

3~5.5Ghz Broadband Gooseneck Antenna

MODEL: TH-4000



1.. GENERAL DESCRIPTION

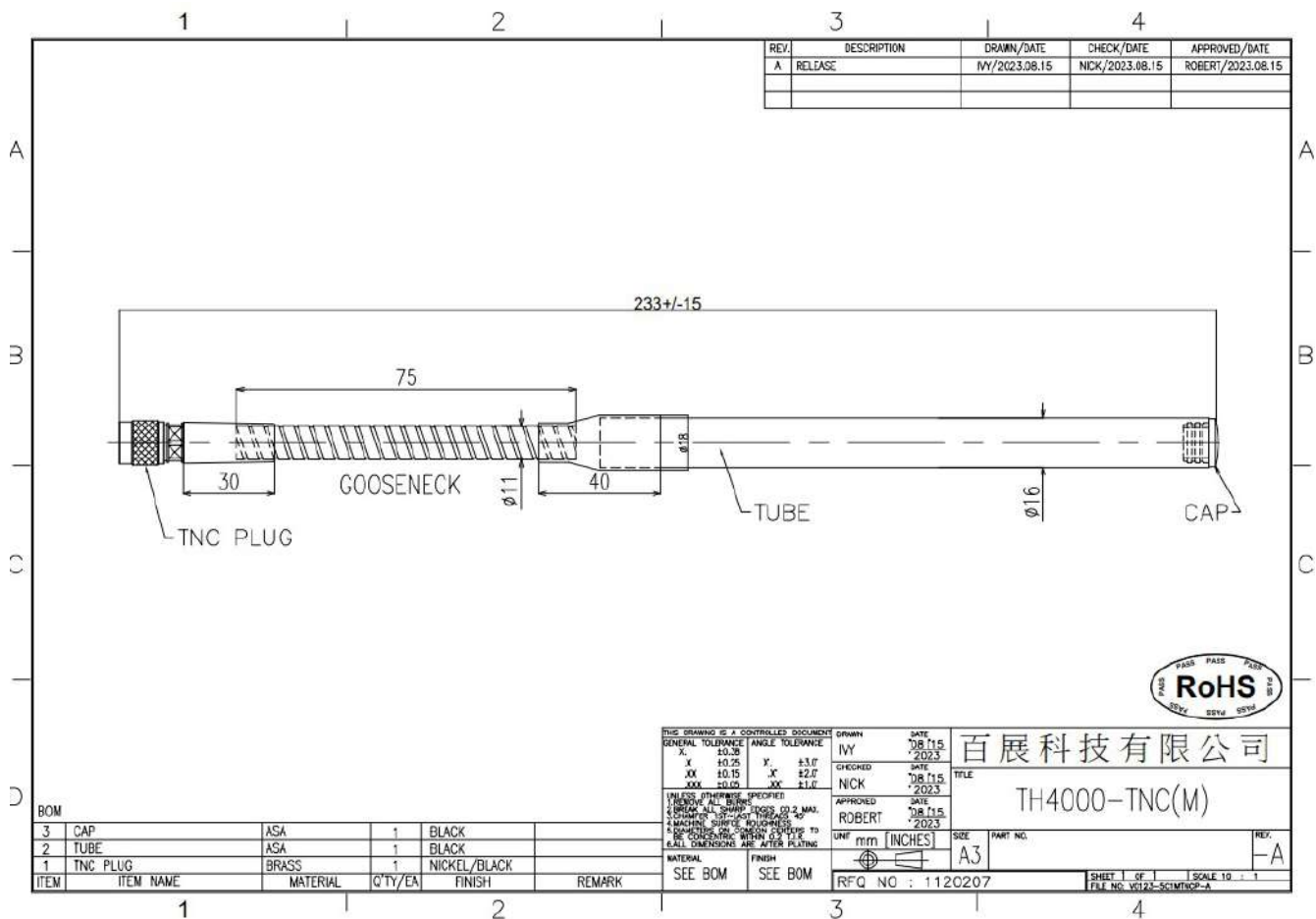
Model No
TH4000-TNC(M)

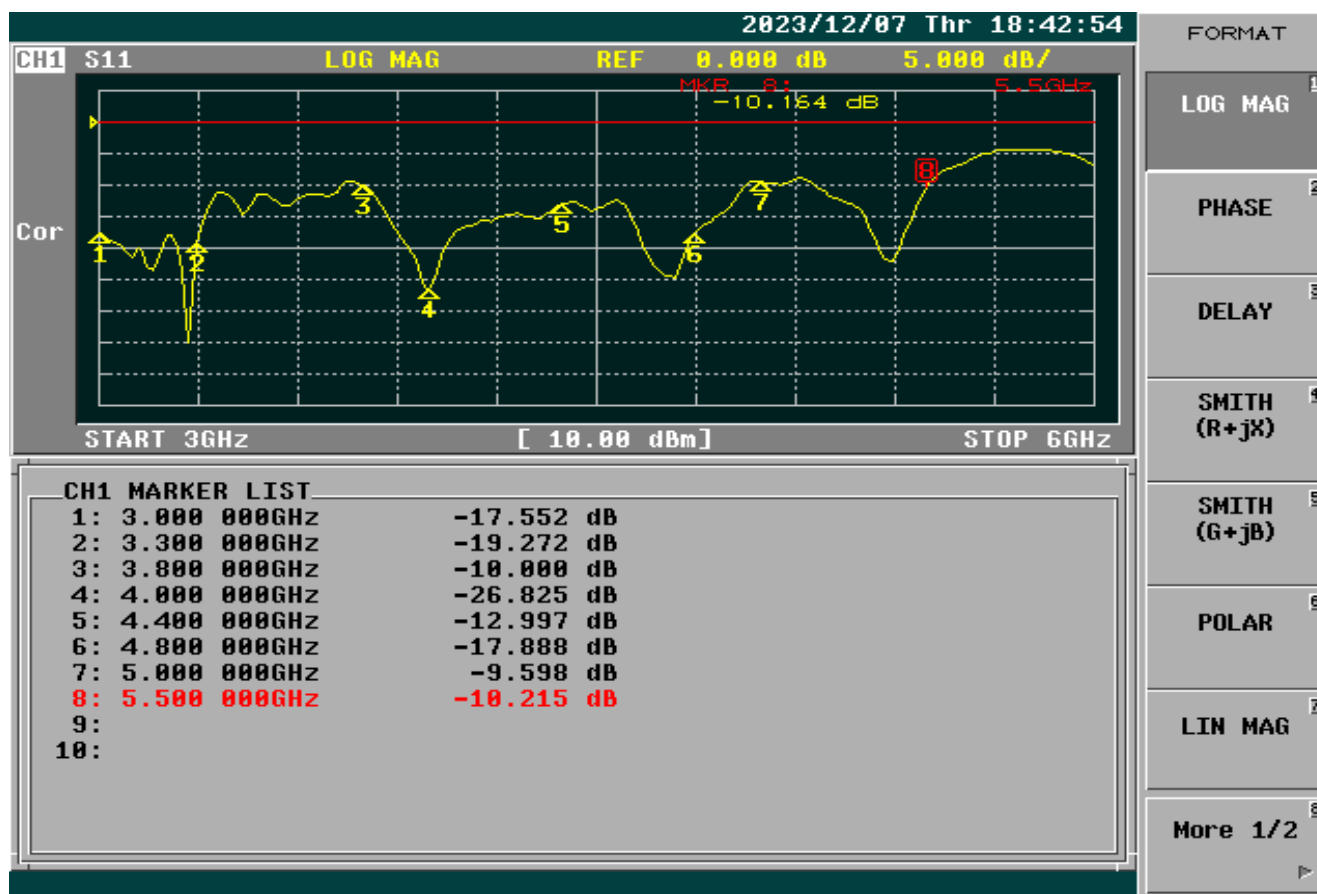
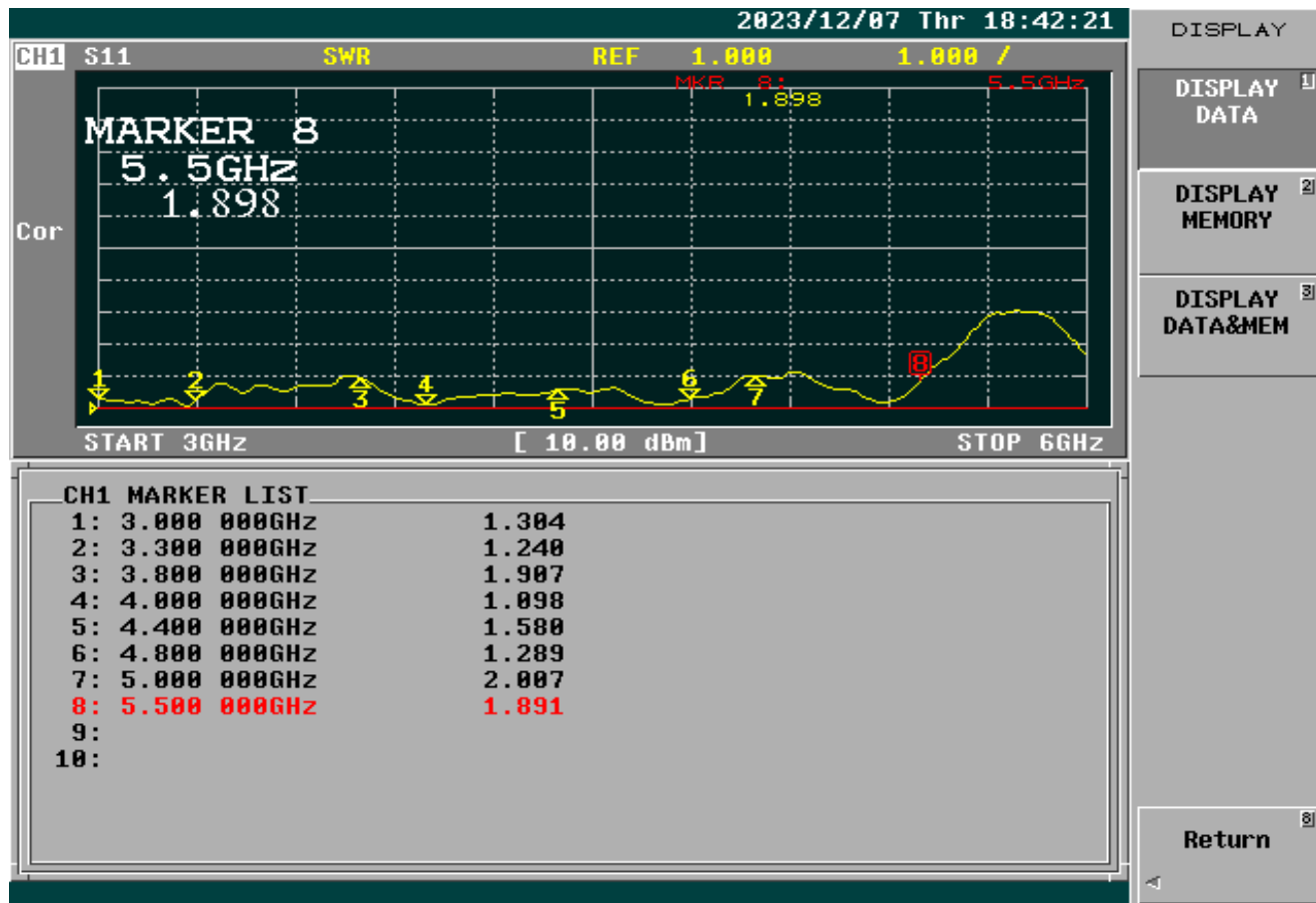
1.1 Electrical Properties

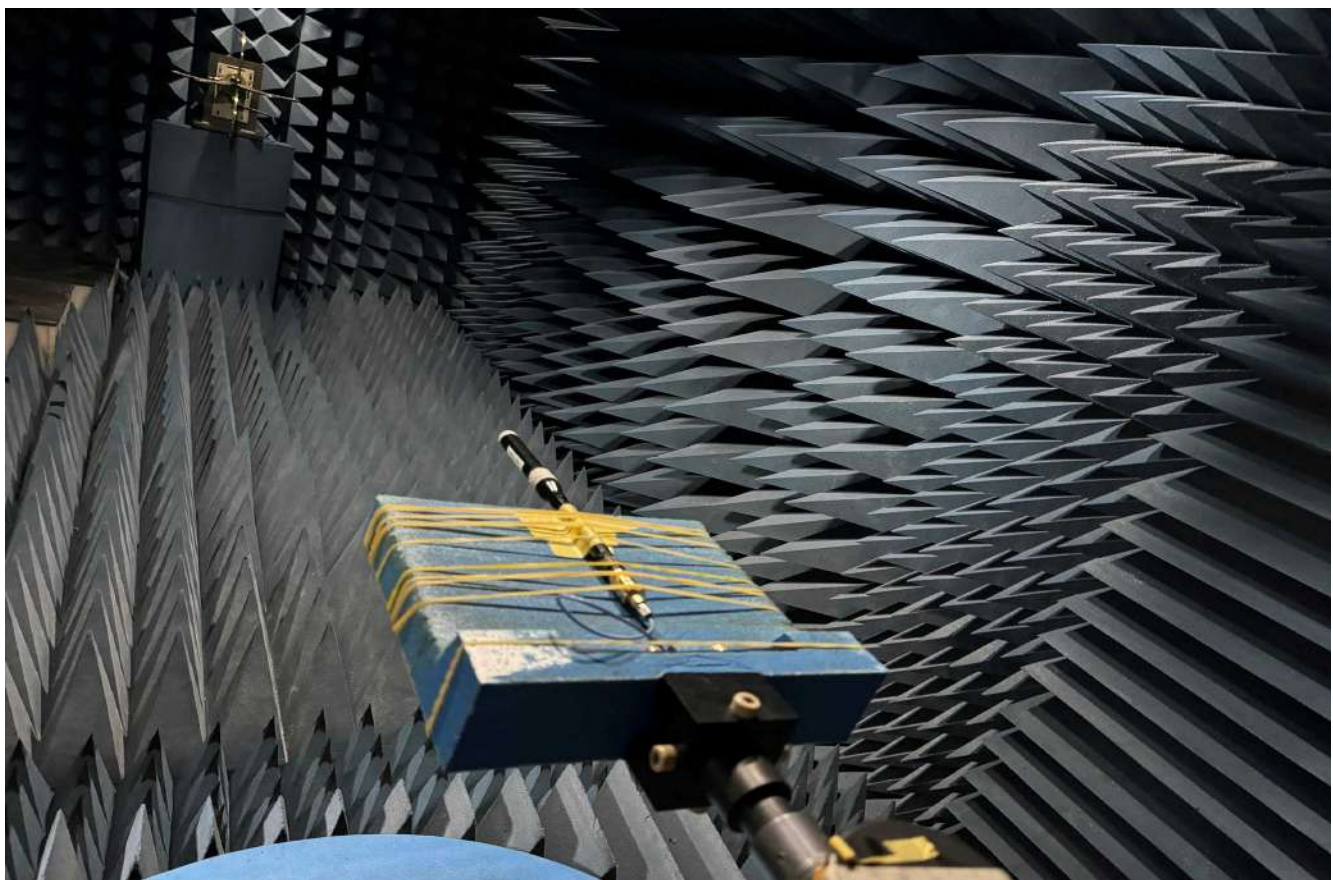
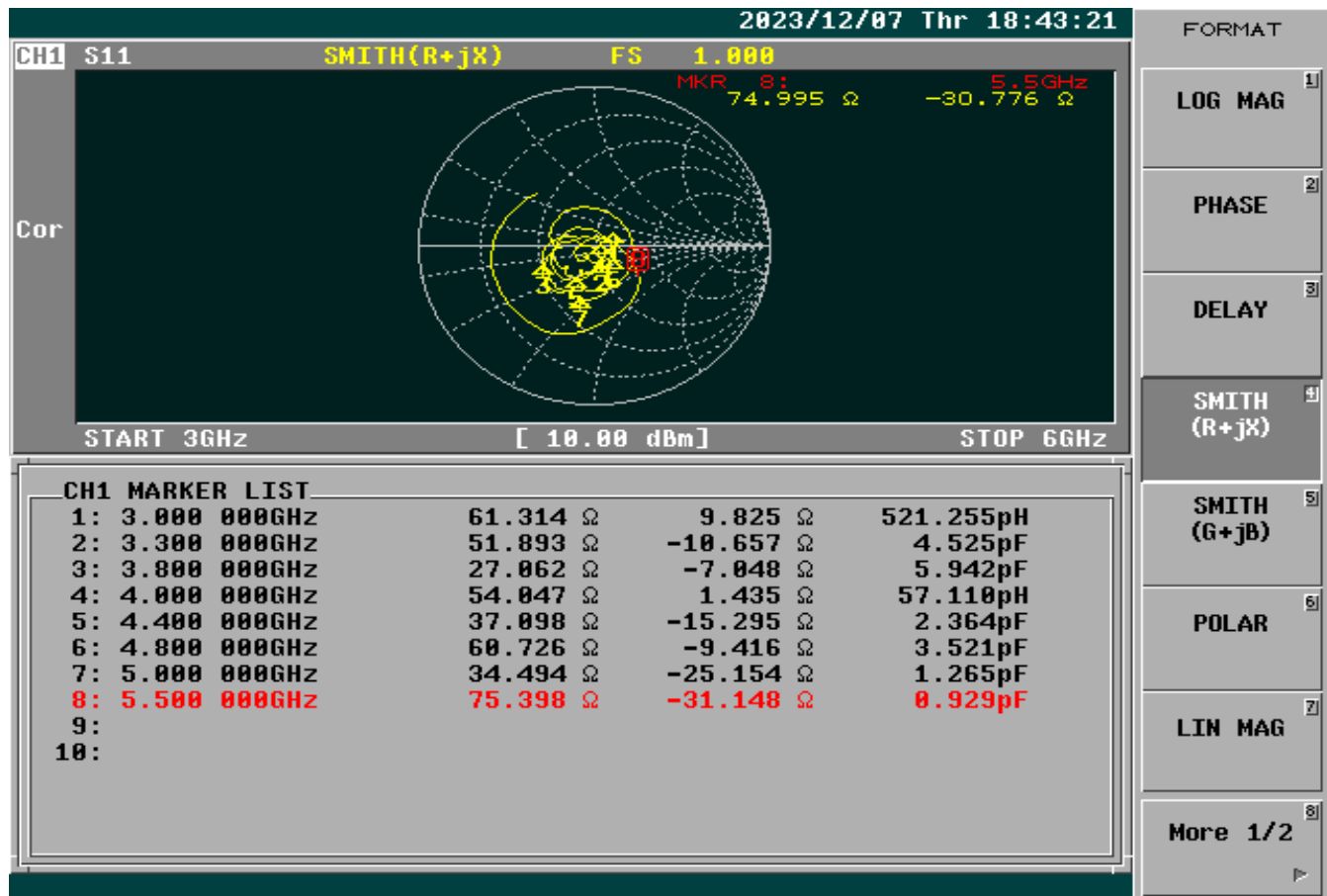
Parameter	Description
Frequency Band	3000~5500Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.5:1

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Material	ASA
Touch Type	Screw Type
Connector Type	SMA connector (Male)
Antenna Dimensions	Ø16 x 233mm ±15
Weight	115g
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C



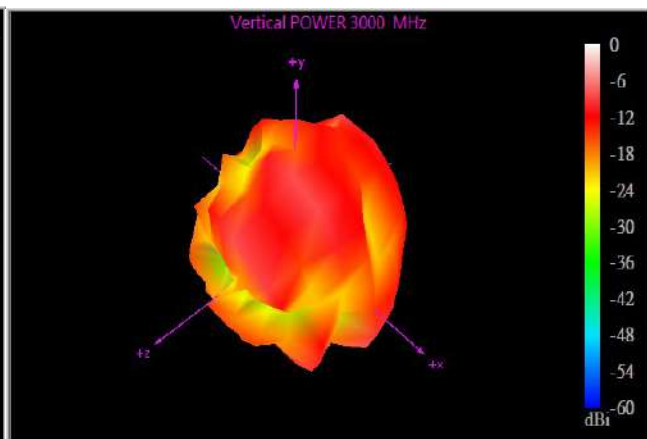
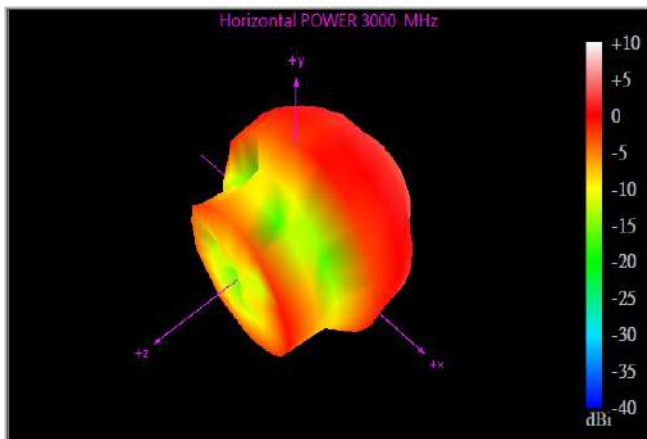
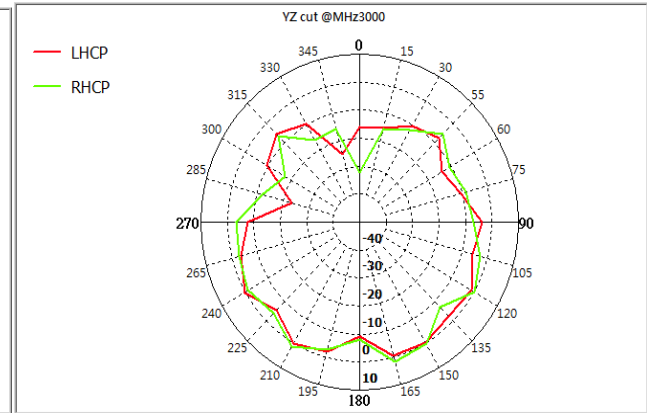
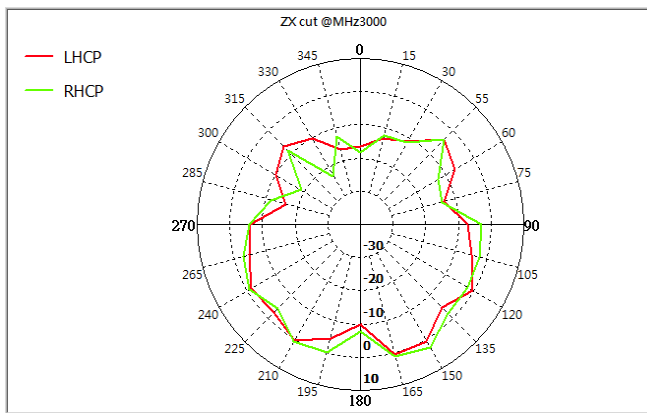
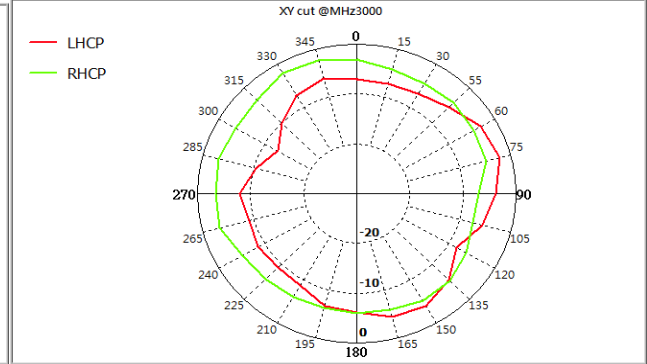
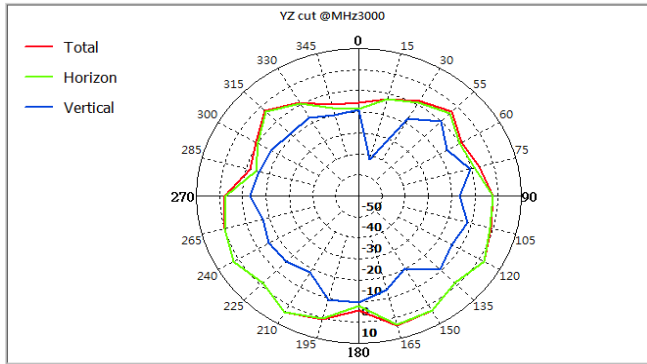
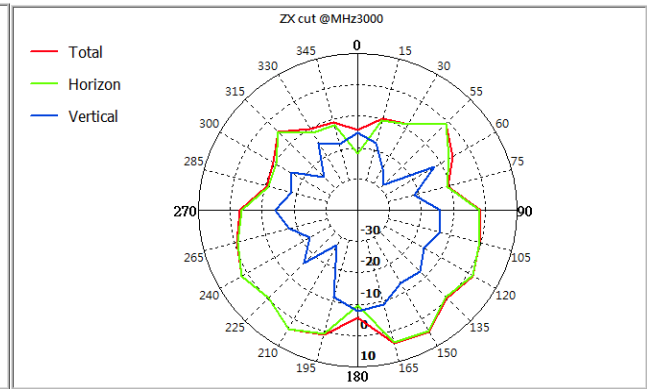
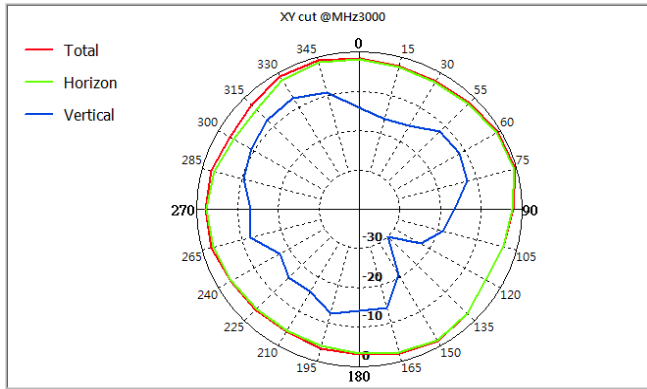


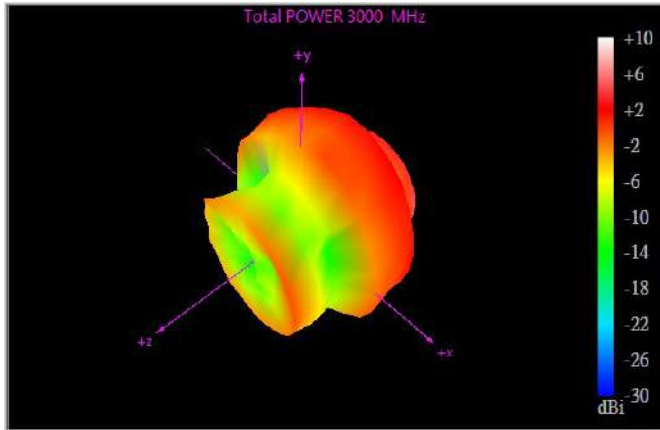
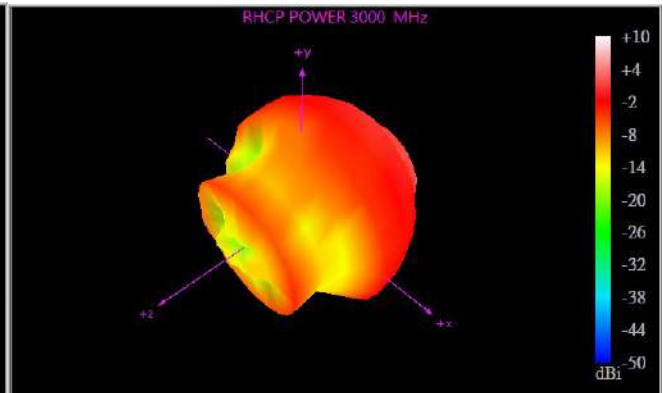
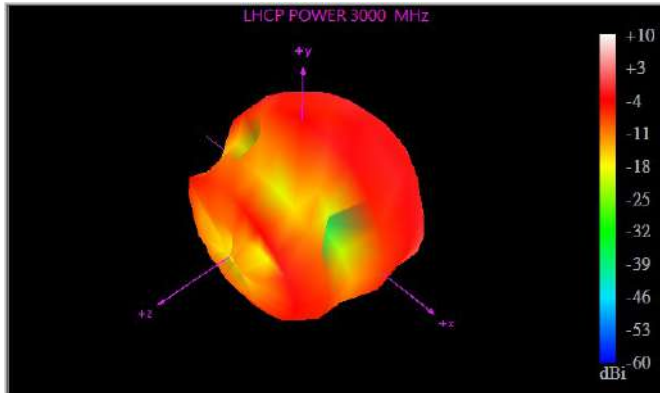


3D Total

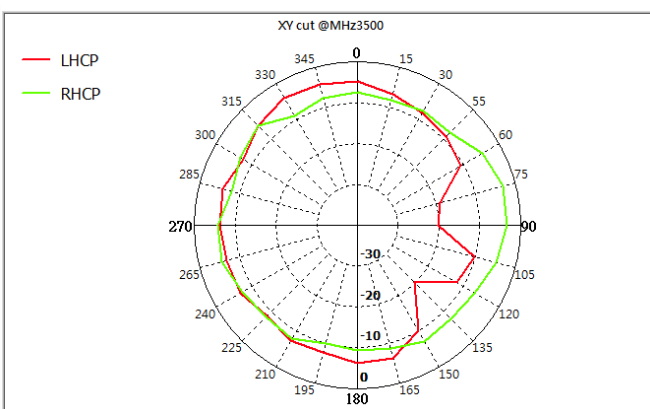
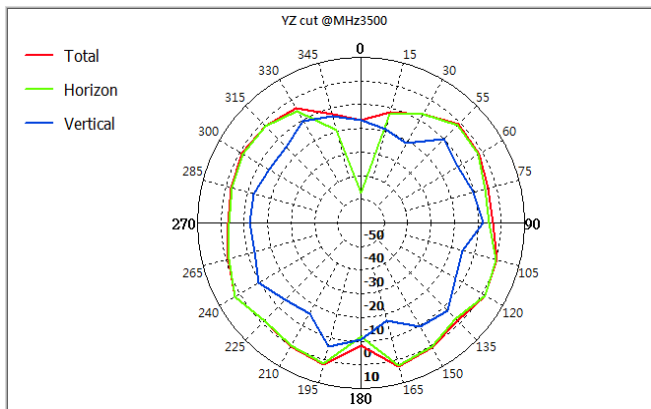
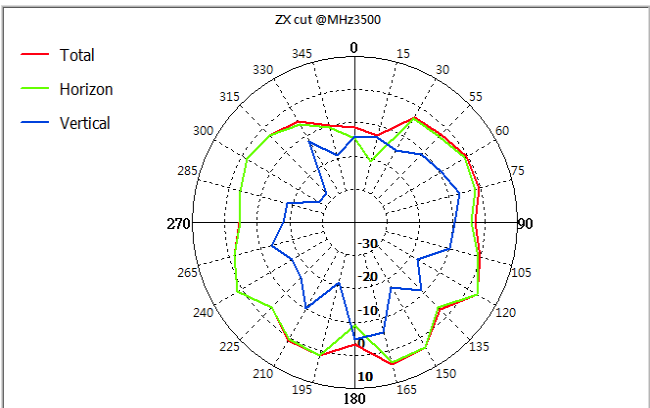
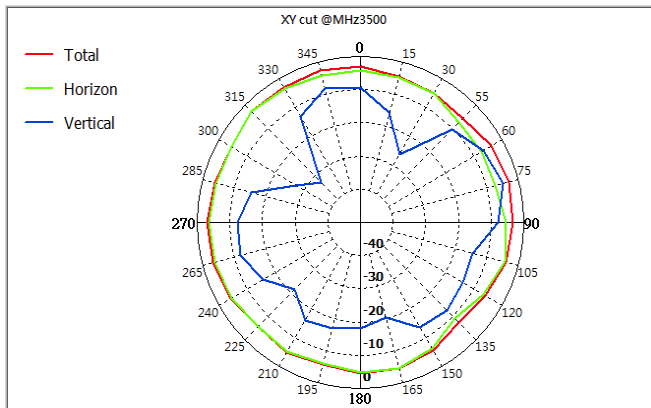
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
3000 MHz	-9.20	-2.39	-1.57	69.73	5.64	-1.57
3100 MHz	-9.17	-3.11	-2.15	61.01	4.84	-2.15
3200 MHz	-8.07	-4.21	-2.71	53.54	3.24	-2.71
3300 MHz	-6.97	-3.65	-1.99	63.25	3.96	-1.99
3350 MHz	-5.93	-2.54	-0.90	81.26	4.92	-0.90
3400 MHz	-8.12	-4.91	-3.22	47.67	2.66	-3.22
3450 MHz	-6.48	-3.48	-1.72	67.34	4.29	-1.72
3500 MHz	-6.11	-3.52	-1.61	68.95	4.13	-1.61
3550 MHz	-7.14	-4.66	-2.71	53.54	3.22	-2.71
3600 MHz	-6.93	-4.59	-2.59	55.02	3.09	-2.59
3650 MHz	-5.38	-2.74	-0.85	82.20	5.10	-0.85
3700 MHz	-6.89	-4.65	-2.62	54.70	3.22	-2.62
3750 MHz	-6.05	-4.47	-2.18	60.56	3.34	-2.18
3800 MHz	-6.91	-5.38	-3.07	49.35	2.50	-3.07
3850 MHz	-5.98	-4.23	-2.01	63.01	3.49	-2.01
4400 MHz	-4.65	-5.25	-1.93	64.14	1.74	-1.93
4450 MHz	-6.44	-6.72	-3.57	43.96	0.82	-3.57
4500 MHz	-6.24	-6.04	-3.13	48.68	1.54	-3.13
4550 MHz	-6.39	-5.60	-2.97	50.52	3.04	-2.97
4600 MHz	-6.71	-5.55	-3.08	49.20	3.28	-3.08
4650 MHz	-6.79	-5.68	-3.19	48.00	3.20	-3.19
4700 MHz	-6.53	-5.89	-2.48	56.49	3.48	-2.48
4750 MHz	-6.05	-6.16	-3.09	49.06	2.59	-3.09
4850 MHz	-5.33	-6.38	-2.82	52.29	2.47	-2.82
4900 MHz	-5.57	-7.06	-3.24	47.37	1.99	-3.24
5000 MHz	-8.23	-9.89	-5.97	25.29	-1.11	-5.97
5100 MHz	-8.59	-9.18	-5.87	25.89	-0.27	-5.87
5150 MHz	-6.04	-6.37	-3.19	47.96	2.59	-3.19
5200 MHz	-7.66	-8.12	-4.87	32.57	0.82	-4.87
5250 MHz	-6.81	-7.73	-4.23	37.75	0.78	-4.23
5300 MHz	-6.70	-8.22	-4.39	36.41	0.06	-4.39
5350 MHz	-5.93	-8.00	-3.83	41.38	-0.07	-3.83
5400 MHz	-7.38	-9.82	-5.42	28.68	-0.98	-5.42
5450 MHz	-6.01	-8.50	-4.07	39.19	0.51	-4.07
5500 MHz	-7.23	-8.02	-3.4	45.71	5.02	-3.4

