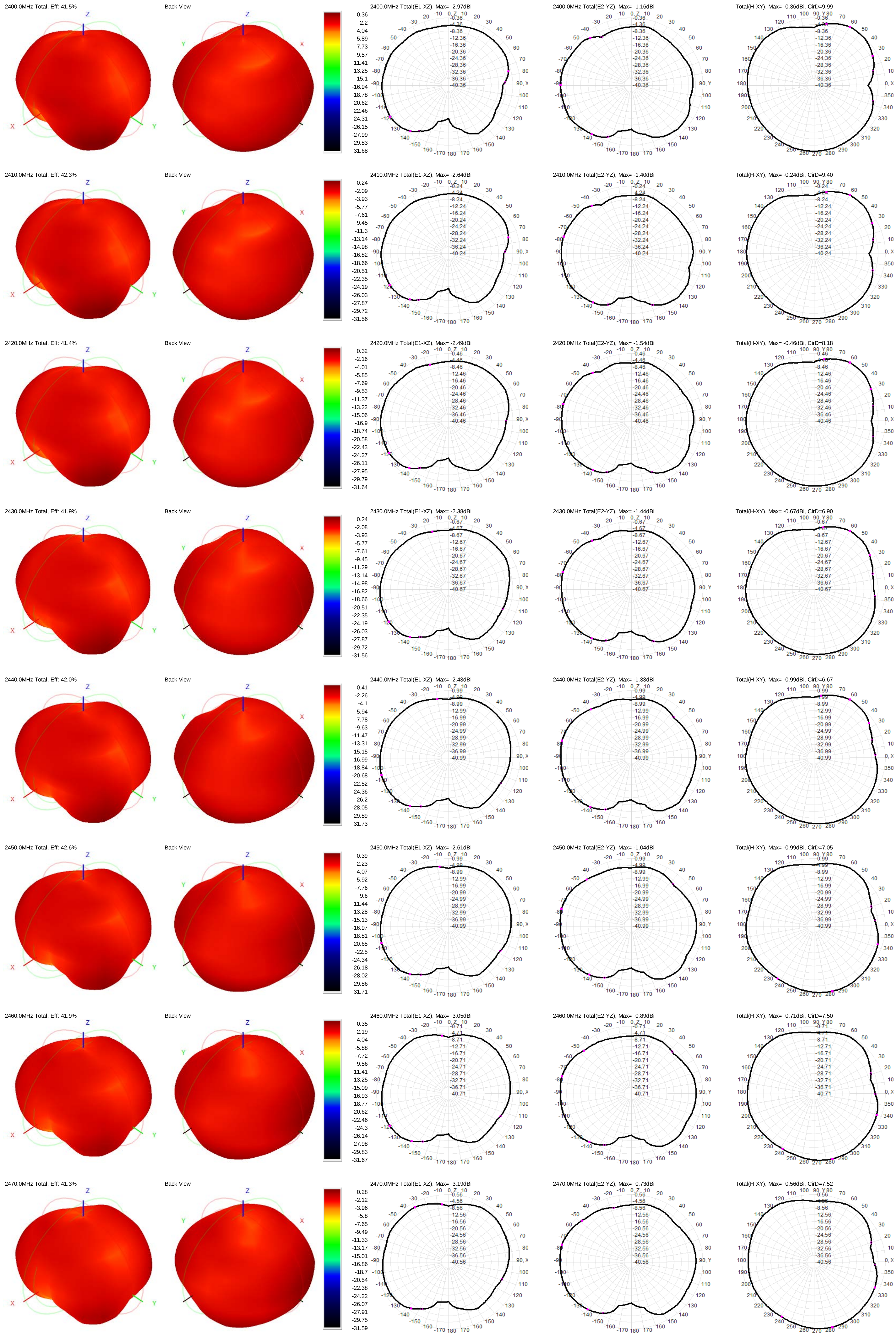
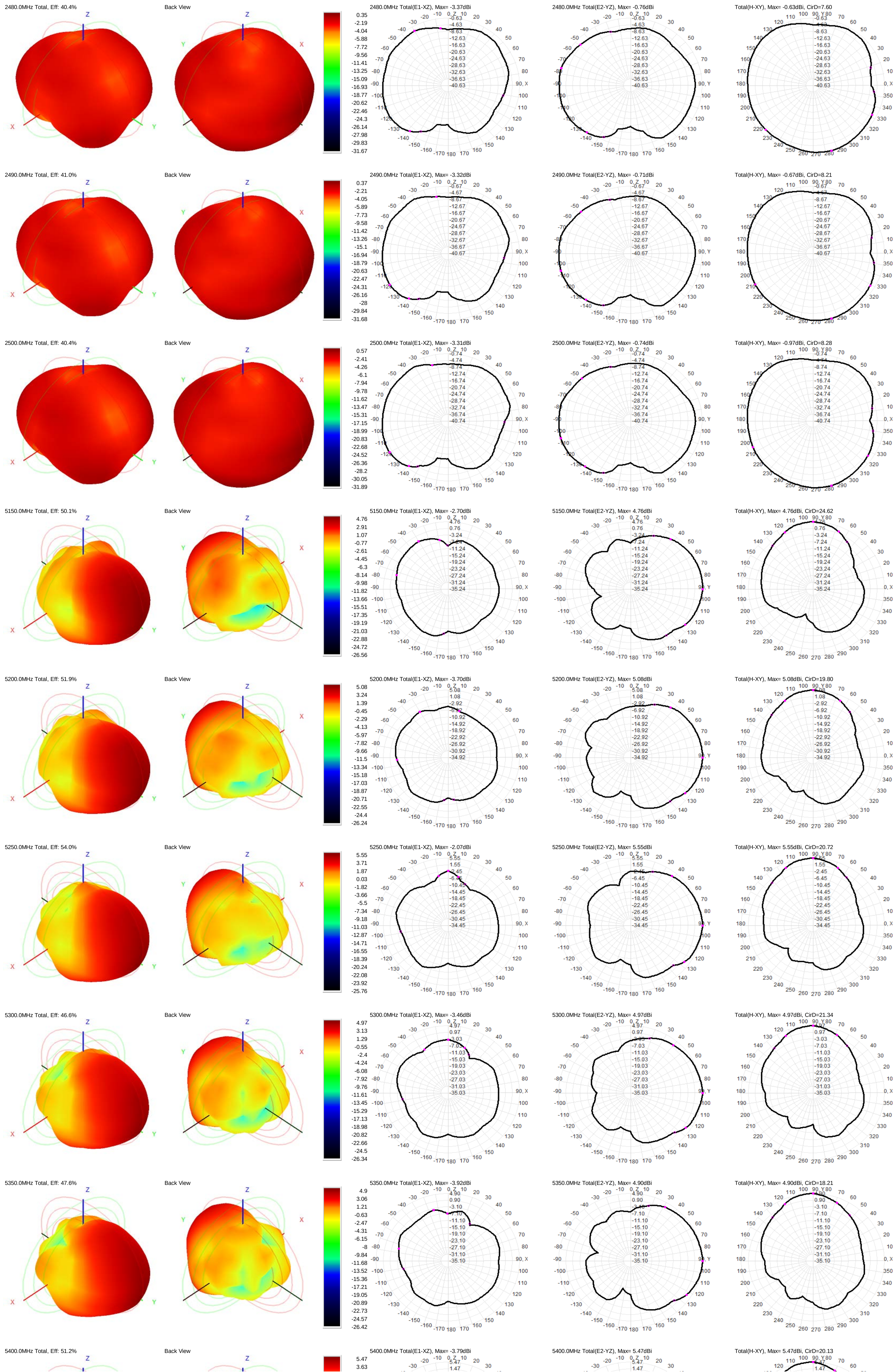
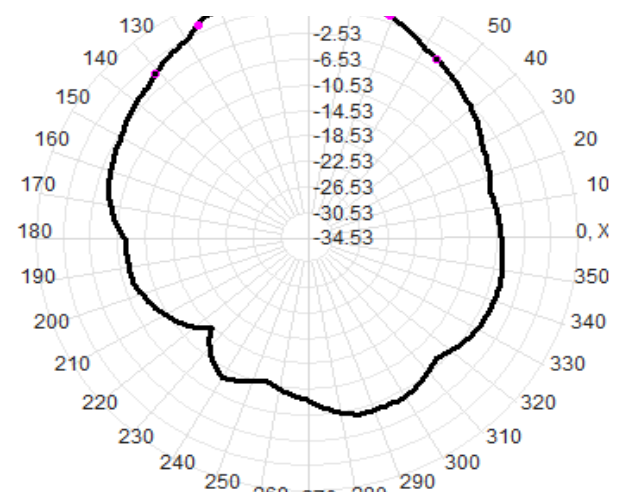
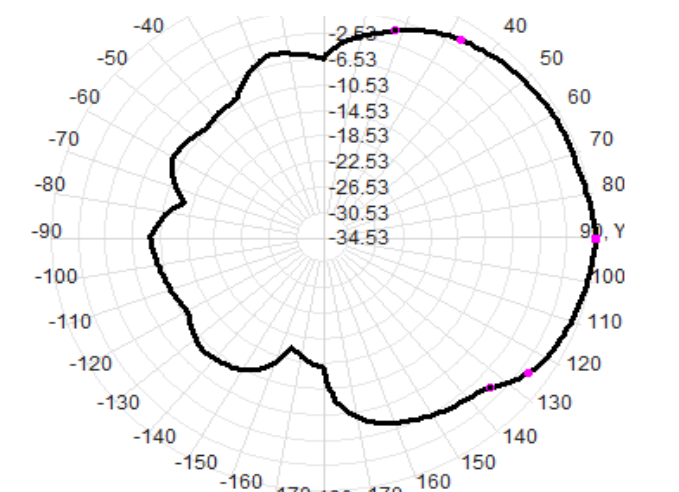
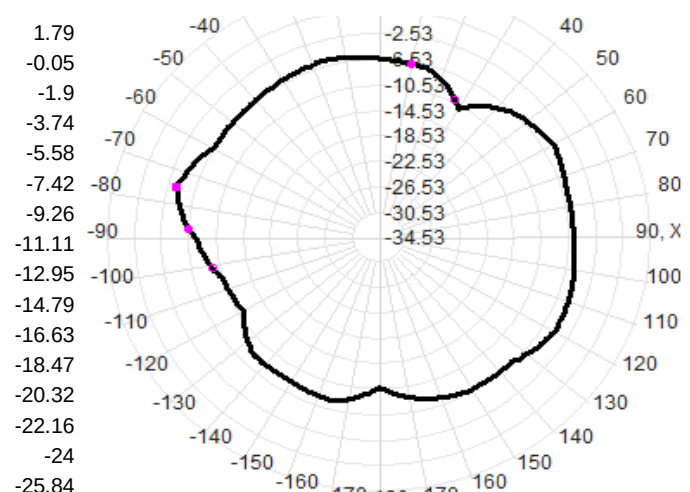
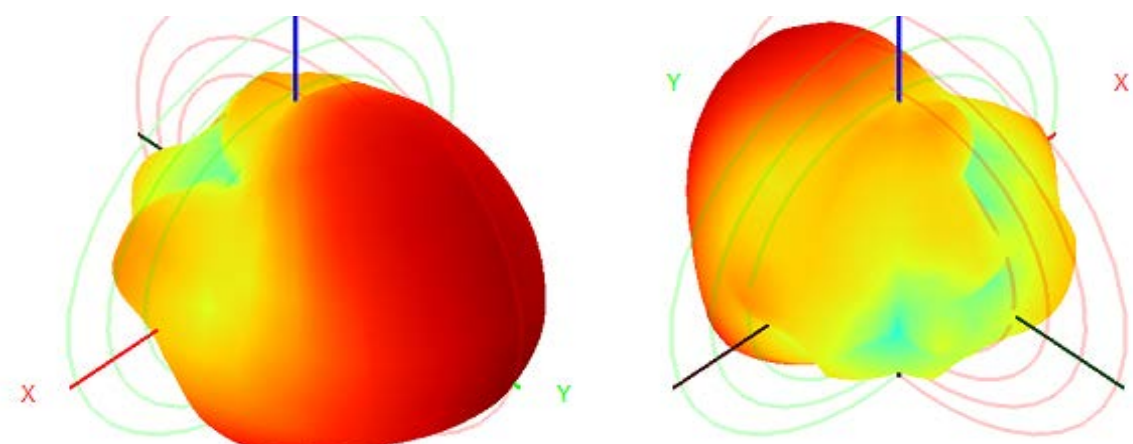


