

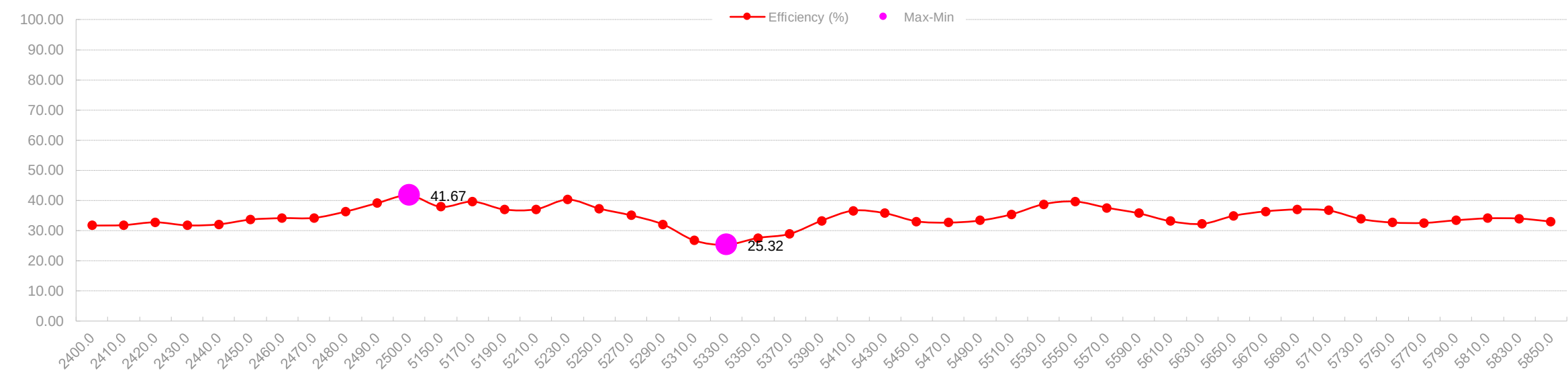
Manufacturer: Beijing Zhijie Chen Technology Co., LTD

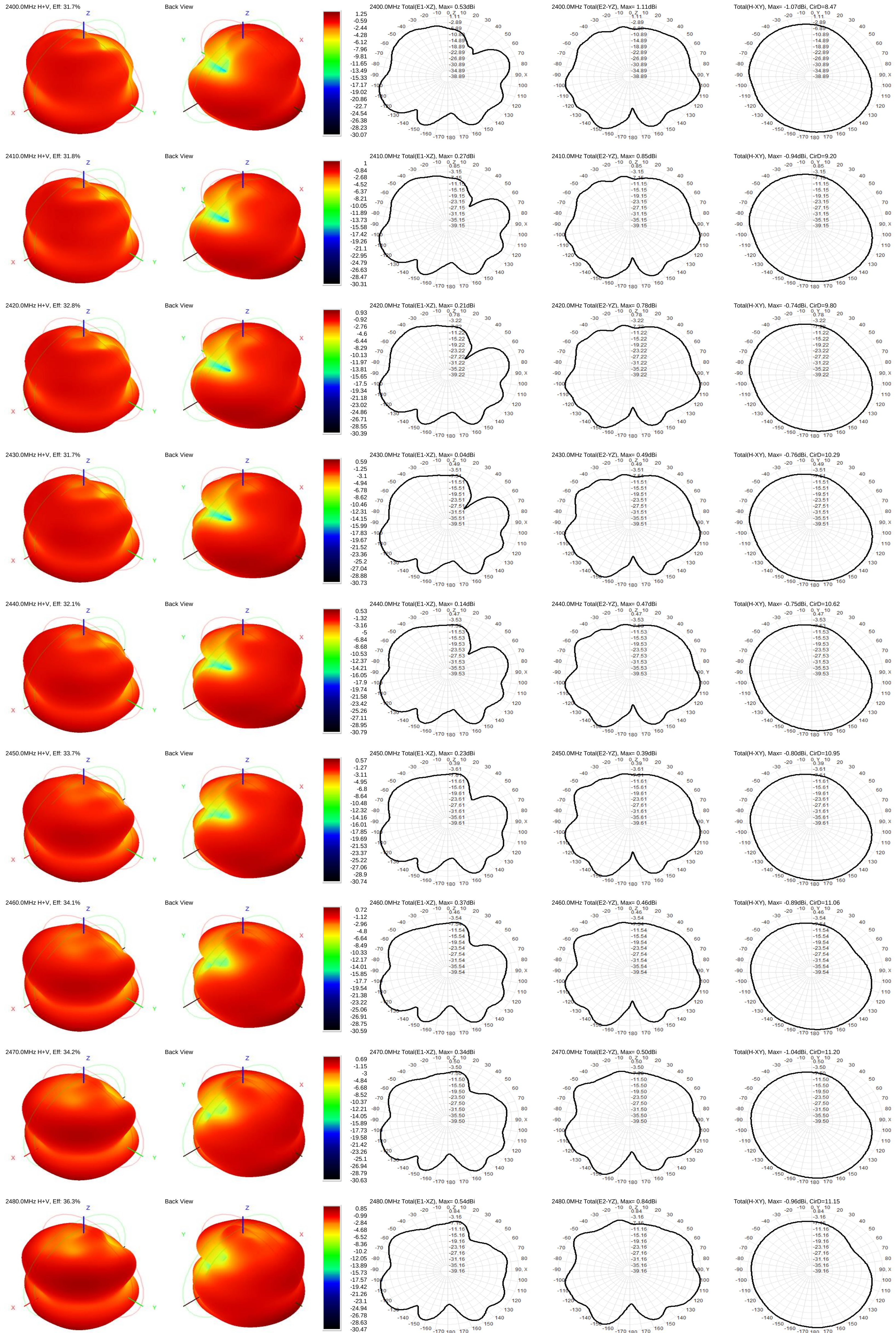
Address: Room 7, 1st Floor, Building 8, No. 5 Tangjia Village, Guangqu East Road, Chaoyang District, Beijing, China

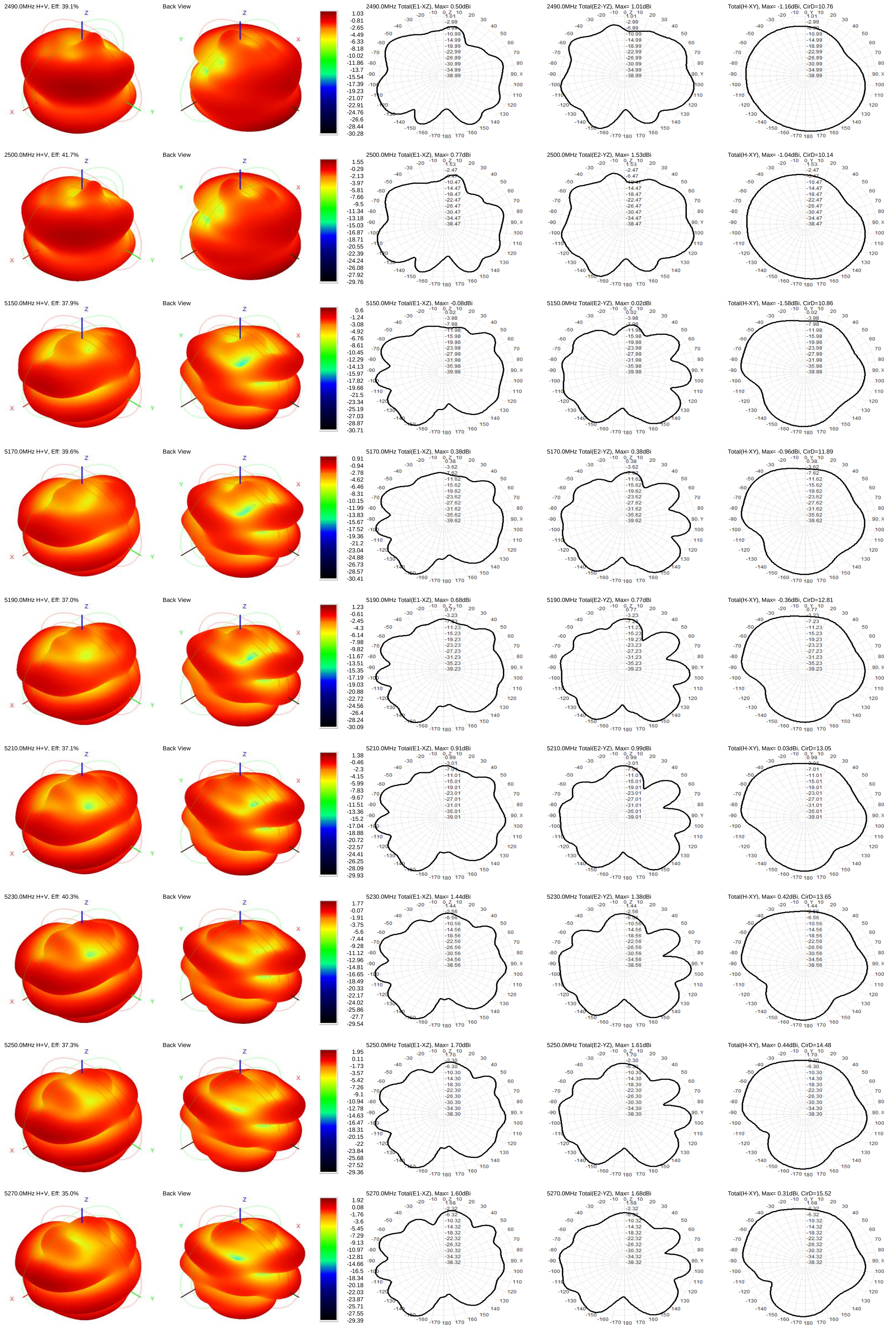
Antenna Model: Built-in FPC25*9-12cm-3 generation IPEX (purchased terminal cable)

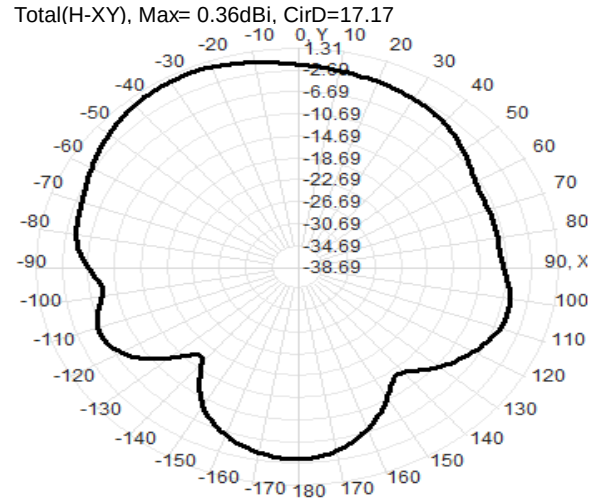
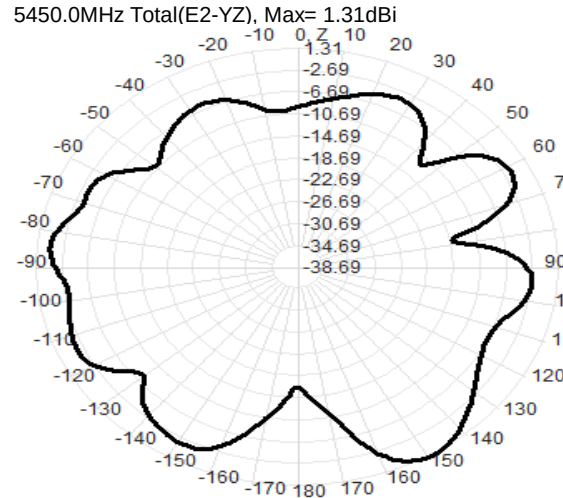
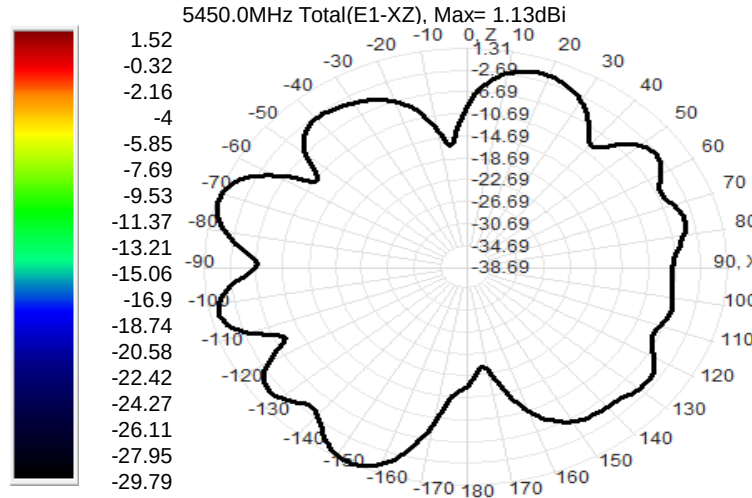
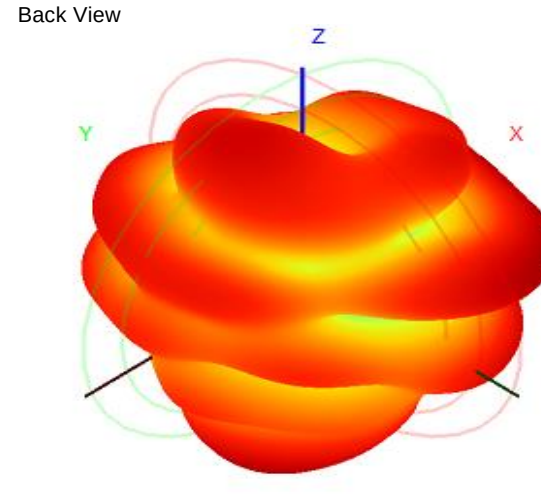
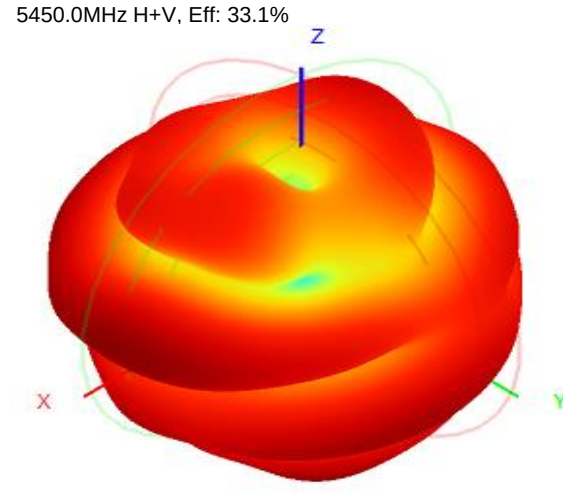
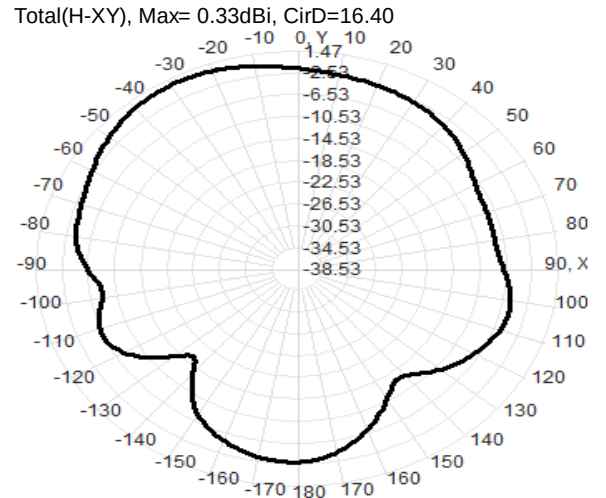
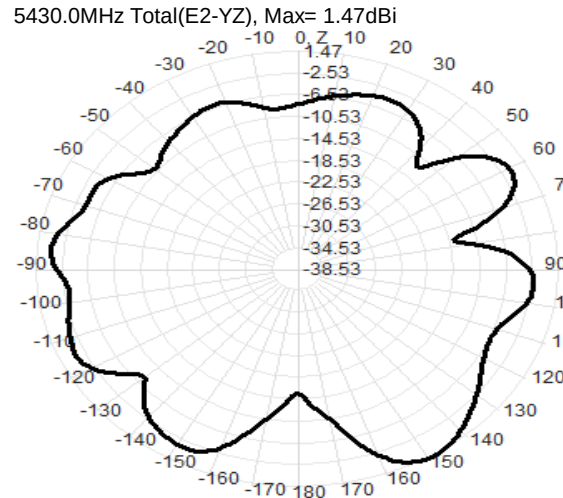
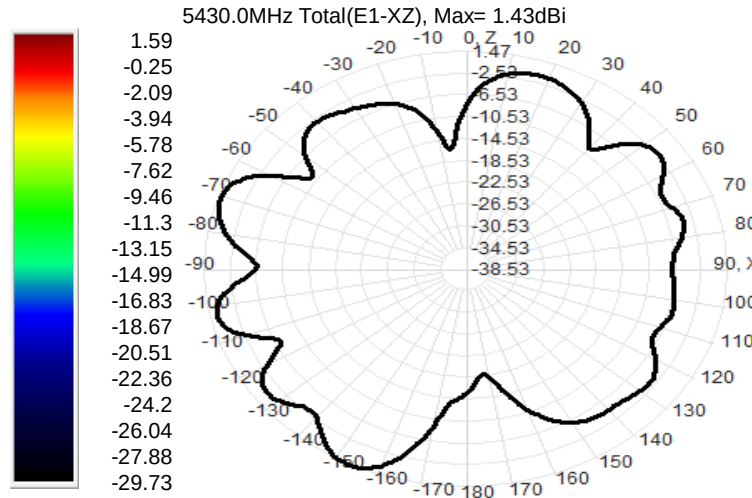
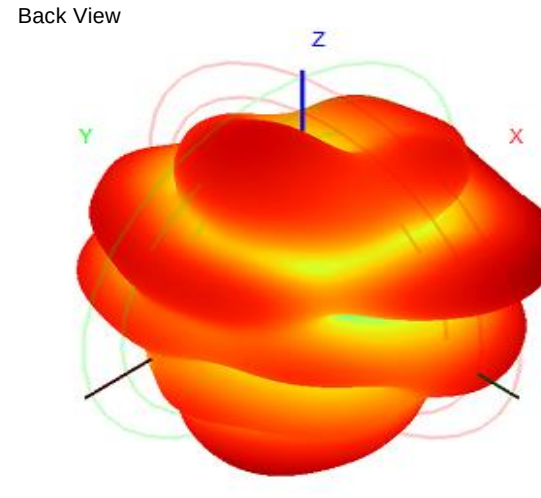
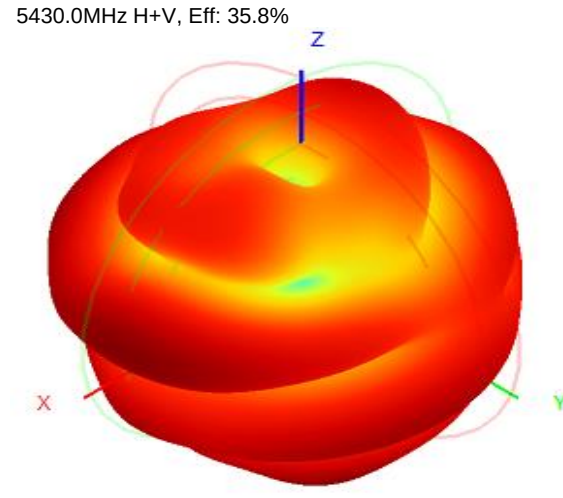
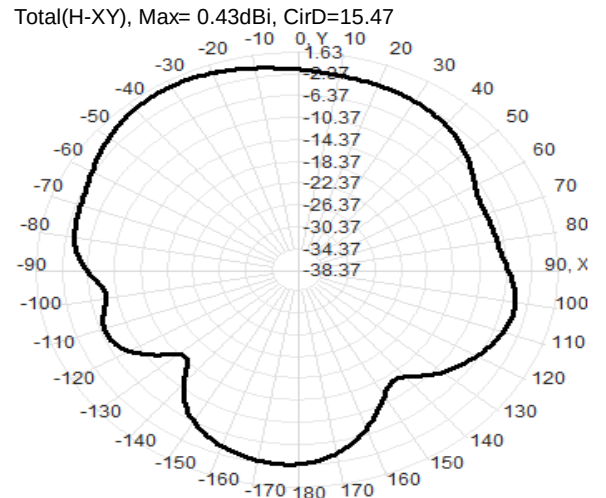
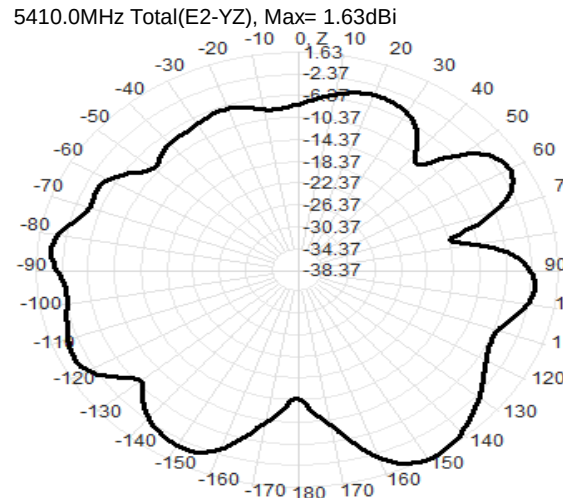
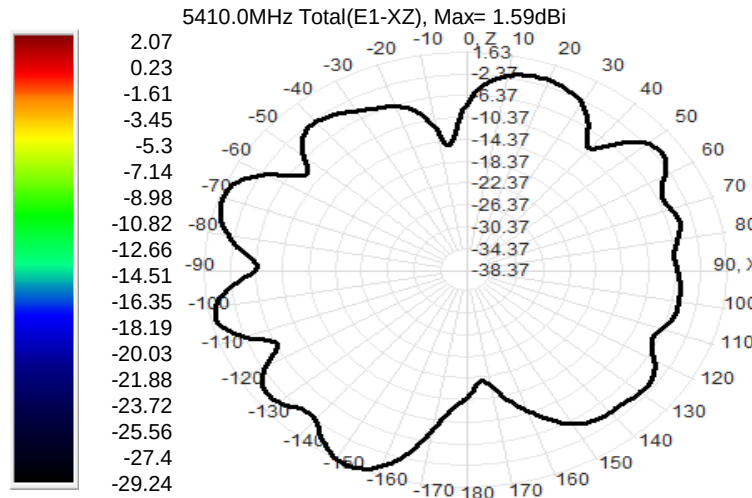
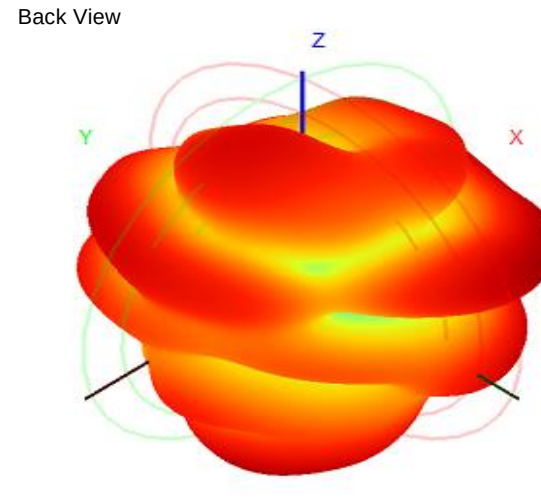
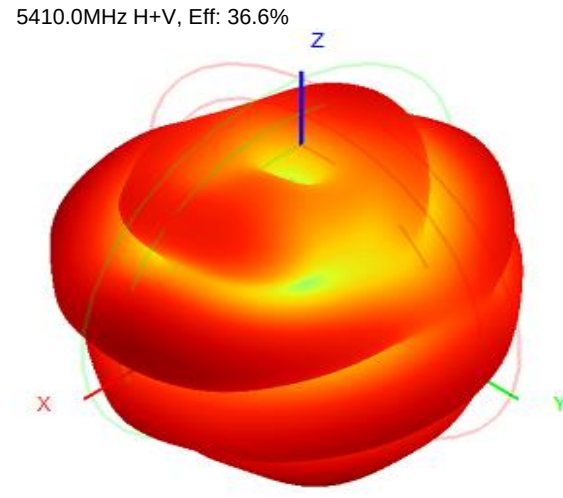
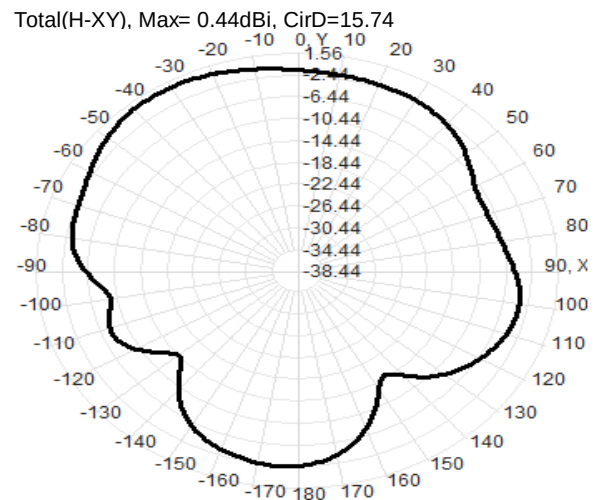
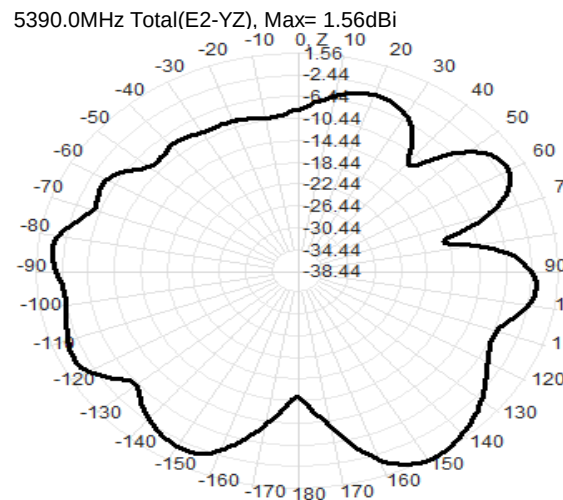
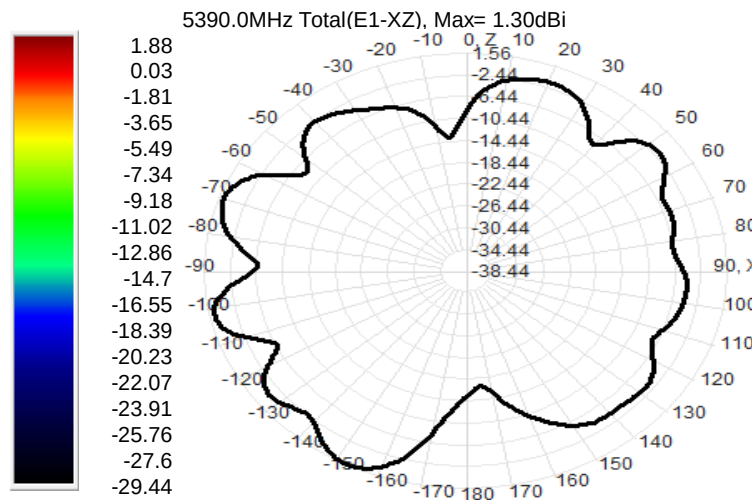
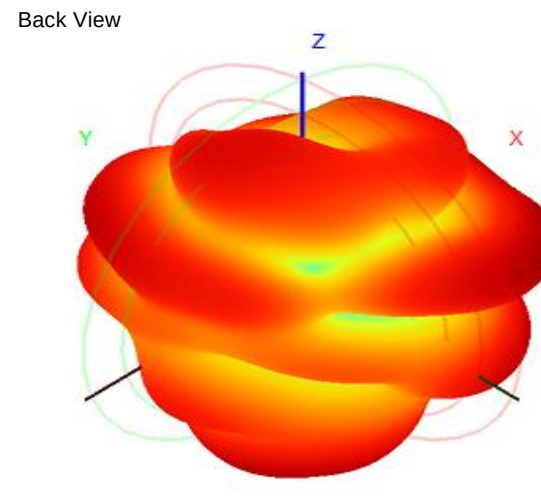
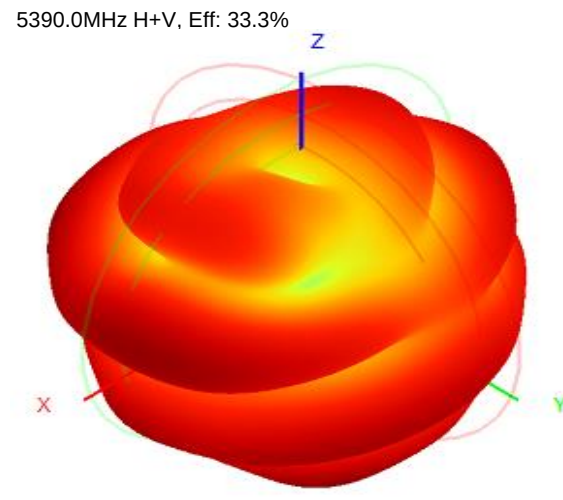
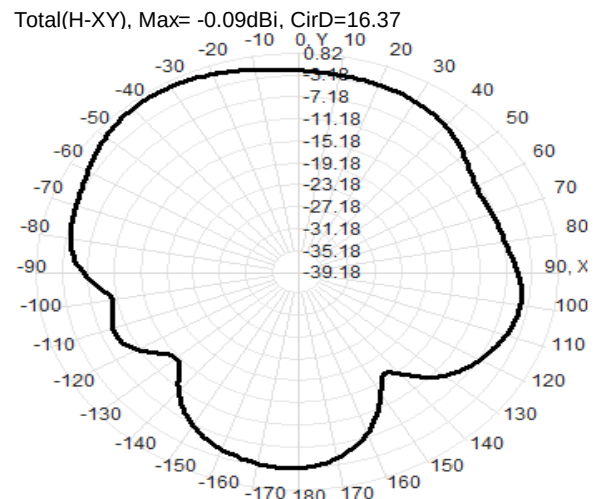
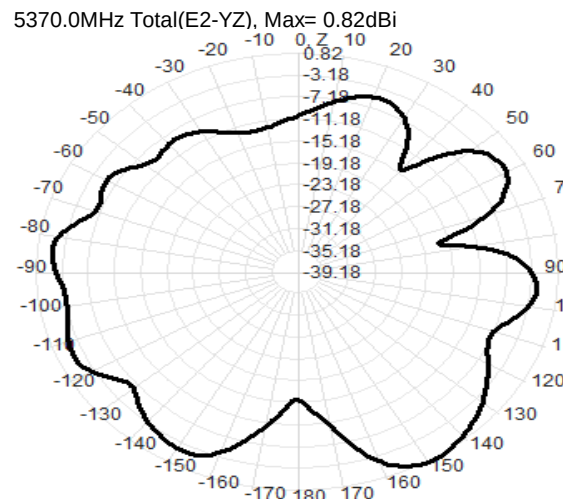
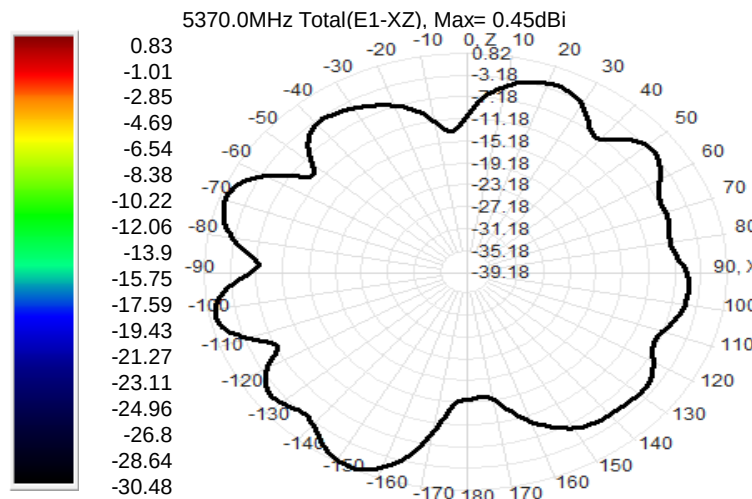
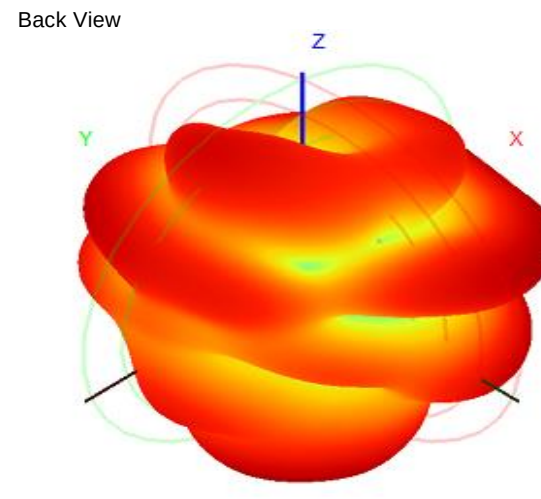
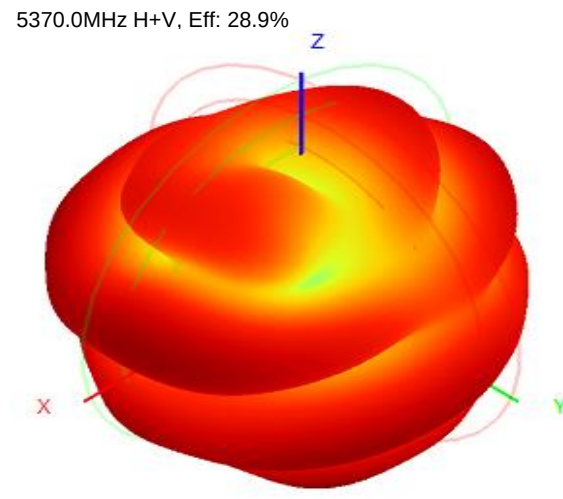
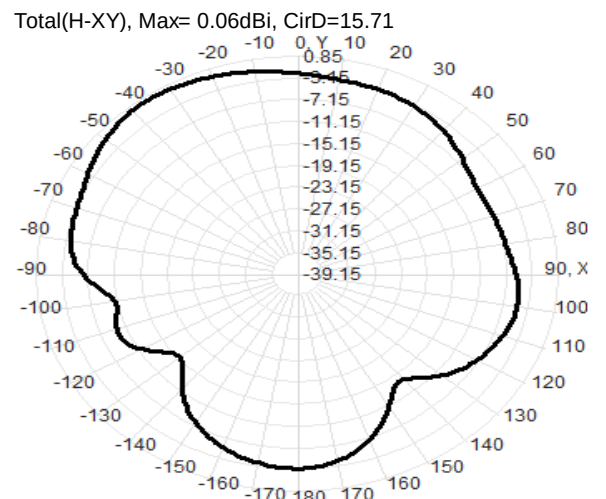
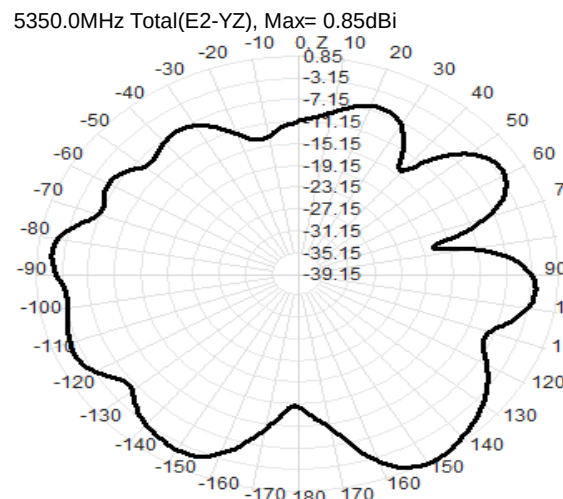
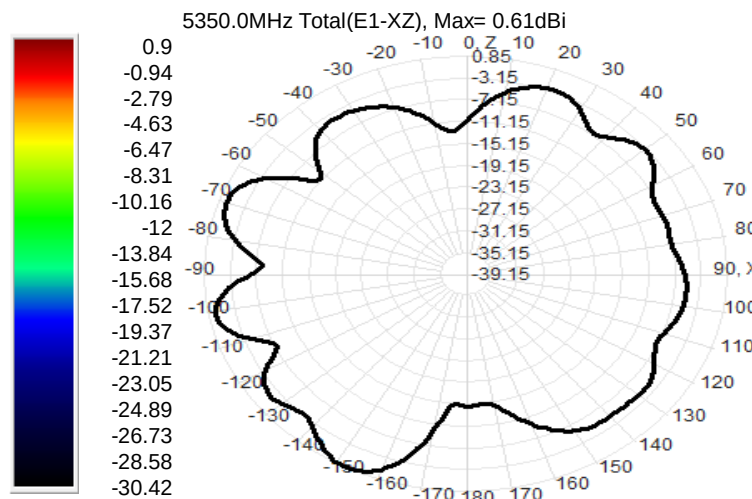
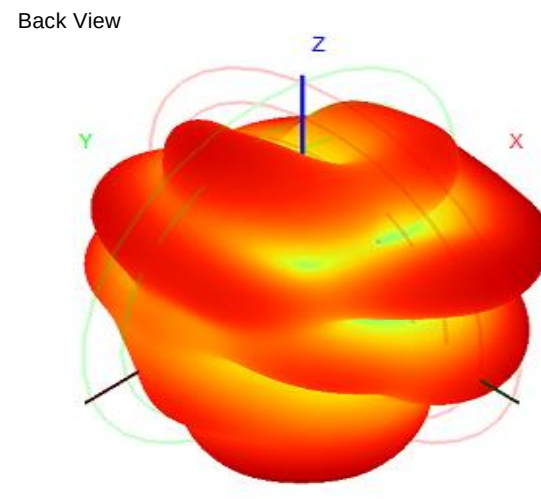
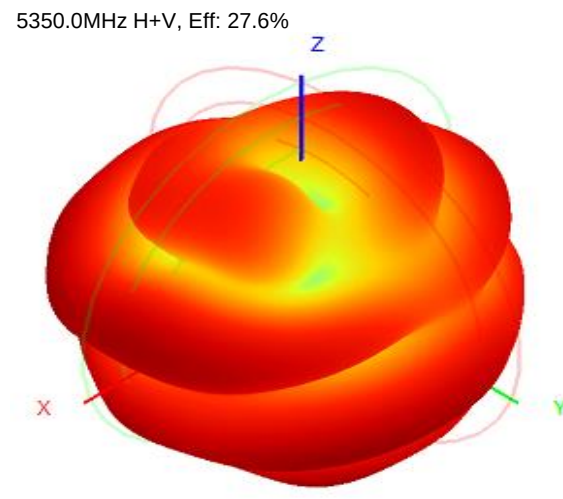
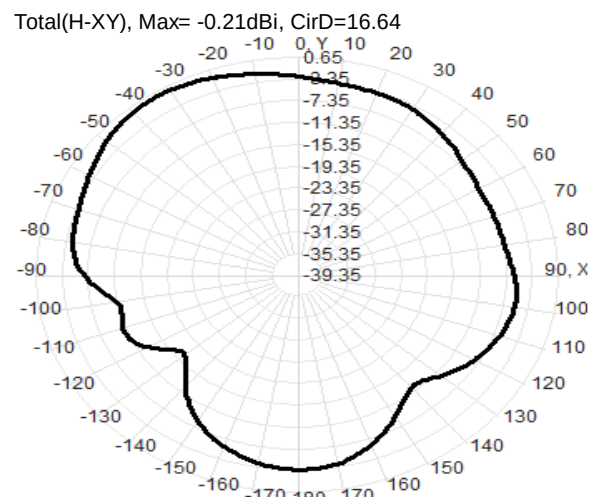
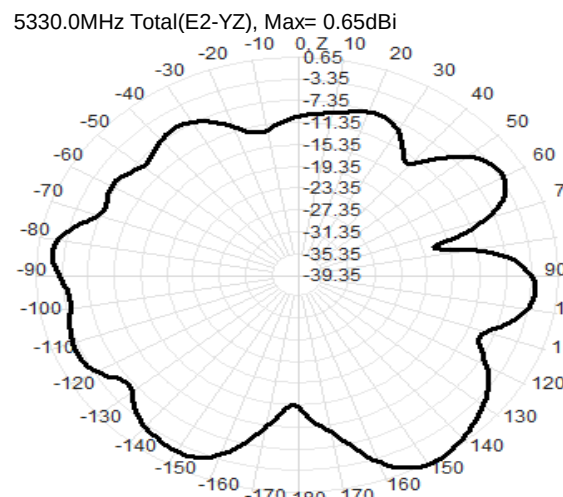
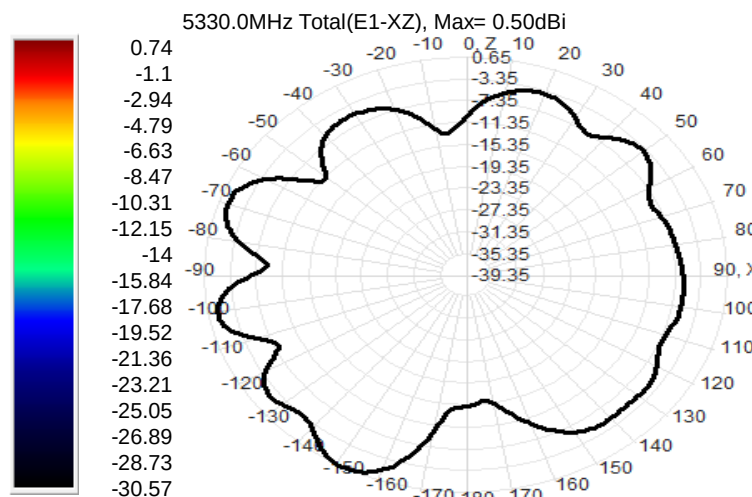
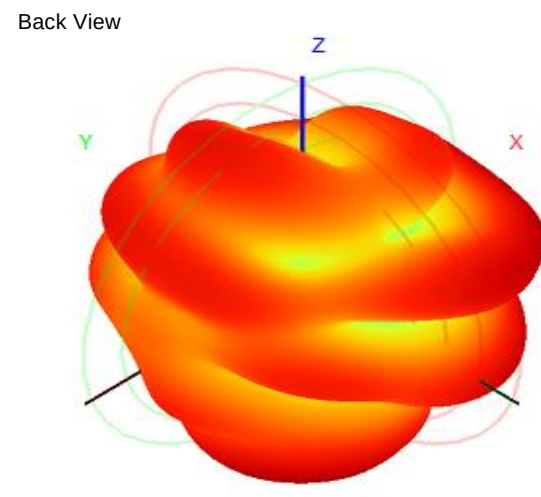
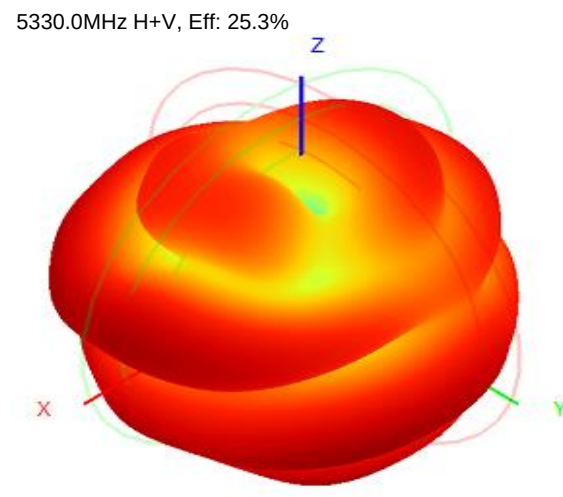
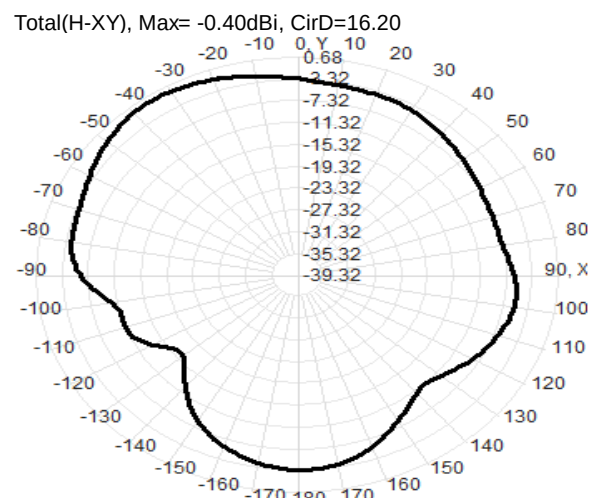
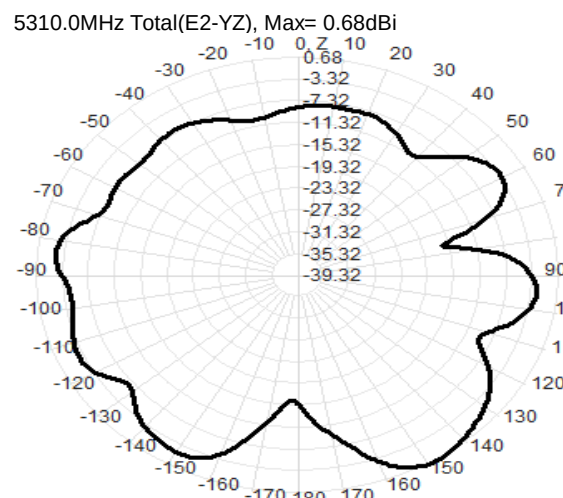
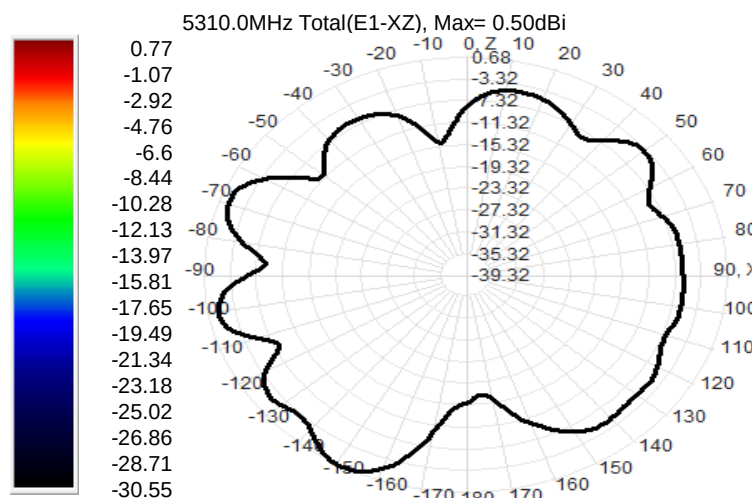
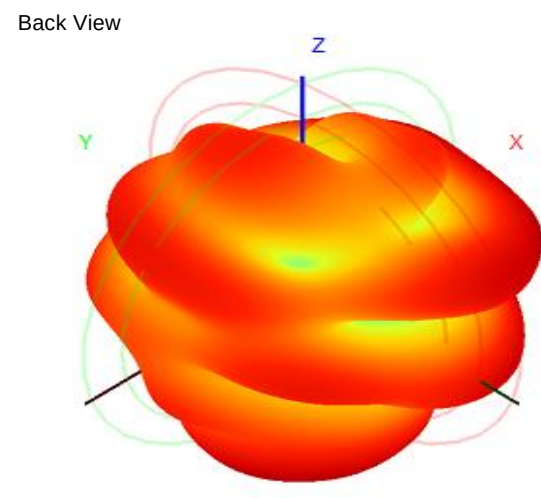
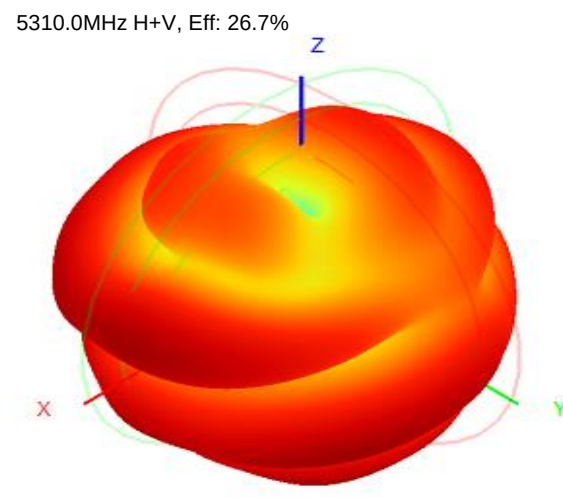
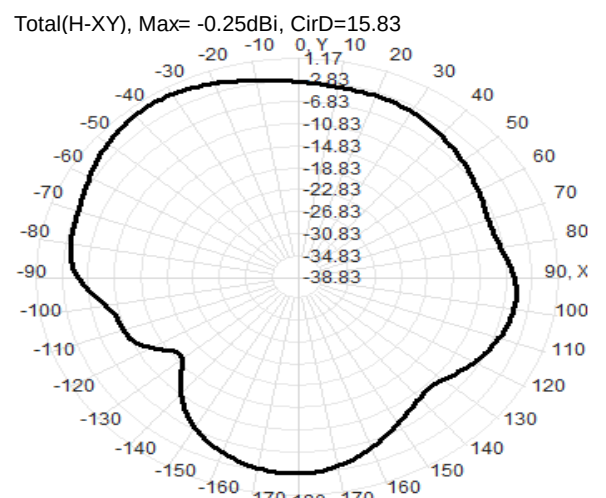
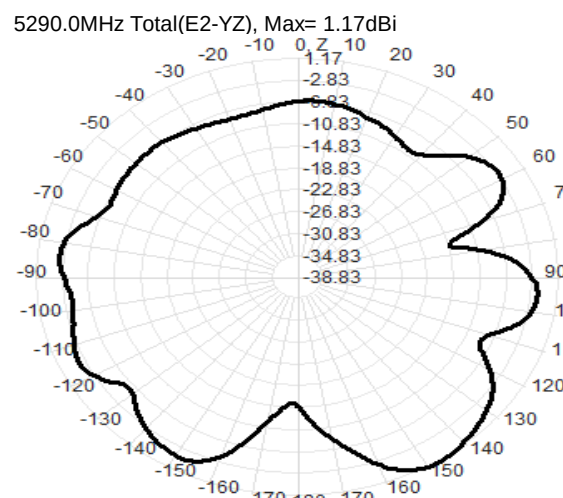
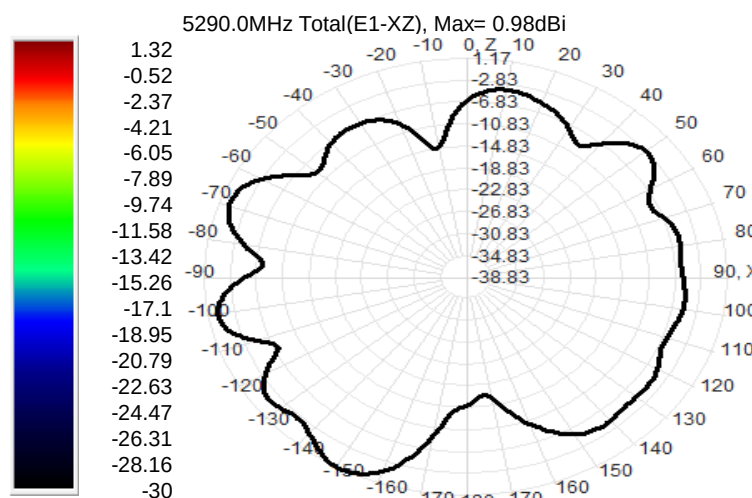
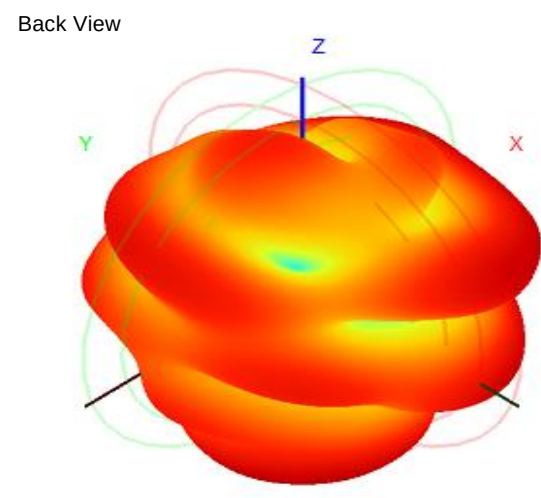
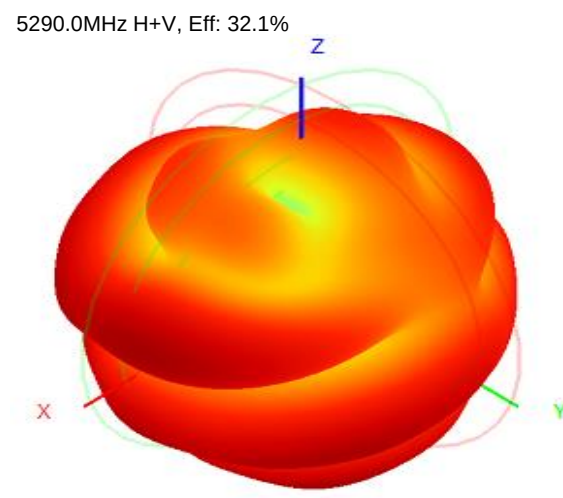
Antenna Type: FPC

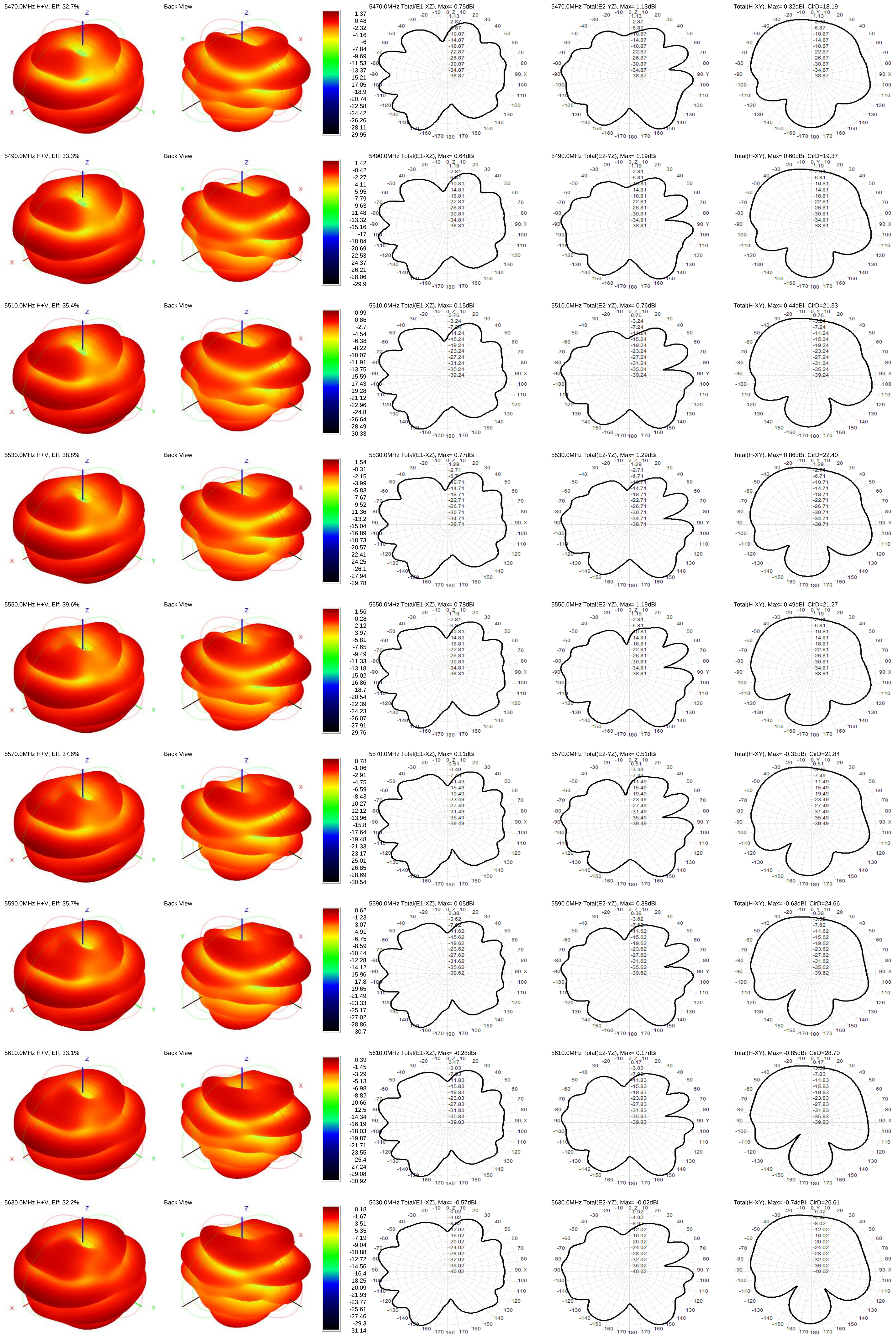
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Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5170.0	5190.0	5210.0	5230.0	5250.0	5270.0	5290.0	5310.0	5330.0	5350.0	5370.0	5390.0	5410.0	5430.0	5450.0	5470.0	5490.0	5510.0	5530.0	5550.0	5570.0	5590.0	5610.0	5630.0	5650.0	5670.0	5690.0	5710.0	5730.0	5750.0	5770.0	5790.0	5810.0	5830.0	5850.0			
Efficiency (dBi)	-4.99	-4.97	-4.85	-4.98	-4.94	-4.73	-4.67	-4.66	-4.40	-4.08	-3.80	-4.22	-4.02	-4.32	-4.31	-3.95	-4.28	-4.55	-4.94	-5.73	-5.97	-5.60	-5.39	-4.78	-4.36	-4.46	-4.81	-4.86	-4.77	-4.51	-4.12	-4.02	-4.25	-4.47	-4.80	-4.92	-4.57	-4.39	-4.32	-4.36	-4.71	-4.86	-4.87	-4.76	-4.68	-4.69	-4.81			
Gain (dBi)	1.25	1.00	0.93	0.59	0.53	0.57	0.72	0.69	0.85	1.03	1.55	0.60	0.91	1.23	1.38	1.77	1.95	1.92	1.32	0.77	0.74	0.90	0.83	1.88	2.07	1.59	1.52	1.37	1.42	0.99	1.54	1.56	0.78	0.62	0.39	0.18	-0.01	0.33	0.80	0.85	0.30	0.32	0.65	0.68	0.74	0.43	0.52			
Efficiency (%)	31.67	31.81	32.76	31.74	32.07	33.66	34.13	34.21	36.31	39.12	41.67	37.88	39.61	37.00	37.00	40.27	37.29	35.05	32.08	26.71	25.32	27.57	28.90	33.27	36.62	35.77	33.07	32.66	33.34	35.41	38.76	39.64	37.58	35.75	33.12	32.23	34.92	36.38	37.01	36.66	33.84	32.68	32.55	33.42	34.07	33.99	33.00			
Directivity (dB)	6.24	5.98	5.77	5.57	5.46	5.50	5.39	5.35	5.25	5.11	5.36	4.82	4.93	5.55	5.69	5.72	6.24	6.48	6.26	6.50	6.71	6.49	6.22	6.65	6.43	6.06	6.33	6.23	6.19	5.49	5.65	5.58	5.03	5.08	5.19	5.09	4.56	4.72	5.12	5.21	5.00	5.18	5.53	5.44	5.41	5.12	5.33			
Peak Gain Position (Theta)	106.00	106.00	106.00	106.00	105.00	124.00	124.00	124.00	105.00	107.00	107.00	146.00	147.00	148.00	147.00	147.00	146.00	147.00	147.00	292.00	292.00	291.00	290.00	288.00	288.00	287.00	283.00	277.00	51.00	51.00	50.00	255.00	254.00	255.00	256.00	256.00	50.00	256.00	256.00	257.00	257.00	258.00	53.00	53.00	53.00	259.00	262.00	264.00	215.00	215.00
Peak Gain Position (Phi)	281.00	282.00	282.00	281.00	278.00	33.00	34.00	32.00	274.00	277.00	276.00	295.00	295.00	296.00	292.00	292.00	291.00	290.00	288.00	288.00	287.00	283.00	277.00	51.00	51.00	50.00	255.00	254.00	255.00	256.00	256.00	50.00	256.00	256.00	257.00	257.00	258.00	53.00	53.00	53.00	259.00	262.00	264.00	215.00	215.00					
Efficiency ThetaPol (%)	20.42	20.49	20.99	20.17	20.31	21.26	21.53	21.54	22.90	24.82	26.70	27.77	28.89	26.78	26.70	28.77	26.56	25.11	23.20	19.53	18.69	20.50	21.48	24.72	27.22	26.73	24.89	24.83	25.49	27.10	29.64	30.43	29.09	27.90	25.89	25.18	27.19	28.39	29.14	28.99	26.77	25.90	25.82	26.57	27.20	27.36	26.70			
Efficiency PhiPol (%)	11.25	11.32	11.77	11.56	11.77	12.40	12.61	12.67	13.42	14.30	14.97	10.11	10.72	10.22	10.36	11.50	10.73	9.93	8.88	7.17	6.63	7.07	7.43	8.56	9.41	9.04	8.18	7.83	7.85	8.32	9.12	9.21	8.49	7.85	7.23	7.06	7.73	7.99	7.87	7.67	7.07	6.78	6.72	6.85	6.86	6.63	6.31			
Upper Hem. Efficiency (%)	12.75	12.86	13.18	12.72	12.68	13.11	13.16	13.21	14.05	15.27	16.32	14.42	14.88	13.79	13.92	15.24	14.04	13.11	12.02	10.10	9.79	11.00	11.82	13.81	15.39	15.37	14.52	14.61	15.14	16.16	17.59	18.00	17.40	17.00	16.11	15.89	17.27	17.85	17.91	17.65	16.37	16.06	16.48	16.91	17.18	16.98	16.18			
Lower Hem. Efficiency (%)	18.92	18.96	19.58	19.02	19.39	20.55	20.97	20.99	22.26	23.85	25.34	23.46	24.74	23.20	23.15	25.04	23.25	21.93	20.06	16.61	15.53	16.57	17.08	19.47	21.23	20.40	18.55	18.05	18.20	19.25	21.17	21.64	20.18	18.75	17.01	16.35	17.65	18.53	19.10	19.00	17.48	16.62	16.27	16.51	16.89	17.13	16.82			
T90(H)圆度	8.47	9.20	9.80	10.29	10.62	10.95	11.06	11.20	11.15	10.76	10.14	10.86	11.89	12.81	13.05	13.65	14.48	15.52	15.83	16.20	16.64	15.71	16.37	15.74	15.47	16.40	17.17	18.19	19.37	21.33	22.40	21.27	21.84	24.66	28.70	26.61	26.48	28.14	21.40	19.79	19.10	19.83	22.80	23.94	24.99	23.36	19.72			
Gain 15deg (dBi)	38.00	38.00	39.00	38.00	39.00	38.00	37.00	38.00	38.00	38.00	39.00	26.00	25.00	25.00	26.00	27.00	26.00	24.00	23.00	23.00	22.00	22.00	23.00	22.00	21.00	20.00	20.00	20.00	20.00	21.00	20.00	20.00	19.00	19.00	19.00	21.00	22.00	19.00	19.00	19.00	18.00	20.00	13.00	13.00	18.00					
E1(XZ)波瓣宽度	4.12	3.83	3.35	2.95	2.80	2.84	2.92	2.91	2.91	3.01	3.32	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	0.00	0.18	0.15	0.24	0.31	0.00	0.00	0.00	0.00	0.00	0.13	0.36	0.24	0.00					
E2(YZ)波瓣宽度	31.00	32.00	33.00	36.00	39.00	41.00	42.00	41.00	39.00	37.00	33.00	36.00	37.00	37.00	37.00	36.00	34.00	32.00	31.00	30.00	30.00	30.00	29.00	28.00	25.00	24.00	23.00	24.00	24.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	22.00	22.00	22.00	23.00	23.00	23.00	23.00					
E2(YZ)前后比	2.38	2.12	1.82	1.53	1.39	1.36	1.41	1.47	1.53	1.68	2.00	0.42	0.32	0.16	0.11	0.12	0.15	0.15	0.14	0.11	0.08	0.05	0.05	0.05	0.04	0.03	0.03	0.03	0.02	0.03	0.04	0.06	0.09	0.05	0.02	0.00	0.02	0.05	0.11	0.14	0.09	0.03	0.02	0.10	0.19					
最大增益轴增益(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			
仰角10度增益(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	1.50		
Hc(XY)波瓣宽度	110.00	103.00	100.00	98.00	99.00	101.00	105.00	108.00	109.00	110.00	109.00	75.00	76.00	76.00	80.00	111.00	104.00	78.00	73.00	68.00	69.00	76.00	97.00	101.00	92.00	81.00	80.00	84.00	91.00	93.00	71.00	72.00	91.00	97.00	100.00	98.00	97.00	97.00	96.00	95.00	97.00	100.00	98.00	96.00	65.00	100.00	99.00			
Hc(XY)前后比	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	2.51	3.11	2.84	2.08	1.86	2.26	2.84	3.31	3.57	3.67	3.39	3.15	3.24	3.57	4.07	4.60	5.04	5.13	4.92	4.69	4.41	3.99	3.91	4.51	5.33	5.61	5.32	4.80	4.18	4.10	4.78	6.19	6.91	6.40	5.35		
Empty																																																		

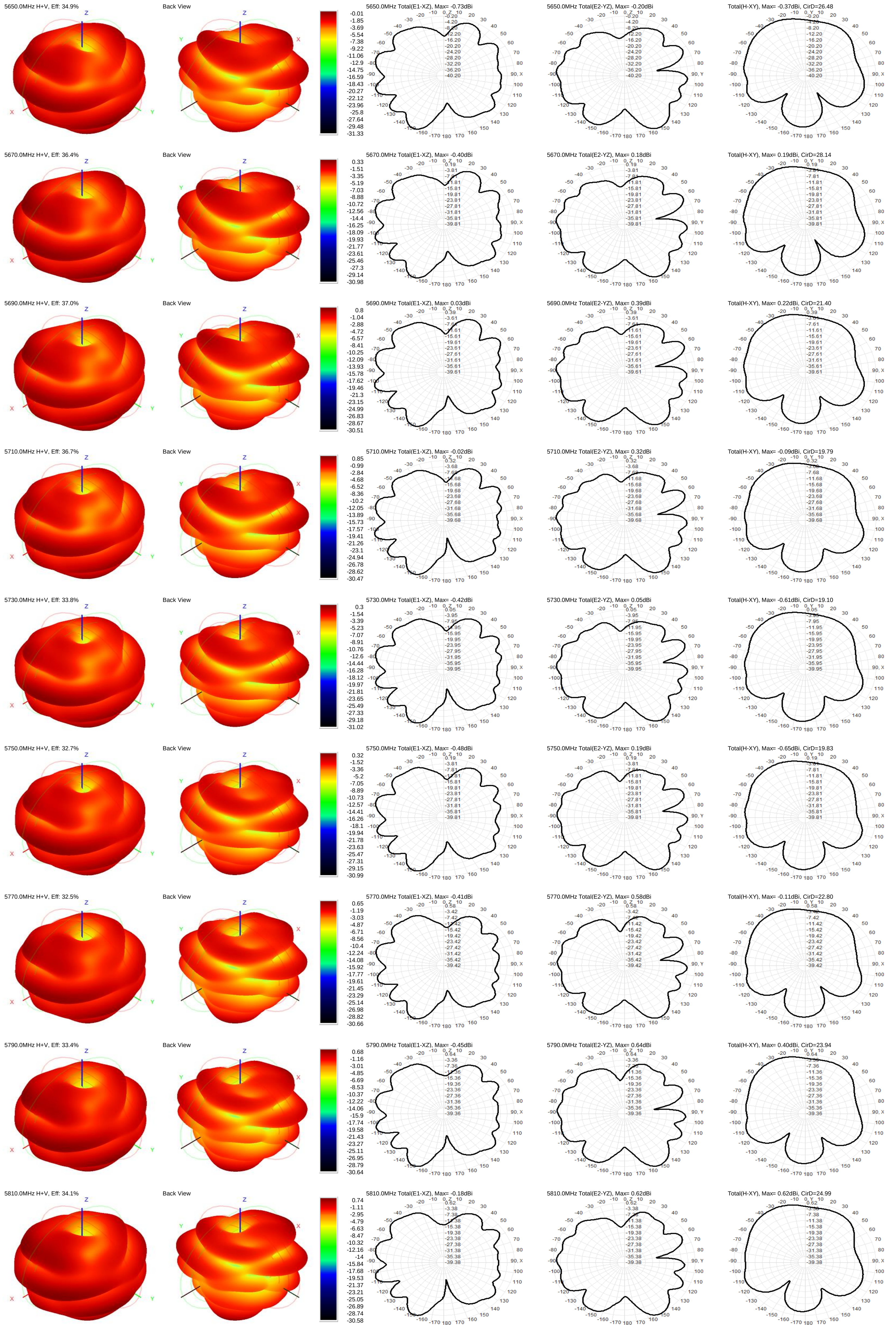




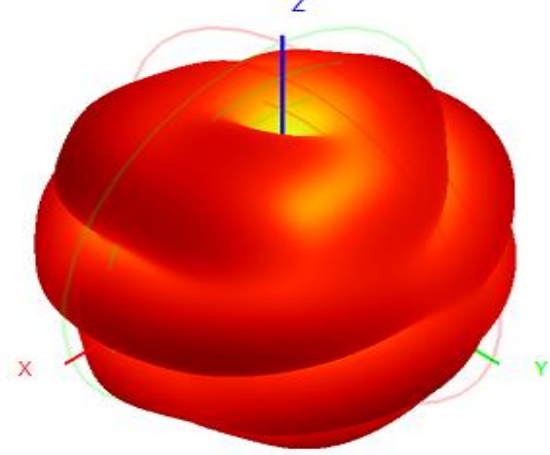




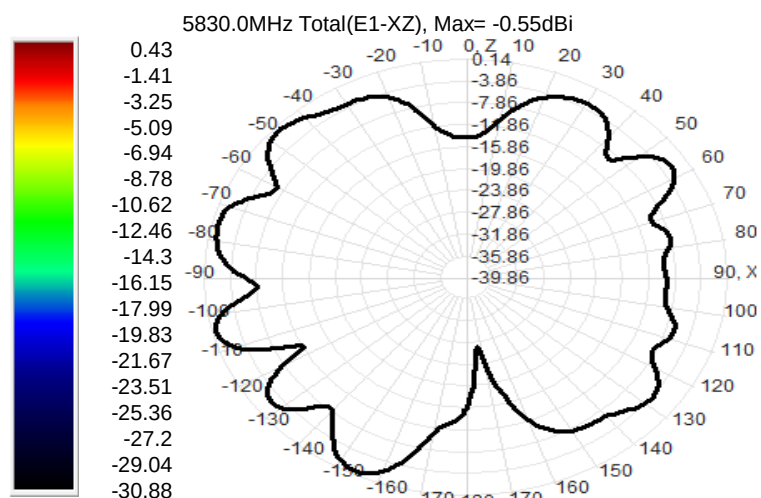
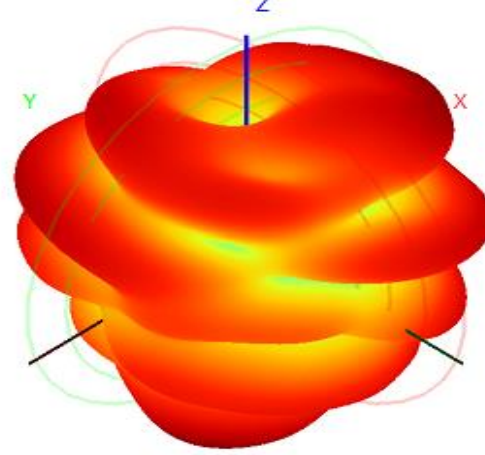




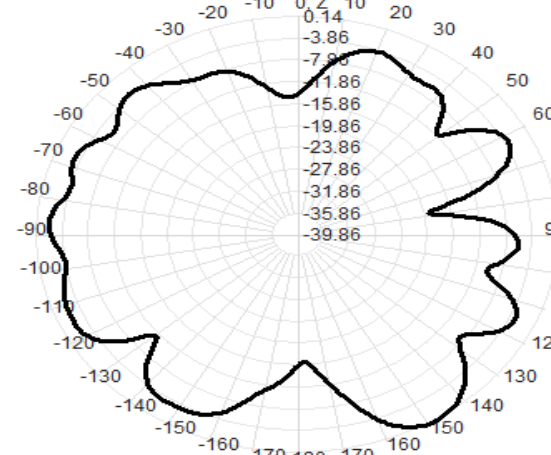
5830.0MHz H+V, Eff: 34.0%



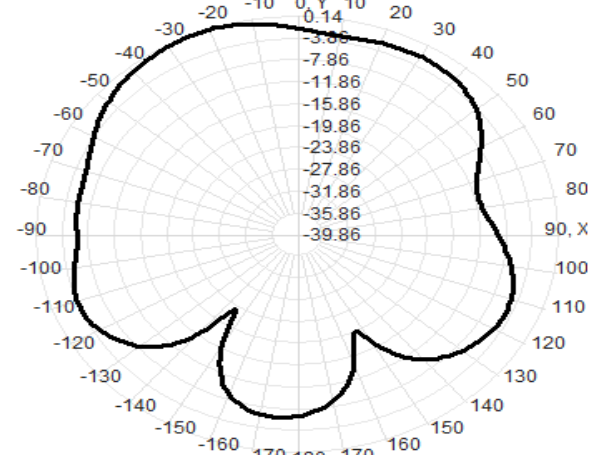
Back View



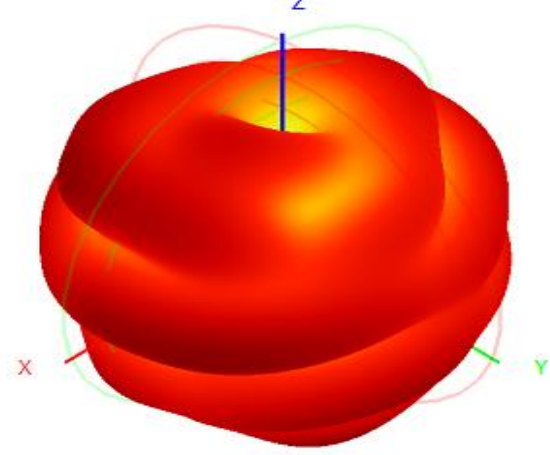
5830.0MHz Total(E2-YZ), Max= 0.14dBi



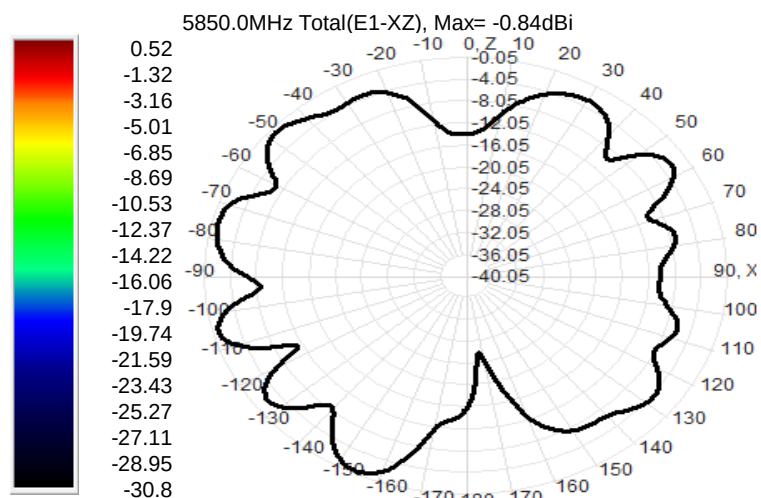
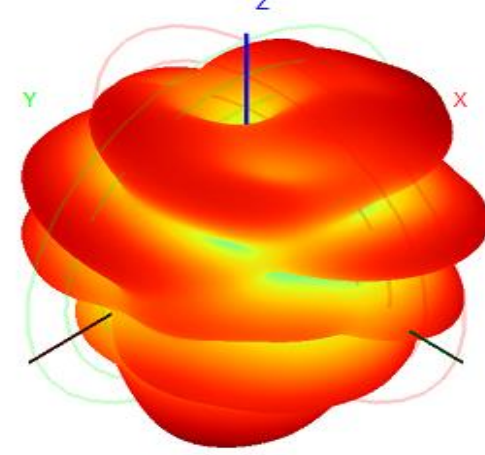
Total(H-XY), Max=-0.03dBi, CirD=23.36



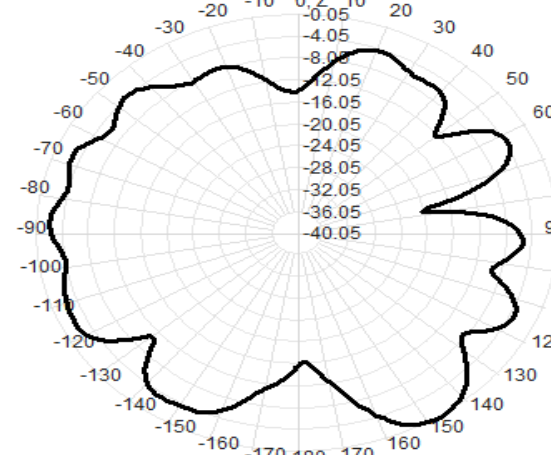
5850.0MHz H+V, Eff: 33.0%



Back View



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



Total(H-XY), Max=-0.55dBi, CirD=19.72