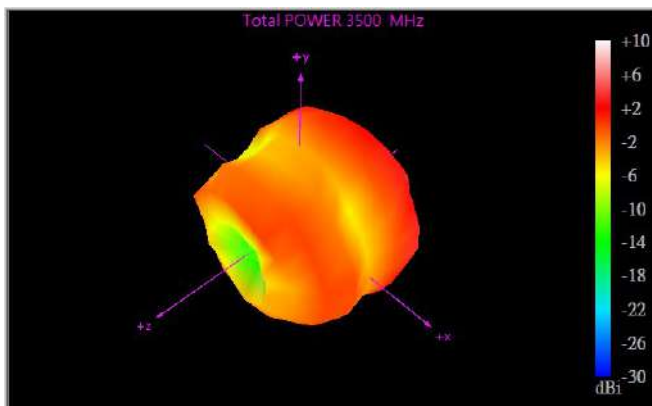
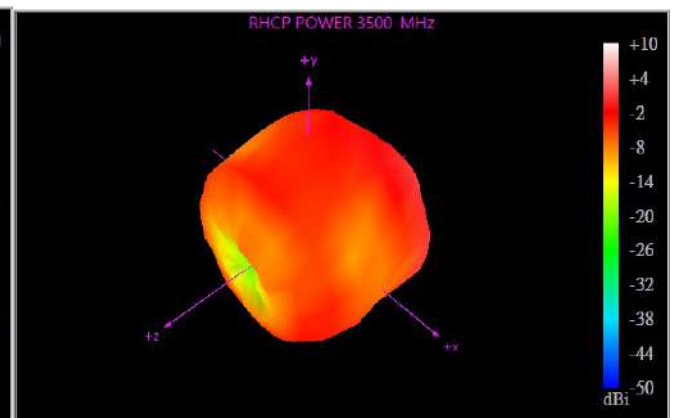
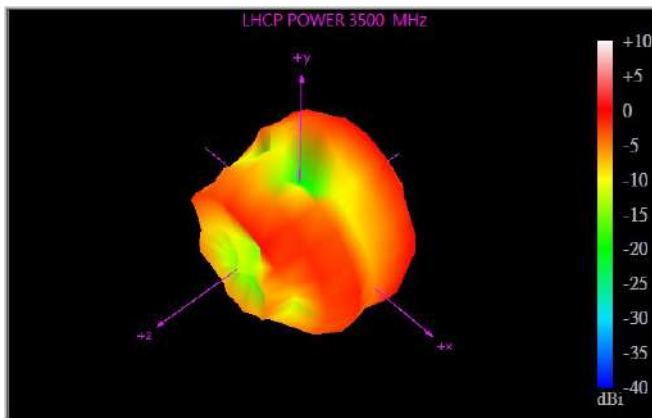
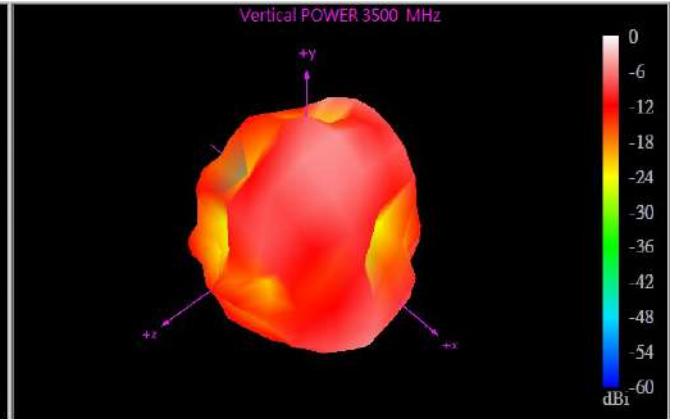
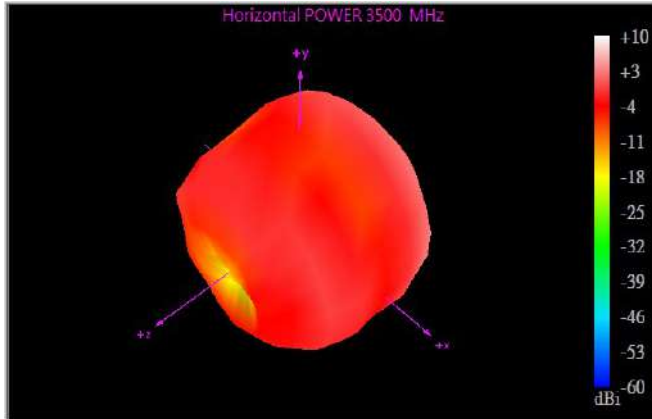
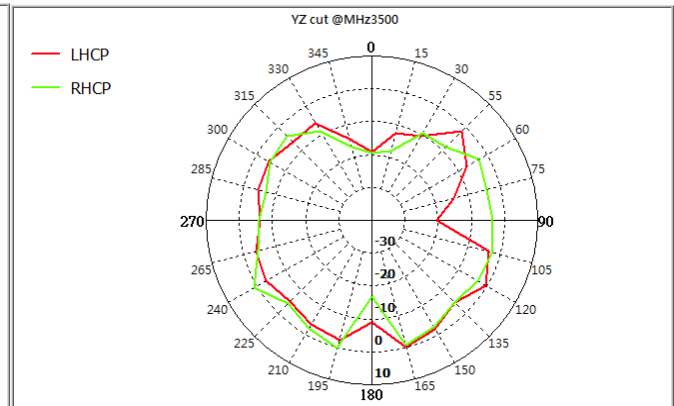
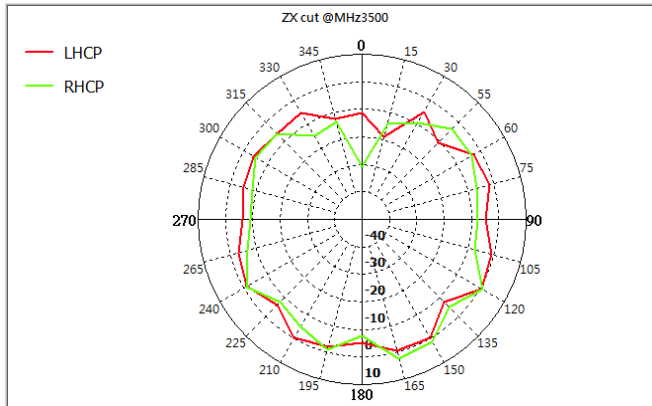
3000Mhz:



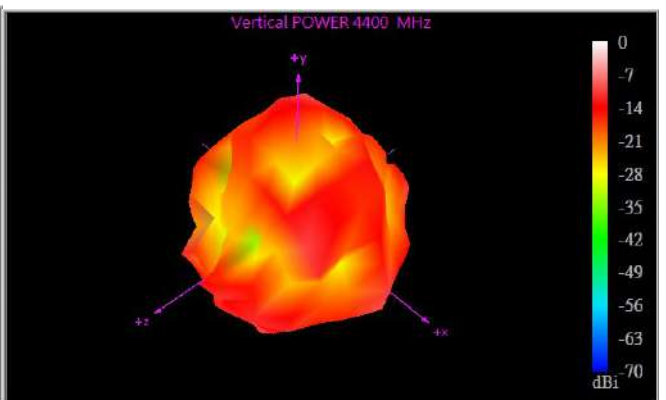
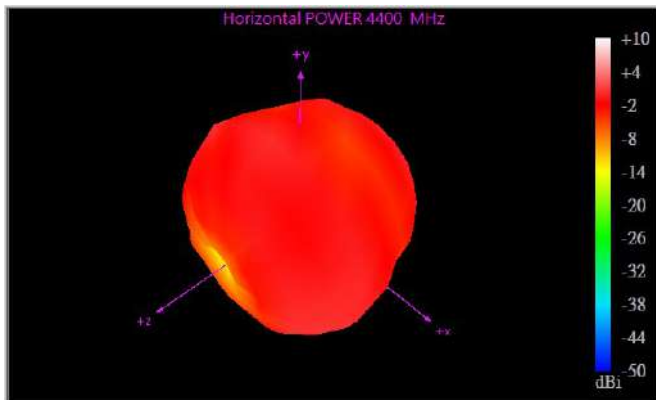
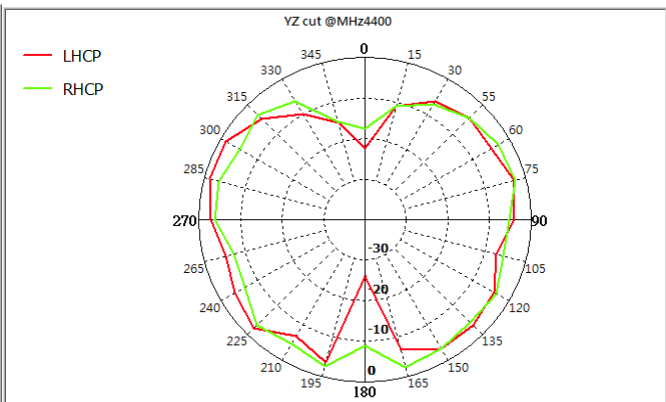
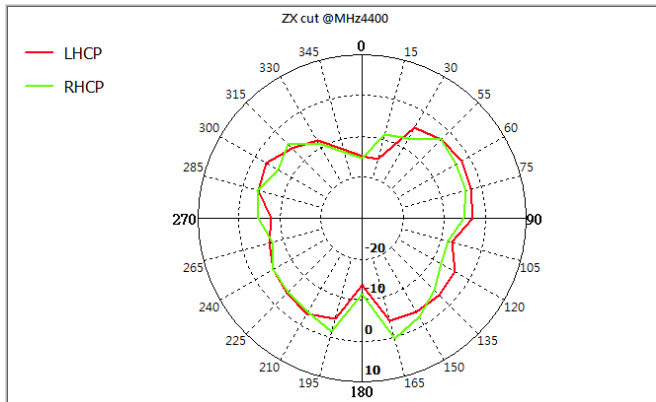
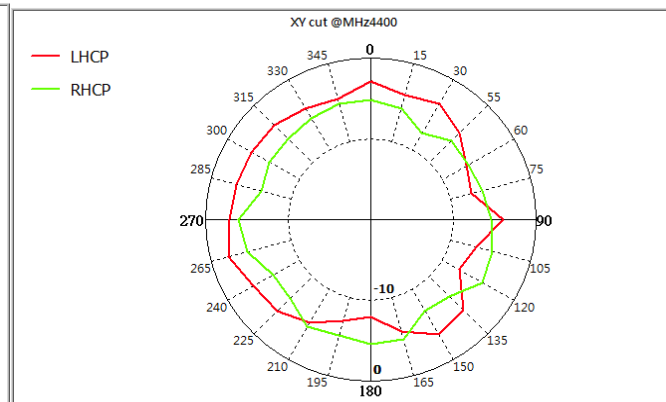
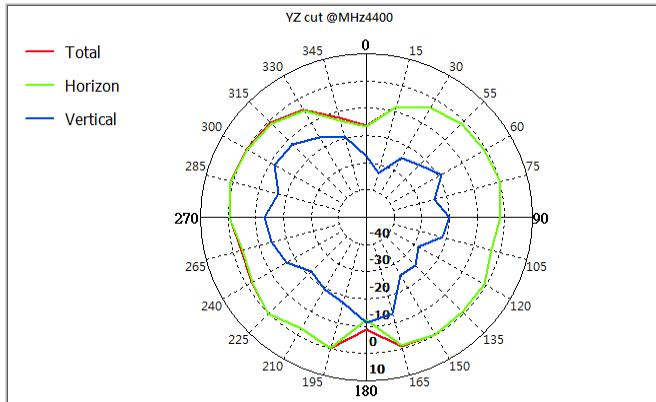
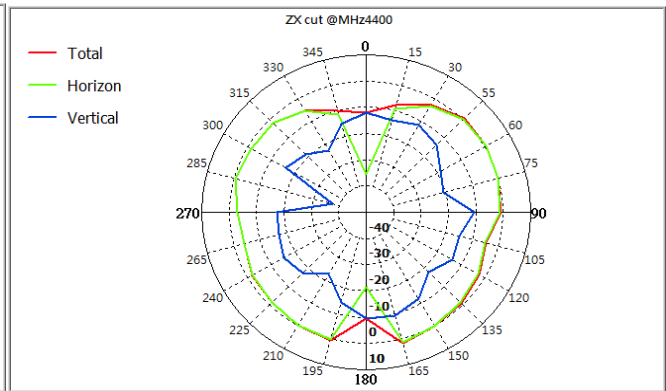
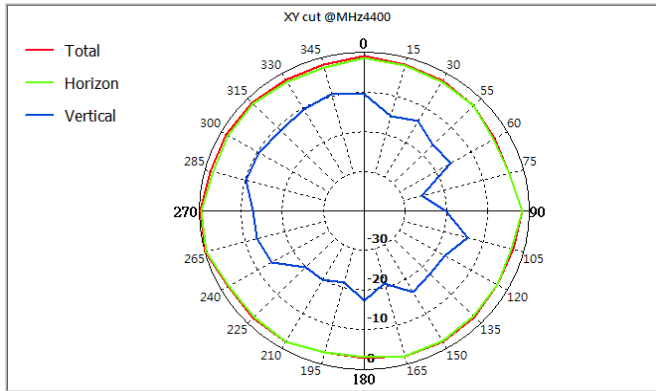


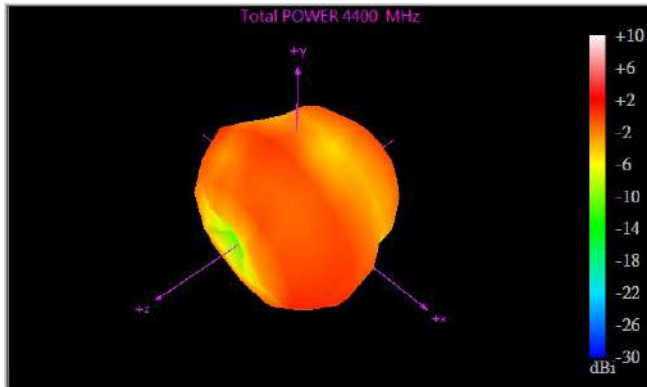
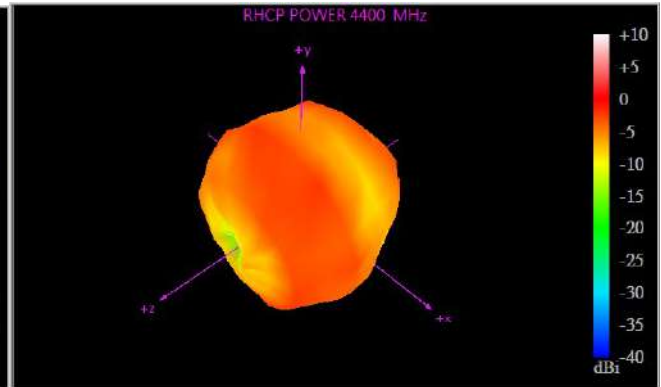
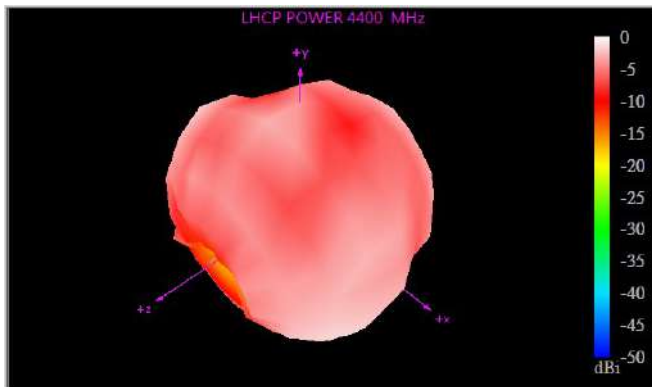
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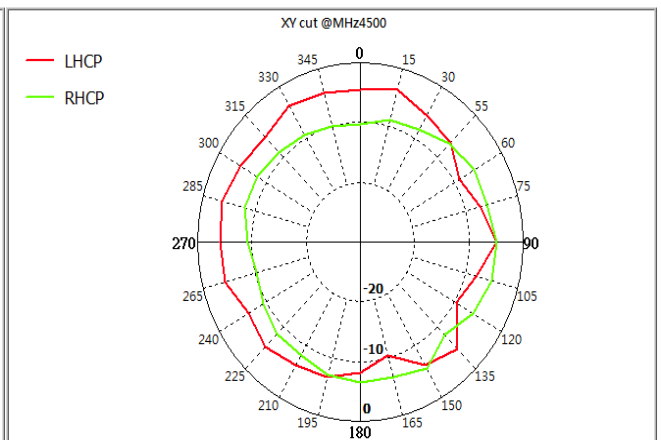
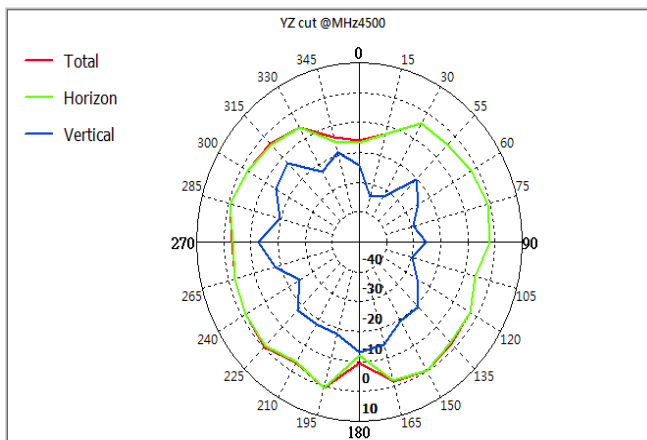
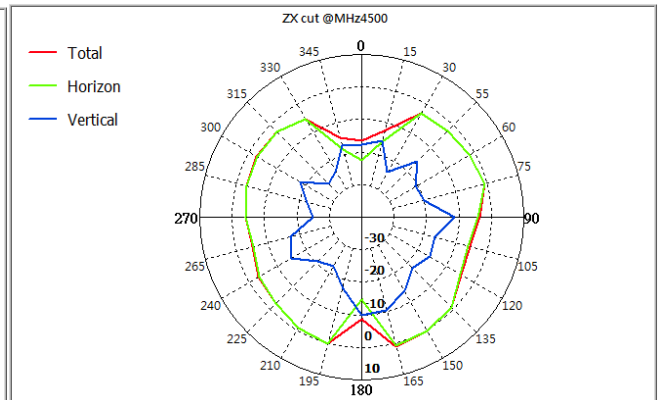
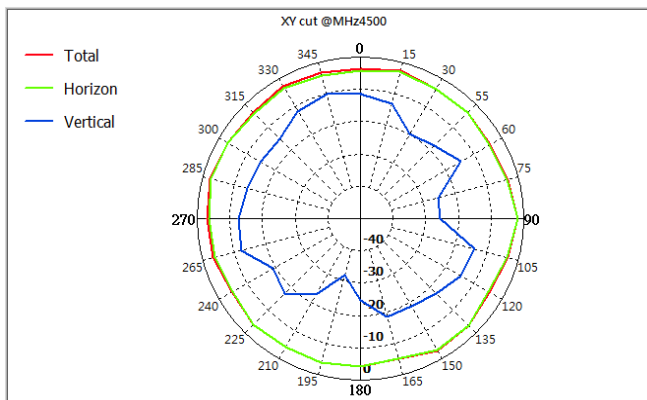


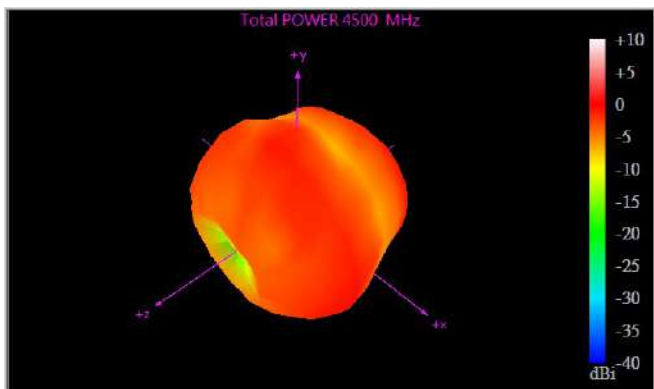
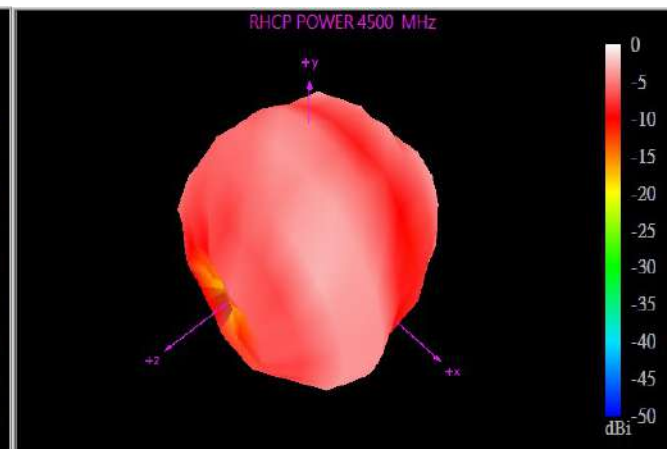
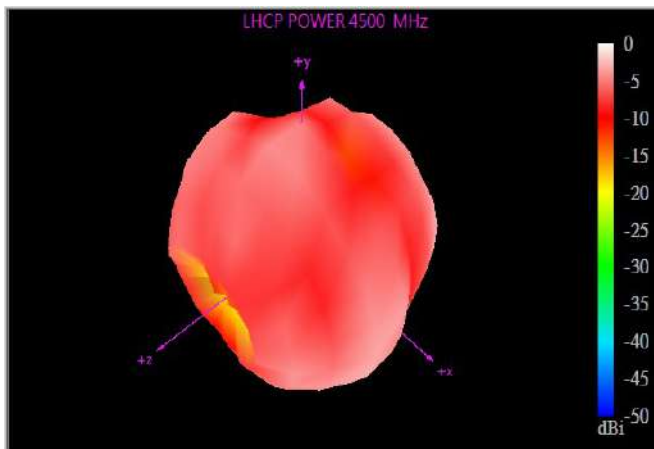
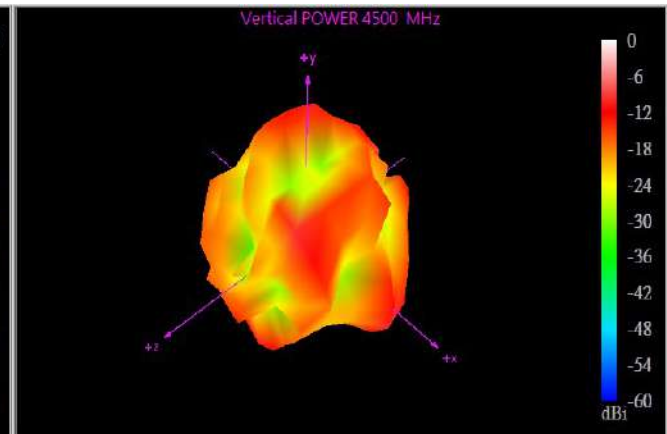
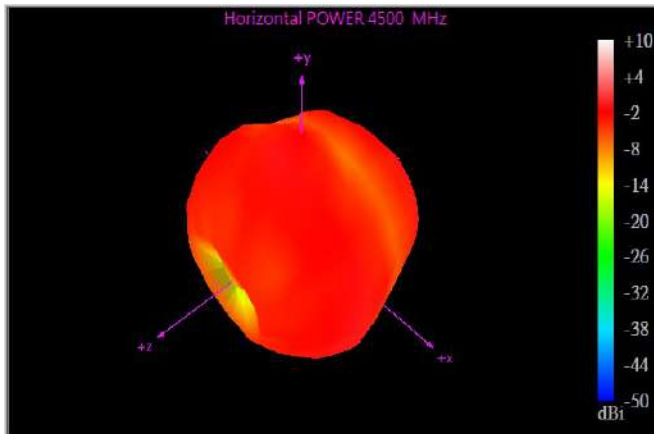
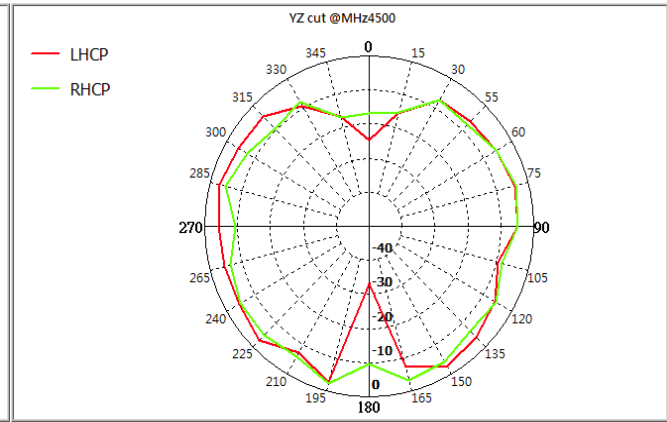
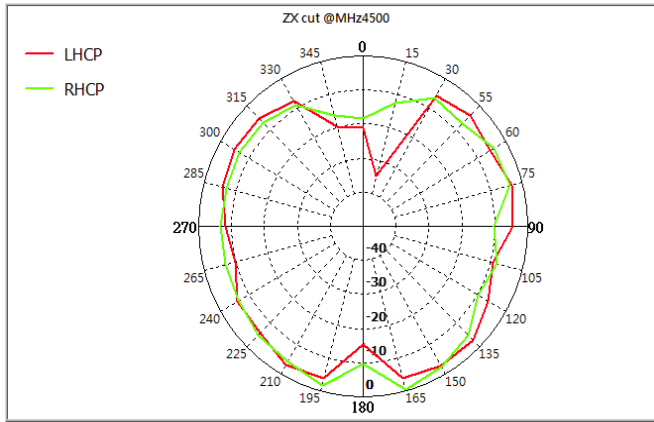
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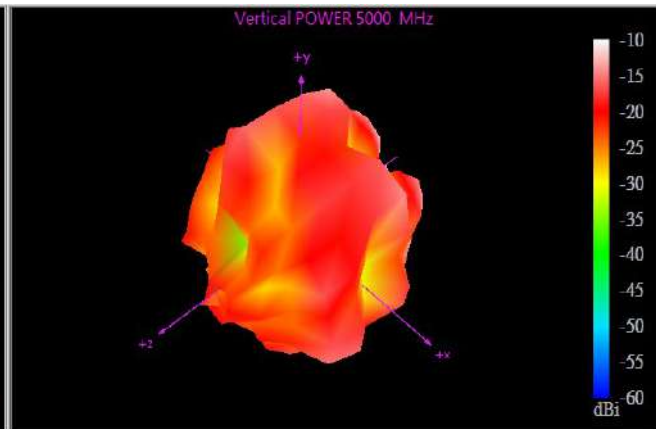
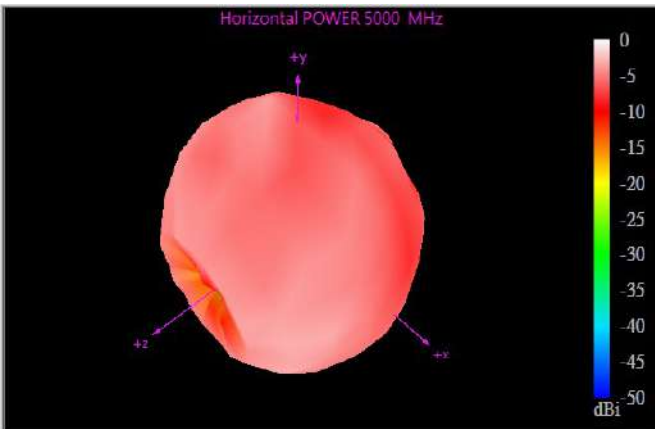
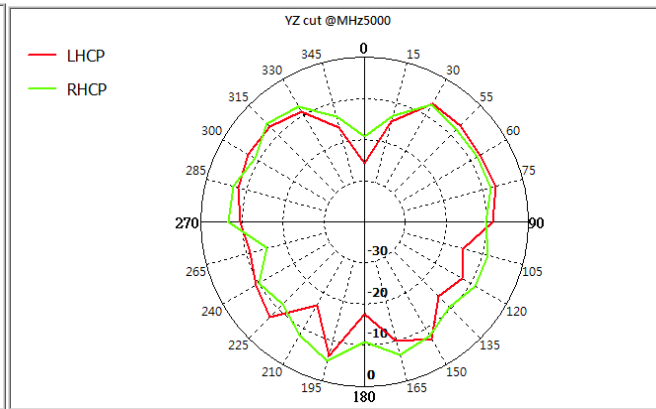
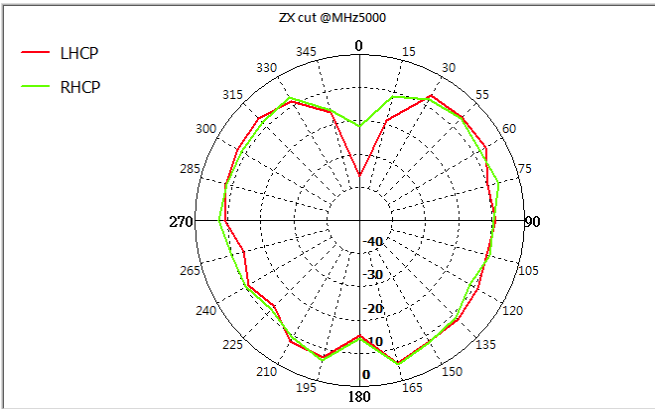
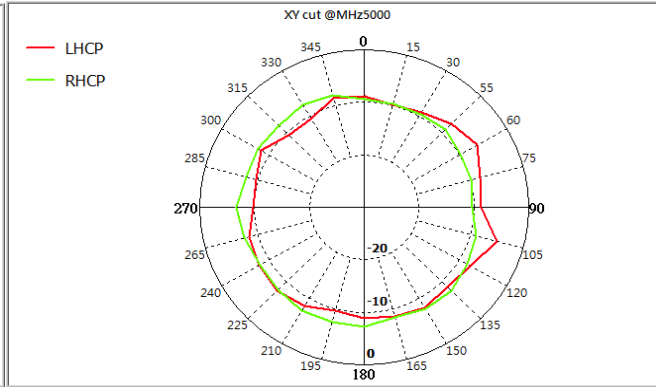
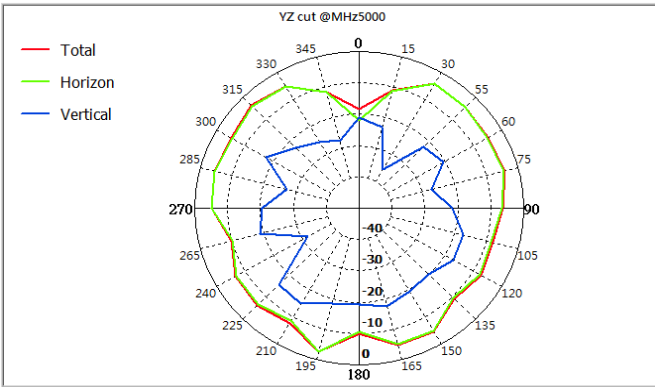
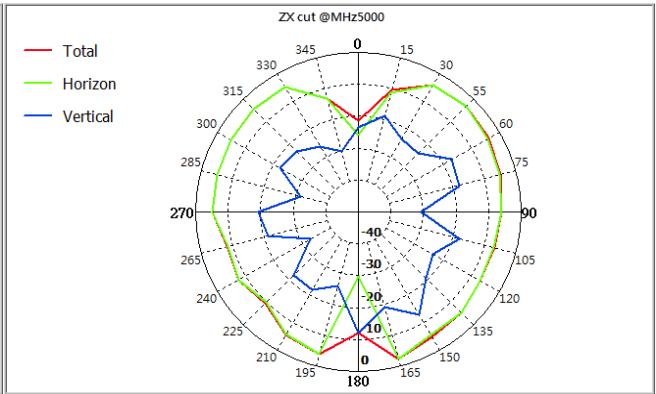
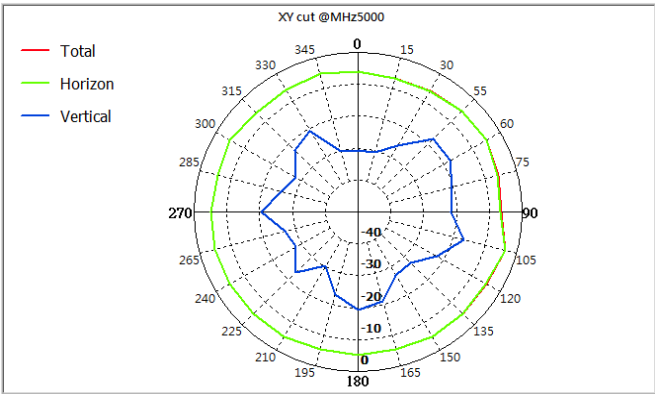