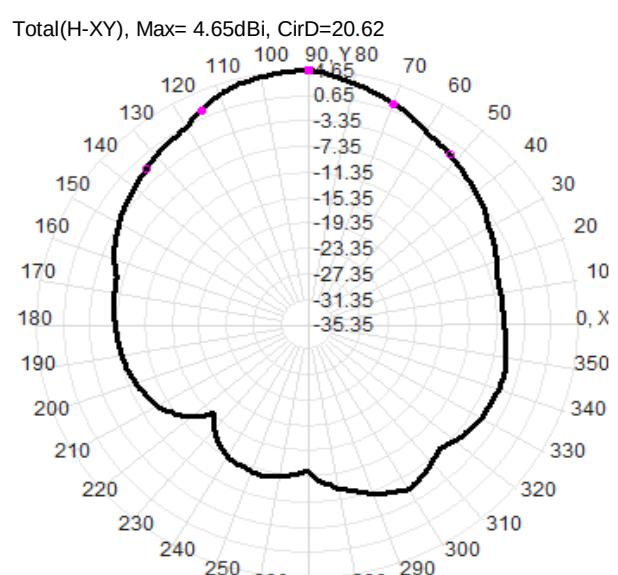
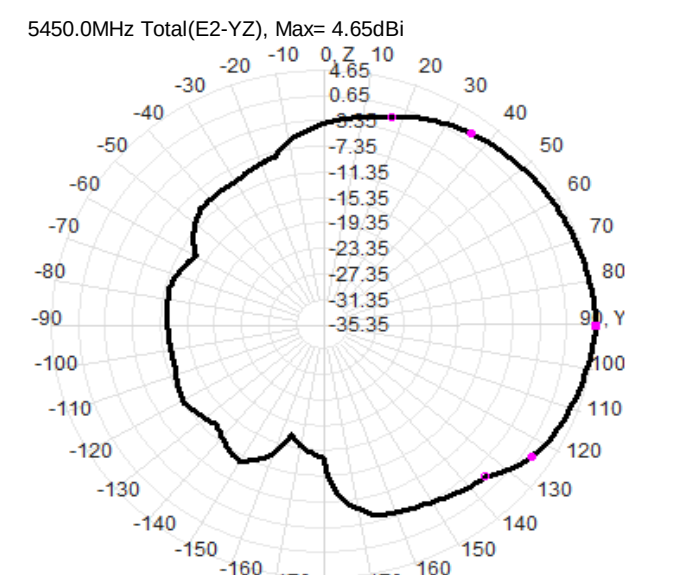
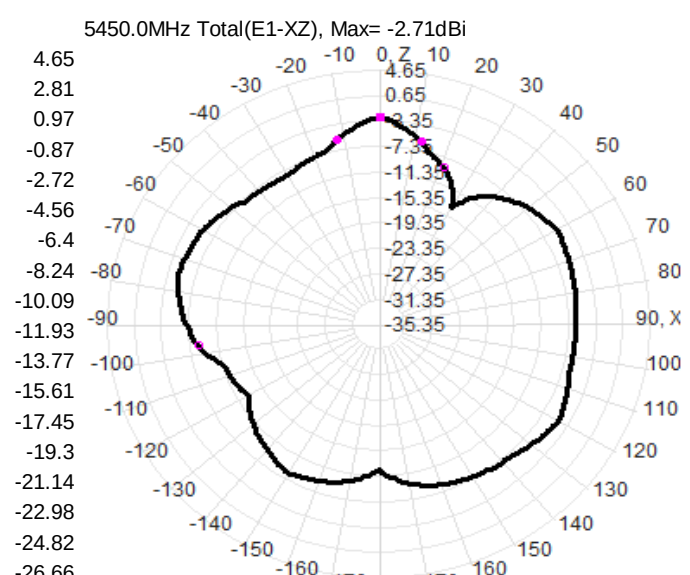
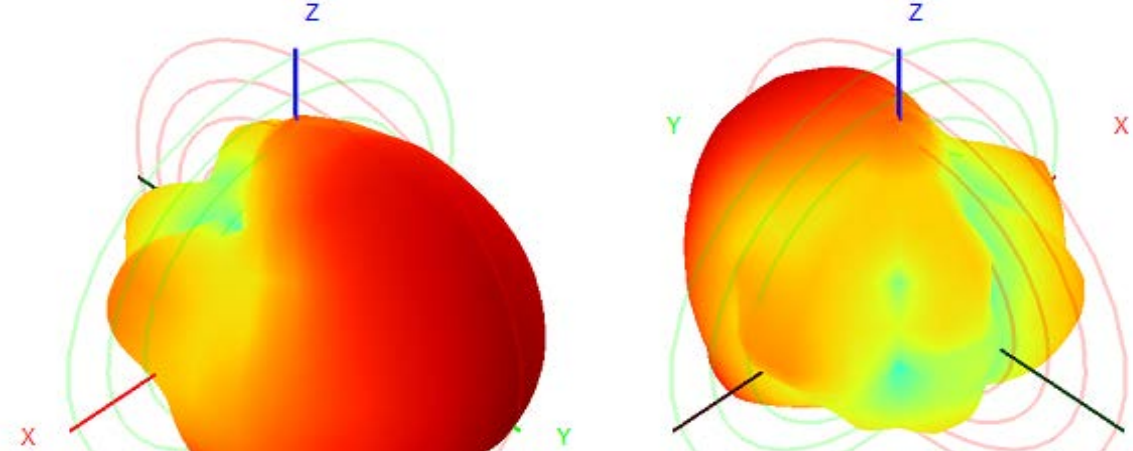






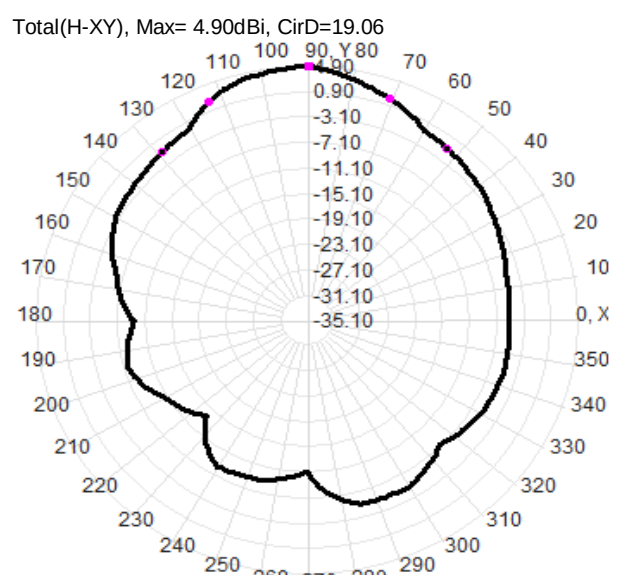
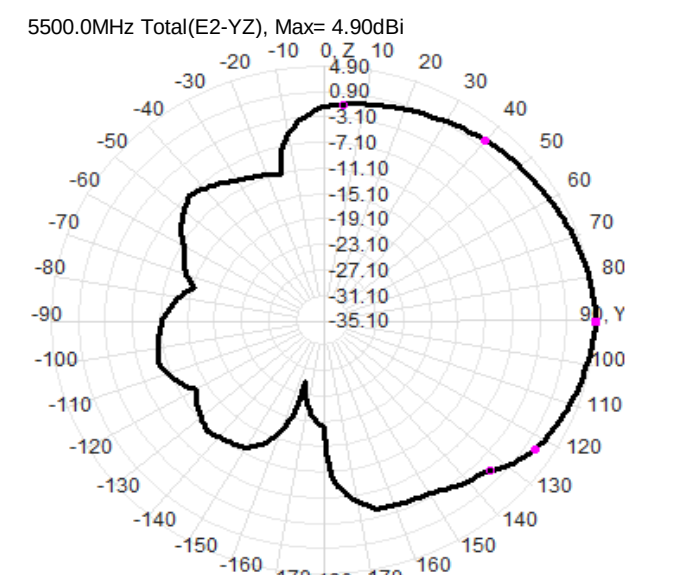
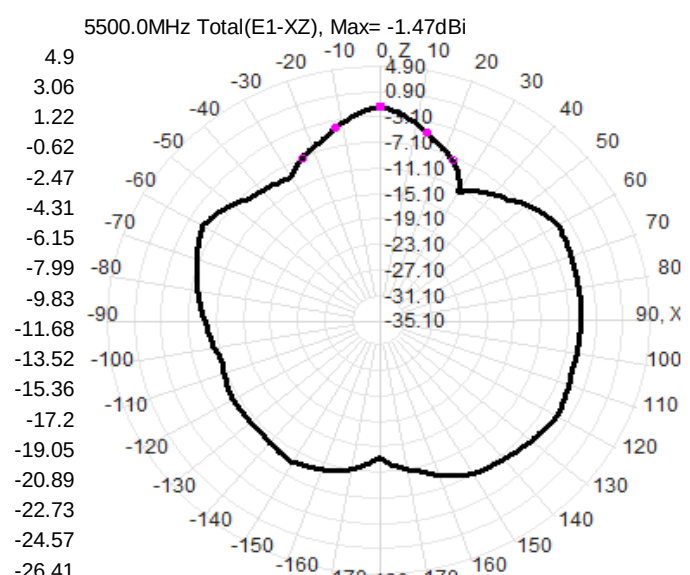
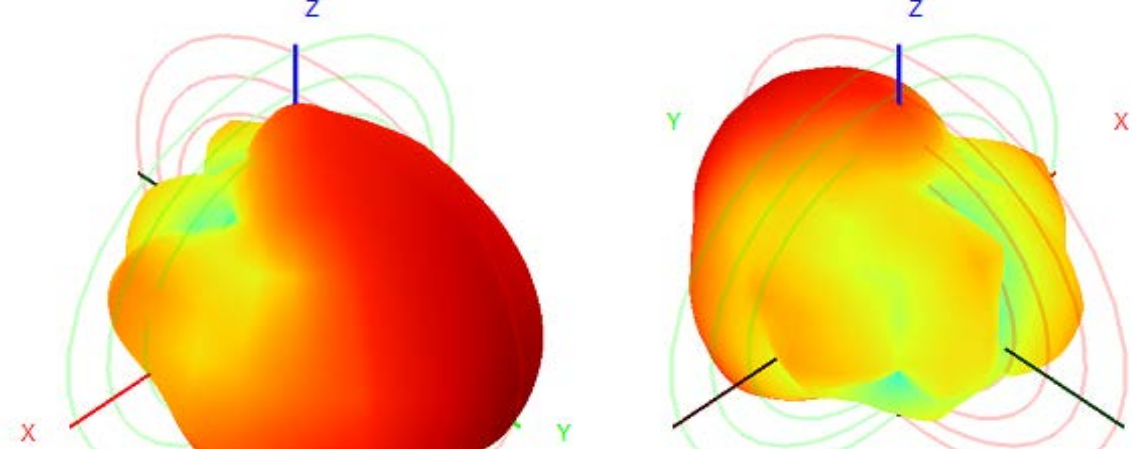
5450.0MHz Total, Eff: 44.1%

Back View



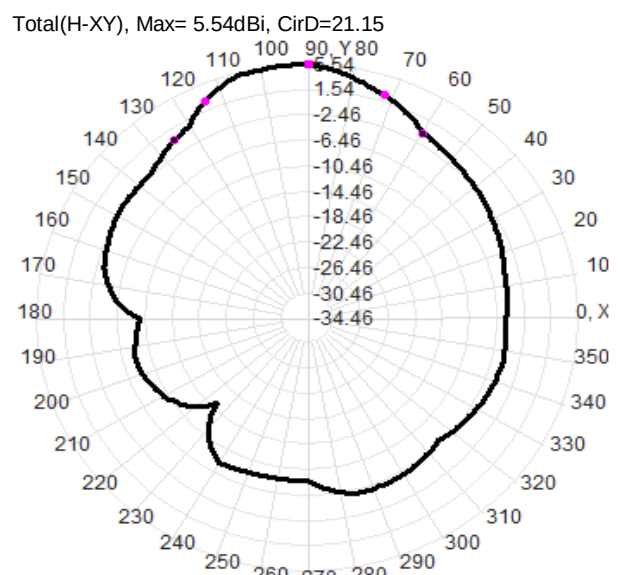
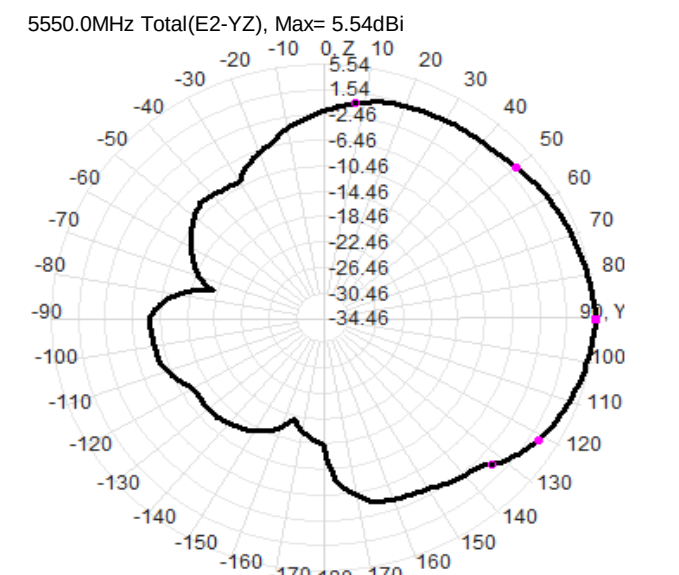
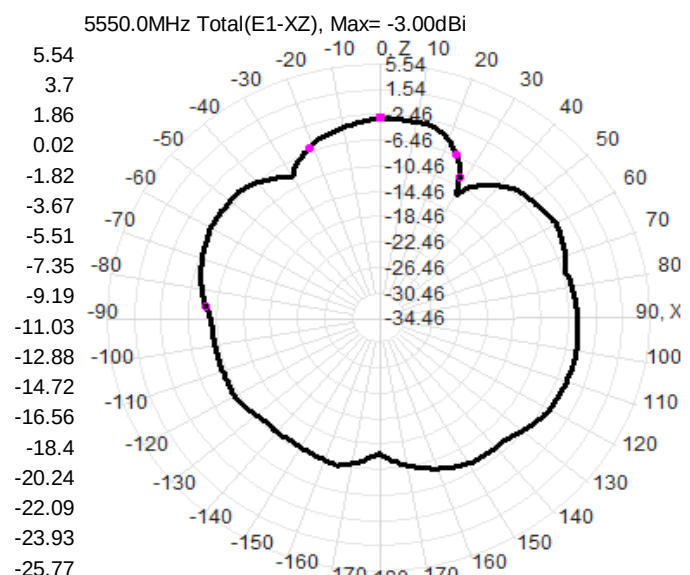
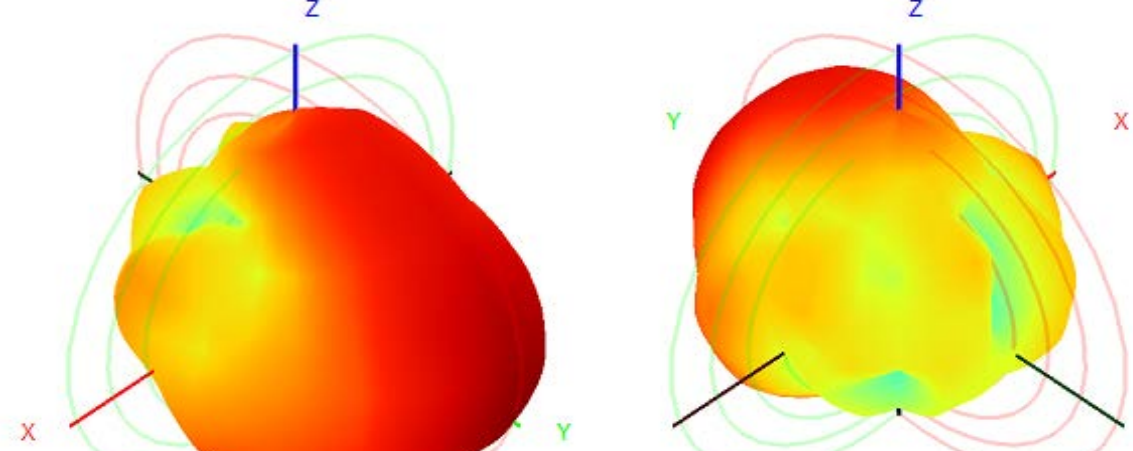
5500.0MHz Total, Eff: 44.7%

Back View



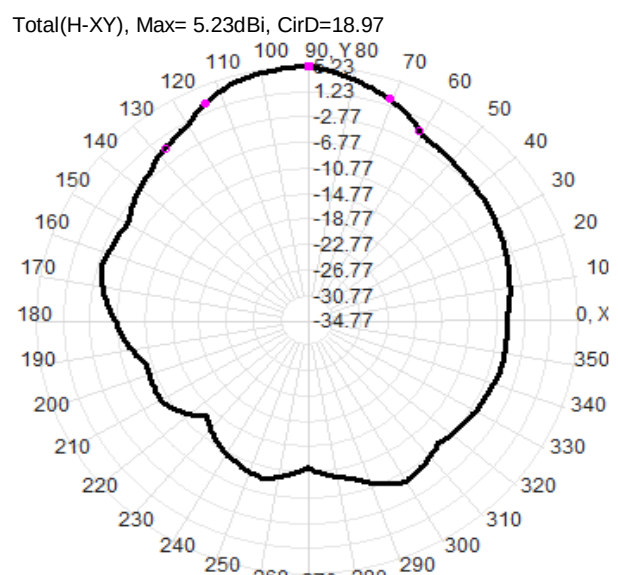
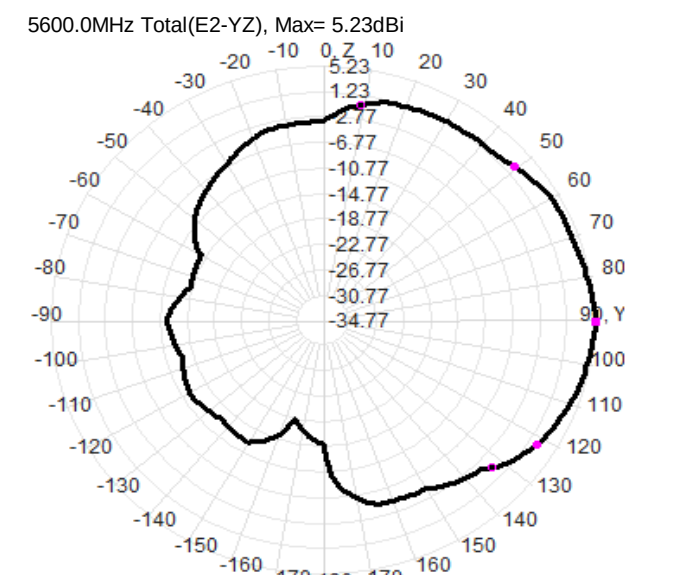
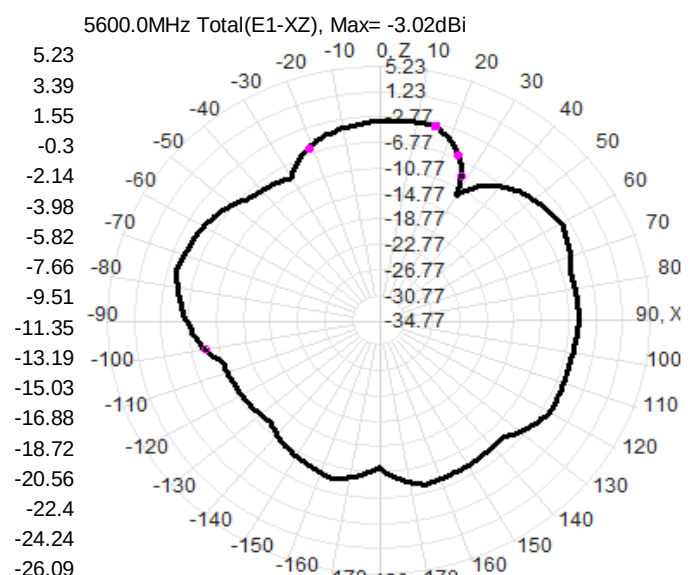
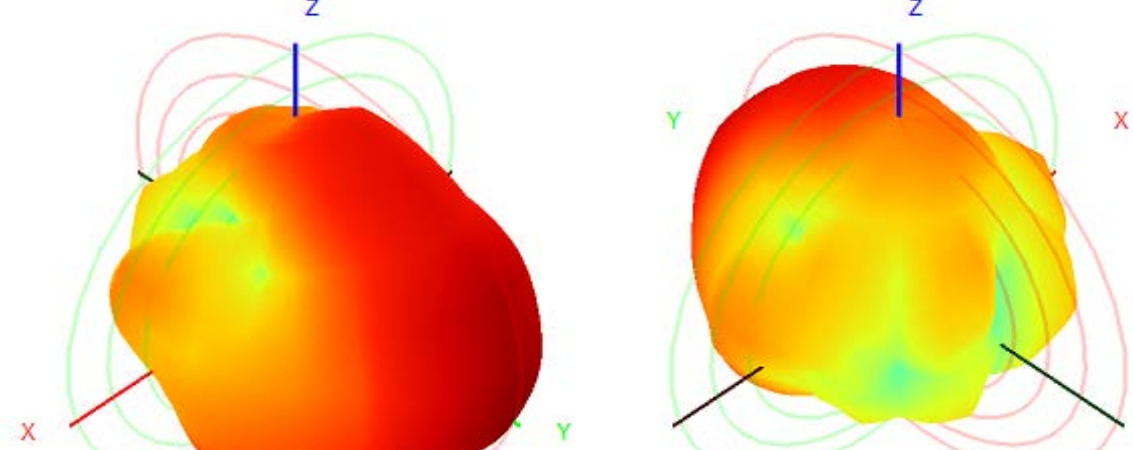
5550.0MHz Total, Eff: 48.6%

Back View



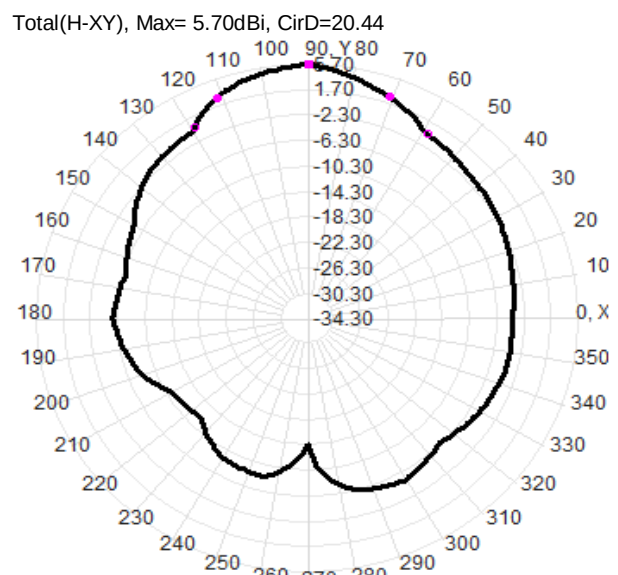
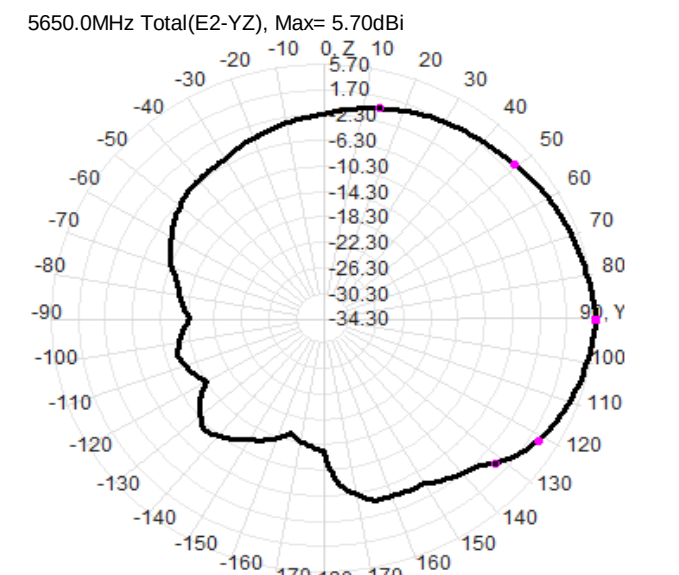
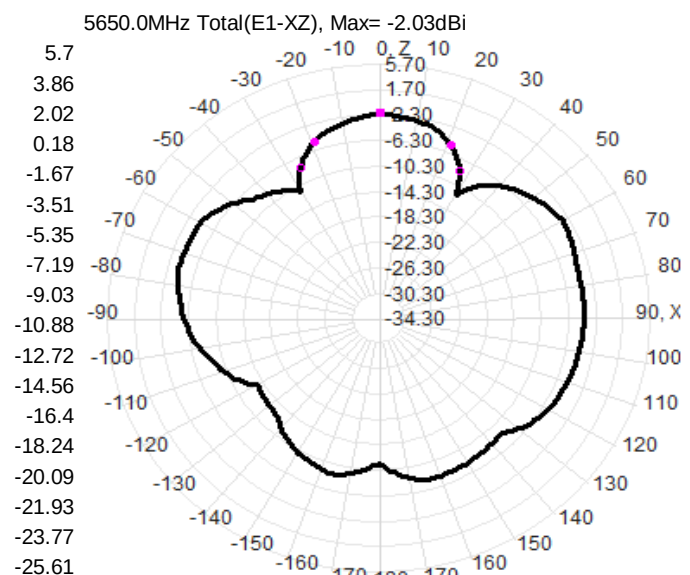
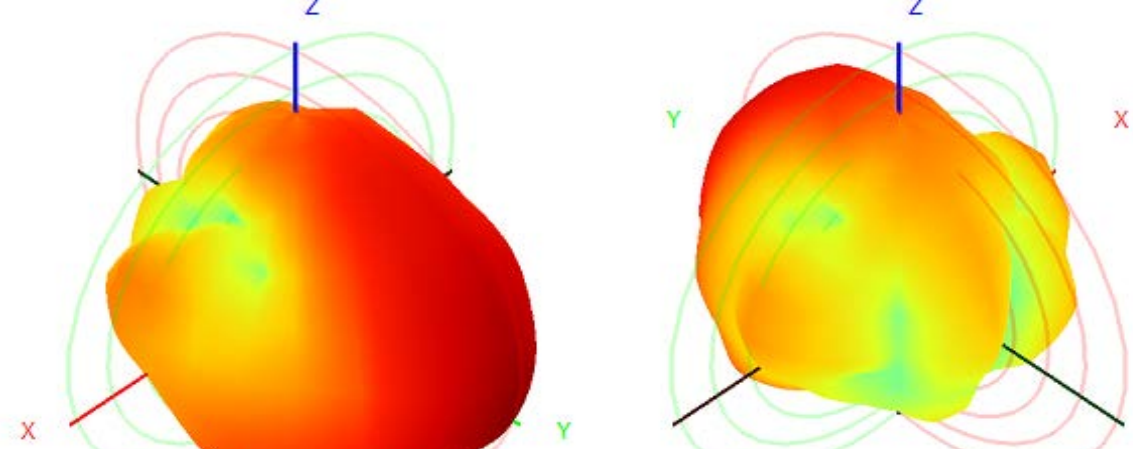
5600.0MHz Total, Eff: 46.6%

Back View



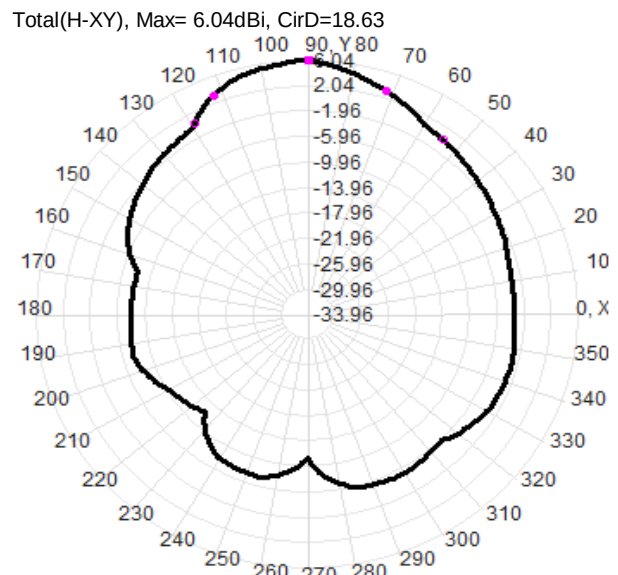
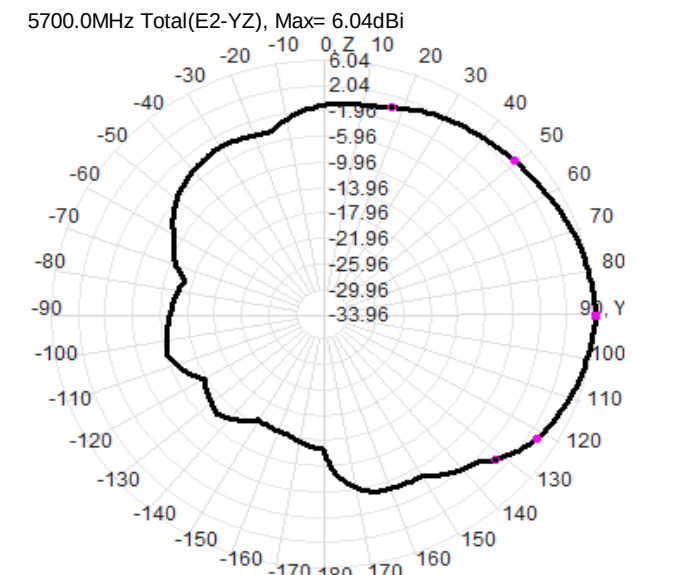
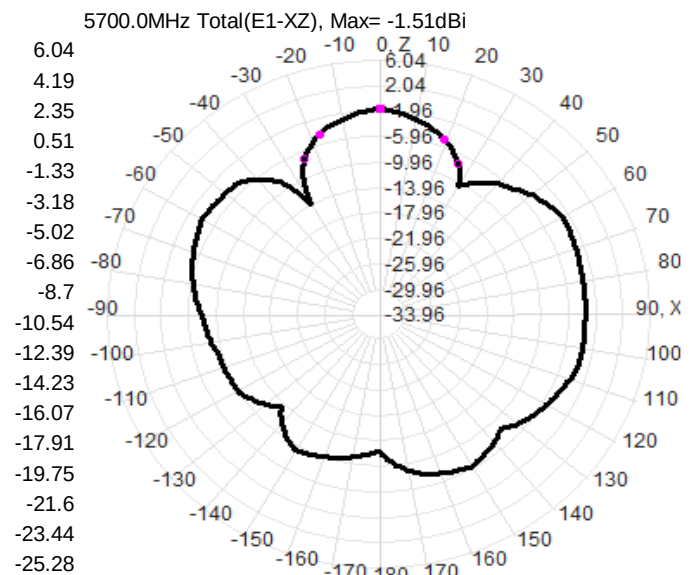
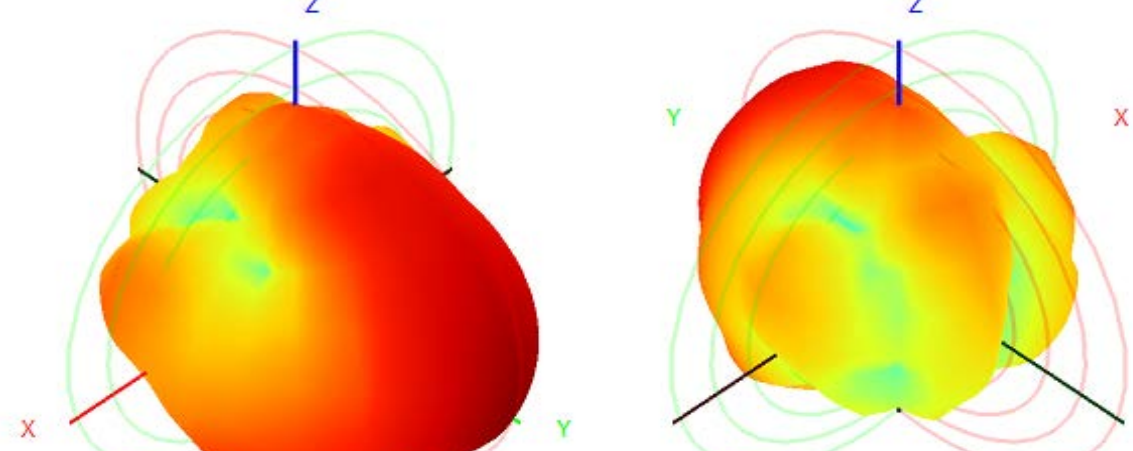
5650.0MHz Total, Eff: 48.8%

Back View



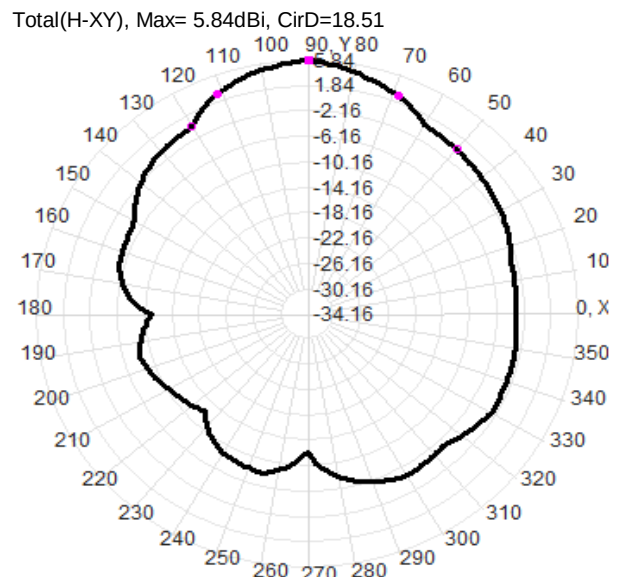
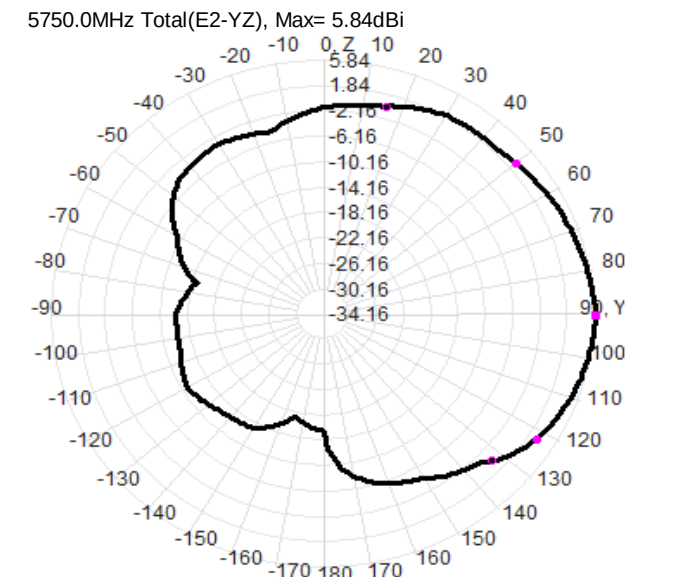
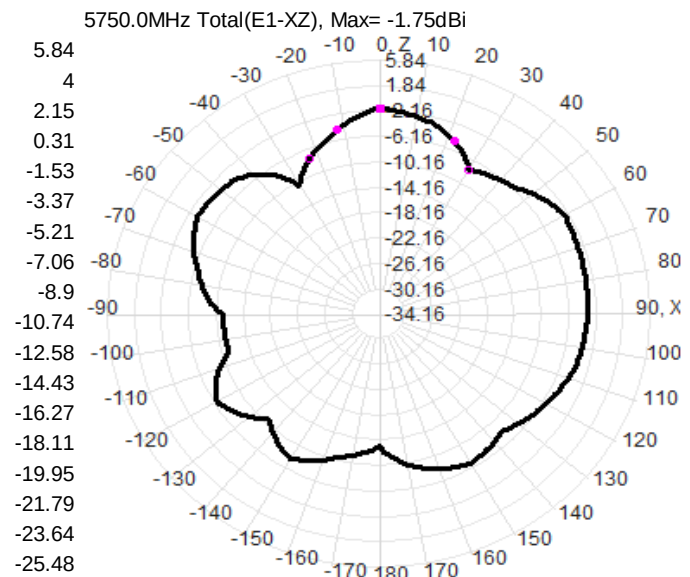
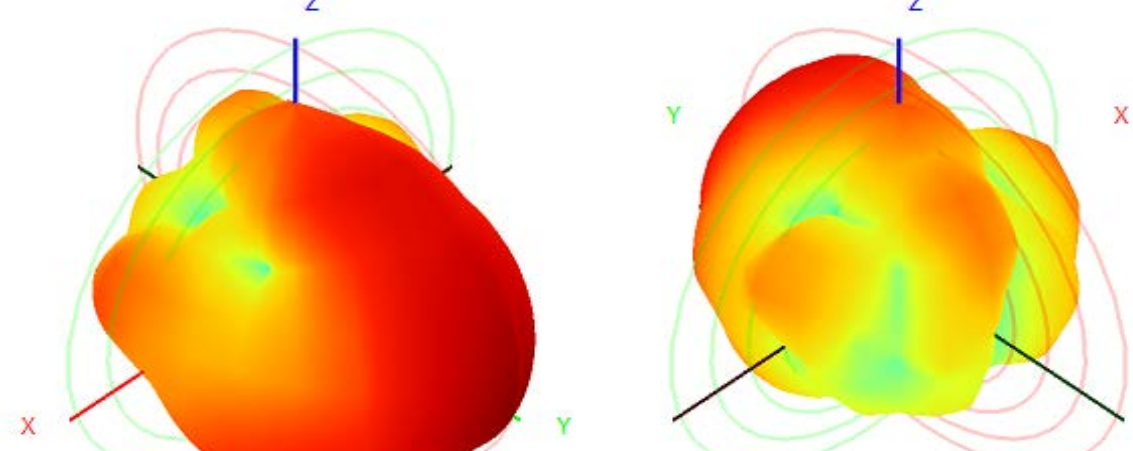
5700.0MHz Total, Eff: 52.7%

Back View



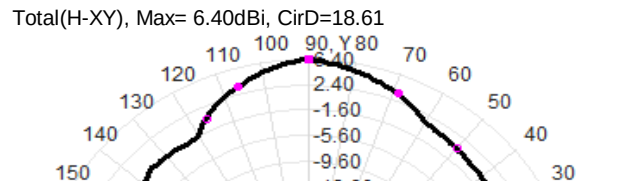
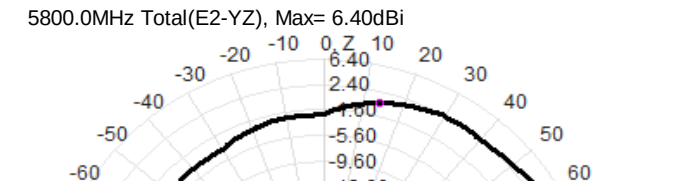
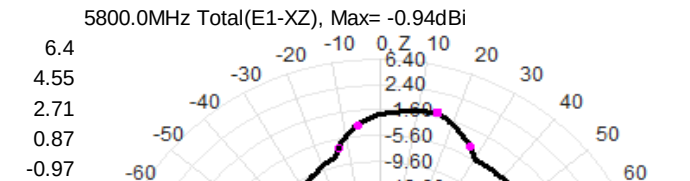
5750.0MHz Total, Eff: 52.4%

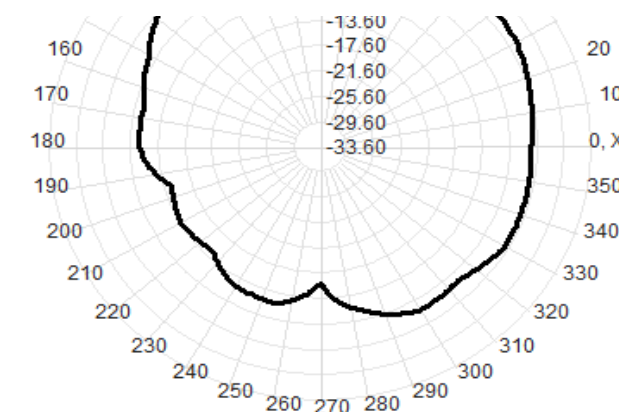
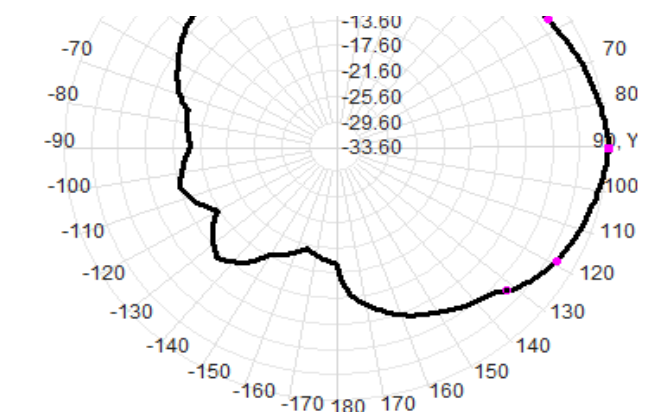
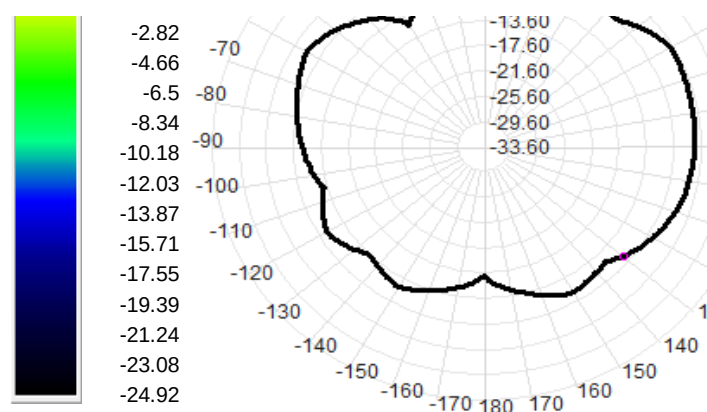
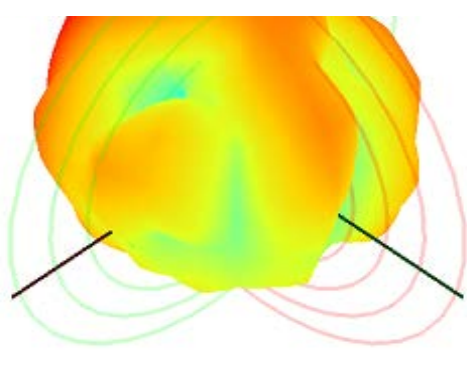
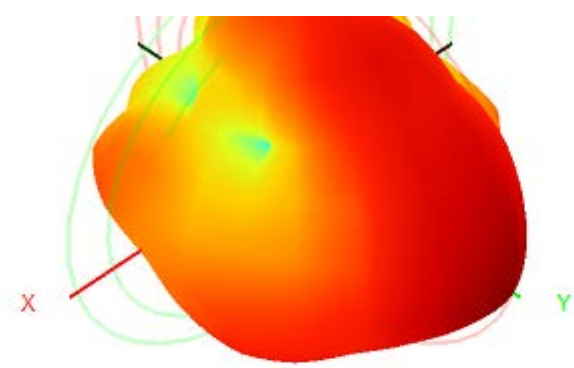
Back View



5800.0MHz Total, Eff: 54.7%

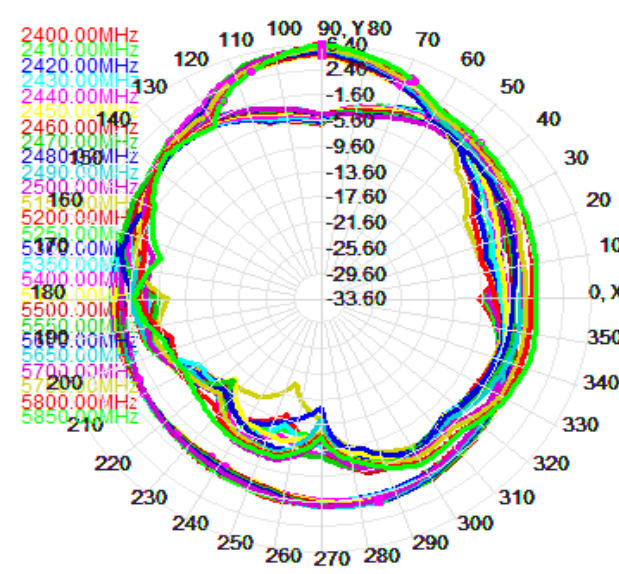
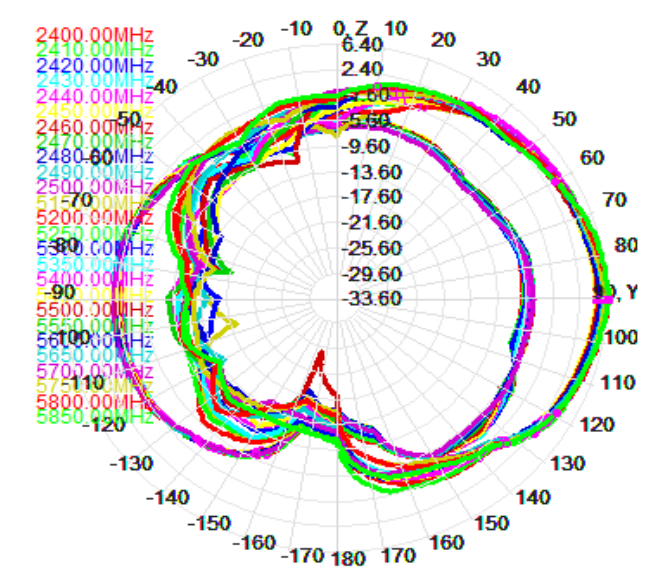
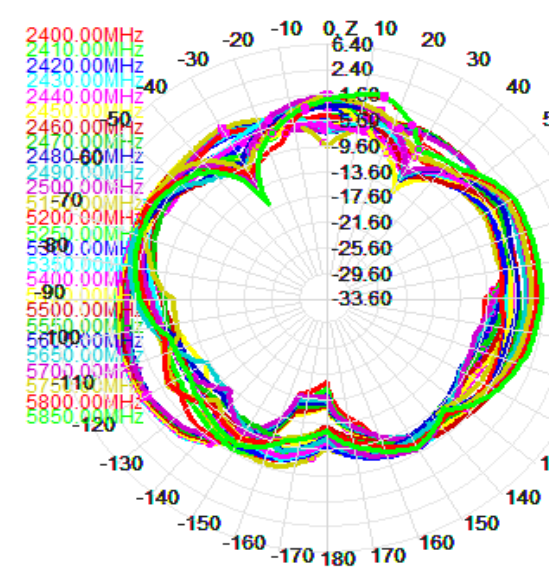
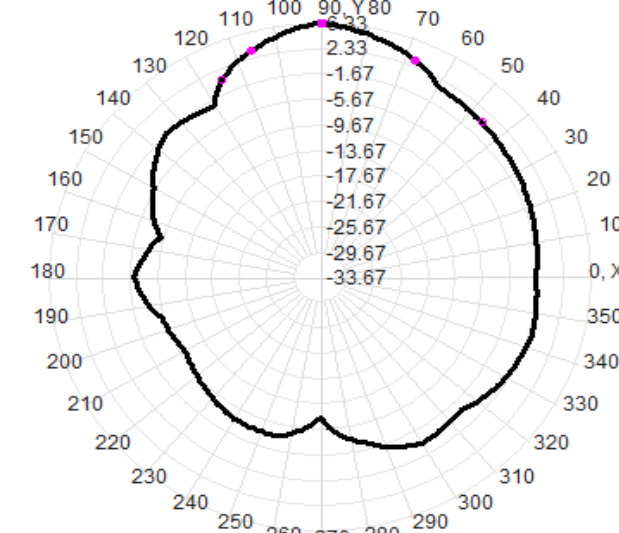
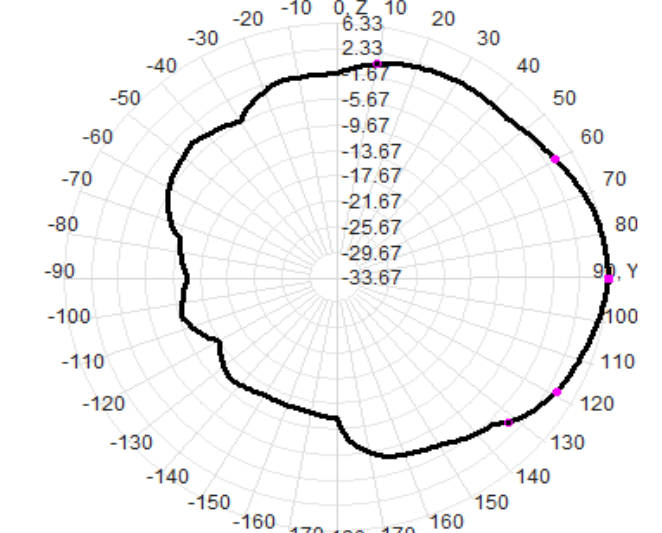
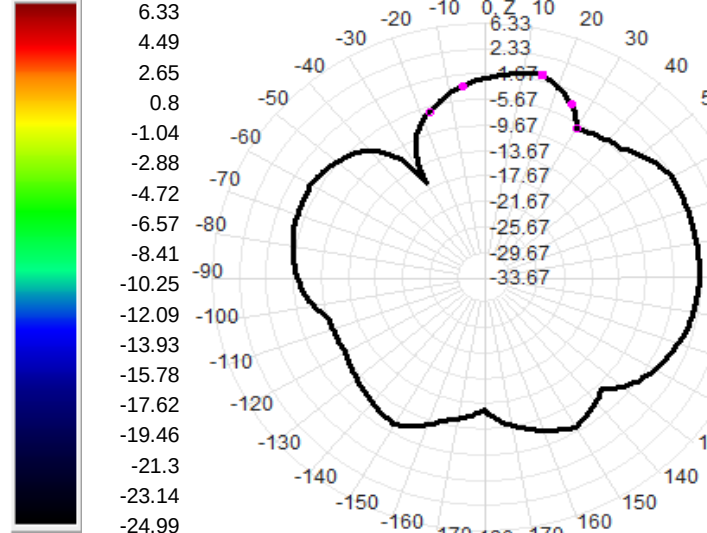
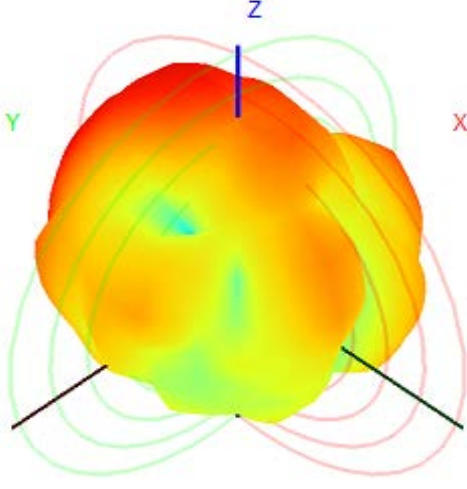
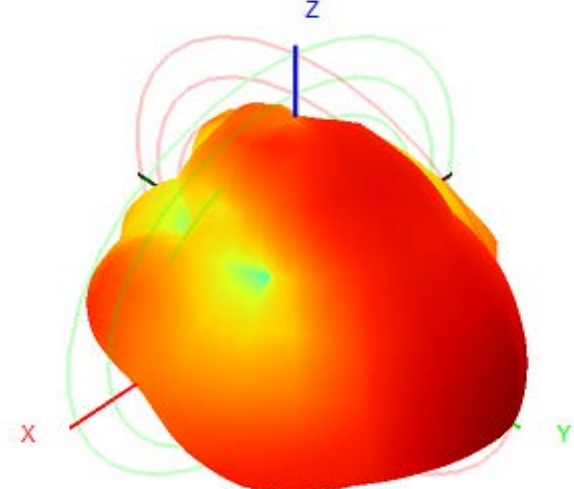
Back View





5850.0MHz Total, Eff: 55.2%

Back View



 TEST REPORT																											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	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)	-3.82	-3.73	-3.83	-3.78	-3.76	-3.70	-3.78	-3.84	-3.94	-3.87	-3.93	-3.00	-2.85	-2.68	-3.32	-3.22	-2.91	-3.55	-3.50	-3.13	-3.32	-3.11	-2.78	-2.80	-2.62	-2.58	
Gain (dBi)	0.36	0.24	0.32	0.24	0.41	0.39	0.35	0.28	0.35	0.37	0.57	4.76	5.08	5.55	4.97	4.90	5.47	4.65	4.90	5.54	5.23	5.70	6.04	5.84	6.40	6.33	
Efficiency (%)	41.49	42.32	41.44	41.88	42.03	42.63	41.89	41.33	40.39	40.99	40.44	50.08	51.90	54.01	46.59	47.65	51.23	44.15	44.68	48.61	46.58	48.82	52.74	52.44	54.70	55.19	
Directivity (dB)	3.46	3.49	3.50	3.54	3.35	3.31	3.43	3.56	3.58	3.51	3.36	7.76	7.93	8.23	8.29	8.12	8.38	8.20	8.40	8.68	8.55	8.82	8.81	8.64	9.02	8.91	
Peak Gain Position (Theta)	90.00	90.00	105.00	105.00	105.00	75.00	75.00	75.00	75.00	75.00	75.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	
Peak Gain Position (Phi)	60.00	60.00	60.00	60.00	60.00	285.00	285.00	285.00	285.00	285.00	285.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	
Efficiency ThetaPol (%)	19.40	19.83	19.67	19.93	19.79	20.05	19.70	19.36	19.09	19.60	19.20	10.22	9.16	8.81	9.61	8.95	8.19	8.43	8.59	9.18	9.15	9.76	10.85	11.02	11.52	12.84	
Efficiency PhiPol (%)	22.09	22.49	21.77	21.95	22.23	22.58	22.18	21.97	21.30	21.40	21.24	39.87	42.75	45.20	36.98	38.69	43.03	35.71	36.09	39.43	37.42	39.06	41.88	41.42	43.18	42.35	
Upper Hem. Efficiency (%)	21.28	21.66	21.05	21.31	21.45	21.93	21.62	21.35	20.74	20.99	20.86	26.03	26.29	26.97	23.90	24.61	25.95	22.59	22.63	24.73	24.13	25.09	27.08	26.99	28.69	29.53	
Lower Hem. Efficiency (%)	20.21	20.67	20.39	20.57	20.58	20.70	20.27	19.98	19.65	20.00	19.58	24.06	25.61	27.04	22.69	23.04	25.28	21.55	22.05	23.88	22.45	23.73	25.66	25.45	26.01	25.66	
T90(H)圆度	9.99	9.40	8.18	6.90	6.67	7.05	7.50	7.52	7.60	8.21	8.28	24.62	19.80	20.72	21.34	18.21	20.13	20.62	19.06	21.15	18.97	20.44	18.63	18.51	18.61	18.18	
Gain 15deg (dBi)																											
E1(XZ)波瓣宽度	217.33	215.62	125.64	127.72	133.09	135.50	137.66	136.50	134.71	130.36	125.67	64.61	106.57	21.73	46.20	74.41	97.02	23.61	25.17	44.97	45.31	40.06	35.93	34.44	32.55	31.61	
E1(XZ)前后比	4.26	4.34	4.58	4.74	4.88	5.03	5.14	5.44	5.49	5.39	5.21	3.67	3.20	4.21	3.05	3.08	3.30	5.12	5.97	5.11	5.17	6.02	5.02	5.35	6.33	6.09	
E2(YZ)波瓣宽度	103.69	106.80	106.67	105.56	104.23	99.42	94.20	90.91	89.85	90.02	89.51	88.10	87.37	87.94	84.45	92.09	91.41	88.02	82.92	71.48	72.66	72.54	72.46	72.19	62.04	59.25	
E2(YZ)前后比	3.91	3.74	3.77	3.73	3.74	3.94	4.10	4.28	4.24	4.28	4.61	6.17	6.42	7.05	7.87	7.28	7.93	8.00	8.82	9.12	9.64	10.23	10.84	10.35	10.10	9.77	
最大增益处轴比(P)	4.65	4.42	5.85	5.72	5.60	12.62	13.22	14.08	14.64	15.25	16.10	33.91	34.06	29.86	25.50	32.29	26.88	23.45	27.31	26.26	24.61	44.47	36.46	37.53	22.92	22.18	
顶点(Theta=0)处轴比(P)	9.50	9.16	8.59	8.23	8.40	9.09	10.54	10.80	10.11	9.62	9.48	6.03	15.57	10.36	7.04	0.98	10.34	12.55	9.03	6.53	8.05	8.71	8.33	8.16	5.88	6.74	
仰角10度最差(大)轴比(P)	52.06	62.32	65.59	50.41	60.62	77.12	51.30	45.93	40.99	46.06	47.20	62.18	53.82	47.60	55.40	54.73	35.59	51.14	37.33	36.58	37.25	50.87	58.57	61.25	51.18	51.87	
Hc(XY)波瓣宽度	50.82	50.21	49.66	49.23	49.83	106.09	97.56	94.96	107.39	119.14	121.73	47.82	49.02	46.11	44.83	45.56	44.35	45.08	42.32	41.78	42.77	39.67	39.82	41.16	37.20	37.42	
Hc(XY)前后比	0.80	1.22	1.41	1.04	0.39	0.00	0.00	0.00	0.00	0.00	0.00	11.51	10.86	11.91	11.18	10.40	11.23	10.27	10.01	11.50	10.93	10.91	11.34	10.73	10.43	10.04	
左旋圆极化效率(%)	23.99	24.21	23.52	23.77	24.16	24.98	24.94	25.04	24.90	25.33	24.92	27.29	28.89	30.24	27.08	28.66	30.67	26.85	27.76	30.53	29.57	31.08	33.17	32.98	33.64	34.11	
右旋圆极化效率(%)	17.50	18.11	17.92	18.11	17.86	17.66	16.95	16.29	15.50	15.66	15.52	22.80	23.01	23.77	19.52	18.99	20.55	17.29	16.92	18.07	17.00	17.74	19.56	19.46	21.05	21.08	
最大增益处交极比(+/-45极化)	0.55	0.70	0.45	0.49	0.56	9.38	9.99	10.37	10.35	10.49	10.32	0.31	0.32	0.30	0.71	0.94	0.70	1.10	1.45	1.31	2.09	2.58	2.30	2.67	2.66	2.17	
最大增益处交极比(水平垂直极化)	4.60	4.35	5.82	5.69	5.55	3.86	3.65	3.72	3.95	4.04	4.39	31.35	31.38	28.77	23.48	24.52	24.33	20.67	20.55	20.93	17.44	16.61	17.56	16.29	15.42	16.60	
T60度Phi一圈最差交极比(+/-45极化)	0.01	0.06	0.05	0.02	0.04	0.02	0.01	0.04	0.02	0.07	0.01	0.01	0.02	0.04	0.02	0.00	0.02	0.02	0.03	0.05	0.03	0.00	0.05	0.02	0.03	0.01	
T60度Phi一圈最差交极比(水平垂直极化)	0.02	0.03	0.01	0.05	0.00	0.03	0.01	0.01	0.03	0.04	0.02	0.02	0.01	0.03	0.03	0.02	0.02	0.06	0.03	0.03	0.01	0.05	0.01	0.00	0.01	0.02	
T90度(H)Phi一圈最差交极比(+/-45极化)	0.03	0.03	0.05	0.04	0.00	0.10	0.02	0.01	0.01	0.00	0.08	0.04	0.03	0.03	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.00	0.02	0.01	0.05	0.10	0.03
T90度(H)Phi一圈最差交极比(水平垂直极化)	0.00	0.01	0.03	0.02	0.00	0.03	0.00	0.01	0.00	0.01	0.01	0.02	0.00	0.02	0.09	0.08	0.02	0.01	0.03	0.01	0.01	0.04	0.03	0.04	0.03	0.01	
轴对称天线主瓣下倾角度(平均值)	-3.50	-3.96	-3.33	-1.71	1.13	3.42	5.00	5.50	5.33	3.54	4.21	20.00	31.92	45.96	41.96	28.17	22.29	43.92	47.50	44.17	42.00	47.33	48.92	50.50	44.67	44.42	
轴向(Z+)水平垂直极化隔离度	9.49	9.13	8.59	8.23	8.27	8.64	9.45	9.57	9.08	8.74	8.62	0.49	13.62	10.18	6.67	0.88	8.03	12.13	8.95	6.41	8.03	8.70	8.33	7.90	5.84	6.73	
Theta85.0一周最大增益	-0.94	-0.79	-0.95	-1.11	-1.11	-0.78	-0.59	-0.46	-0.54	-0.57	-0.83	4.75	4.97	5.34	4.72	4.70	5.14	4.47	4.70	5.24	4.91	5.38	5.78	5.54	6.02	6.10	
Theta85.0一周圆度(为最大最小)	7.41	7.24	6.62	5.81	6.31	6.97	7.33	7.21	6.82	6.98	6.62	21.61	19.32	19.01	19.40	17.67	19.01	18.93	17.16	16.86	17.54	19.10	17.69	18.79	17.81	17.21	
Empty																											

