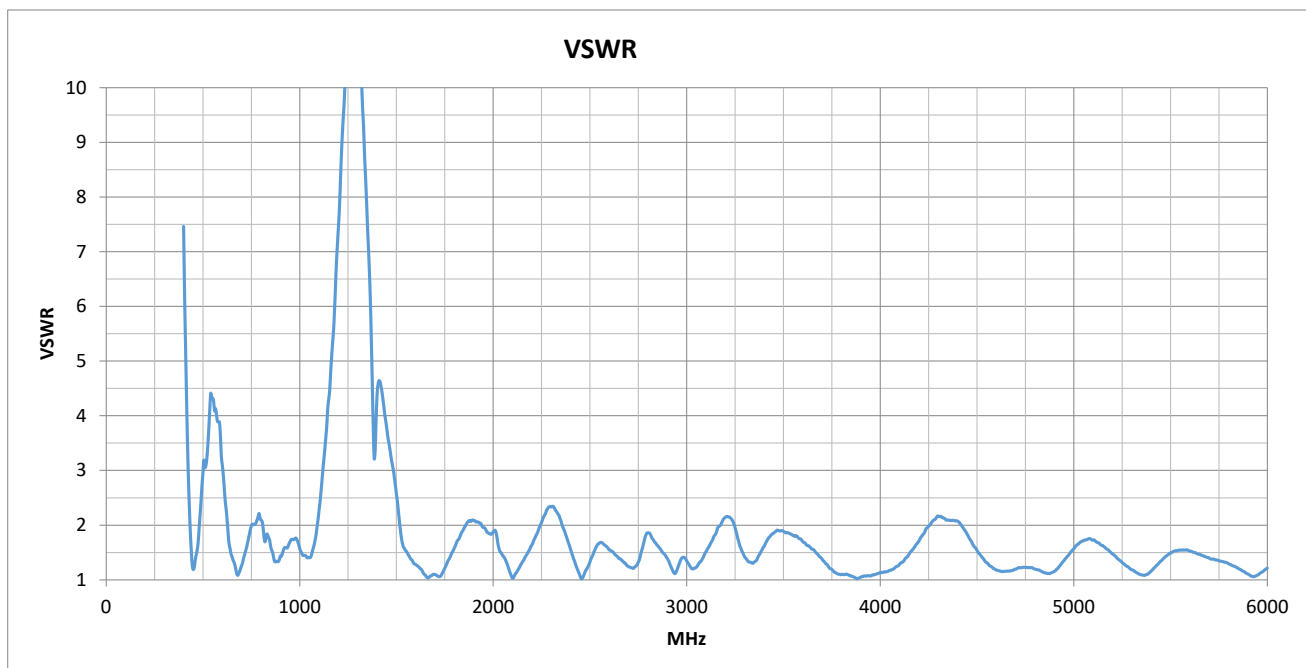
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Peak Gain vs. Frequency



VSWR

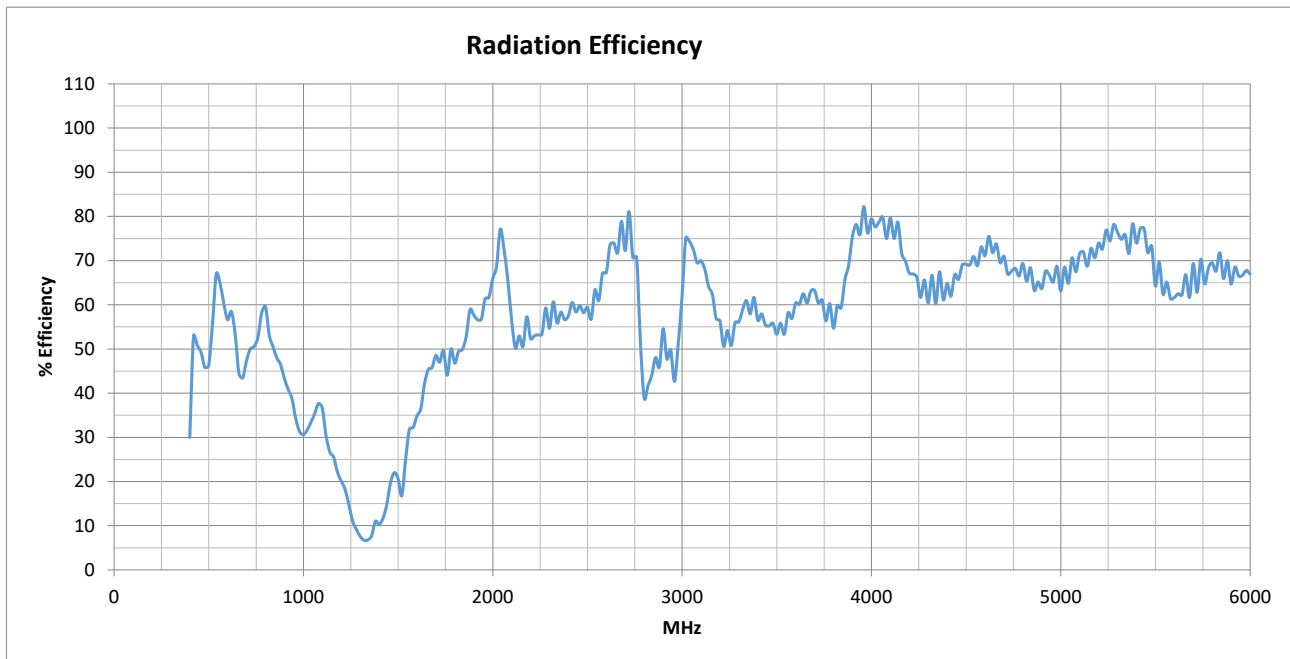




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Radiation Efficiency





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Usable Cellular Frequency Support (400 MHz – 2000 MHz)

	400	410	450	600	700	800	850	900	1500	1600	1700	1800	1900	2000
GSM Bands:							●	●				●	●	
UMTS Bands:					●	●	●	●			●	●	●	
LTE Bands:			●	●	●	●	●	●		●	●	●	●	●
LTE Cat M Bands:			●	●	●	●	●	●		●	●	●	●	
LTE Cat NB Bands:			●	●	●	●	●	●		●	●	●	●	●
5G NR Bands:			●	●	●	●	●	●		●	●	●	●	●
NR Cat NB Bands:			●	●	●	●	●	●		●		●	●	●
NTN Bands:										●				●

Usable Cellular Frequency Support (2100 MHz – 6700 MHz)

	2100	2300	2400	2500	2600	3300	3500	3700	4700	5200	5900	6000	6200	6700
GSM Bands:														
UMTS Bands:	●				●		●							
LTE Bands:	●	●	●	●	●	●	●	●		●	●			
LTE Cat M Bands:	●	●		●	●		●	●						
LTE Cat NB Bands:	●			●	●		●	●						
5G NR Bands:	●	●	●	●	●		●	●		●	●			
NR Cat NB Bands:	●			●	●									
NTN Bands:	●			●	●									



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Usable ISM Frequency Support (433 MHz - 6525 MHz)

	433	868	915	2450	5800	6525
Bluetooth				●		
Helium	●	●	●			
IEEE 802.15.4		●	●	●		
ISM 433	●					
ISM 868		●				
ISM 915			●			
ISM 2.4G				●		
ISM 5.8G					●	
LoRa						
SigFox		●	●			
Weightless		●	●			
Wi-Fi 2.4G		●	●	●		
Wi-Fi 5G					●	
Wi-Fi 6E					●	
Zigbee		●	●	●	●	
Z-Wave		●	●			



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Cellular Standards Band Support

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	59.09	51.80	2.06	1.44	●
PCS-1900	2	2	2	2	n2	n2		1850 - 1910 MHz	1930 - 1990 MHz	56.30	60.10	2.10	2.04	●
DCS-1800	3	3	3	3	n3	n3		1710 - 1785 MHz	1805 - 1880 MHz	47.55	51.56	1.48	2.08	●
	4	4	4	4				1710 - 1755 MHz	2110 - 2155 MHz	47.85	51.80	1.25	1.35	●
GSM-850	5	5	5	5	n5	n5		824 - 849 MHz	869 - 894 MHz	50.94	46.01	1.84	1.37	●
	6							830 - 840 MHz	875 - 885 MHz	51.12	46.35	1.84	1.34	●
	7	7	7	7	n7	n7		2500 - 2570 MHz	2620 - 2690 MHz	60.45	74.46	1.68	1.51	●
E-GSM-900	8	8	8	8	n8	n8		880 - 915 MHz	925 - 960 MHz	43.78	37.77	1.53	1.74	●
	9	9						1749.9 - 1784.9 MHz	1844.9 - 1879.9 MHz	46.94	54.07	1.48	2.08	●
	10	10						1710 - 1770 MHz	2110 - 2170 MHz	47.21	51.80	1.37	1.44	●
	11	11	11	11				1427.9 - 1447.9 MHz	1475.9 - 1495.9 MHz	14.52	21.56	4.36	3.16	●
	12	12	12	12	n12	n12		699 - 716 MHz	729 - 746 MHz	48.39	50.59	1.47	1.93	●
	13	13	13	13	n13			777 - 787 MHz	746 - 756 MHz	58.25	51.69	2.18	2.02	●
	14	14	14	14	n14	n14		788 - 798 MHz	758 - 768 MHz	59.09	53.48	2.22	2.02	●
		17		17				704 - 716 MHz	734 - 746 MHz	48.71	50.69	1.47	1.93	●
		18	18	18	n18	n18		815 - 830 MHz	860 - 875 MHz	52.92	47.40	1.84	1.50	●
	19	19	19	19				830 - 845 MHz	875 - 890 MHz	50.80	45.98	1.84	1.34	●
	20	20	20	20	n20	n20		832 - 862 MHz	791 - 821 MHz	49.60	57.09	1.83	2.20	●
	21	21	21	21				1447.9 - 1462.9 MHz	1495.9 - 1510.9 MHz	18.49	19.97	3.82	2.69	●
	22	22						3410 - 3490 MHz	3510 - 3590 MHz	55.99	56.10	1.91	1.87	●
		24	24	24	n24	n24		1626.5 - 1660.5 MHz	1525 - 1559 MHz	42.39	25.47	1.19	1.78	●
	25	25	25	25	n25	n25		1850 - 1915 MHz	1930 - 1995 MHz	56.35	60.43	2.10	2.04	●
	26	26	26	26	n26	n26		814 - 849 MHz	859 - 894 MHz	51.69	46.48	1.84	1.51	●
		27	27					807 - 824 MHz	852 - 869 MHz	54.64	48.03	2.04	1.58	●
		28	28	28	n28	n28		703 - 748 MHz	758 - 803 MHz	49.89	57.07	1.96	2.22	●

● Suitable band

● Adequate band in good signal conditions

● Likely to be unsuitable



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Cellular Standards Band Support

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	49.46	56.03	1.72	2.19	●
		29			n29			N/A	717 - 728 MHz	N/A	50.03	N/A	1.64	●
		30			n30			2305 - 2315 MHz	2350 - 2360 MHz	57.69	57.72	2.34	2.08	●
		31	31	31	n31	n31		452.5 - 457.5 MHz	462.5 - 467.5 MHz	49.61	48.36	1.29	1.50	●
	32	32						N/A	1452 - 1496 MHz	N/A	20.69	N/A	3.71	●
		33						1900 - 1920 MHz	1900 - 1920 MHz	57.15	57.15	2.08	2.08	●
		34			n34			2010 - 2025 MHz	2010 - 2025 MHz	68.47	68.47	1.91	1.91	●
		35						1850 - 1910 MHz	1850 - 1910 MHz	56.30	56.30	2.10	2.10	●
		36						1930 - 1990 MHz	1930 - 1990 MHz	60.10	60.10	2.04	2.04	●
		37						1910 - 1930 MHz	1910 - 1930 MHz	56.77	56.77	2.06	2.06	●
		38			n38			2570 - 2620 MHz	2570 - 2620 MHz	68.19	68.19	1.65	1.65	●
		39	39		n39			1880 - 1920 MHz	1880 - 1920 MHz	57.72	57.72	2.10	2.10	●
		40	40		n40			2300 - 2400 MHz	2300 - 2400 MHz	57.52	57.52	2.34	2.34	●
		41	41	41	n41	n41		2496 - 2690 MHz	2496 - 2690 MHz	67.48	67.48	1.68	1.68	●
		42	42	42				3400 - 3600 MHz	3400 - 3600 MHz	56.05	56.05	1.91	1.91	●
		43	43	43				3600 - 3800 MHz	3600 - 3800 MHz	60.50	60.50	1.70	1.70	●
		44						703 - 803 MHz	703 - 803 MHz	53.32	53.32	2.22	2.22	●
		45						1447 - 1467 MHz	1447 - 1467 MHz	18.77	18.77	3.85	3.85	●
		46			n46			5150 - 5925 MHz	5150 - 5925 MHz	69.77	69.77	1.63	1.63	●
		47			n47			5855 - 5925 MHz	5855 - 5925 MHz	67.33	67.33	1.20	1.20	●
		48	48	48	n48			3550 - 3700 MHz	3550 - 3700 MHz	60.35	60.35	1.81	1.81	●
		49						3550 - 3700 MHz	3550 - 3700 MHz	60.35	60.35	1.81	1.81	●
		50			n50			1432 - 1517 MHz	1432 - 1517 MHz	19.11	19.11	4.25	4.25	●
		51			n51			1427 - 1432 MHz	1427 - 1432 MHz	13.09	13.09	4.38	4.38	●
		52						3300 - 3400 MHz	3300 - 3400 MHz	59.15	59.15	1.61	1.61	●

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		53			n53			2483.5 - 2495 MHz	2483.5 - 2495 MHz	58.77	58.77	1.28	1.28	●
		54	54	54	n54	n54		1670 - 1675 MHz	1670 - 1675 MHz	45.66	45.66	1.07	1.07	●
		65		65	n65	n65		1920 - 2010 MHz	2110 - 2200 MHz	60.97	52.89	2.06	1.64	●
		66	66	66	n66	n66		1710 - 1780 MHz	2110 - 2200 MHz	47.40	52.89	1.44	1.64	●
		67			n67			N/A	738 - 758 MHz	N/A	51.40	N/A	2.02	●
		68						698 - 728 MHz	753 - 783 MHz	48.99	54.96	1.64	2.13	●
		69						N/A	2570 - 2620 MHz	N/A	68.19	N/A	1.65	●
		70		70	n70	n70		1695 - 1710 MHz	1995 - 2020 MHz	48.16	66.86	1.10	1.91	●
		71	71	71	n71	n71		663 - 698 MHz	617 - 652 MHz	44.56	54.31	1.30	2.38	●
		72	72	72	n72	n72		451 - 456 MHz	461 - 466 MHz	49.73	48.61	1.25	1.47	●
		73	73	73				450 - 455 MHz	460 - 465 MHz	49.81	48.78	1.22	1.46	●
		74	74	74	n74	n74		1427 - 1470 MHz	1475 - 1518 MHz	16.85	20.40	4.38	3.18	●
		75			n75			N/A	1432 - 1517 MHz	N/A	19.11	N/A	4.25	●
		76			n76			N/A	1427 - 1432 MHz	N/A	13.09	N/A	4.38	●
					n77			3300 - 4200 MHz	3300 - 4200 MHz	65.09	65.09	1.91	1.91	●
					n78			3300 - 3800 MHz	3300 - 3800 MHz	58.45	58.45	1.91	1.91	●
					n79			4400 - 5000 MHz	4400 - 5000 MHz	68.13	68.13	2.07	2.07	●
					n80			1710 - 1785 MHz	N/A	47.55	N/A	1.48	N/A	●
					n81			880 - 915 MHz	N/A	43.78	N/A	1.53	N/A	●
					n82			832 - 862 MHz	N/A	49.60	N/A	1.83	N/A	●
					n83			703 - 748 MHz	N/A	49.89	N/A	1.96	N/A	●
					n84			1920 - 1980 MHz	N/A	59.09	N/A	2.06	N/A	●
		85	85	85	n85			698 - 716 MHz	728 - 746 MHz	48.32	50.57	1.47	1.93	●
					n86			1710 - 1780 MHz	N/A	47.40	N/A	1.44	N/A	●
		87	87	87				410 - 415 MHz	420 - 425 MHz	44.35	52.70	5.29	3.52	●

● Suitable band

● Adequate band in good signal conditions

● Likely to be unsuitable



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Cellular Standards Band Support

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	46.65	52.48	4.92	3.25	●
					n89			824 - 849 MHz	N/A	50.94	N/A	1.84	N/A	●
					n90	n90		2496 - 2690 MHz	2496 - 2690 MHz	67.48	67.48	1.68	1.68	●
					n91			832 - 862 MHz	1427 - 1432 MHz	49.60	13.09	1.83	4.38	●
					n92			832 - 862 MHz	1432 - 1517 MHz	49.60	19.11	1.83	4.25	●
					n93			880 - 915 MHz	1427 - 1432 MHz	43.78	13.09	1.53	4.38	●
					n94			880 - 915 MHz	1432 - 1517 MHz	43.78	19.11	1.53	4.25	●
					n95			2010 - 2025 MHz	N/A	68.47	N/A	1.91	N/A	●
					n97			2300 - 2400 MHz	N/A	57.52	N/A	2.34	N/A	●
					n98			1880 - 1920 MHz	N/A	57.72	N/A	2.10	N/A	●
					n99			1626.5 - 1660.5 MHz	N/A	42.39	N/A	1.19	N/A	●
1900					n101			1900 - 1910 MHz	1900 - 1910 MHz	57.41	57.41	2.08	2.08	●
		103		103				787 - 788 MHz	757 - 758 MHz	58.72	52.35	2.19	2.02	●
					n105			663 - 703 MHz	612 - 652 MHz	44.92	54.76	1.30	2.59	●
							n254	1610 - 1625.5 MHz	2483.5 - 2500 MHz	36.44	58.93	1.25	1.33	●
							n255	1626.5 - 1660.5 MHz	1525 - 1559 MHz	42.39	25.47	1.19	1.78	●
							n256	1980 - 2010 MHz	2170 - 2200 MHz	64.72	55.08	1.91	1.64	●

● 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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ISM Standards Frequency Support

Application	Frequency Range	Efficiency (%)	Maximum VSWR	Peak Gain from highest direction (dBi)	Use Indicator
ISM 433 MHz	433.05 - 434.79 MHz	51.47	2.04	3.02	●
ISM 868 MHz	863 - 870 MHz	47.48	1.45	5.08	●
ISM 915 MHz	902 - 928 MHz	41.46	1.59	4.69	●
ISM 2.4 GHz	2400 - 2500 MHz	59.08	1.55	2.55	●
Wi-Fi 2.4G	2401 - 2483 MHz	59.14	1.54	2.55	●
Wi-Fi 2.4G (USA)	2401 - 2473 MHz	59.23	1.54	2.55	●
Wi-Fi 2.4G (Japan)	2401 - 2495 MHz	59.09	1.54	2.55	●
Wi-Fi 5G (all channels)	5150 - 5990 MHz	69.57	1.63	5.99	●
Wi-Fi 5G (Ch 32-48)	5150 - 5250 MHz	73.22	1.63	5.04	●
Wi-Fi 5G (Ch 32-64)	5150 - 5330 MHz	74.48	1.63	5.23	●
Wi-Fi 5G (Ch 32-161)	5150 - 5815 MHz	70.05	1.63	5.40	●
Wi-Fi 5G (Ch 32-173)	5150 - 5875 MHz	69.94	1.63	5.84	●
ISM 5.8 GHz	5725 - 5875 MHz	68.17	1.38	5.84	●
UWB band 1	3168 - 3696 MHz	57.24	2.16	4.34	●
UWB band 2	3696 - 4224 MHz	70.38	1.84	5.96	●
UWB band 3	4224 - 4752 MHz	67.55	2.17	4.14	●
UWB band 4	4752 - 5280 MHz	68.88	1.75	5.14	●
UWB band 5	5280 - 5808 MHz	69.14	1.55	5.40	●

● Suitable band

● Adequate band in good signal conditions

● Likely to be unsuitable

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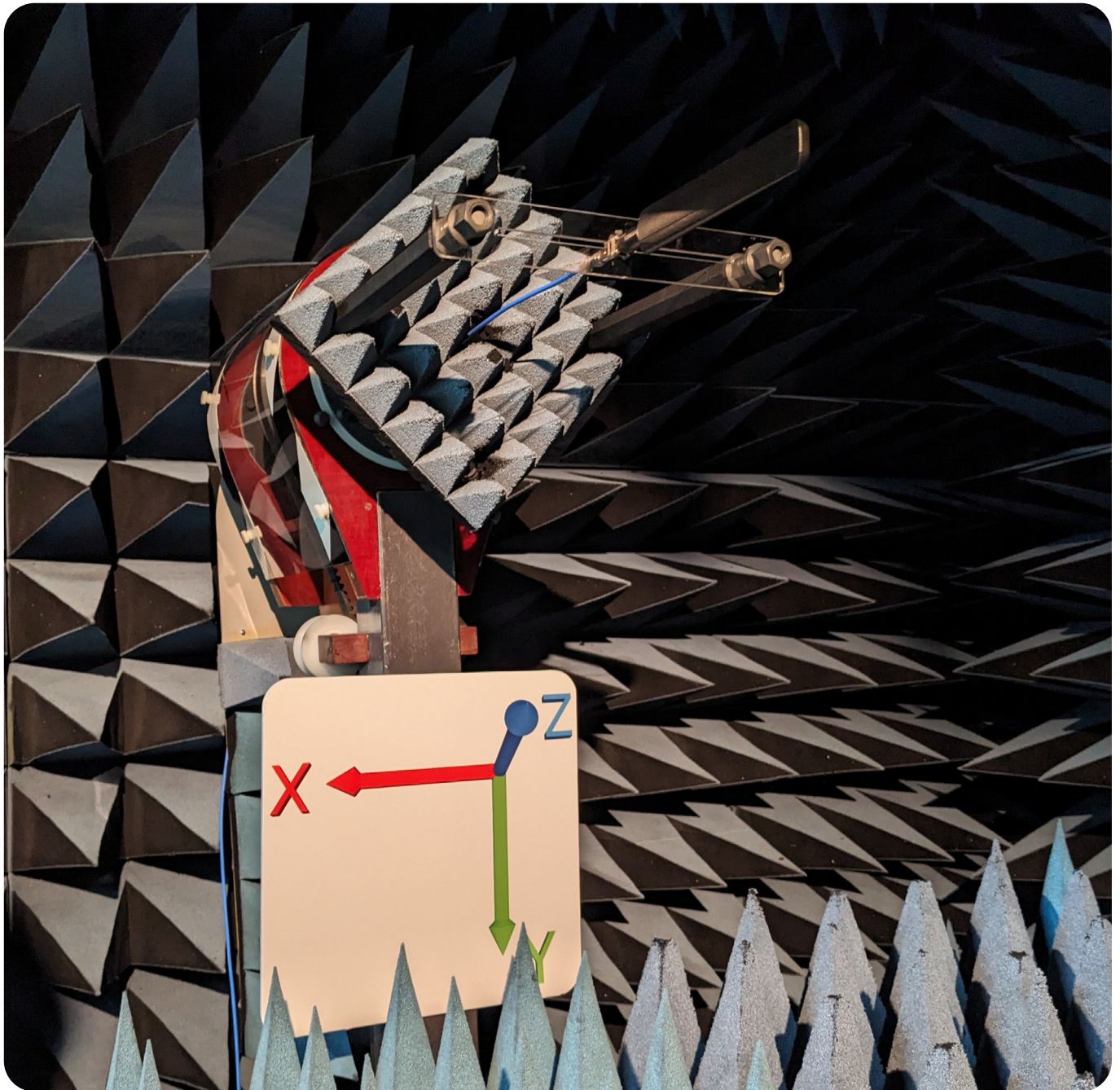
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Test Setup (in Free Space)



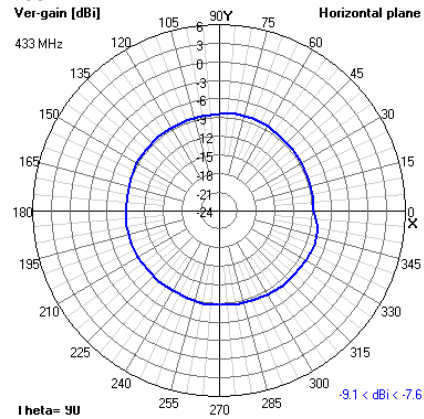


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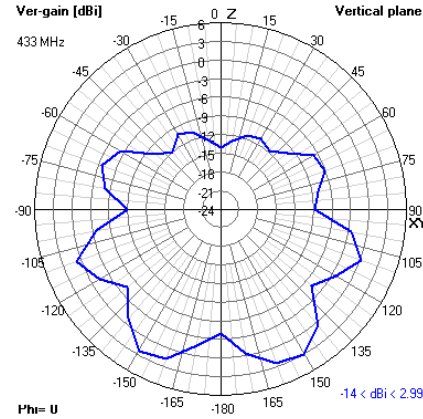
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2D Radiation Plots

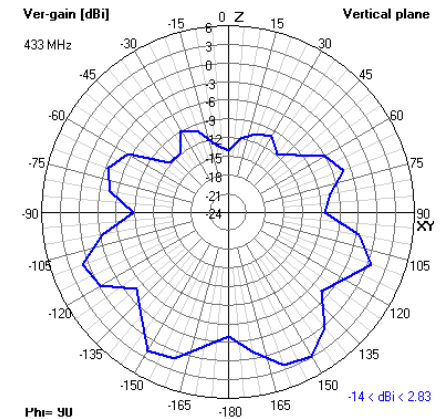
433 MHz XY



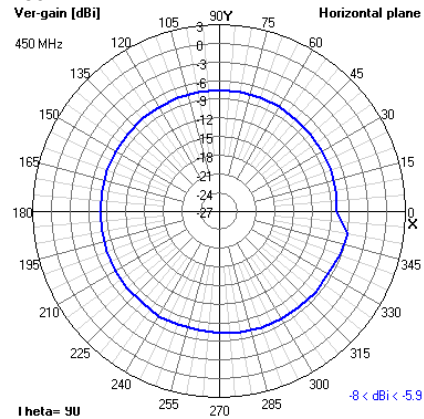
XZ



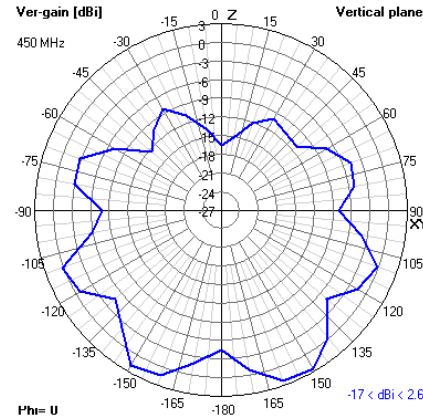
YZ



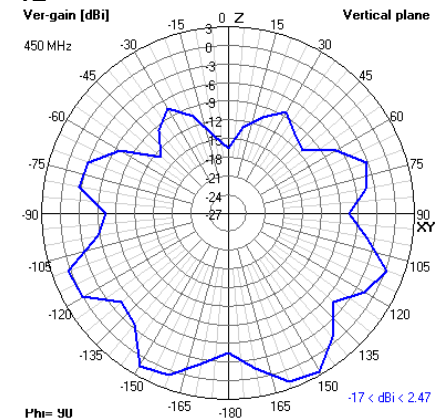
450 MHz XY



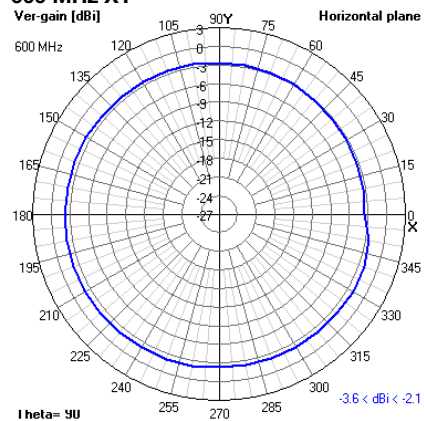
XZ



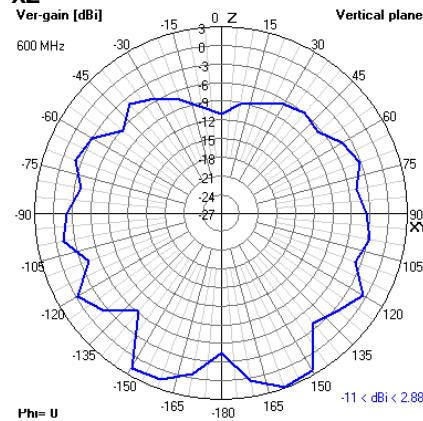
YZ



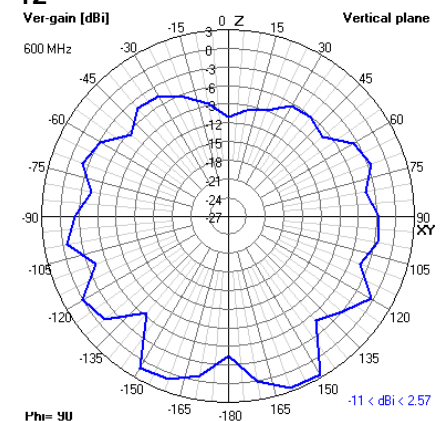
600 MHz XY



XZ



YZ

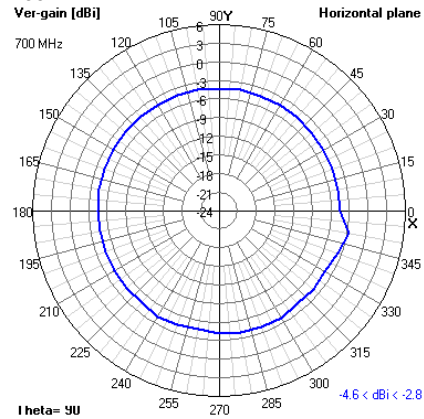


Delta 55

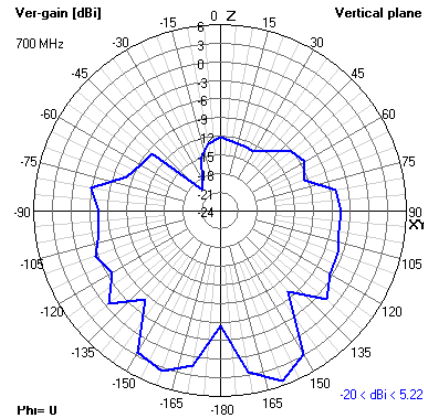
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

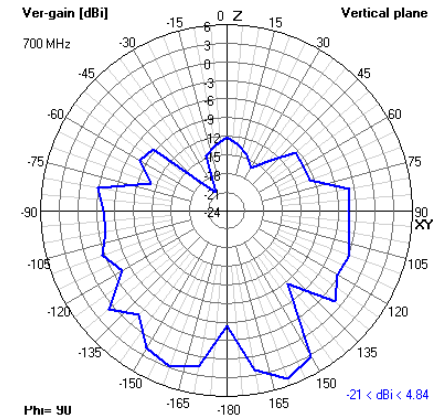
700 MHz XY



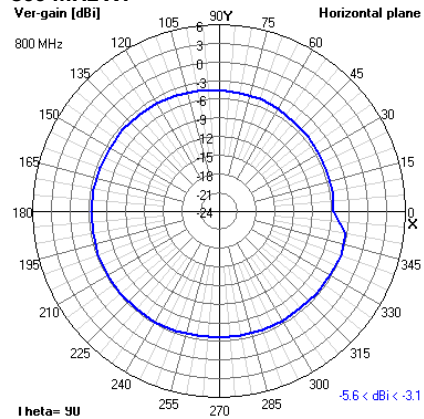
XZ



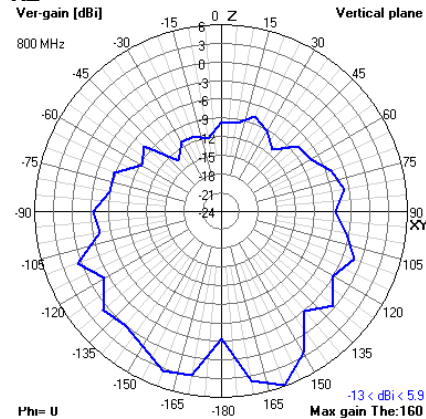
YZ



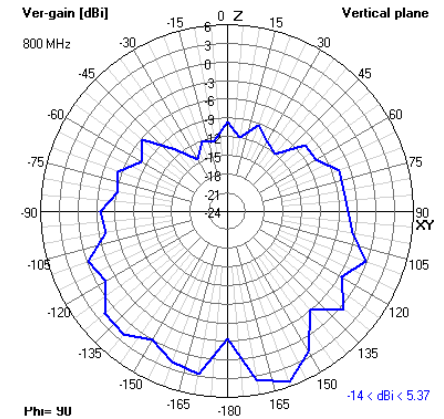
800 MHz XY



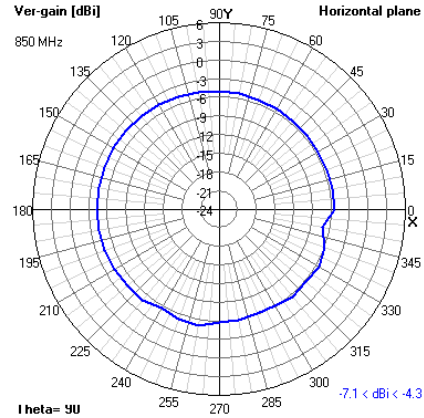
XZ



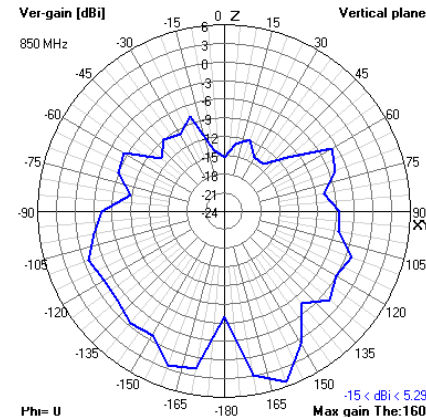
YZ



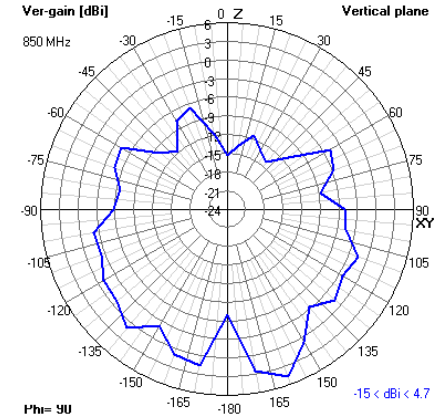
850 MHz XY



XZ



YZ

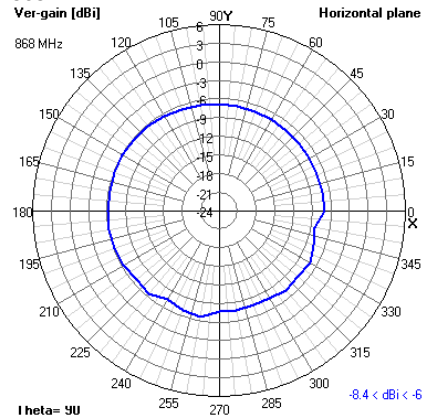


Delta 55

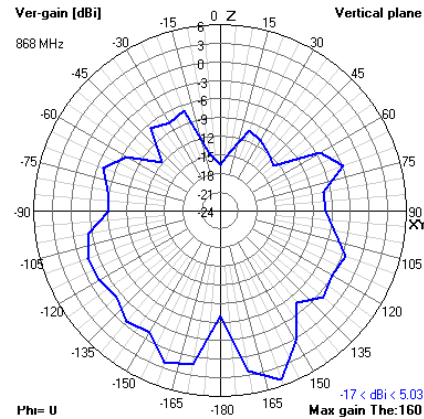
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

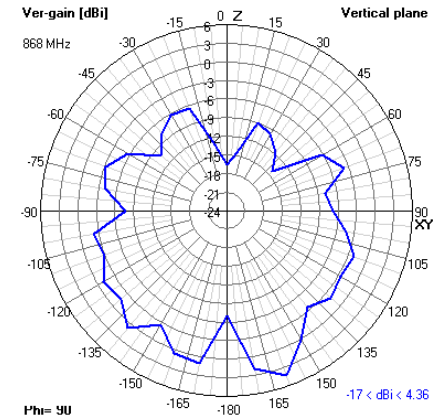
868 MHz XY



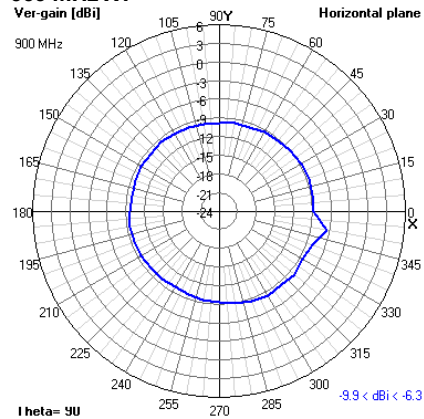
XZ



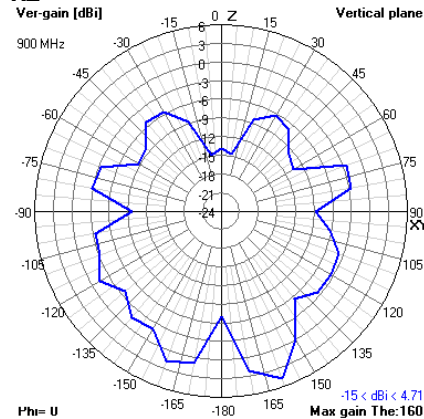
YZ



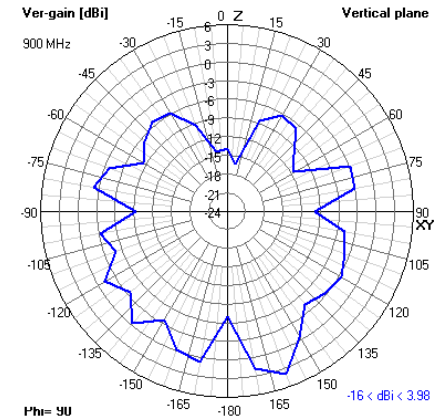
900 MHz XY



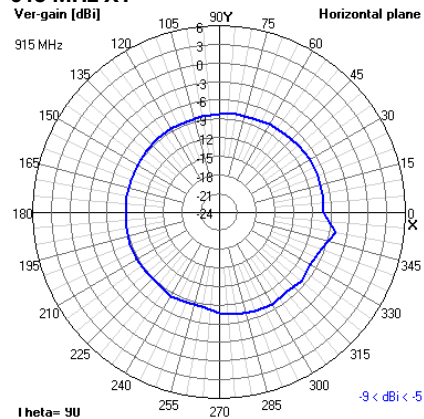
XZ



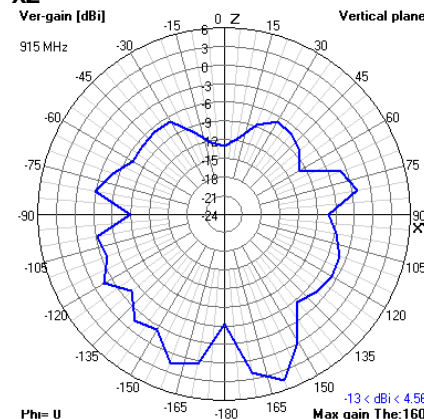
YZ



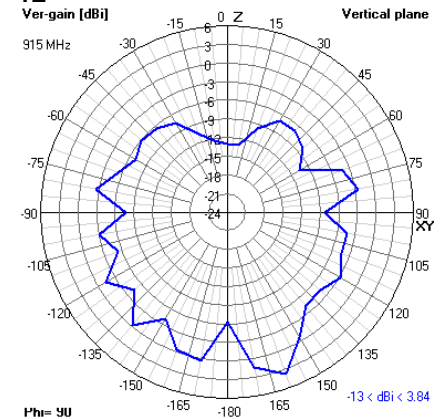
915 MHz XY



XZ



YZ





IP67 Wideband 5G/4G Terminal Mount Dipole Antenna



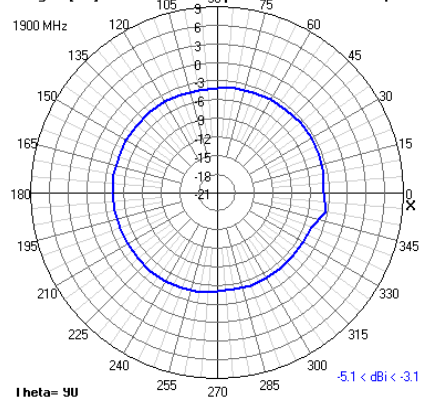
Delta 55

IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

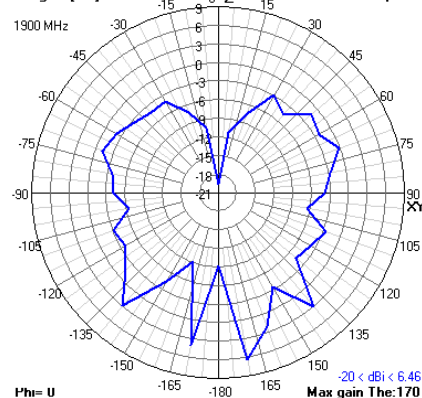
1900 MHz XY

Ver-gain [dBi]	10F	90Y	3F	Horizontal plane
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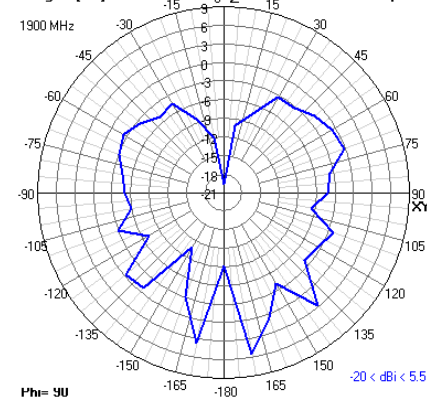
XZ

Ver-gain [dBi]	15	0	15	Vertical plane
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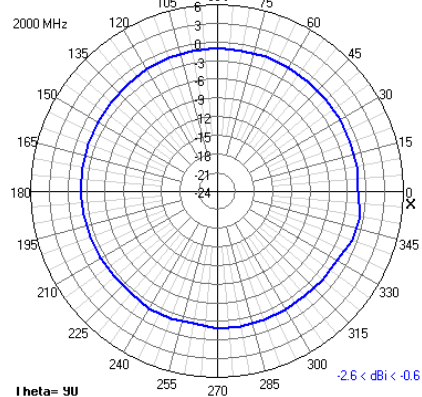
YZ

Ver-gain [dBi]	15	0	15	Vertical plane
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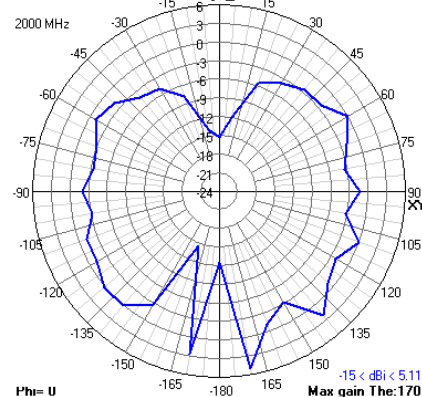
2000 MHz XY

Ver-gain [dBi] 105 90Y 75 Horizontal plane



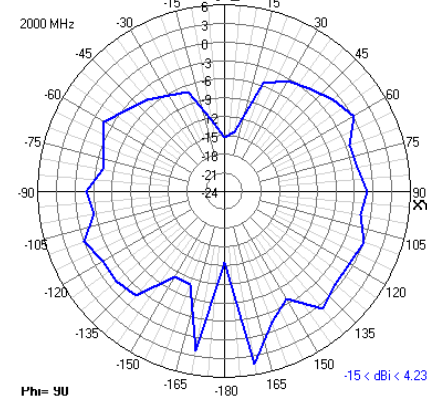
XZ

Ver-gain [dBi] -15 0 15 Vertical plane



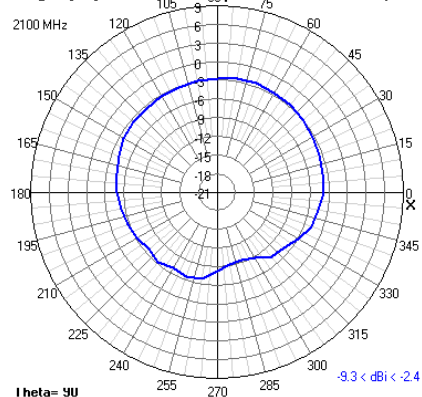
YZ

Ver-gain [dBi] -15 0 15 Vertical plane



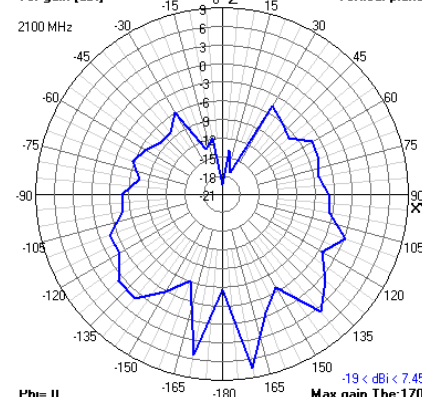
2100 MHz XY

Ver-gain [dBi] 10E 90Y 7E Horizontal plane



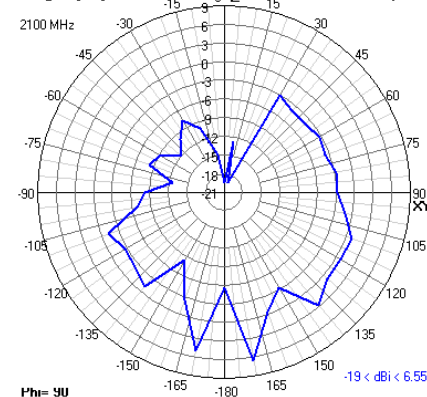
XZ

Ver-gain [dBi]	-15	0	15	Vertical plane
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YZ

Ver-gain [dBi] 15 0 15 Vertical plane





IP67 Wideband 5G/4G Terminal Mount Dipole Antenna



IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

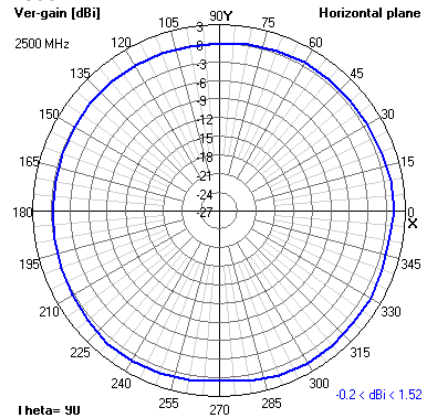


Delta 55

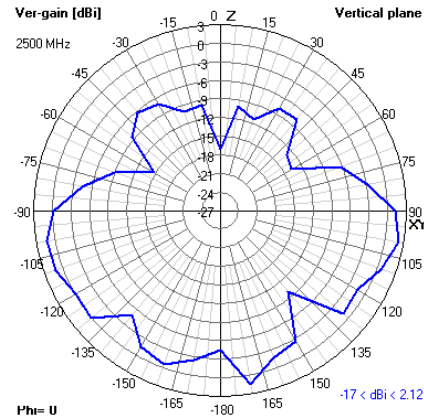
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

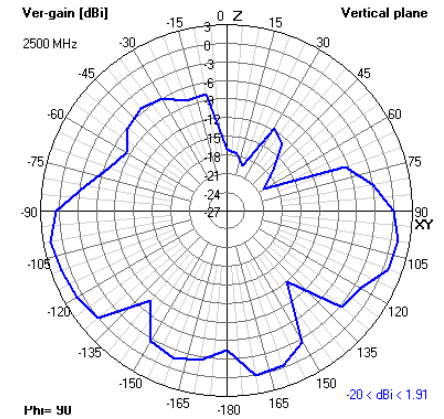
2500 MHz XY



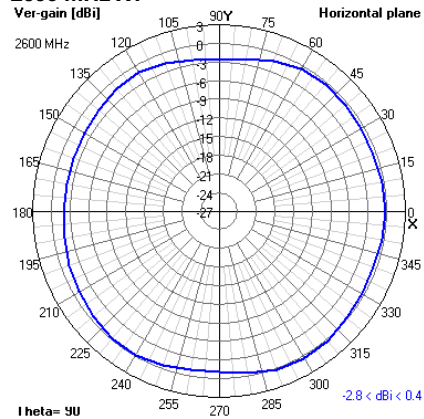
XZ



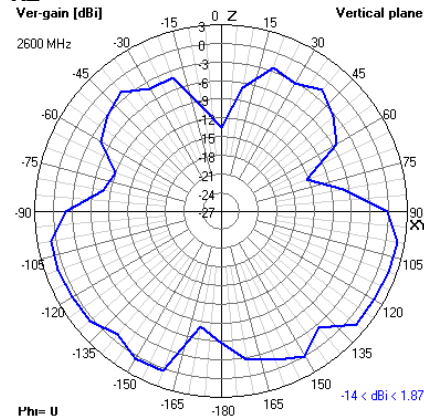
YZ



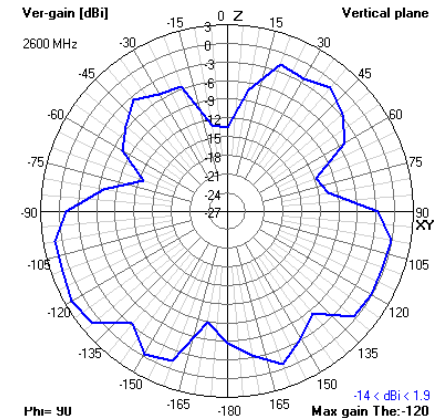
2600 MHz XY



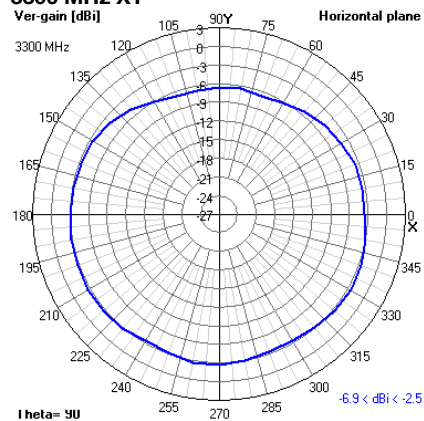
XZ



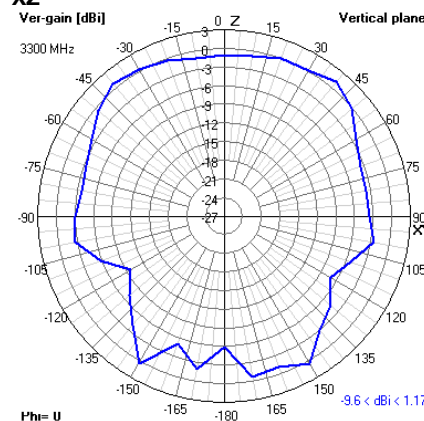
YZ



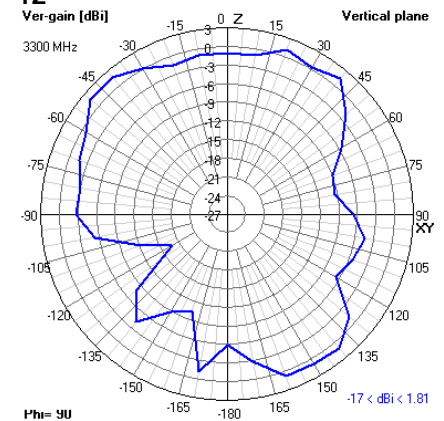
3300 MHz XY



XZ



YZ





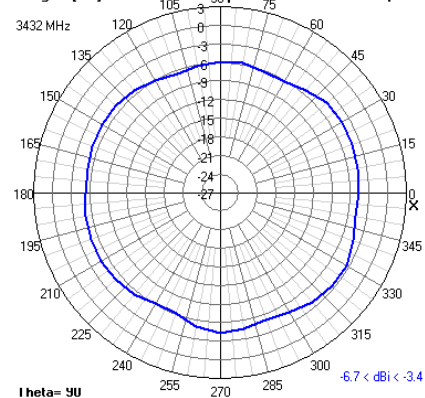
Delta 55

IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

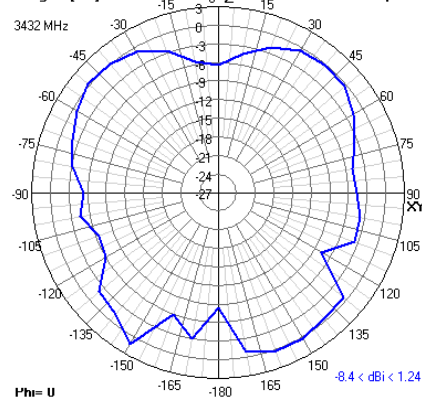
3432 MHz XY

Ver-gain [dBi]	1.05	90Y	75	Horizontal plane
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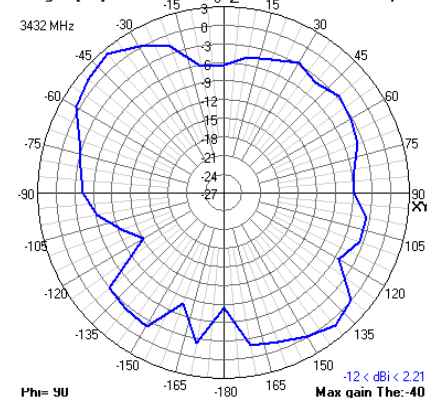
XZ

Ver-gain [dBi]	-15	0	15	Vertical plane
15	15	0	15	
0	0	0	0	
-15	-15	0	-15	



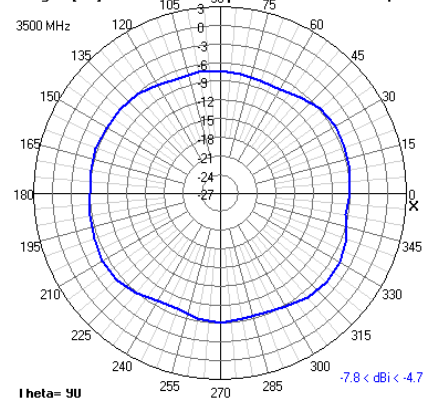
YZ

Ver-gain [dBi]	15	0	15	Vertical plane
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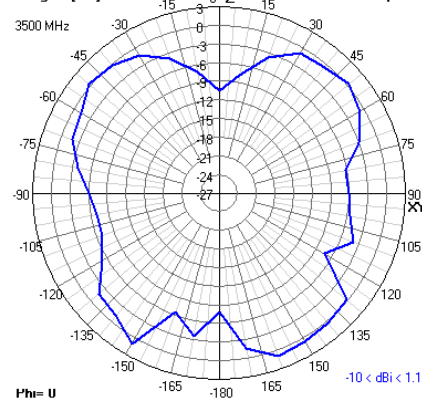
3500 MHz XY

Ver-gain [dBi]	105	90Y	75	Horizontal plane
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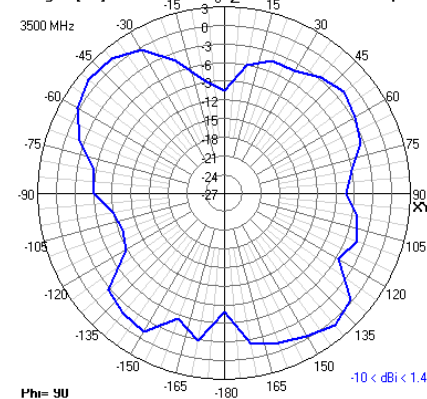
XZ

Ver-gain [dBi]	15	0	Z	15	Vertical plane
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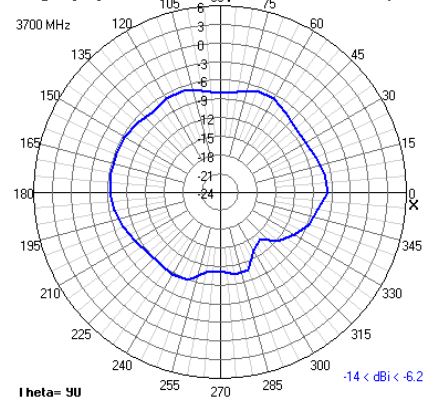
YZ

Ver-gain [dBi] 15 0 15 Vertical plane



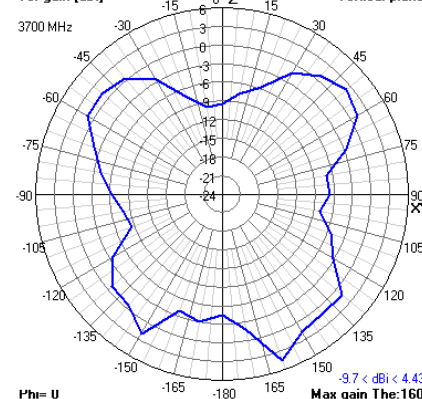
3700 MHz XY

Ver-gain [dBi]	10E	90Y	7E	Horizontal plane
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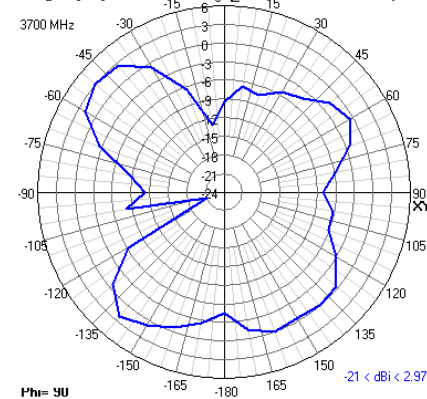
XZ

Ver-gain [dBi]	15	0	15	Vertical plane
15	15	0	15	
0	15	0	15	
-15	15	0	15	
-30	15	0	15	
-45	15	0	15	
-60	15	0	15	
-75	15	0	15	
-90	15	0	15	
-105	15	0	15	
-120	15	0	15	
-135	15	0	15	
-150	15	0	15	
-165	15	0	15	
-180	15	0	15	
-195	15	0	15	
-210	15	0	15	
-225	15	0	15	
-240	15	0	15	
-255	15	0	15	
-270	15	0	15	
-285	15	0	15	
-300	15	0	15	
-315	15	0	15	
-330	15	0	15	
-345	15	0	15	
-360	15	0	15	



YZ

Ver-gain [dBi] 15 0 15 Vertical plane

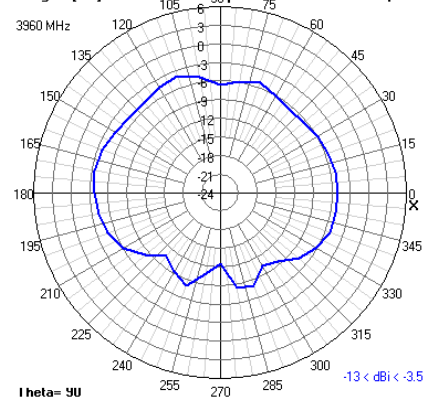


IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

3960 MHz XY

Ver-gain [dBi]

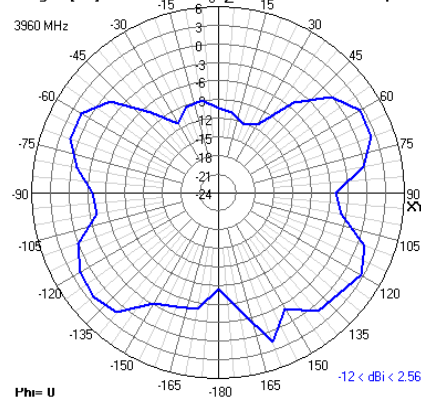
Ver-gain [dBi]	1.05	90Y	75	Horizontal plane
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XZ

Ver-gain [dBi]

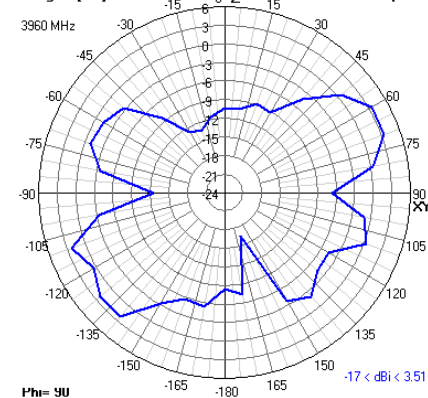
Ver-gain [dBi]	-15	0	15	Vertical plane
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YZ

Ver-gain [dBi]

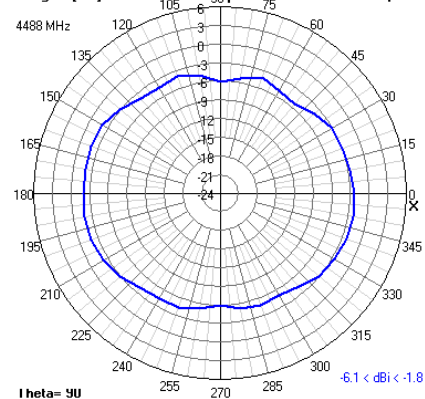
Ver-gain [dBi] 15 0 15 Vertical plane



4488 MHz XY

Ver-gain [dBi]

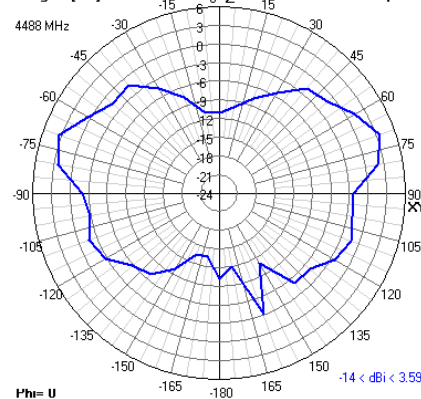
Ver-gain [dBi]	105	90Y	75	Horizontal plane
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XZ

Ver-gain [dBi]

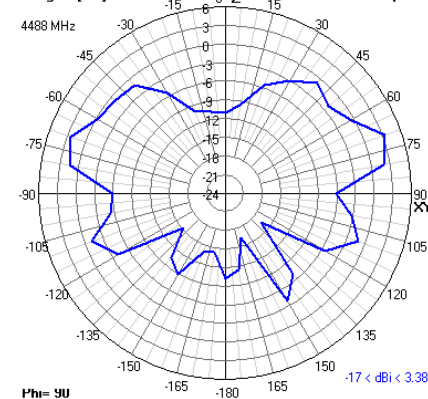
Ver-gain [dBi]	15	0	Z	15	Vertical plane
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YZ

Ver-gain [dBi]

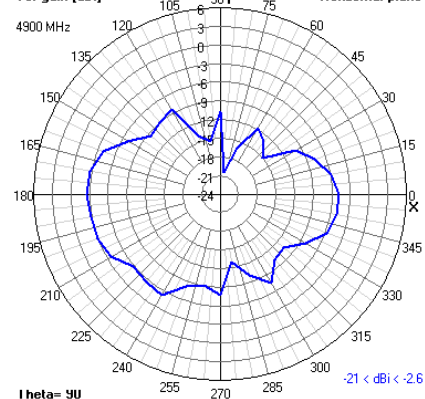
Ver-gain [dBi] 15 0 15 Vertical plane



4900 MHz XY

Ver-gain [dBi]

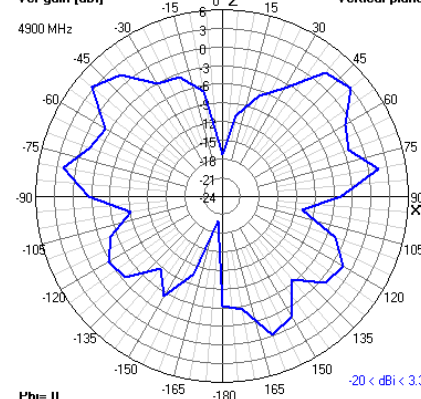
Ver-gain [dBi]	1.05	90Y	75	Horizontal plane
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XZ

Ver-gain [dBi]

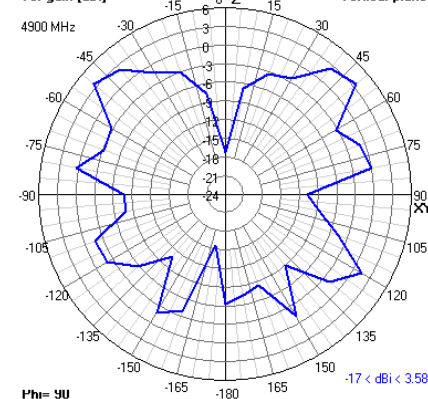
Ver-gain [dBi]				Vertical plane
-10				
0				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				



YZ

Ver-gain [dBi]

Ver-gain [dBi] 15 0 15 Vertical plane



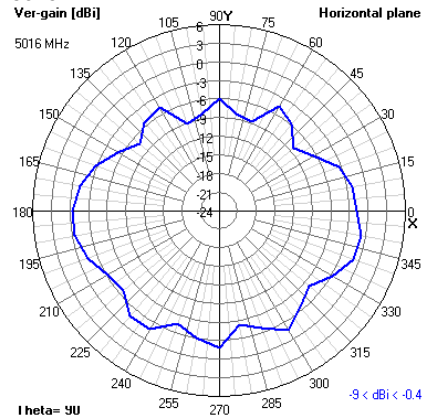


Delta 55

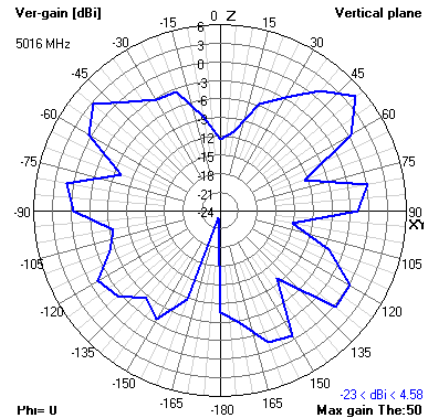
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

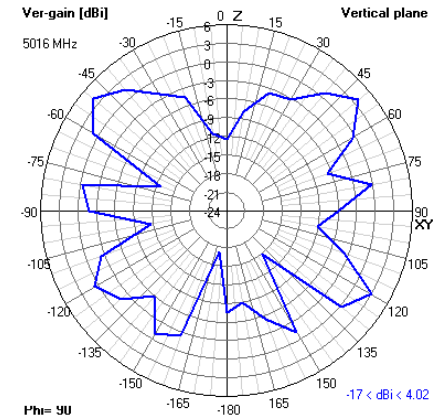
5016 MHz XY



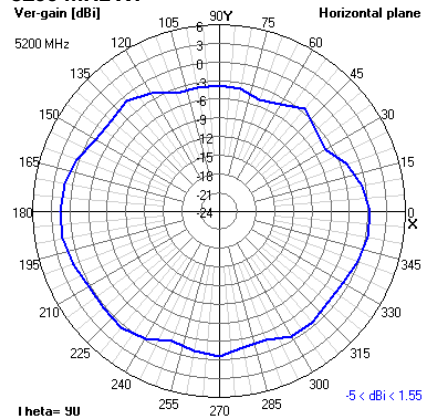
XZ



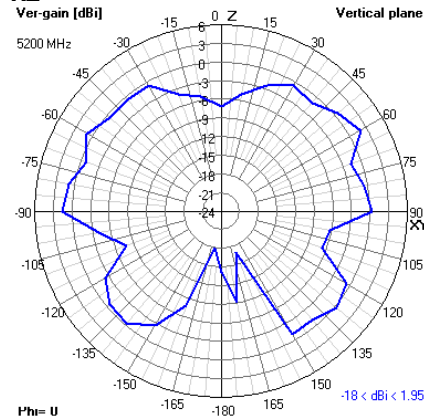
YZ



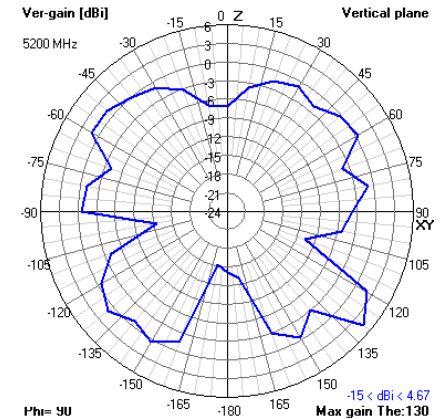
5200 MHz XY



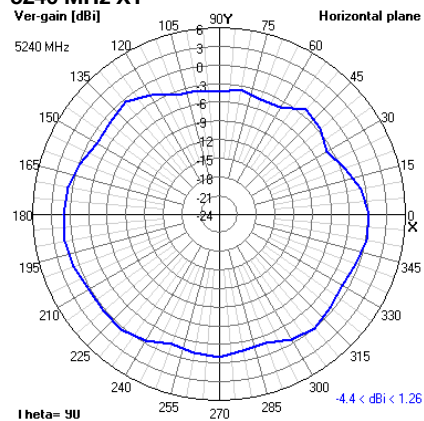
XZ



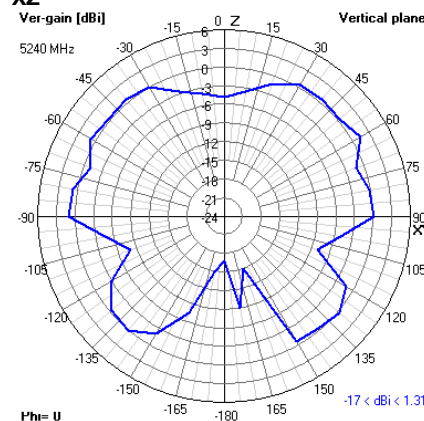
YZ



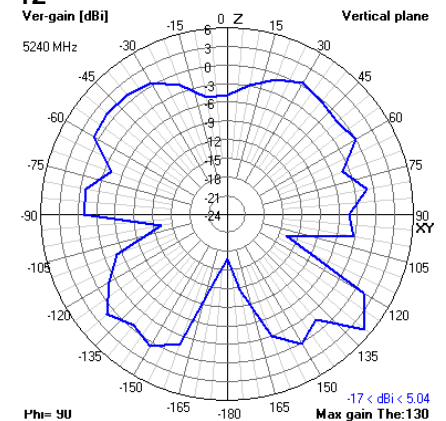
5240 MHz XY



XZ



YZ



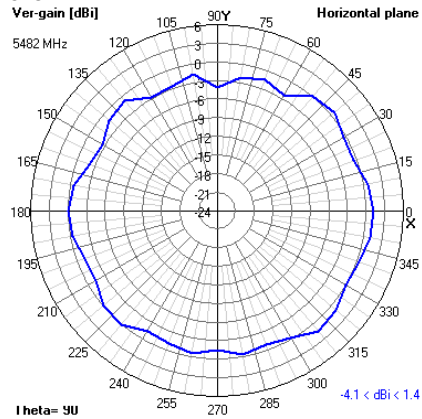


Delta 55

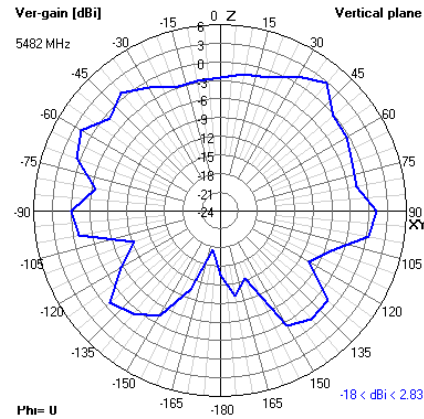
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

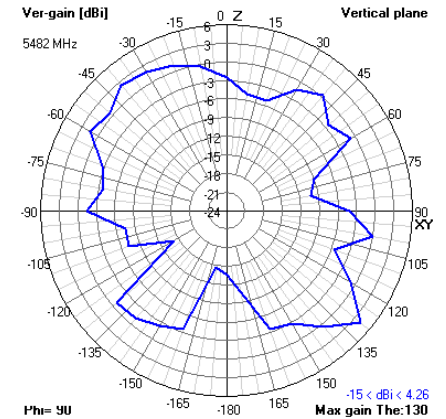
5482 MHz XY



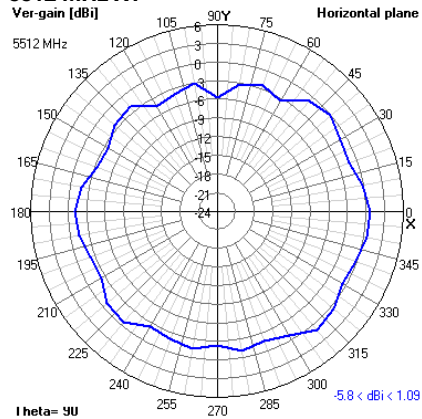
XZ



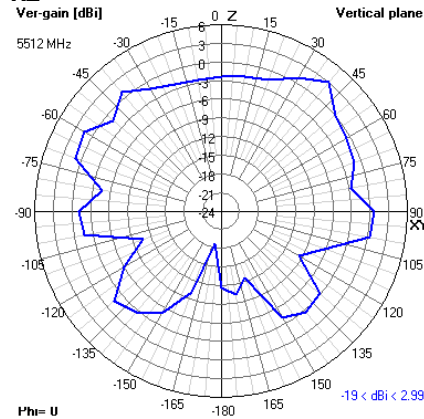
YZ



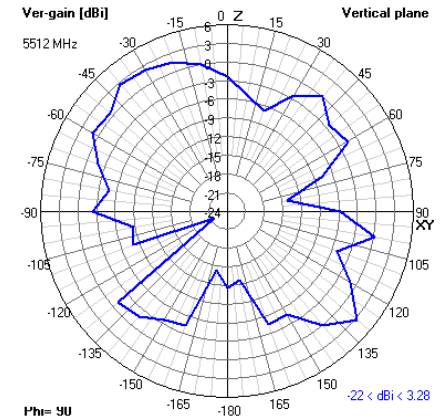
5512 MHz XY



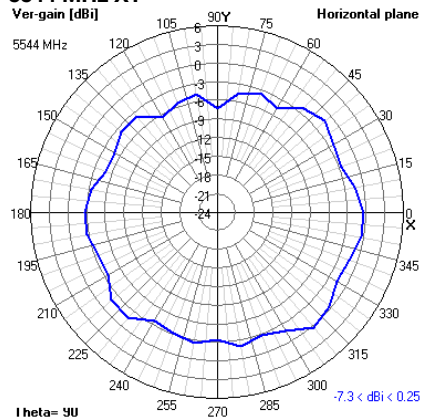
XZ



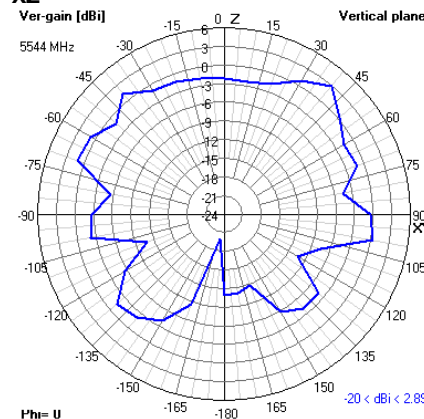
YZ



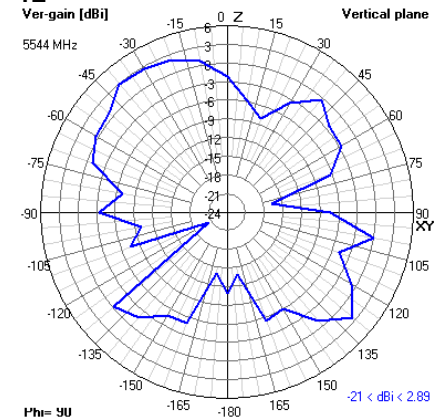
5544 MHz XY



XZ



YZ





IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

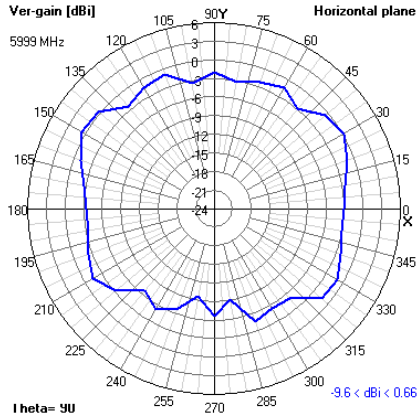


Delta 55

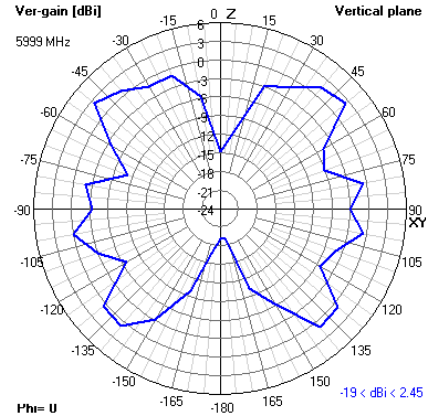
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

2D Radiation Plots

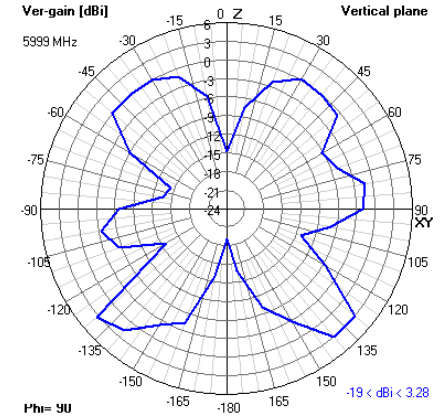
5999 MHz XY



XZ



YZ



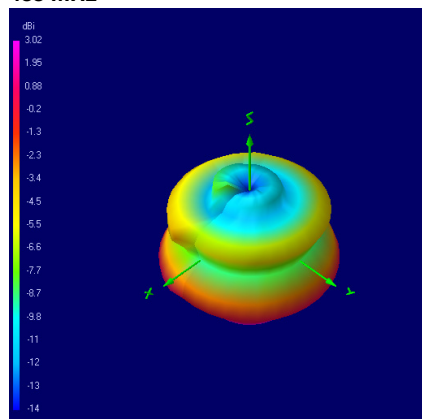


Delta 55

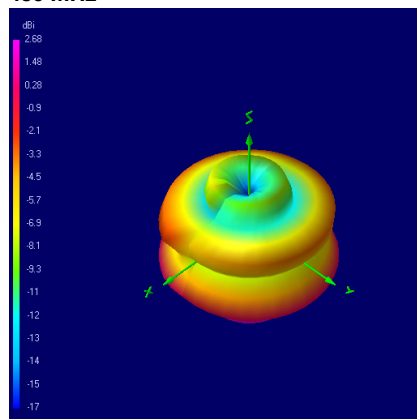
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

3D Radiation Plots

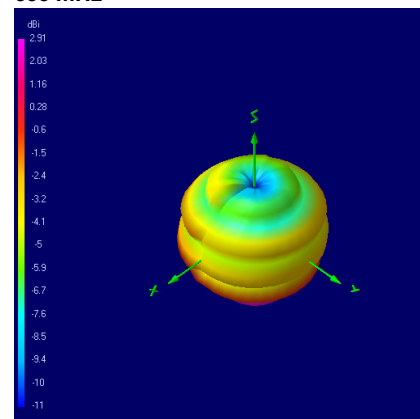
433 MHz



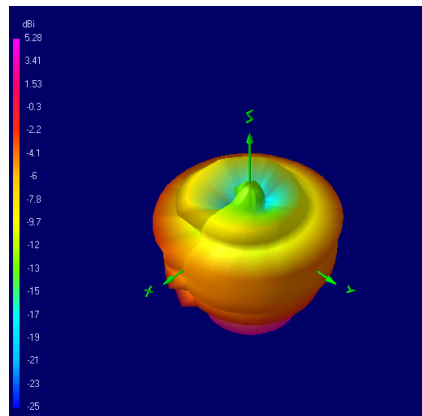
450 MHz



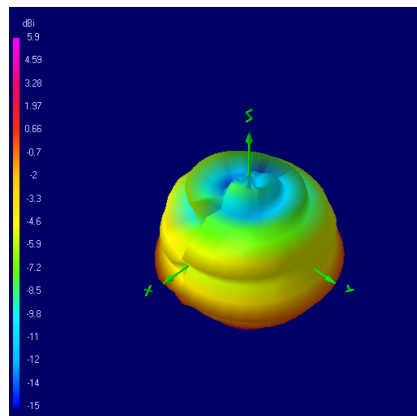
600 MHz



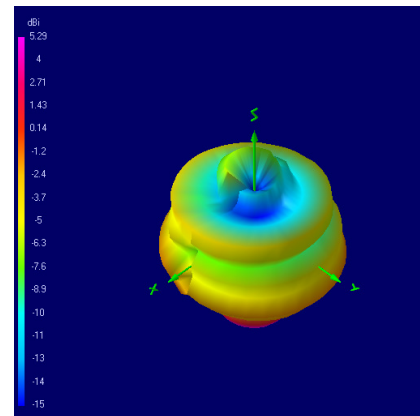
700 MHz



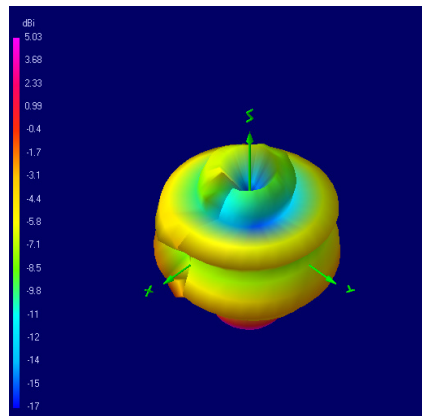
800 MHz



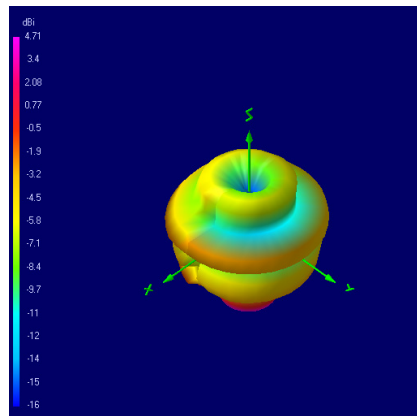
850 MHz



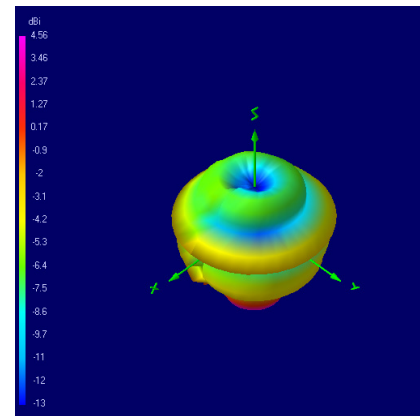
868 MHz



900 MHz



915 MHz

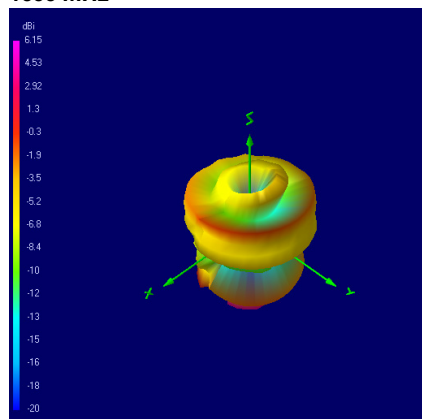


Delta 55

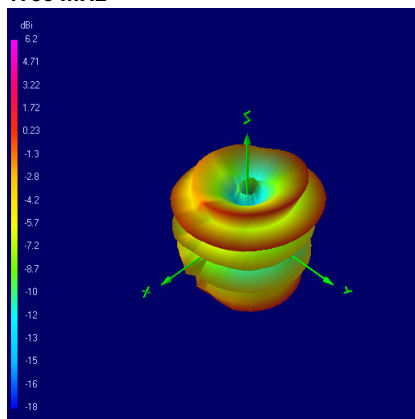
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

3D Radiation Plots

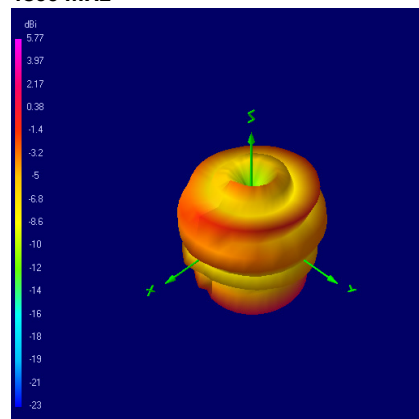
1600 MHz



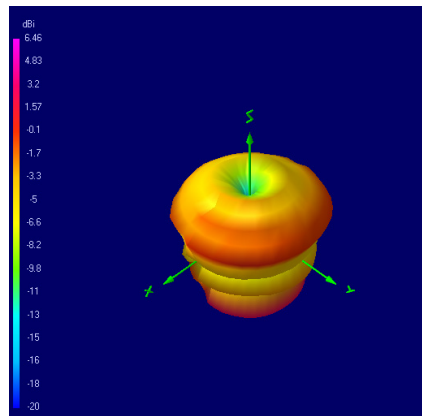
1700 MHz



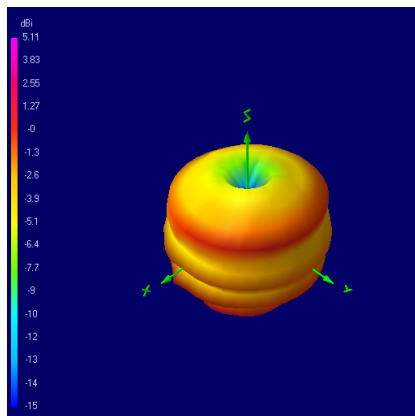
1800 MHz



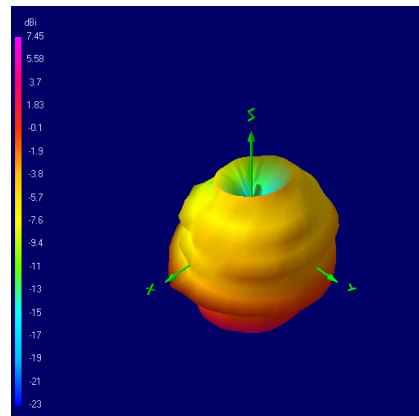
1900 MHz



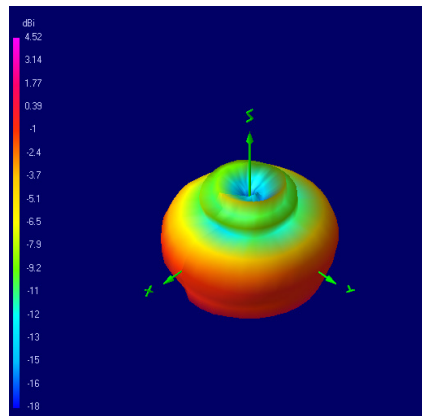
2000 MHz



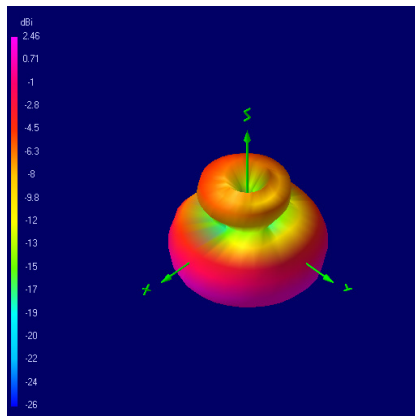
2100 MHz



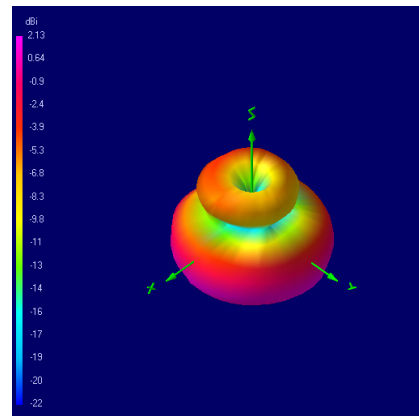
2300 MHz



2400 MHz



2437 MHz



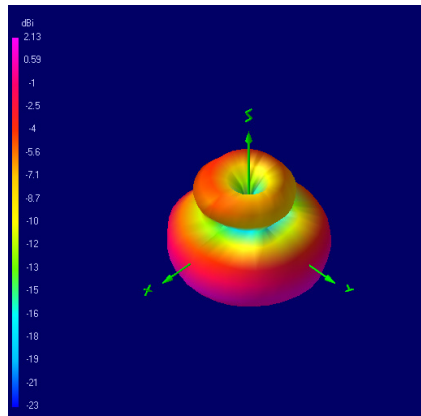


Delta 55

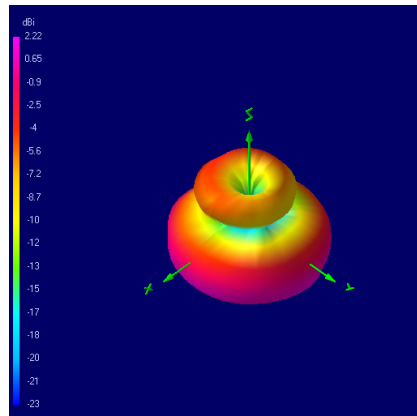
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

3D Radiation Plots

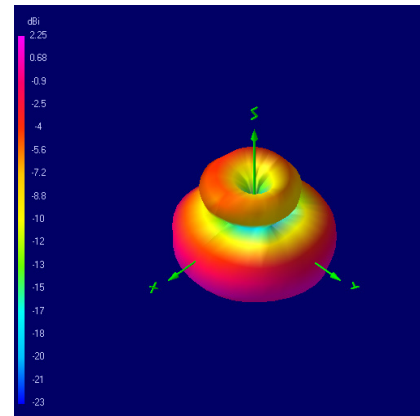
2442 MHz



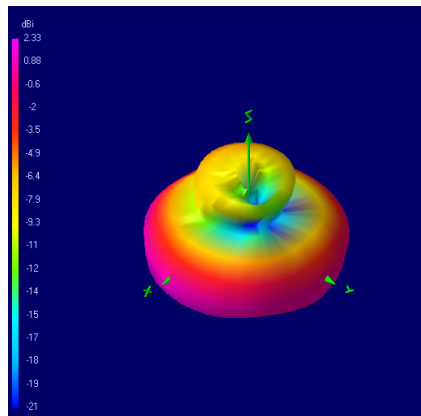
2448 MHz



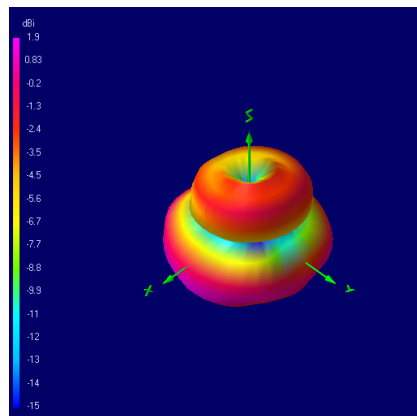
2450 MHz



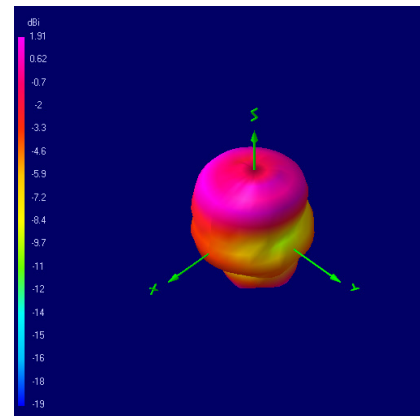
2500 MHz



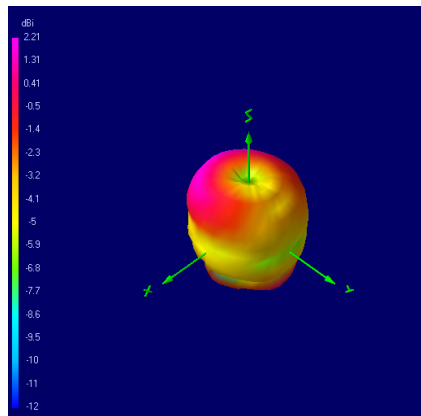
2600 MHz



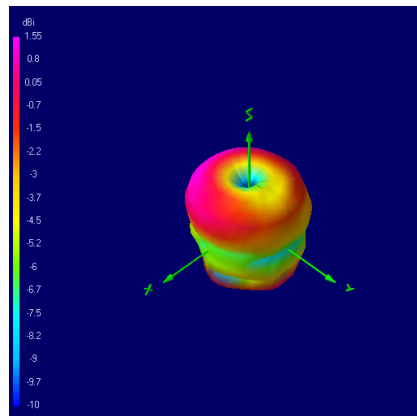
3300 MHz



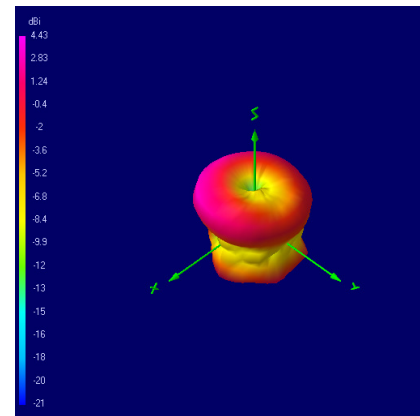
3432 MHz



3500 MHz



3700 MHz

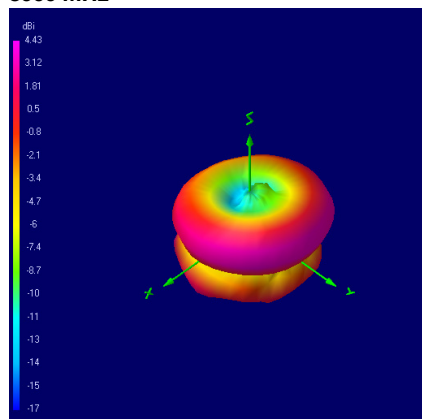


Delta 55

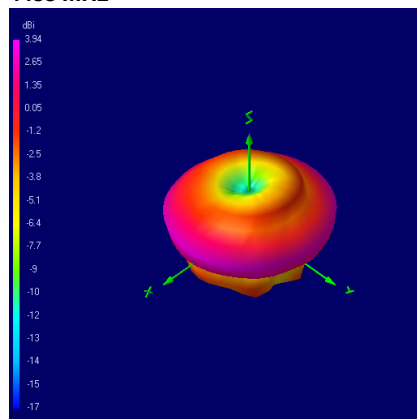
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

3D Radiation Plots

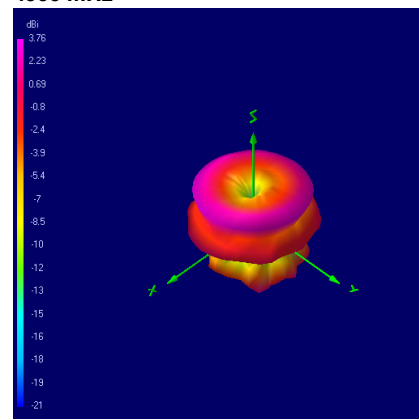
3960 MHz



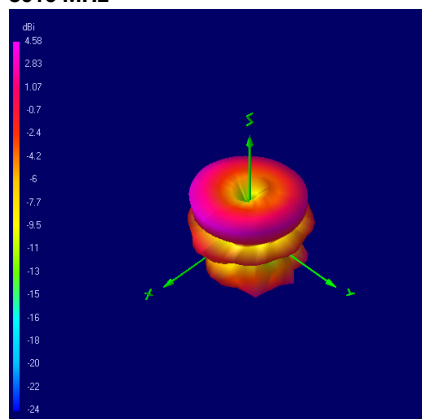
4488 MHz



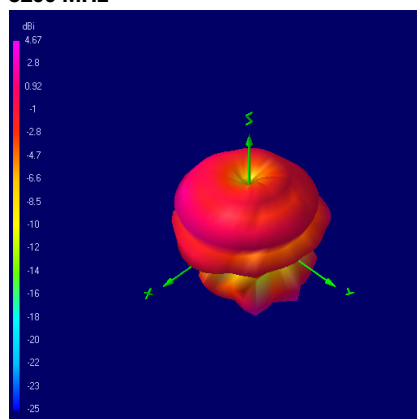
4900 MHz



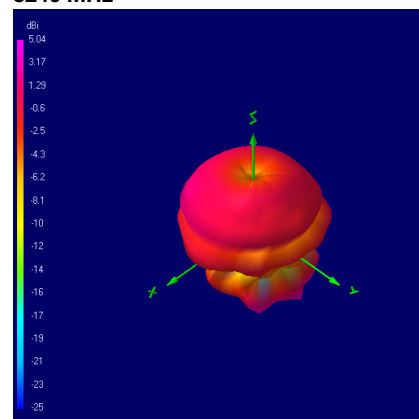
5016 MHz



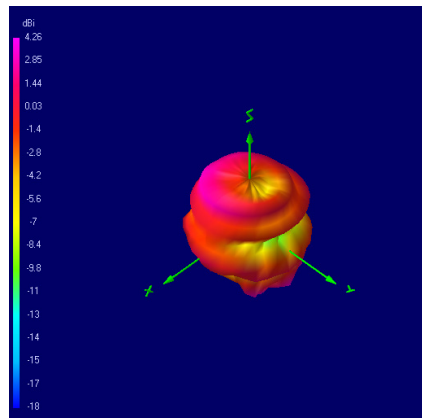
5200 MHz



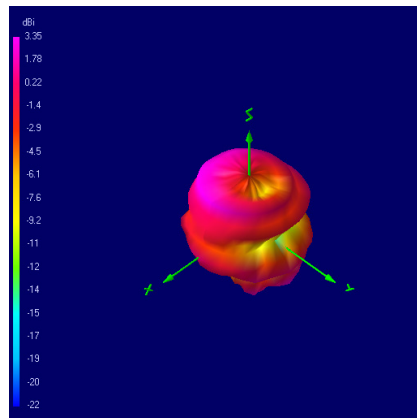
5240 MHz



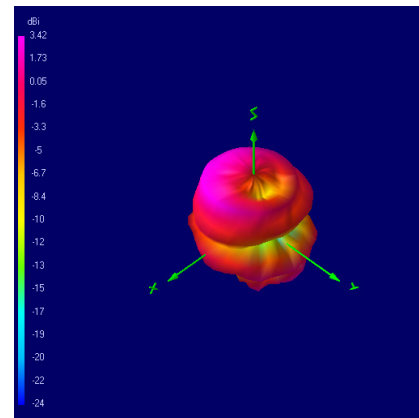
5482 MHz



5512 MHz



5544 MHz



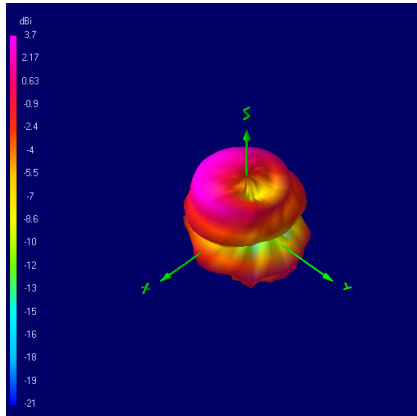


Delta 55

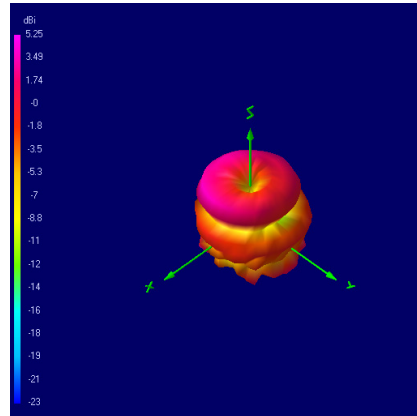
IP67 Wideband 5G/4G Terminal Mount Dipole Antenna

3D Radiation Plots

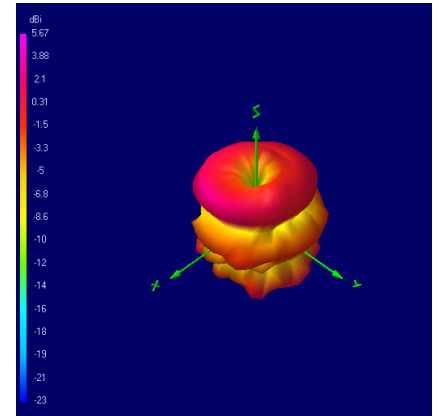
5570 MHz



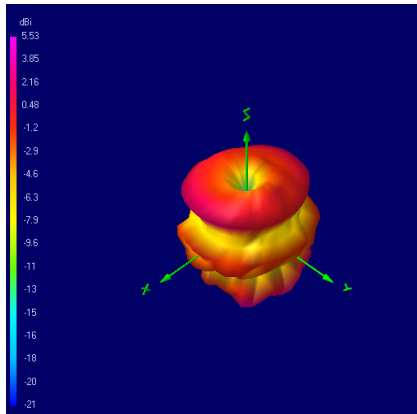
5800 MHz



5900 MHz



5999 MHz



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

Ordering Details:

Part Number	Description
DELTA55/X/SMAM/S/S/32	IP67 Wideband 5G/4G Terminal Mount Dipole Antenna SMA Male Connector

Mouser Electronics

Authorized Distributor

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