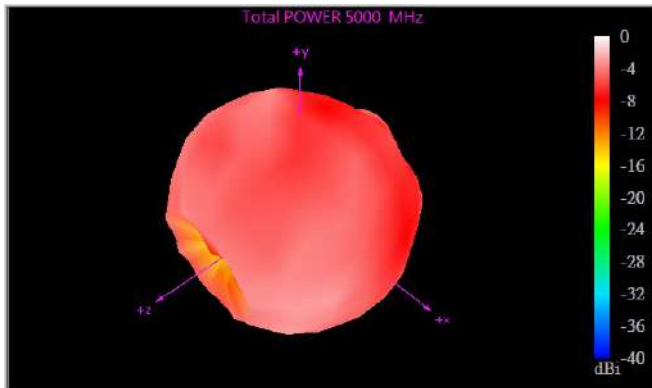
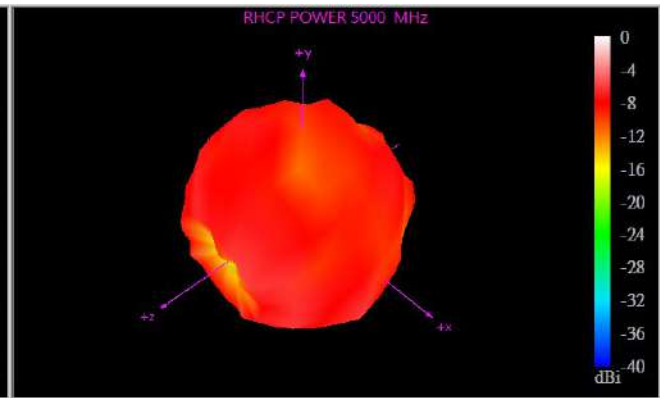
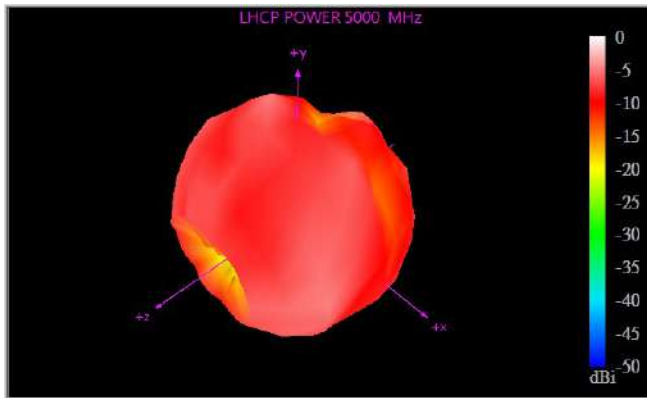
4500Mhz:





5000Mhz:





5500Mhz:

