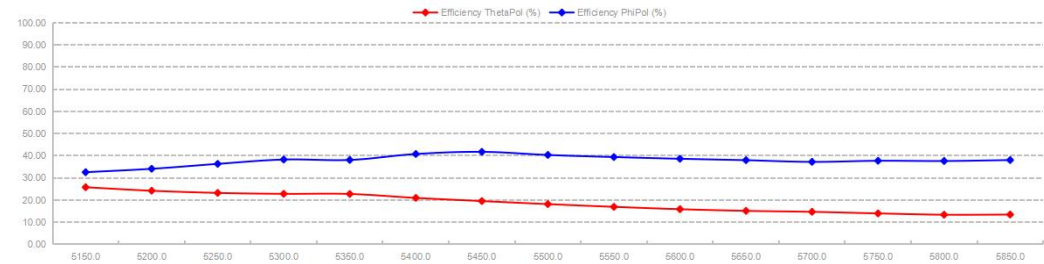
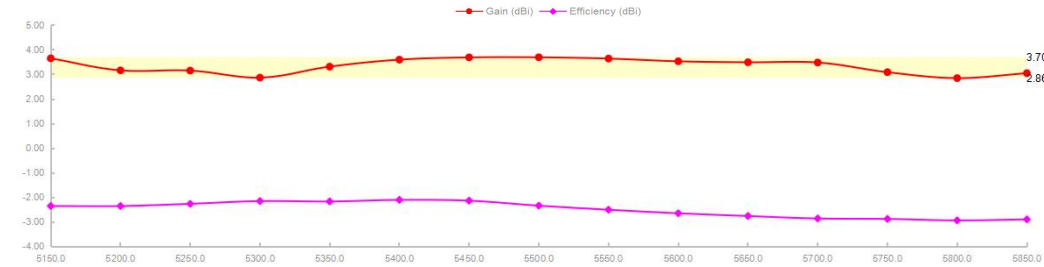
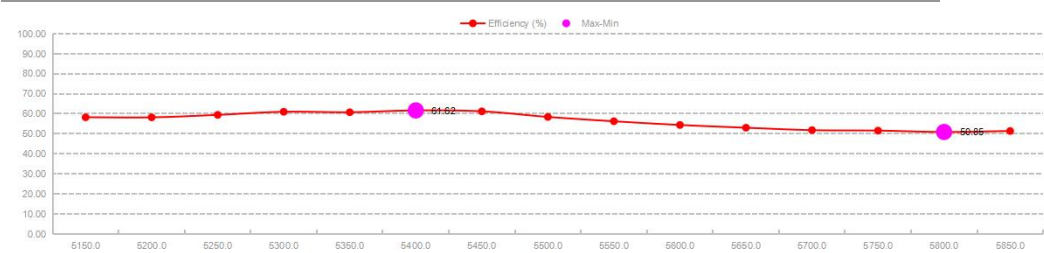
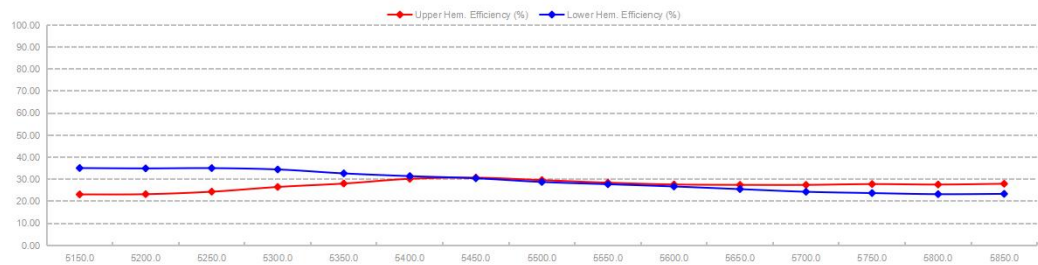




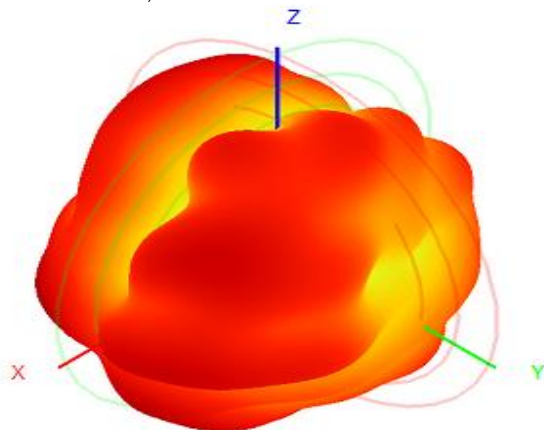
Feisheng Electronics

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Efficiency (dBi)	-2.35	-2.35	-2.26	-2.15	-2.17	-2.10	-2.13	-2.34	-2.65	-2.65	-2.76	-2.86	-2.88	-2.94	-2.90
Gain (dBi)	3.66	3.17	3.16	2.87	3.32	3.61	3.70	3.70	3.65	3.54	3.50	3.49	3.10	2.86	3.06
Efficiency (%)	58.21	58.17	59.40	60.95	60.72	61.62	61.16	58.38	56.20	54.36	52.98	51.77	51.55	50.85	51.34
Directivity (dB)	6.01	5.52	5.42	5.02	5.49	5.71	5.83	6.04	6.15	6.19	6.26	6.35	5.98	5.79	5.95
Peak Gain Position (Theta)	101.00	100.00	140.00	117.00	114.00	114.00	113.00	113.00	112.00	143.00	143.00	143.00	142.00	142.00	142.00
Peak Gain Position (Phi)	315.00	316.00	20.00	13.00	169.00	170.00	170.00	172.00	173.00	175.00	21.00	20.00	19.00	18.00	18.00
Efficiency ThetaPol (%)	25.71	24.13	23.15	22.73	22.67	20.89	19.46	18.09	16.86	15.79	15.05	14.61	13.89	13.29	13.35
Efficiency PhiPol (%)	32.49	34.04	36.26	38.22	38.05	40.72	41.70	40.29	39.35	38.57	37.93	37.17	37.66	37.56	37.99
Upper Hem. Efficiency (%)	23.13	23.24	24.36	26.51	28.06	30.20	30.72	29.61	28.45	27.63	27.45	27.45	27.81	27.61	27.96
Lower Hem. Efficiency (%)	35.08	34.93	35.05	34.44	32.66	31.42	30.44	28.77	27.75	26.73	25.53	24.33	23.74	23.24	23.38
T90(H) 圓度	16.43	15.26	12.63	12.28	15.43	17.60	21.77	23.43	20.85	15.81	16.74	17.73	16.42	19.90	19.51
Gain 15deg (dBi)															
E1(XZ) 波瓣寬度	66.00	52.00	94.00	94.00	23.00	20.00	19.00	18.00	18.00	18.00	19.00	19.00	18.00	18.00	18.00
E1(XZ) 前後比	1.78	1.26	0.25	0.18	0.89	0.92	1.07	1.89	2.32	2.54	2.68	3.11	3.93	4.00	4.27
E2(YZ) 波瓣寬度	57.00	54.00	51.00	50.00	42.00	42.00	45.00	50.00	73.00	58.00	50.00	45.00	47.00	53.00	64.00
E2(YZ) 前後比	6.42	5.89	6.26	5.11	4.90	5.23	5.17	4.40	3.09	2.28	3.07	3.50	3.44	2.76	1.99
最大增益處軸比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
仰角10度處差(大)軸比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Hc(XY) 波瓣寬度	118.00	81.00	66.00	62.00	47.00	34.00	32.00	28.00	25.00	26.00	27.00	65.00	65.00	42.00	40.00
Hc(XY) 前後比	1.26	1.96	2.07	1.95	2.64	4.00	5.70	7.28	9.16	8.65	8.54	8.95	9.73	10.90	11.94
Empty															

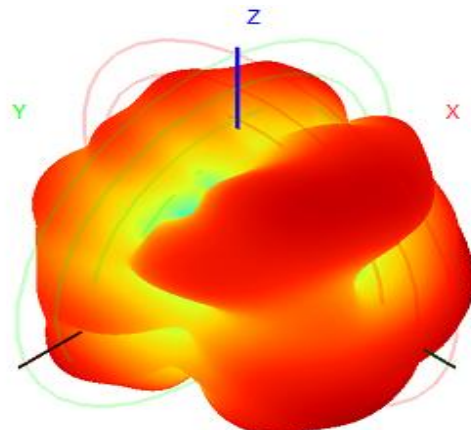




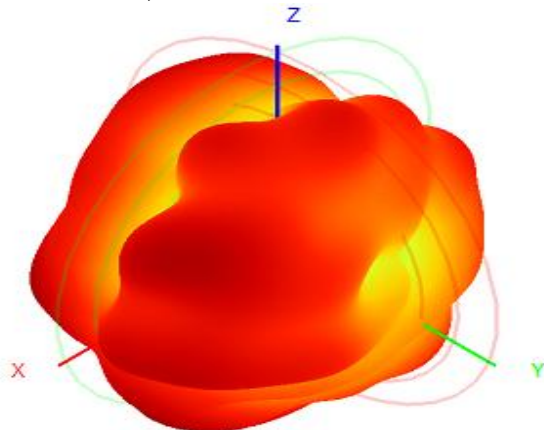
5150.0MHz H+V, Eff: 58.2%



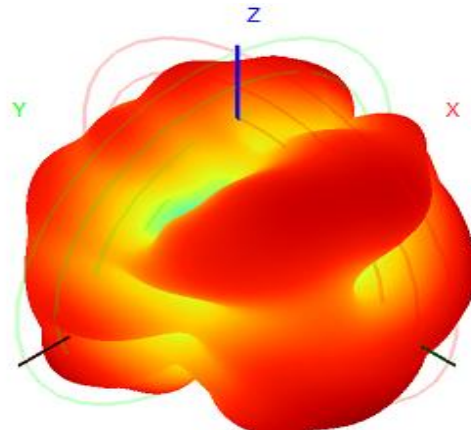
Back View



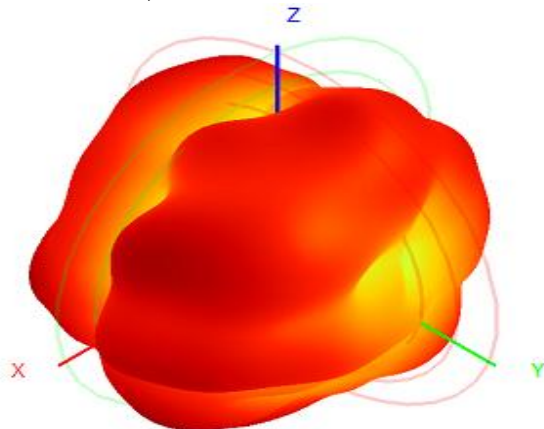
5200.0MHz H+V, Eff: 58.2%



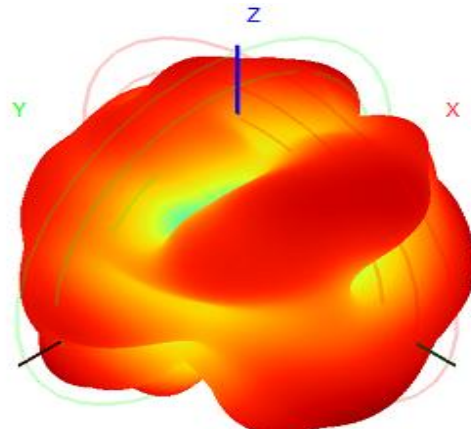
Back View



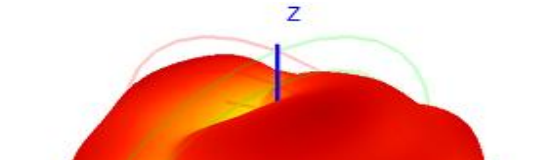
5250.0MHz H+V, Eff: 59.4%



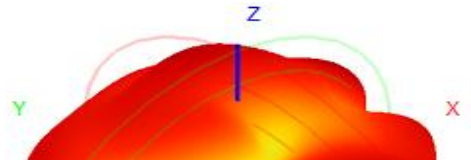
Back View

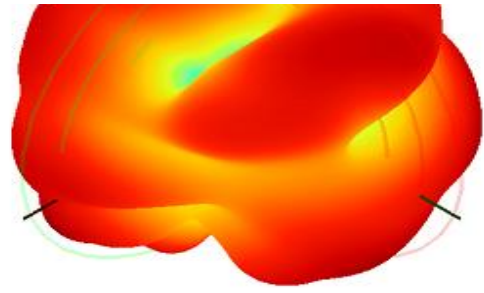
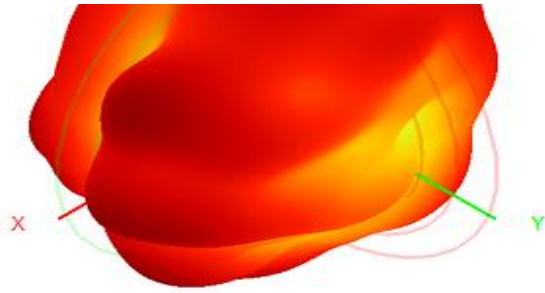


5300.0MHz H+V, Eff: 61.0%



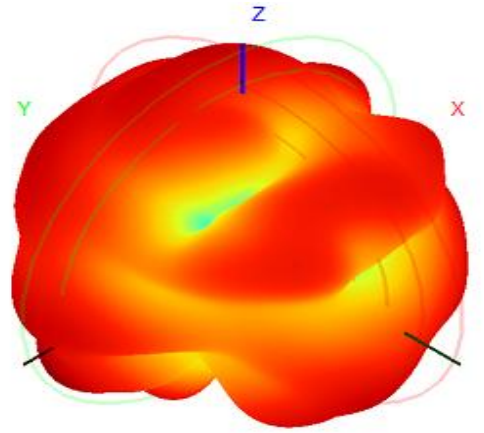
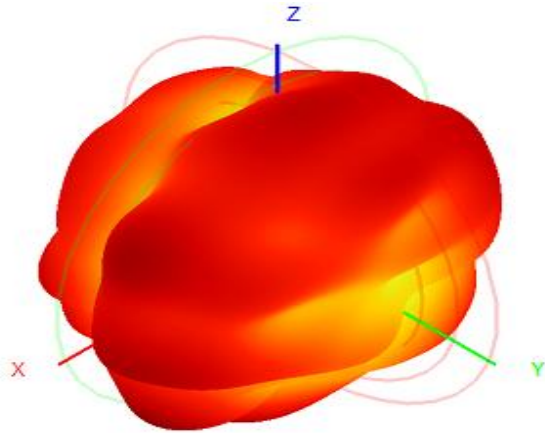
Back View





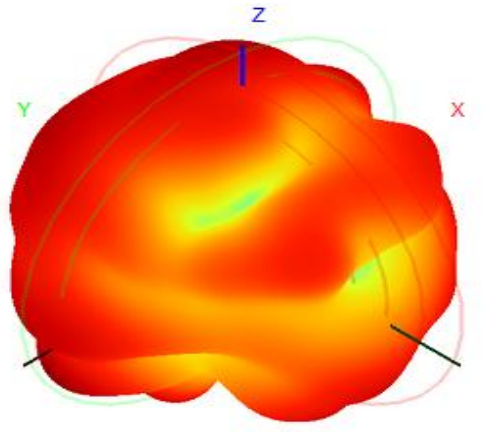
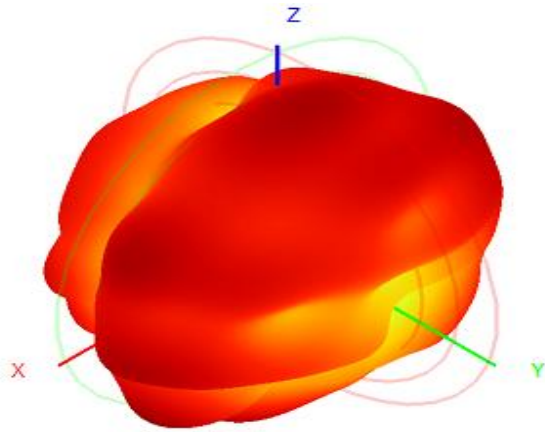
5350.0MHz H+V, Eff: 60.7%

Back View



5400.0MHz H+V, Eff: 61.6%

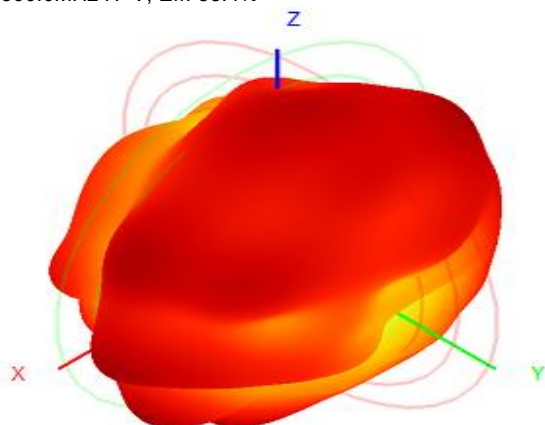
Back View



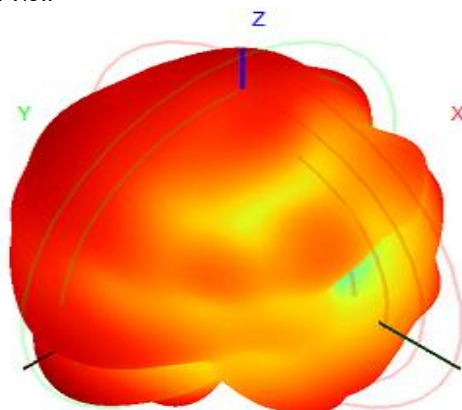
5450.0MHz H+V, Eff: 61.2%

Back View

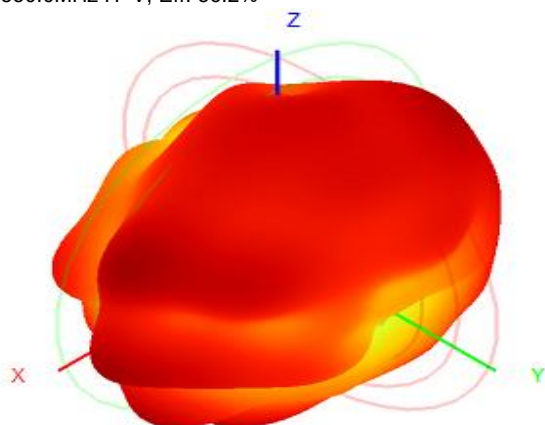
5500.0MHz H+V, Eff: 58.4%



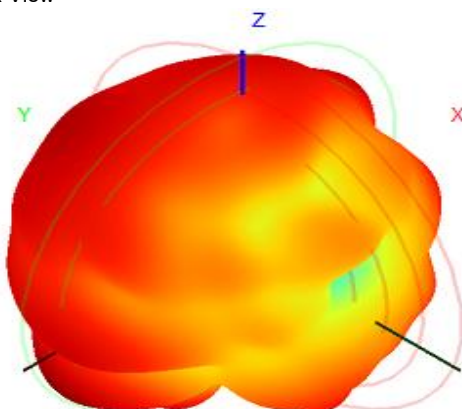
Back View



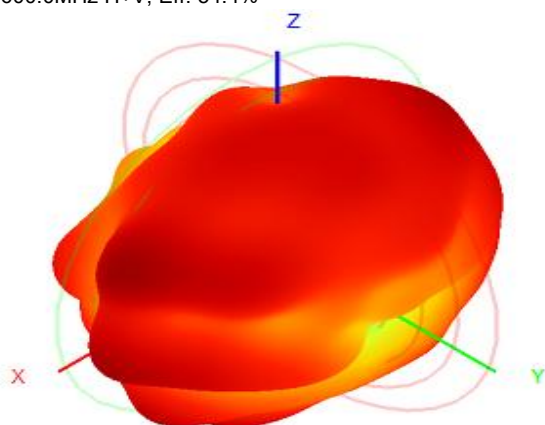
5550.0MHz H+V, Eff: 56.2%



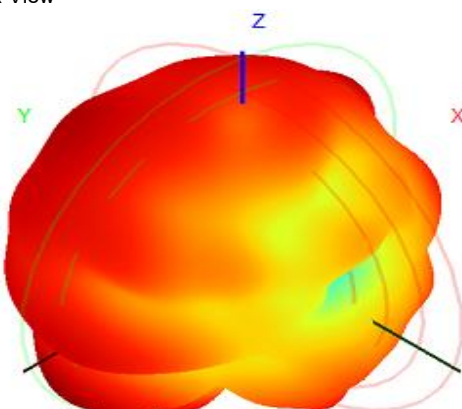
Back View



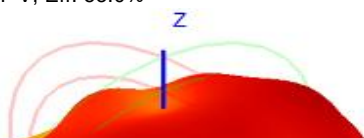
5600.0MHz H+V, Eff: 54.4%



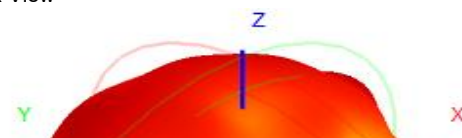
Back View

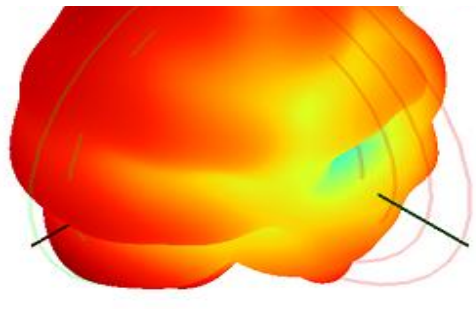
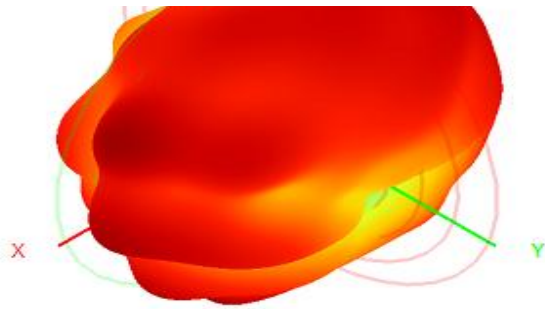


5650.0MHz H+V, Eff: 53.0%



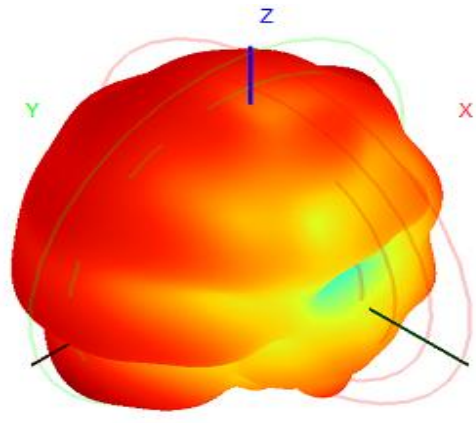
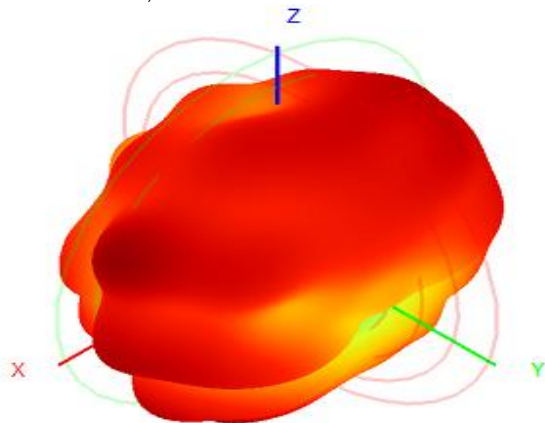
Back View





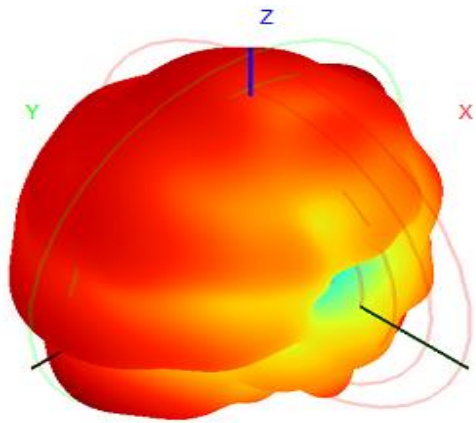
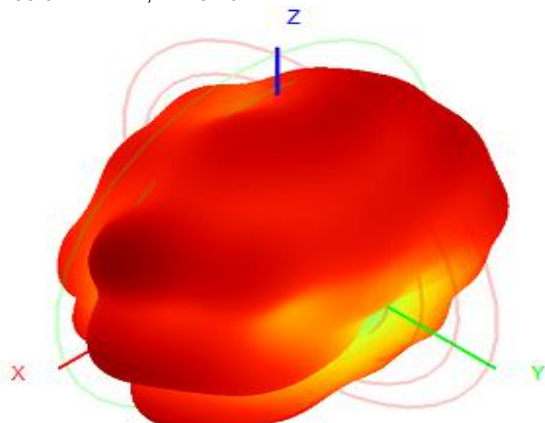
5700.0MHz H+V, Eff: 51.8%

Back View



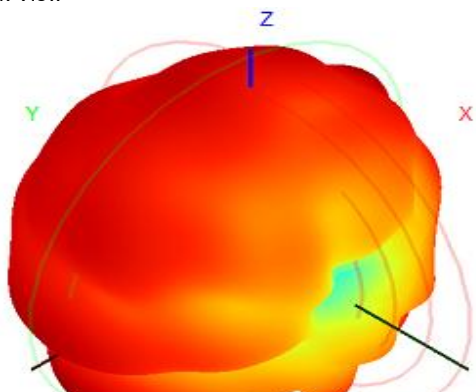
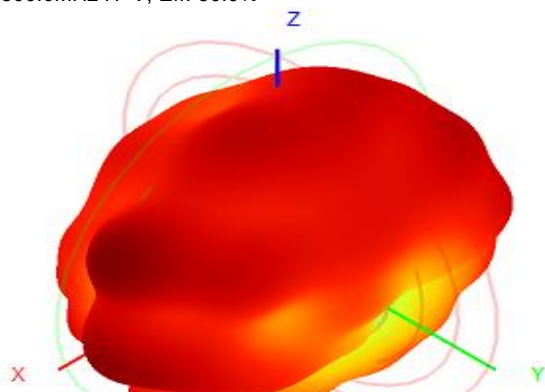
5750.0MHz H+V, Eff: 51.6%

Back View

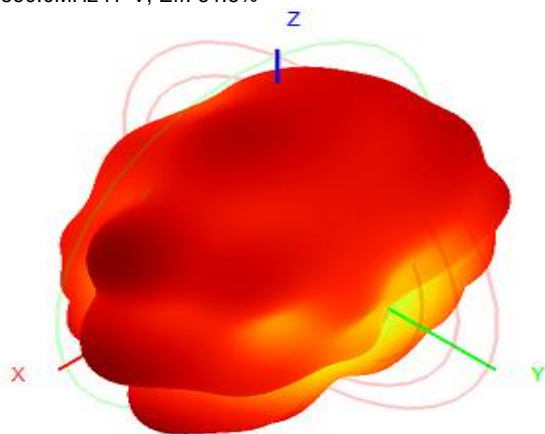


5800.0MHz H+V, Eff: 50.9%

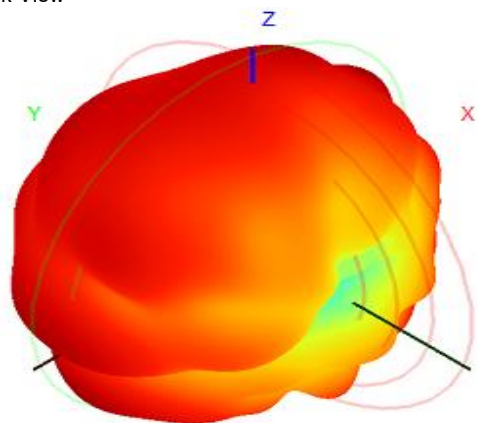
Back View

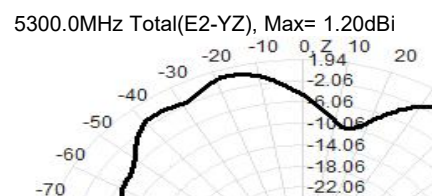
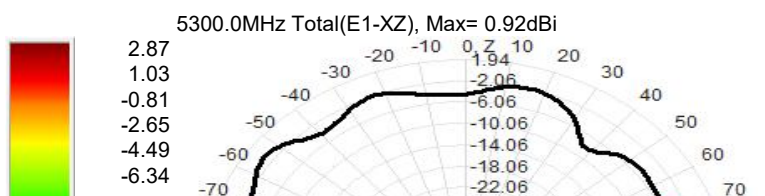
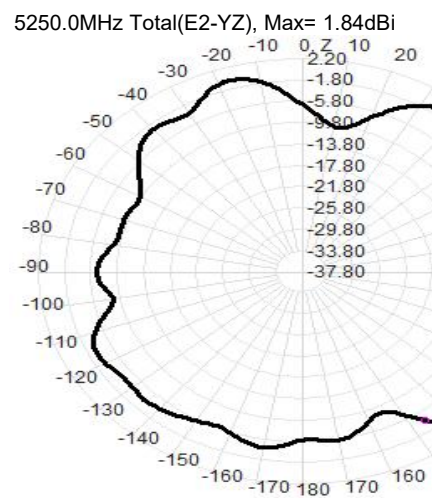
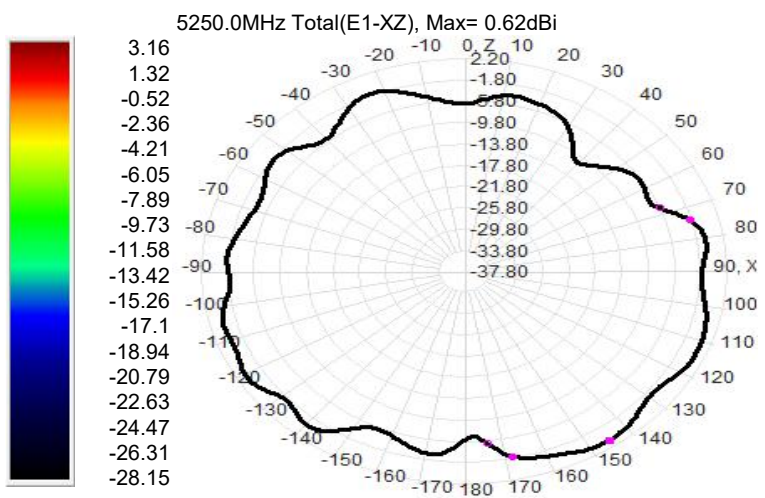
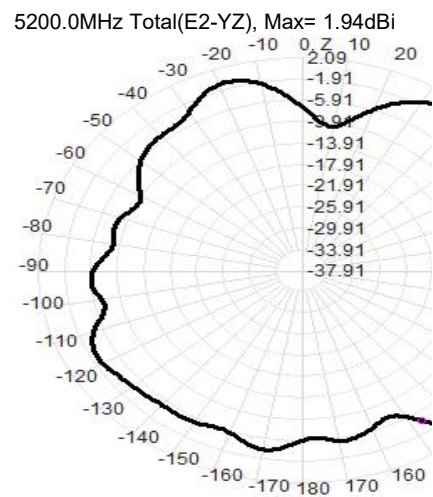
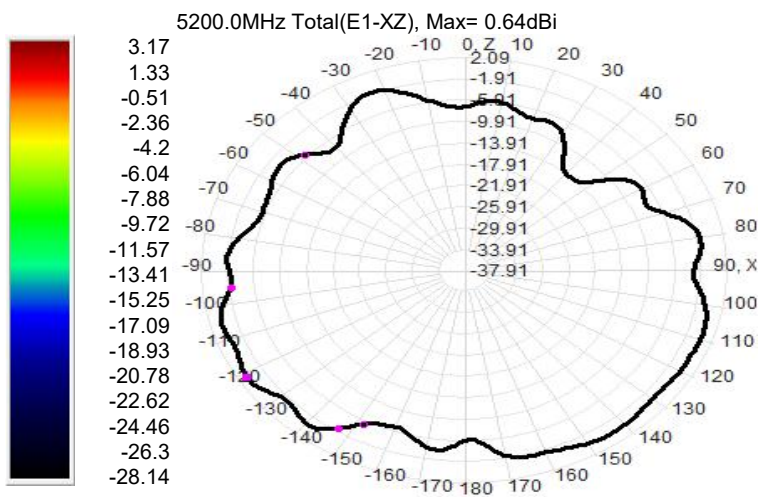
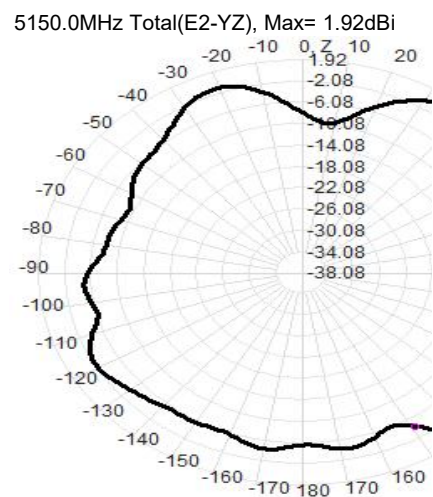
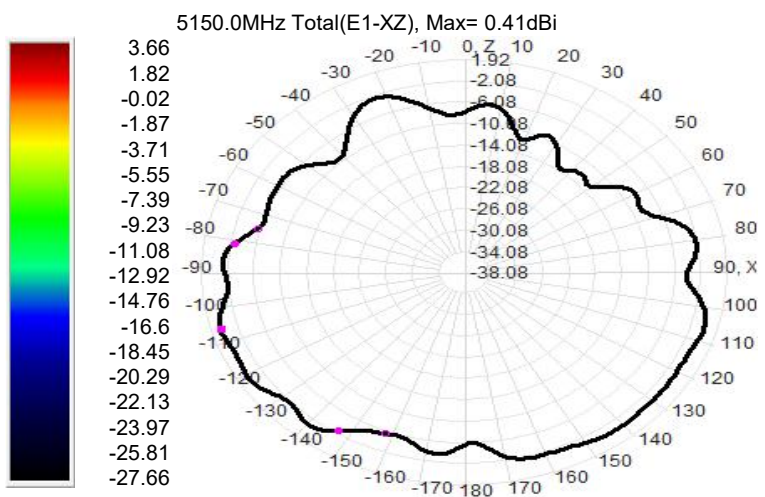


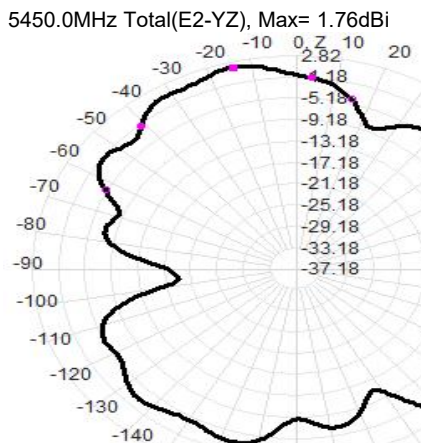
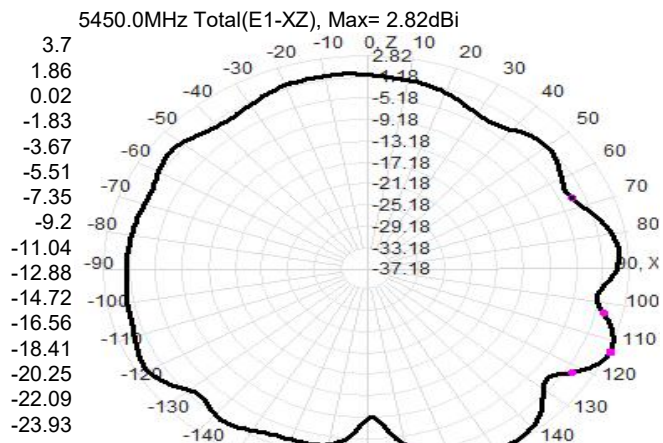
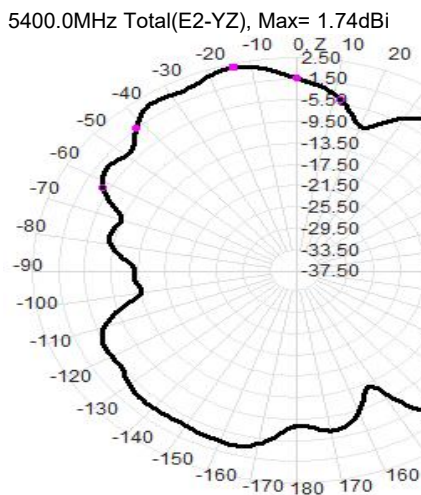
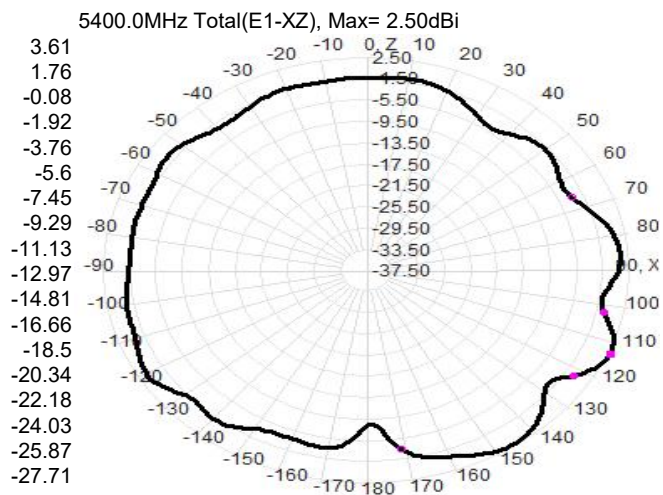
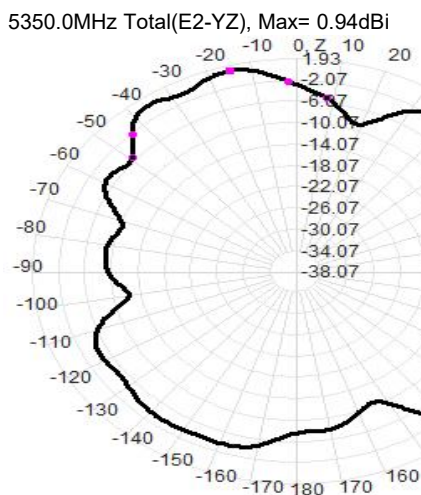
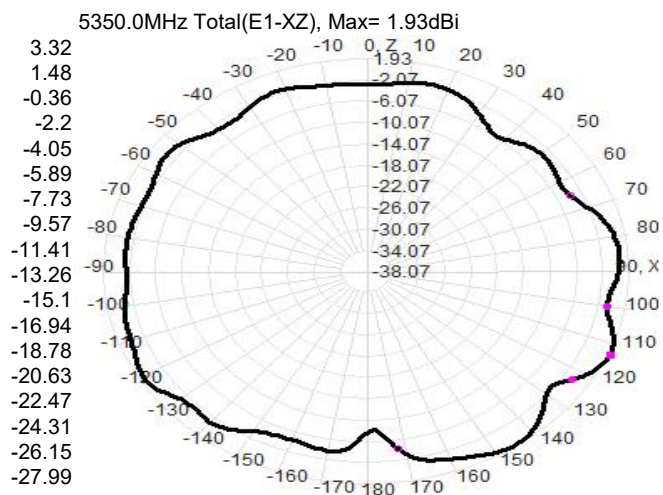
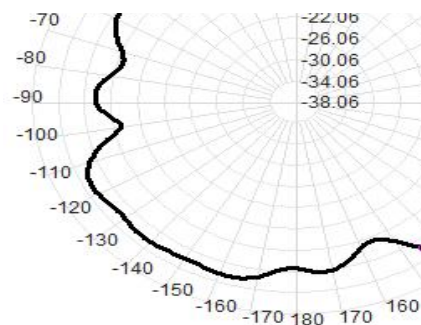
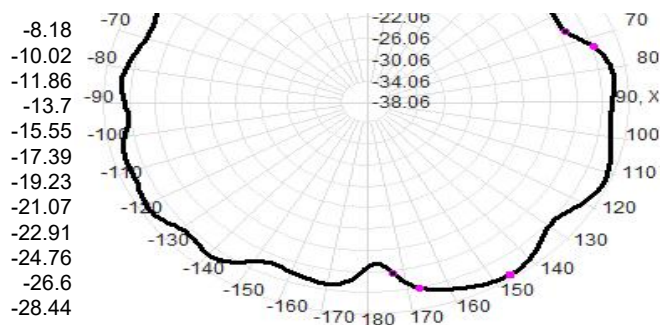
5850.0MHz H+V, Eff: 51.3%



Back View







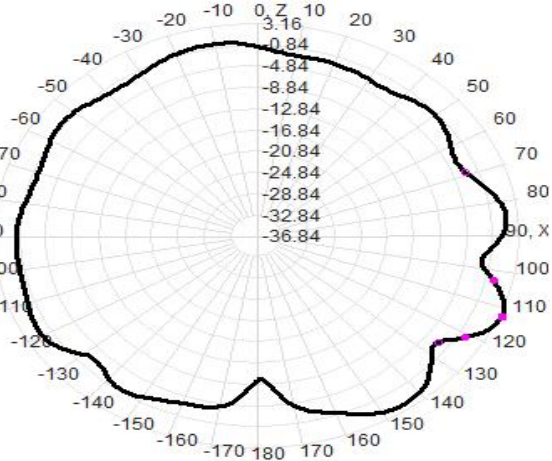


-25.77
-27.62

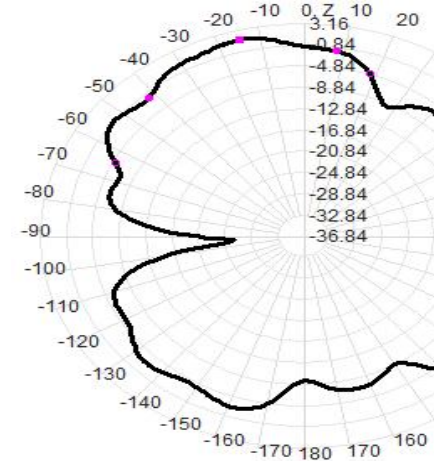


3.7
1.86
0.02
-1.82
-3.67
-5.51
-7.35
-9.19
-11.03
-12.88
-14.72
-16.56
-18.4
-20.24
-22.09
-23.93
-25.77
-27.61

5500.0MHz Total(E1-XZ), Max= 3.16dBi

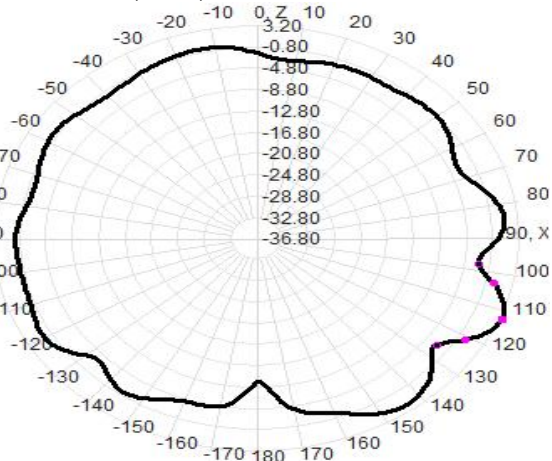


5500.0MHz Total(E2-YZ), Max= 1.37dBi

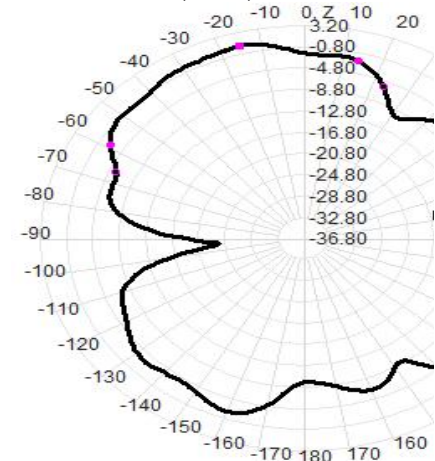


3.65
1.81
-0.03
-1.88
-3.72
-5.56
-7.4
-9.24
-11.09
-12.93
-14.77
-16.61
-18.46
-20.3
-22.14
-23.98
-25.82
-27.67

5500.0MHz Total(E1-XZ), Max= 3.20dBi

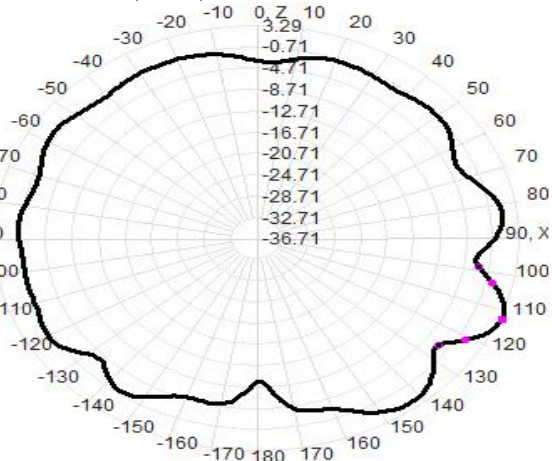


5500.0MHz Total(E2-YZ), Max= 0.59dBi

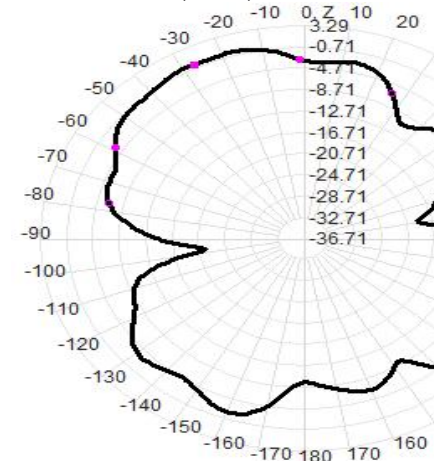


3.54
1.7
-0.14
-1.99
-3.83
-5.67
-7.51
-9.36
-11.2
-13.04
-14.88
-16.72
-18.57
-20.41
-22.25
-24.09
-25.93
-27.78

5600.0MHz Total(E1-XZ), Max= 3.29dBi

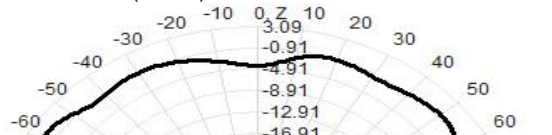


5600.0MHz Total(E2-YZ), Max= -0.05dBi

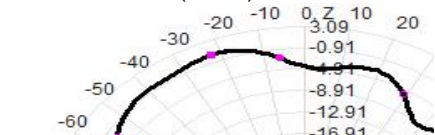


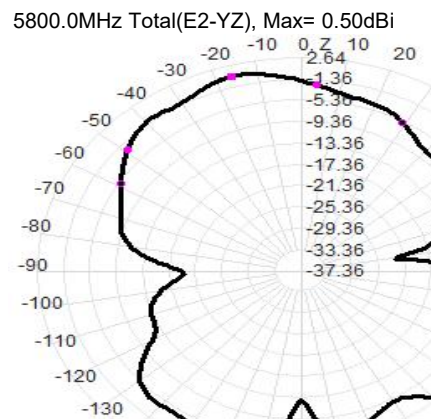
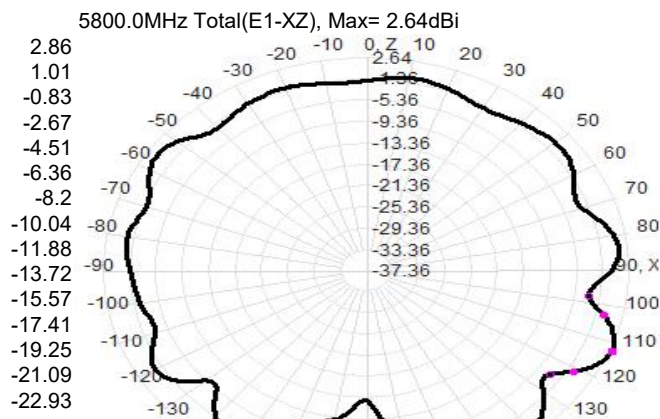
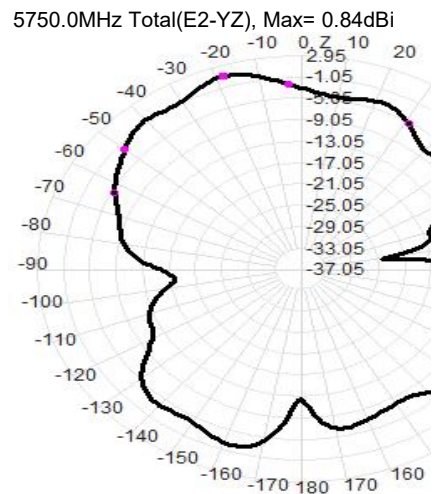
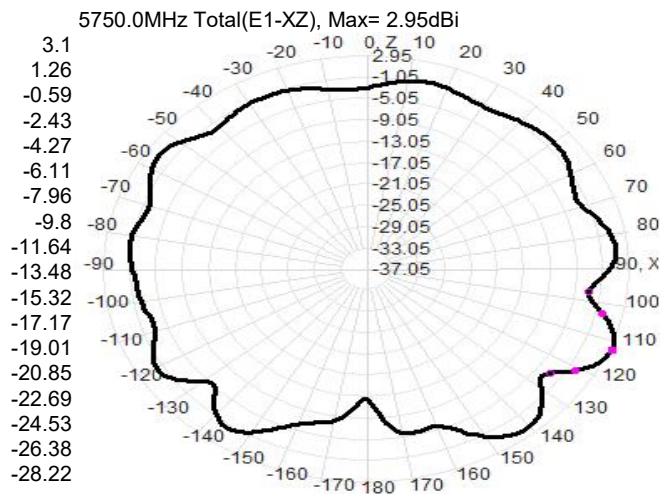
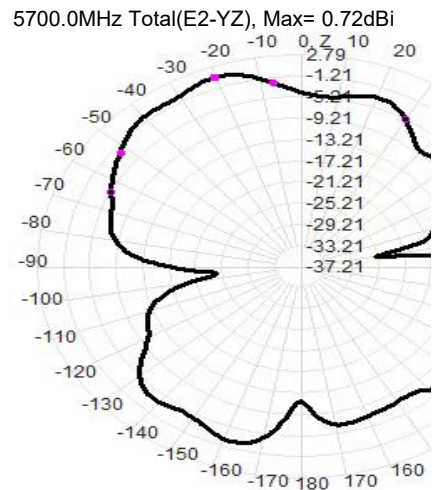
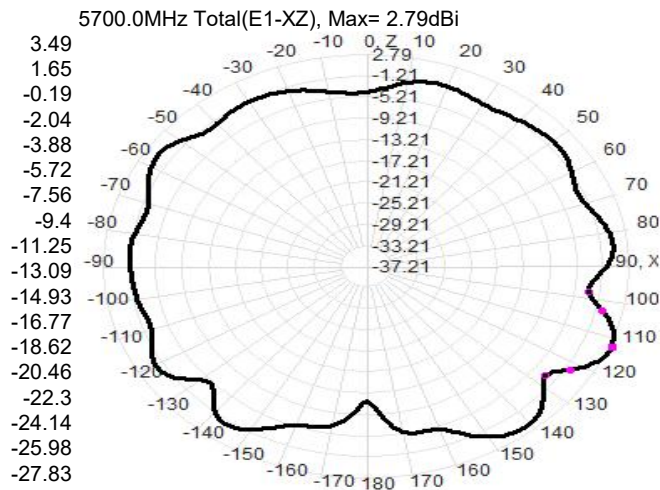
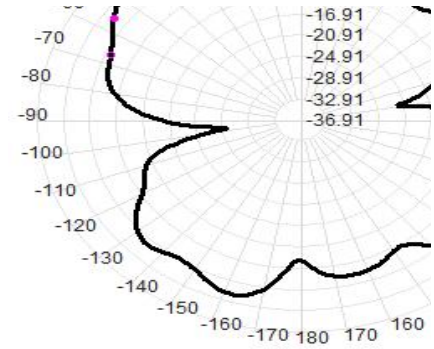
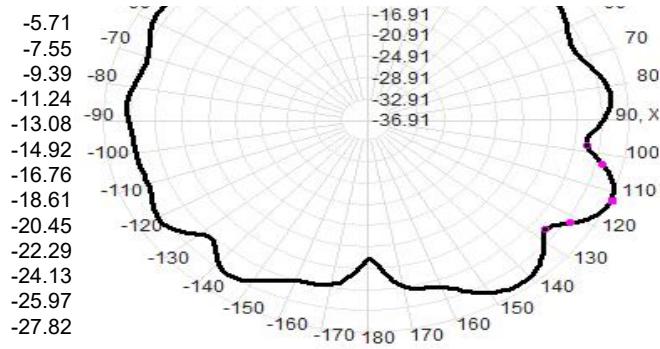
3.5
1.66
-0.18
-2.03
-3.87

5650.0MHz Total(E1-XZ), Max= 3.09dBi



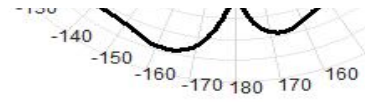
5650.0MHz Total(E2-YZ), Max= 0.41dBi





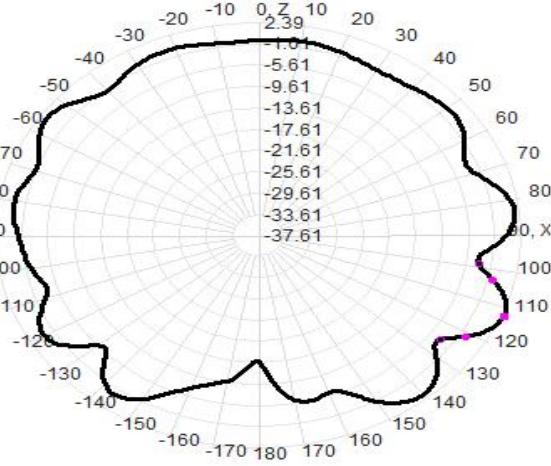


-24.78
-26.62
-28.46

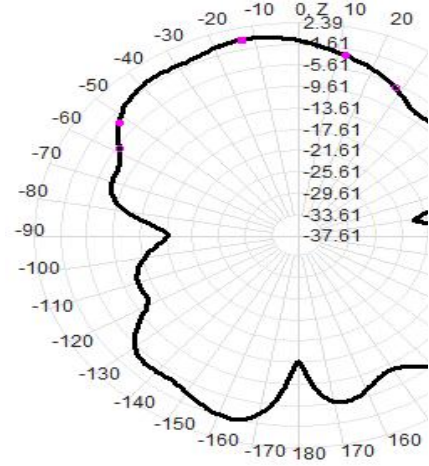


3.06
1.21
-0.63
-2.47
-4.31
-6.15
-8
-9.84
-11.68
-13.52
-15.37
-17.21
-19.05
-20.89
-22.73
-24.58
-26.42
-28.26

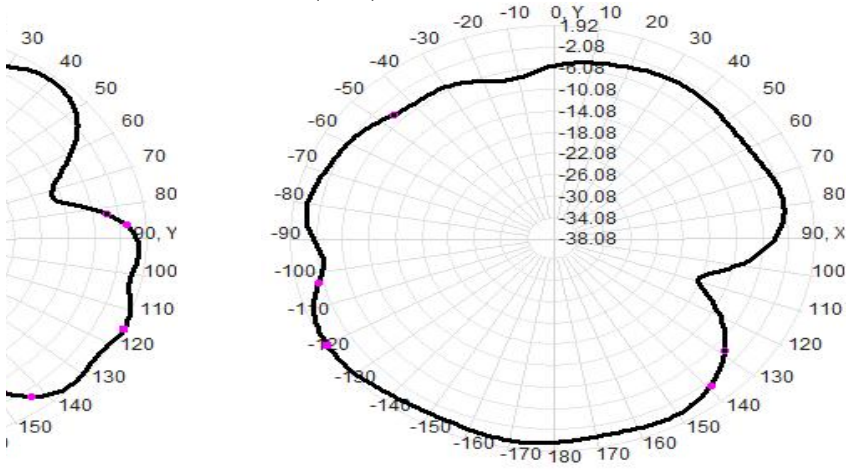
5850.0MHz Total(E1-XZ), Max= 2.39dBi



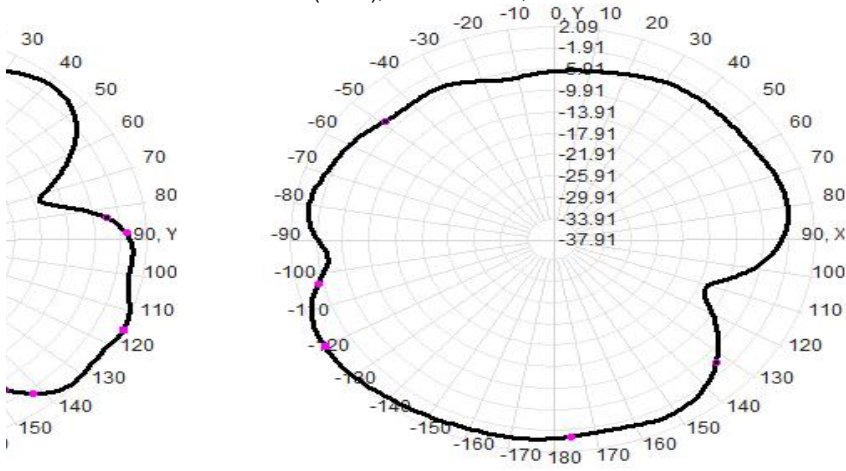
5850.0MHz Total(E2-YZ), Max= 0.05dBi



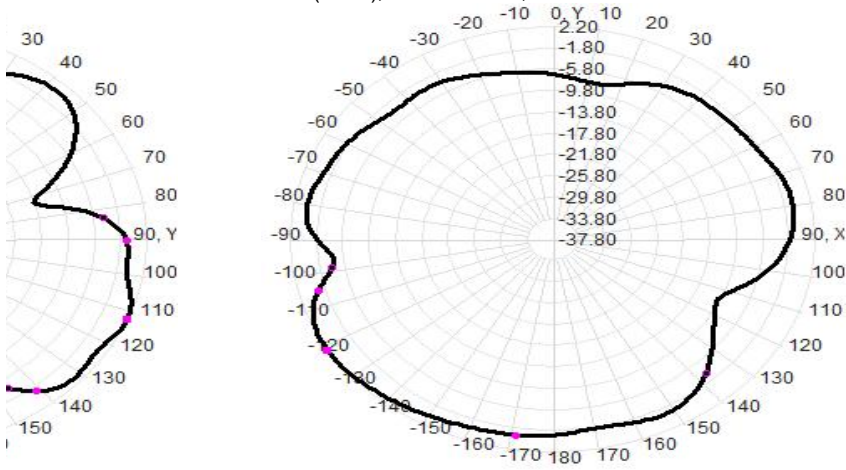
Total(H-XY), Max= 1.58dBi, CirD=16.43



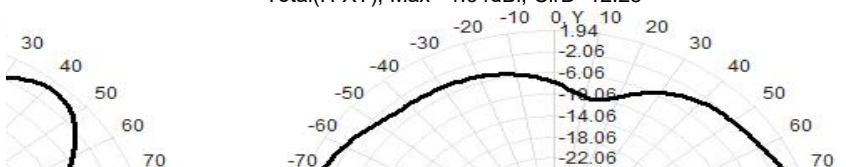
Total(H-XY), Max= 2.09dBi, CirD=15.26

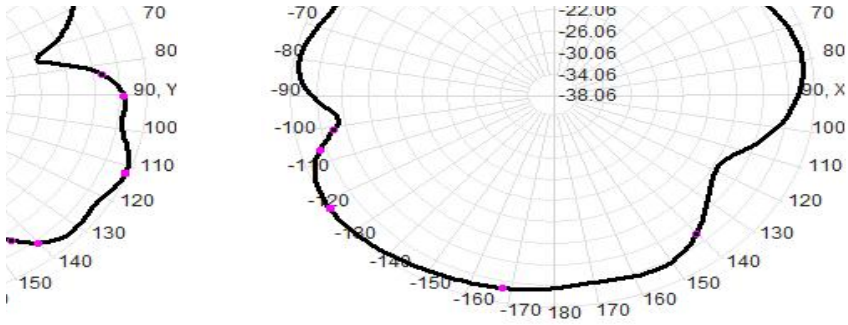


Total(H-XY), Max= 2.20dBi, CirD=12.63

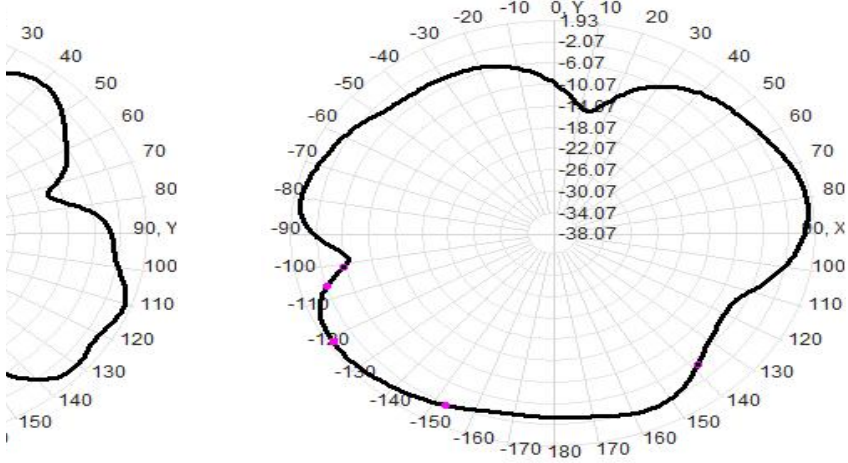


Total(H-XY), Max= 1.94dBi, CirD=12.28

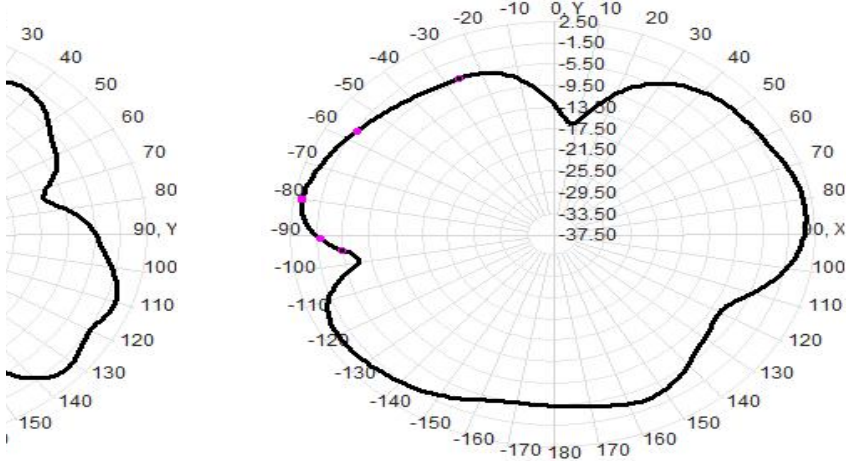




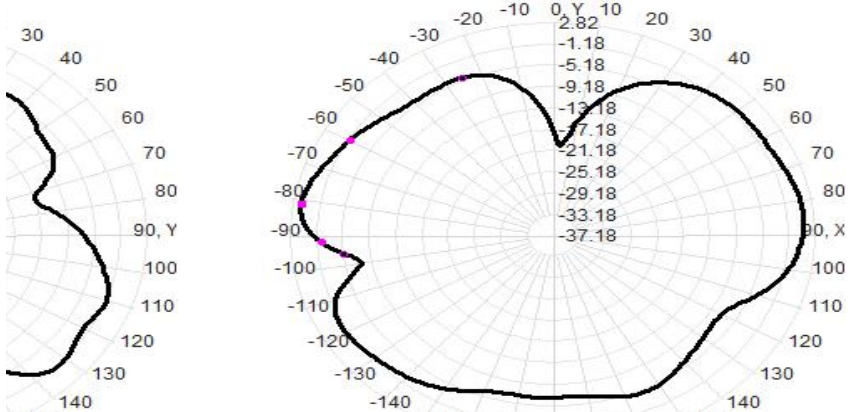
Total(H-XY), Max= 0.98dBi, CirD=15.43

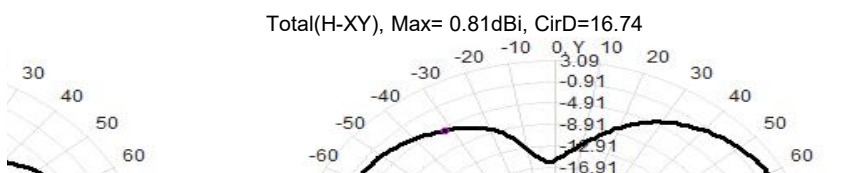
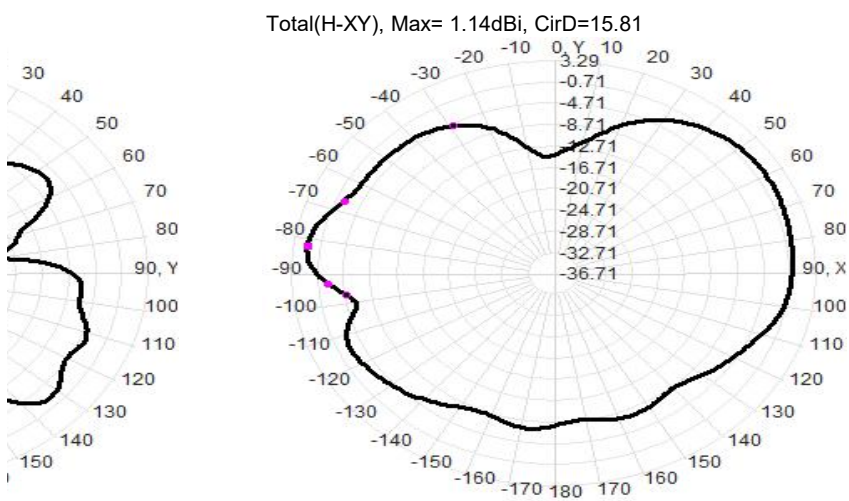
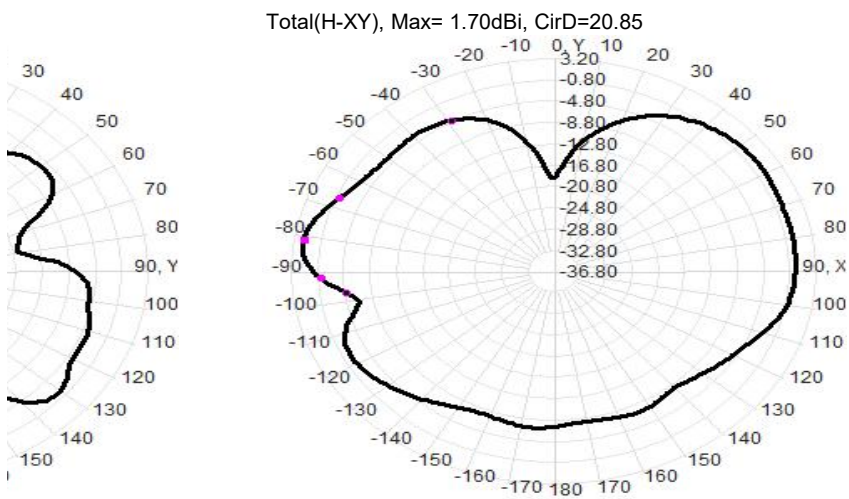
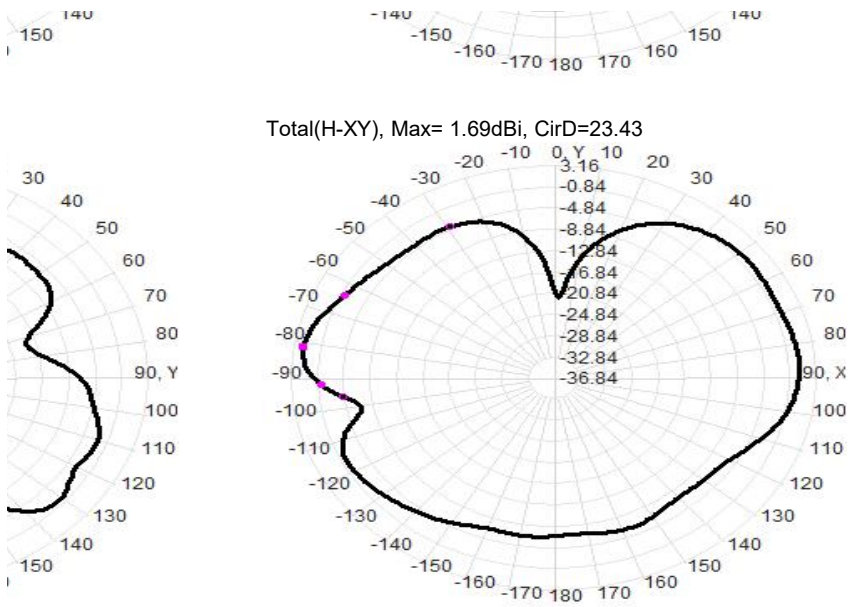


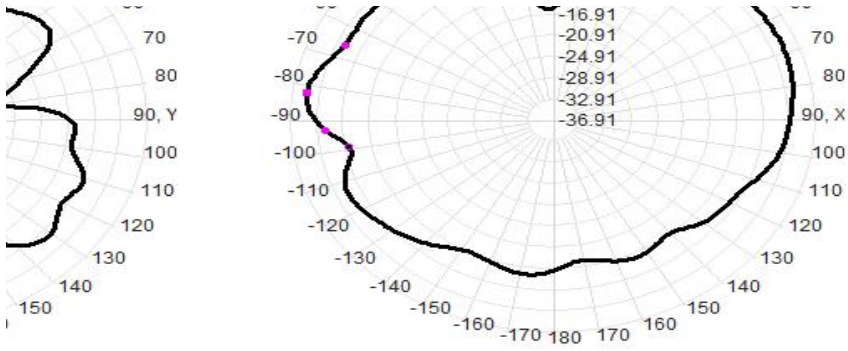
Total(H-XY), Max= 1.16dBi, CirD=17.60



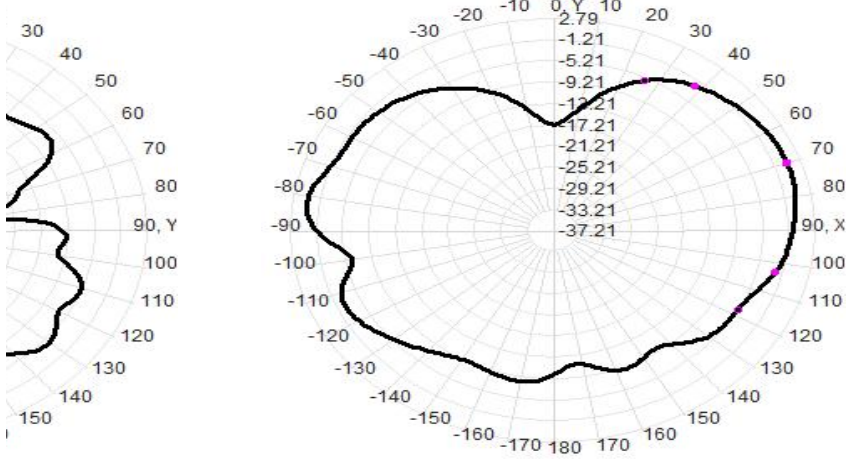
Total(H-XY), Max= 1.54dBi, CirD=21.77



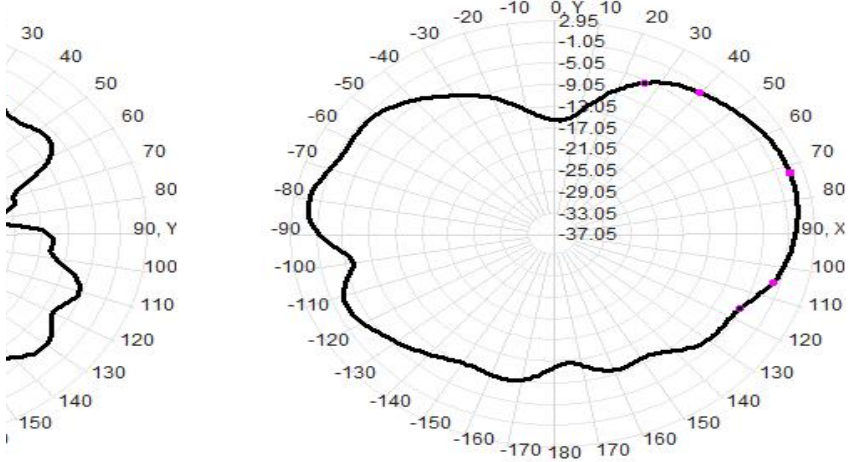




Total(H-XY), Max= 0.49dBi, CirD=17.73



Total(H-XY), Max= 0.68dBi, CirD=16.42





Total(H-XY), Max= 0.98dBi, CirD=19.51

