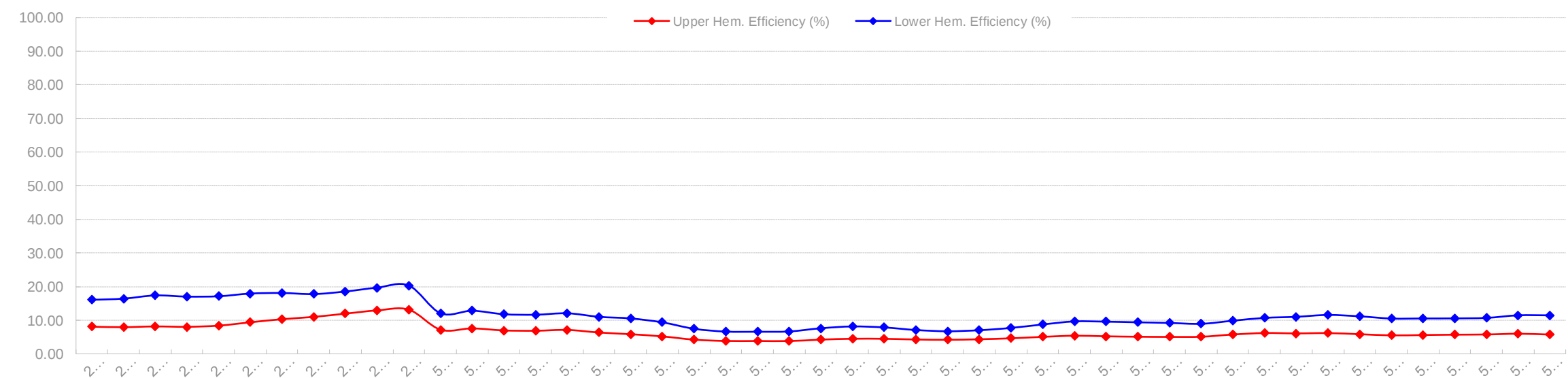
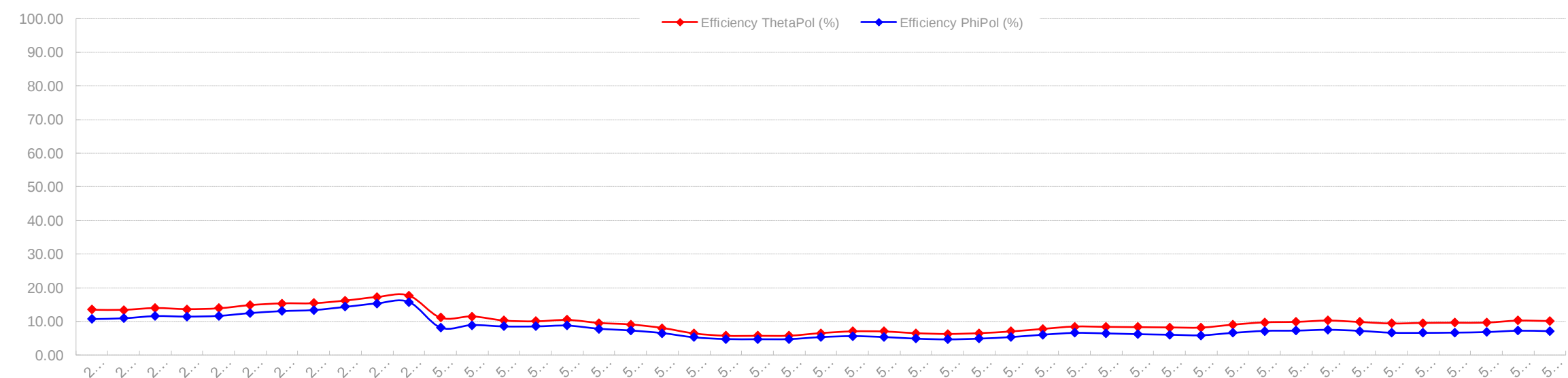
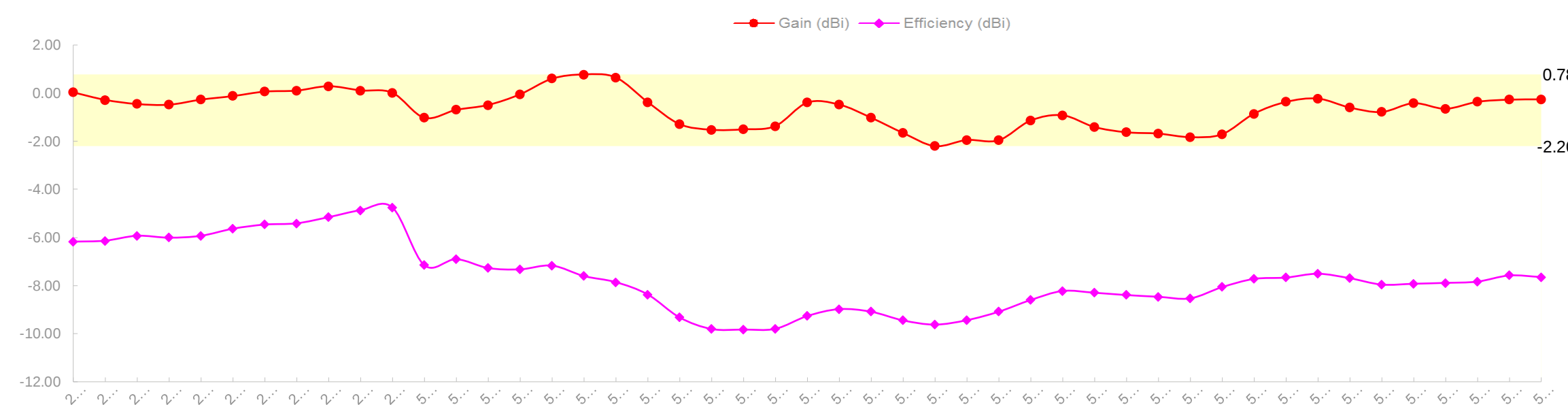
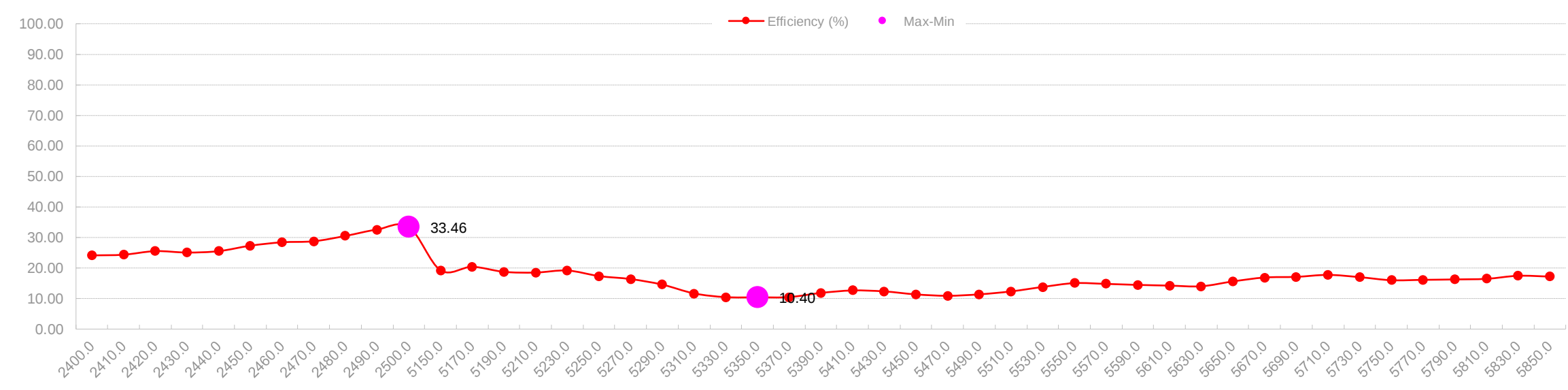
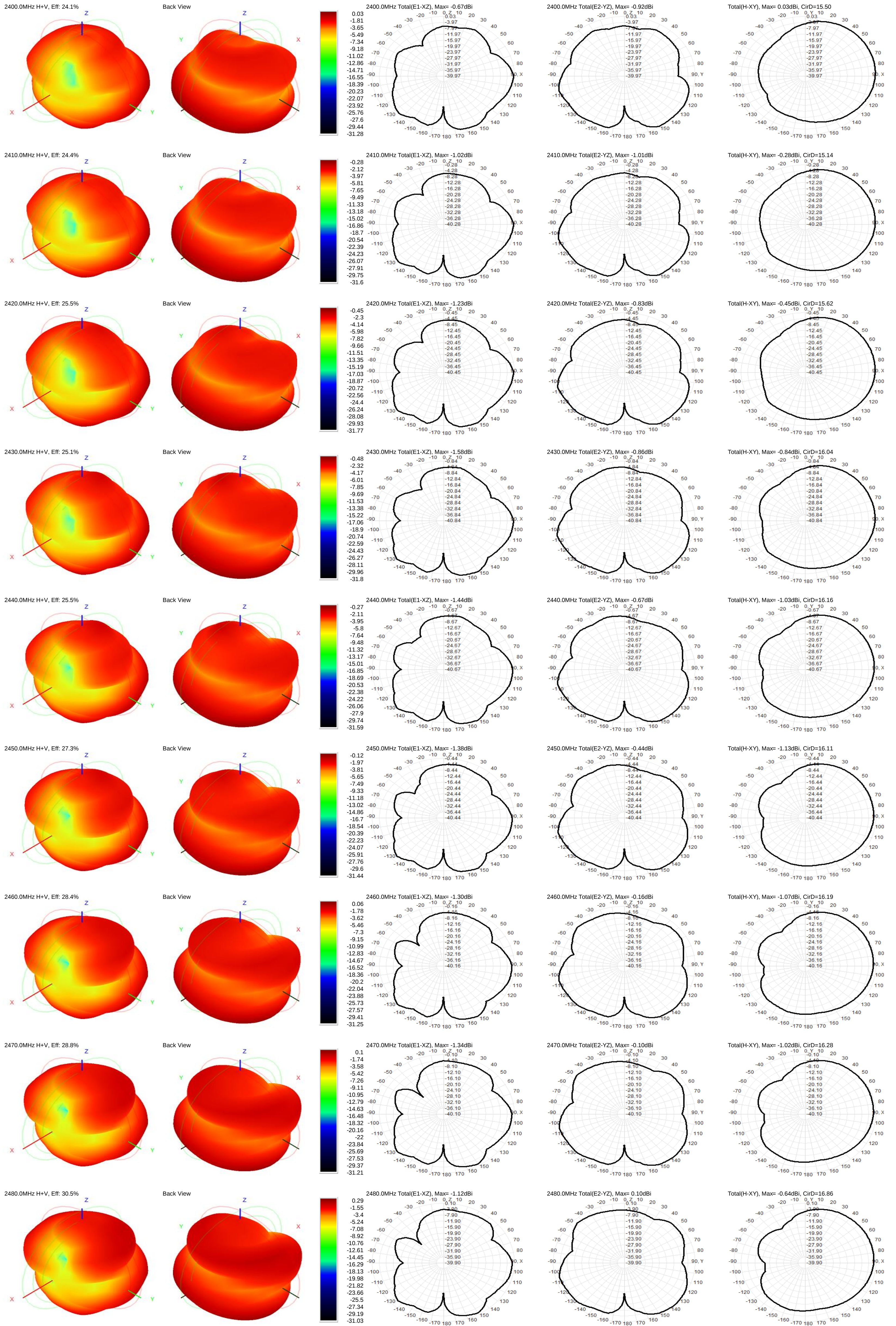
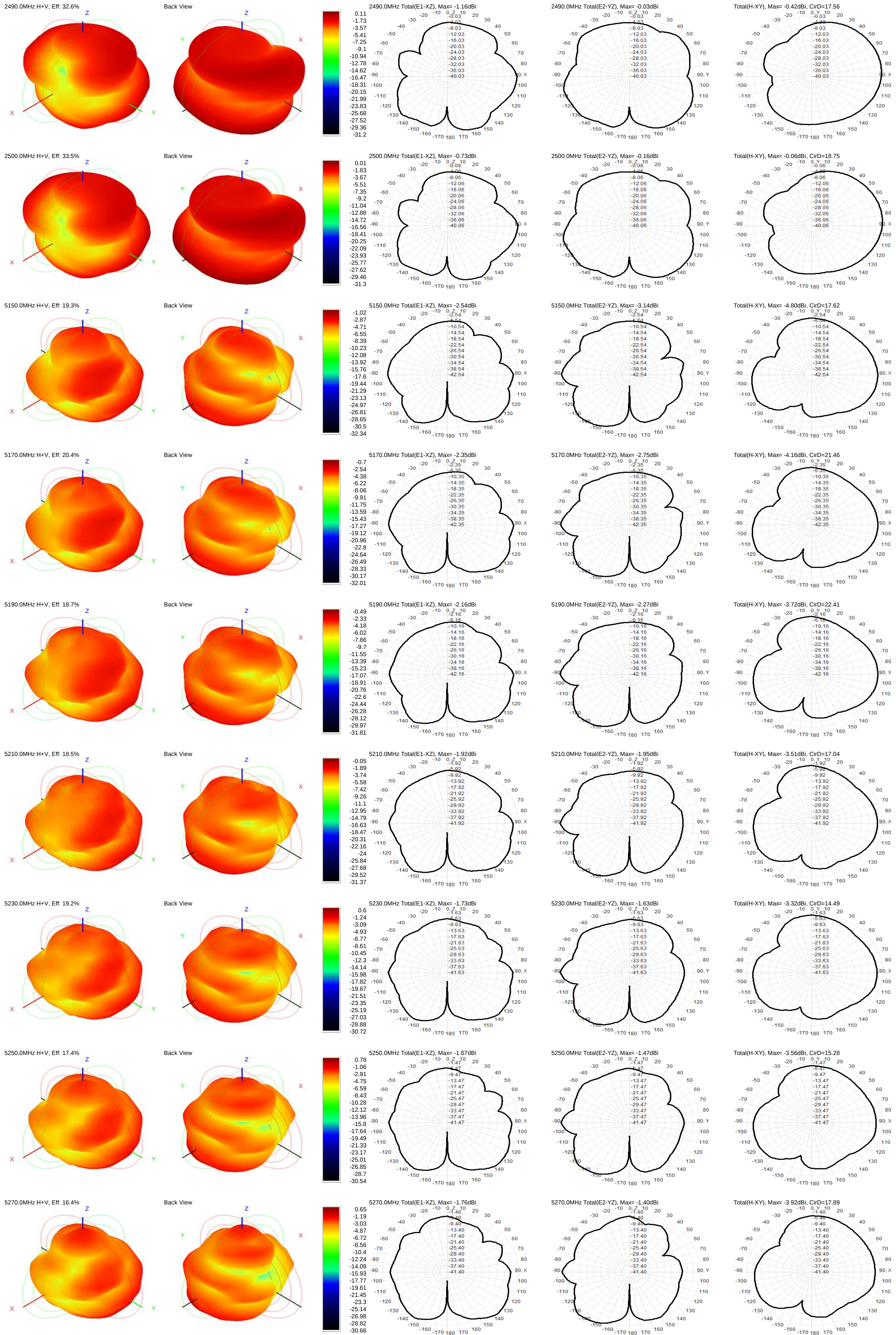


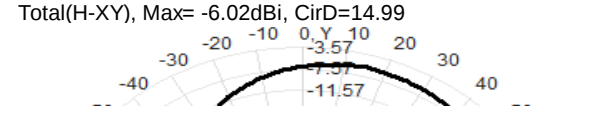
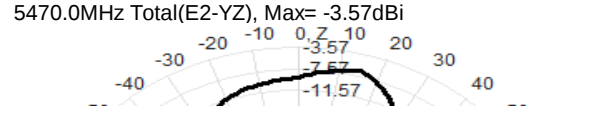
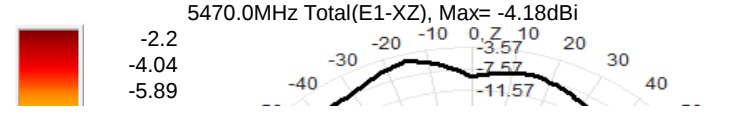
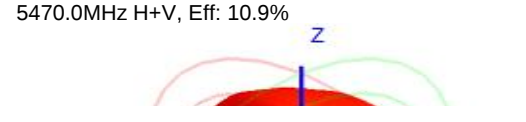
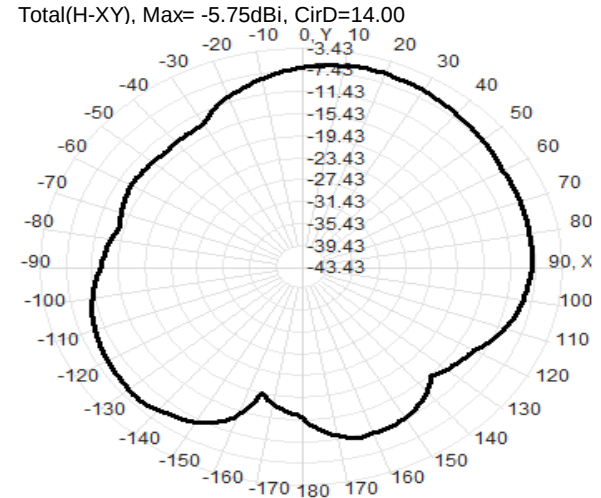
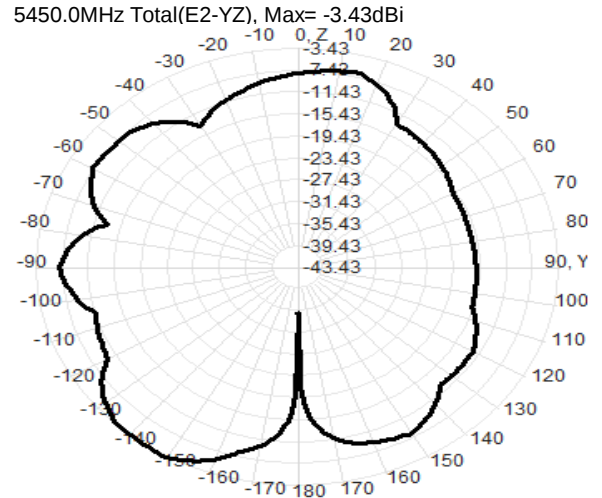
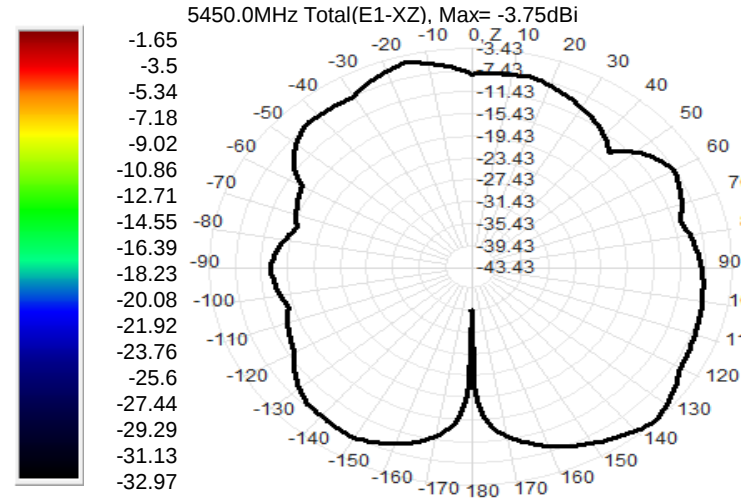
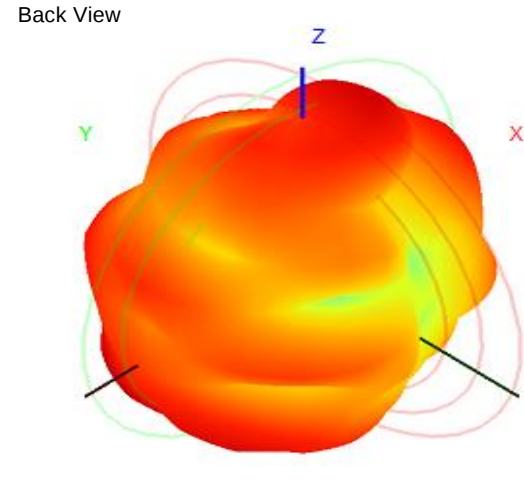
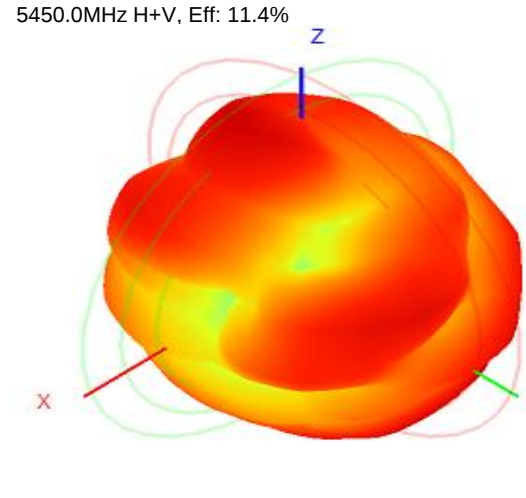
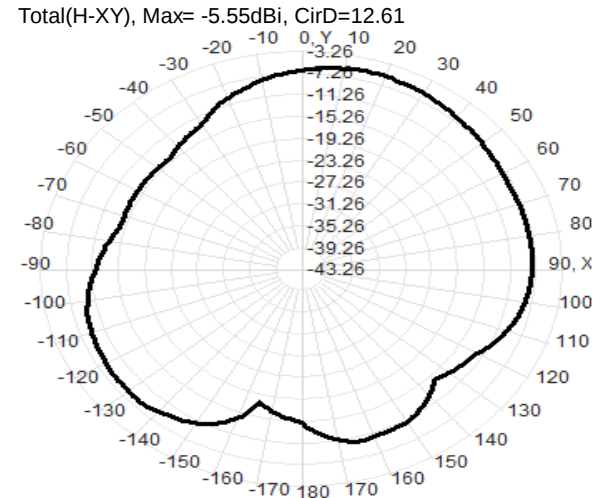
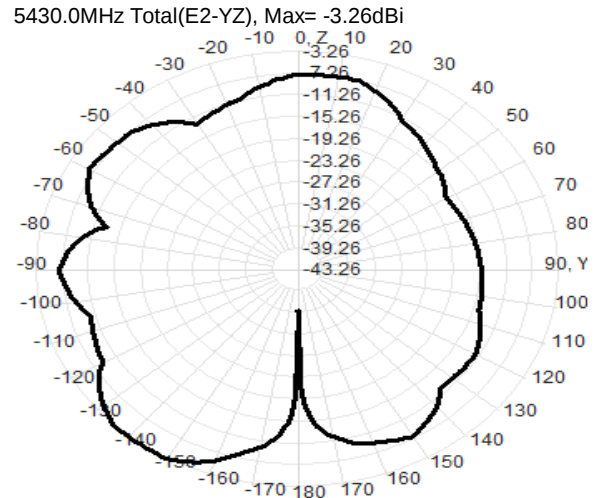
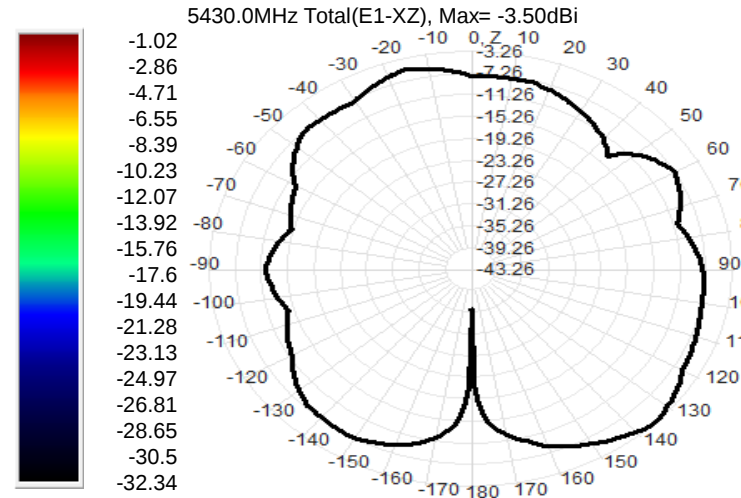
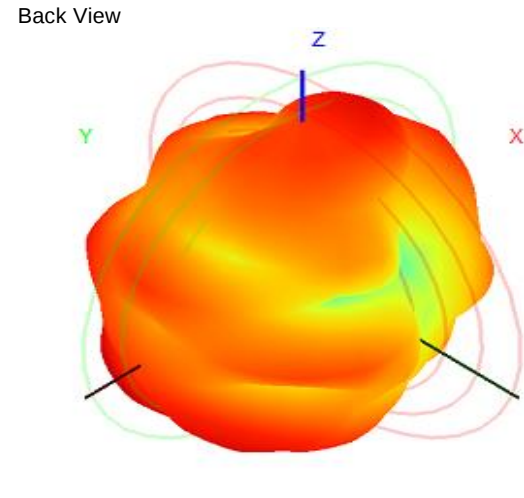
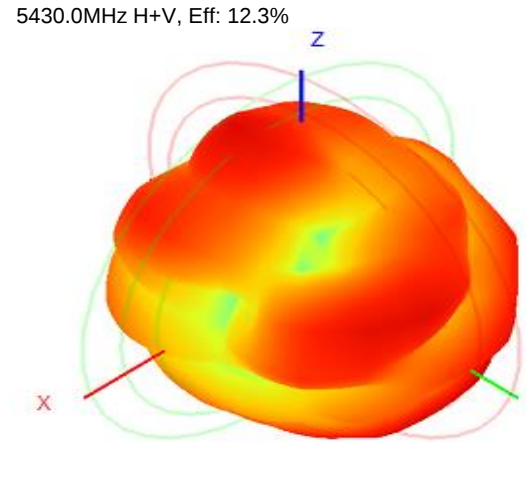
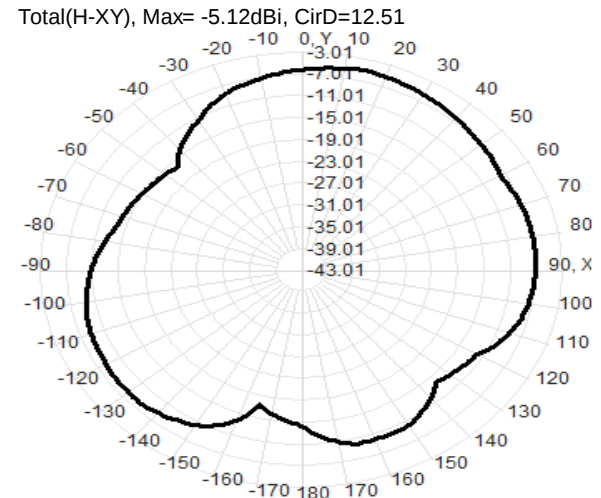
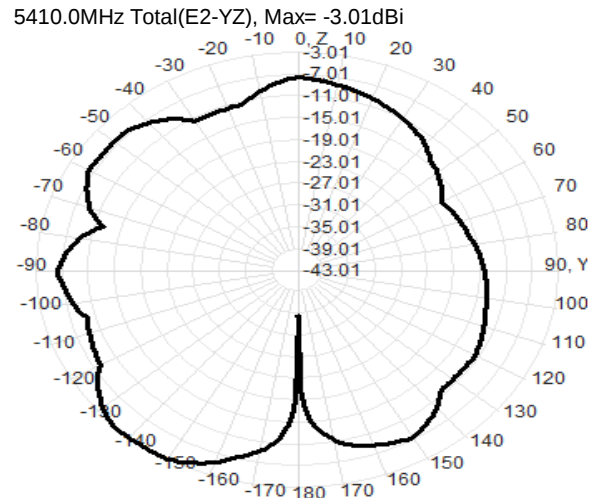
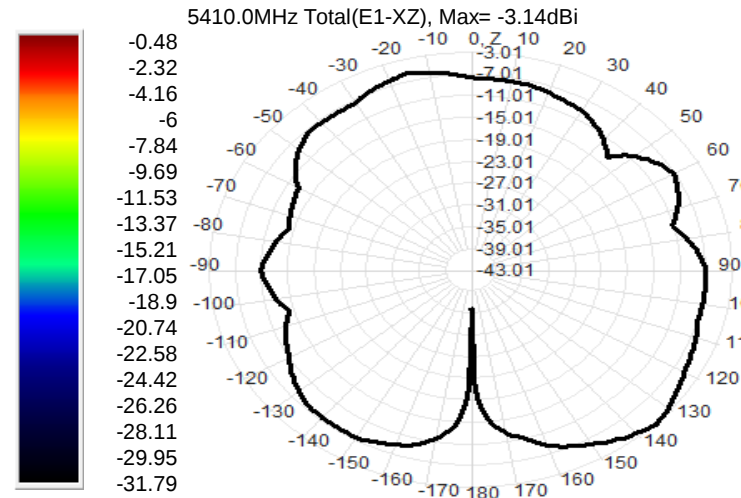
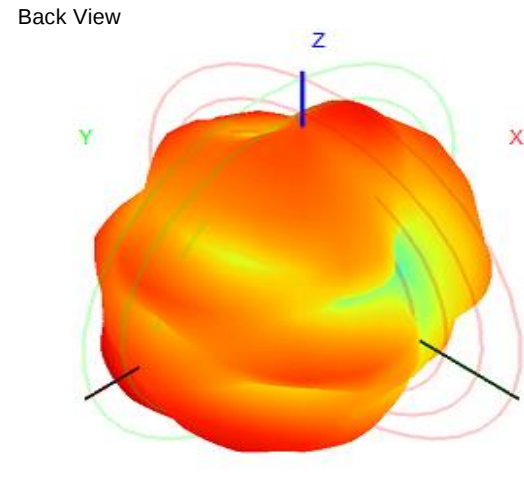
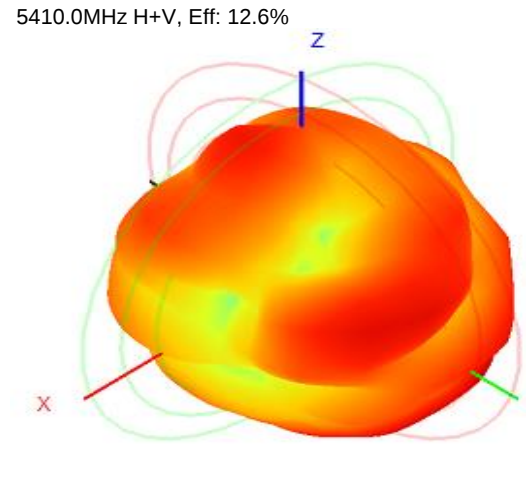
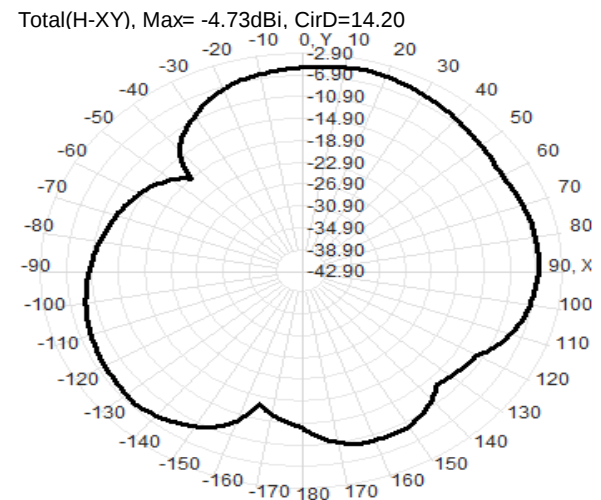
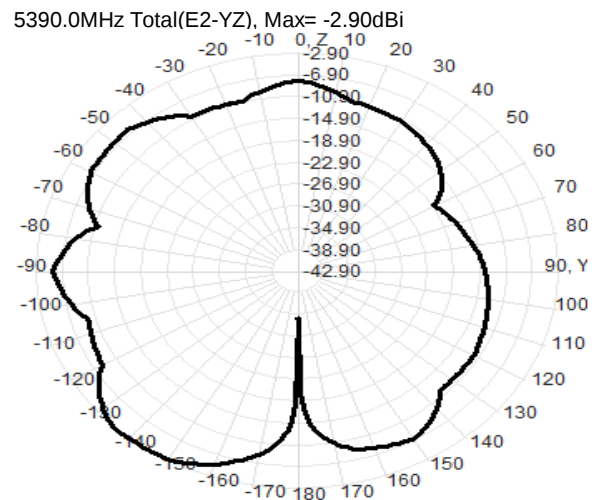
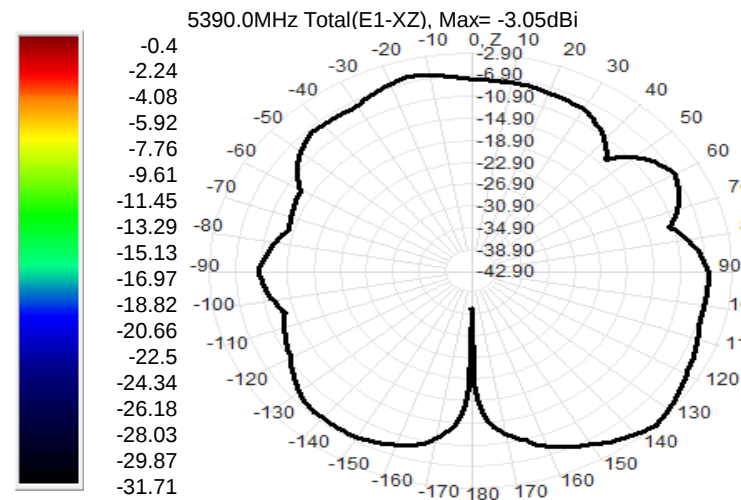
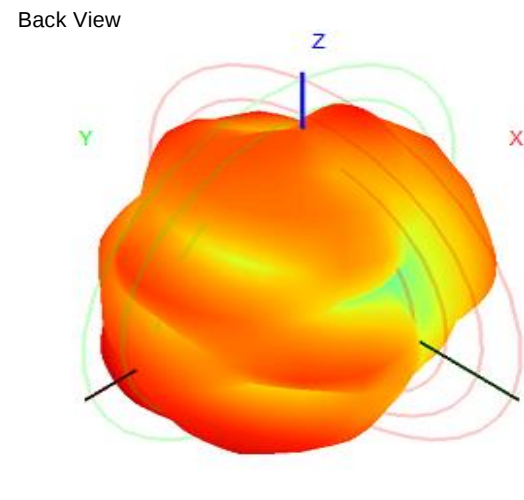
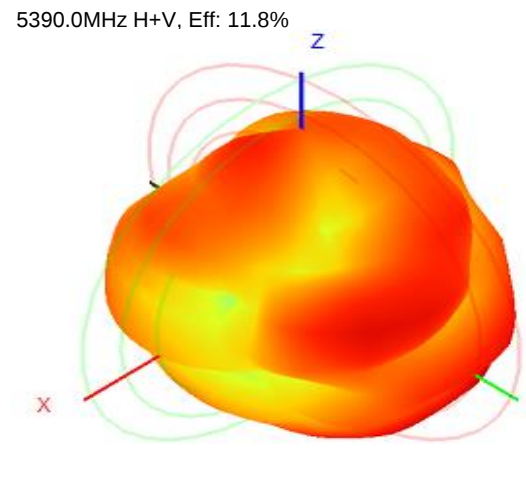
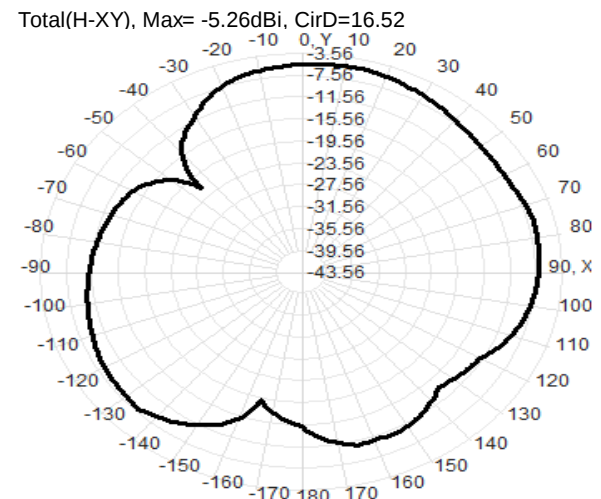
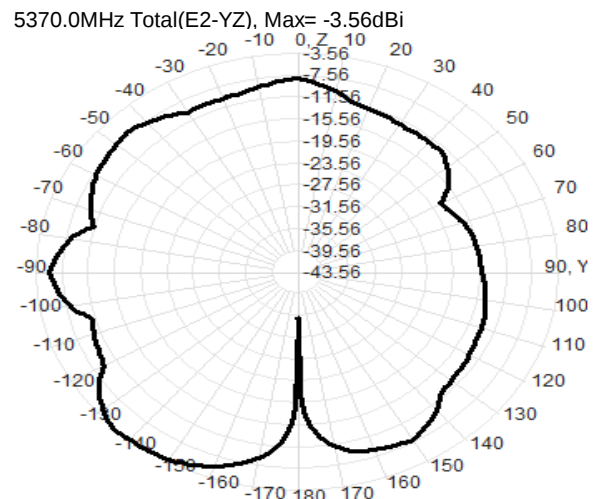
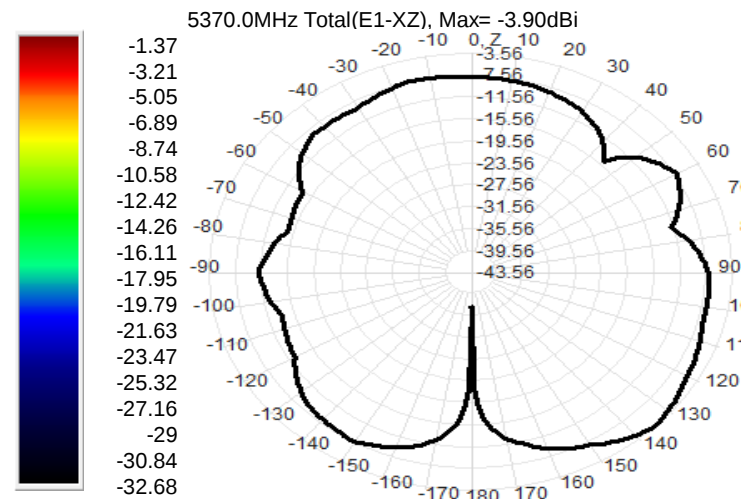
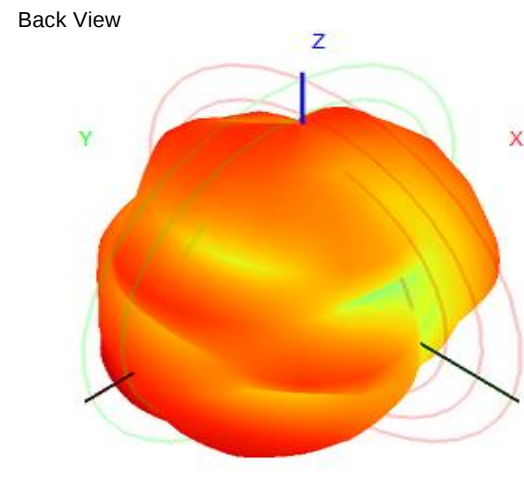
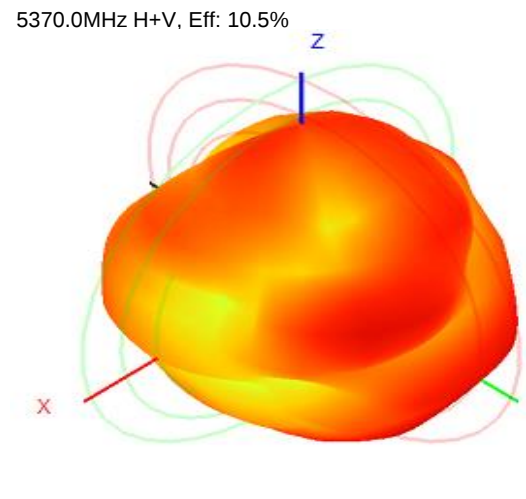
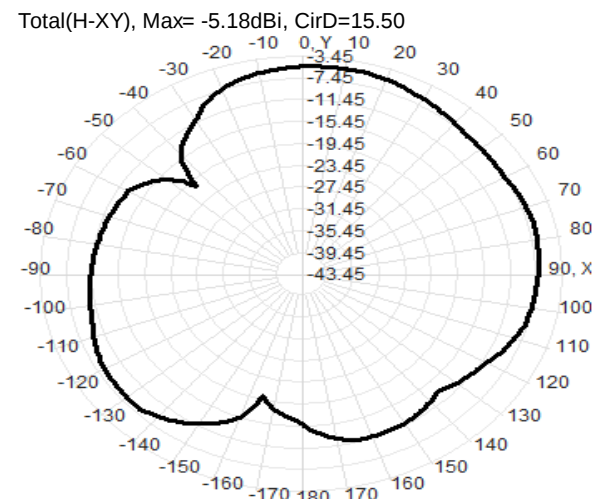
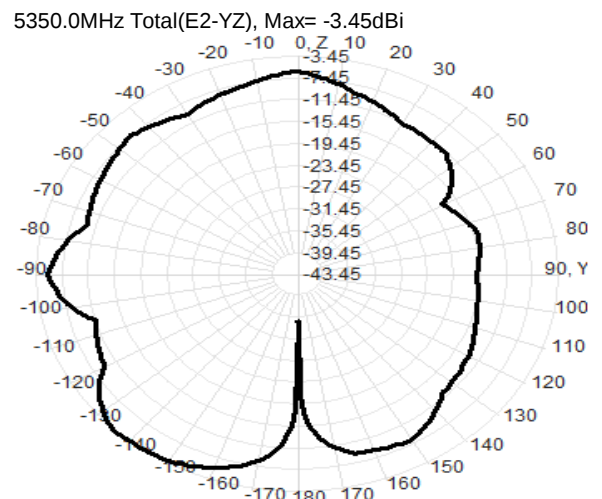
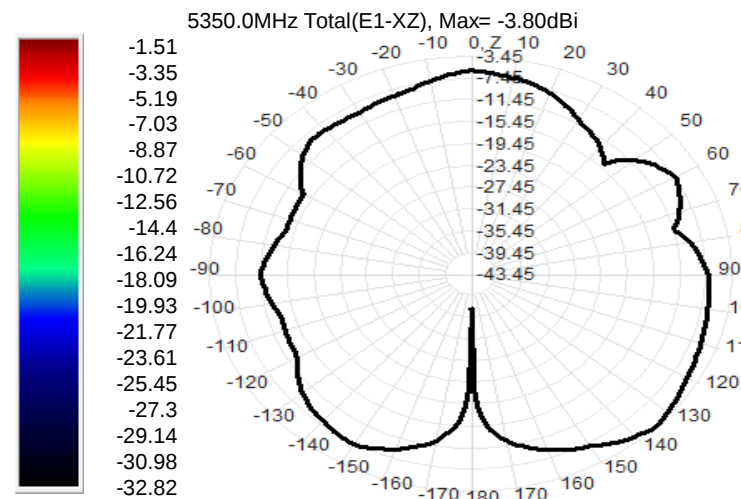
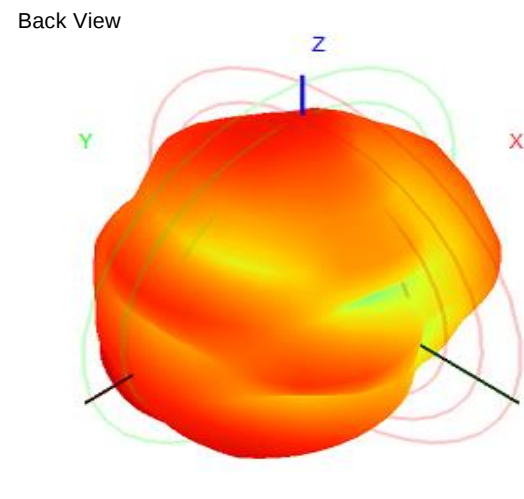
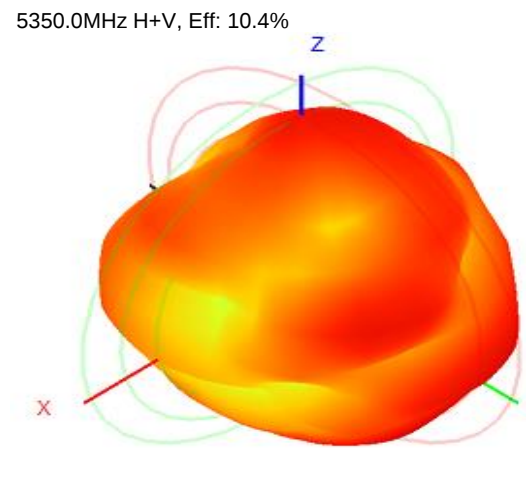
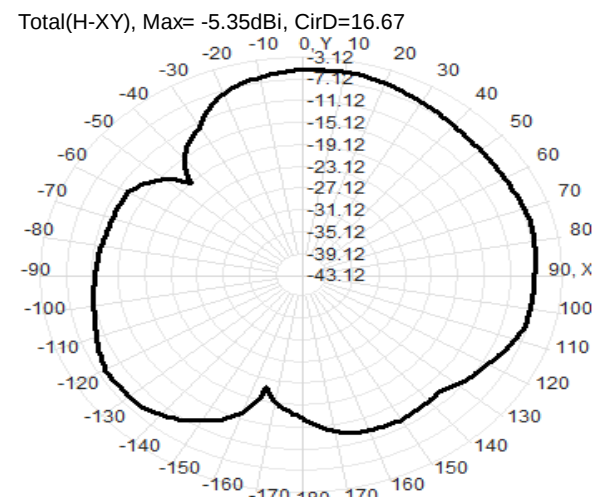
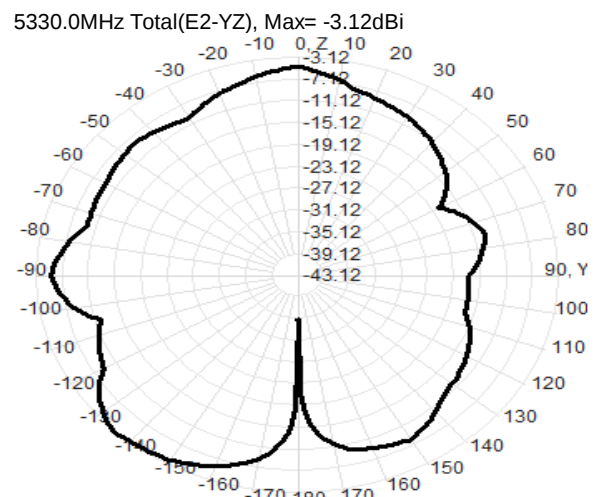
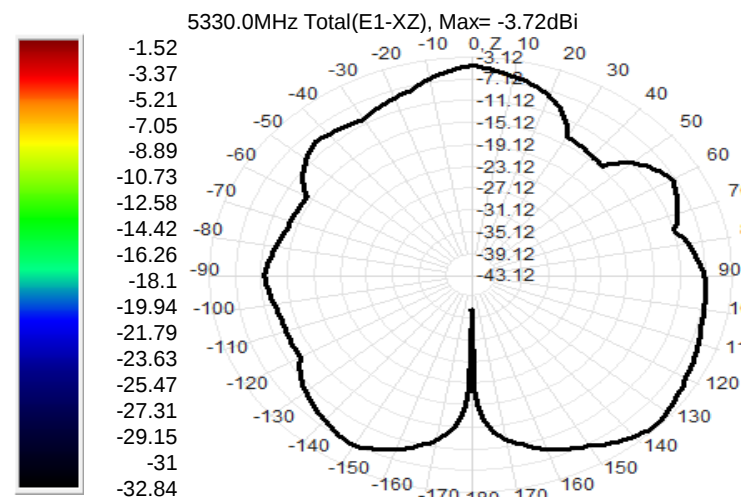
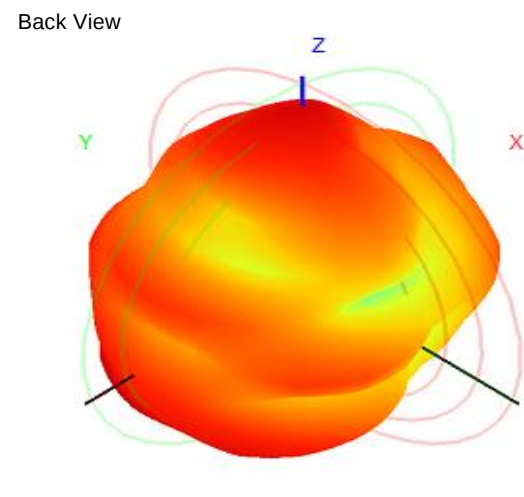
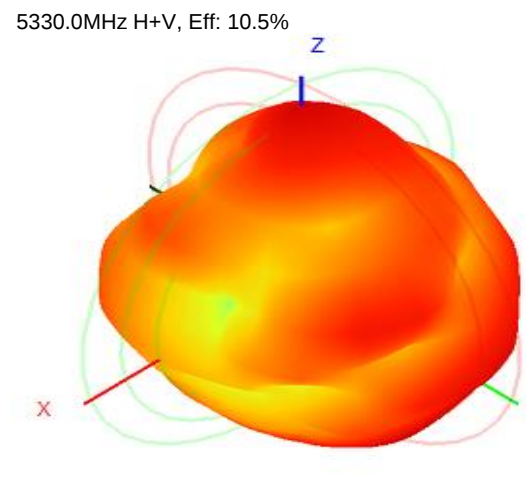
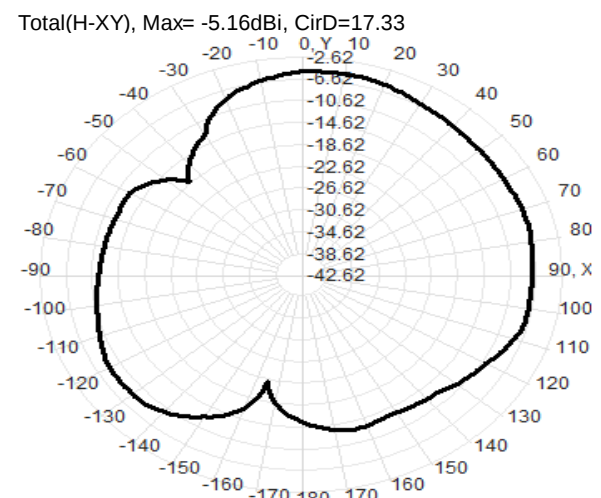
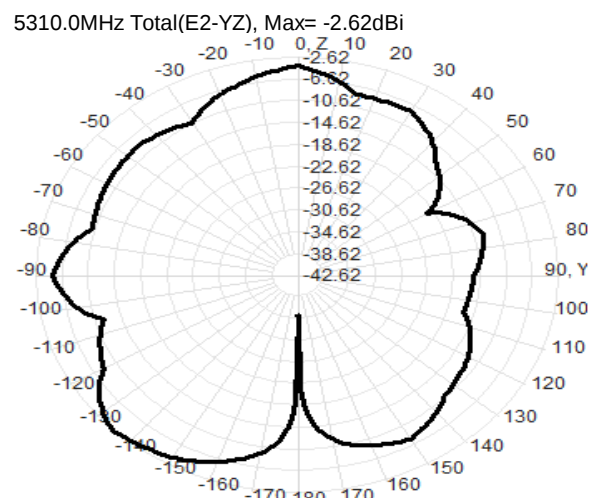
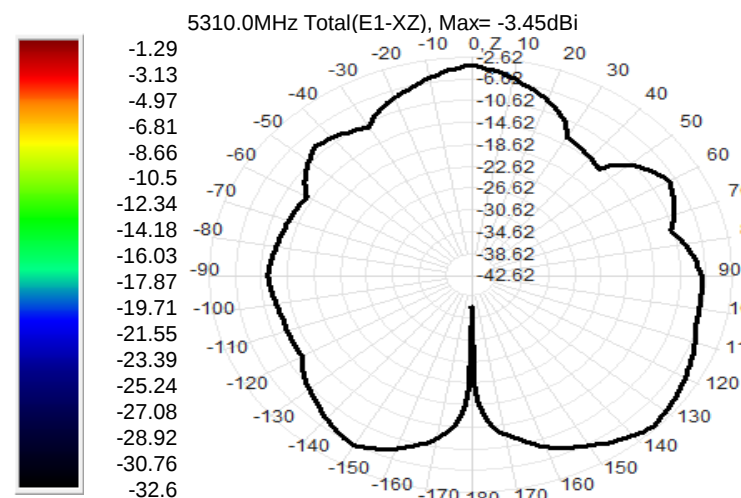
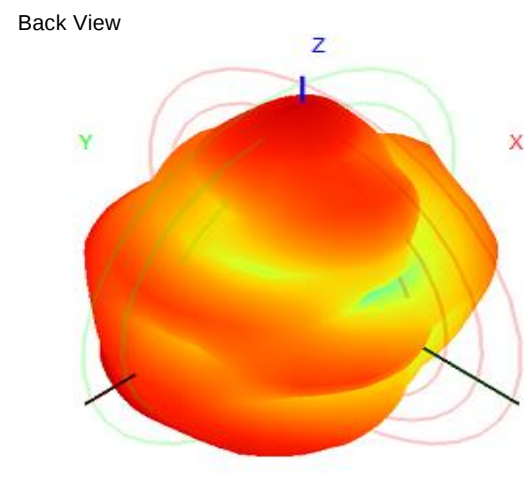
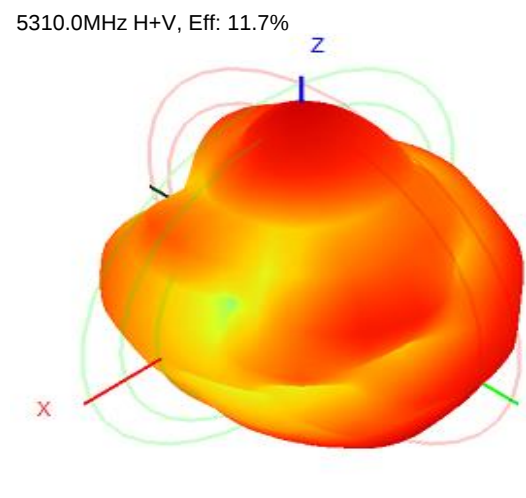
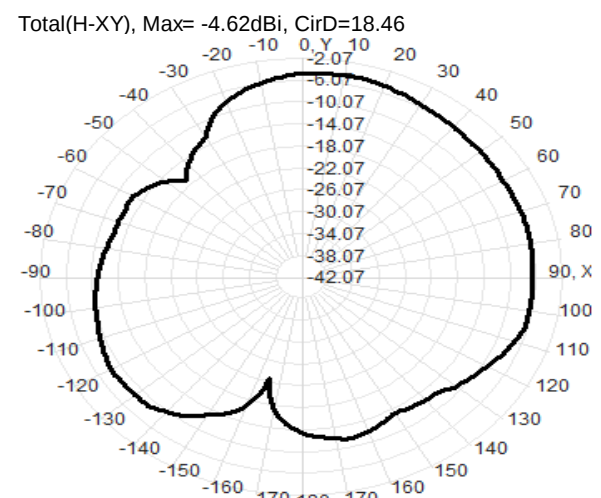
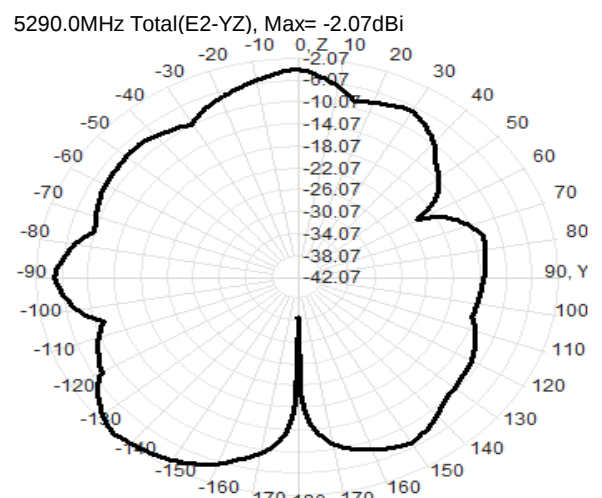
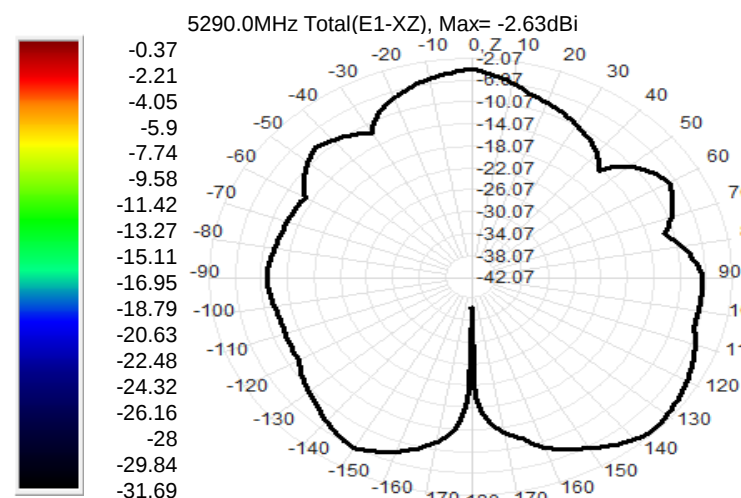
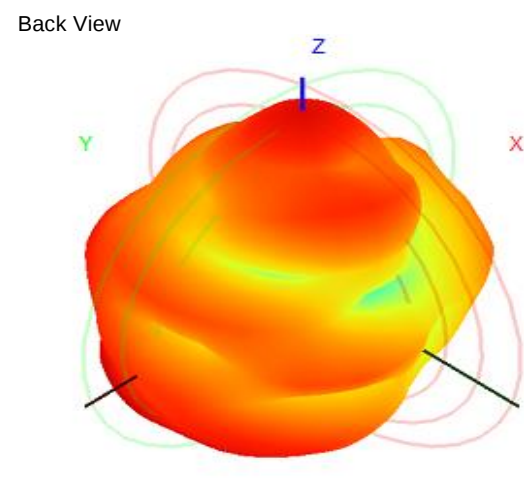
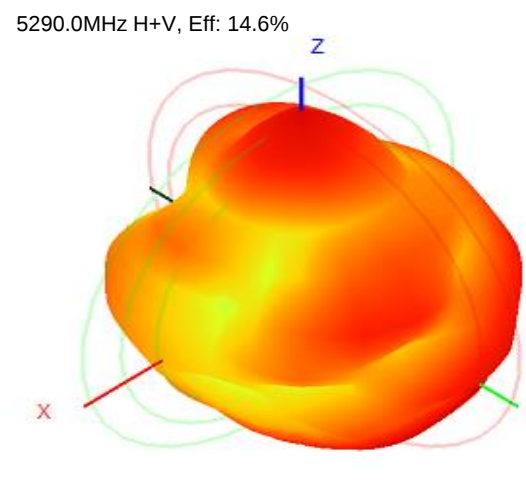
Antenna Model: Built-in FPC28*9-10cm-1 generation IPEX

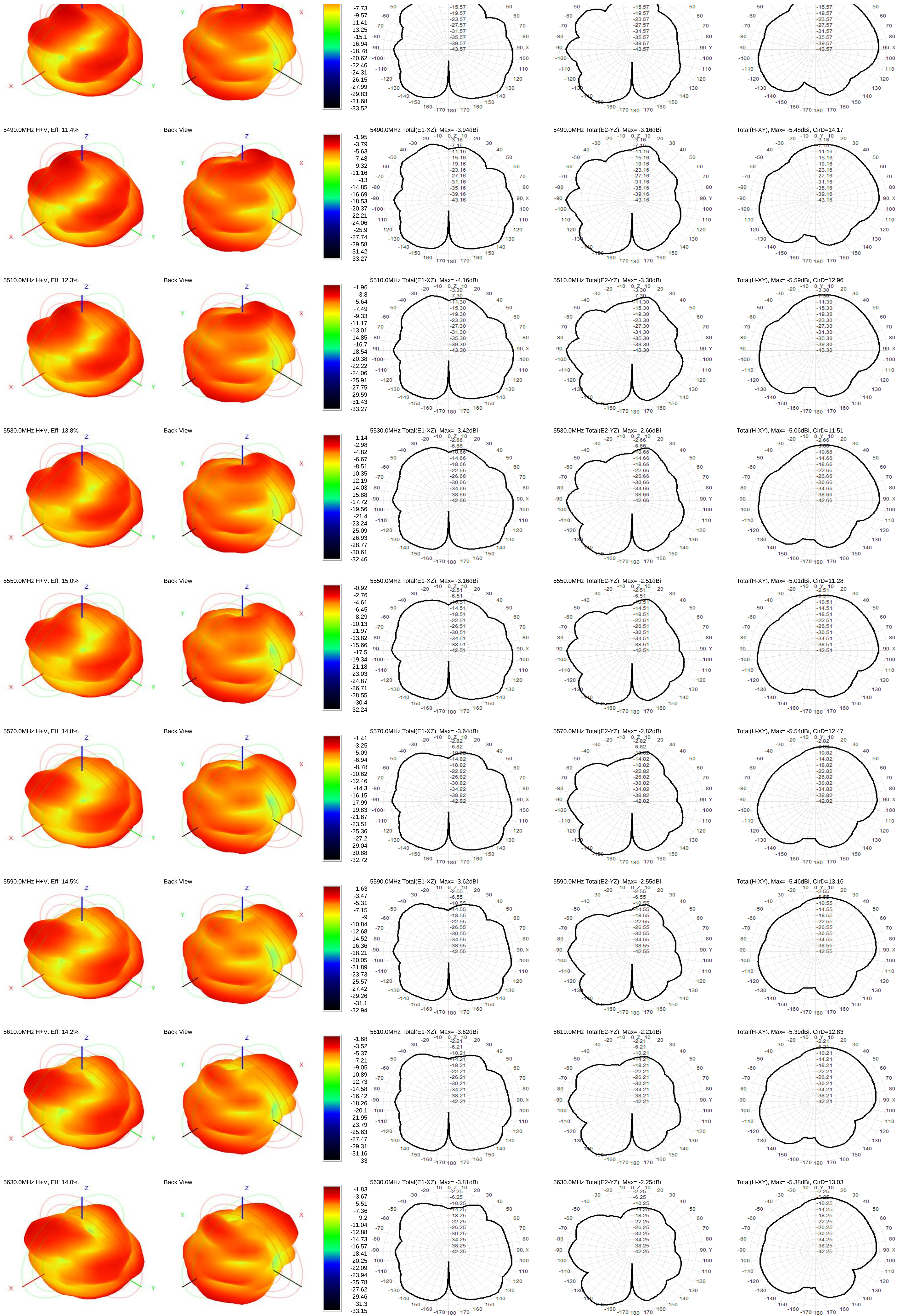
Efficiency (dBi)	-6.17	-6.13	-5.93	-6.01	-5.93	-5.64	-5.46	-5.41	-5.16	-4.87	-4.75	-4.75	-4.91	-4.77	-4.73	-4.71	-4.70	-4.66	-4.37	-4.32	-4.30	-4.27	-4.38	-4.09	-4.45	-4.62	-4.94	-4.09	-4.60	-4.23	-4.30	-4.39	-4.47	-4.53	-4.07	-7.72	-7.67	-7.51	-7.69	-7.96	-7.92	-7.89	-7.84	-7.58	-7.65			
Gain (dBi)	0.03	-0.28	-0.45	-0.48	-0.27	-0.12	0.06	0.10	-0.29	0.11	0.01	-1.02	-0.70	-0.49	-0.05	0.60	0.78	0.65	-0.37	-1.29	-1.52	-1.51	-1.37	-0.40	-0.48	-1.02	-1.65	-2.20	-1.95	-1.96	-1.14	-0.92	-1.41	-1.63	-1.68	-1.83	-1.71	-0.85	-0.37	-0.23	-0.60	-0.78	-0.42	-0.65	-0.36	-0.27	-0.26	
Efficiency (%)	24.13	24.35	25.53	25.07	25.52	27.31	28.42	28.76	30.50	32.60	33.46	19.26	20.39	18.75	18.51	19.19	17.36	16.38	14.56	11.68	10.46	10.40	10.48	11.84	12.65	12.34	11.36	10.91	11.38	12.34	13.80	15.05	14.79	14.47	14.24	14.02	15.61	16.89	17.10	17.75	17.01	16.00	16.13	16.26	16.46	17.45	17.19	
Directivity (dB)	6.21	5.85	5.48	5.53	5.66	5.51	5.53	5.52	5.44	4.98	4.77	6.13	6.21	6.78	7.27	7.77	8.38	8.51	8.00	6.40	5.28	5.32	5.43	6.87	8.50	8.07	7.79	7.42	7.49	7.13	7.46	7.30	6.89	6.77	6.78	6.70	6.36	6.87	7.30	7.28	7.09	7.17	7.50	7.24	7.47	7.31	7.39	
Peak Gain Position (Theta)	90.00	90.00	90.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	150.00	150.00	150.00	120.00	120.00	120.00	120.00	120.00		
Peak Gain Position (Phi)	135.00	135.00	135.00	255.00	255.00	255.00	255.00	255.00	255.00	255.00	255.00	150.00	150.00	150.00	135.00	135.00	135.00	135.00	135.00	150.00	150.00	150.00	135.00	135.00	135.00	135.00	150.00	150.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	90.00	90.00	90.00	135.00	135.00	135.00
Efficiency ThetaPol (%)	13.45	13.44	13.97	13.64	13.89	14.84	15.36	15.40	16.19	17.26	17.68	11.11	11.48	10.25	10.01	10.44	9.54	9.08	8.05	6.42	5.72	5.71	5.75	6.51	7.03	6.99	6.49	6.26	6.50	7.00	7.76	8.47	8.37	8.28	8.21	8.16	9.03	9.71	9.85	10.24	9.82	9.38	9.54	9.60	9.64	10.23	10.10	
Efficiency PhiPol (%)	10.68	10.91	11.57	11.42	11.63	12.47	13.06	13.36	14.31	15.35	15.79	8.16	8.91	8.49	8.50	8.75	7.82	7.29	6.51	5.26	4.74	4.70	4.73	5.33	5.61	5.35	4.86	4.65	4.87	5.33	6.04	6.58	6.43	6.19	6.03	5.86	6.58	7.18	7.25	7.51	7.19	6.62	6.58	6.66	6.82	7.23	7.09	
Upper Hem. Efficiency (%)	8.07	7.94	8.16	8.04	8.39	9.38	10.32	10.59	11.96	12.92	13.15	7.19	7.58	6.97	6.87	7.12	6.35	5.84	5.19	4.23	3.84	3.83	3.81	4.33	4.50	4.48	4.27	4.18	4.35	4.63	5.06	5.40	5.22	5.09	5.04	5.09	5.76	6.19	6.09	6.17	5.85	5.50	5.60	5.71	5.77	5.99	5.74	
Lower Hem. Efficiency (%)	16.06	16.42	17.38	17.02	17.13	17.93	18.10	17.77	18.55	19.68	20.32	12.08	12.82	11.78	11.64	12.07	11.02	10.53	9.37	7.26	6.63	6.58	6.66	7.61	8.15	7.86	7.09	6.72	7.03	7.71	8.74	9.65	9.58	9.38	9.19	8.93	9.86	10.70	11.02	11.57	11.16	10.50	10.53	10.55	10.69	11.46	11.46	
T90(H)角度	15.50	15.14	15.62	16.04	16.16	16.11	16.19	16.28	16.86	17.56	18.75	17.62	21.46	22.41	17.04	14.49	15.28	17.89	18.46	17.33	16.67	15.50	16.52	14.20	12.51	12.61	14.00	14.99	14.17	12.96	11.51	11.28	12.47	13.16	12.83	13.03	13.29	12.98	12.16	12.56	12.27	12.09	12.47	13.39	12.23	10.52	9.92	
Gain 15deg (dBi)																																																
E1(XZ)波瓣宽度	41.00	43.00	47.00	34.00	32.00	31.00	30.00	30.00	31.00	31.00	40.00	38.00	39.00	40.00	41.00	41.00	38.00	37.00	38.00	41.00	43.00	48.00	43.00	39.00	36.00	36.00	33.00	32.00	30.00	29.00	30.00	30.00	31.00	30.00	31.00	30.00	31.00	30.00	31.00	30.00	30.00	30.00	31.00	32.00	30.00			
E1(XZ)前后比	1.28	0.92	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	3.84	3.50	3.19	3.43	3.88	3.89	3.94	3.58	3.31	3.39	3.37	3.35	3.28	3.24	3.02	2.76	2.67	2.89	3.15	3.14	2.92	2.73	2.78	2.68	2.72	2.57	2.53	2.68	3.02	2.99	2.77	2.72	2.76	2.48	2.53	2.69	
E2(YZ)波瓣宽度	61.00	60.00	59.00	58.00	56.00	54.00	52.00	51.00	51.00	52.00	53.00	40.00	39.00	38.00	38.00	37.00	36.00	34.00	33.00	34.00	37.00	39.00	38.00	38.00	37.00	36.00	34.00	33.00	34.00	34.00	35.00	36.00	34.00	33.00	31.00	30.00	30.00	32.00	33.00	31.00	29.00	28.00	27.00	29.00	29.00	26.00		
E2(YZ)前后比	0.00	0.00	0.00	0.00	0.14	0.39	0.67	0.84	0.97	1.04	0.98	1.00	0.77	0.68	0.72	0.73	1.10	1.49	1.57	1.63	1.01	0.56	0.53	0.29	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
最大增益处轴比(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	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	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	1.50		
仰角10度最差(大)轴比(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	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	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	1.50	1.50	
Hc(XY)波瓣宽度	115.00	116.00	118.00	118.00	118.00	117.00	116.00	112.00	109.00	106.00		69.00	61.00	55.00	58.00	64.00	134.00	132.00	129.00	129.00	131.00	129.00	124.00	123.00	111.00	108.00	108.00	107.00	104.00	96.00	87.00	91.00	97.00	89.00	92.00	66.00	63.00	68.00	72.00	71.00	63.00	59.00	59.00	58.00				
Hc(XY)前后比	5.98	5.80	5.64	5.49	5.44	5.36	5.49	5.72	5.96	6.20	6.40	8.62	8.93	8.32	7.35	6.55	6.14	6.44	7.03	7.61	7.13	6.73	5.70	5.30	5.02	5.03	5.11	5.23	5.22	4.81	4.57	4.72	4.88	4.80	4.61	4.34	4.29	4.39	4.45	4.28	4.29	4.08	4.02	3.86	3.47	3.32	3.63	

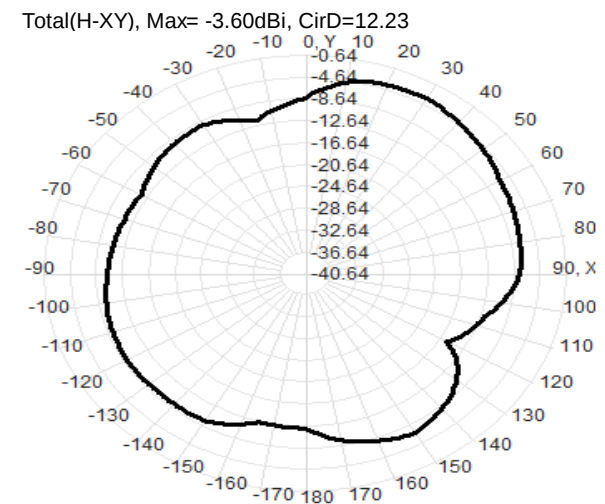
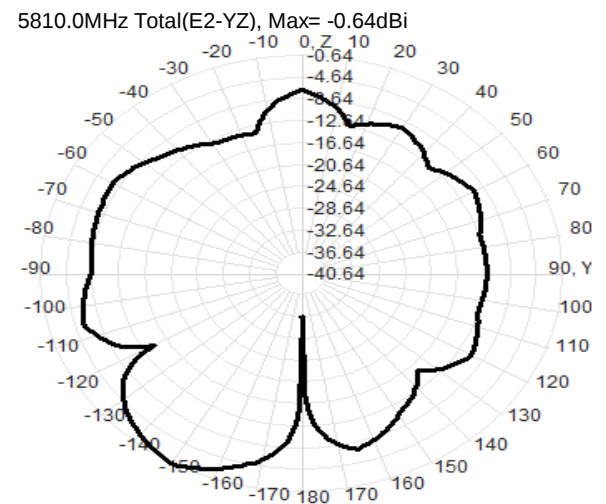
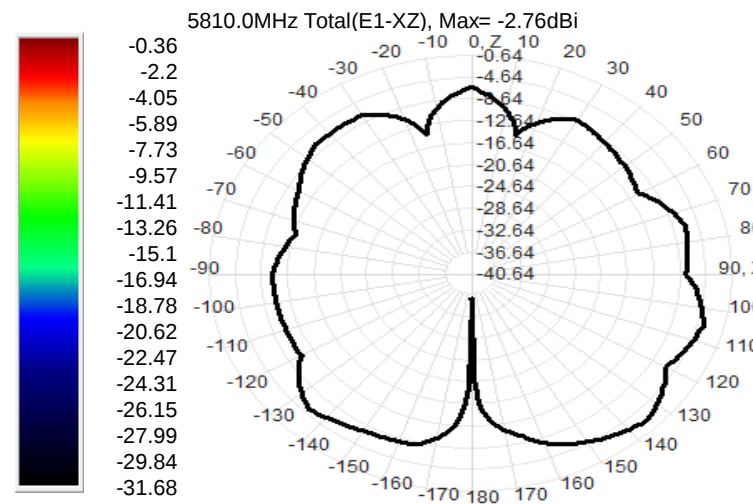
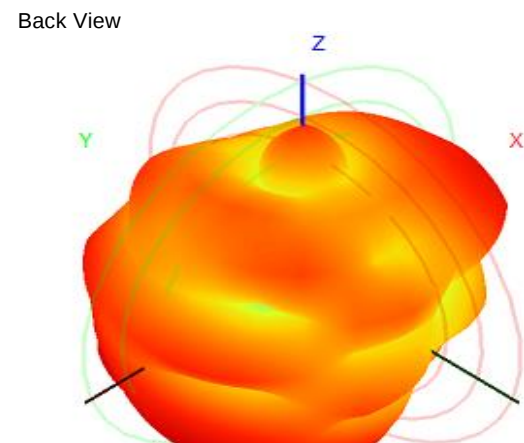
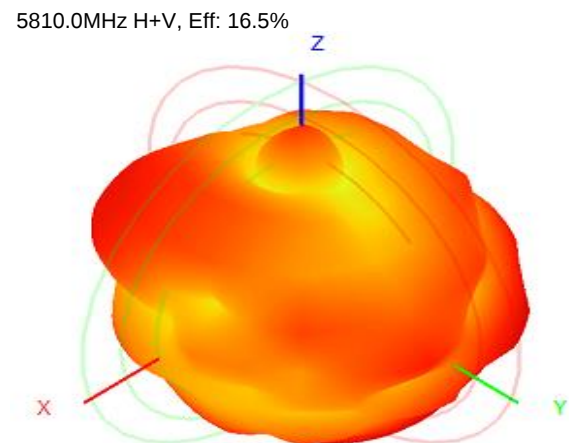
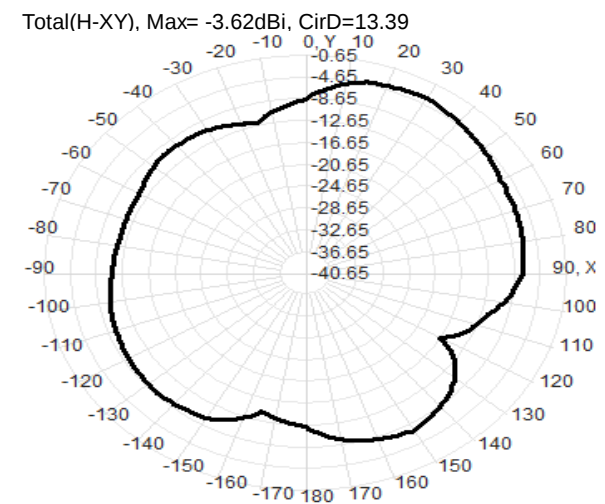
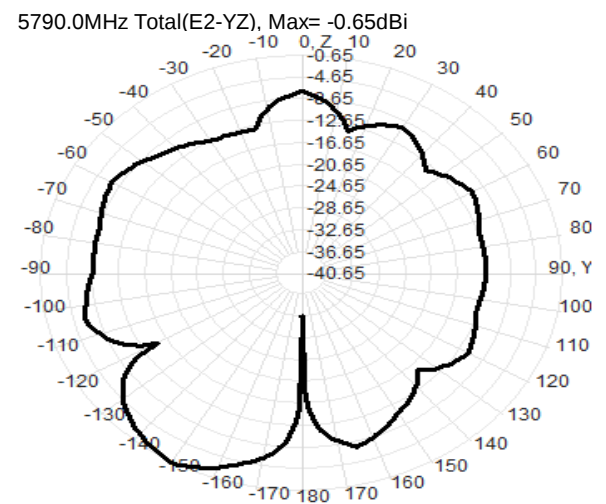
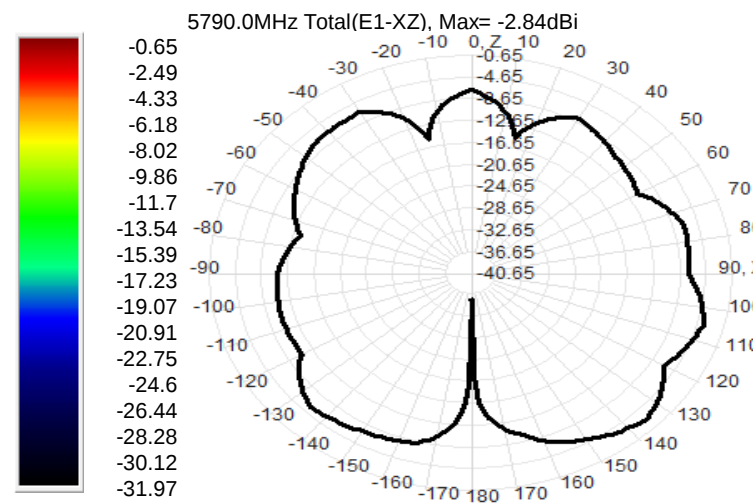
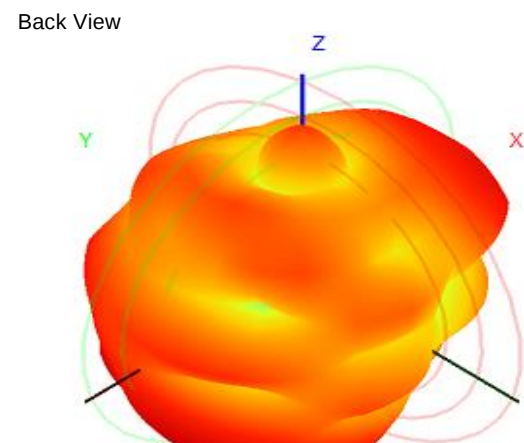
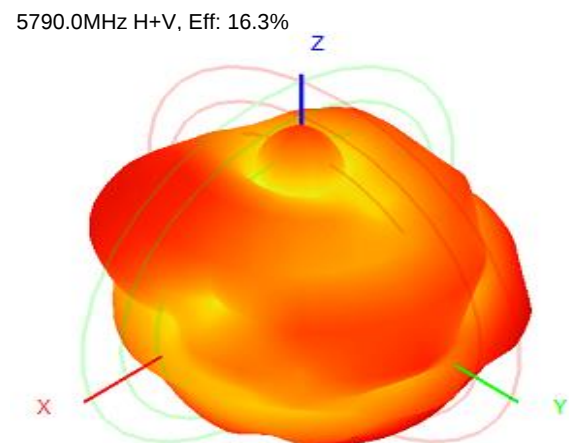
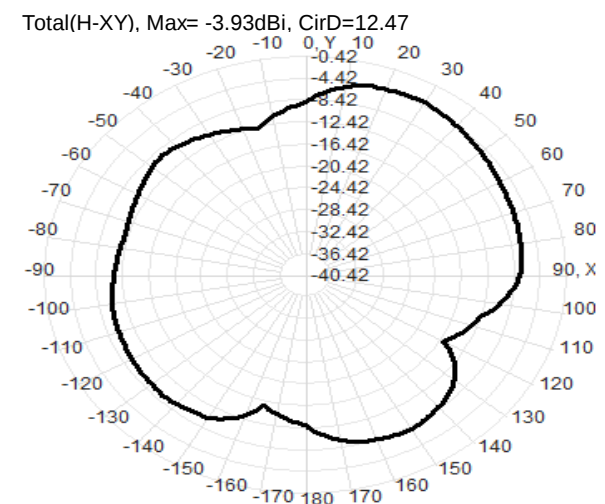
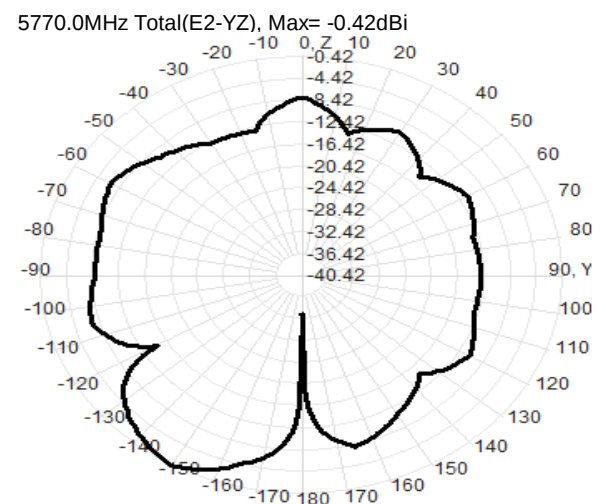
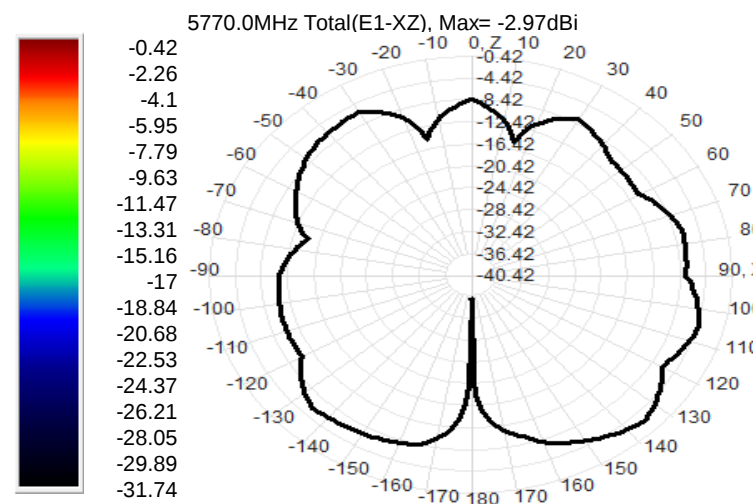
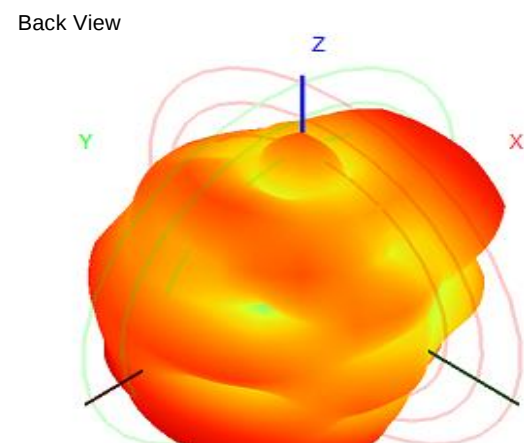
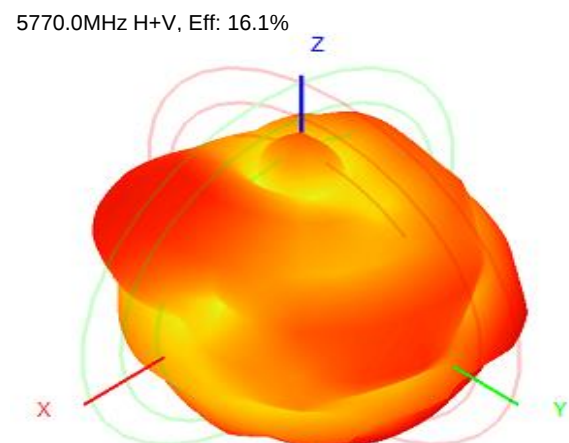
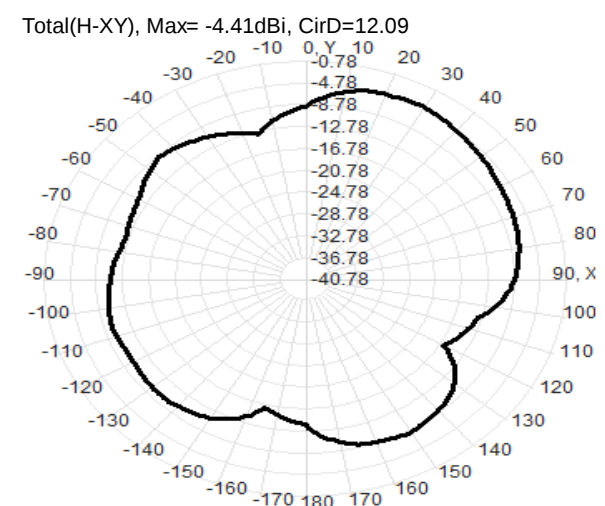
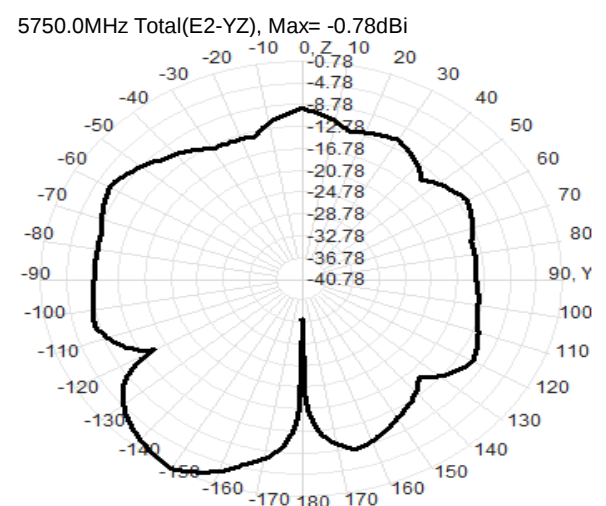
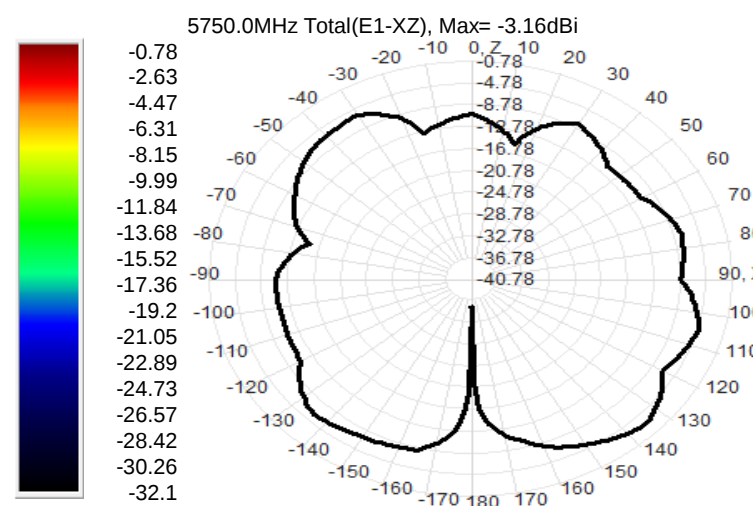
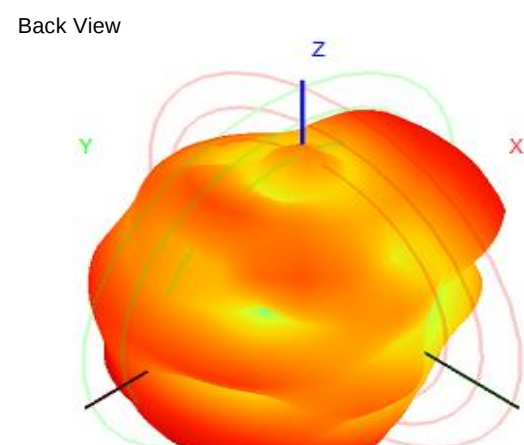
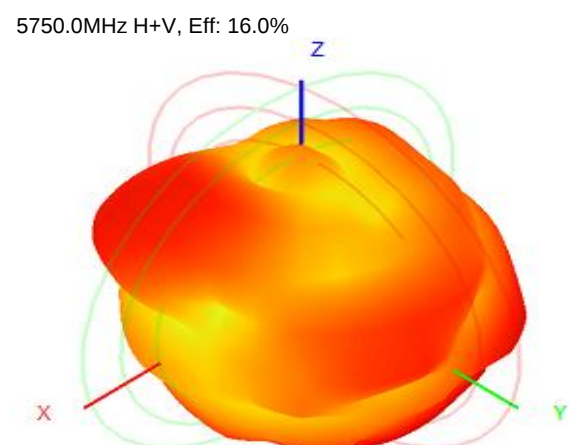
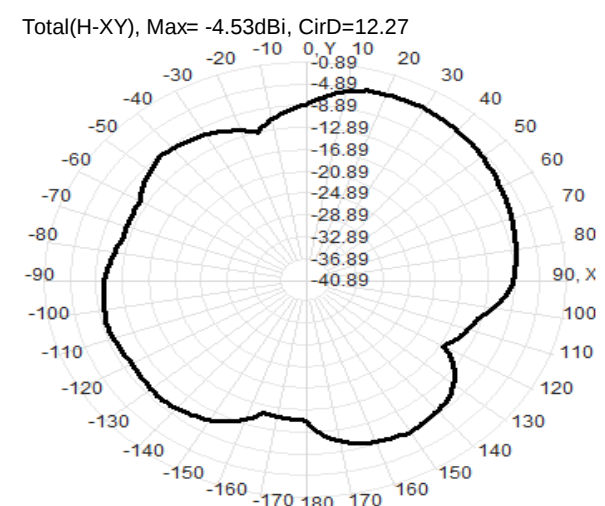
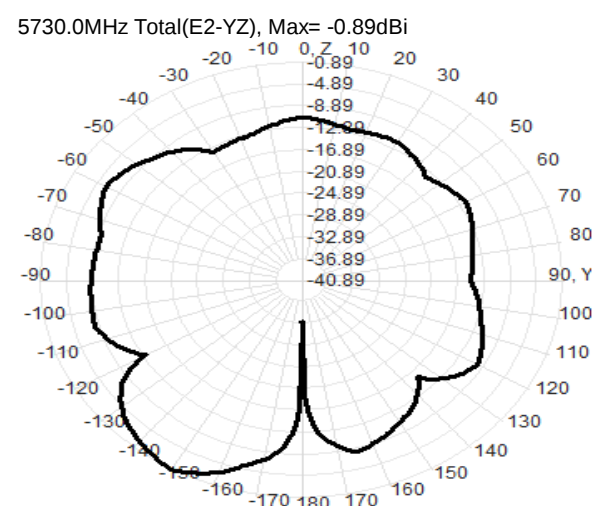
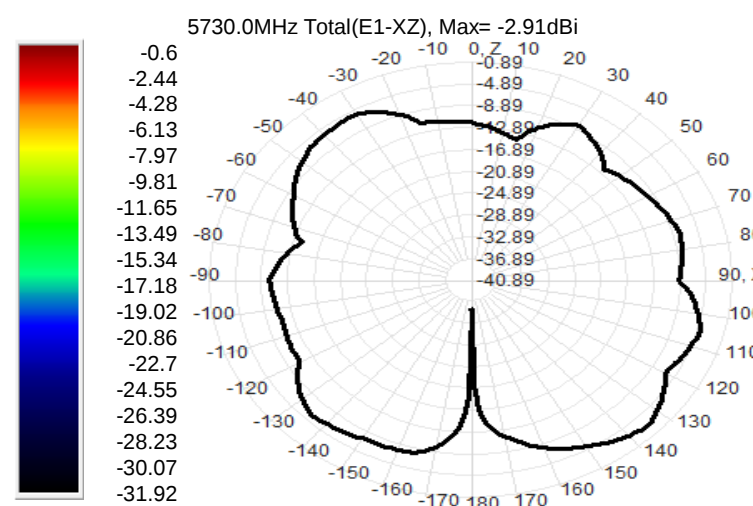
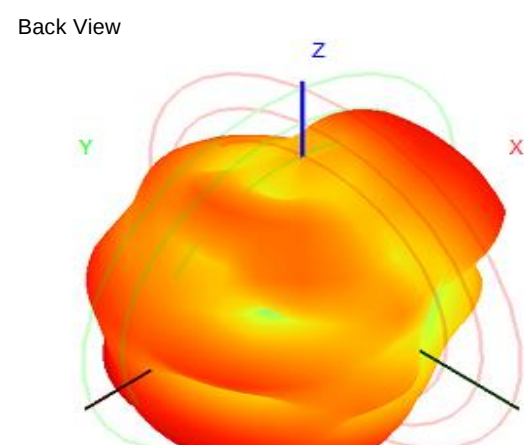
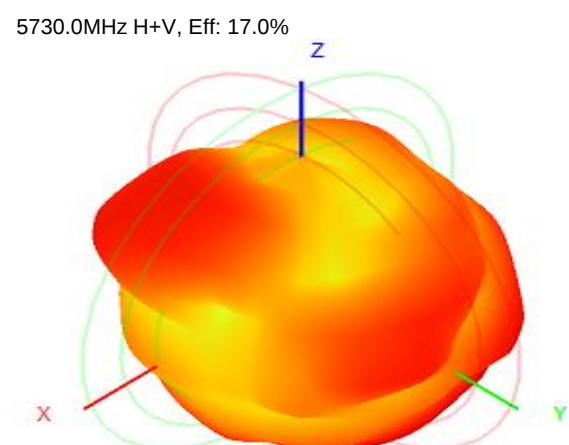
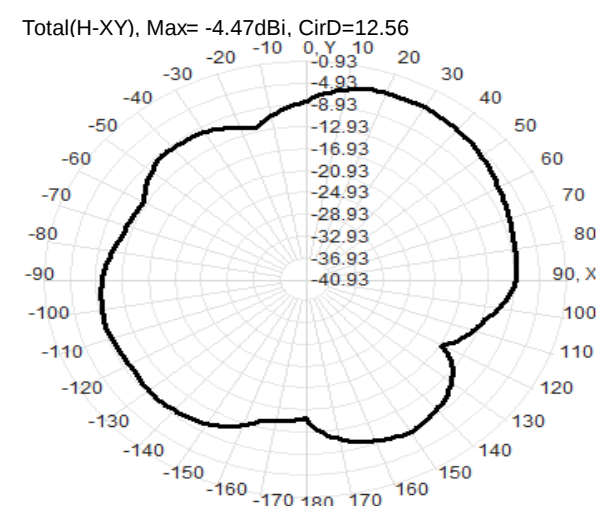
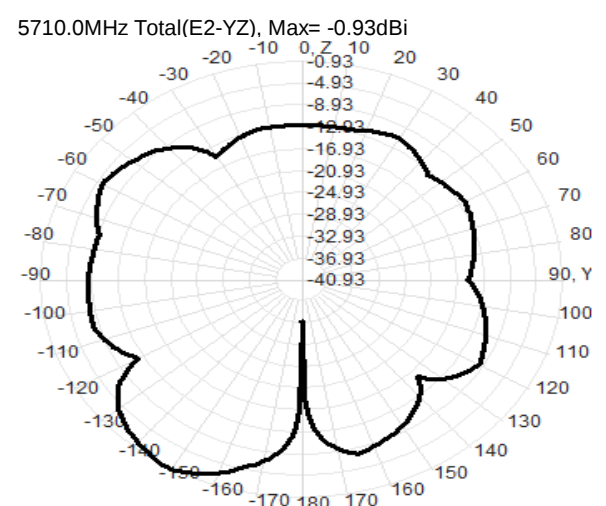
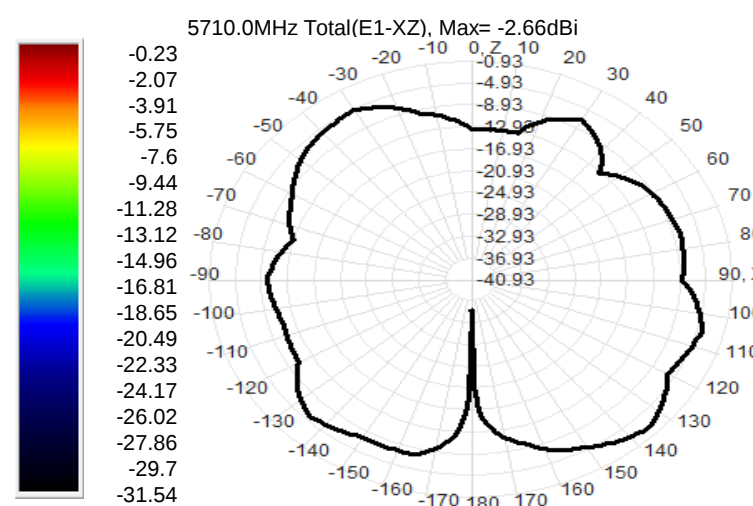
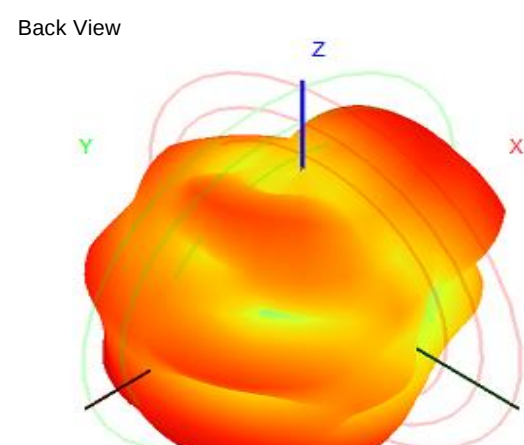
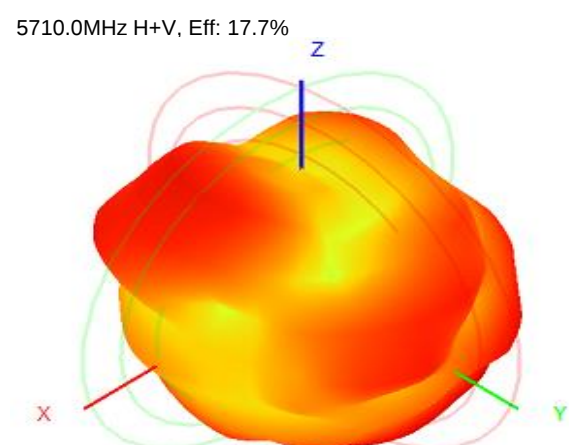
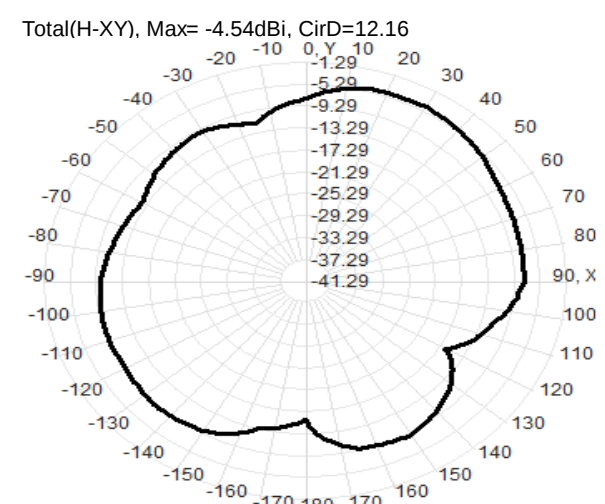
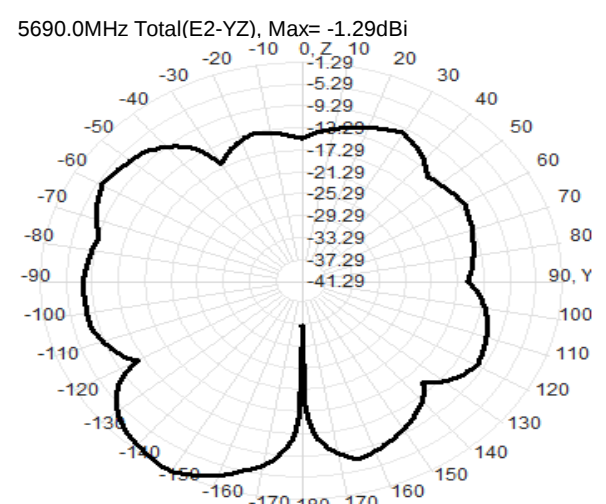
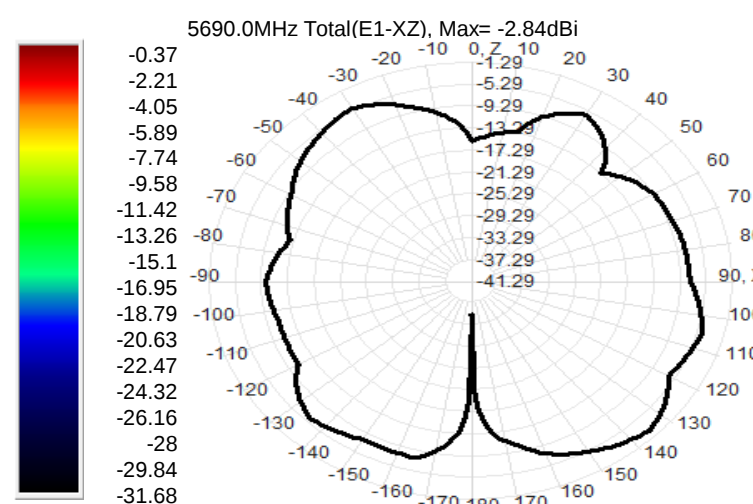
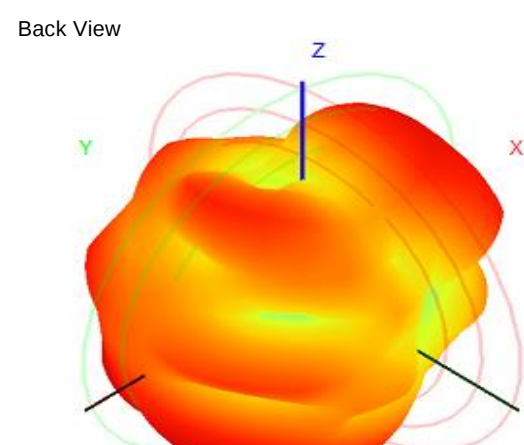
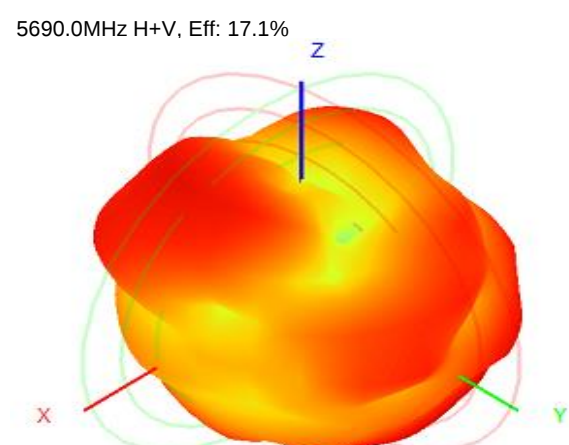
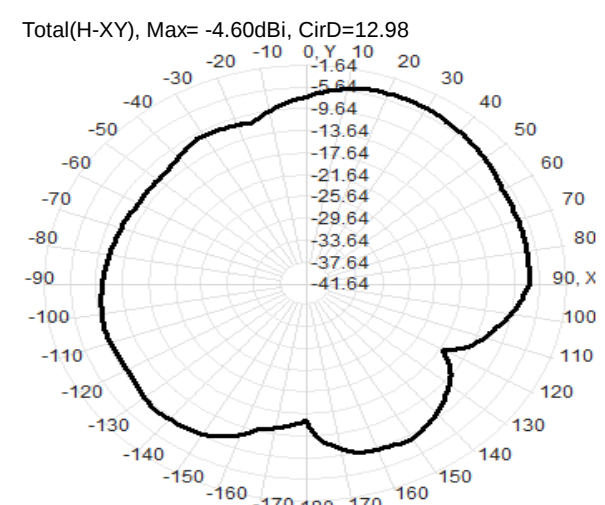
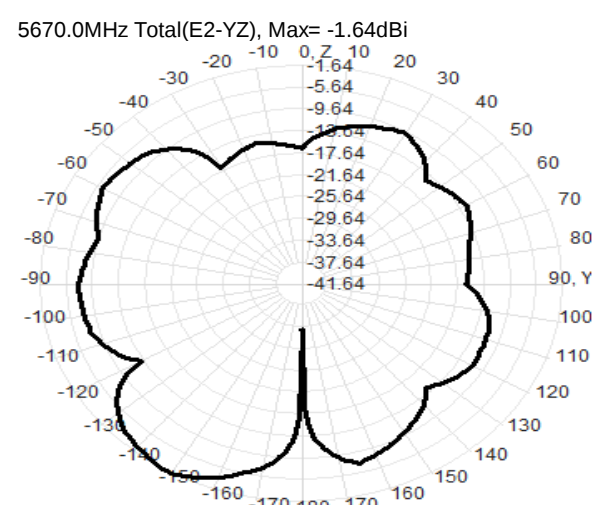
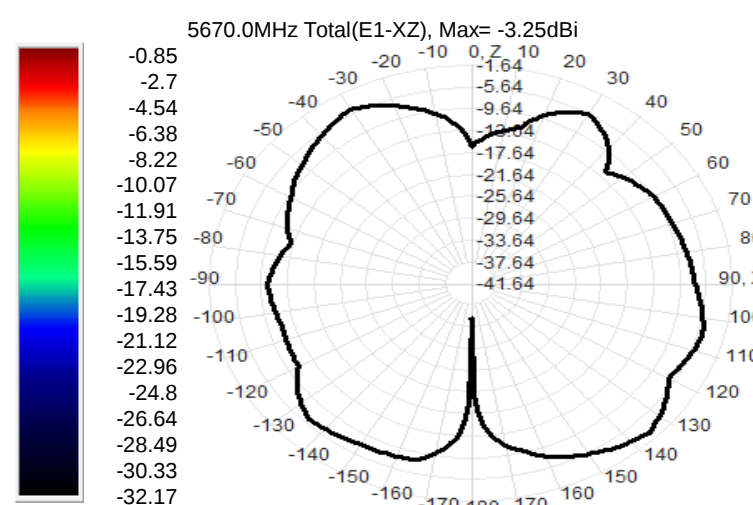
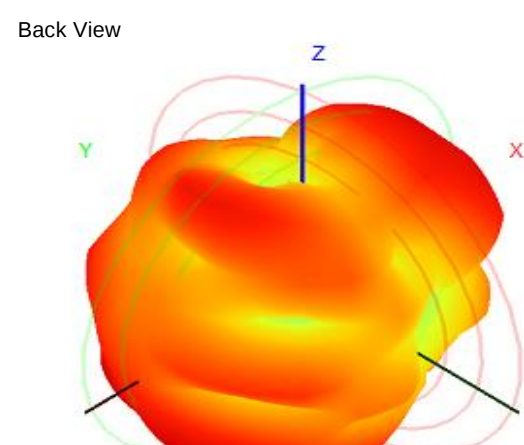
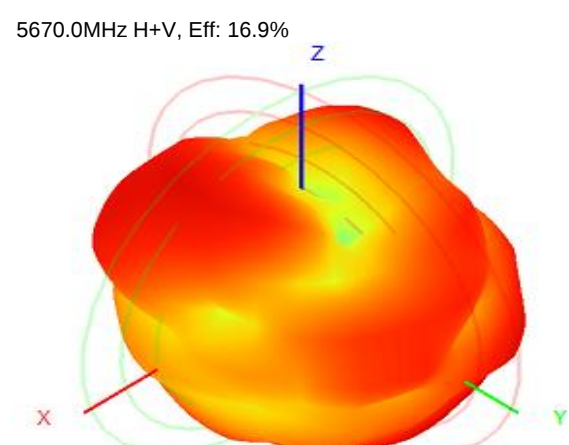
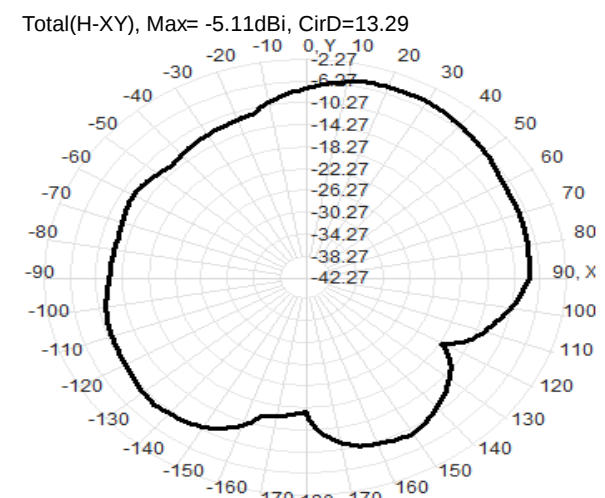
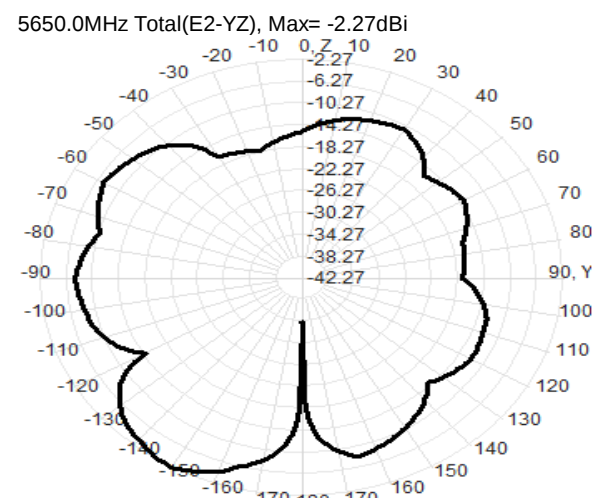
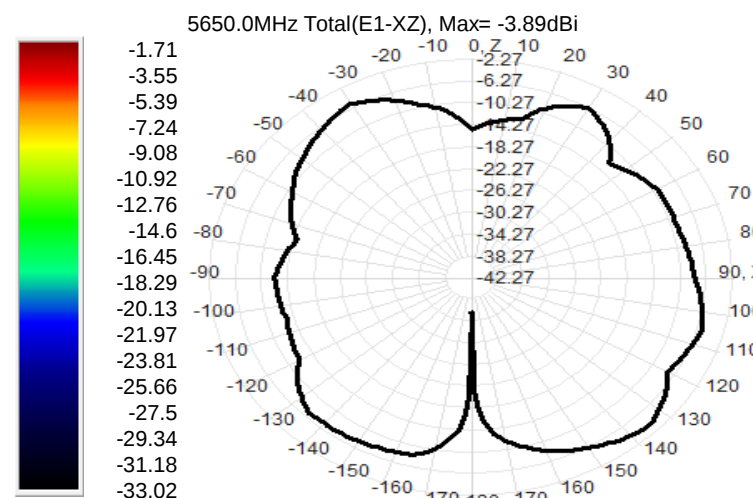
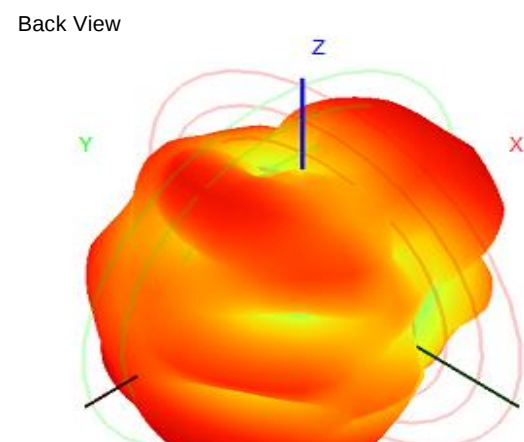
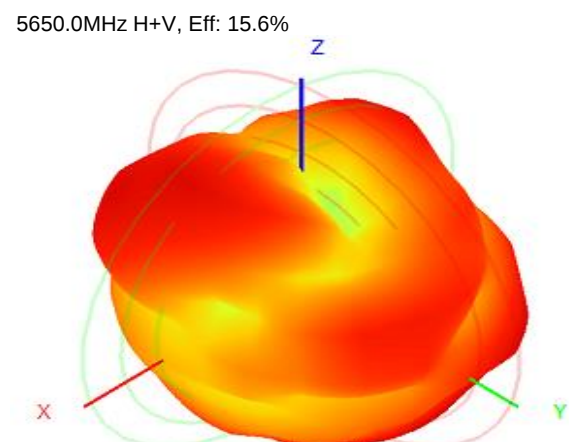




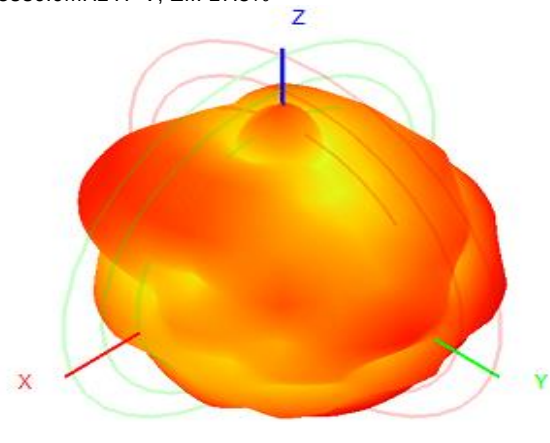




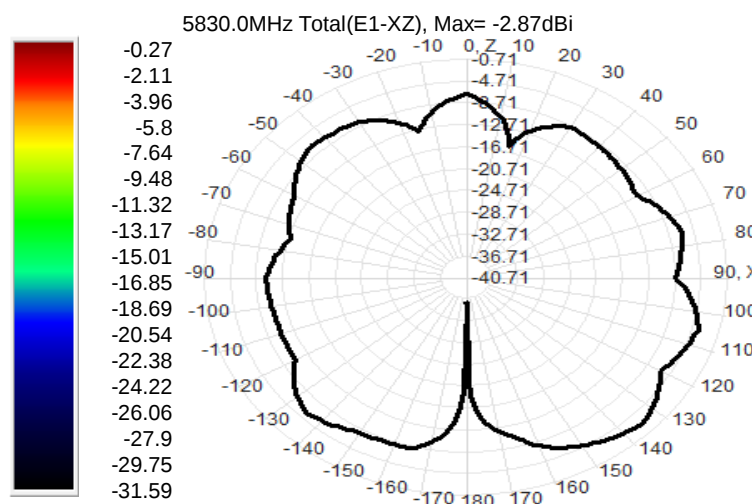
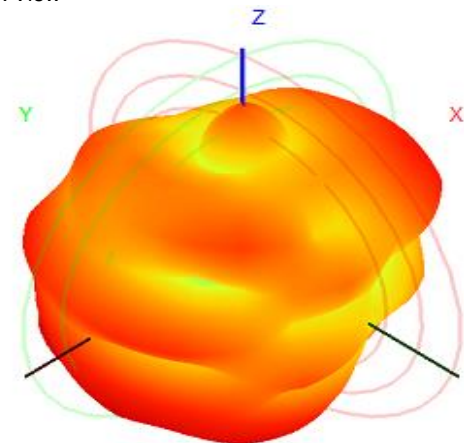




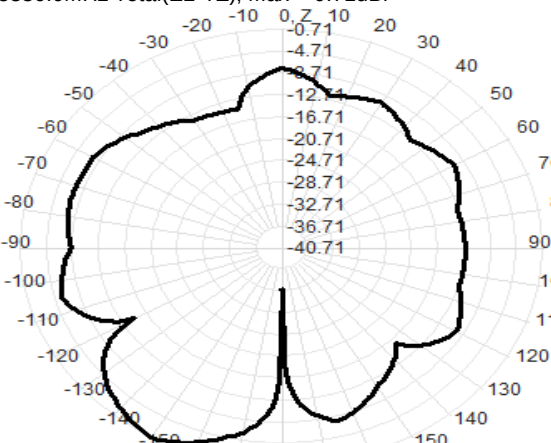
5830.0MHz H+V, Eff: 17.5%



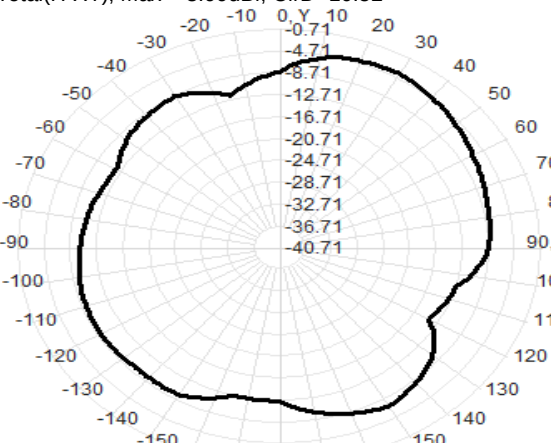
Back View



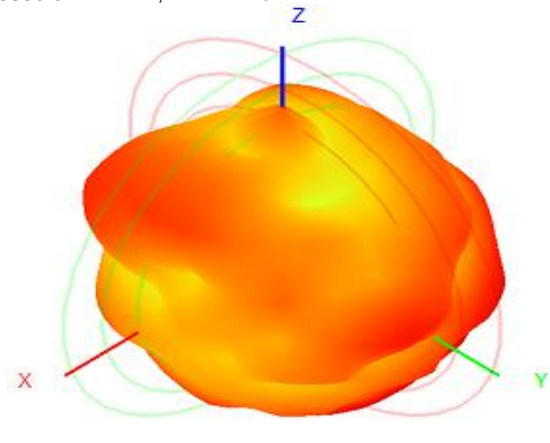
5830.0MHz Total(E2-YZ), Max=-0.71dBi



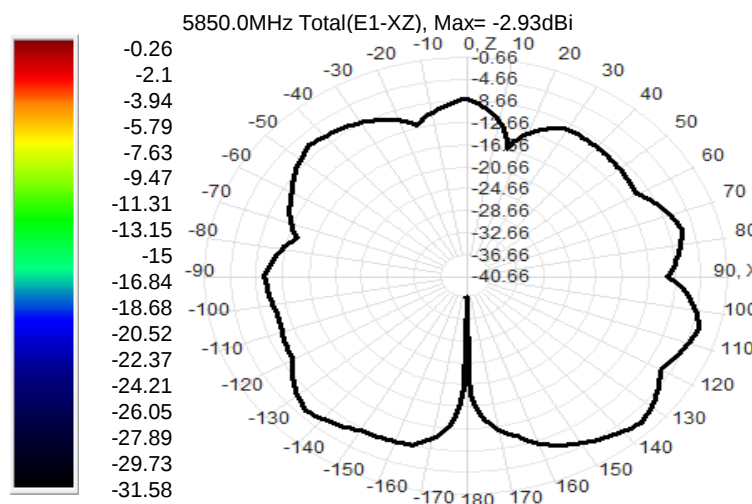
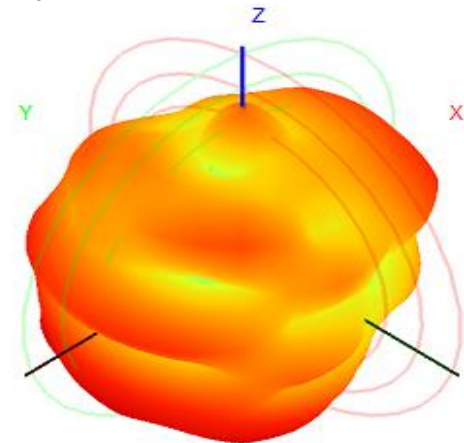
Total(H-XY), Max=-3.99dBi, CirD=10.52



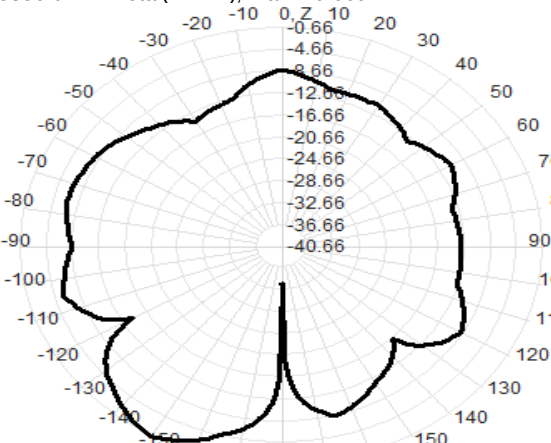
5850.0MHz H+V, Eff: 17.2%



Back View



5850.0MHz Total(E2-YZ), Max=-0.66dBi



Total(H-XY), Max=-4.14dBi, CirD=9.92

