

# Outdoor Omni 5G Band Antenna

**MODEL: TH-5800C**



## 1. Specifications:

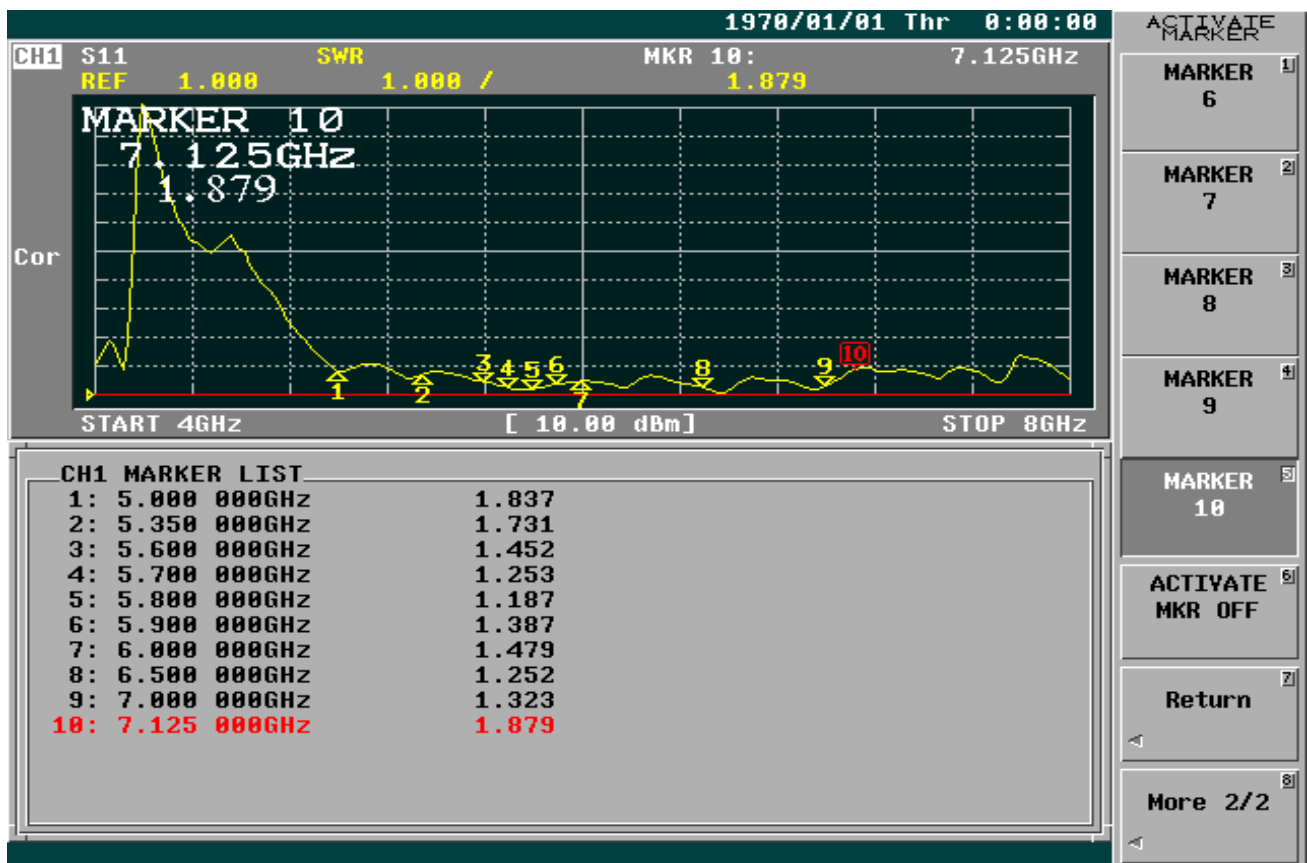
<b>Frequency range:</b>	<b>5700~5900Mhz</b>
<b>Gain:</b>	<b>5dBi</b>
<b>V.S.W.R:</b>	<b>2.0</b>
<b>Impedence:</b>	<b>50 ohm</b>
<b>Connector:</b>	<b>N Type male</b>
<b>Dimension:</b>	<b>605mm +/-10 x OD36mm</b>
<b>Weight:</b>	<b>0.34Kg</b>
<b>Polarization :</b>	<b>vertical</b>
<b>Power handling :</b>	<b>100W</b>
<b>Materials :</b>	<b>Fiberglass &amp; copper</b>
<b>Colour :</b>	<b>Black</b>
<b>Rated wind velocity :</b>	<b>60m/s</b>
<b>Working Temperature :</b>	<b>-40~60°C</b>
<b>Lightning Protection :</b>	<b>Direct Ground</b>

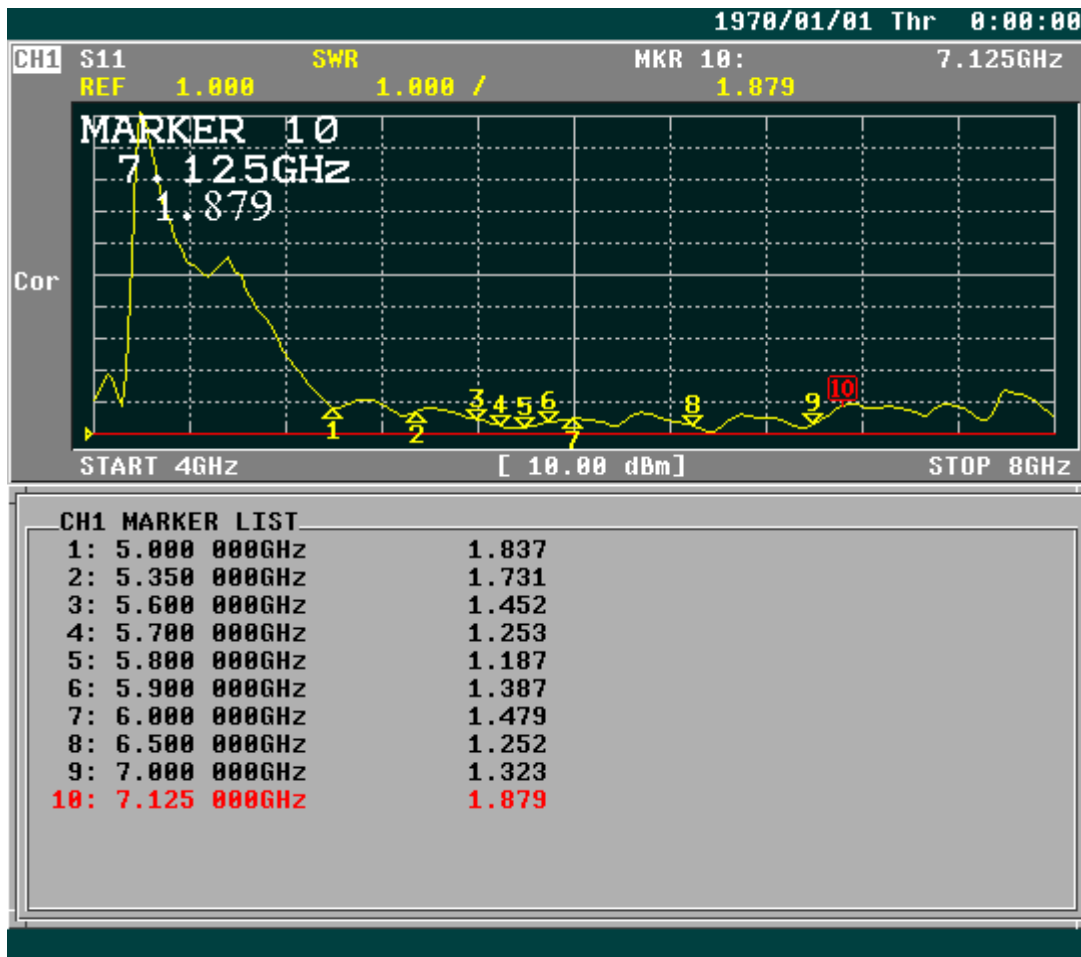
\* This specification is subject to change without prior notice

## 2.APPEARANCE:



### 3. FREQUENCY:





ACTIVATE MARKER

MARKER 6

MARKER 7

MARKER 8

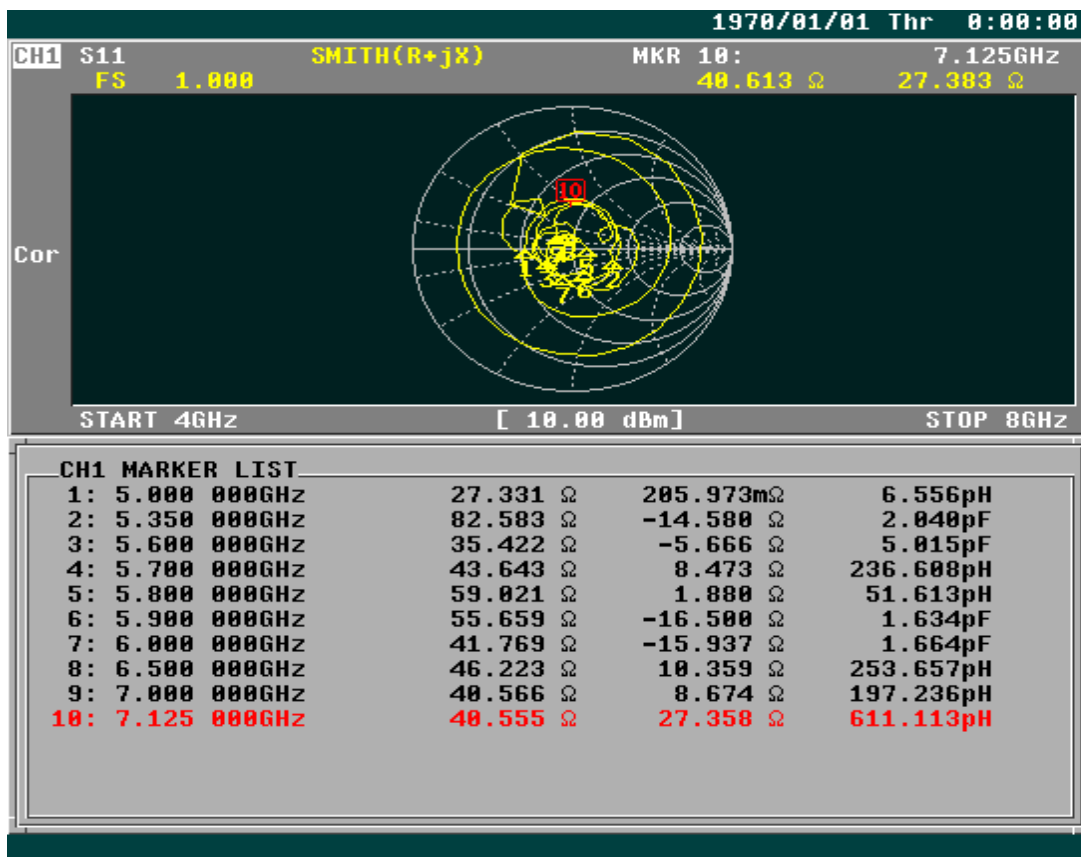
MARKER 9

MARKER 10

ACTIYATE MKR OFF

Return

More 2/2



FORMAT

LOG MAG

PHASE

DELAY

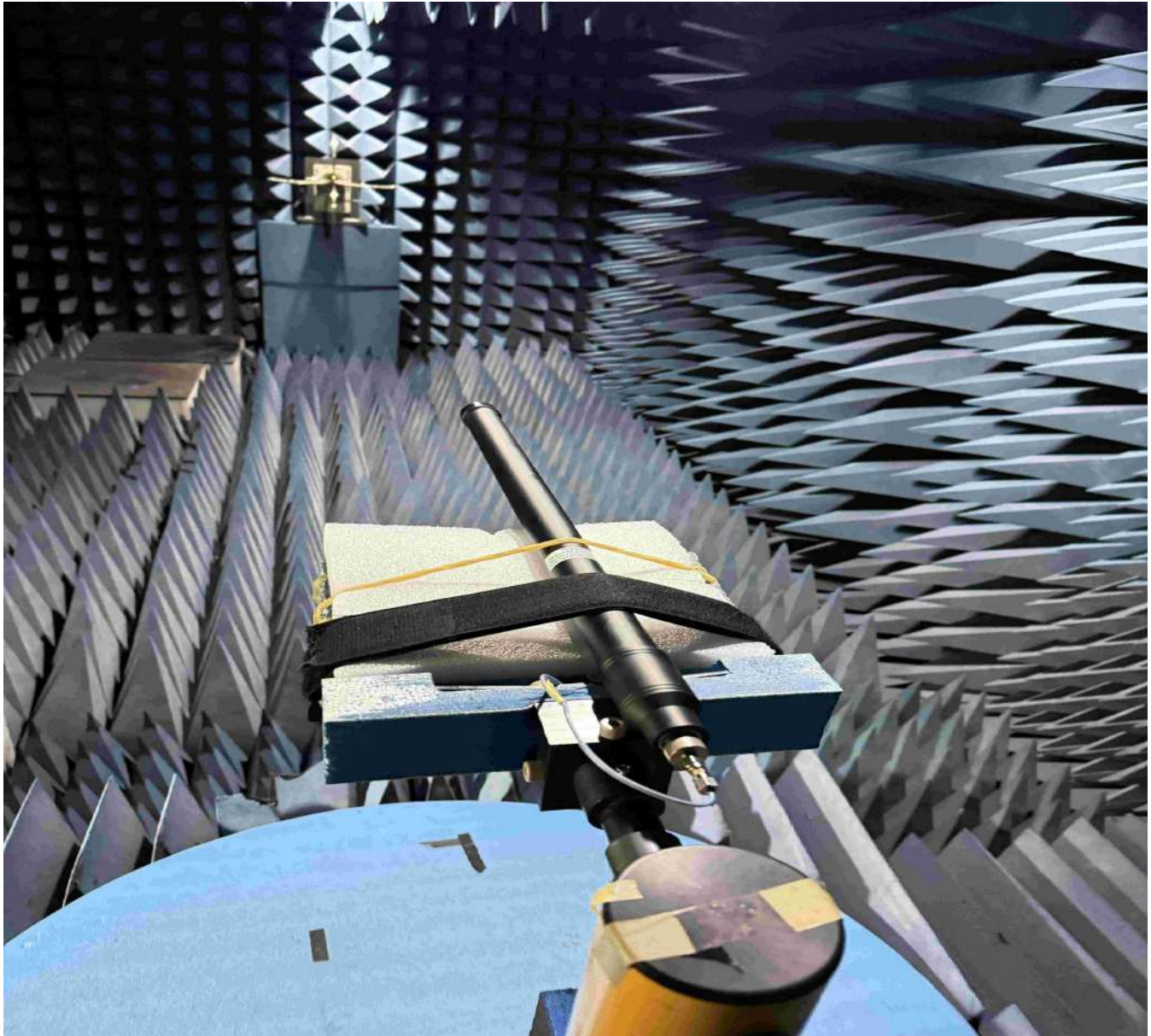
SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2

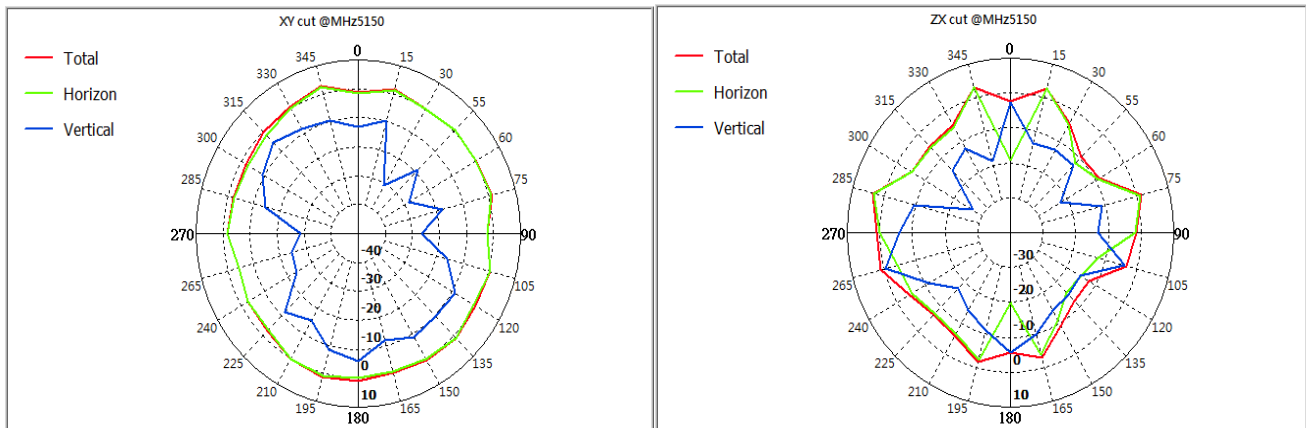


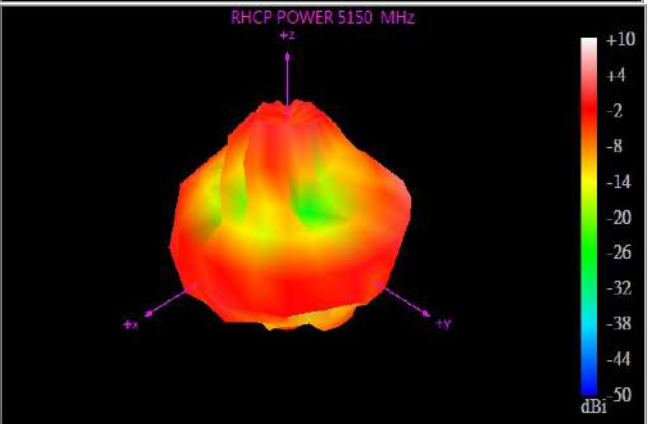
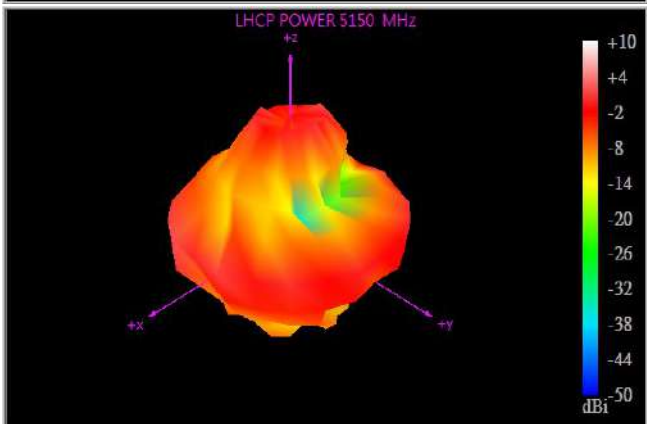
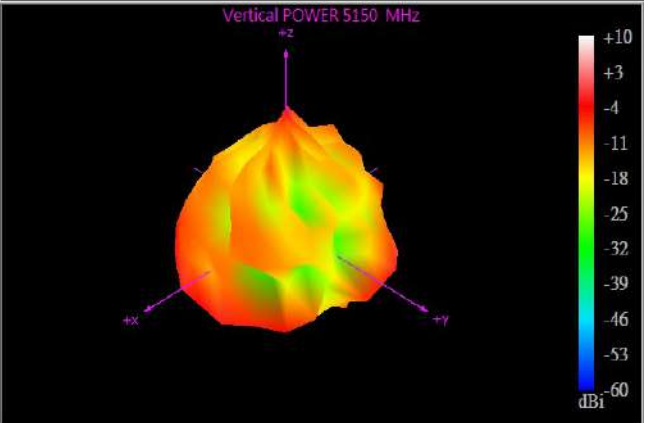
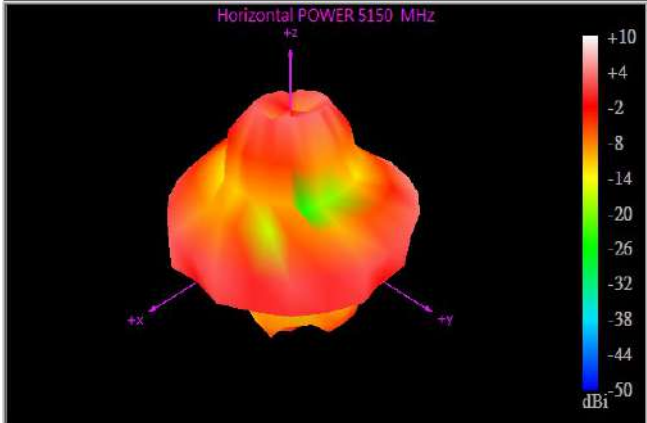
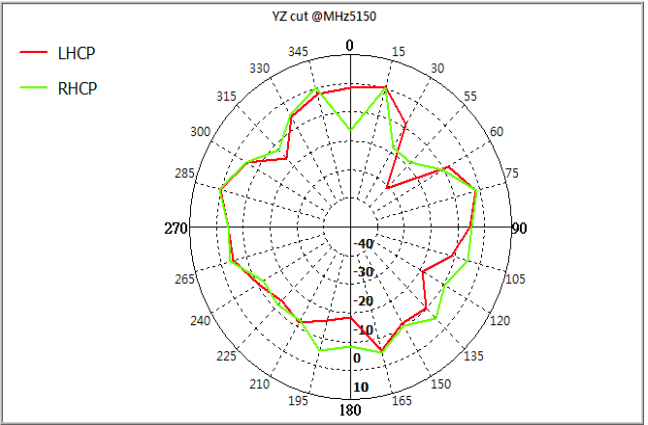
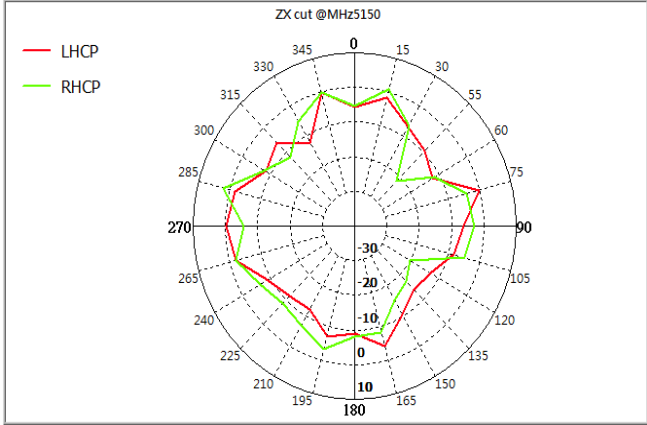
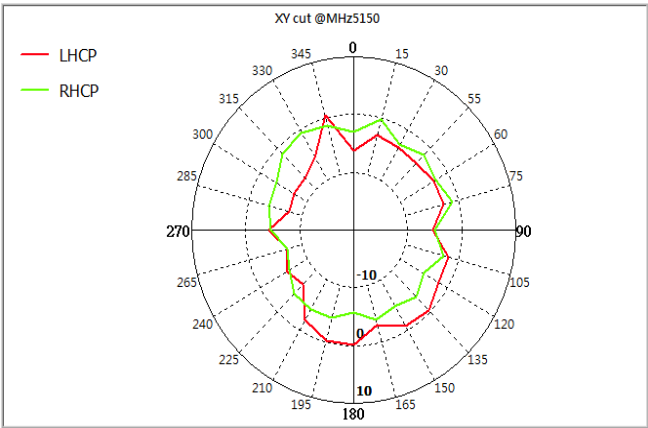
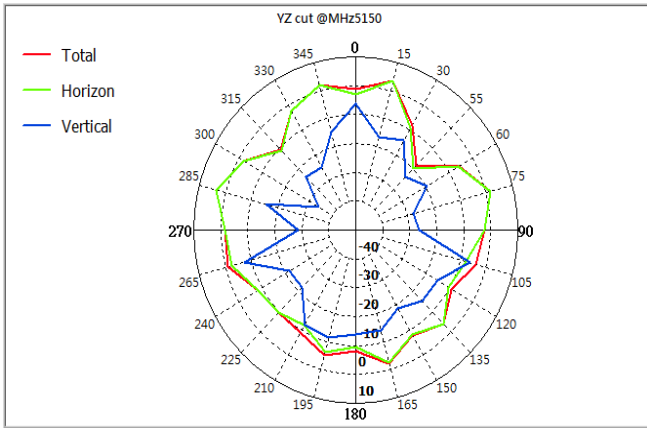
3D Total

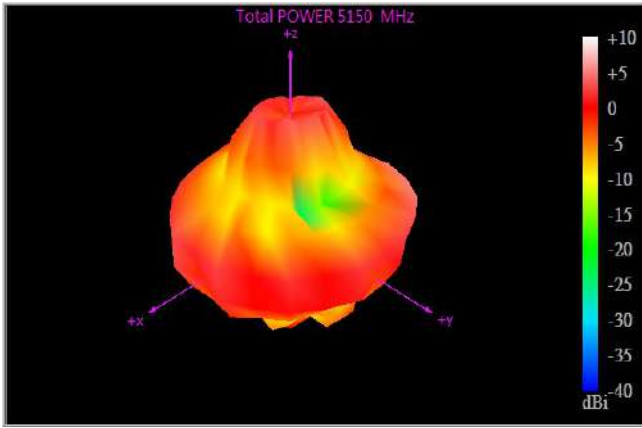
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
5000 MHz	-5.96	-7.66	-3.72	42.49	3.67	-3.72
5100 MHz	-4.95	-7.79	-3.14	48.58	3.71	-3.14
5150 MHz	-3.97	-6.74	-2.13	61.29	5.16	-2.13
5200 MHz	-4.00	-7.75	-2.47	56.60	5.09	-2.47
5250 MHz	-2.19	-5.90	-0.65	86.03	6.56	-0.65
5300 MHz	-3.05	-7.27	-1.65	68.36	5.69	-1.65
5350 MHz	-2.88	-6.74	-1.39	72.63	5.39	-1.39
5400 MHz	-2.98	-7.33	-1.63	68.79	5.35	-1.63
5450 MHz	-3.50	-9.03	-2.43	57.18	5.55	-2.43
5500 MHz	-3.65	-10.48	-2.83	52.07	5.84	-2.83
5600 MHz	-2.92	-9.21	-2.00	63.06	7.31	-2.00
5650 MHz	-2.50	-7.68	-1.35	73.29	7.16	-1.35

5700 MHz	-4.81	-8.76	-3.34	46.35	5.22	-3.34
5750 MHz	-3.96	-7.69	-2.42	57.22	5.75	-2.42
5800 MHz	-4.89	-7.82	-3.10	48.97	3.52	-3.10
5850 MHz	-4.83	-7.46	-2.94	50.84	4.36	-2.94
5900 MHz	-4.45	-7.48	-2.70	53.71	3.85	-2.70
5950 MHz	-3.54	-6.92	-1.90	64.61	5.50	-1.90
6000 MHz	-4.19	-7.37	-2.49	56.39	5.23	-2.49
6100 MHz	-3.41	-6.90	-1.80	66.07	6.42	-1.80
6200 MHz	-3.85	-6.22	-1.86	65.13	6.73	-1.86
6300 MHz	-1.35	-3.55	0.70	97.00	10.54	0.70
6400 MHz	-2.20	-4.58	-0.22	95.13	9.67	-0.22
6500 MHz	-3.07	-5.99	-1.28	74.56	6.11	-1.28
6600 MHz	-4.31	-5.52	-1.86	65.13	5.99	-1.86
6700 MHz	-5.38	-5.39	-2.37	57.88	5.38	-2.37
6800 MHz	-3.62	-5.44	-1.42	72.09	6.21	-1.42
6900 MHz	-8.37	-10.10	-6.14	24.33	1.90	-6.14
7000 MHz	-3.51	-5.13	-1.24	75.23	6.24	-1.24
7100 MHz	-4.78	-6.04	-2.35	58.18	3.73	-2.35
7125 MHz	-4.98	-6.26	-2.56	55.41	4.87	-2.56
7200 MHz	-5.59	-5.68	-2.62	54.67	5.93	-2.62
7300 MHz	2.46	2.14	5.32	94.00	13.29	5.32
7400 MHz	-2.27	-5.67	-0.63	86.42	5.76	-0.63
7500 MHz	2.84	-0.04	4.65	95.00	14.53	4.65

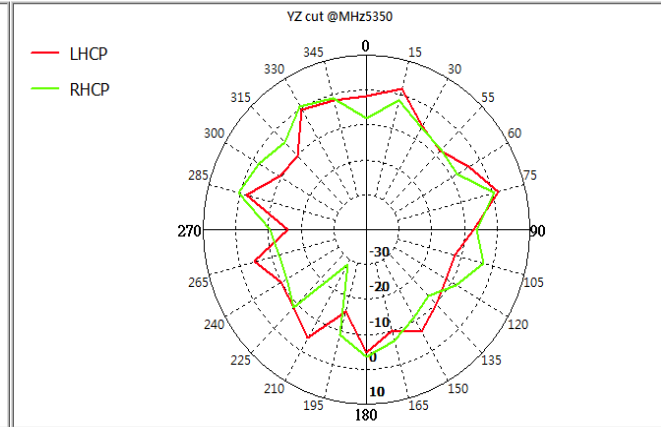
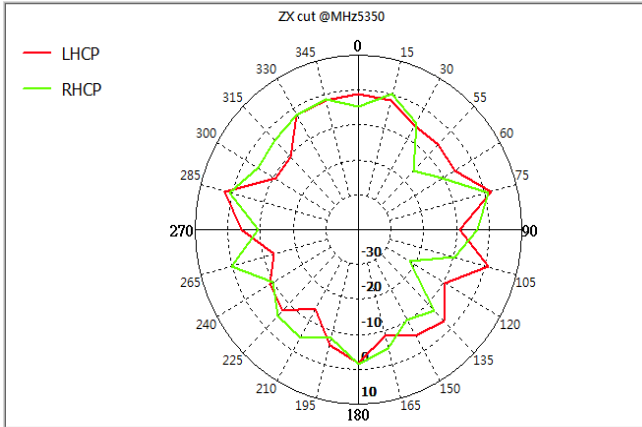
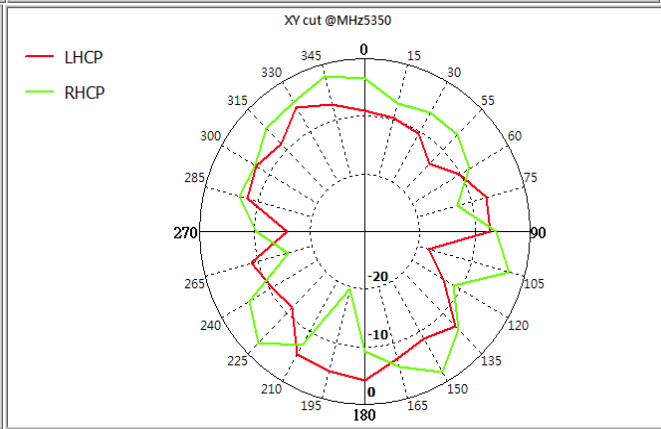
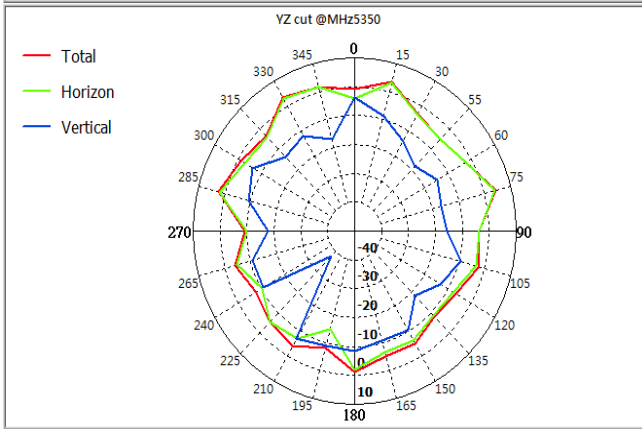
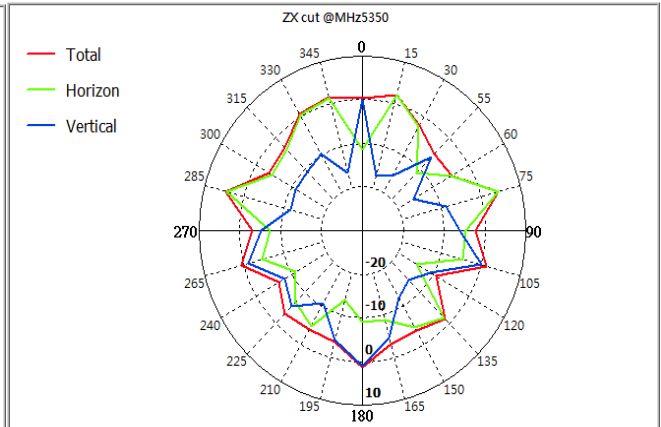
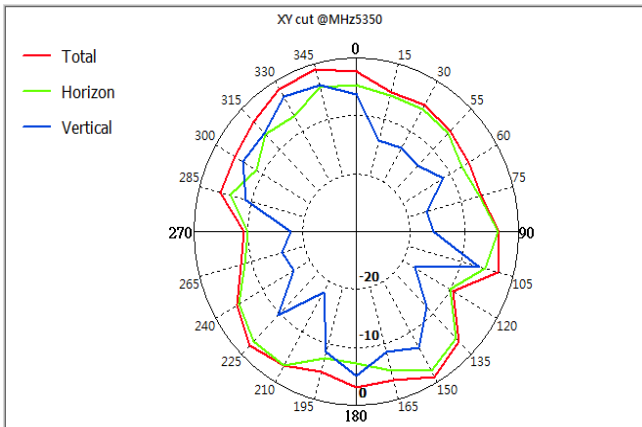
### 5150Mhz:

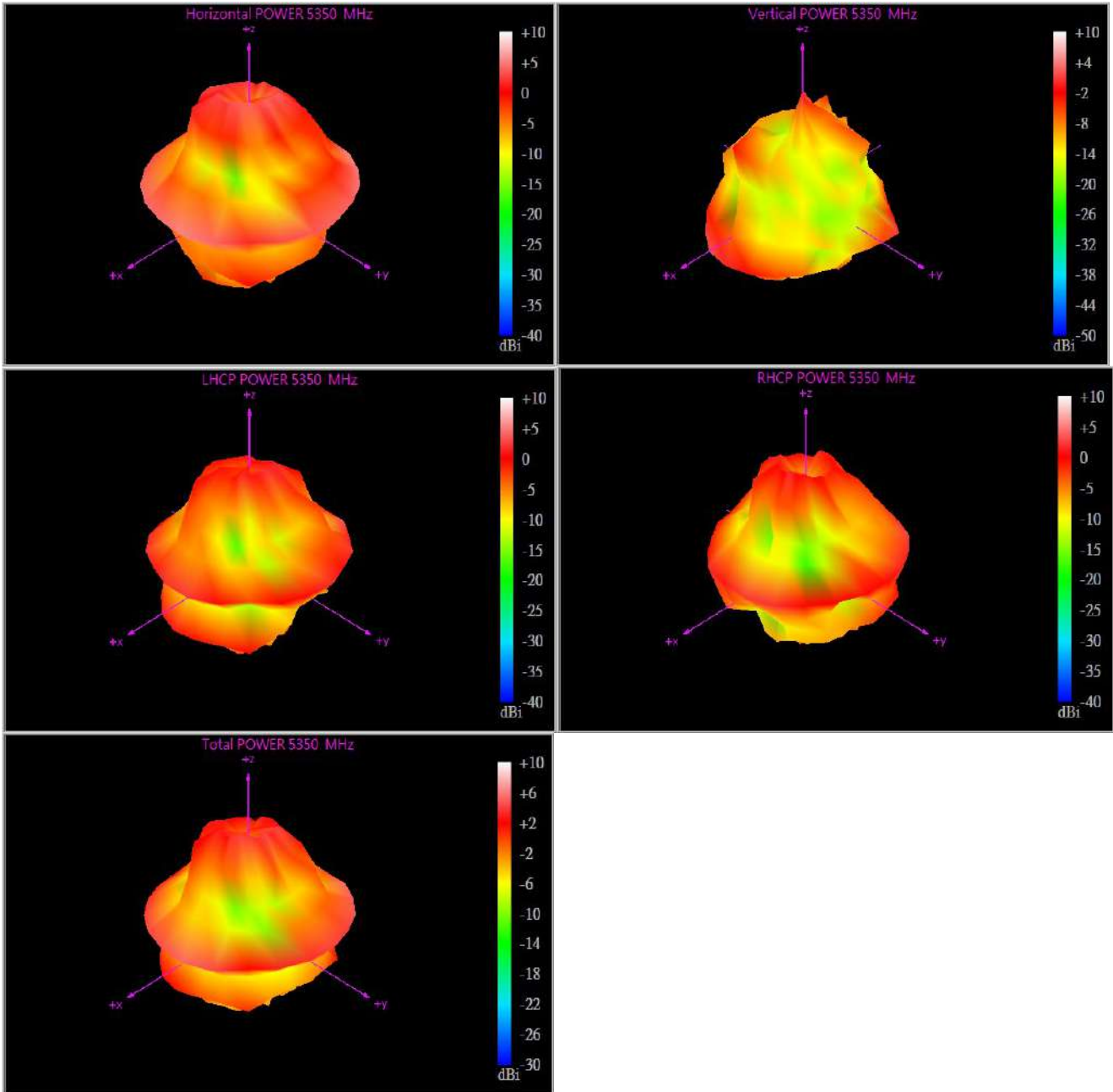




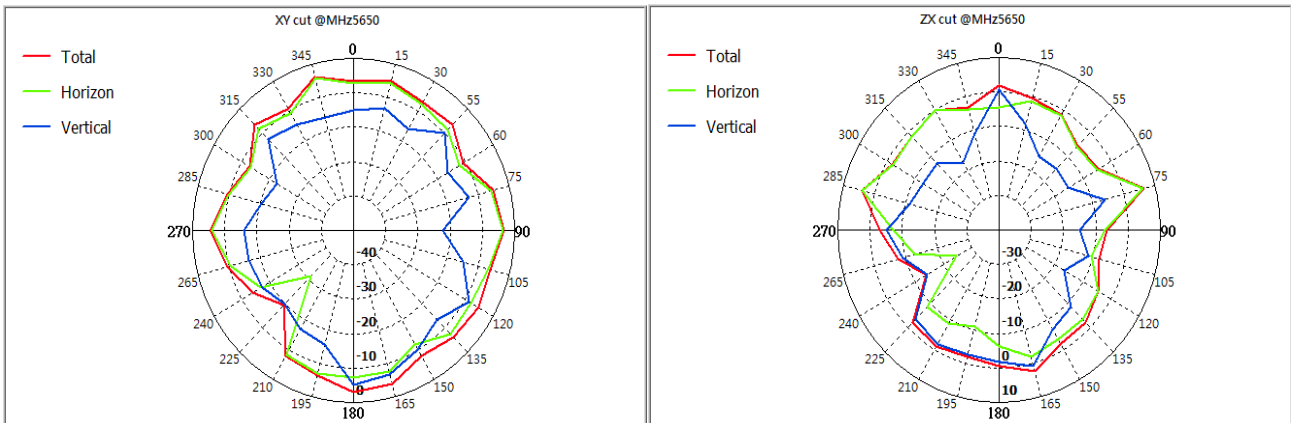


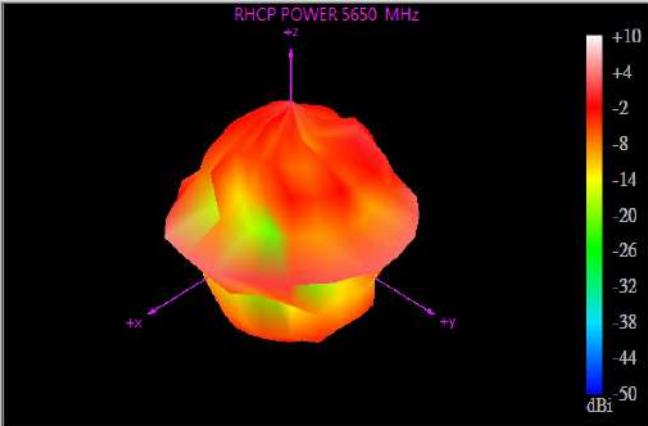
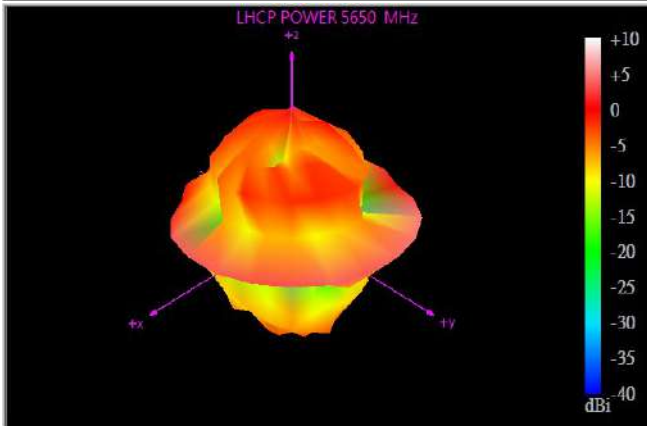
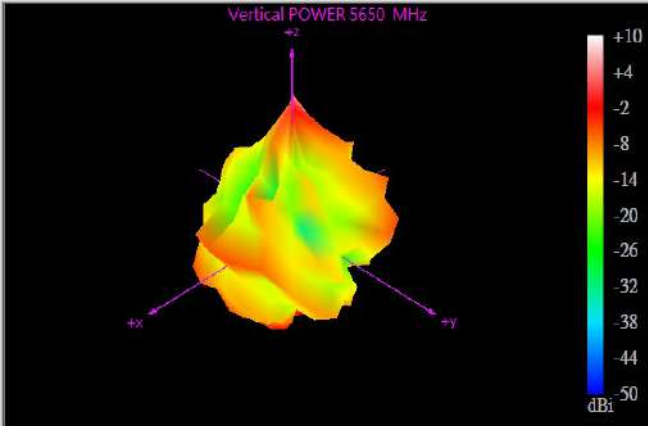
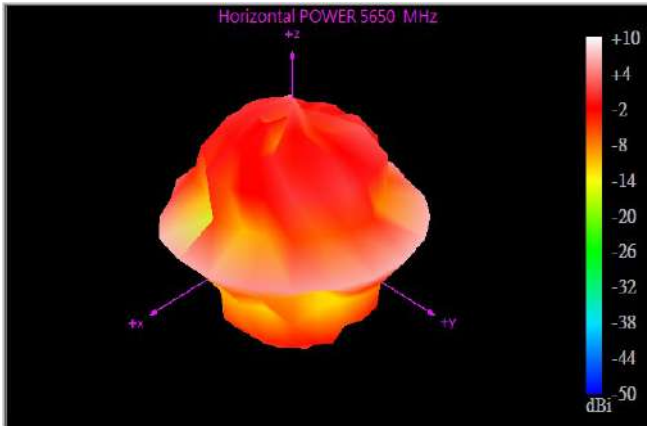
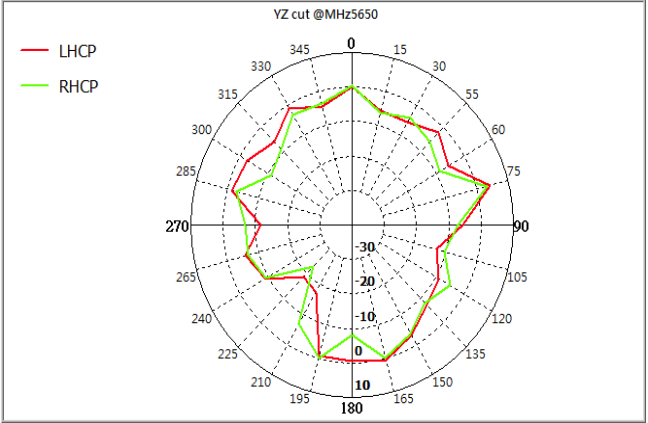
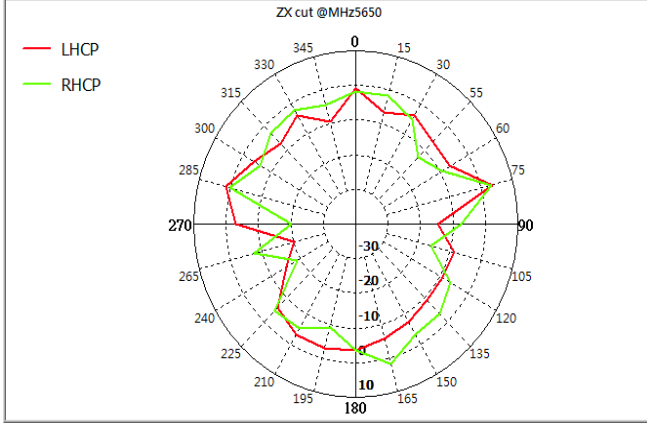
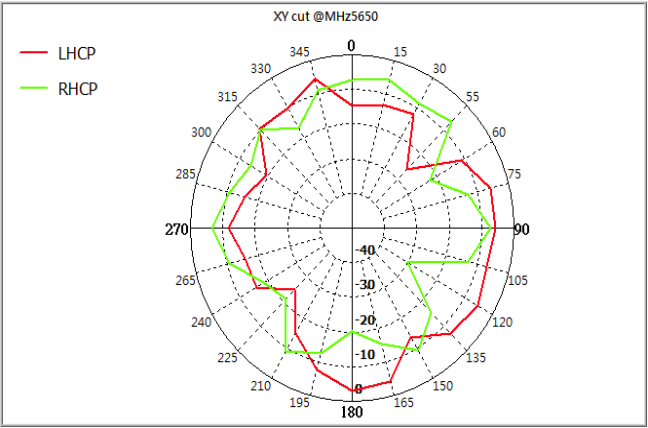
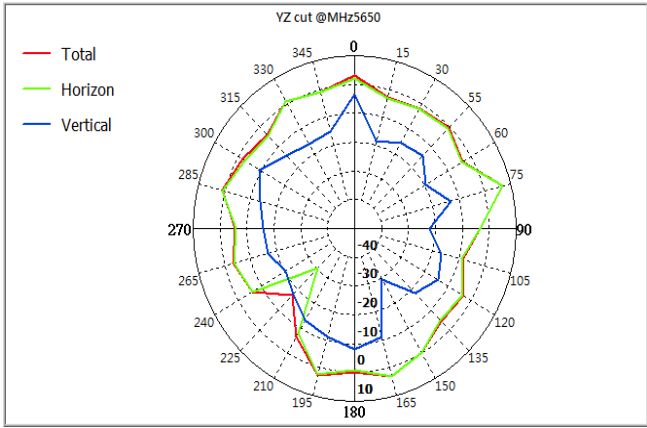
5350Mhz:

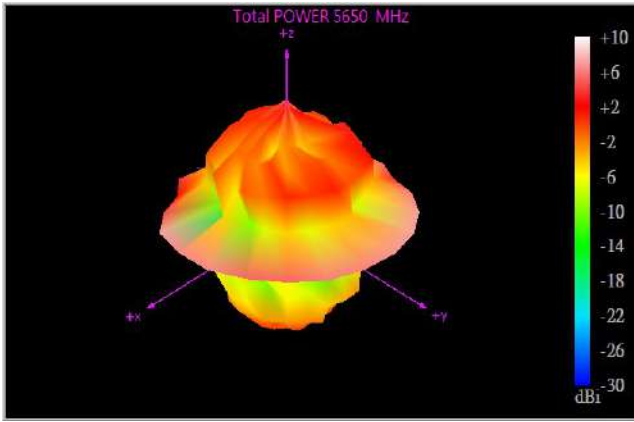




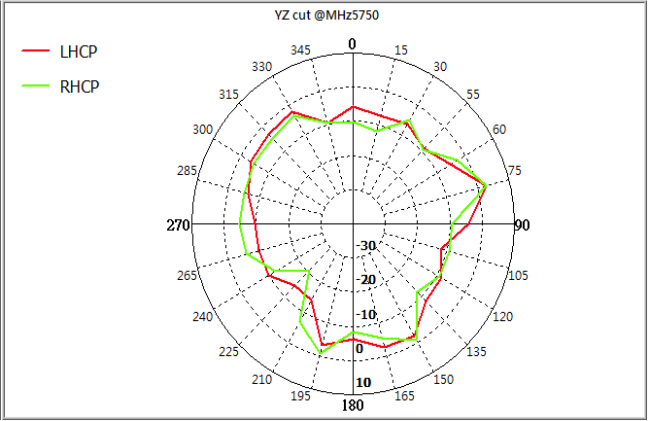
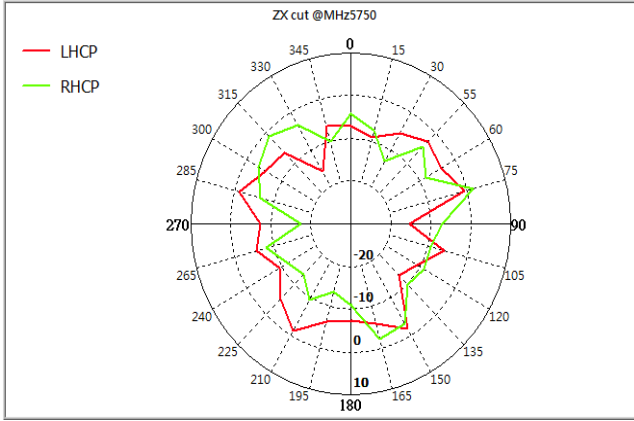
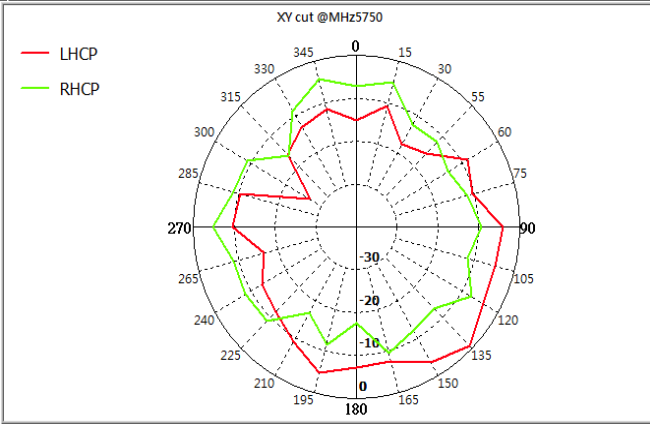
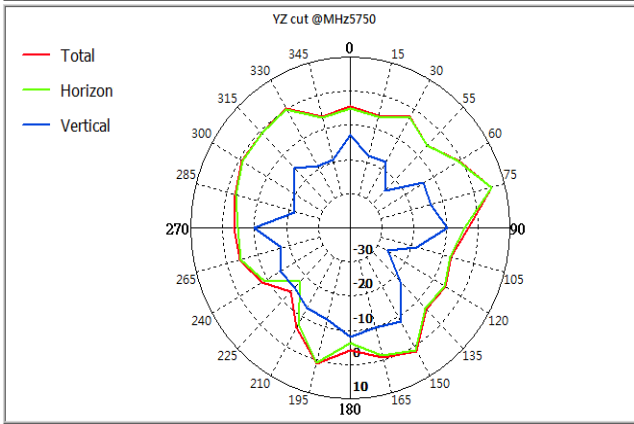
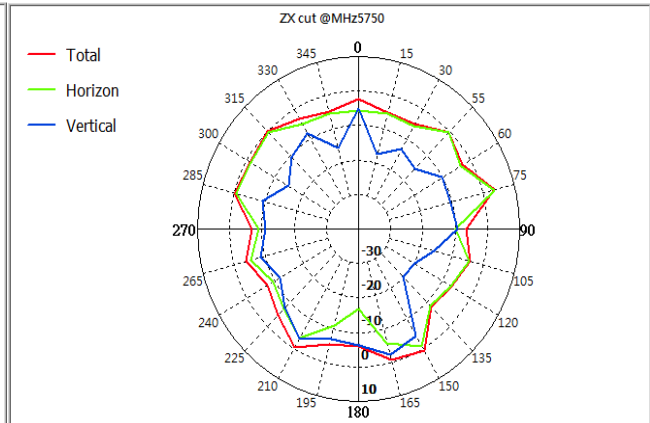
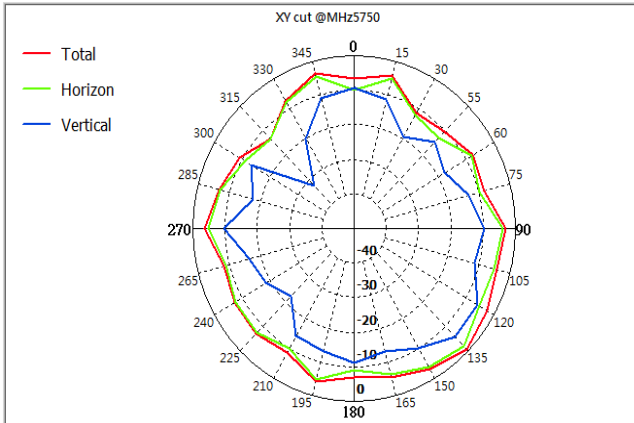
5650Mhz:

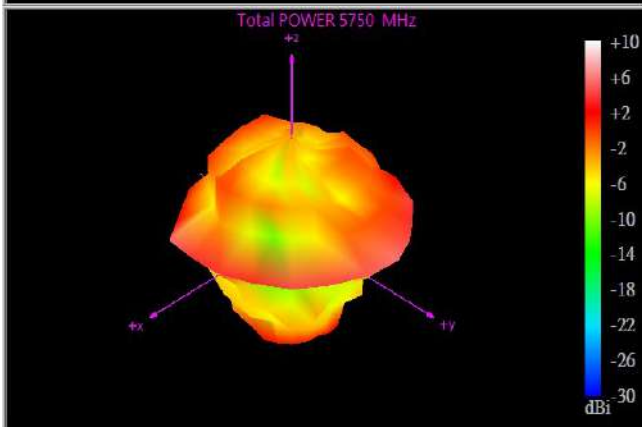
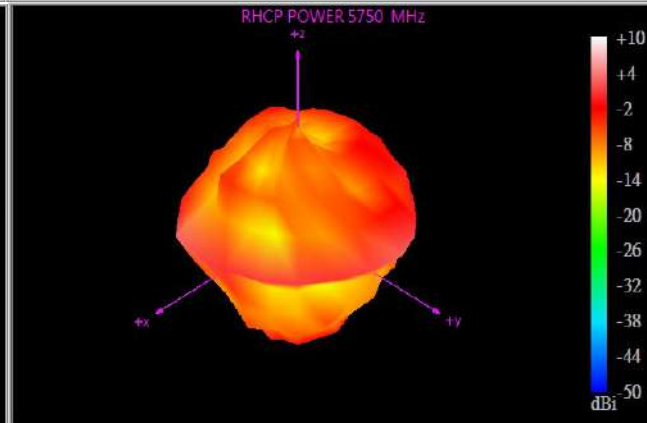
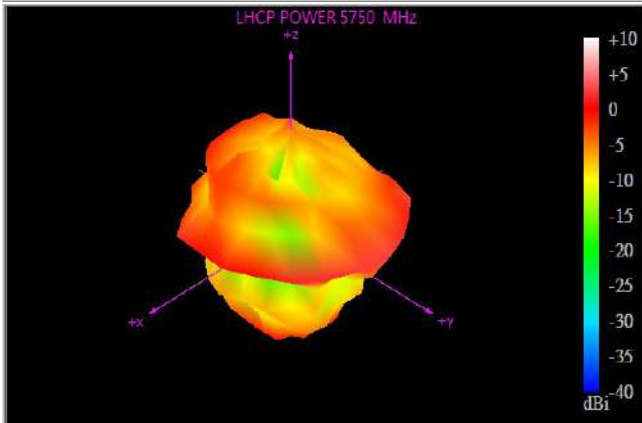
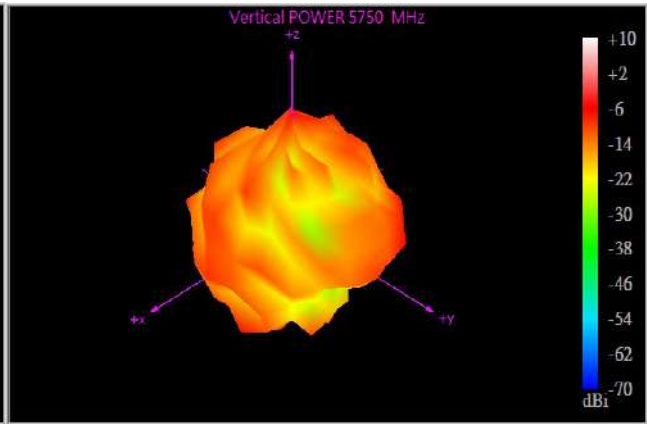
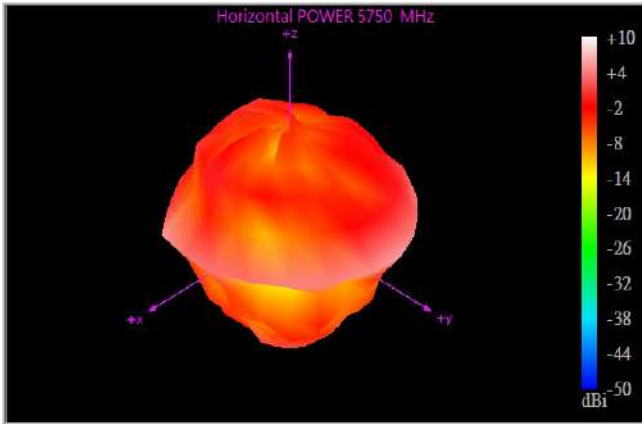






5750MHz:





5850MHz:

