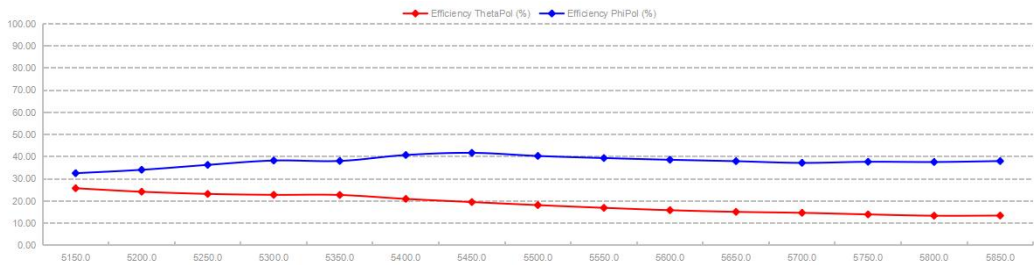
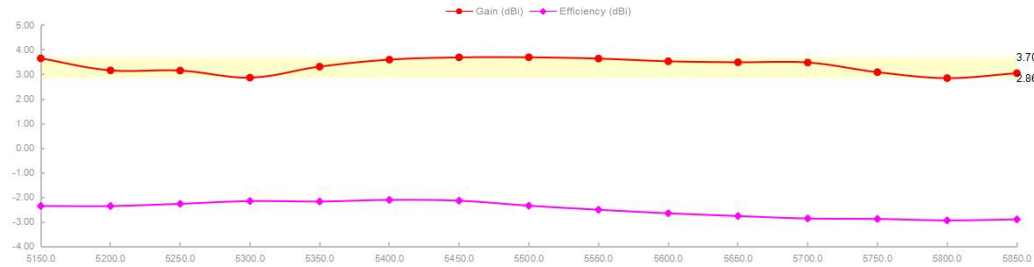
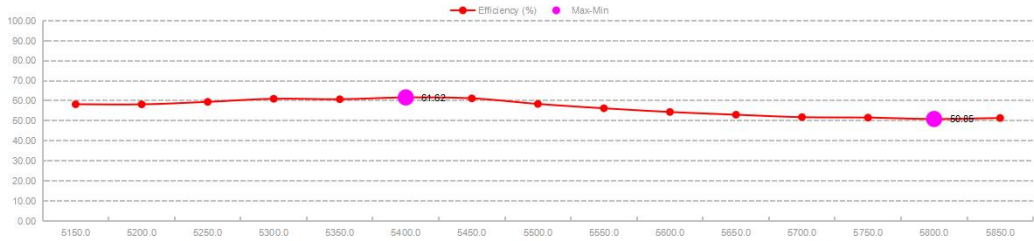


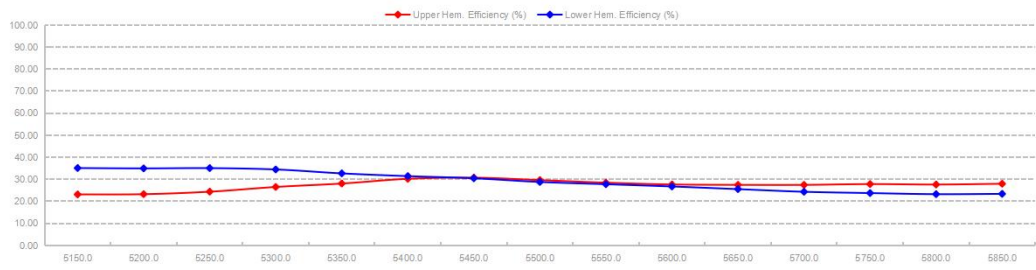


Feisheng Electronics

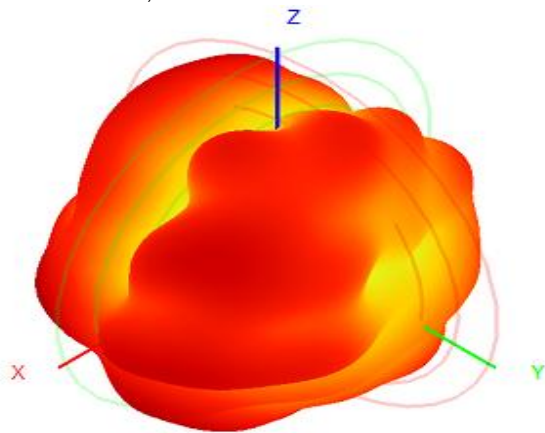
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Efficiency (dBi)	-2.35	-2.35	-2.26	-2.15	-2.17	-2.10	-2.13	-2.34	-2.50	-2.65	-2.76	-2.86	-2.88	-2.94	-2.90
Gain (dBi)	3.66	3.17	3.16	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	143.00	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	19.00	19.00	18.00	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度增益(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

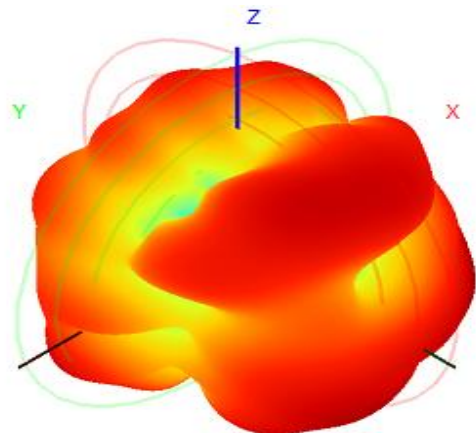




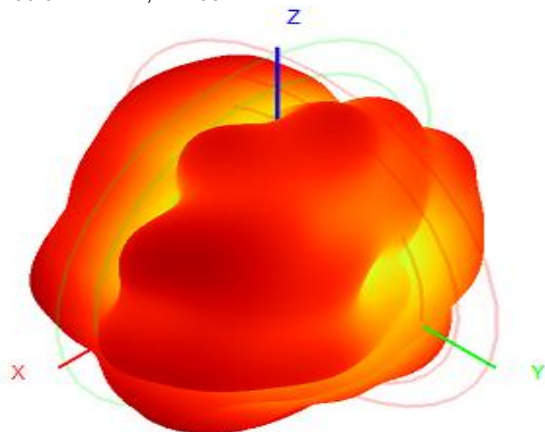
5150.0MHz H+V, Eff: 58.2%



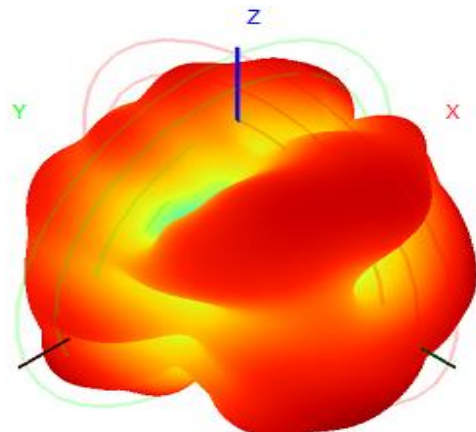
Back View



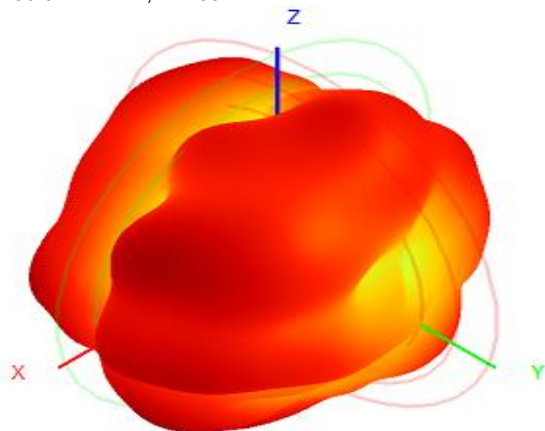
5200.0MHz H+V, Eff: 58.2%



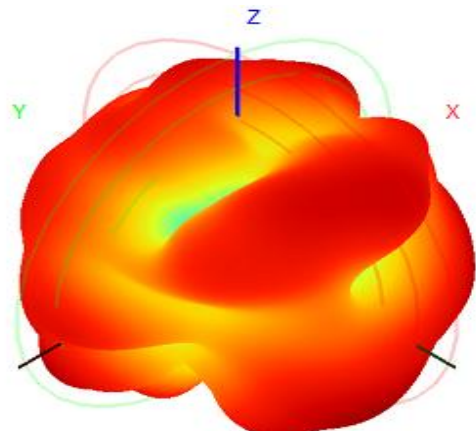
Back View



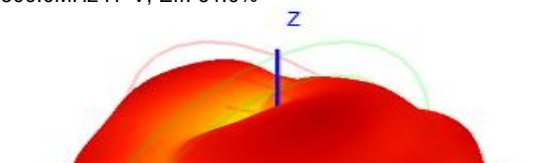
5250.0MHz H+V, Eff: 59.4%



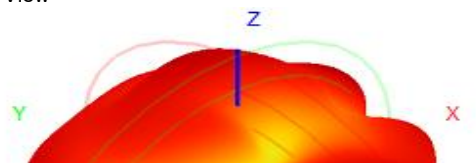
Back View

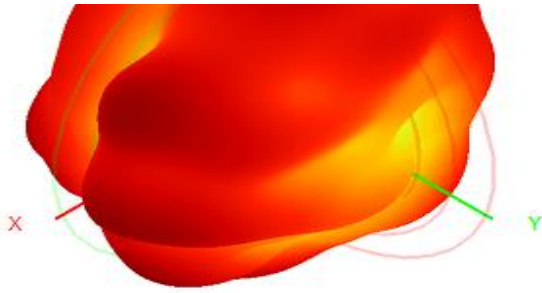


5300.0MHz H+V, Eff: 61.0%

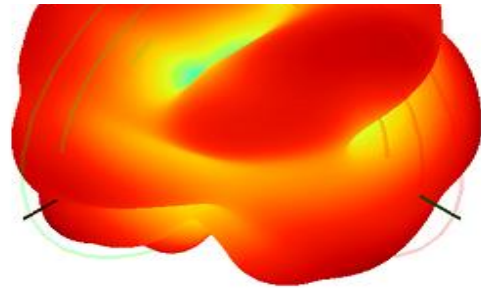


Back View

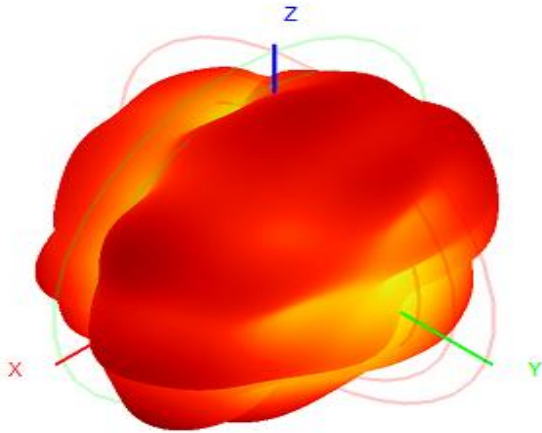




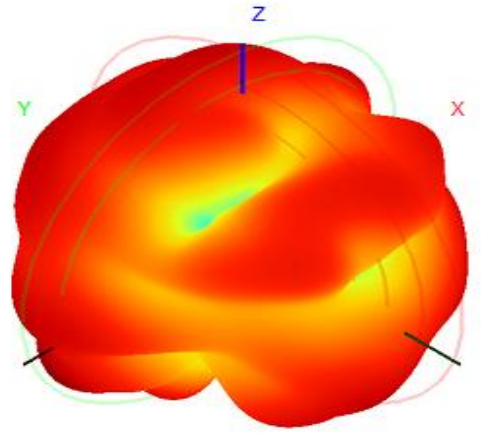
5350.0MHz H+V, Eff: 60.7%



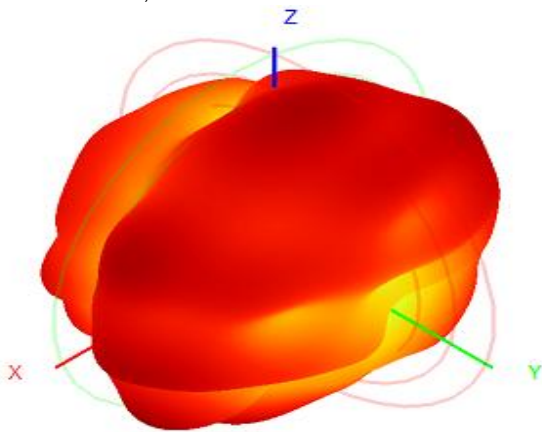
Back View



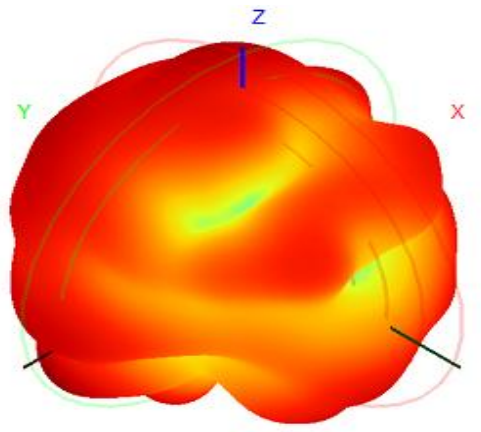
5400.0MHz H+V, Eff: 61.6%



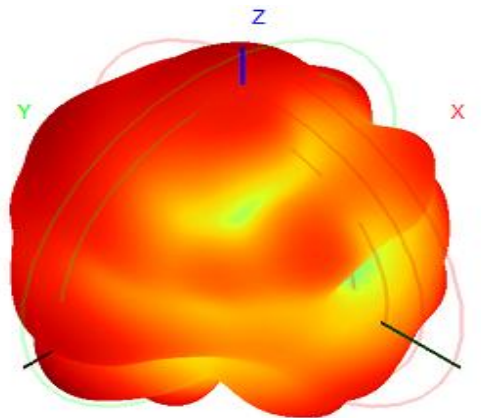
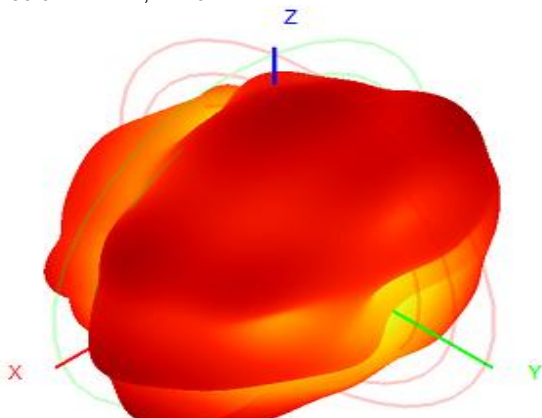
Back View



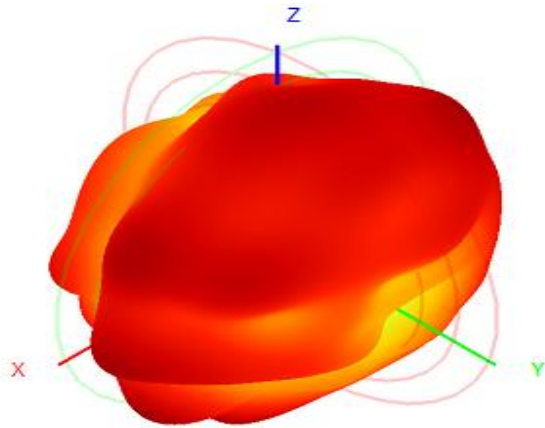
5450.0MHz H+V, Eff: 61.2%



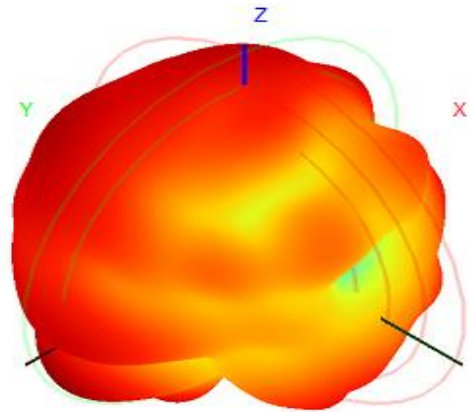
Back View



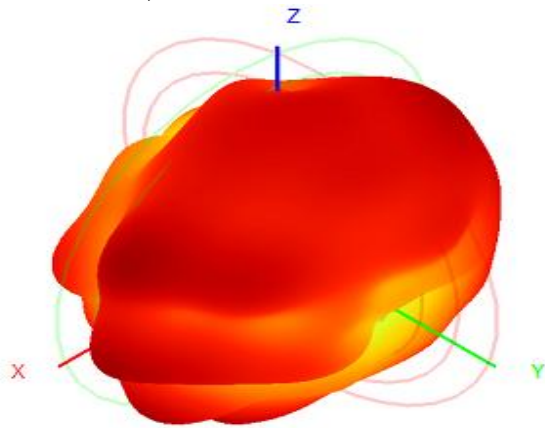
5500.0MHz H+V, Eff: 58.4%



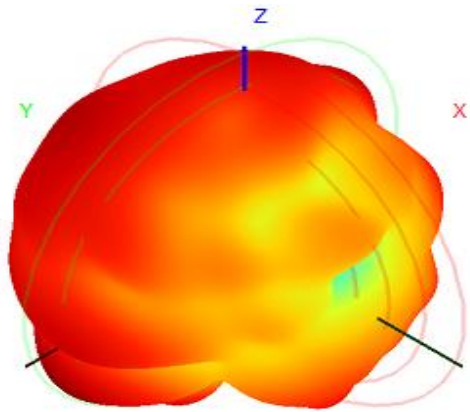
Back View



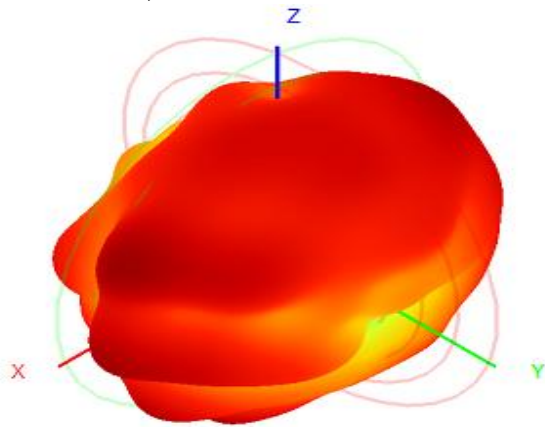
5550.0MHz H+V, Eff: 56.2%



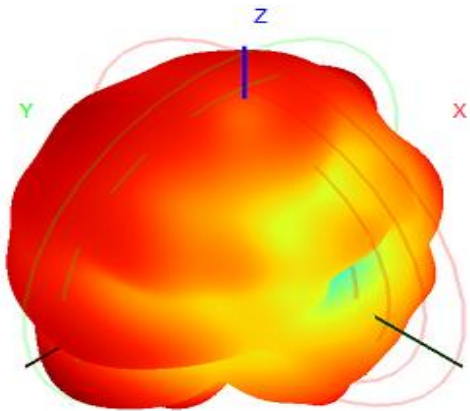
Back View



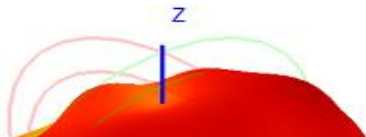
5600.0MHz H+V, Eff: 54.4%



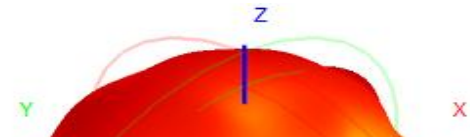
Back View

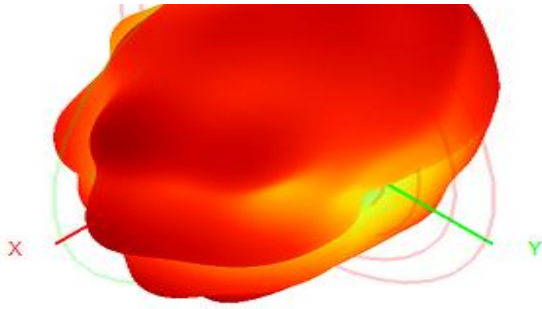


5650.0MHz H+V, Eff: 53.0%

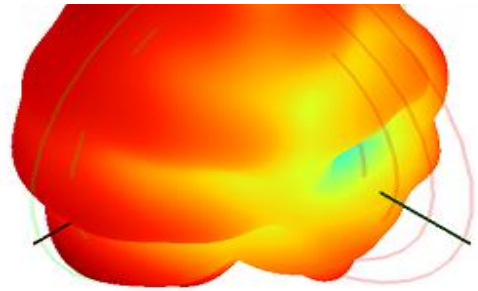


Back View

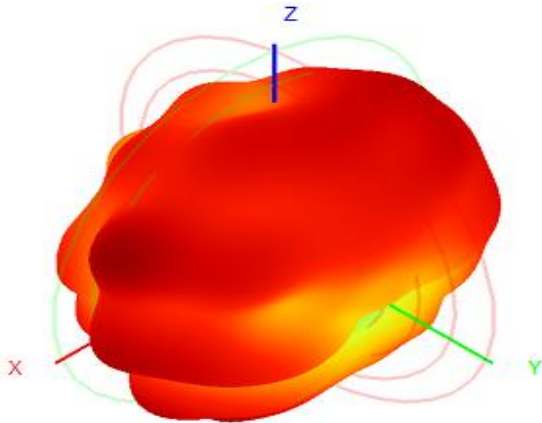




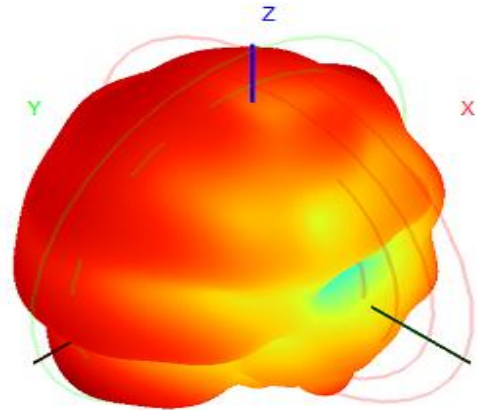
5700.0MHz H+V, Eff: 51.8%



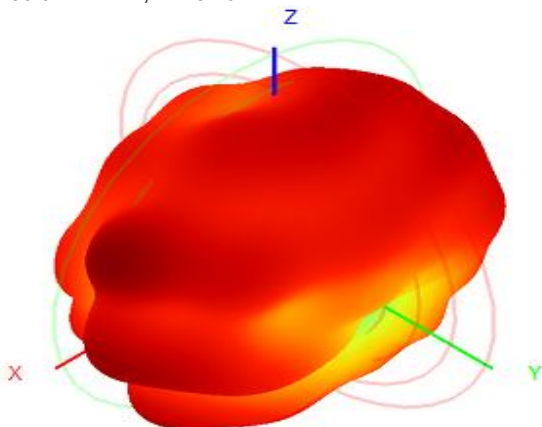
Back View



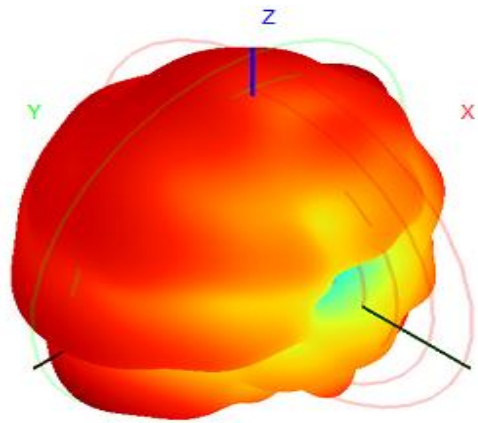
5750.0MHz H+V, Eff: 51.6%



Back View

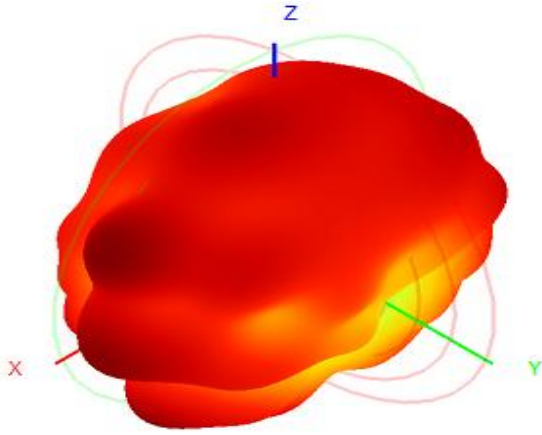


5800.0MHz H+V, Eff: 50.9%

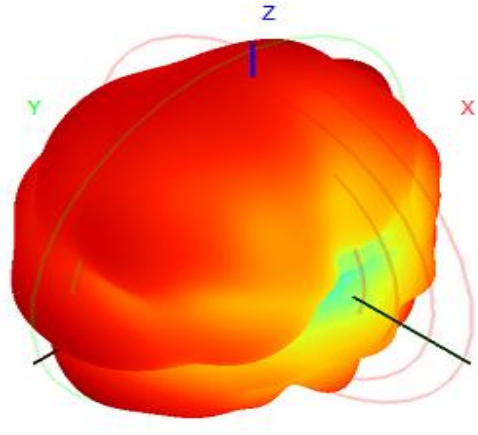


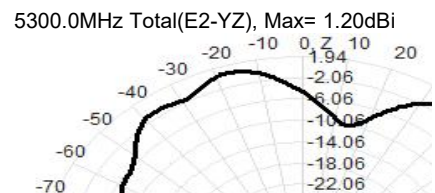
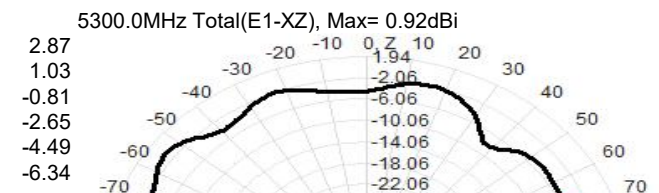
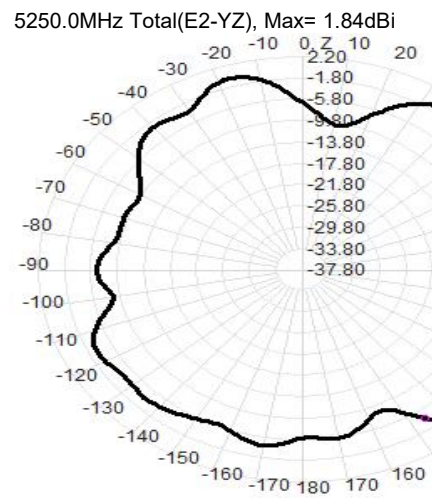
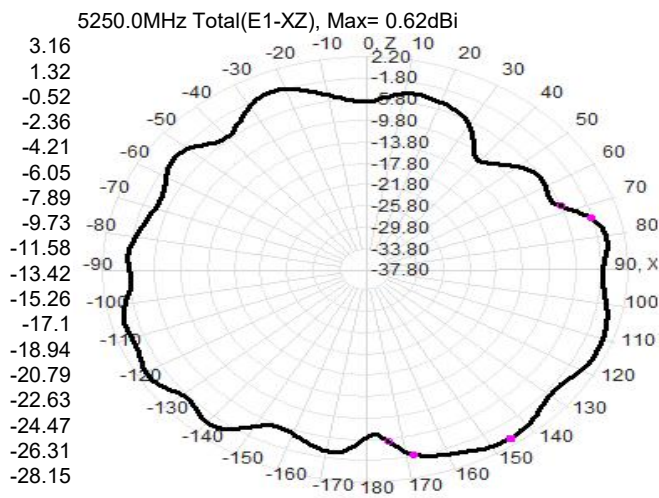
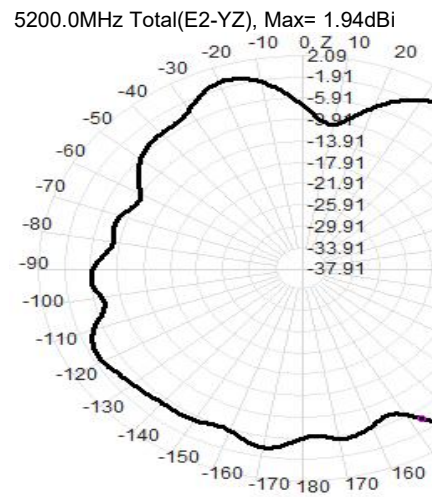
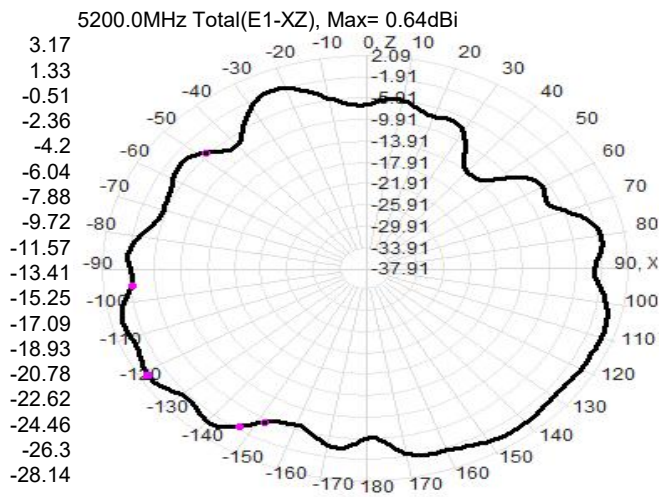
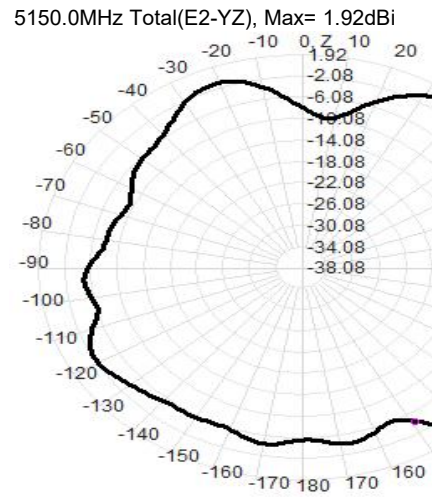
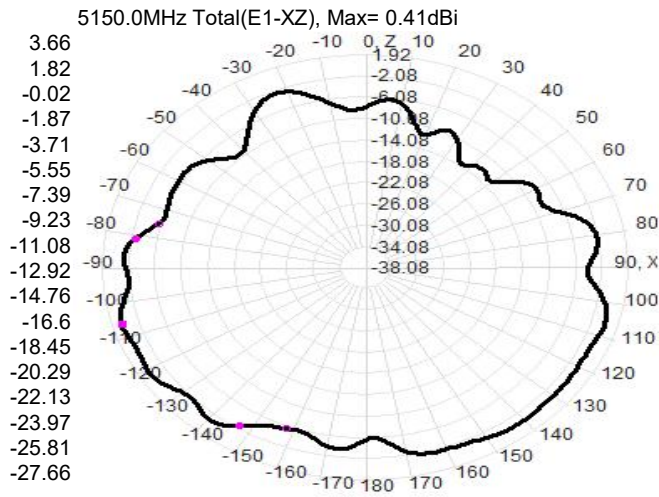
Back View

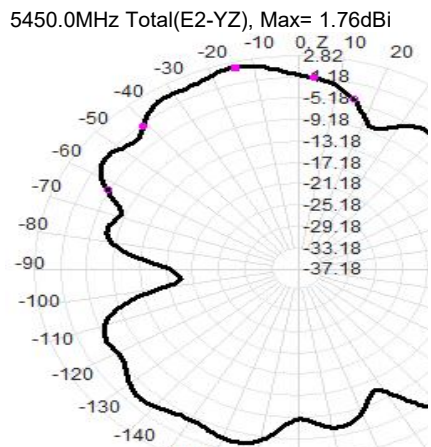
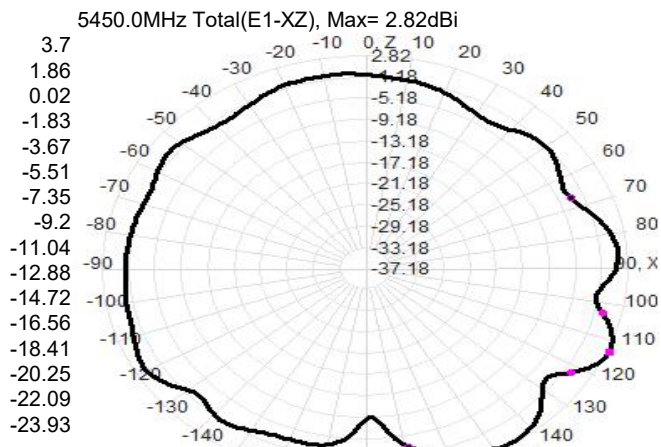
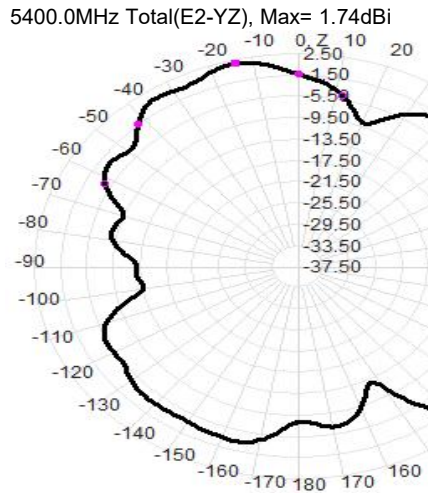
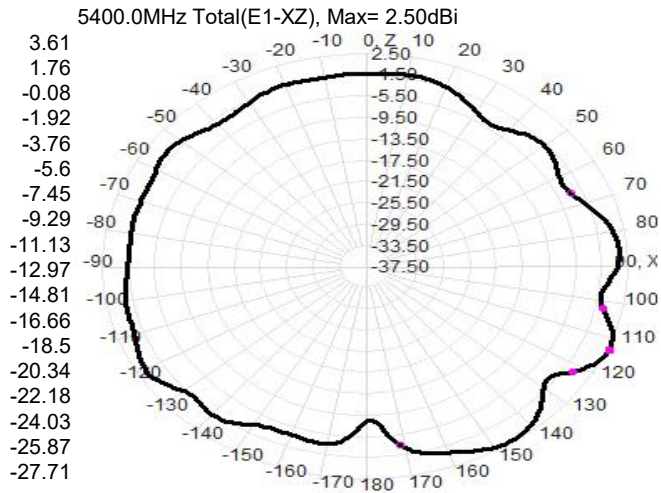
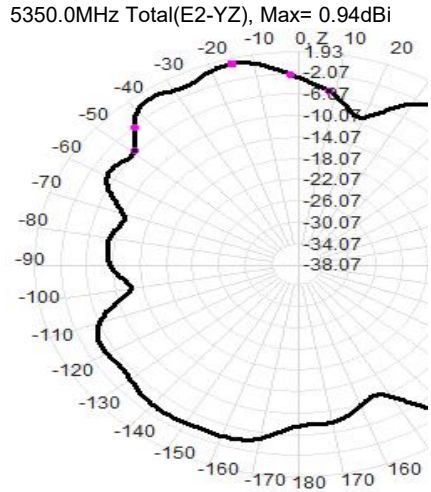
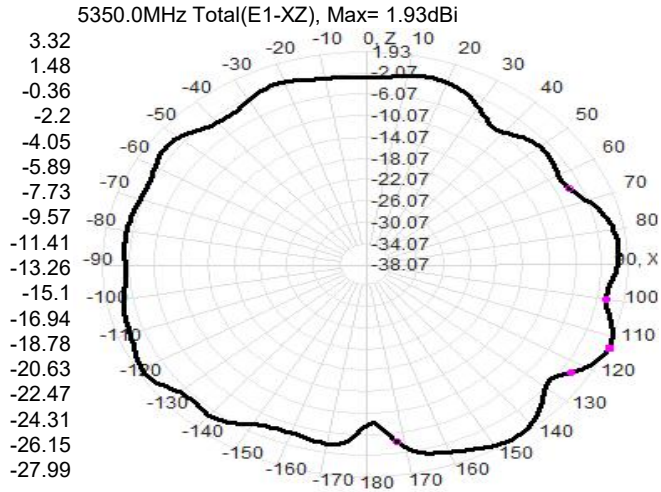
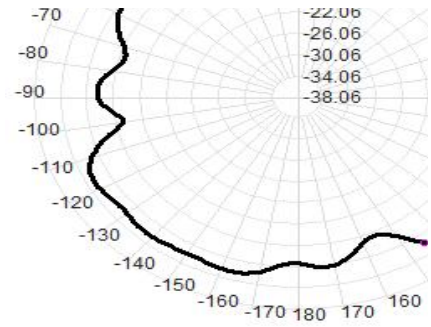
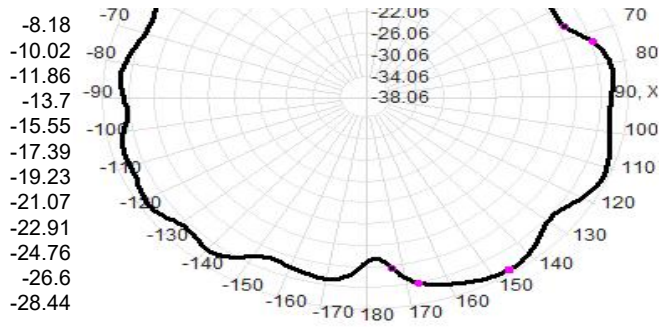
5850.0MHz H+V, Eff: 51.3%



Back View







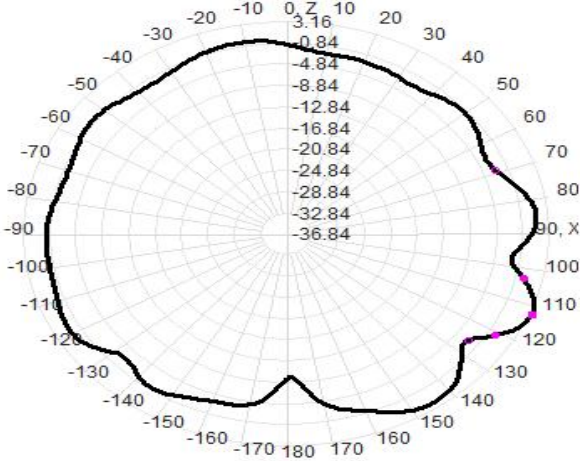


-25.77
-27.62

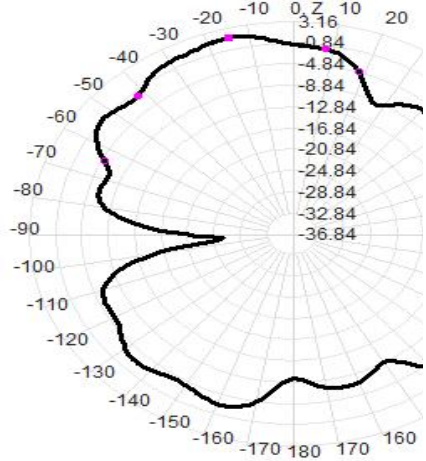


3.7
1.86
0.02
-1.82
-3.67
-5.51
-7.35
-9.19
-11.03
-12.88
-14.72
-16.56
-18.4
-20.24
-22.09
-23.93
-25.77
-27.61

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

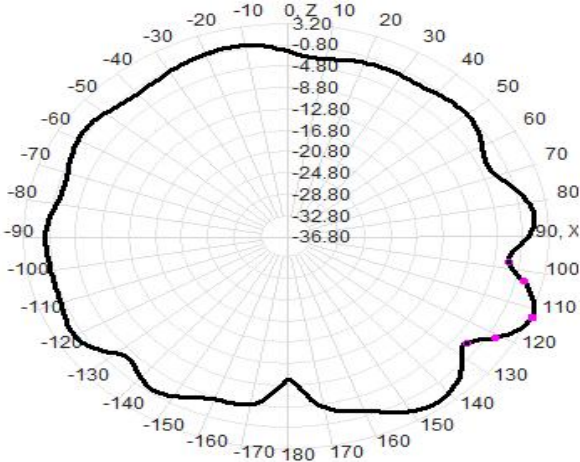


5500.0MHz Total(E2-YZ), Max= 1.37dBi

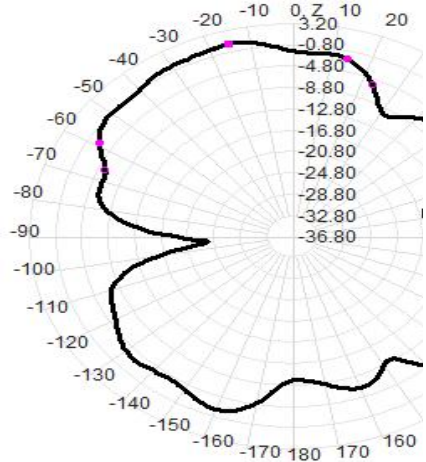


3.65
1.81
-0.03
-1.88
-3.72
-5.56
-7.4
-9.24
-11.09
-12.93
-14.77
-16.61
-18.46
-20.3
-22.14
-23.98
-25.82
-27.67

5550.0MHz Total(E1-XZ), Max= 3.20dBi

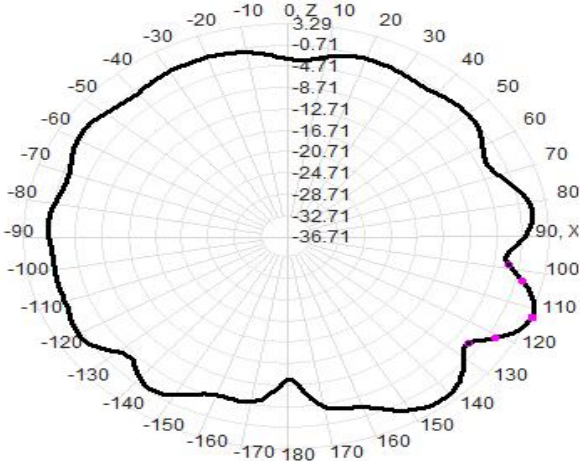


5550.0MHz Total(E2-YZ), Max= 0.59dBi

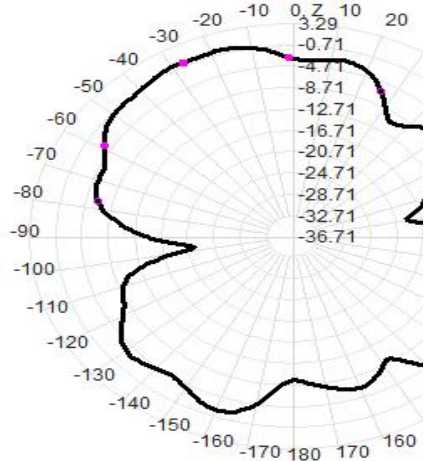


3.54
1.7
-0.14
-1.99
-3.83
-5.67
-7.51
-9.36
-11.2
-13.04
-14.88
-16.72
-18.57
-20.41
-22.25
-24.09
-25.93
-27.78

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

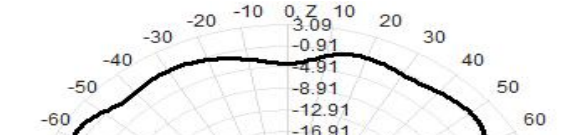


5600.0MHz Total(E2-YZ), Max= -0.05dBi

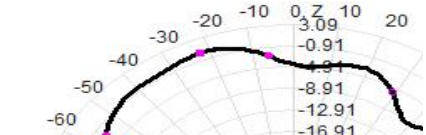


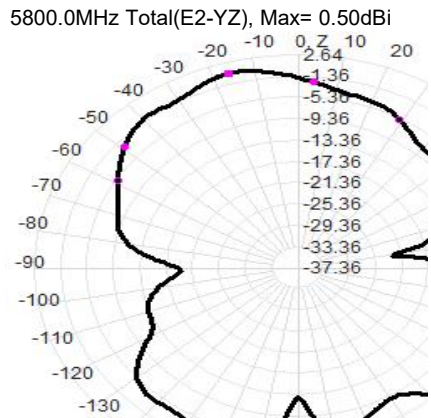
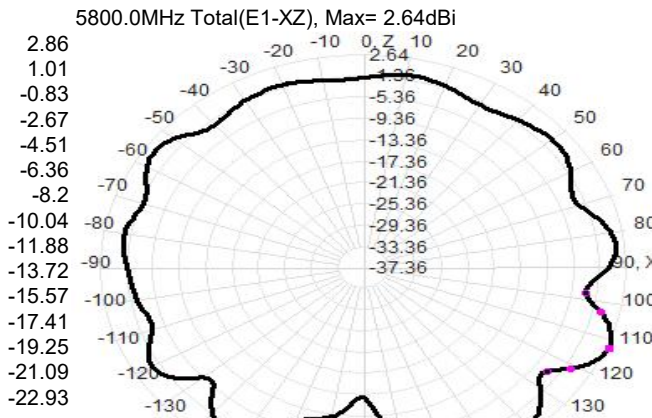
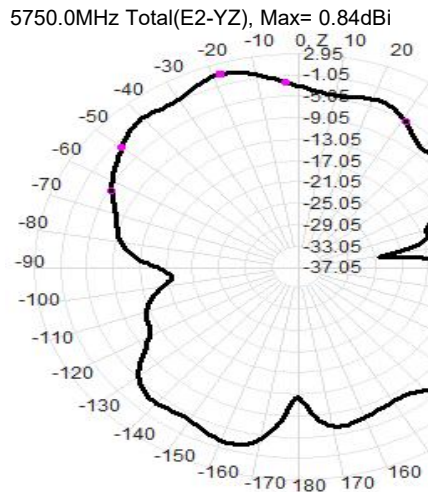
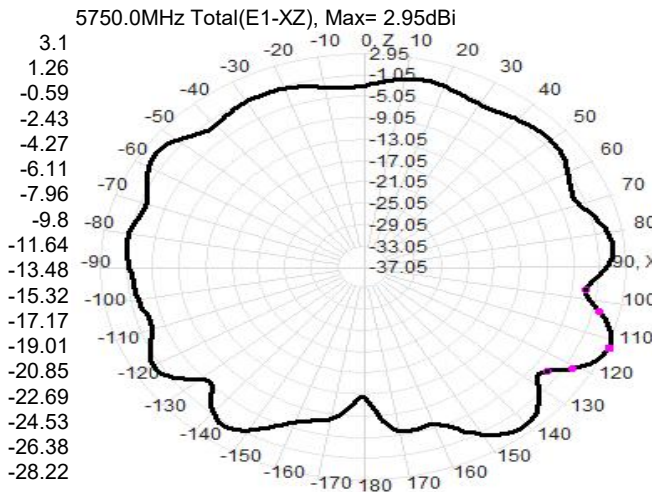
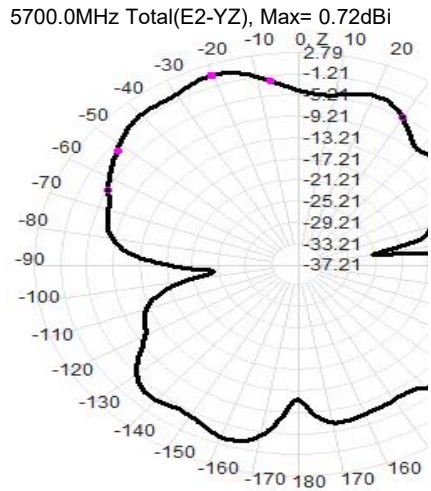
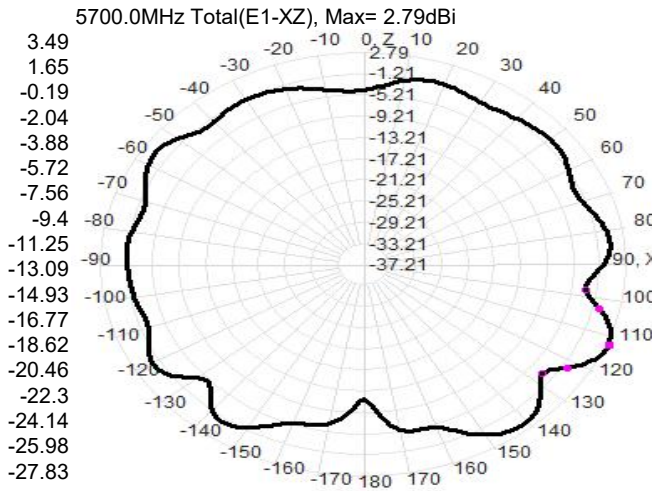
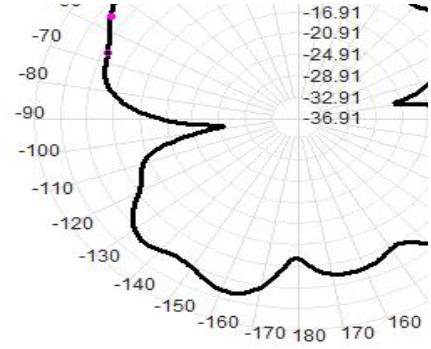
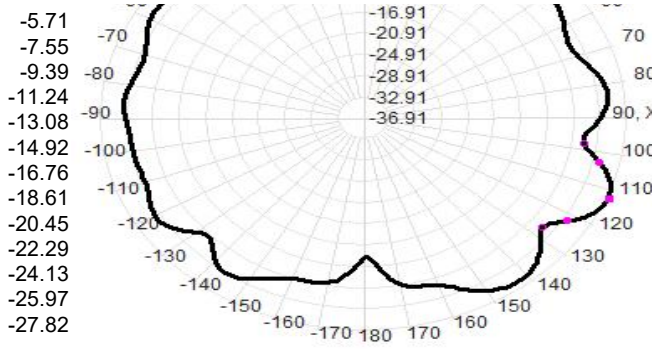
3.5
1.66
-0.18
-2.03
-3.87

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



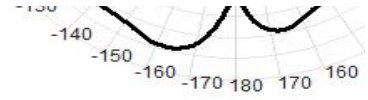
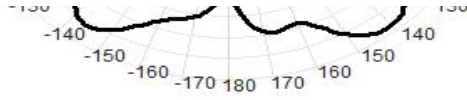
5650.0MHz Total(E2-YZ), Max= 0.41dBi





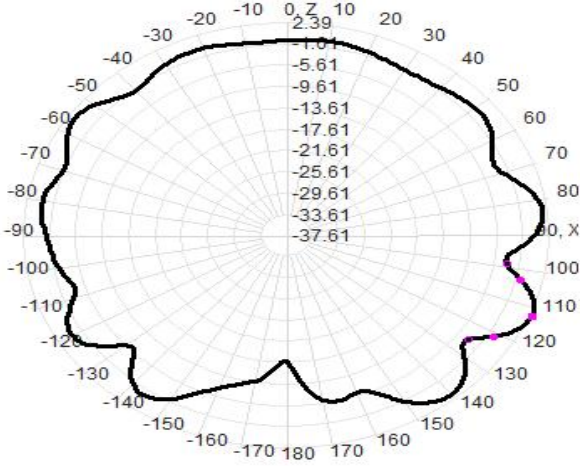


-24.78
-26.62
-28.46

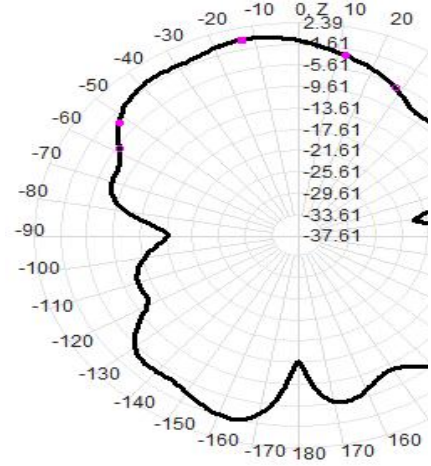


3.06
1.21
-0.63
-2.47
-4.31
-6.15
-8
-9.84
-11.68
-13.52
-15.37
-17.21
-19.05
-20.89
-22.73
-24.58
-26.42
-28.26

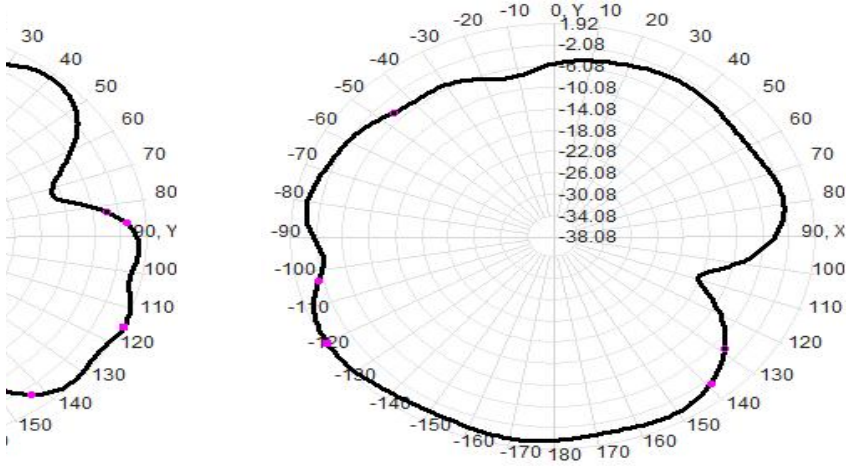
5850.0MHz Total(E1-XZ), Max= 2.39dBi



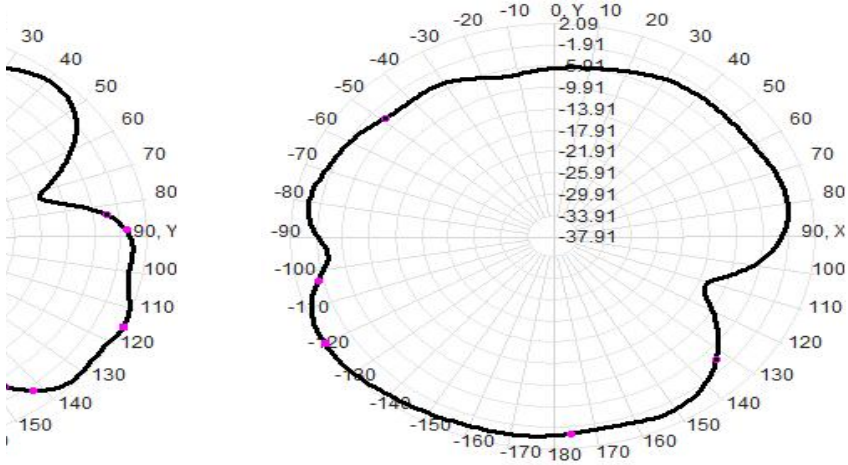
5850.0MHz Total(E2-YZ), Max= 0.05dBi



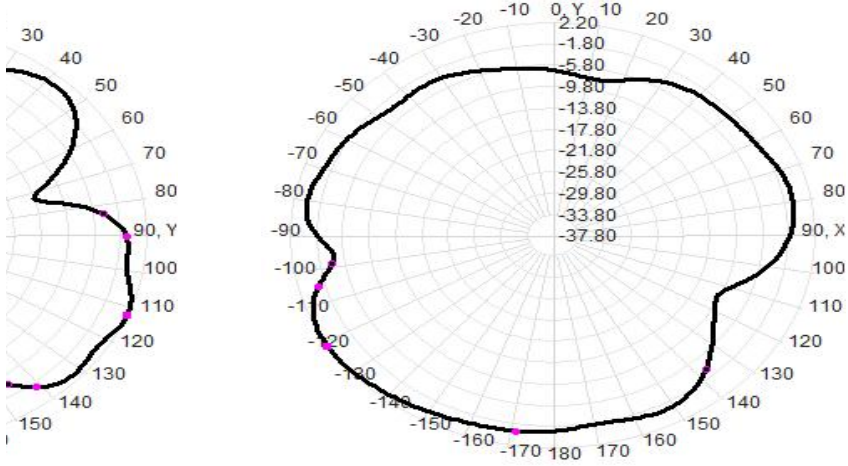
Total(H-XY), Max= 1.58dBi, CirD=16.43



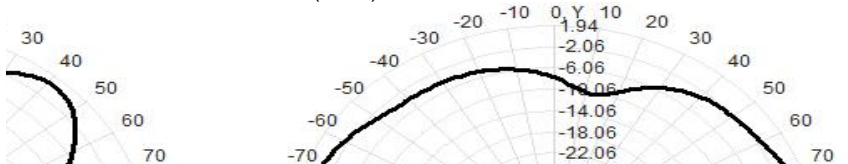
Total(H-XY), Max= 2.09dBi, CirD=15.26

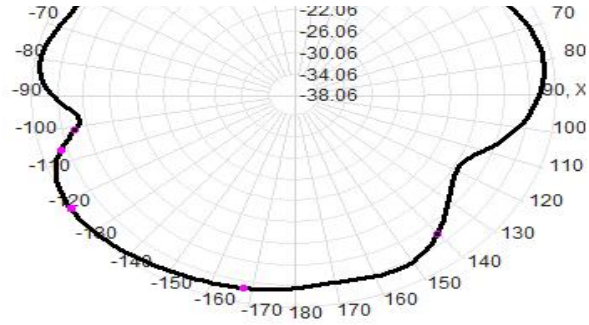
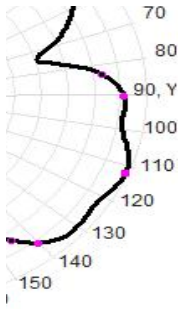


Total(H-XY), Max= 2.20dBi, CirD=12.63

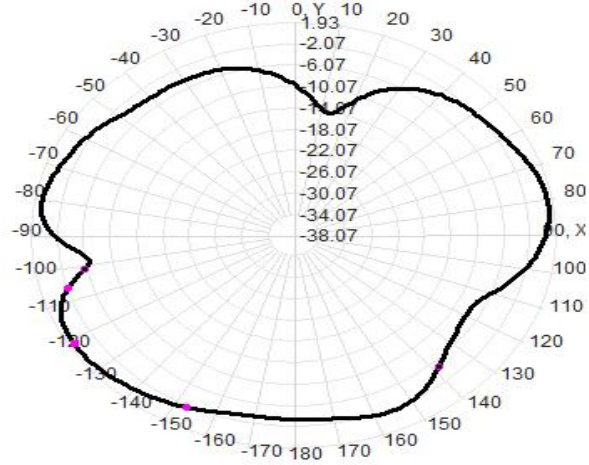
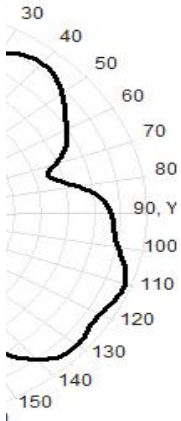


Total(H-XY), Max= 1.94dBi, CirD=12.28

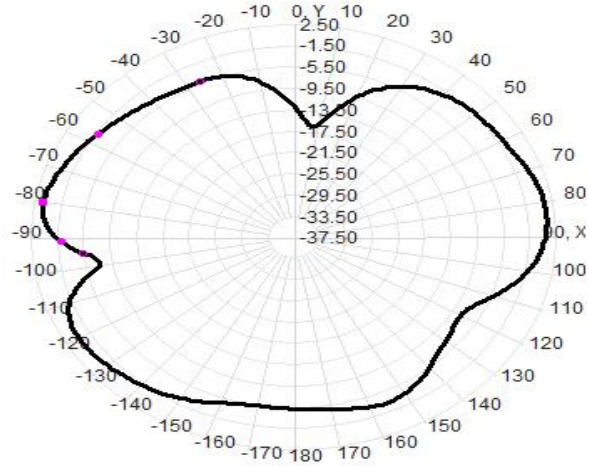
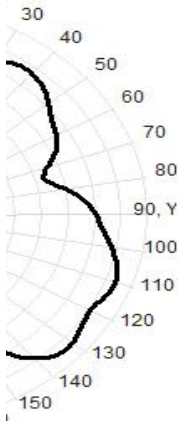




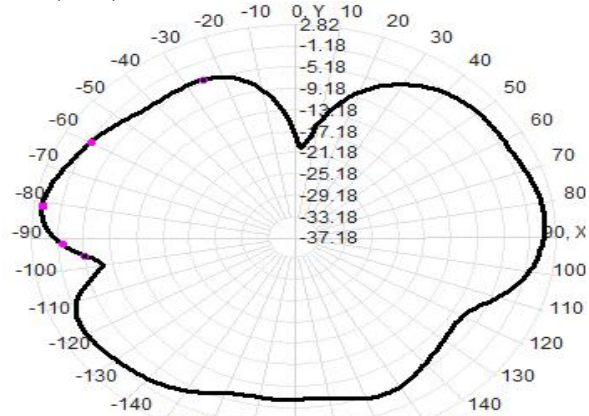
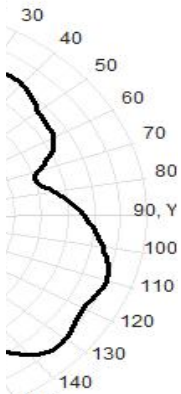
Total(H-XY), Max= 0.98dBi, CirD=15.43



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

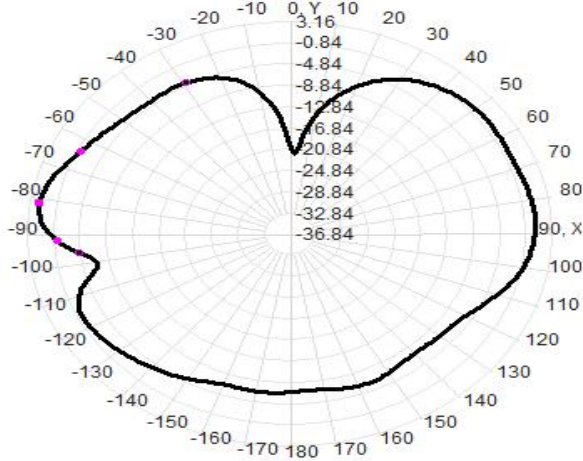
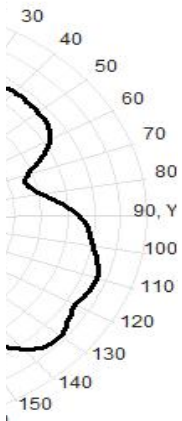


Total(H-XY), Max= 1.54dBi, CirD=21.77

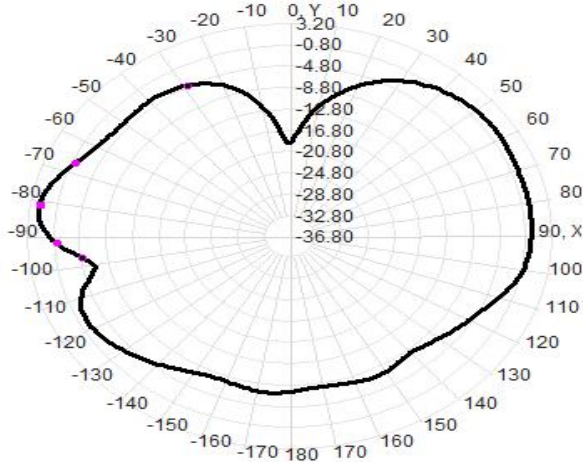
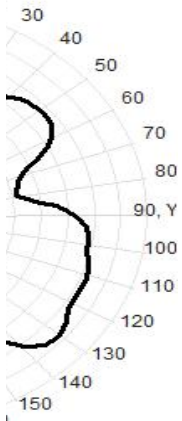




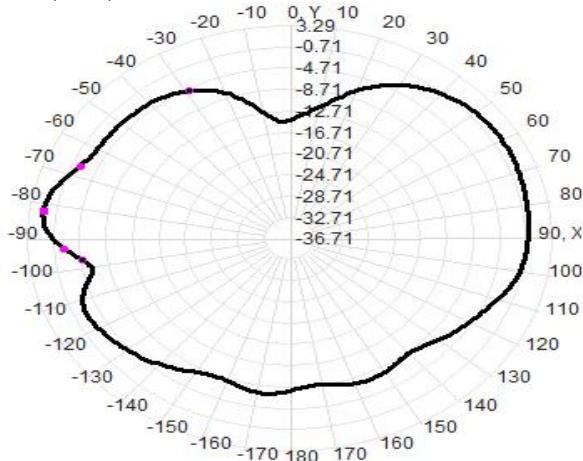
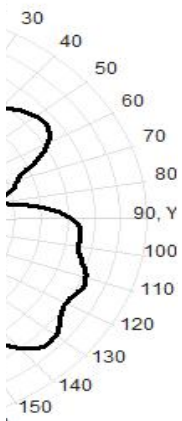
Total(H-XY), Max= 1.69dBi, CirD=23.43



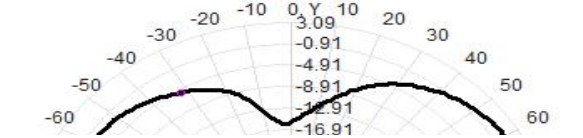
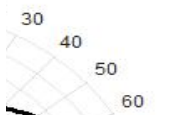
Total(H-XY), Max= 1.70dBi, CirD=20.85

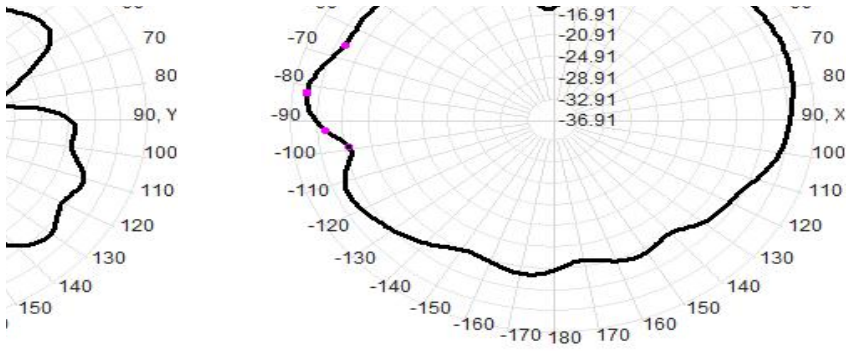


Total(H-XY), Max= 1.14dBi, CirD=15.81

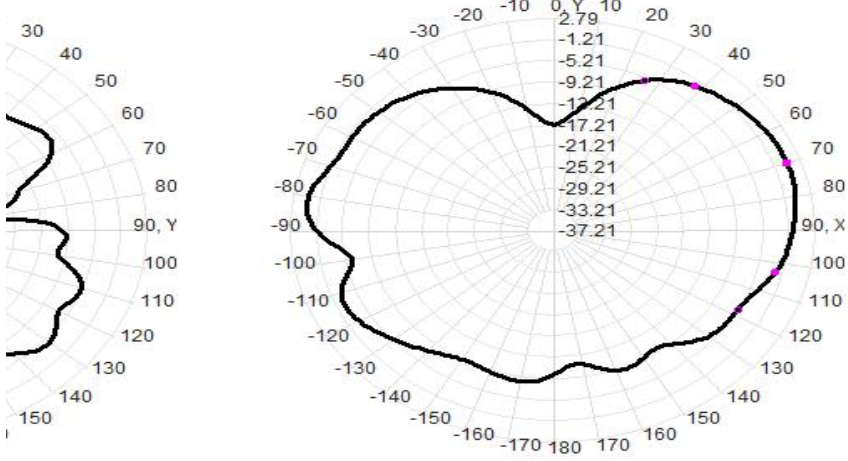


Total(H-XY), Max= 0.81dBi, CirD=16.74

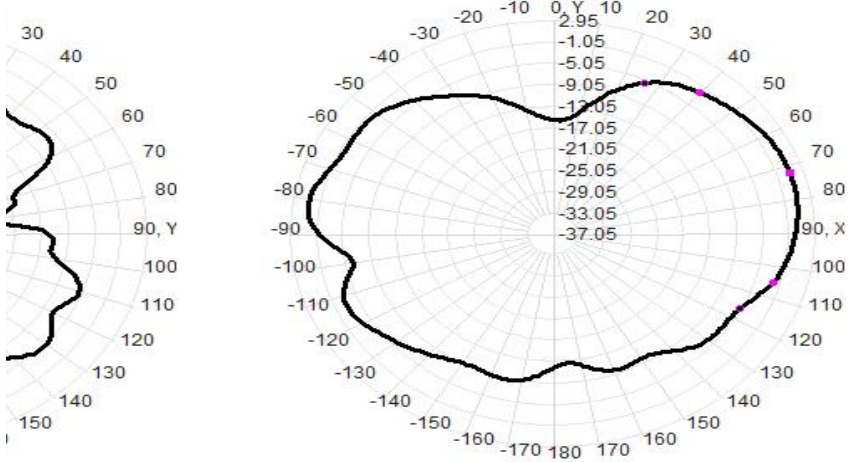




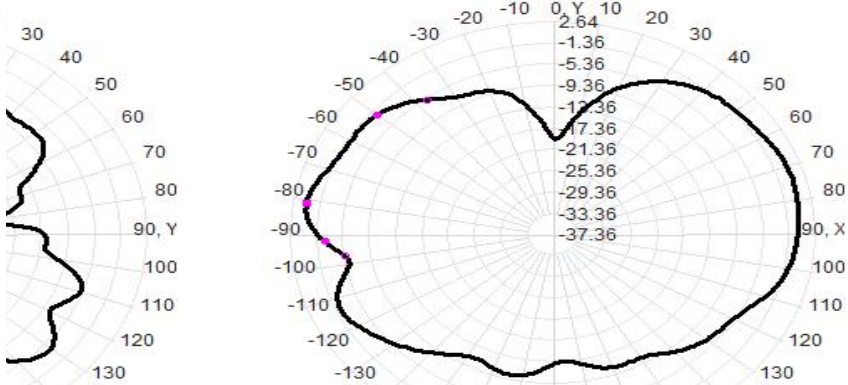
Total(H-XY), Max= 0.49dBi, CirD=17.73

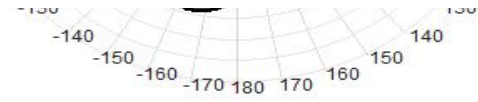


Total(H-XY), Max= 0.68dBi, CirD=16.42



Total(H-XY), Max= 0.55dBi, CirD=19.90





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

