



Oscar 40 Pro

5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz



General Description

The Oscar 40 Pro antenna is a versatile outdoor antenna solution designed for both 5G and LTE applications across a broad frequency range from 600 MHz to 8000 MHz.

With an IP67 rating, it is robustly engineered to withstand harsh environments, making it ideal for both indoor and outdoor installations.

The omni-directional radiation pattern and peak gain of up to 5 dBi provide reliable coverage and signal strength, supporting cellular, IoT, and other wireless communication applications.

Flexible mounting options (pole or wall) allow optimal placement, and the antenna is available in white or black finishes to fit various installations.

This antenna is compatible with multiple cellular and IoT applications, offering connectors including SMA Male or N-type Female.

Key Features

- IP67 rated for outdoor durability
- Supports 5G NR, 4G LTE, 3G UMTS, 2G GSM
- Covers LTE Cat M, NB-IoT, and LoRa bands
- Wide frequency range (600-8000 MHz) with high efficiency (~80-90% avg)
- Omni-directional with high peak gains of 3-5 dBi
- Suitable for pole or wall mounting, with optional colour finishes (white/black)
- Available with SMA Male or N-type Female connectors

Typical Applications

- Fixed Wireless Access (FWA) for 4G/5G rural and remote internet
- IoT and LPWAN for asset tracking, agriculture, and monitoring
- Industrial automation and M2M in manufacturing, logistics and utilities
- Smart city infrastructure, lighting, and waste management
- Building and perimeter security for LTE/5G-connected cameras

O Wall/Pole	5G New Radio	4G LTE	3G UMTS	2G GSM	LTE M
LTE NB-IoT	NR NB-IoT	LoRa Wireless	SF Sigfox	W Weightless	HNT Helium
ISM 2.4G	ISM 5.8G	IEEE 802.15.4	WiFi 2.4G & 5G	WiFi 6 802.11ax	WiFi 6e 802.11ax
WiFi 7 802.11be	WLAN 2400	WLAN 5800	BLE Bluetooth	Z Wave	IP 67



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Electrical Specifications

Frequency range:	600 - 8000 MHz
Impedance:	50 Ω
Polarisation:	Vertical
Average gain:	2-5 dBi
Peak gain:	6.73 dBi
Efficiency:	80-90%
VSWR:	<2.5%
Max input power:	50 W
Number of ports:	1
Directionality:	Omni-directional
Ground plane independent:	Yes

Environmental Specifications

IP Rating:	IP67
Operating temperature range:	-45 °C to +75 °C
Storage temperature range:	-50 °C to +75 °C

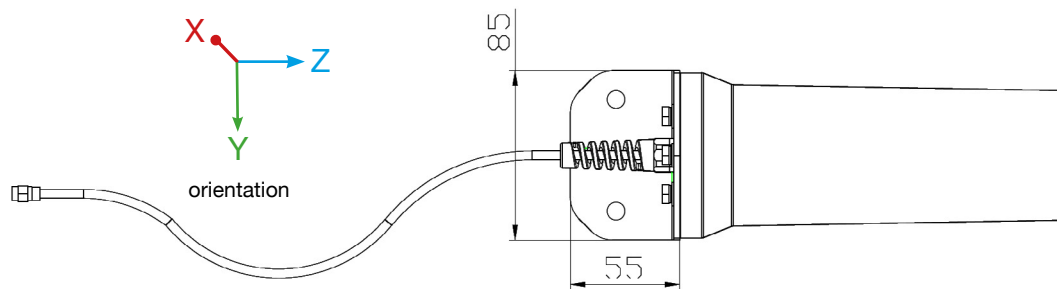
Mechanical Specifications

Dimensions:	Ø 83 mm x 195 mm
Weight:	0.6 kg
Connector:	N-Type Female (without cable), SMA Male
Mounting method:	Pole or wall mount
Cable length:	5 M or separate cable options
Housing materials:	ASA UV-stabilised
Colour Options:	White/Black

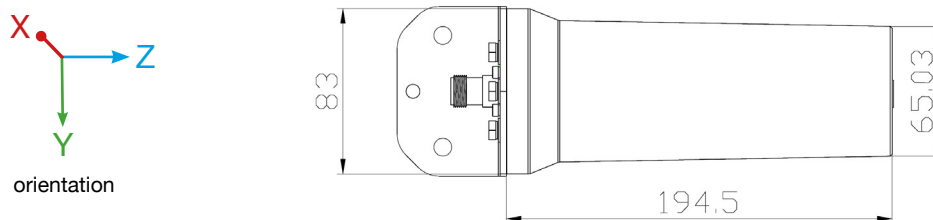
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Dimensional Drawing (with cable)



Dimensional Drawing (without cable)

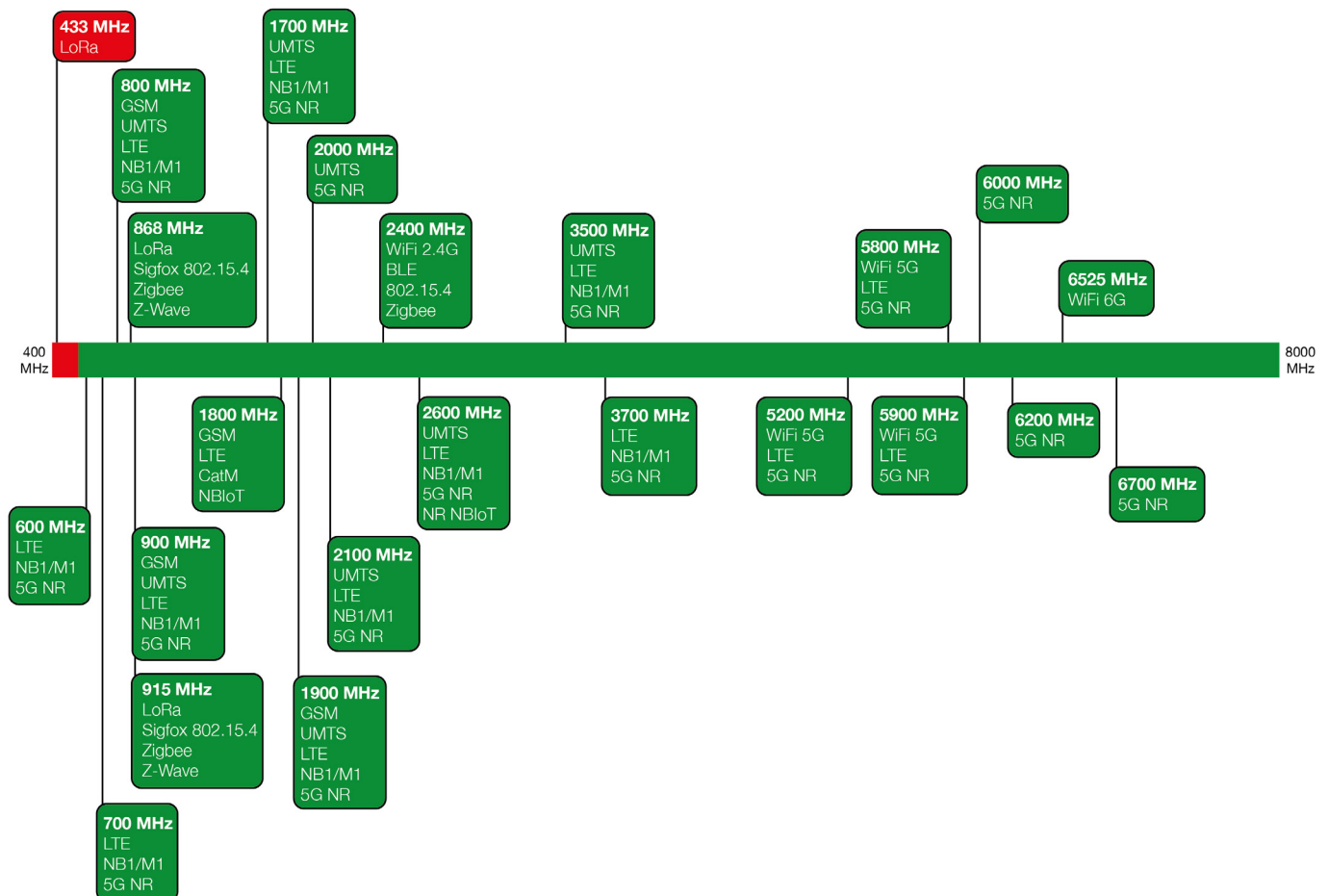




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Spectrum Coverage



● Suitable band

● Adequate band in good signal conditions

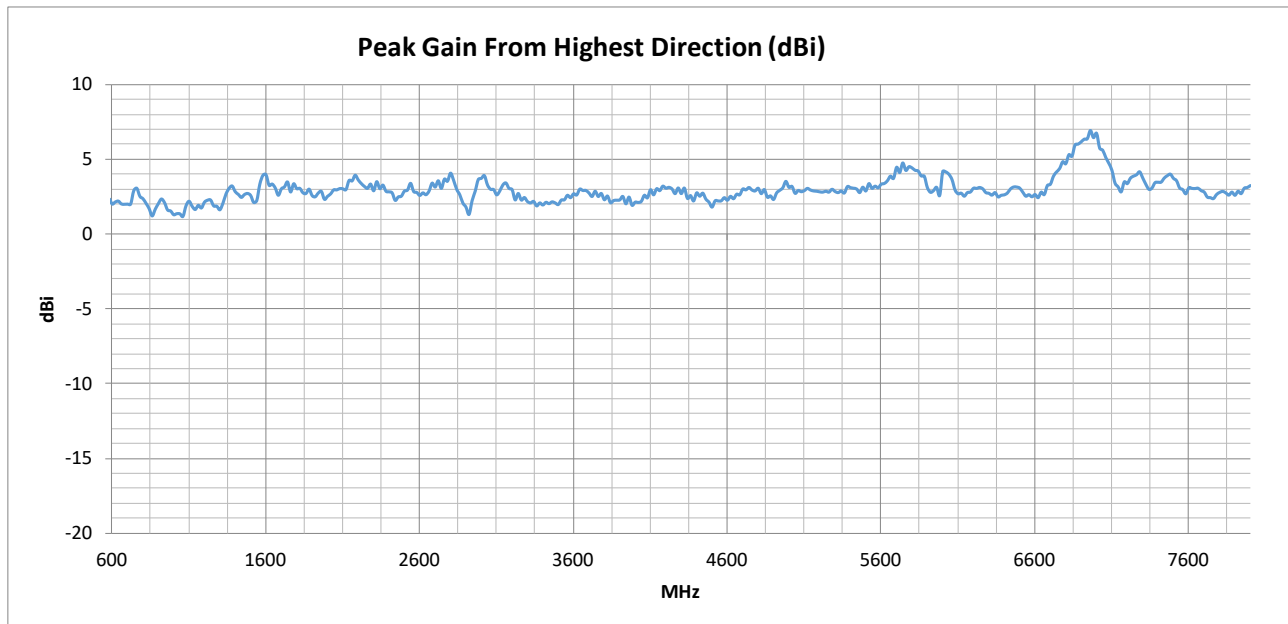
● Likely to be unsuitable



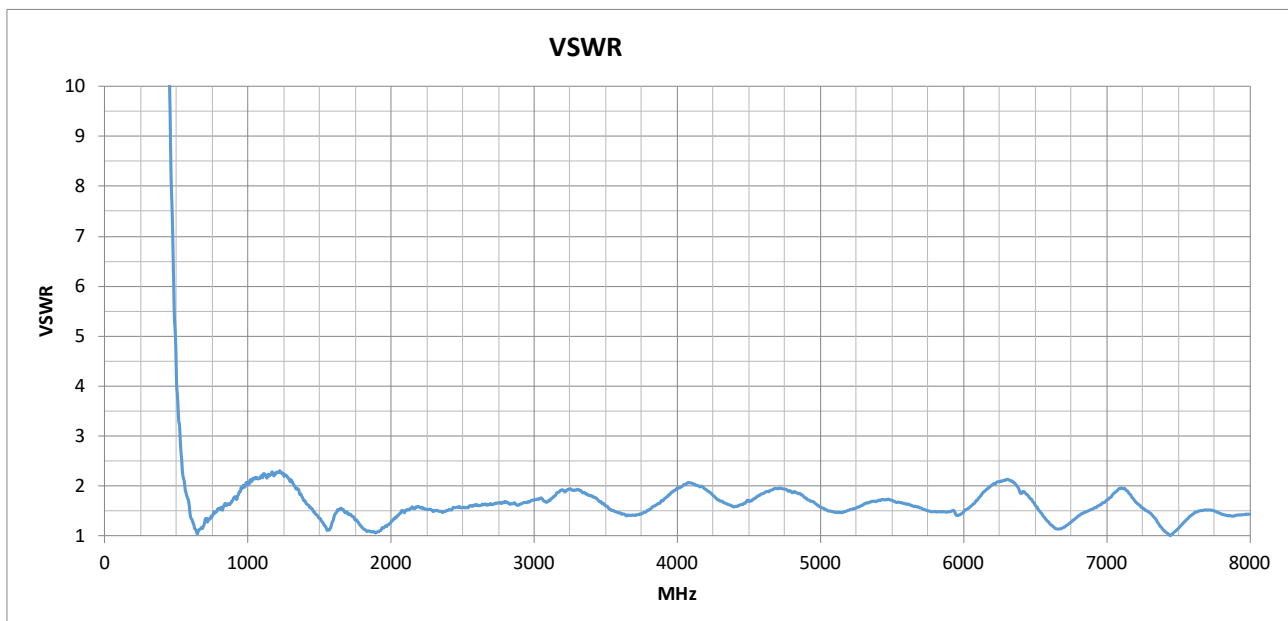
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Peak Gain vs. Frequency



VSWR

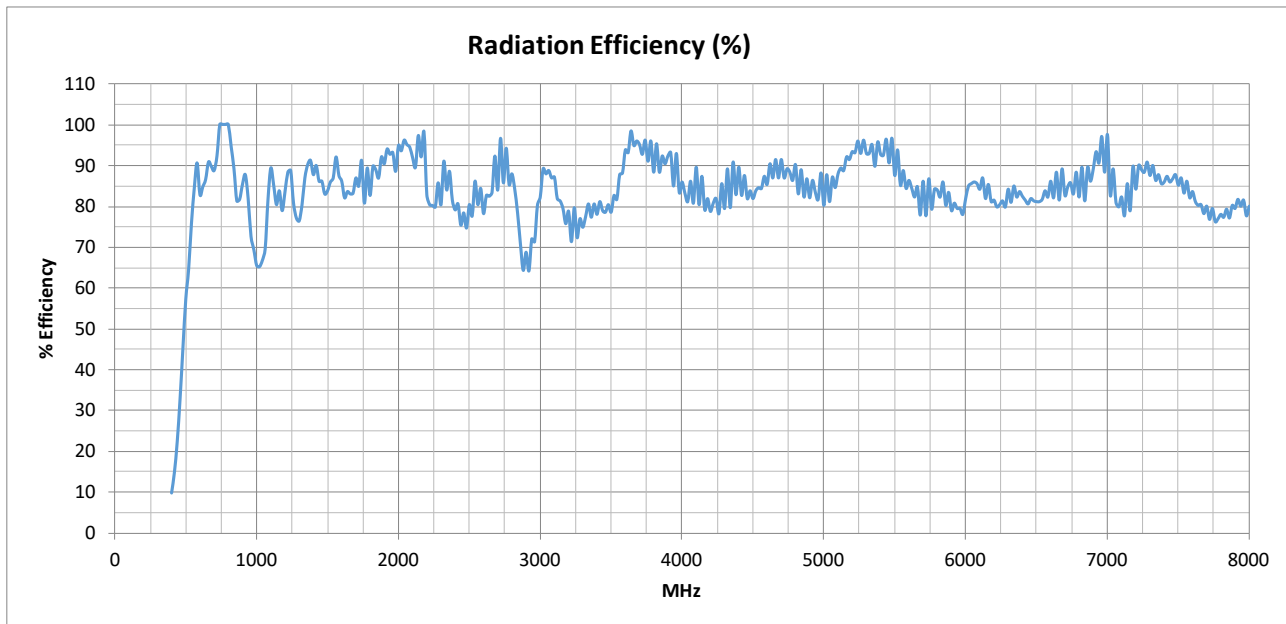




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Radiation Efficiency





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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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5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

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	92.34	93.30	1.22	1.58	●
PCS-1900	2	2	2	2	n2	n2		1850 - 1910 MHz	1930 - 1990 MHz	90.00	91.75	1.10	1.24	●
DCS-1800	3	3	3	3	n3	n3		1710 - 1785 MHz	1805 - 1880 MHz	86.37	88.54	1.44	1.15	●
	4	4	4	4				1710 - 1755 MHz	2110 - 2155 MHz	87.20	93.31	1.44	1.58	●
GSM-850	5	5	5	5	n5	n5		824 - 849 MHz	869 - 894 MHz	89.90	82.33	1.65	1.70	●
	6							830 - 840 MHz	875 - 885 MHz	90.50	81.87	1.63	1.66	●
	7	7	7	7	n7	n7		2500 - 2570 MHz	2620 - 2690 MHz	81.36	85.23	1.60	1.64	●
E-GSM-900	8	8	8	8	n8	n8		880 - 915 MHz	925 - 960 MHz	84.65	80.15	1.78	1.97	●
	9	9						1749.9 - 1784.9 MHz	1844.9 - 1879.9 MHz	85.04	88.69	1.32	1.10	●
	10	10						1710 - 1770 MHz	2110 - 2170 MHz	86.05	93.30	1.44	1.58	●
	11	11	11	11				1427.9 - 1447.9 MHz	1475.9 - 1495.9 MHz	86.81	83.29	1.60	1.43	●
	12	12	12	12	n12	n12		699 - 716 MHz	729 - 746 MHz	90.05	98.62	1.35	1.39	●
	13	13	13	13	n13			777 - 787 MHz	746 - 756 MHz	100.00	100.00	1.50	1.41	●
	14	14	14	14	n14	n14		788 - 798 MHz	758 - 768 MHz	100.00	100.00	1.54	1.48	●
		17		17				704 - 716 MHz	734 - 746 MHz	90.49	99.41	1.35	1.39	●
		18	18	18	n18	n18		815 - 830 MHz	860 - 875 MHz	93.93	81.42	1.57	1.64	●
	19	19	19	19				830 - 845 MHz	875 - 890 MHz	89.71	82.25	1.65	1.69	●
	20	20	20	20	n20	n20		832 - 862 MHz	791 - 821 MHz	86.28	98.02	1.65	1.57	●
	21	21	21	21				1447.9 - 1462.9 MHz	1495.9 - 1510.9 MHz	86.05	84.16	1.54	1.36	●
	22	22						3410 - 3490 MHz	3510 - 3590 MHz	79.56	85.07	1.78	1.59	●
		24	24	24	n24	n24		1626.5 - 1660.5 MHz	1525 - 1559 MHz	83.18	88.10	1.55	1.26	●
	25	25	25	25	n25	n25		1850 - 1915 MHz	1930 - 1995 MHz	90.20	91.81	1.10	1.25	●
	26	26	26	26	n26	n26		814 - 849 MHz	859 - 894 MHz	91.32	82.06	1.65	1.70	●
		27	27					807 - 824 MHz	852 - 869 MHz	95.83	82.07	1.57	1.64	●
		28	28	28	n28	n28		703 - 748 MHz	758 - 803 MHz	94.79	99.97	1.39	1.54	●

● 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	92.50	100.00	1.35	1.51	●
		29			n29			N/A	717 - 728 MHz	N/A	93.31	N/A	1.33	●
		30			n30			2305 - 2315 MHz	2350 - 2360 MHz	85.67	87.37	1.51	1.49	●
		31	31	31				452.5 - 457.5 MHz	462.5 - 467.5 MHz	30.26	35.96	10.56	8.90	●
	32	32						N/A	1452 - 1496 MHz	N/A	84.37	N/A	1.53	●
		33						1900 - 1920 MHz	1900 - 1920 MHz	92.17	92.17	1.09	1.09	●
		34			n34			2010 - 2025 MHz	2010 - 2025 MHz	93.87	93.87	1.35	1.35	●
		35						1850 - 1910 MHz	1850 - 1910 MHz	90.00	90.00	1.10	1.10	●
		36						1930 - 1990 MHz	1930 - 1990 MHz	91.75	91.75	1.24	1.24	●
		37						1910 - 1930 MHz	1910 - 1930 MHz	93.36	93.36	1.11	1.11	●
		38			n38			2570 - 2620 MHz	2570 - 2620 MHz	81.32	81.32	1.62	1.62	●
		39	39		n39			1880 - 1920 MHz	1880 - 1920 MHz	91.69	91.69	1.09	1.09	●
		40	40		n40			2300 - 2400 MHz	2300 - 2400 MHz	84.92	84.92	1.51	1.51	●
		41	41	41	n41	n41		2496 - 2690 MHz	2496 - 2690 MHz	82.71	82.71	1.64	1.64	●
		42	42	42				3400 - 3600 MHz	3400 - 3600 MHz	82.33	82.33	1.81	1.81	●
		43	43	43				3600 - 3800 MHz	3600 - 3800 MHz	94.41	94.41	1.51	1.51	●
		44						703 - 803 MHz	703 - 803 MHz	97.64	97.64	1.54	1.54	●
		45						1447 - 1467 MHz	1447 - 1467 MHz	85.91	85.91	1.55	1.55	●
		46			n46			5150 - 5925 MHz	5150 - 5925 MHz	88.08	88.08	1.73	1.73	●
		47			n47			5855 - 5925 MHz	5855 - 5925 MHz	80.87	80.87	1.51	1.51	●
		48	48	48	n48			3550 - 3700 MHz	3550 - 3700 MHz	93.15	93.15	1.51	1.51	●
		49						3550 - 3700 MHz	3550 - 3700 MHz	93.15	93.15	1.51	1.51	●
		50			n50			1432 - 1517 MHz	1432 - 1517 MHz	84.88	84.88	1.58	1.58	●
		51			n51			1427 - 1432 MHz	1427 - 1432 MHz	88.12	88.12	1.61	1.61	●
		52						3300 - 3400 MHz	3300 - 3400 MHz	78.44	78.44	1.93	1.93	●

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GSM (2G) Band	UMTS (3G) Band	E-UTRA (4G) Band	Cat M E-UTRA Band	Cat NB E-UTRA Band	NR (5G) Band	Cat NB NR (5G) Band	NTN Band	Uplink	Downlink	Average Upload Efficiency (%)	Average Download Efficiency (%)	Maximum Upload VSWR	Maximum Download VSWR	Use Indicator
		53			n53			2483.5 - 2495 MHz	2483.5 - 2495 MHz	77.28	77.28	1.57	1.57	●
								1670 - 1675 MHz	1670 - 1675 MHz	83.10	83.10	1.52	1.52	●
		65		65	n65	n65		1920 - 2010 MHz	2110 - 2200 MHz	92.44	93.04	1.30	1.59	●
		66	66	66	n66	n66		1710 - 1780 MHz	2110 - 2200 MHz	86.22	93.04	1.44	1.59	●
		67			n67			N/A	738 - 758 MHz	N/A	99.96	N/A	1.42	●
		68						698 - 728 MHz	753 - 783 MHz	91.26	100.00	1.35	1.48	●
		69						N/A	2570 - 2620 MHz	N/A	81.32	N/A	1.62	●
		70		70	n70	n70		1695 - 1710 MHz	1995 - 2020 MHz	86.41	94.16	1.47	1.34	●
		71	71	71	n71	n71		663 - 698 MHz	617 - 652 MHz	89.72	86.27	1.24	1.29	●
		72	72	72				451 - 456 MHz	461 - 466 MHz	29.47	35.04	10.82	9.20	●
		73	73	73				450 - 455 MHz	460 - 465 MHz	28.95	34.42	10.98	9.41	●
		74	74	74	n74	n74		1427 - 1470 MHz	1475 - 1518 MHz	86.30	83.94	1.61	1.43	●
		75			n75			N/A	1432 - 1517 MHz	N/A	84.88	N/A	1.58	●
		76			n76			N/A	1427 - 1432 MHz	N/A	88.12	N/A	1.61	●
					n77			3300 - 4200 MHz	3300 - 4200 MHz	86.47	86.47	2.07	2.07	●
					n78			3300 - 3800 MHz	3300 - 3800 MHz	86.39	86.39	1.93	1.93	●
					n79			4400 - 5000 MHz	4400 - 5000 MHz	85.92	85.92	1.95	1.95	●
					n80			1710 - 1785 MHz	N/A	86.37	N/A	1.44	N/A	●
					n81			880 - 915 MHz	N/A	84.65	N/A	1.78	N/A	●
					n82			832 - 862 MHz	N/A	86.28	N/A	1.65	N/A	●
					n83			703 - 748 MHz	N/A	94.79	N/A	1.39	N/A	●
					n84			1920 - 1980 MHz	N/A	92.34	N/A	1.22	N/A	●
		85	85	85	n85			698 - 716 MHz	728 - 746 MHz	89.98	98.45	1.35	1.39	●
					n86			1710 - 1780 MHz	N/A	86.22	N/A	1.44	N/A	●
		87	87	87				410 - 415 MHz	420 - 425 MHz	12.90	15.74	21.00	17.21	●

● 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	13.40	16.50	20.06	16.56	●
					n89			824 - 849 MHz	N/A	89.90	N/A	1.65	N/A	●
					n90	n90		2496 - 2690 MHz	2496 - 2690 MHz	82.71	82.71	1.64	1.64	●
					n91			832 - 862 MHz	1427 - 1432 MHz	86.28	88.12	1.65	1.61	●
					n92			832 - 862 MHz	1432 - 1517 MHz	86.28	84.88	1.65	1.58	●
					n93			880 - 915 MHz	1427 - 1432 MHz	84.65	88.12	1.78	1.61	●
					n94			880 - 915 MHz	1432 - 1517 MHz	84.65	84.88	1.78	1.58	●
					n95			2010 - 2025 MHz	N/A	93.87	N/A	1.35	N/A	●
					n96			5925 - 7125 MHz	5925 - 7125 MHz	84.44	84.44	2.13	2.13	●
					n97			2300 - 2400 MHz	N/A	84.92	N/A	1.51	N/A	●
					n98			1880 - 1920 MHz	N/A	91.69	N/A	1.09	N/A	●
					n99			1626.5 - 1660.5 MHz	N/A	83.18	N/A	1.55	N/A	●
1900					n101			1900 - 1910 MHz	1900 - 1910 MHz	91.27	91.27	1.08	1.08	●
					n102			5925 - 6425 MHz	5925 - 6425 MHz	83.33	83.33	2.13	2.13	●
				103				787 - 788 MHz	757 - 758 MHz	100.00	100.00	1.51	1.42	●
					n104			6425 - 7125 MHz	6425 - 7125 MHz	85.23	85.23	1.96	1.96	●
								663 - 703 MHz	612 - 652 MHz	89.62	86.01	1.31	1.32	●
						n254		1610 - 1625.5 MHz	2483.5 - 2500 MHz	82.77	78.00	1.50	1.57	●
						n255		1626.5 - 1660.5 MHz	1525 - 1559 MHz	83.18	88.10	1.55	1.26	●
						n256		1980 - 2010 MHz	2170 - 2200 MHz	92.62	92.53	1.30	1.59	●

● 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 2.4 GHz	2400 - 2500 MHz	84.37	1.58	4.68	●
Wi-Fi 2.4G	2401 - 2483 MHz	84.64	1.56	4.68	●
Wi-Fi 2.4G (USA)	2401 - 2473 MHz	85.14	1.54	4.68	●
Wi-Fi 2.4G (Japan)	2401 - 2495 MHz	84.36	1.58	4.68	●
Wi-Fi 5G (all channels)	5150 - 5990 MHz	90.42	1.68	4.97	●
Wi-Fi 5G (Ch 32-48)	5150 - 5250 MHz	96.43	1.64	3.26	●
Wi-Fi 5G (Ch 32-64)	5150 - 5330 MHz	97.00	1.64	3.26	●
Wi-Fi 5G (Ch 32-161)	5150 - 5815 MHz	91.34	1.68	4.97	●
Wi-Fi 5G (Ch 32-173)	5150 - 5875 MHz	91.12	1.68	4.97	●
Wi-Fi 6E (Ch 1-93)	5925 - 6425 MHz	83.33	2.13	4.59	●
Wi-Fi 6E (all channels)	5925 - 7125 MHz	84.44	2.13	6.92	●
ISM 5.8 GHz	5725 - 5875 MHz	87.64	1.66	4.76	●
UWB band 1	3168 - 3696 MHz	85.75	2.03	3.35	●
UWB band 2	3696 - 4224 MHz	88.70	2.01	3.38	●
UWB band 3	4224 - 4752 MHz	90.48	1.92	3.64	●
UWB band 4	4752 - 5280 MHz	89.79	1.81	3.61	●
UWB band 5	5280 - 5808 MHz	90.02	1.68	4.97	●
UWB band 6	5808 - 6336 MHz	84.41	2.13	4.74	●
UWB band 7	6336 - 6864 MHz	83.70	2.10	5.96	●
UWB band 8	6864 - 7392 MHz	87.24	1.96	6.92	●
UWB band 9	7392 - 7920 MHz	81.55	1.52	4.00	●

● 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.

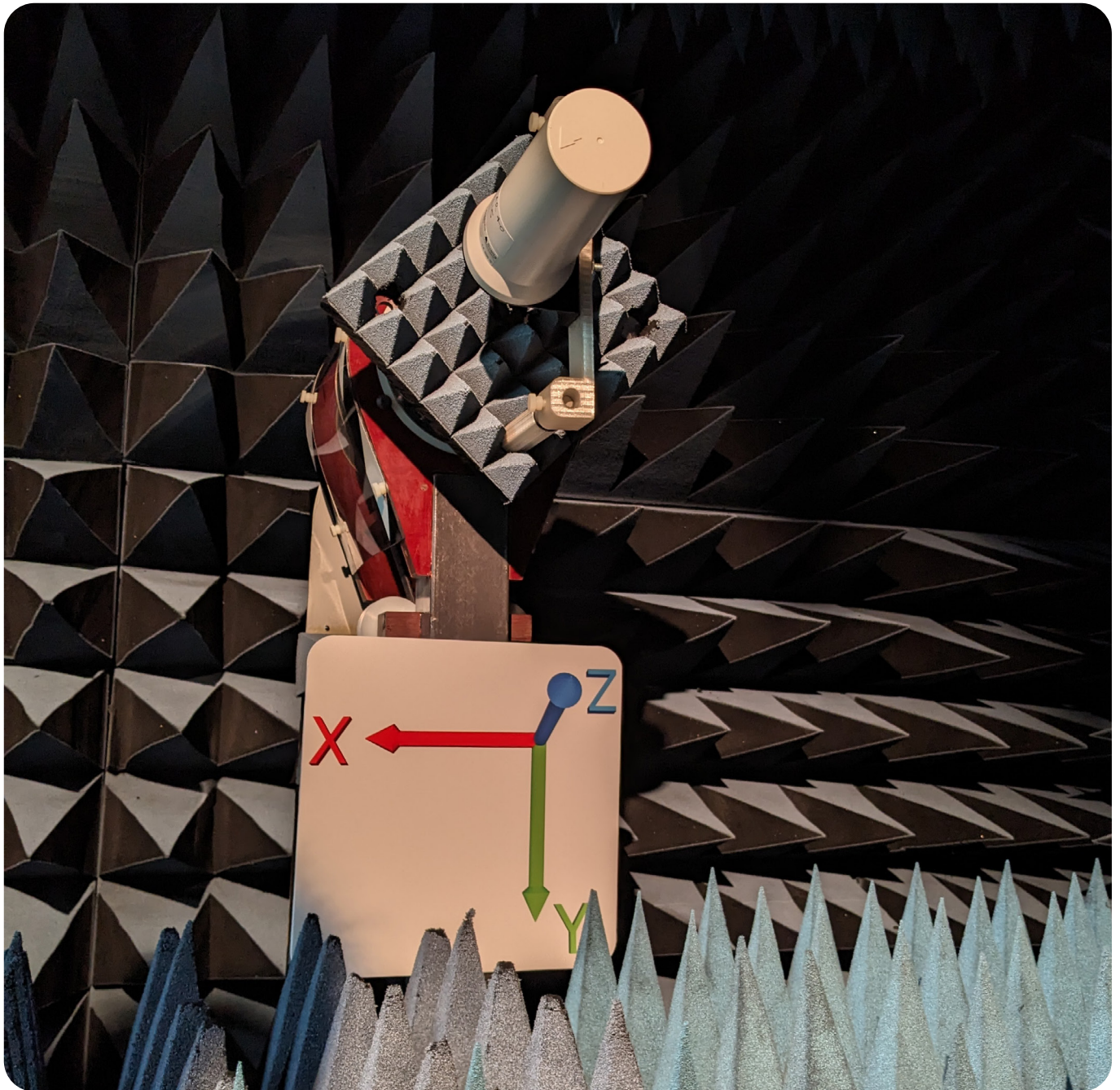
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Test Setup (in Free Space)

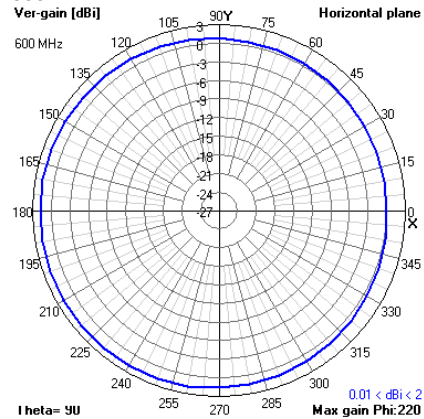


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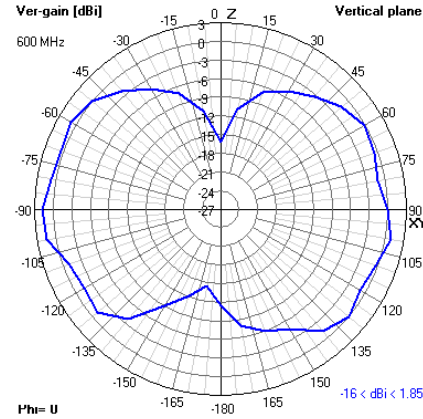
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2D Radiation Plots

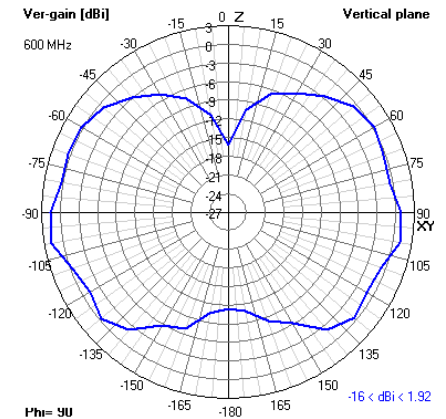
600 MHz XY



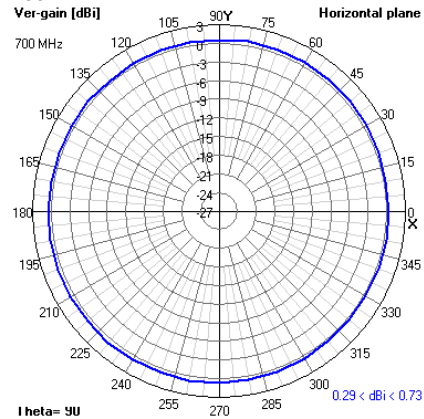
XZ



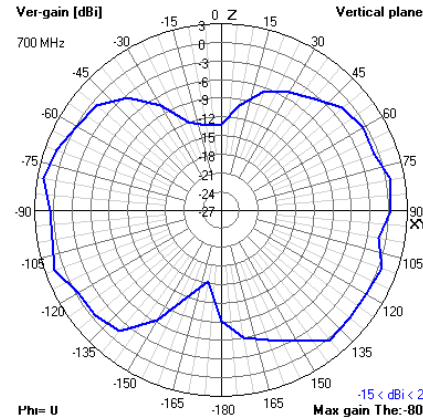
YZ



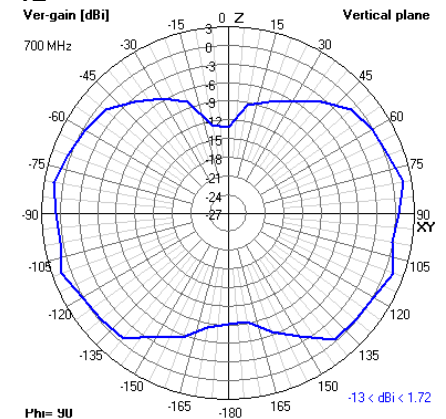
700 MHz XY



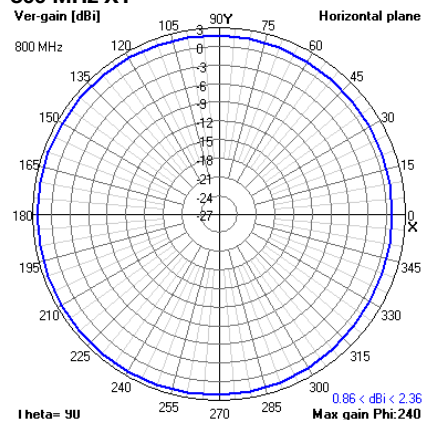
XZ



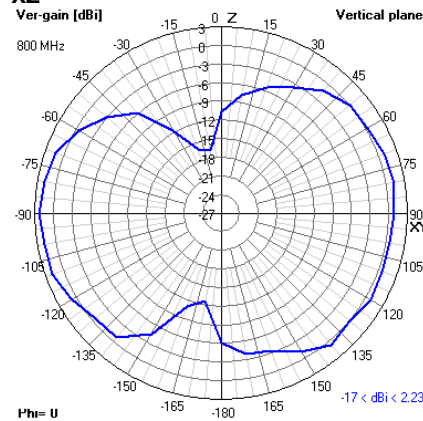
YZ



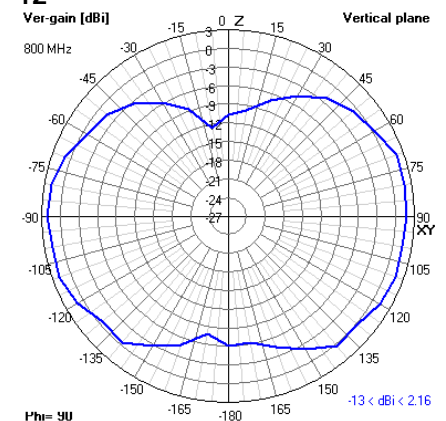
800 MHz XY



XZ



YZ

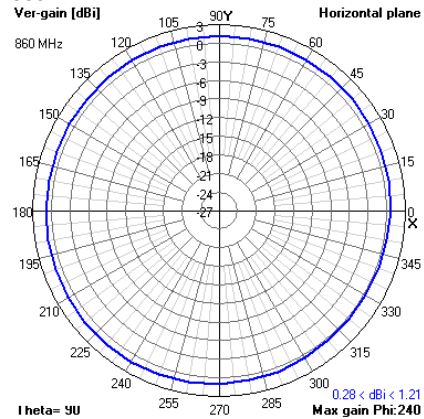


Oscar 40 Pro

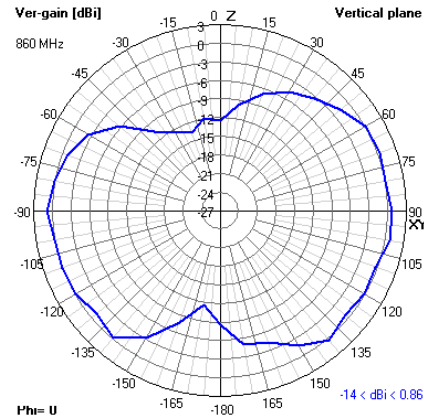
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

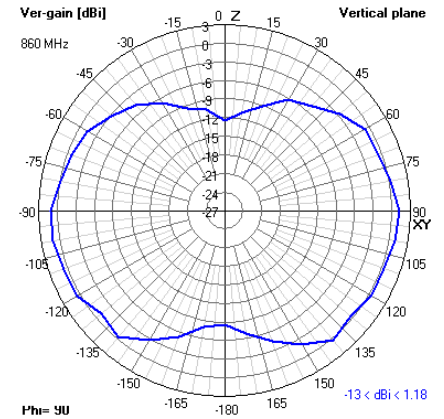
860 MHz XY



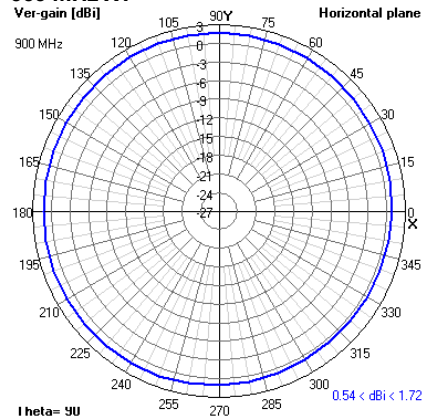
XZ



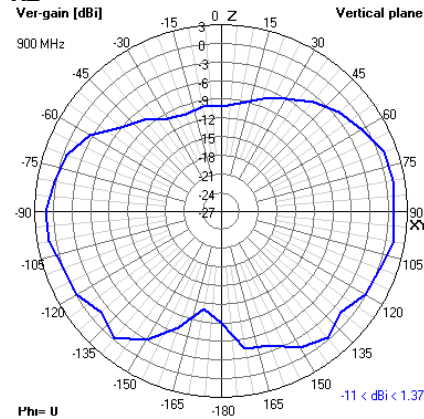
YZ



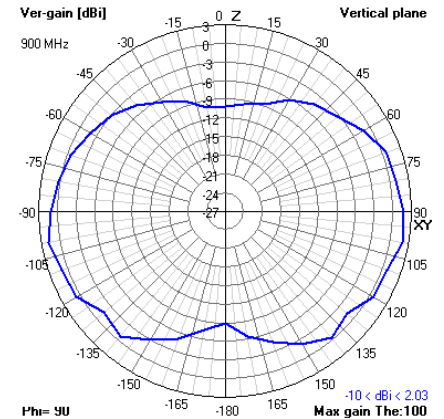
900 MHz XY



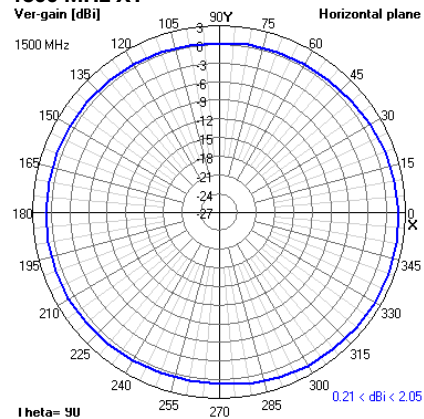
XZ



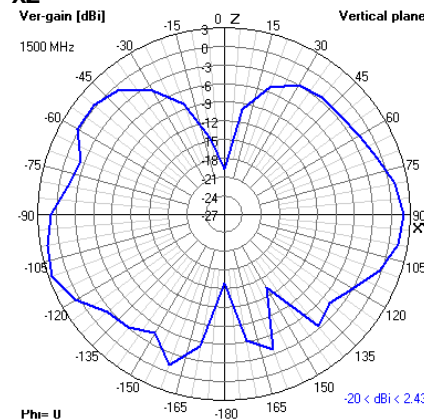
YZ



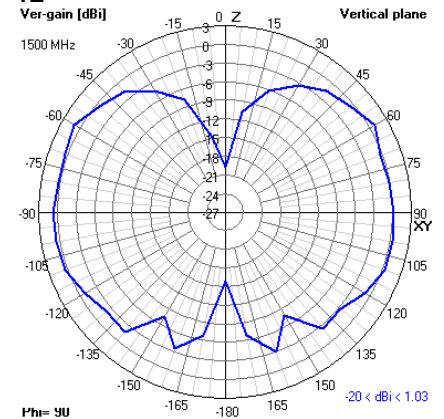
1500 MHz XY



XZ



YZ



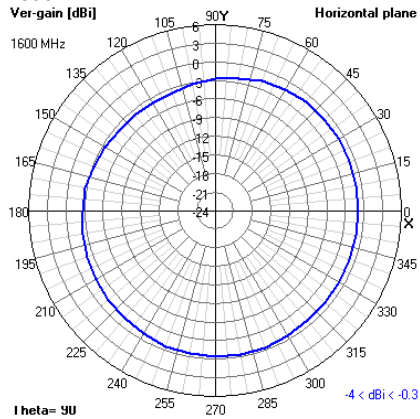


Oscar 40 Pro

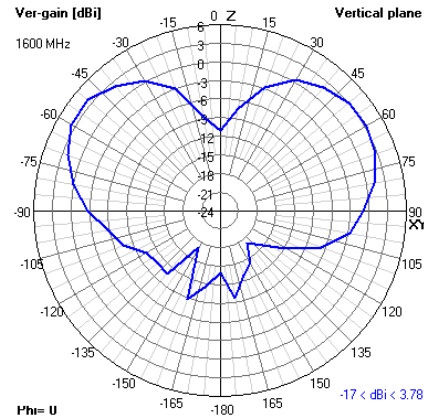
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

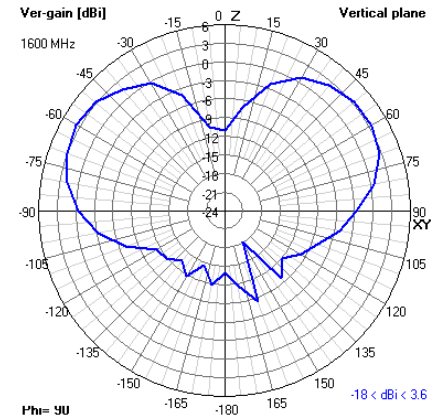
1600 MHz XY



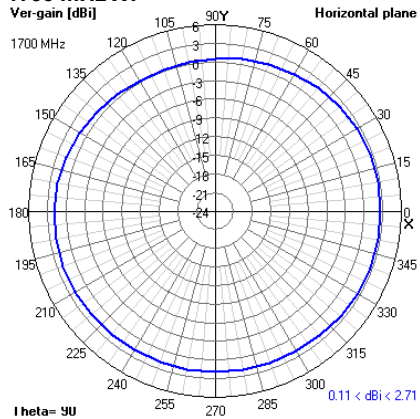
XZ



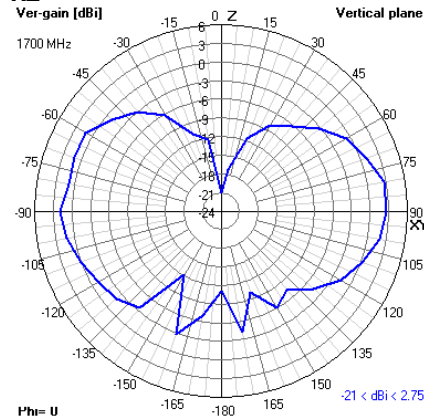
YZ



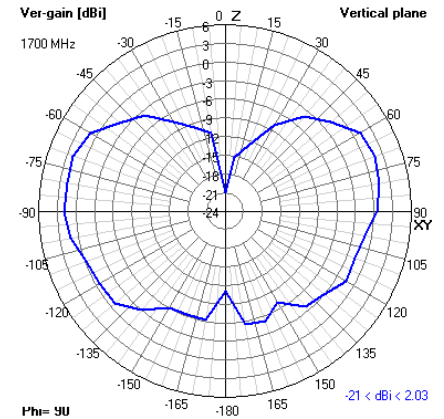
1700 MHz XY



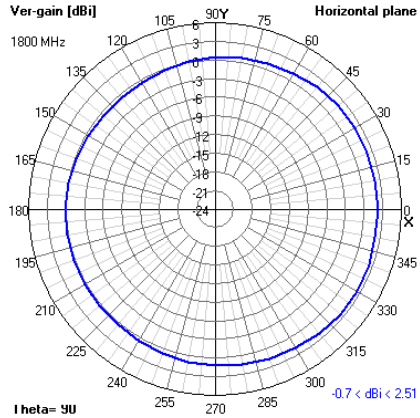
XZ



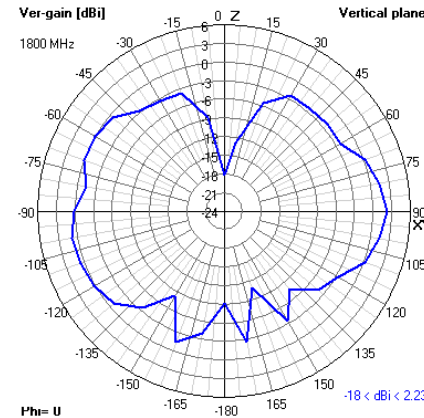
YZ



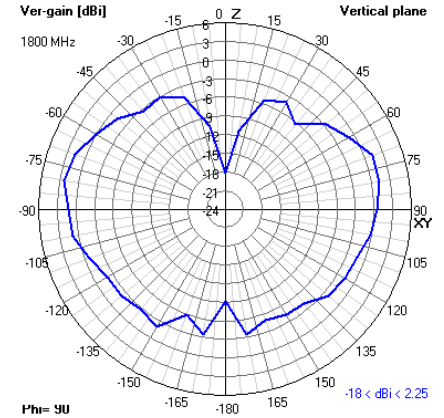
1800 MHz XY



XZ



YZ



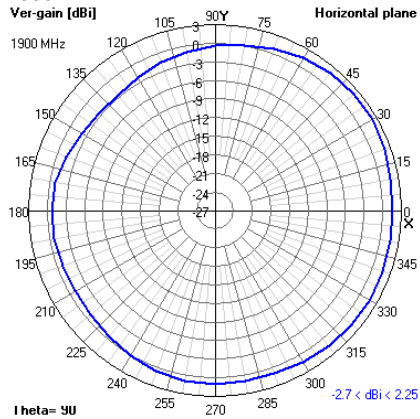


Oscar 40 Pro

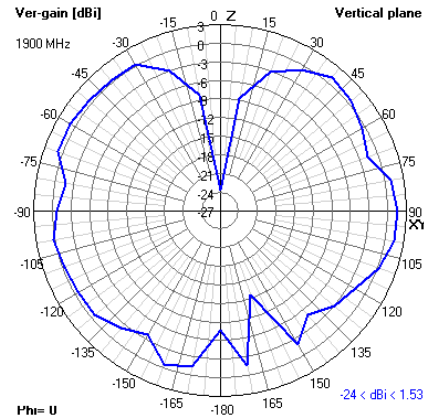
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

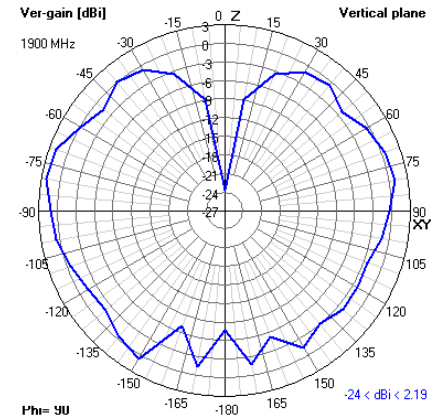
1900 MHz XY



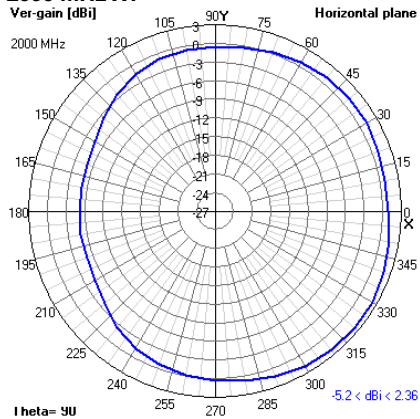
XZ



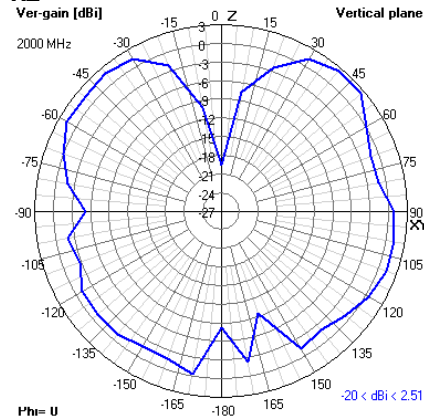
YZ



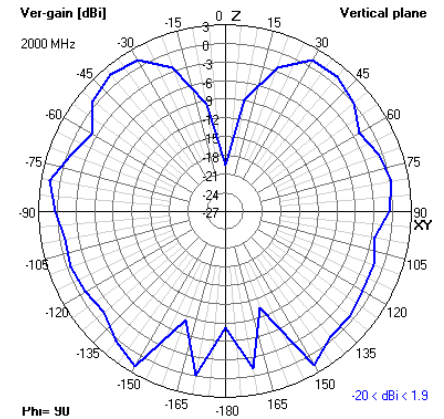
2000 MHz XY



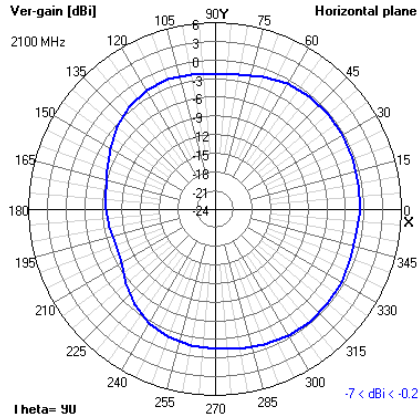
XZ



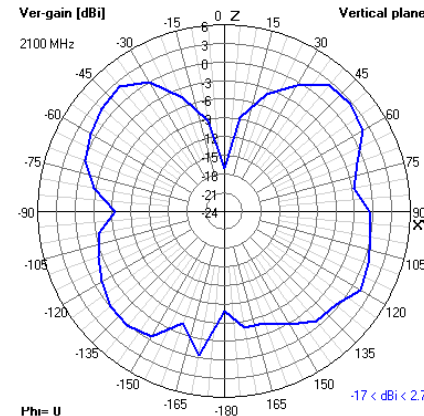
YZ



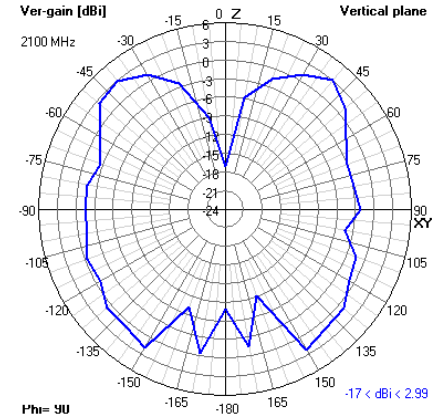
2100 MHz XY



XZ



YZ



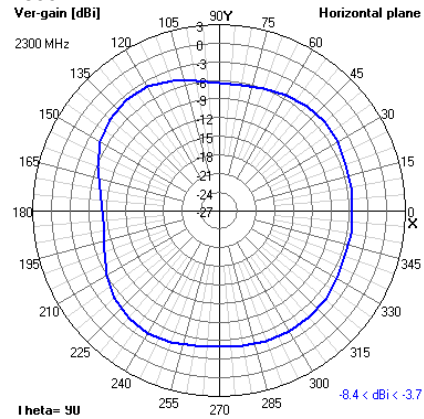


Oscar 40 Pro

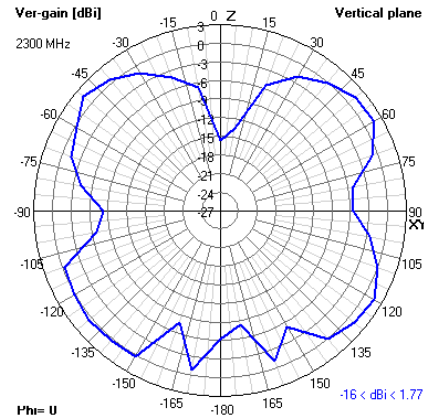
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

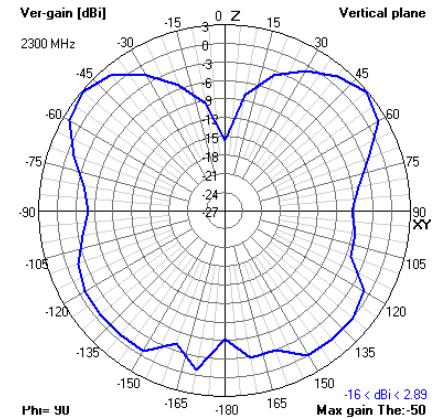
2300 MHz XY



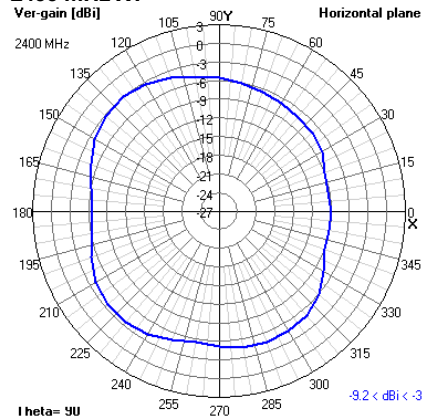
XZ



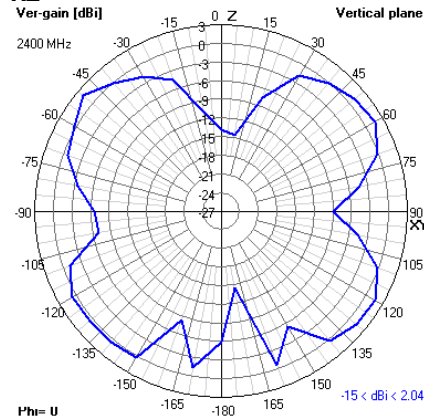
YZ



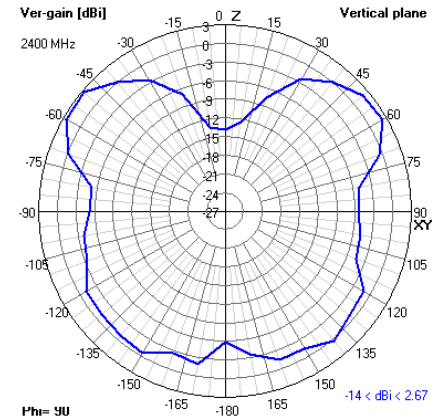
2400 MHz XY



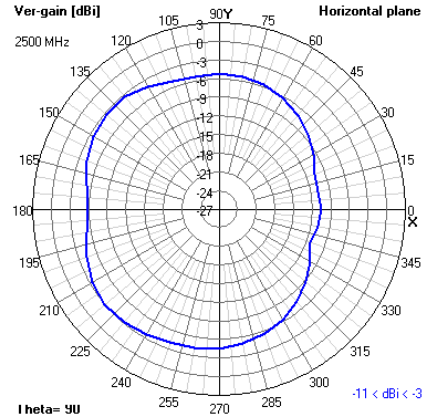
XZ



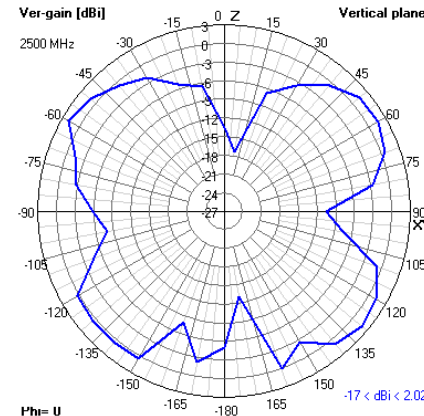
YZ



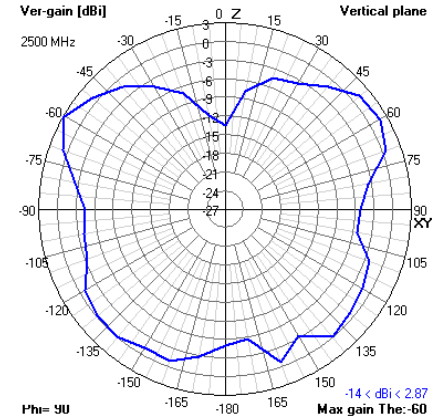
2500 MHz XY



XZ



YZ



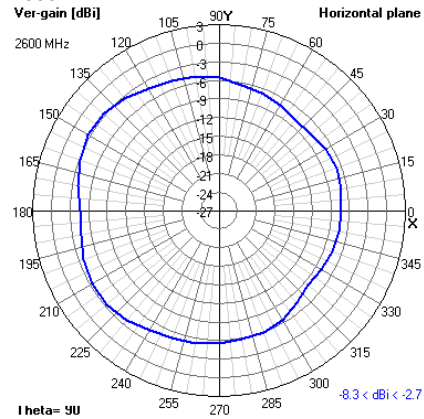


Oscar 40 Pro

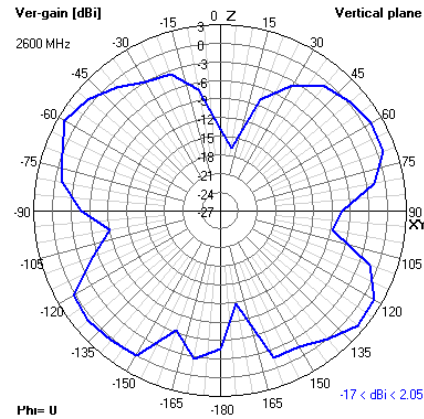
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

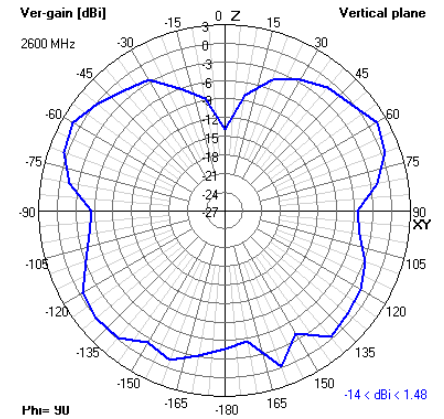
2600 MHz XY



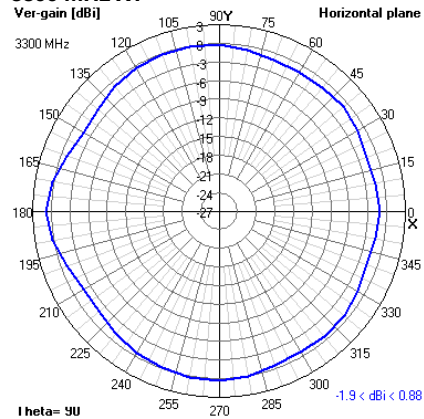
XZ



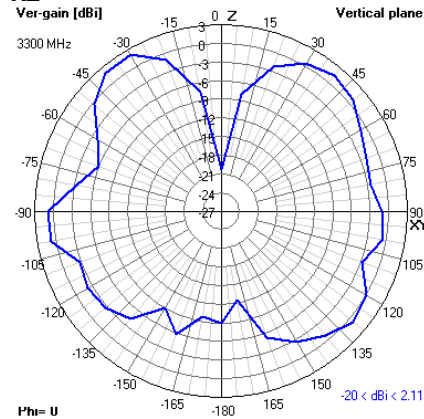
YZ



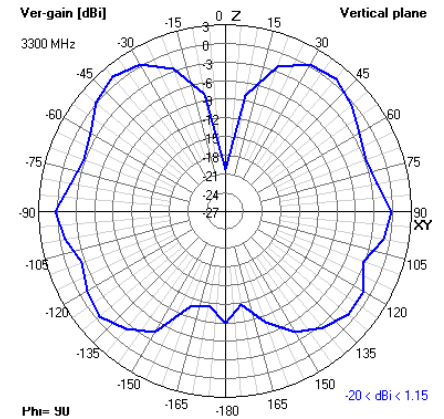
3300 MHz XY



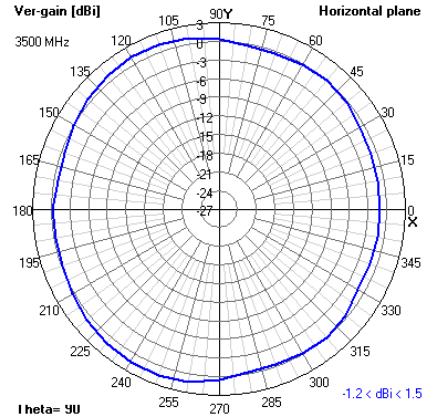
XZ



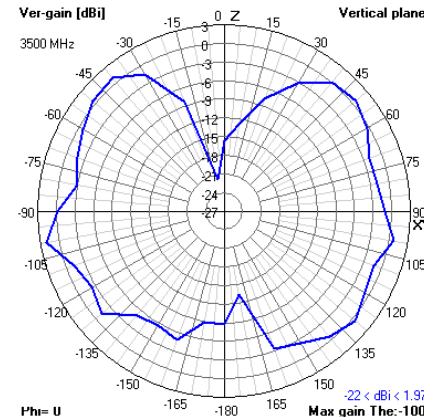
YZ



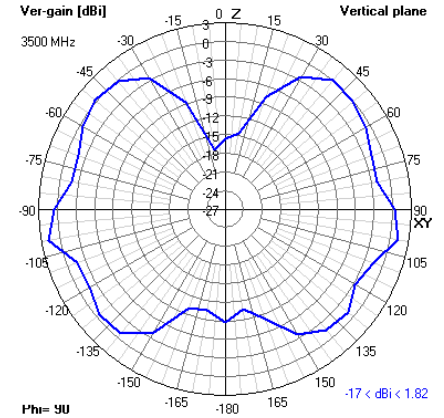
3500 MHz XY



XZ



YZ



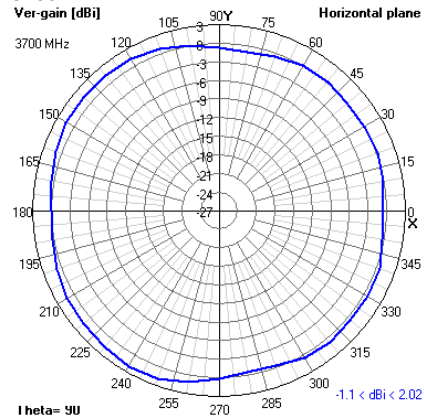


Oscar 40 Pro

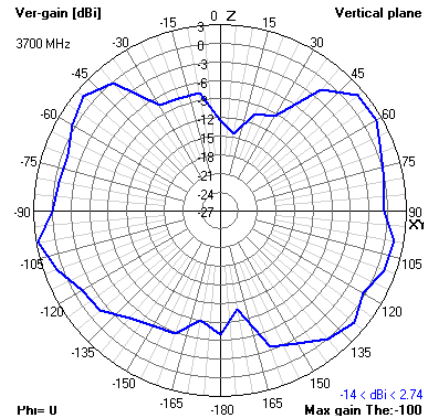
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

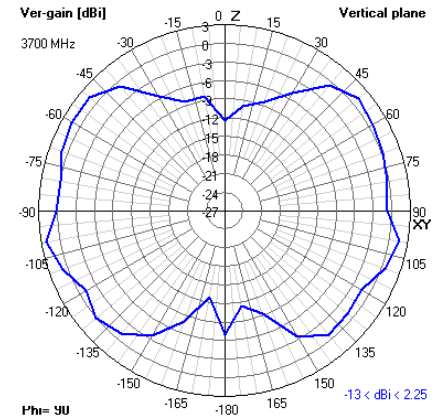
3700 MHz XY



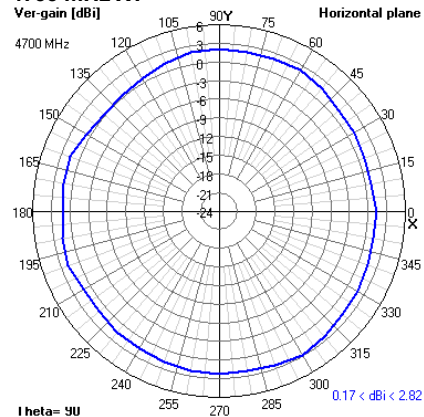
XZ



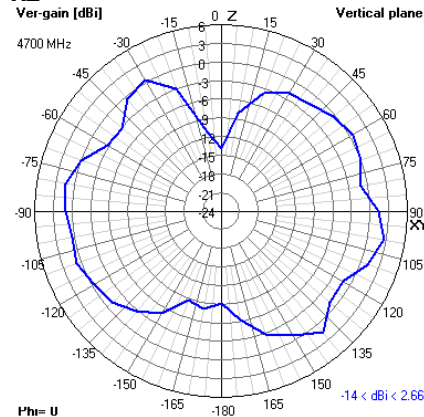
YZ



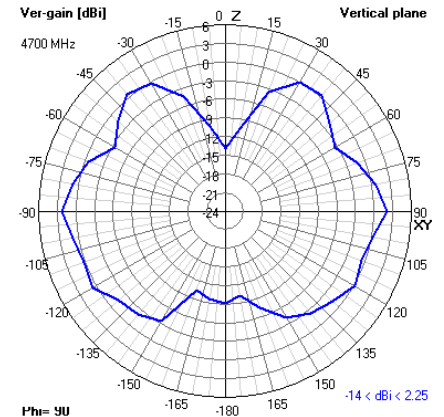
4700 MHz XY



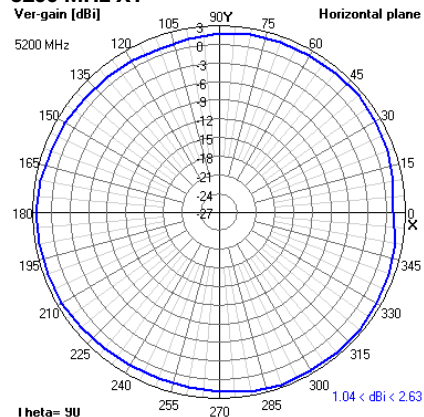
XZ



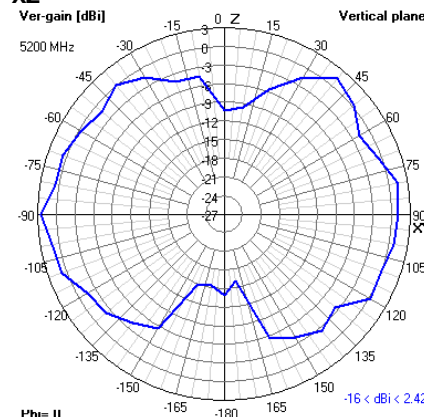
YZ



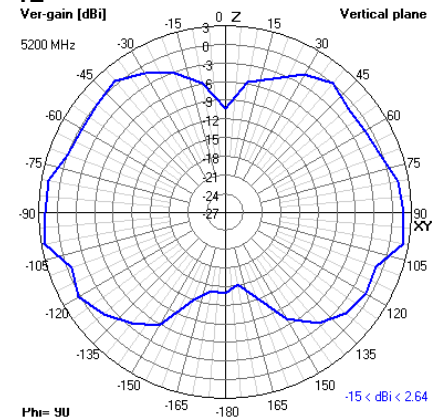
5200 MHz XY



XZ



YZ



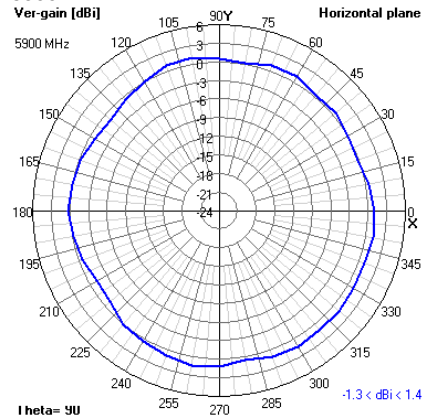


Oscar 40 Pro

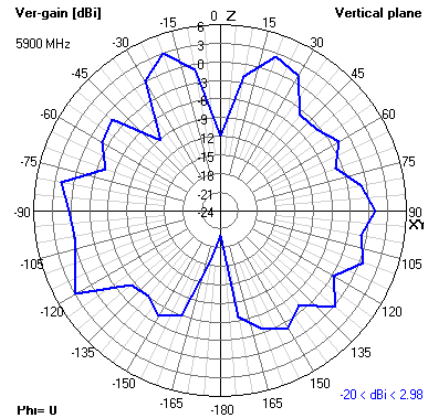
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

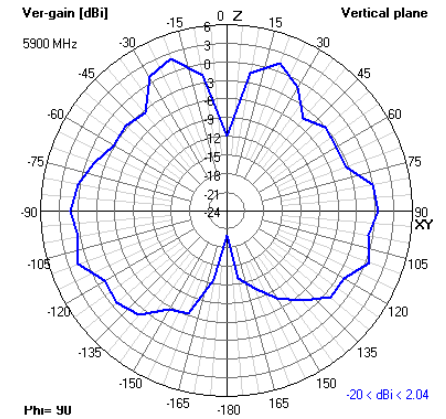
5900 MHz XY



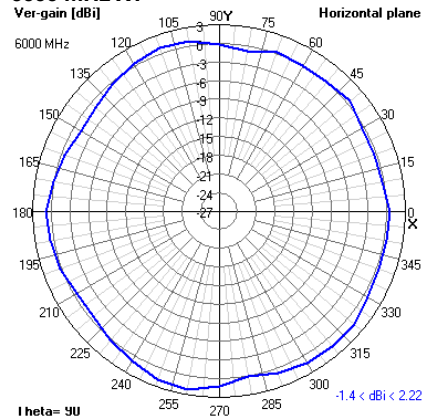
XZ



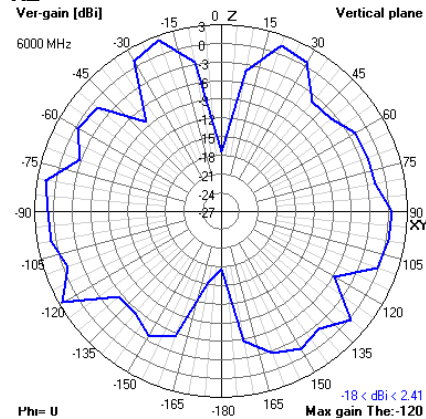
YZ



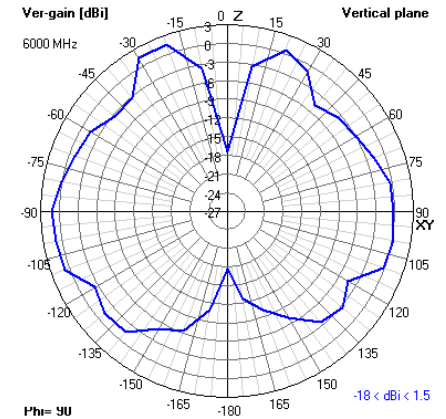
6000 MHz XY



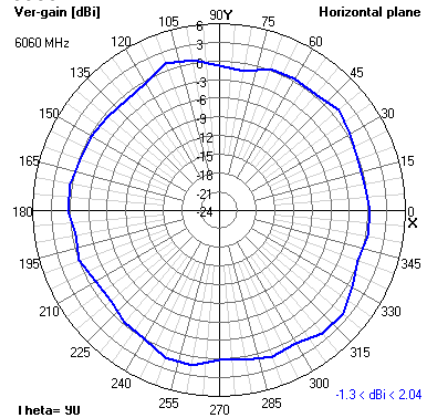
XZ



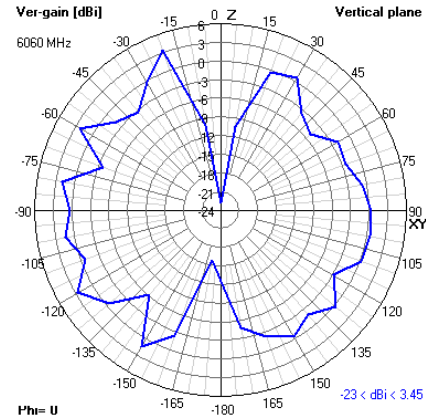
YZ



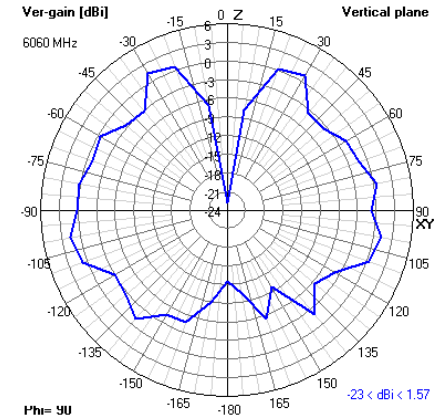
6060 MHz XY



XZ



YZ



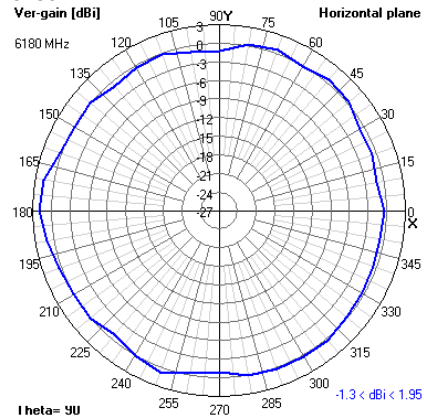


Oscar 40 Pro

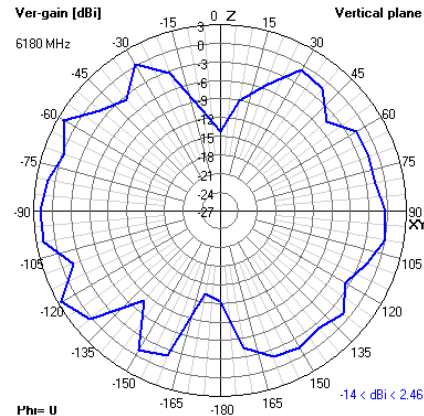
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

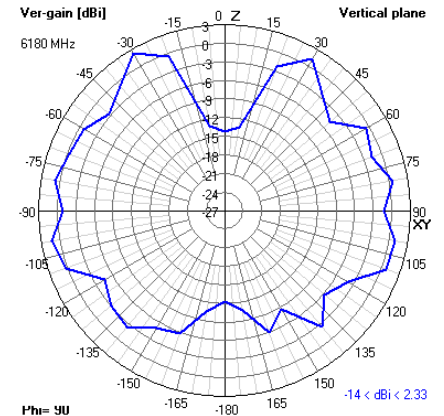
6180 MHz XY



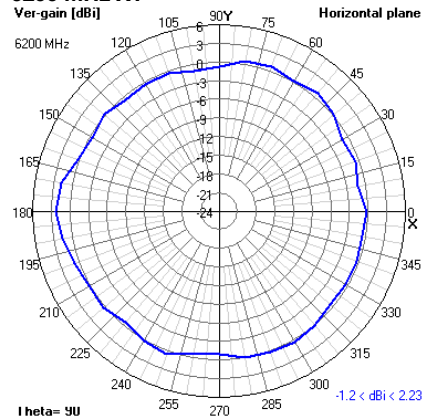
XZ



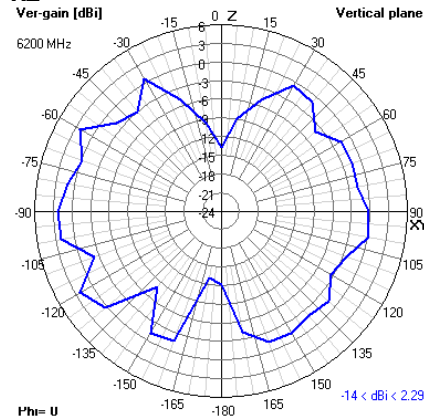
YZ



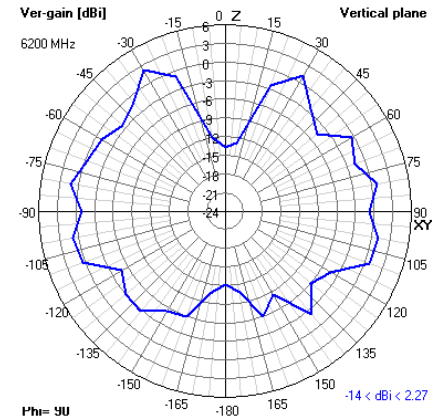
6200 MHz XY



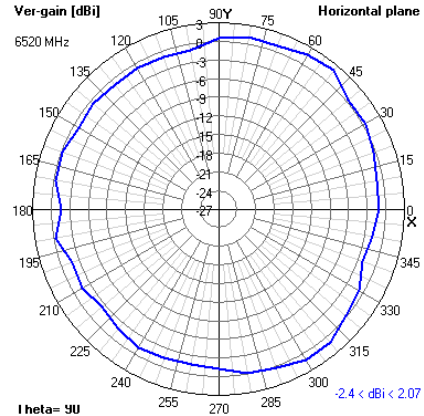
XZ



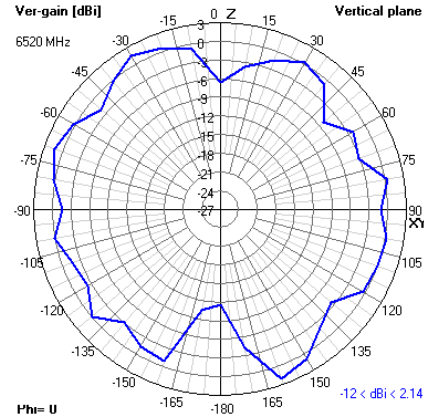
YZ



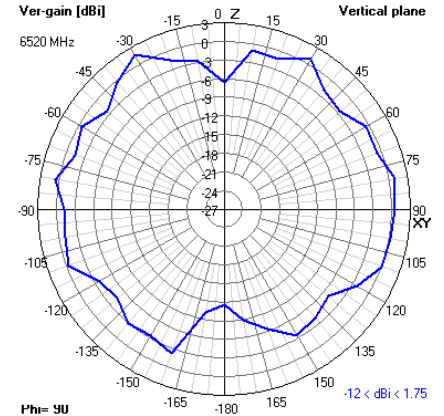
6520 MHz XY



XZ



YZ



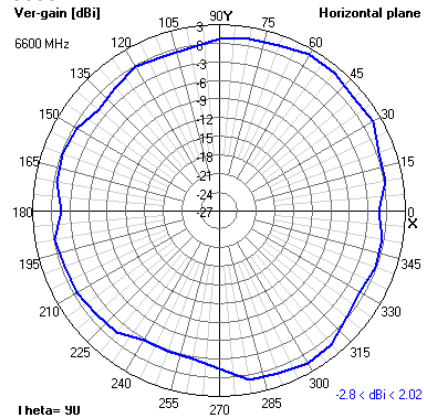


Oscar 40 Pro

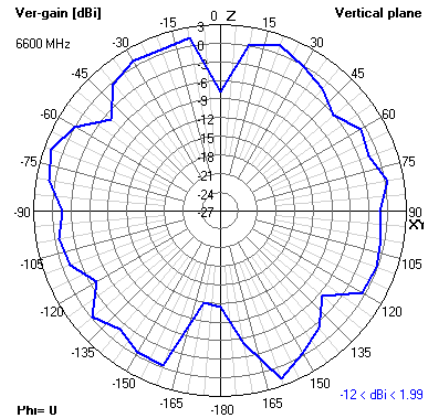
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

2D Radiation Plots

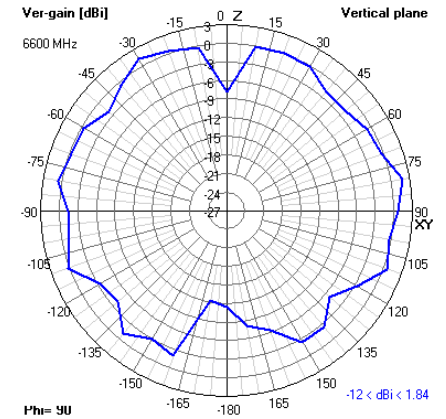
6600 MHz XY



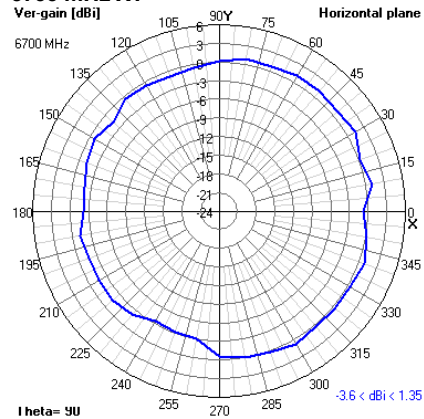
XZ



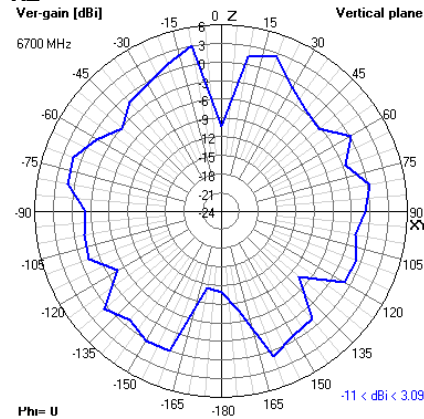
YZ



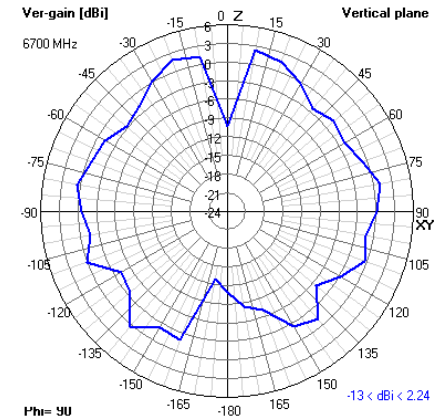
6700 MHz XY



XZ



YZ



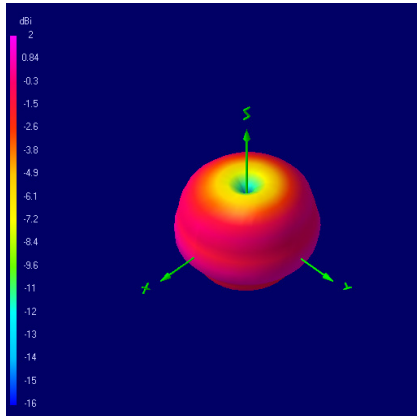


Oscar 40 Pro

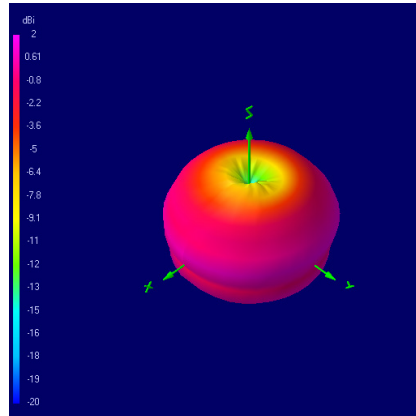
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

3D Radiation Plots

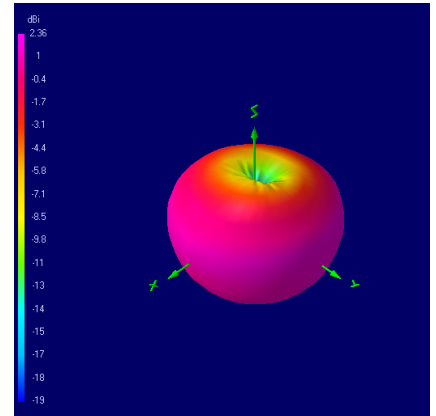
600 MHz



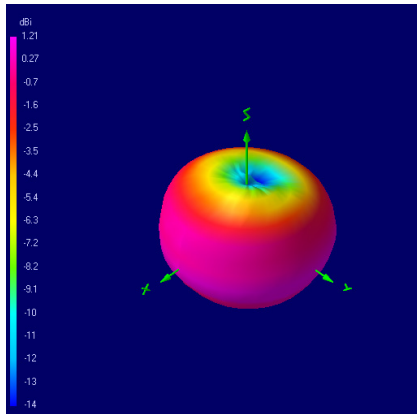
700 MHz



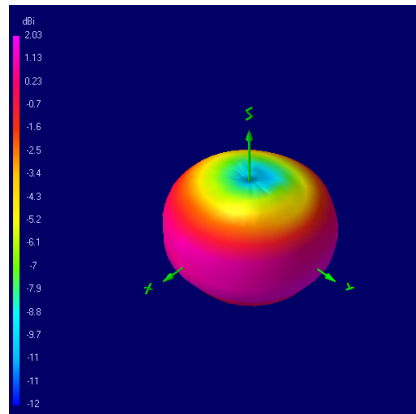
800 MHz



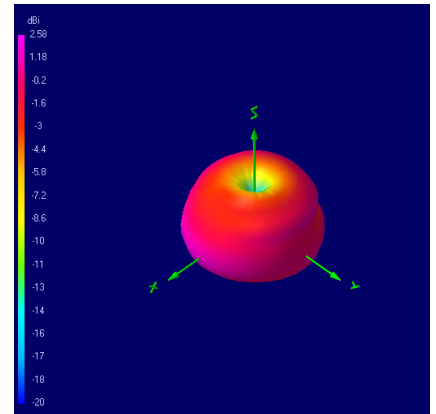
860 MHz



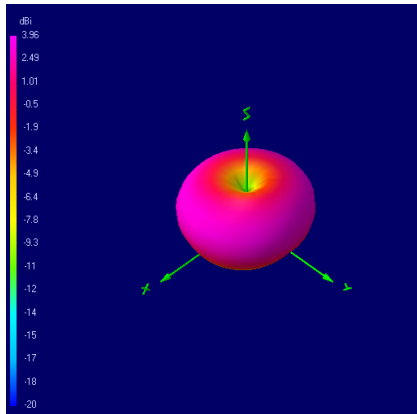
900 MHz



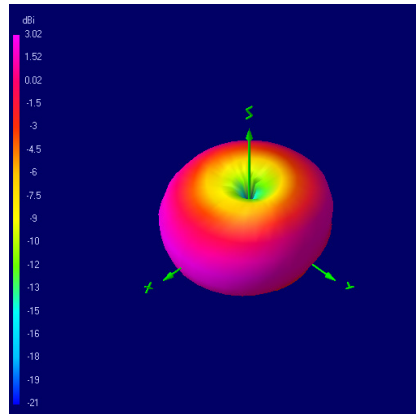
1500 MHz



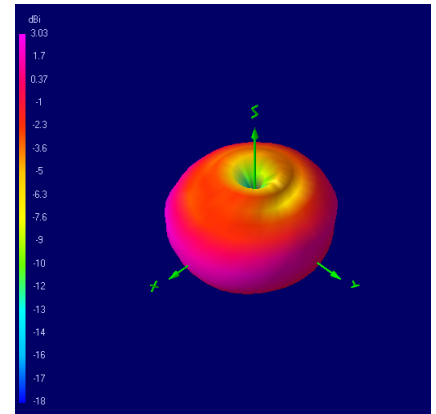
1600 MHz



1700 MHz



1800 MHz



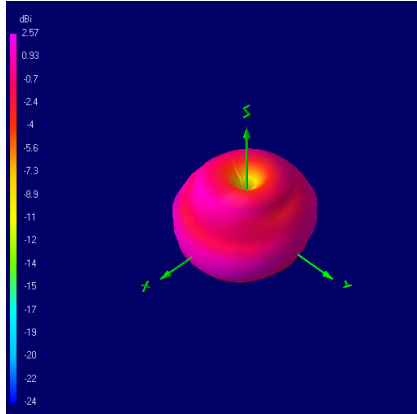


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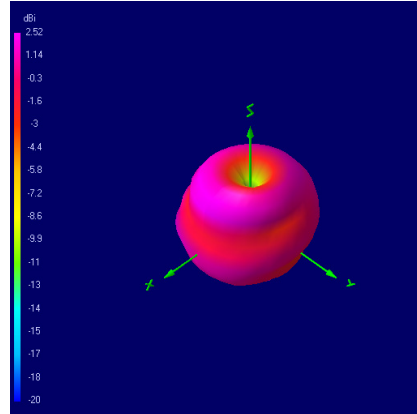
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

3D Radiation Plots

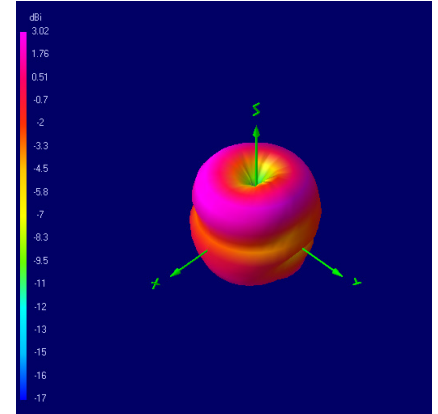
1900 MHz



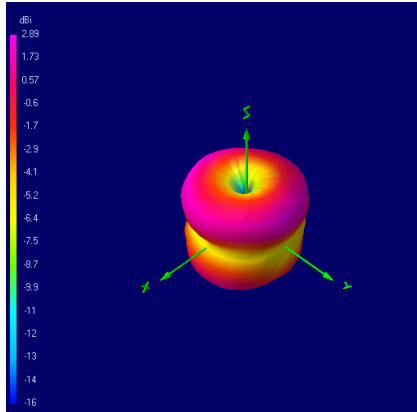
2000 MHz



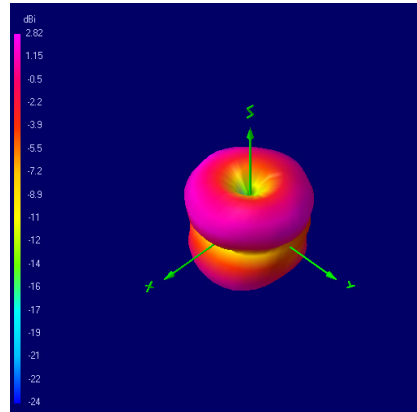
2100 MHz



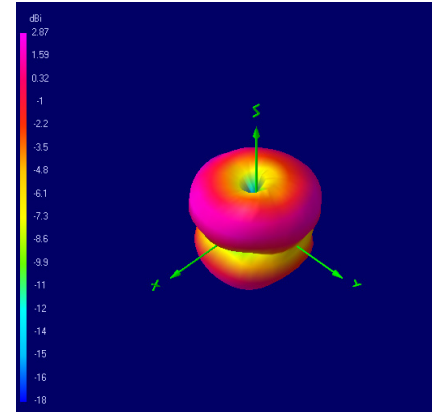
2300 MHz



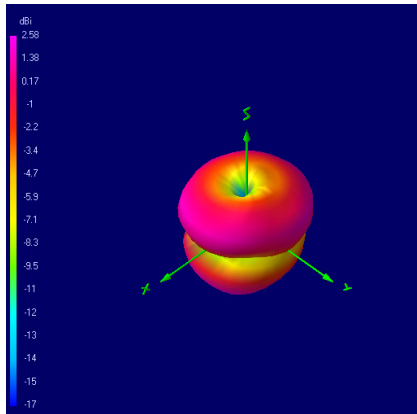
2400 MHz



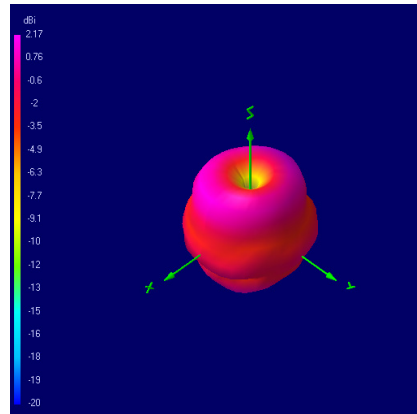
2500 MHz



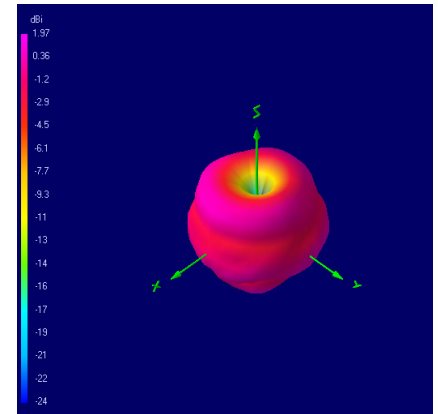
2600 MHz



3300 MHz



3500 MHz



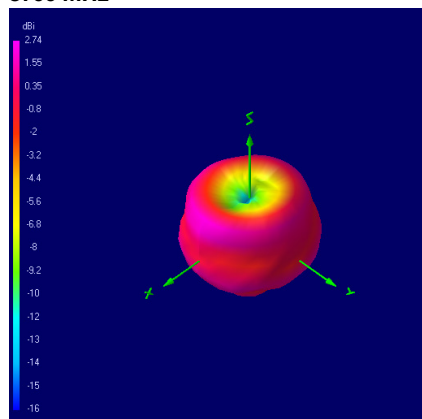


Oscar 40 Pro

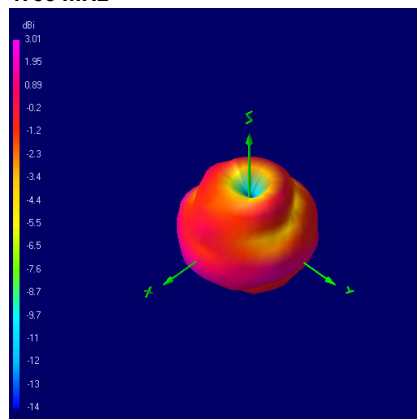
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

3D Radiation Plots

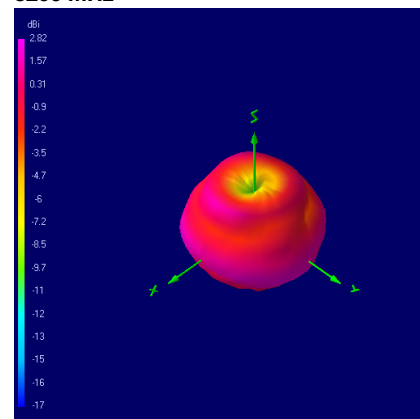
3700 MHz



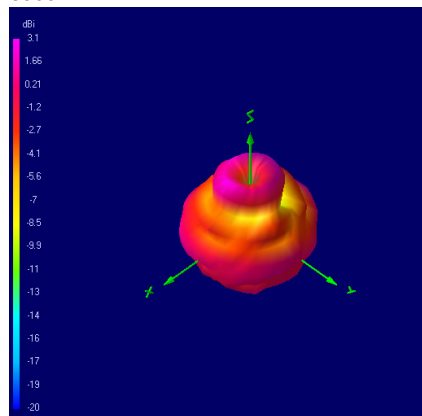
4700 MHz



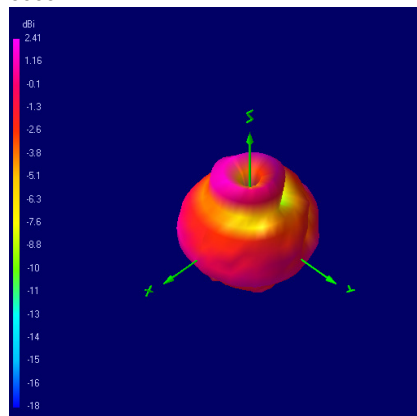
5200 MHz



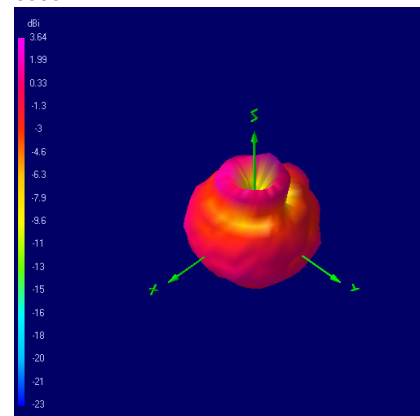
5900 MHz



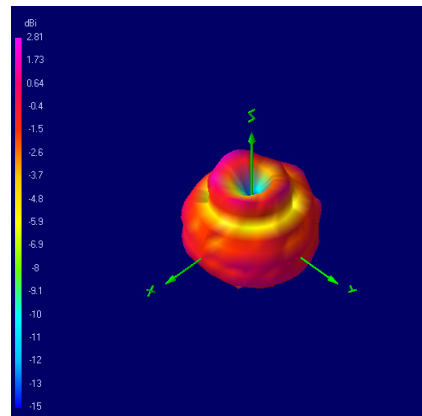
6000 MHz



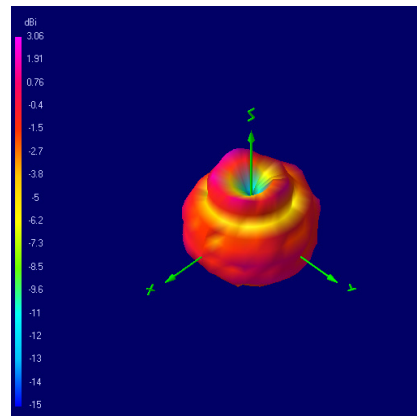
6060 MHz



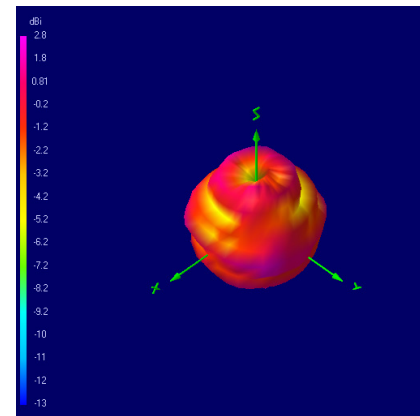
6180 MHz



6200 MHz



6520 MHz



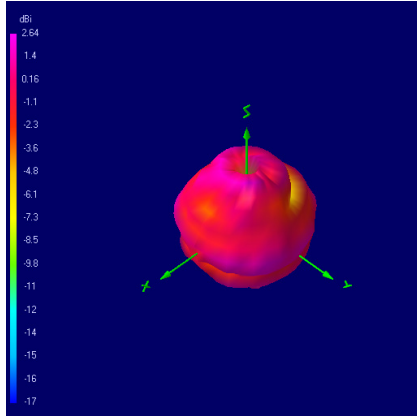


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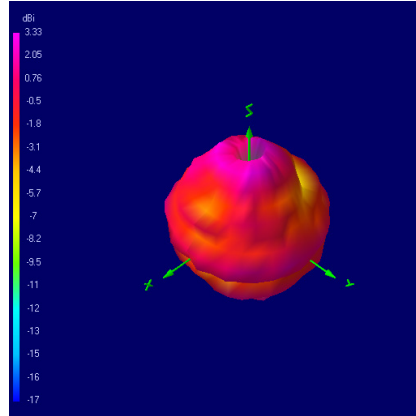
5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

3D Radiation Plots

6600 MHz



6700 MHz





Oscar 40 Pro

5G/LTE Wideband IP67 Outdoor Antenna for 600-8000 MHz

Ordering Details:

Part Number	Description
OSCAR40-PRO/X/NTYPE-F/S/S/33-WHITE	5G/LTE WIDEBAND IP67 OUTDOOR ANTENNA 600-8000 MHZ N-TYPE FEMALE DIRECT CONNECTOR (WHITE RADOME)
OSCAR40-PRO/5M/SMAM/S/LL/33-WHITE	5G/LTE WIDEBAND IP67 OUTDOOR ANTENNA 600-8000 MHZ 5M LOW LOSS CABLE AND SMA MALE CONNECTOR (WHITE RADOME)
OSCAR40-PRO/X/NTYPE-F/S/S/33-BLACK	5G/LTE WIDEBAND IP67 OUTDOOR ANTENNA 600-8000 MHZ N-TYPE FEMALE DIRECT CONNECTOR (BLACK RADOME)
OSCAR40-PRO/5M/SMAM/S/LL/33-BLACK	5G/LTE WIDEBAND IP67 OUTDOOR ANTENNA 600-8000 MHZ 5M LOW LOSS CABLE AND SMA MALE CONNECTOR (BLACK RADOME)

Associated Cables:

For the OSCAR40-PRO/X/NTYPE-F/S/S/33 (Black or White version) the following cables can be used to extend installation reach and maintain good signal quality. For other extension cable configurations, please contact sales@siretta.com

Part Number	Description	Length (M)	Connector 1	Connector 2
ASMR600A058L13	N-TYPE(M) TO SMA(M) 6M LOW LOSS (SLL200) CABLE ASSEMBLY	6	N type male	SMA male
ASMR1000A058L13	N-TYPE(M) TO SMA(M) 10M LOW LOSS (SLL200) CABLE ASSEMBLY	10	N type male	SMA male
ASMR1500A058L13	N-TYPE(M) TO SMA(M) 15M LOW LOSS (SLL200) CABLE ASSEMBLY	15	N-type male	SMA male
ASMR2000A058L13	N-TYPE(M) TO SMA(M) 20M LOW LOSS (SLL200) CABLE ASSEMBLY	20	N-type male	SMA male

Mouser Electronics

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