



深圳市红心电子科技有限公司

广东省深圳市宝安区西乡固戍新安第二工业区 C10栋西面2楼

Shenzhen Hongxin Technology Electronics Co., Ltd

2nd to 5th floor, west of Building C10Xixiang Gushu Xin'an No. 2 IndustrialZone, Bao'an District, Shenzhen,Guangdong Province

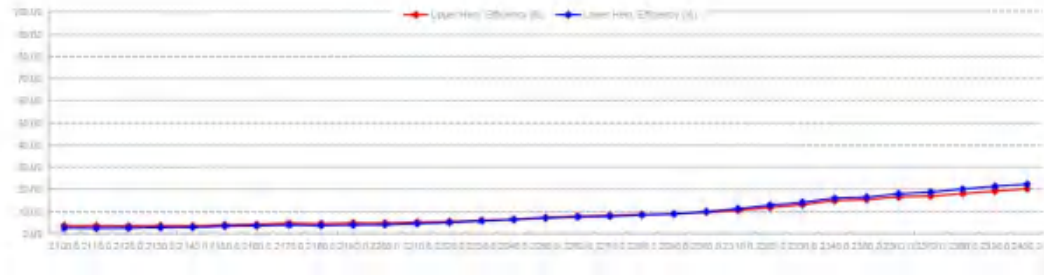
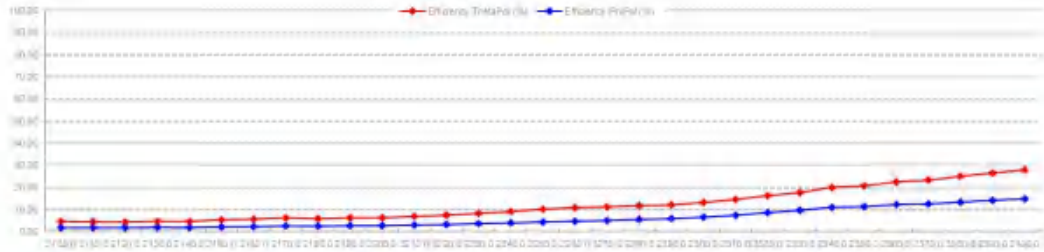
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Frequency (MHz)	2100.0	2110.0	2120.0	2130.0	2140.0	2150.0	2160.0	2170.0	2180.0	2190.0	2200.0	2210.0	2220.0	2230.0	2240.0	2250.0	2260.0	2270.0	2280.0	2290.0	2300.0	2310.0	2320.0	2330.0	2340.0	2350.0	2360.0	2370.0	2380.0	2390.0	2400.0
Efficiency (dBi)	-11.98	-12.10	-12.10	-11.84	-11.84	-11.26	-11.01	-10.59	-10.79	-10.52	-10.46	-10.07	-9.72	-9.26	-8.86	-8.39	-8.09	-7.90	-7.63	-7.45	-7.04	-6.58	-6.05	-5.63	-5.10	-4.94	-4.60	-4.45	-4.16	-3.91	-3.69
Gain (dBi)	8.65	8.70	8.82	8.75	8.76	8.17	8.02	7.67	7.72	7.42	7.54	7.14	6.59	6.03	5.64	5.33	5.08	4.84	4.48	4.20	3.70	3.03	2.39	1.91	1.42	1.32	0.99	0.84	0.50	0.10	0.23
Efficiency (%)	6.34	6.16	6.17	6.54	6.54	7.48	7.92	8.74	8.34	8.88	8.99	9.84	10.66	11.85	12.99	14.47	15.54	16.23	17.24	17.98	19.75	22.00	24.84	27.36	30.91	32.03	34.69	35.87	38.35	40.67	42.72
Directivity (dB)	3.33	3.40	3.28	3.09	3.08	3.09	2.99	2.92	3.06	3.09	2.92	2.93	3.13	3.23	3.22	3.07	3.00	3.06	3.16	3.25	3.34	3.55	3.65	3.72	3.68	3.62	3.60	3.61	3.67	3.81	3.92
Peak Gain Position (Theta)	75.00	75.00	75.00	75.00	90.00	75.00	75.00	60.00	60.00	60.00	60.00	90.00	75.00	120.00	120.00	120.00	120.00	90.00	90.00	90.00	90.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
Peak Gain Position (Phi)	90.00	90.00	90.00	90.00	285.00	330.00	315.00	60.00	60.00	60.00	60.00	285.00	315.00	270.00	270.00	270.00	270.00	90.00	90.00	90.00	90.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00
Efficiency ThetaPol (%)	4.57	4.40	4.36	4.63	4.65	5.35	5.66	6.19	5.87	6.22	6.29	6.88	7.45	8.24	9.06	10.12	10.84	11.22	11.74	12.10	13.21	14.58	16.26	17.71	19.94	20.73	22.46	23.33	25.01	26.51	27.91
Efficiency PhiPol (%)	1.77	1.77	1.81	1.92	1.89	2.14	2.26	2.55	2.48	2.66	2.70	2.96	3.21	3.61	3.93	4.36	4.70	5.01	5.50	5.88	6.54	7.42	8.58	9.65	10.96	11.31	12.23	12.55	13.34	14.15	14.81
Upper Hem. Efficiency (%)	3.71	3.62	3.58	3.70	3.60	4.07	4.32	4.80	4.62	4.91	4.90	5.25	5.56	6.07	6.61	7.38	7.95	8.33	8.77	9.00	9.69	10.63	11.91	13.17	14.91	15.47	16.65	17.05	18.15	19.24	20.33
Lower Hem. Efficiency (%)	2.63	2.54	2.59	2.84	2.94	3.41	3.61	3.94	3.72	3.97	4.09	4.59	5.10	5.78	6.38	7.09	7.58	7.89	8.47	8.98	10.06	11.37	12.93	14.19	16.00	16.56	18.04	18.82	20.20	21.43	22.39

T90(H) 角度	6.93	7.11	7.93	8.64	9.34	9.22	9.07	8.38	8.83	9.21	9.95	10.52	10.52	10.79	10.14	10.04	9.87	10.52	11.41	13.05	13.62	13.97	13.25	12.79	12.26	12.53	13.42	14.01	14.68	14.90	14.35	
Gain 15deg (dBi)																																
E1(XZ)波瓣宽度	116.00	116.00	117.00	112.00	106.00	100.00	104.00	99.00	101.00	96.00	96.00	95.00	97.00	93.00	91.00	92.00	91.00	94.00	94.00	93.00	90.00	86.00	83.00	89.00	87.00	89.00	87.00	85.00	87.00	65.00	62.00	61.00
E1(XZ)前后比	5.28	5.55	5.44	5.45	5.37	5.14	4.95	5.08	5.11	5.37	5.39	5.52	5.35	5.37	5.13	5.08	5.08	4.90	4.94	4.75	4.78	4.71	4.77	4.75	4.61	4.69	4.81	5.17	5.38	5.55		
E2(YZ)波瓣宽度	105.00	129.00	121.00	119.00	117.00	120.00	119.00	119.00	122.00	121.00	118.00	80.00	78.00	77.00	76.00	76.00	78.00	100.00	99.00	97.00	94.00	63.00	63.00	64.00	64.00	64.00	62.00	60.00	60.00	59.00	59.00	
E2(YZ)前后比	6.98	6.80	6.09	5.17	4.73	4.46	4.72	4.99	5.21	5.30	4.95	4.65	4.69	4.65	4.68	4.69	4.78	4.80	4.85	4.62	4.53	4.59	4.43	4.45	4.38	4.32	4.14	3.97	3.83	3.80	3.80	
最大增益处轴比(P)	19.15	19.53	19.28	20.69	26.43	24.70	20.56	31.96	26.74	25.59	23.19	28.44	32.34	17.92	17.18	16.53	17.16	12.63	12.48	12.25	11.83	14.43	14.21	13.70	12.67	12.32	11.64	11.14	10.48	9.99	9.77	
顶点(Theta=0)处轴比(P)	21.53	21.81	23.46	23.48	20.74	22.74	24.29	25.75	27.94	28.49	31.85	51.03	33.10	27.69	26.68	25.51	30.65	20.19	16.18	15.93	14.79	15.98	14.16	10.96	11.07	14.24	23.32	19.24	11.31	9.01	10.26	
仰角10度处差(大)轴比(P)	46.55	53.65	55.46	60.32	56.23	76.90	66.03	68.14	65.46	64.14	66.26	57.99	66.84	57.59	70.67	57.78	59.73	55.07	78.22	60.01	53.60	47.45	47.51	51.91	49.78	49.84	52.52	52.07	52.01	54.38		
Hc(XY)波瓣宽度	293.00	291.00	287.00	279.00	240.00	238.00	243.00	274.00	270.00	270.00	257.00	233.00	231.00	234.00	238.00	240.00	252.00	241.00	230.00	225.00	223.00	224.00	225.00	231.00	234.00	234.00	228.00	227.00	228.00	231.00	230.00	
Hc(XY)前后比	0.48	0.39	0.02	0.00	0.00	0.00	0.00	0.00	0.30	0.12	0.19	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.50	0.54	0.58	0.46	0.37	0.30	0.21	0.39	0.54	0.52	0.42	0.13	0.00	
左旋圆极化效率(%)	3.33	3.25	3.22	3.34	3.25	3.71	3.99	4.41	4.27	4.59	4.67	5.06	5.41	5.95	6.55	7.44	8.11	8.52	9.11	9.47	10.37	11.60	13.12	14.45	16.19	16.81	18.53	19.32	20.68	21.50	22.13	
右旋圆极化效率(%)	3.01	2.91	2.94	3.21	3.29	3.77	3.94	4.33	4.07	4.29	4.32	4.78	5.25	5.90	6.44	7.04	7.43	7.71	8.13	8.51	9.38	10.39	11.72	12.91	14.72	15.22	16.16	16.56	17.67	19.16	20.59	

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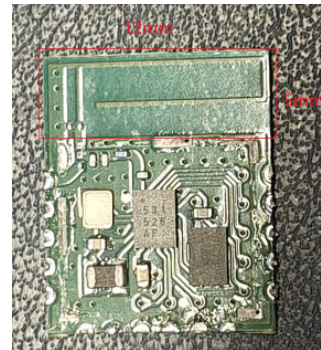
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Frequency (MHz)	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	2510.0	2520.0	2530.0	2540.0	2550.0	2560.0	2570.0	2580.0	2590.0	2600.0	2610.0	2620.0	2630.0	2640.0	2650.0	2660.0	2670.0	2680.0	2690.0	2700.0
Efficiency (dBi)	-3.60	-3.63	-3.75	-4.10	-4.42	-4.89	-5.15	-5.56	-5.80	-6.19	-6.70	-7.16	-7.74	-8.14	-8.67	-8.79	-9.45	-9.52	-10.33	-10.53	-11.07	-11.52	-11.76	-12.17	-12.33	-12.63	-12.73	-13.22	-13.21	-13.85
Gain (dBi)	0.37	0.31	0.01	-0.53	-0.92	-1.32	-1.34	-1.61	-1.76	-2.26	-2.79	-3.31	-3.86	-4.25	-4.53	-4.43	-5.15	-5.35	-6.24	-6.55	-6.97	-7.33	-7.57	-7.92	-8.05	-8.29	-8.48	-8.97	-8.88	-9.40
Efficiency (%)	43.67	43.40	42.18	38.90	36.10	32.41	30.53	27.81	26.29	24.03	21.40	19.22	16.82	15.35	13.59	13.20	11.35	11.17	9.27	8.86	7.82	7.04	6.66	6.07	5.85	5.46	5.33	4.77	4.77	4.13
Directivity (dB)	3.97	3.93	3.75	3.57	3.51	3.57	3.81	3.94	4.04	3.93	3.91	3.85	3.88	3.89	4.14	4.36	4.30	4.17	4.09	3.98	4.09	4.19	4.19	4.24	4.28	4.34	4.26	4.25	4.33	4.45
Peak Gain Position (Theta)	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	105.00	120.00	
Peak Gain Position (Phi)	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	255.00	255.00	255.00	0.00	255.00
Efficiency ThetaPol (%)	28.63	28.58	28.09	26.22	24.45	21.97	20.62	18.76	17.73	16.25	14.49	12.99	11.31	10.32	9.14	8.89	7.67	7.60	6.35	6.13	5.44	4.93	4.71	4.33	4.19	3.94	3.87	3.48	3.51	3.05
Efficiency PhiPol (%)	15.04	14.82	14.09	12.68	11.65	10.44	9.91	9.05	8.56	7.80	6.91	6.23	5.51	5.03	4.45	4.31	3.68	3.56	2.92	2.73	2.38	2.11	1.96	1.75	1.65	1.52	1.46	1.28	1.27	1.08
Upper Hem. Efficiency (%)	20.88	20.77	20.20	18.54	17.03	15.10	14.08	12.74	11.99	10.95	9.70	8.61	7.41	6.65	5.78	5.55	4.75	4.67	3.86	3.65	3.18	2.84	2.68	2.44	2.36	2.19	2.13	1.89	1.87	1.60
Lower Hem. Efficiency (%)	22.80	22.63	21.97	20.37	19.07	17.32	16.45	15.07	14.31	13.09	11.70	10.61	9.41	8.70	7.81	7.66	6.60	6.50	5.41	5.21	4.64	4.20	3.99	3.64	3.49	3.27	3.20	2.88	2.91	2.53

T90(H) 角度	13.59	13.08	12.73	13.06	14.30	15.22	16.35	17.22	17.77	19.01	19.80	21.51	22.02	23.29	22.26	21.94	20.64	20.57	19.85	19.90	18.06	16.64	14.42	13.03	13.01	12.78	12.89	11.75	11.41	12.46
Gain 15deg (dBi)																														
E1(XZ)波瓣宽度	58.00	58.00	57.00	57.00	58.00	77.00	76.00	76.00	77.00	78.00	76.00	75.00	74.00	73.00	69.00	71.00	69.00	69.00	68.00	67.00	64.00	63.00	62.00	60.00	60.00	57.00	56.00	50.00	49.00	
E1(XZ)前后比	5.74	5.75	5.67	5.62	5.42	5.08	4.86	4.49	4.28	4.12	3.99	3.90	3.66	3.56	3.39	3.31	3.09	3.02	2.86	2.60	2.58	2.52	2.51	2.33	2.38	2.20	2.17	2.07	2.23	1.99
E2(YZ)波瓣宽度	60.00	60.00	61.00	59.00	57.00	56.00	54.00	54.00	55.00	56.00	55.00	54.00	53.00	51.00	49.00	48.00	50.00	49.00	47.00	30.00	32.00	32.00	36.00	37.00	59.00	59.00	60.00	62.00	56.00	
E2(YZ)前后比	3.80	3.78	3.61	3.33	3.19	3.08	2.99	2.92	3.36	3.28	3.08	3.01	2.96	2.89	3.00	3.27	3.22	3.01	2.77	2.52	2.34	2.53	2.52	2.52	2.53	2.38	2.22	2.28	1.90	2.57
最大增益差值(P)	9.00	9.23	8.81	8.49	8.21	8.00	7.99	7.67	7.55	7.59	7.55	7.42	7.43	7.33	7.07	6.85	6.56	6.34	6.35	6.05	5.66	4.96	4.36	3.96	3.00	2.85	2.61	2.01	20.21	2.40
角10度增益差值(P)	12.31	12.31	12.31	12.31	12.84	13.29	13.49	13.59	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76
角45度增益差值(P)	46.21	52.04	57.07	55.35	55.09	51.77	51.29	53.63	54.14	55.70	55.94	53.27	54.85	57.77	73.57	51.29	52.50	56.53	50.39	47.43	54.62	69.44	51.15	50.02	48.44	46.62	49.12	41.86	44.05	43.81
Hc(XY)波瓣宽度	234.00	235.00	236.00	238.00	234.00	231.00	227.00	223.00	223.00	224.00	225.00	224.00	223.00	218.00	216.00	212.00	211.00	210.00	210.00	209.00	209.00	183.00	181.00	182.00	179.00	182.00	178.00	180.00	176.00	171.00
Hc(XY)前后比	0.00	0.00	0.00	0.07	0.31	0.44	0.64	0.69	0.66	0.75	0.77	1.00	1.15	1.20	1.17	1.04	1.14	1.17	1.22	1.37	1.31	1.28	1.06	1.04	0.86	0.84	1.00	0.96	1.08	0.95
左旋面转化效率(%)	21.27	21.80	21.34	19.99	18.77	16.82	15.58	14.05	13.12	11.98	10.84	9.90	8.83	8.07	7.05	6.72	5.71	5.68	4.85	4.78	4.29	3.84	3.57	3.19	3.02	2.85	2.74	2.54	2.56	2.22
右旋面转化效率(%)	21.50	21.60	20.83	18.92	17.73	15.59	14.96	13.77	13.17	12.06	10.56	9.32	7.89	7.28	6.53	6.48	5.64	5.48	4.48	4.08	3.53	3.20	3.10	2.88	2.82	2.61	2.59	2.23	2.21	1.91



Antenna type: PCB Antenna
 Frequency Range : 2400-2500 MHz
 Antenna Mode : BT24-S

Size :

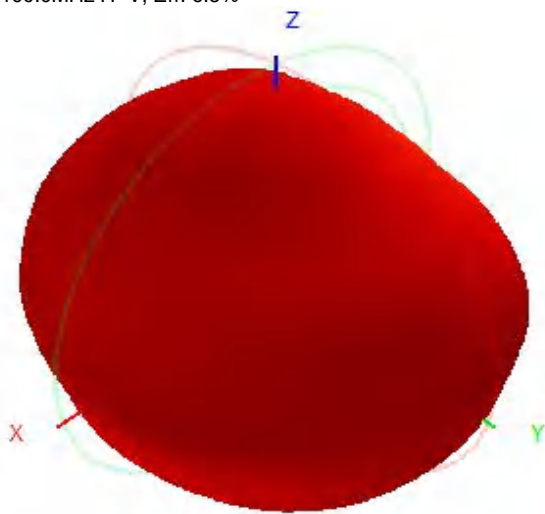


The applicant agrees to make this photo public and does not consider it to be within the scope of confidentiality.

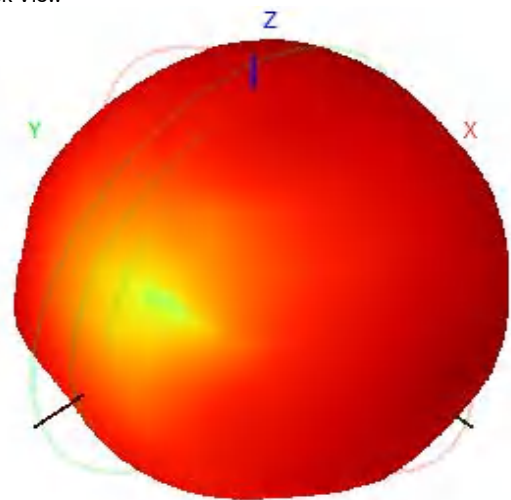


2nd to 5th floor, west of

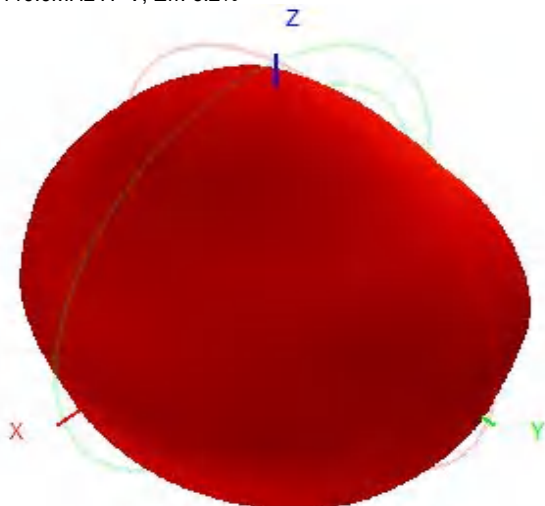
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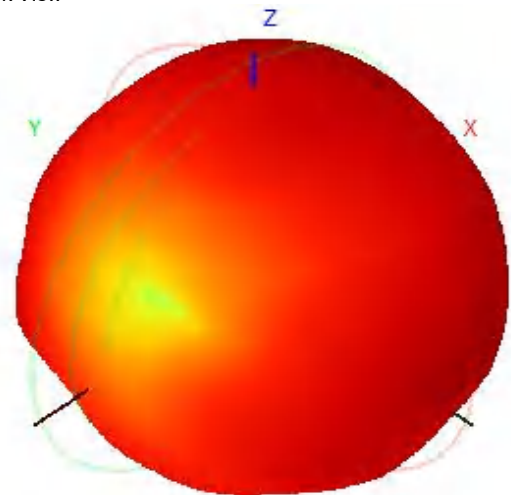
Back View



2110.0MHz H+V, Eff: 6.2%



Back View

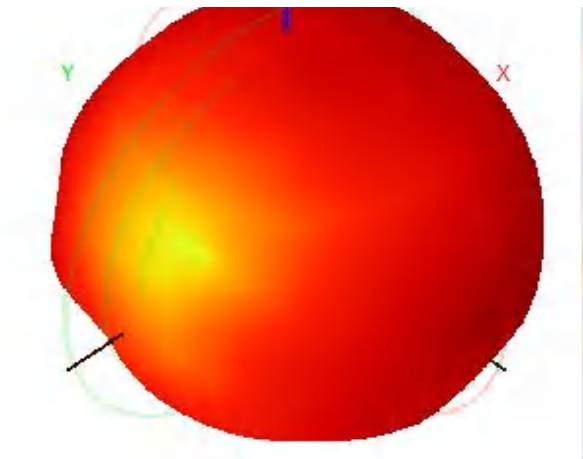
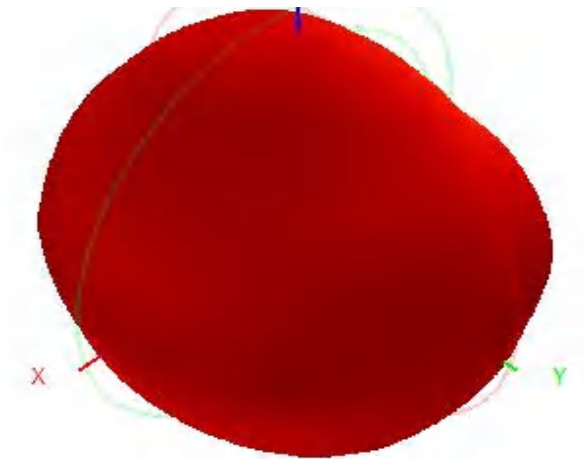


2120.0MHz H+V, Eff: 6.2%



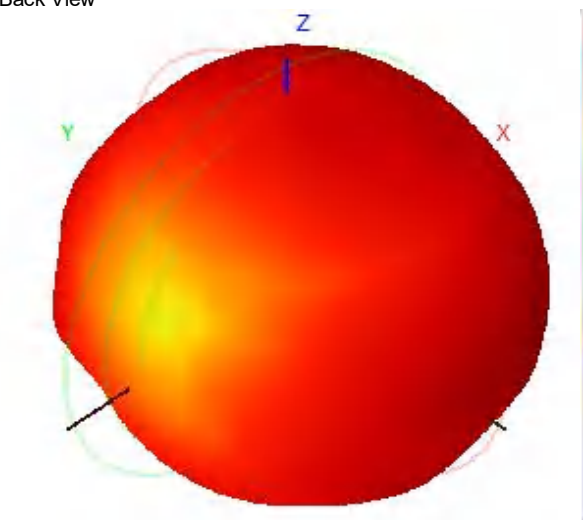
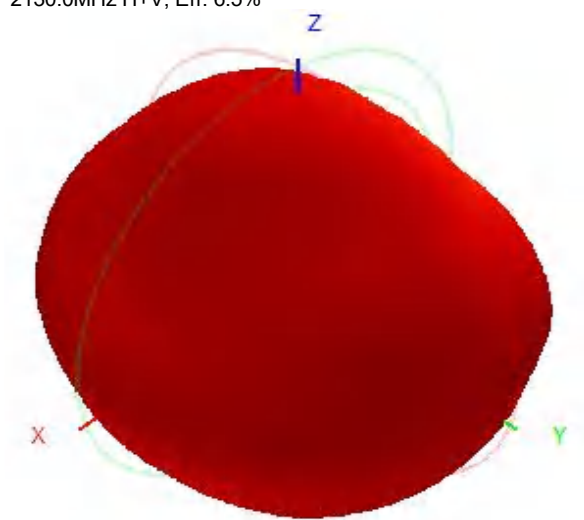
Back View





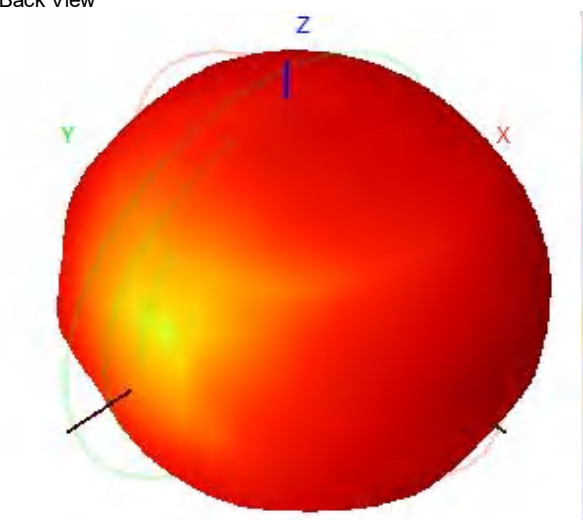
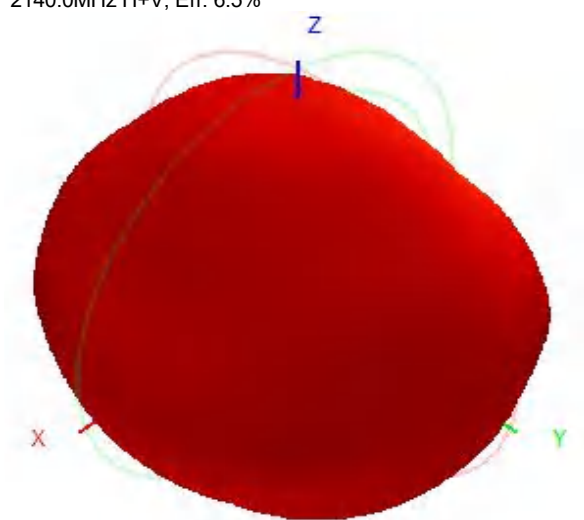
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Back View



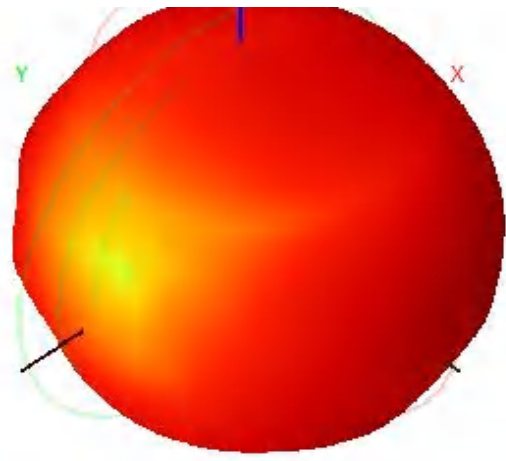
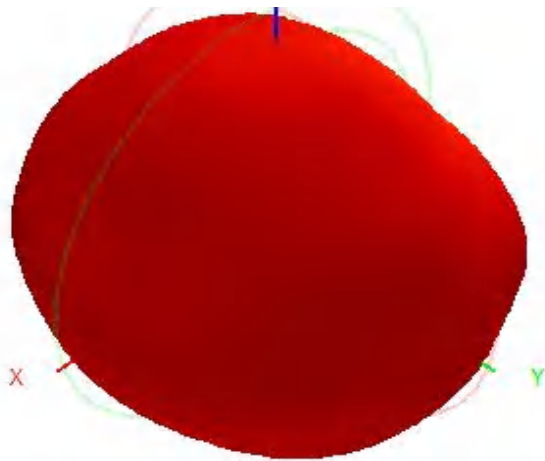
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Back View



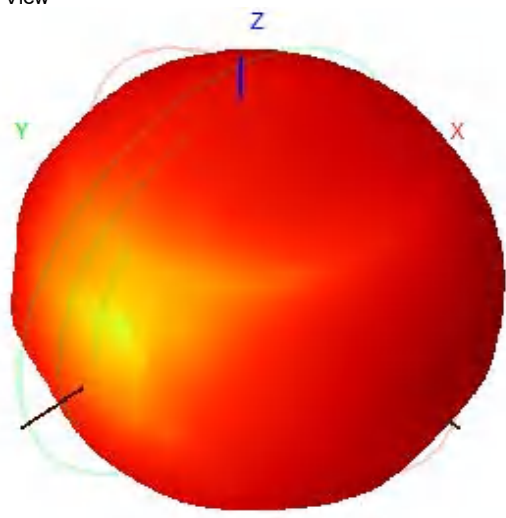
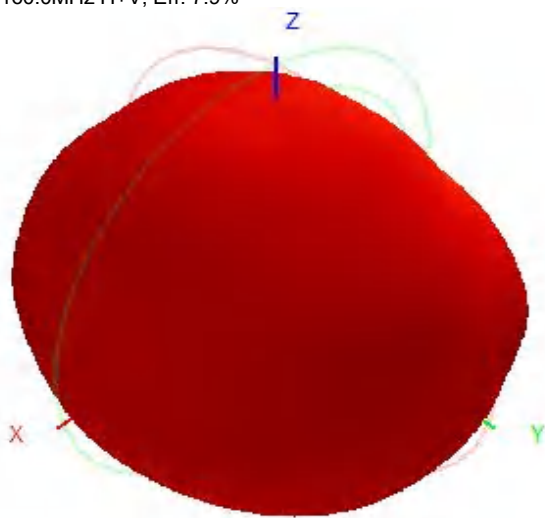
2150.0MHz H+V, Eff: 7.5%

Back View



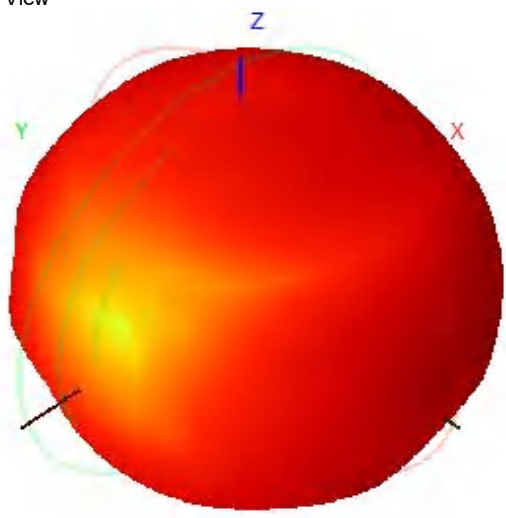
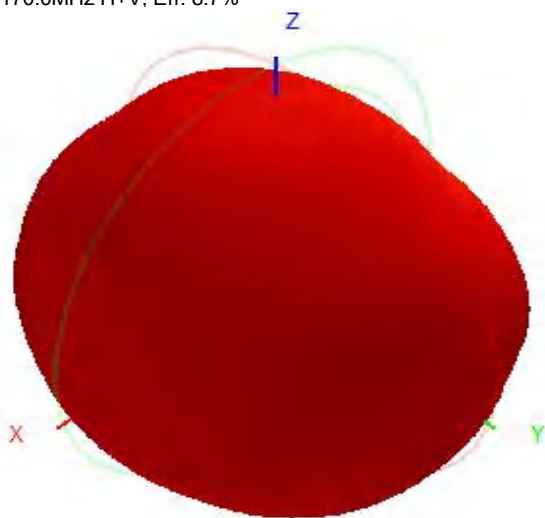
2160.0MHz H+V, Eff: 7.9%

Back View



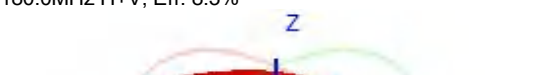
2170.0MHz H+V, Eff: 8.7%

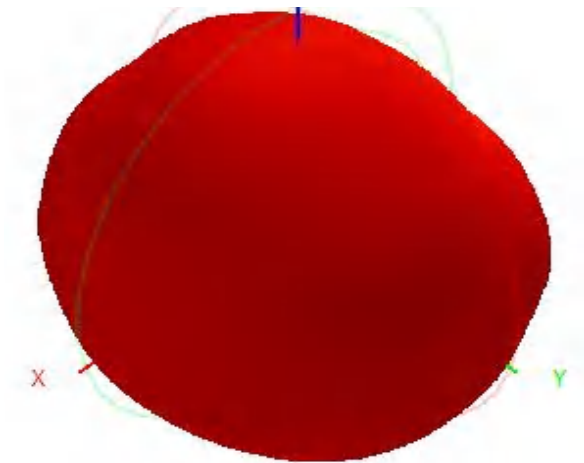
Back View



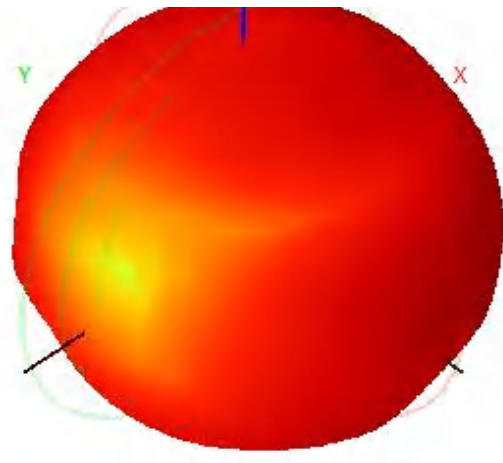
2180.0MHz H+V, Eff: 8.3%

Back View

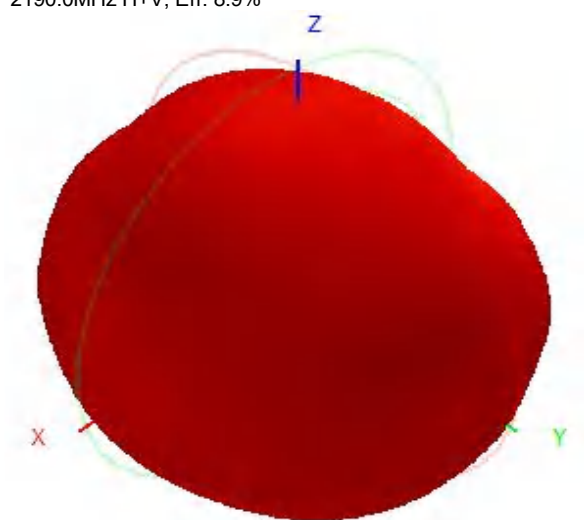




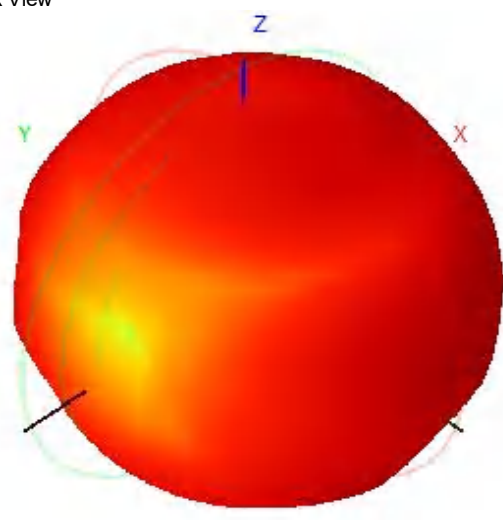
2190.0MHz H+V, Eff: 8.9%



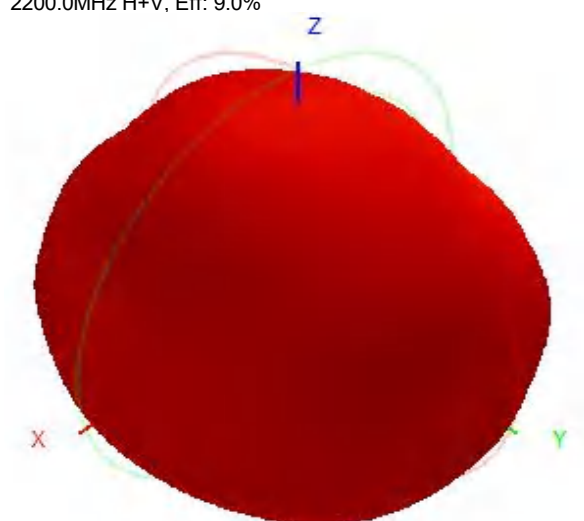
Back View



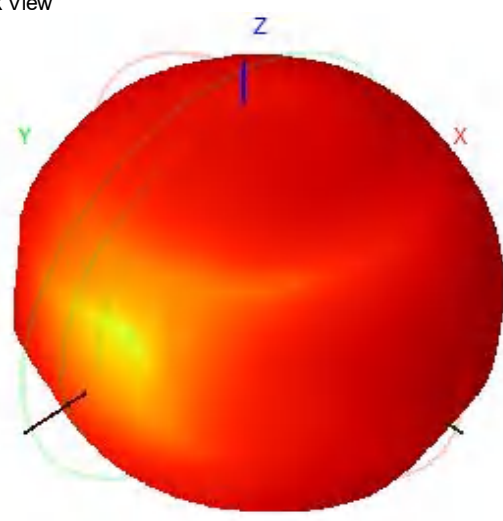
2200.0MHz H+V, Eff: 9.0%



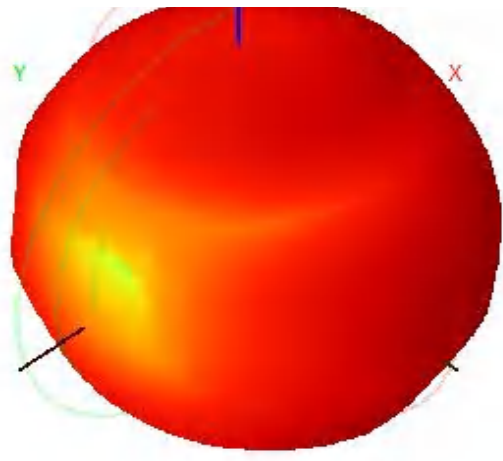
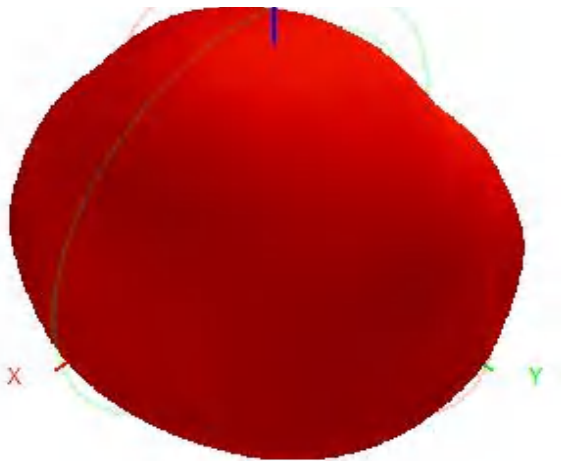
Back View



2210.0MHz H+V, Eff: 9.8%

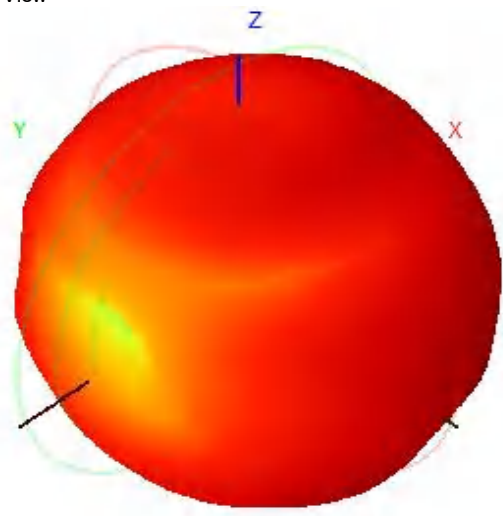
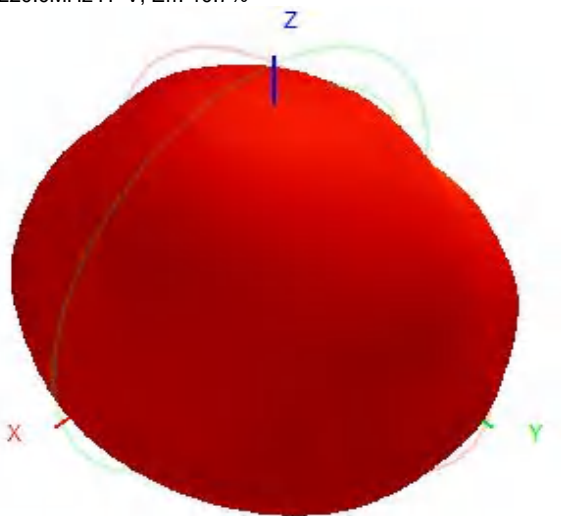


Back View



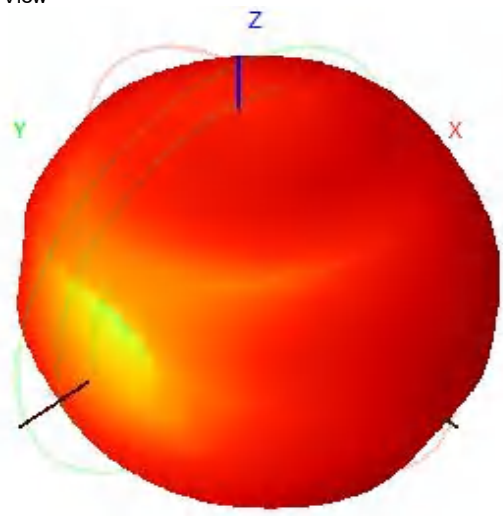
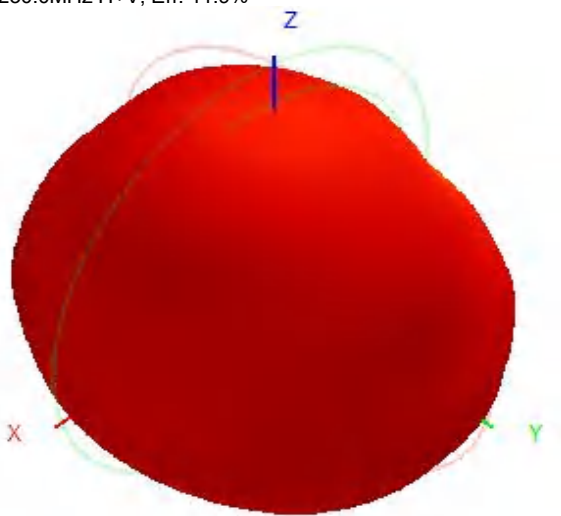
2220.0MHz H+V, Eff: 10.7%

Back View



2230.0MHz H+V, Eff: 11.9%

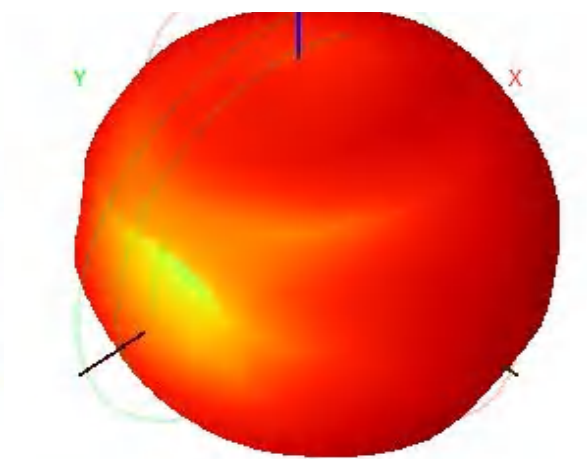
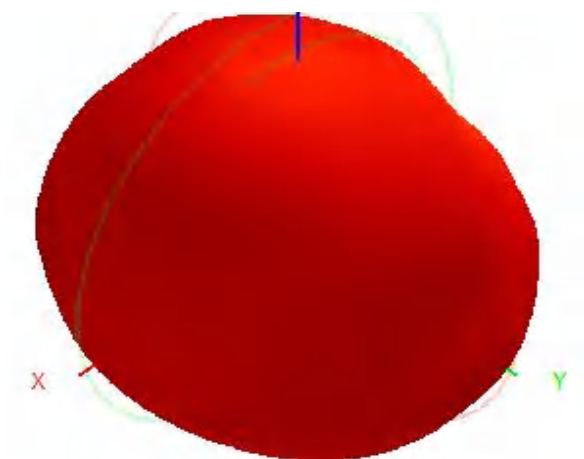
Back View



2240.0MHz H+V, Eff: 13.0%

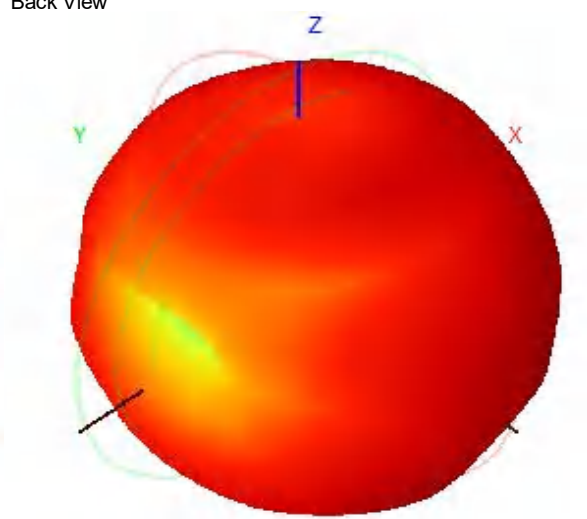
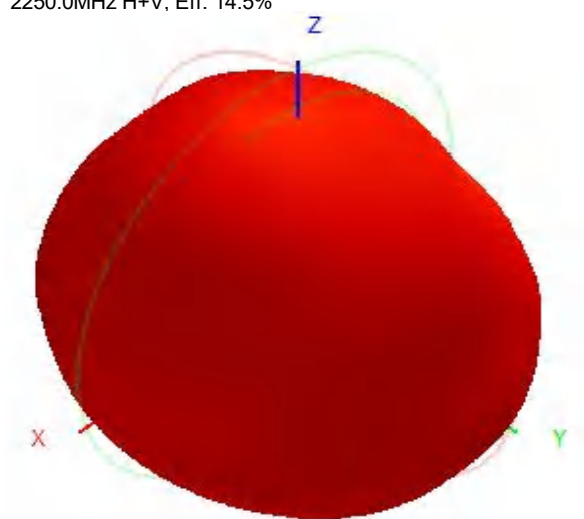
Back View





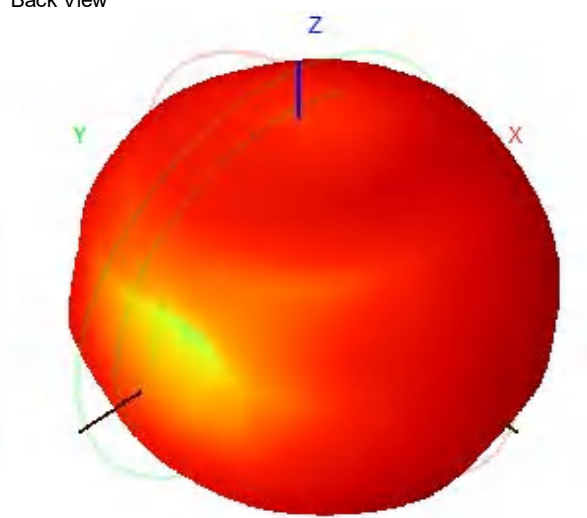
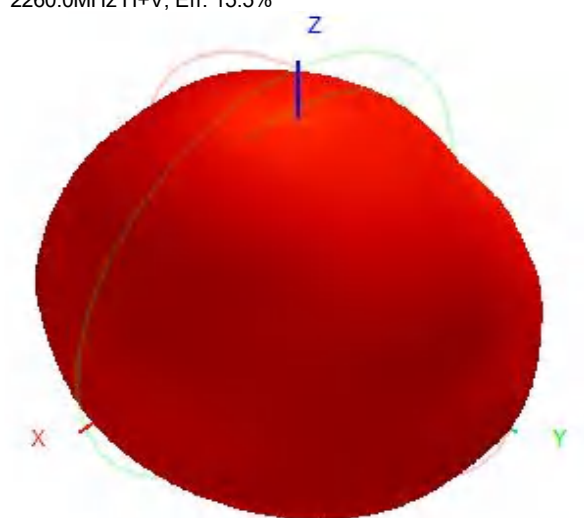
2250.0MHz H+V, Eff: 14.5%

Back View



2260.0MHz H+V, Eff: 15.5%

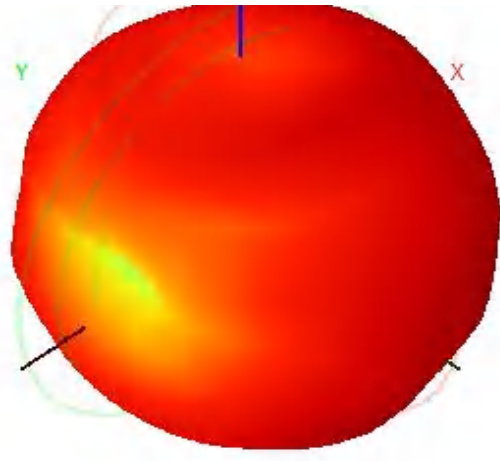
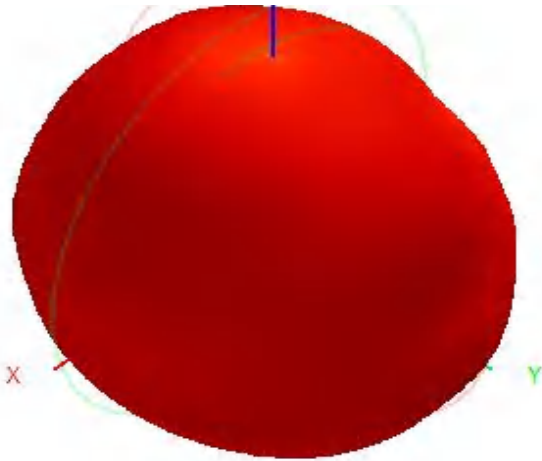
Back View



2270.0MHz H+V, Eff: 16.2%

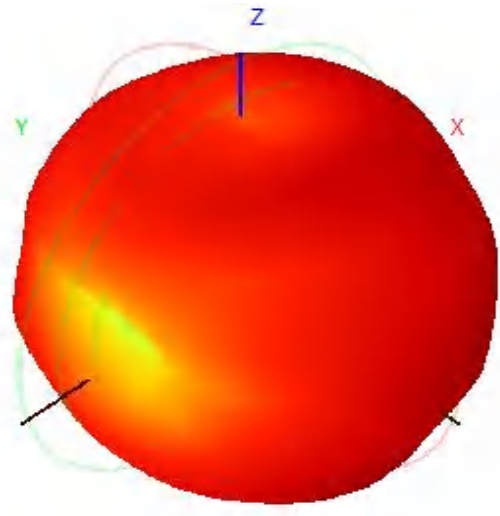
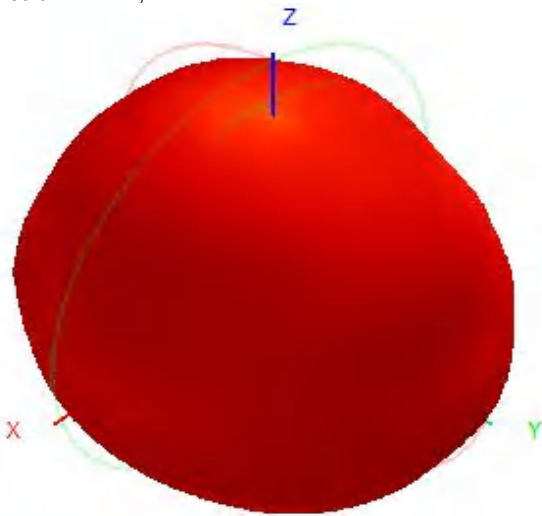
Back View





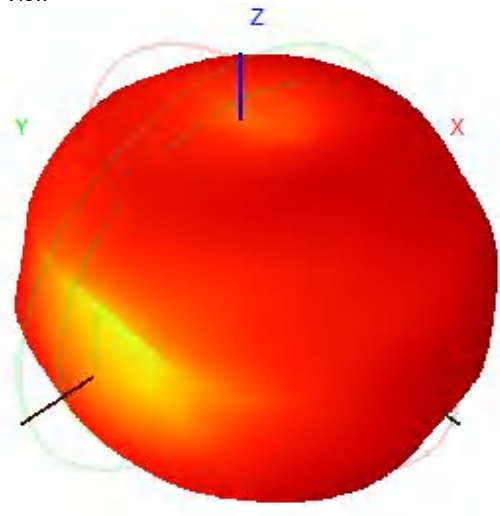
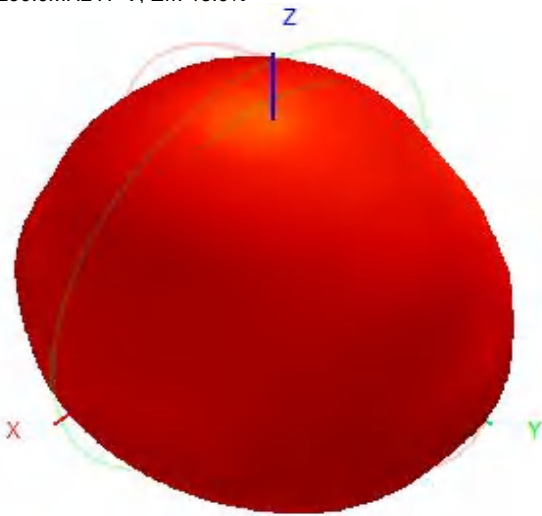
2280.0MHz H+V, Eff: 17.2%

Back View



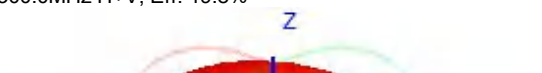
2290.0MHz H+V, Eff: 18.0%

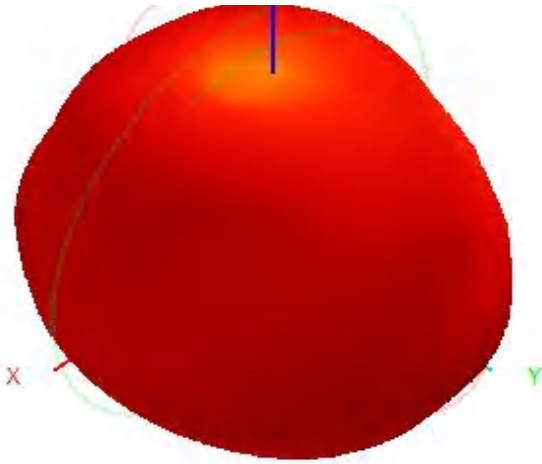
Back View



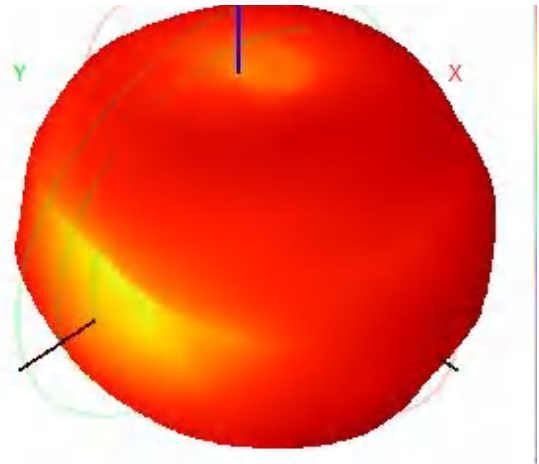
2300.0MHz H+V, Eff: 19.8%

Back View

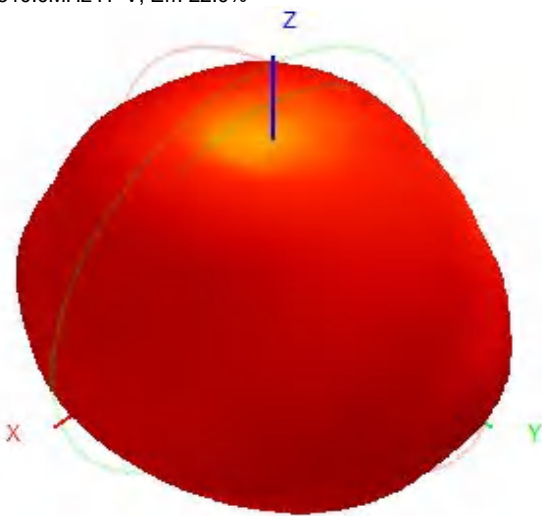




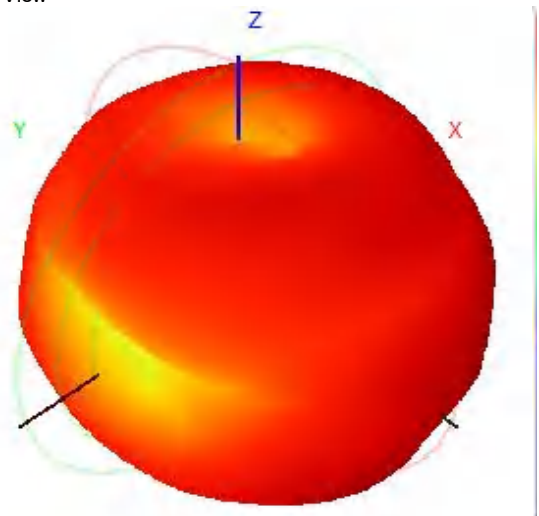
2310.0MHz H+V, Eff: 22.0%



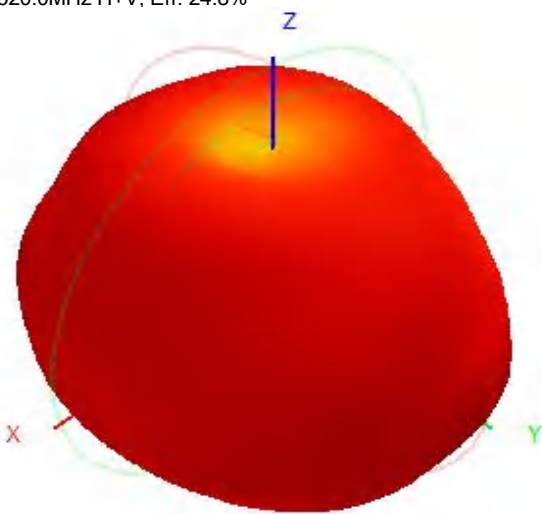
Back View



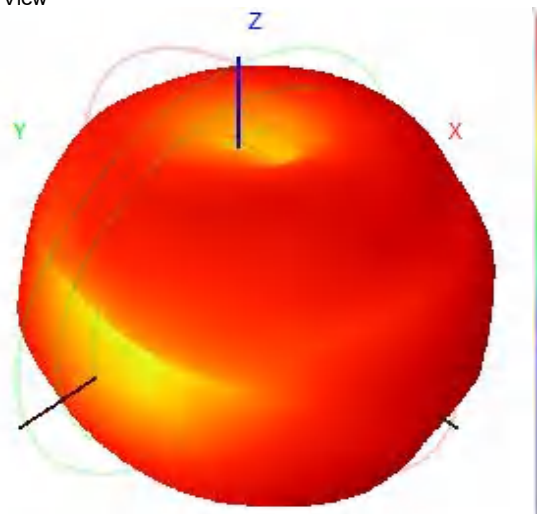
2320.0MHz H+V, Eff: 24.8%



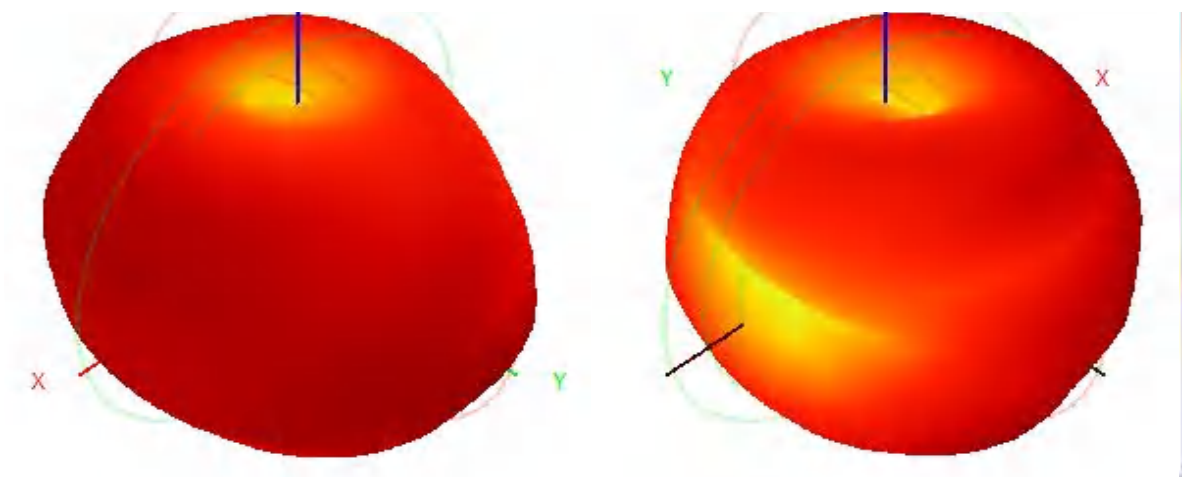
Back View



2330.0MHz H+V, Eff: 27.4%

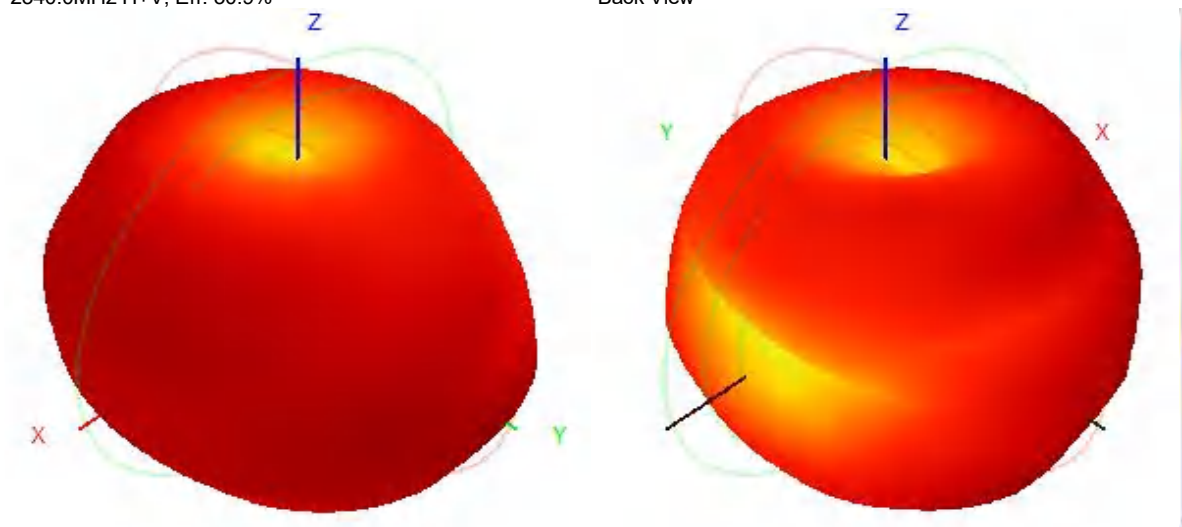


Back View



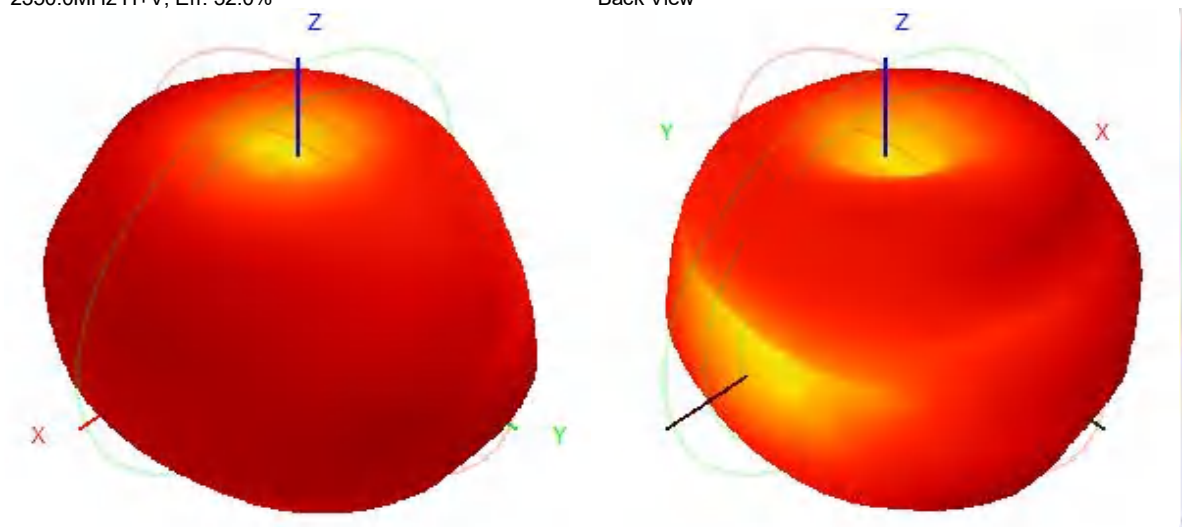
2340.0MHz H+V, Eff: 30.9%

Back View



2350.0MHz H+V, Eff: 32.0%

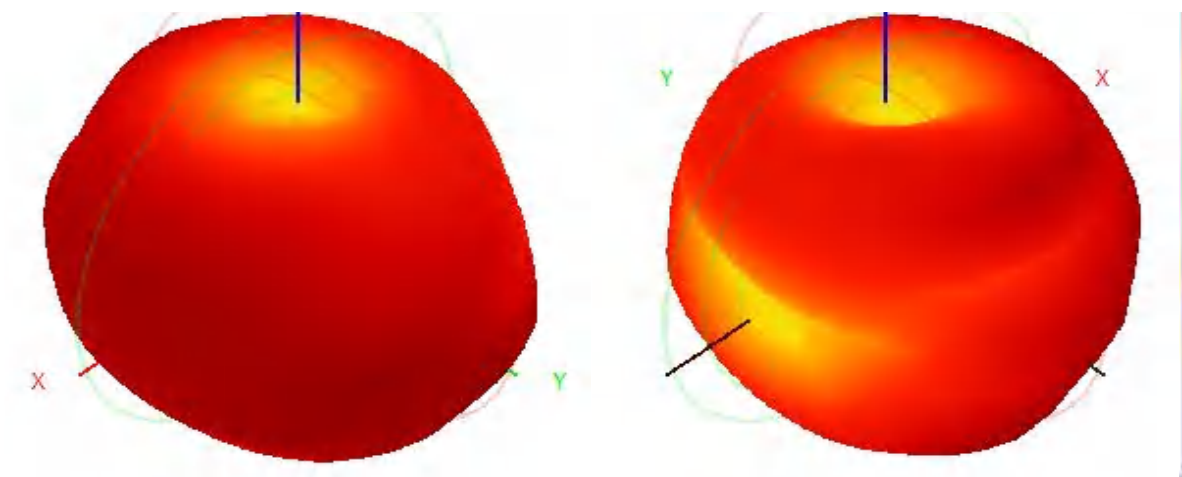
Back View



2360.0MHz H+V, Eff: 34.7%

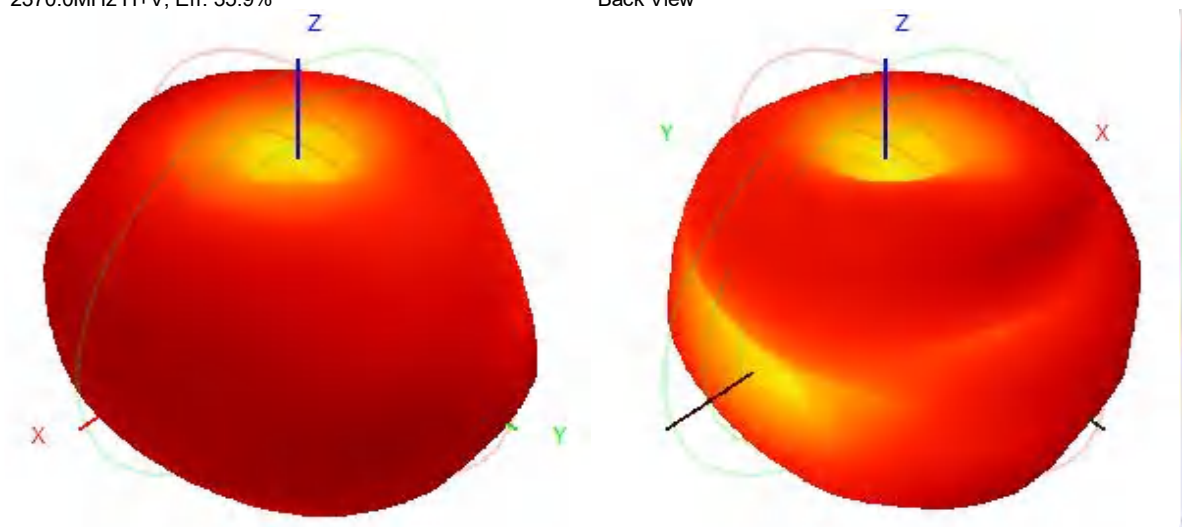
Back View





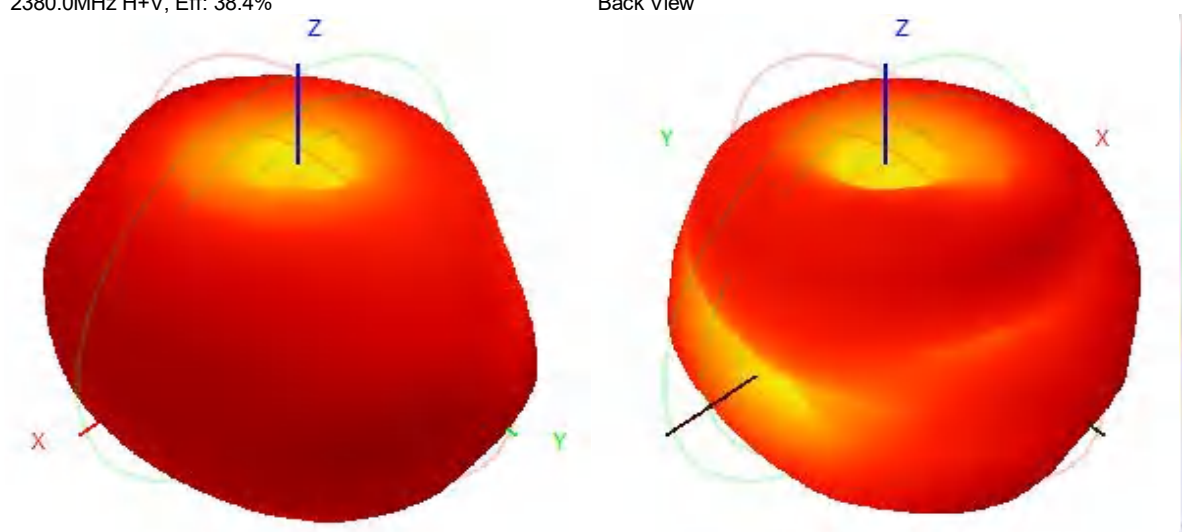
2370.0MHz H+V, Eff: 35.9%

Back View



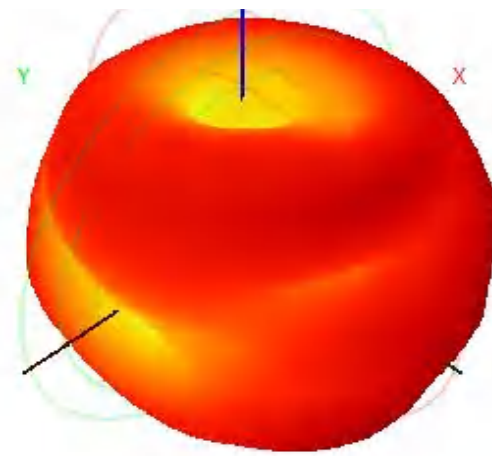
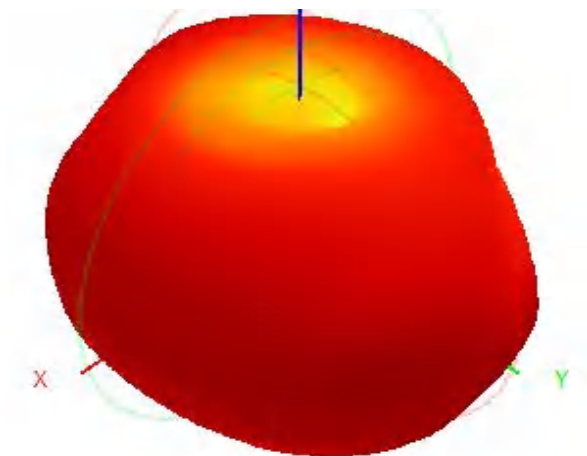
2380.0MHz H+V, Eff: 38.4%

Back View



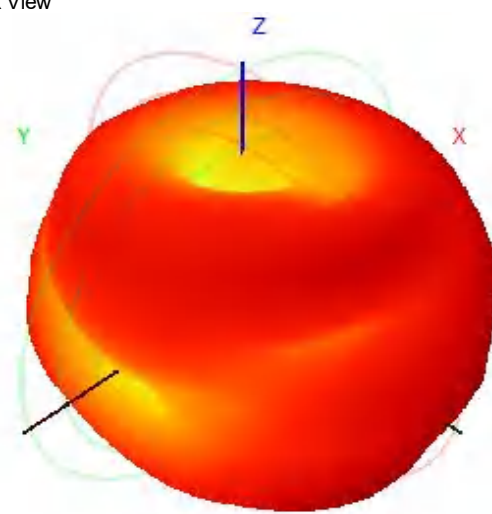
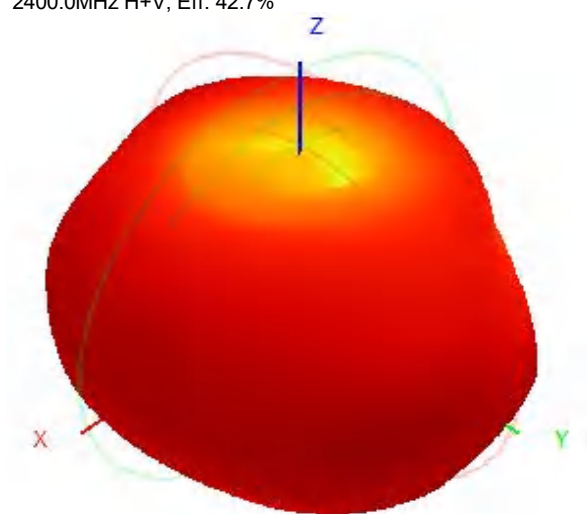
2390.0MHz H+V, Eff: 40.7%

Back View



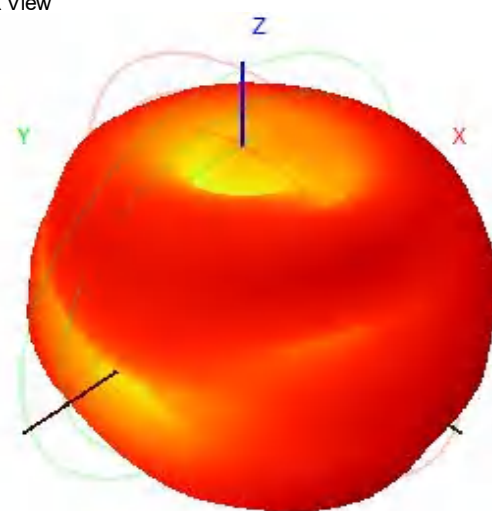
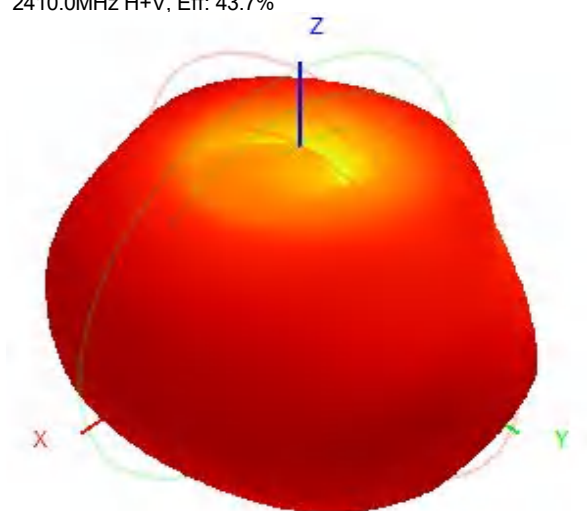
2400.0MHz H+V, Eff: 42.7%

Back View



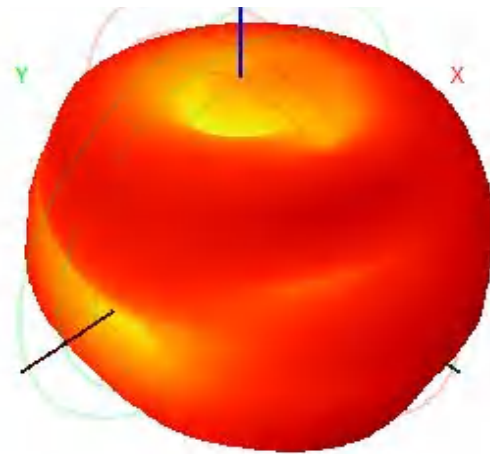
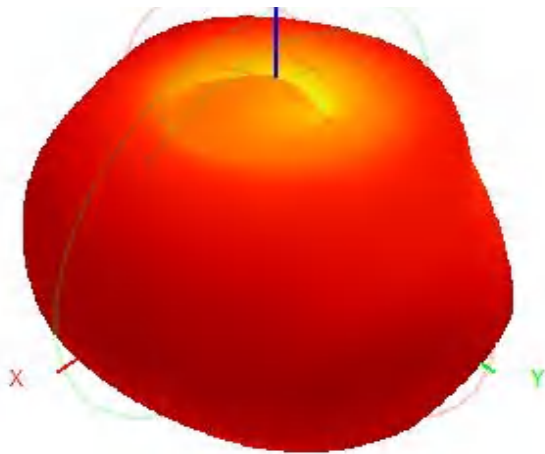
2410.0MHz H+V, Eff: 43.7%

Back View



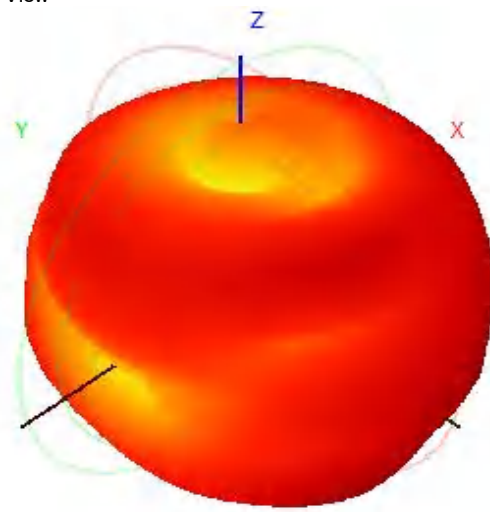
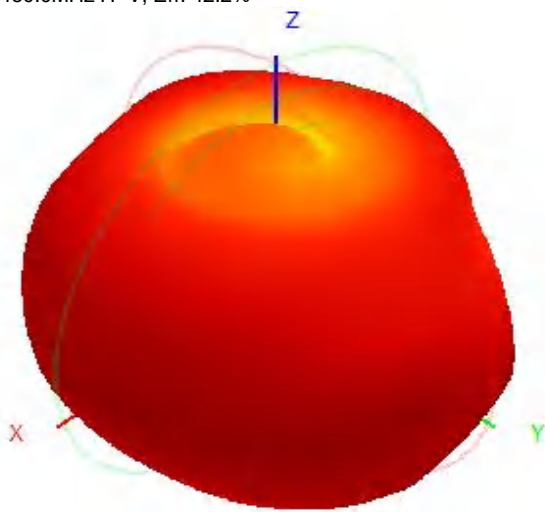
2420.0MHz H+V, Eff: 43.4%

Back View



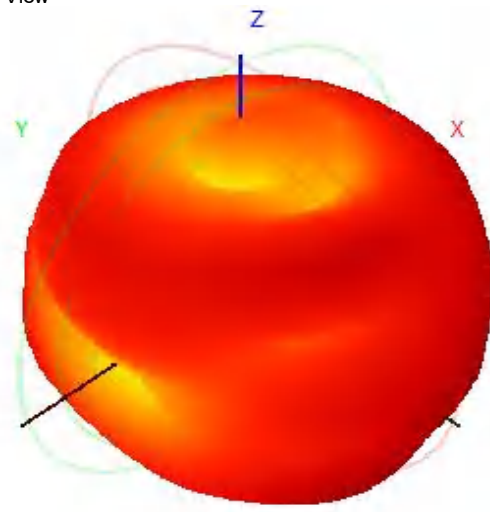
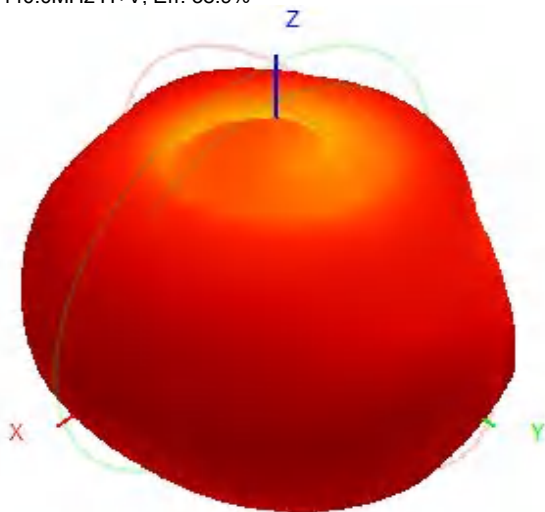
2430.0MHz H+V, Eff: 42.2%

Back View



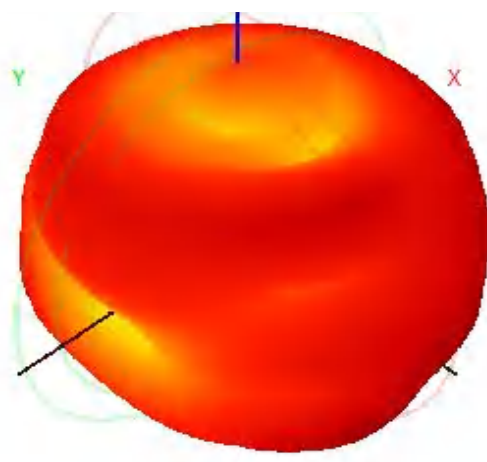
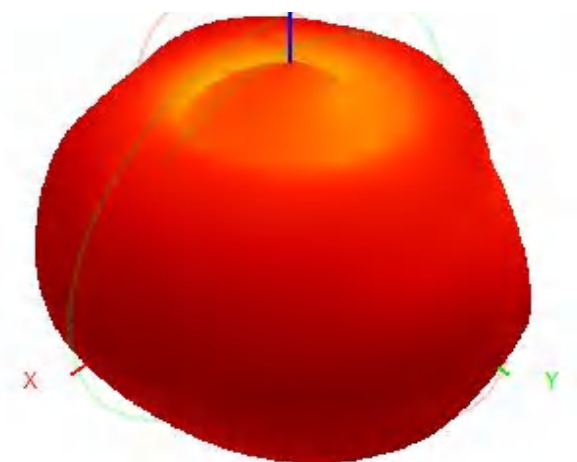
2440.0MHz H+V, Eff: 38.9%

Back View



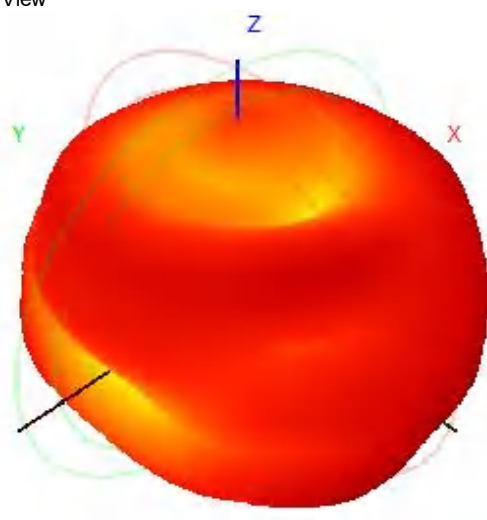
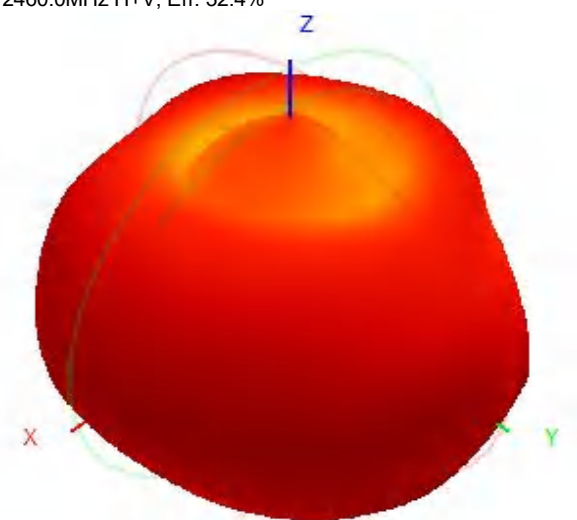
2450.0MHz H+V, Eff: 36.1%

Back View



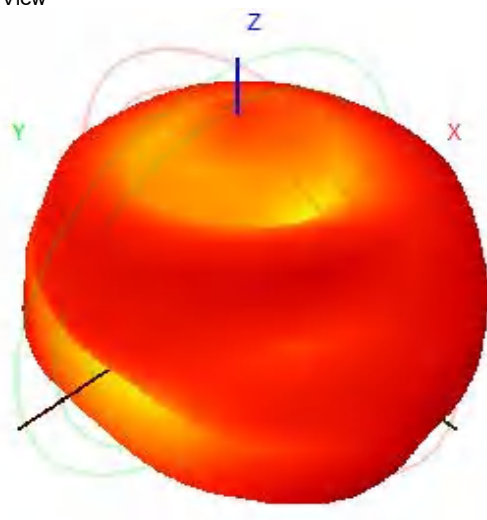
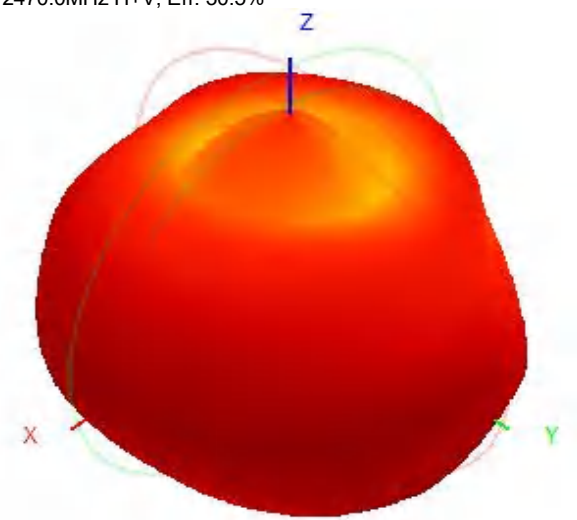
2460.0MHz H+V, Eff: 32.4%

Back View



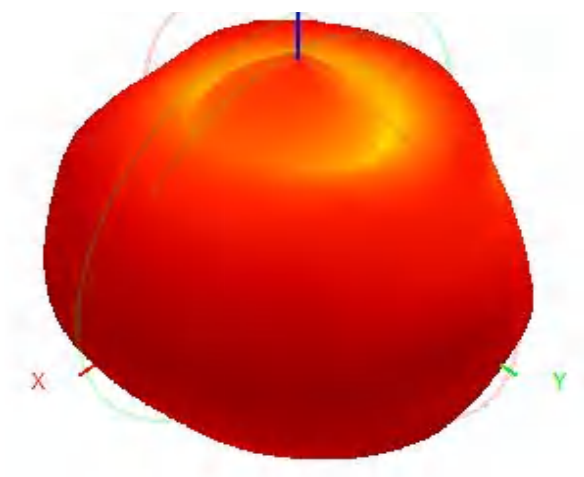
2470.0MHz H+V, Eff: 30.5%

Back View

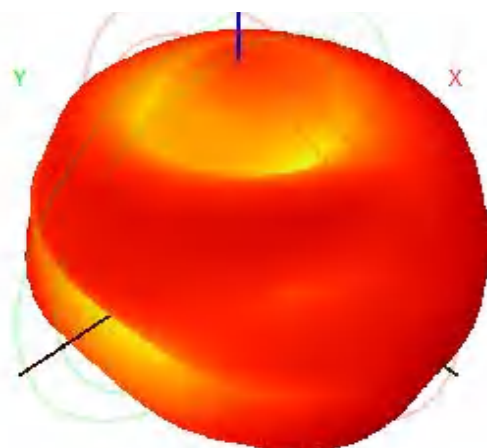


2480.0MHz H+V, Eff: 27.8%

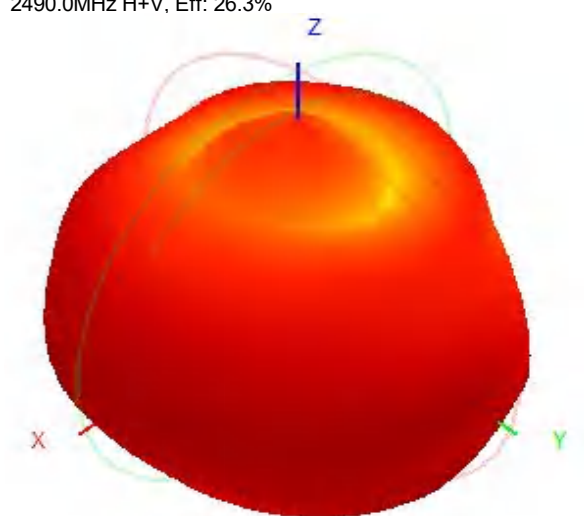
Back View



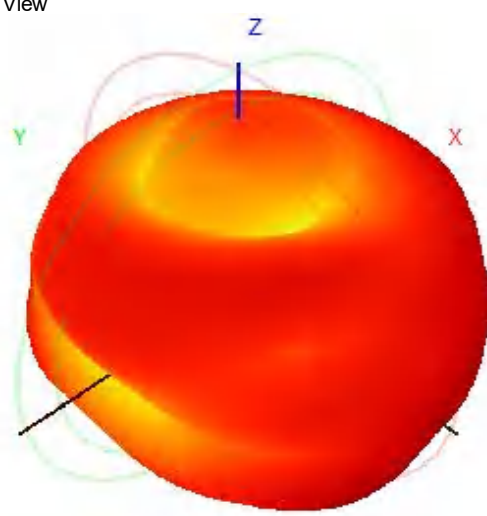
2490.0MHz H+V, Eff: 26.3%



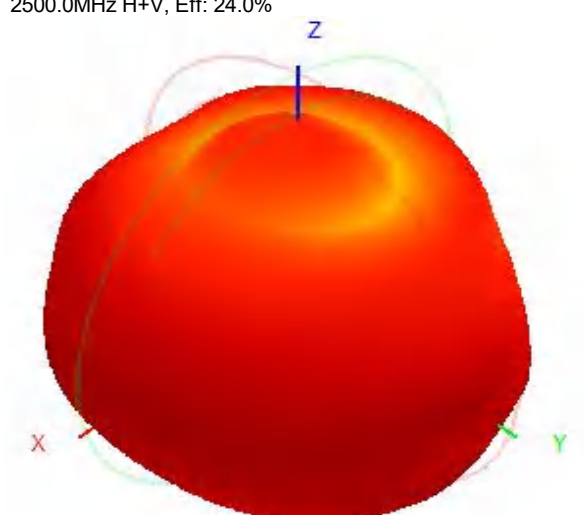
Back View



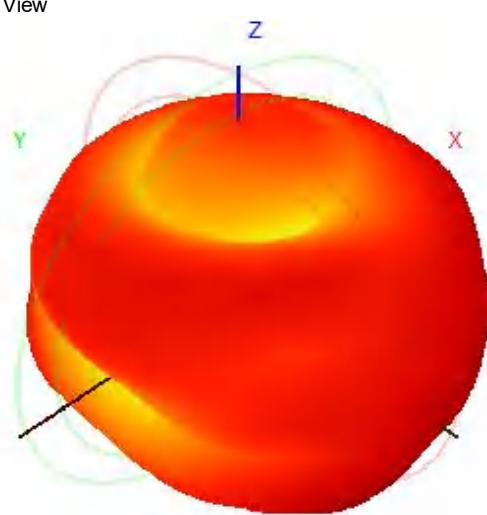
2500.0MHz H+V, Eff: 24.0%



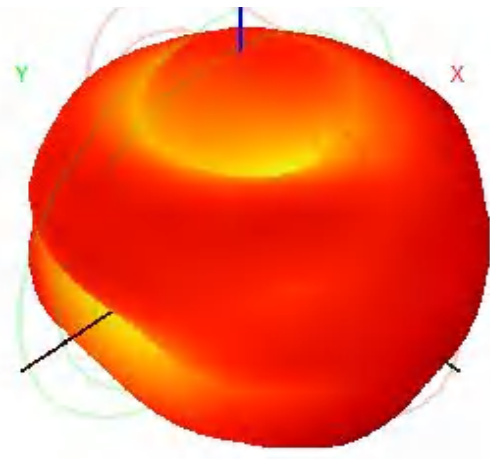
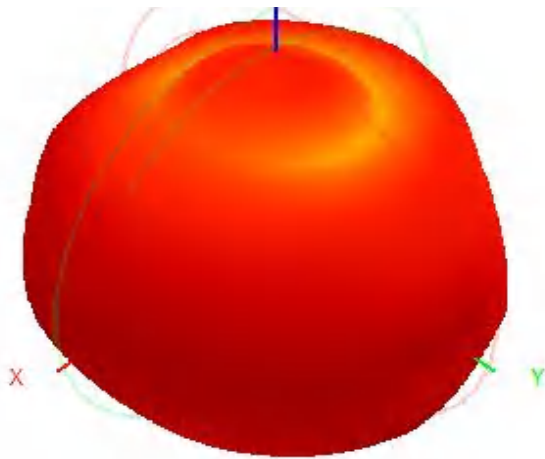
Back View



2510.0MHz H+V, Eff: 21.4%

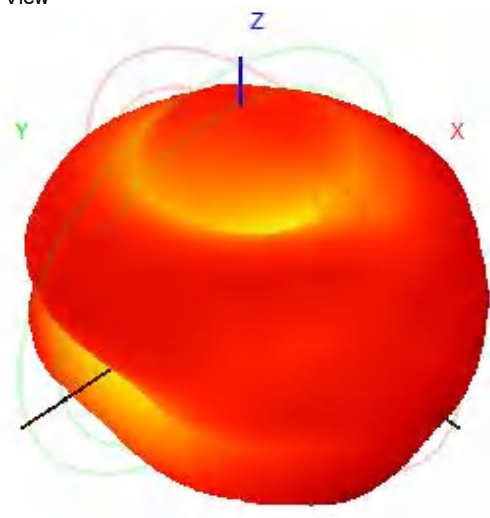
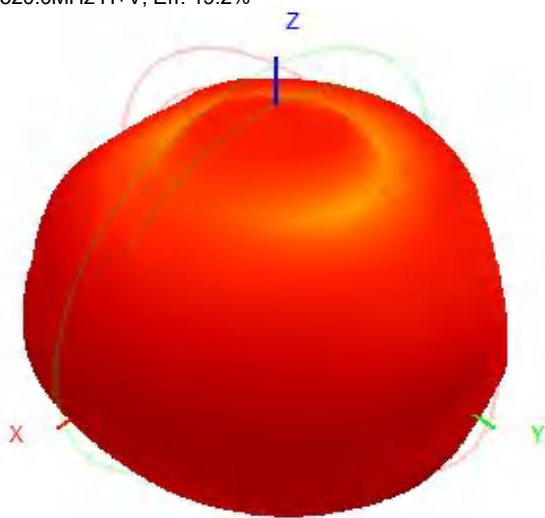


Back View



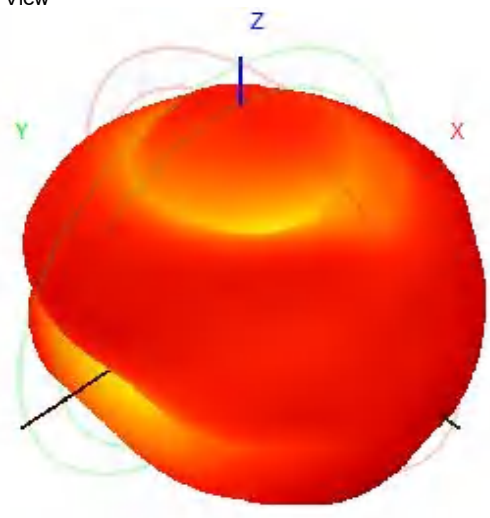
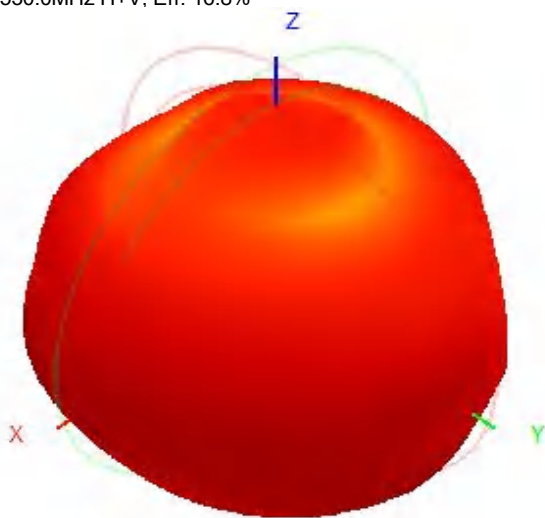
2520.0MHz H+V, Eff: 19.2%

Back View



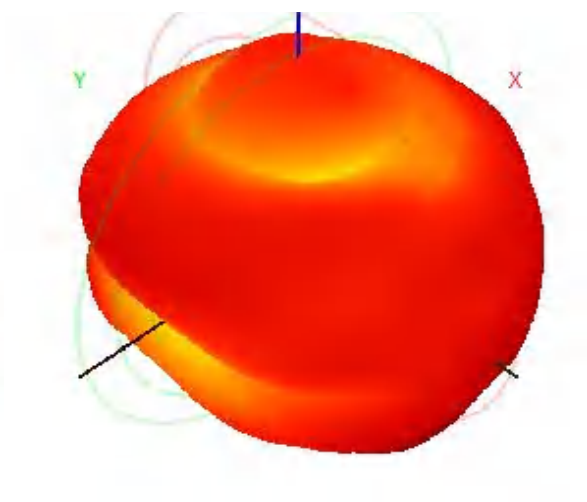
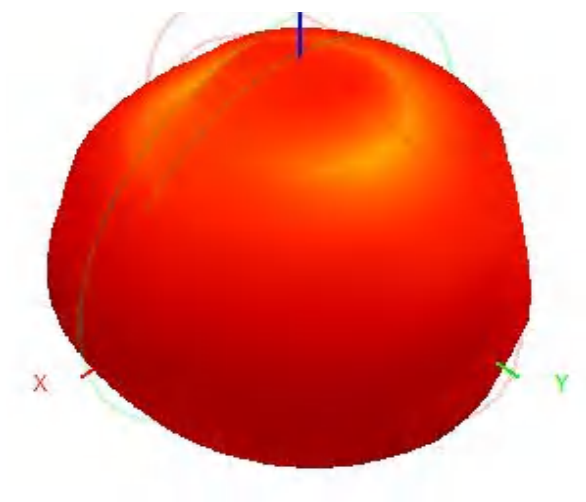
2530.0MHz H+V, Eff: 16.8%

Back View



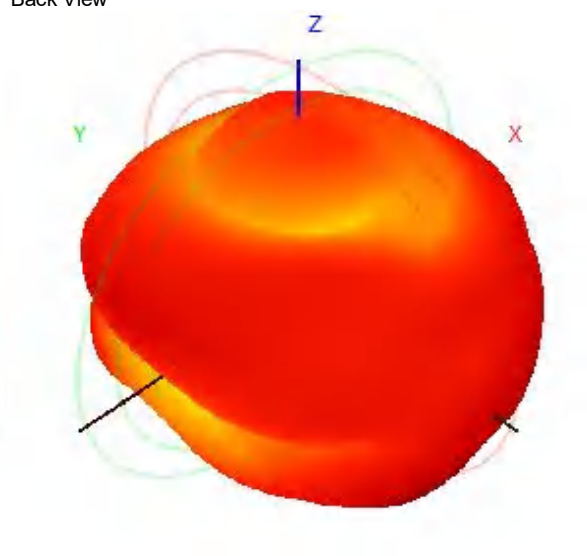
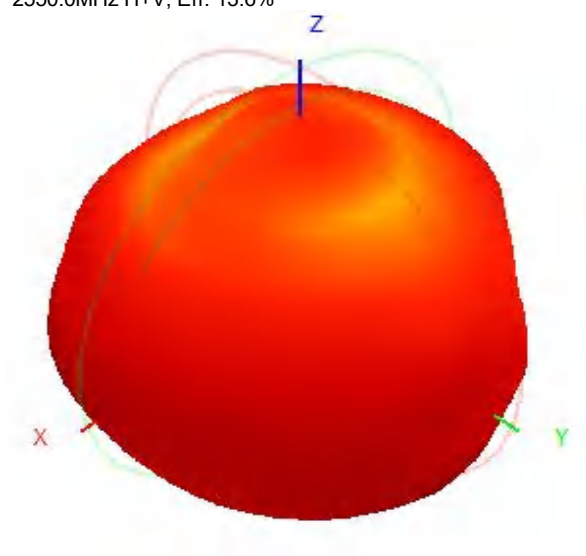
2540.0MHz H+V, Eff: 15.4%

Back View



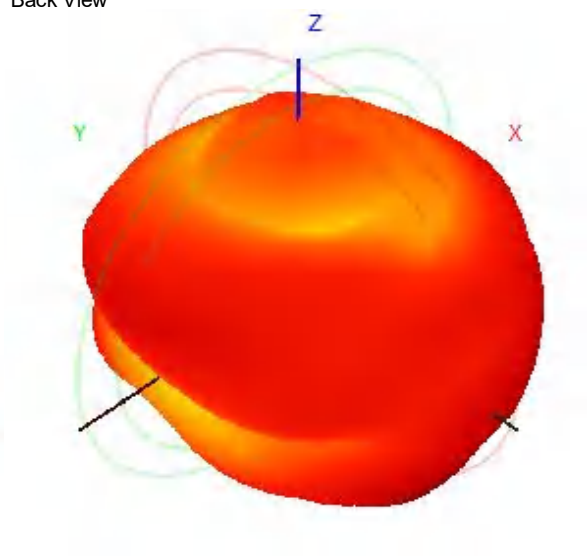
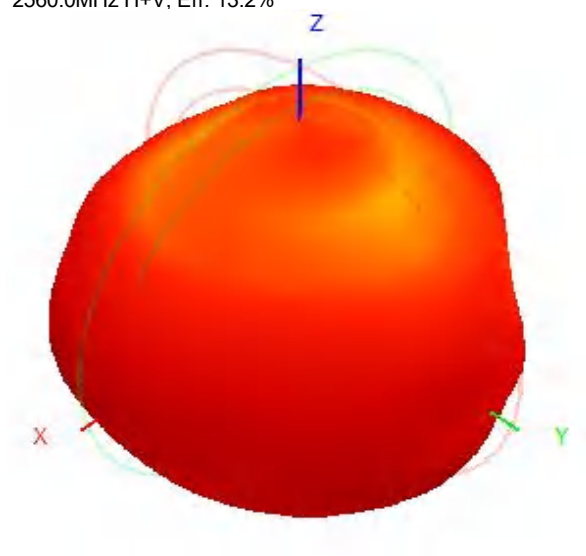
2550.0MHz H+V, Eff: 13.6%

Back View



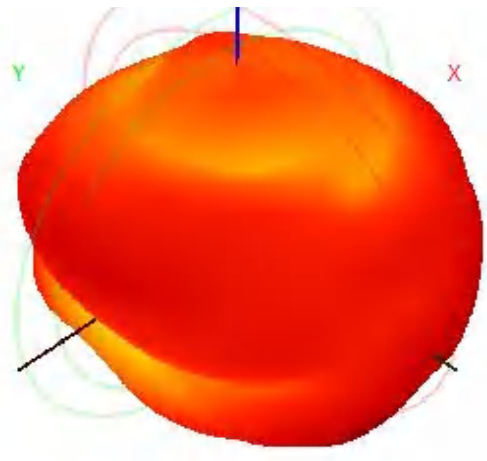
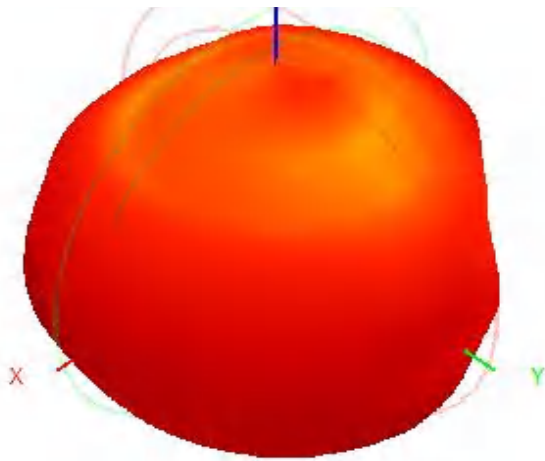
2560.0MHz H+V, Eff: 13.2%

Back View



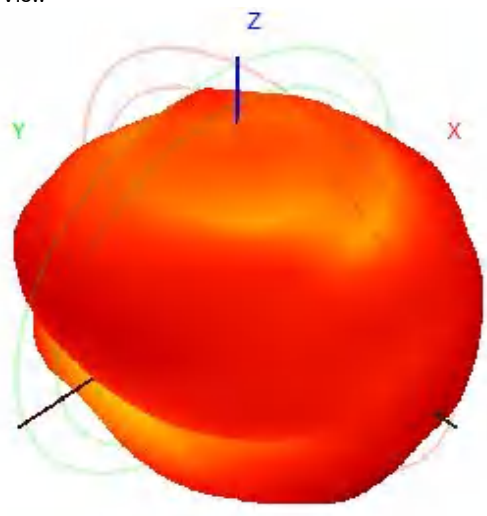
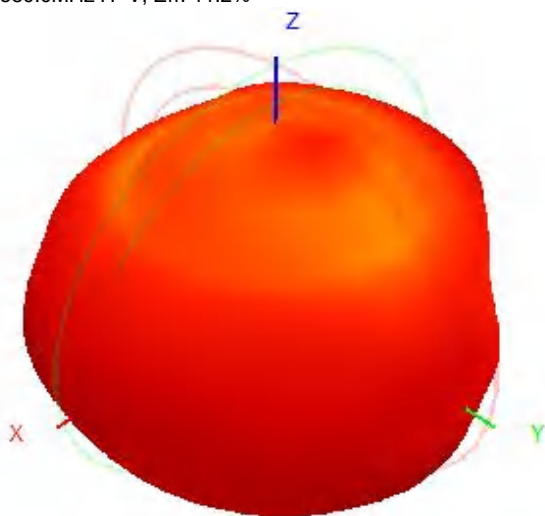
2570.0MHz H+V, Eff: 11.4%

Back View



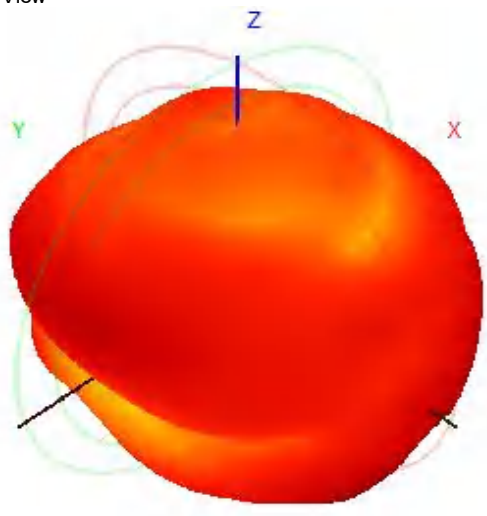
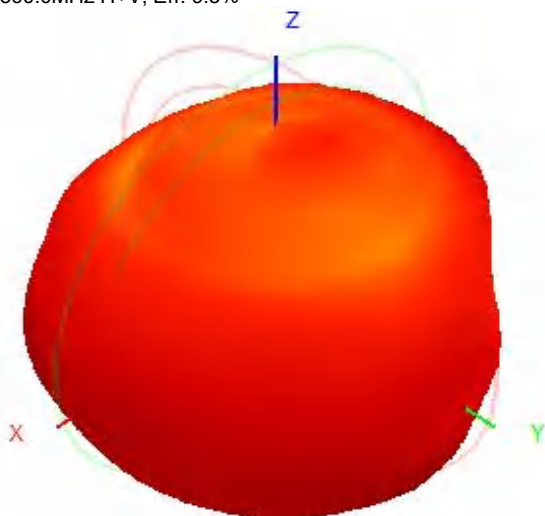
2580.0MHz H+V, Eff: 11.2%

Back View



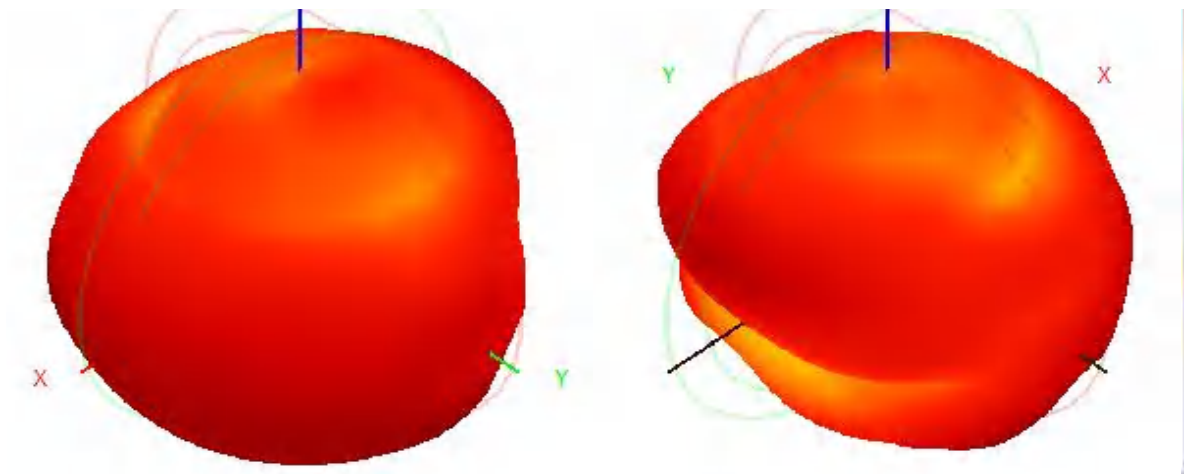
2590.0MHz H+V, Eff: 9.3%

Back View



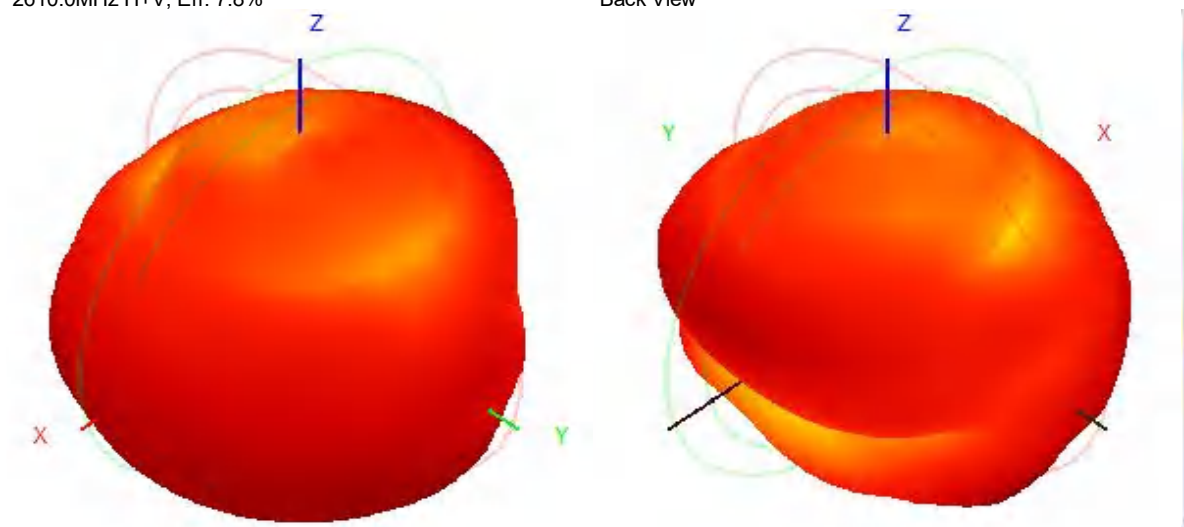
2600.0MHz H+V, Eff: 8.9%

Back View



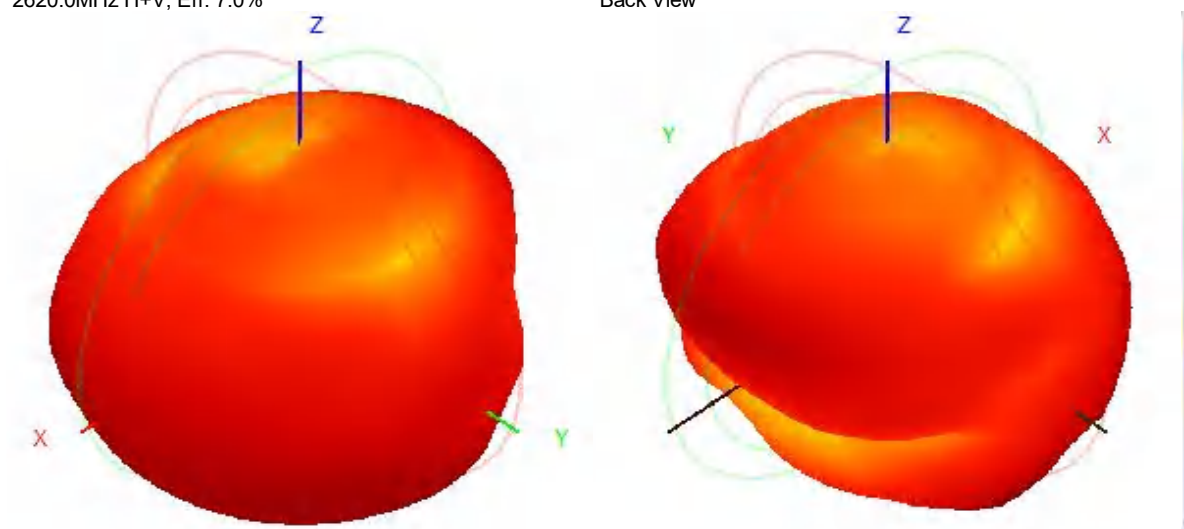
2610.0MHz H+V, Eff: 7.8%

Back View



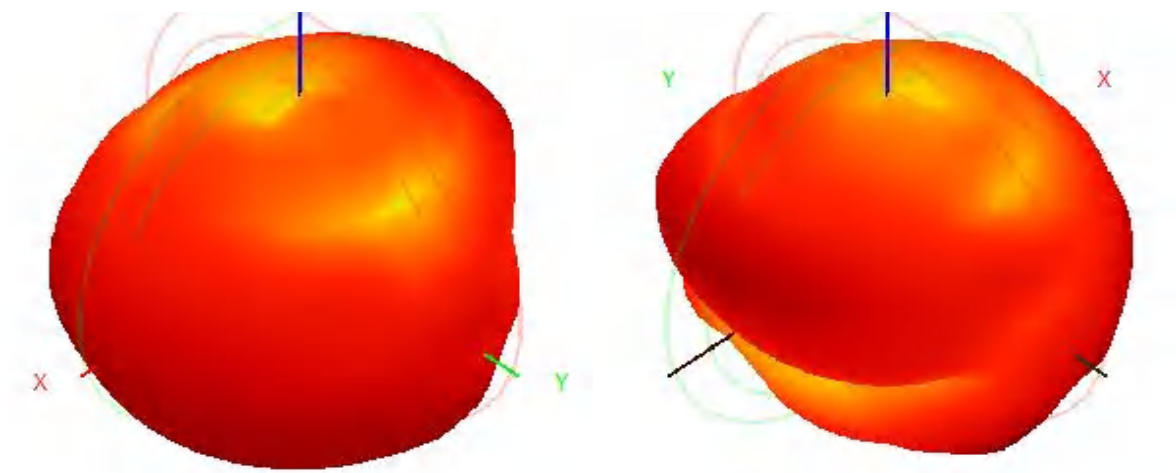
2620.0MHz H+V, Eff: 7.0%

Back View



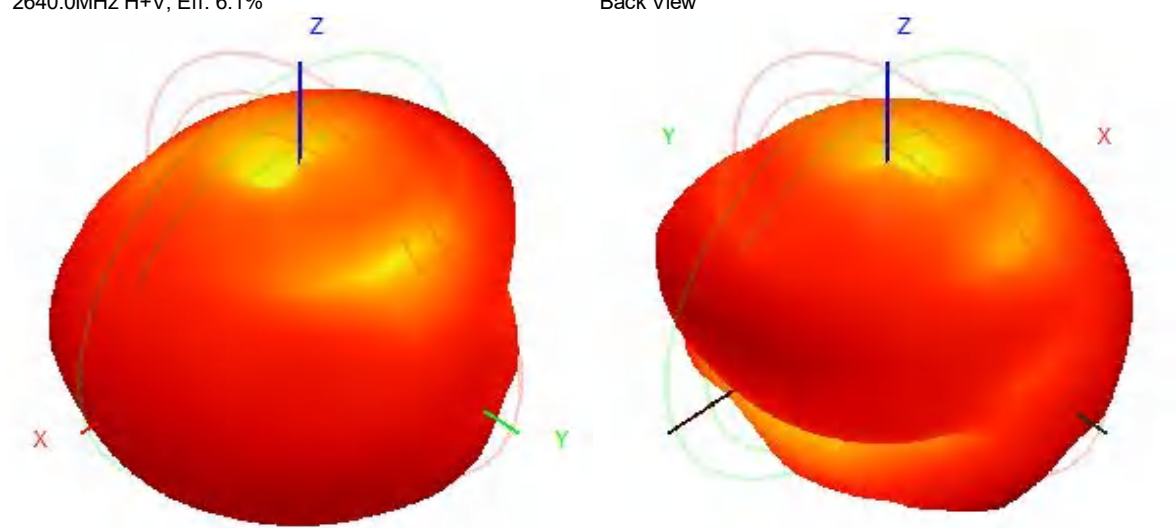
2630.0MHz H+V, Eff: 6.7%

Back View



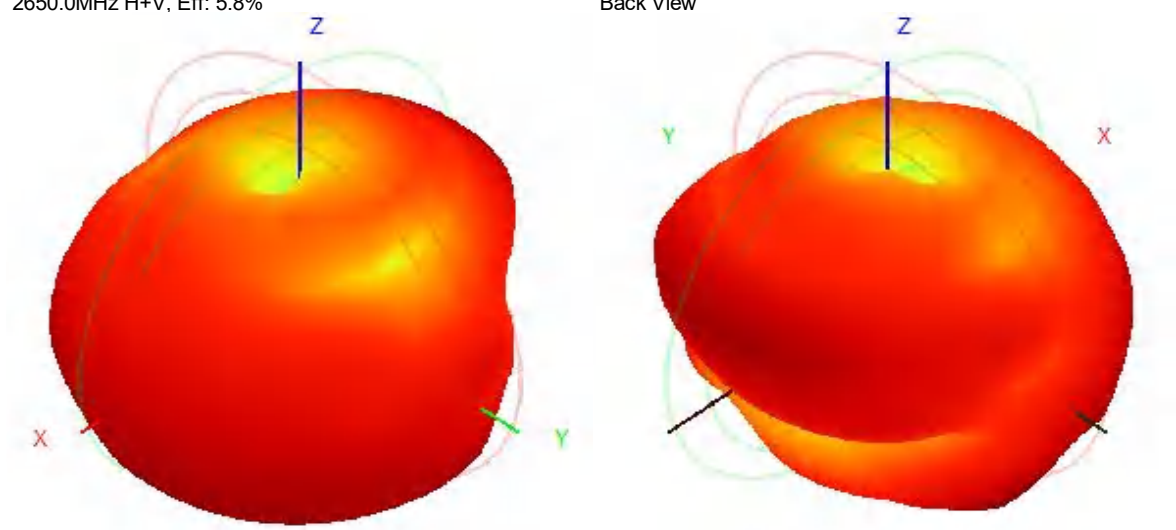
2640.0MHz H+V, Eff: 6.1%

Back View



2650.0MHz H+V, Eff: 5.8%

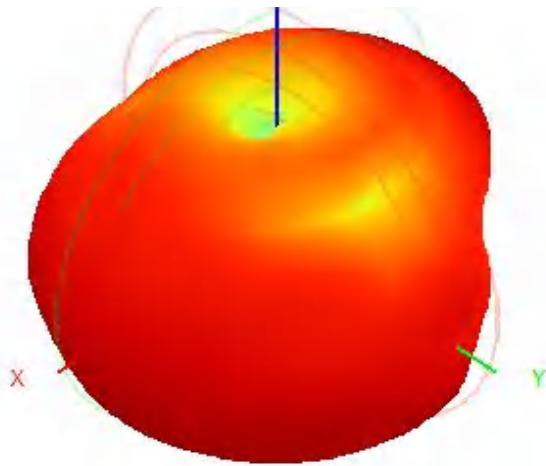
Back View



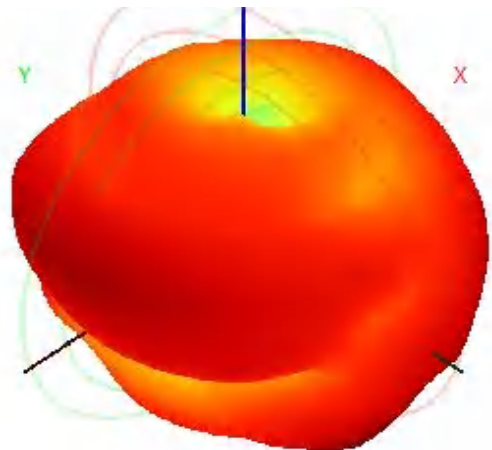
2660.0MHz H+V, Eff: 5.5%

Back View

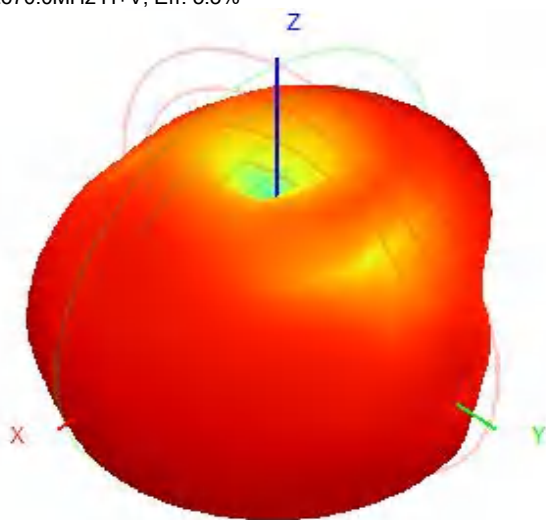




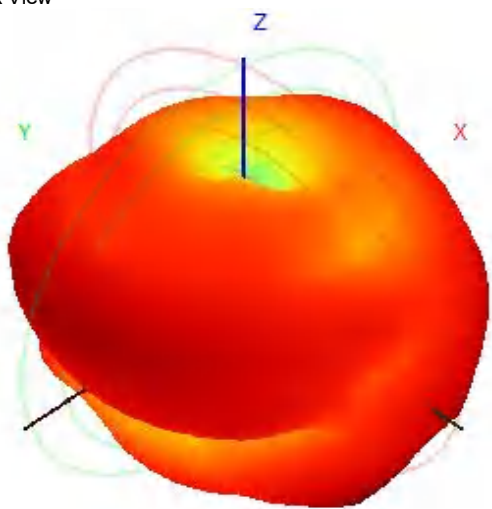
2670.0MHz H+V, Eff: 5.3%



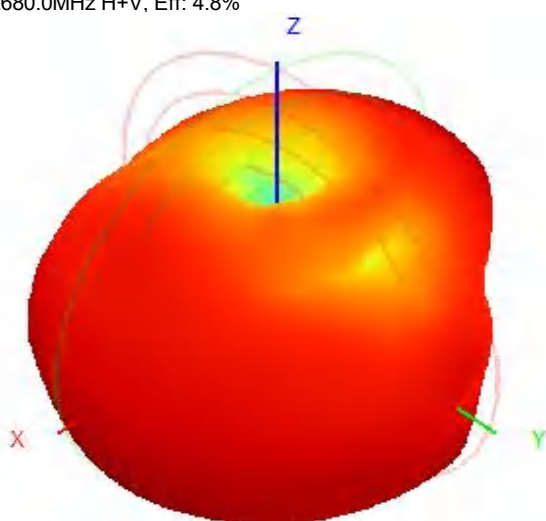
Back View



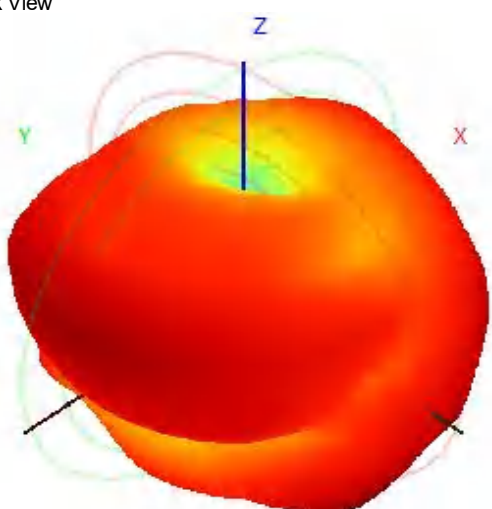
2680.0MHz H+V, Eff: 4.8%



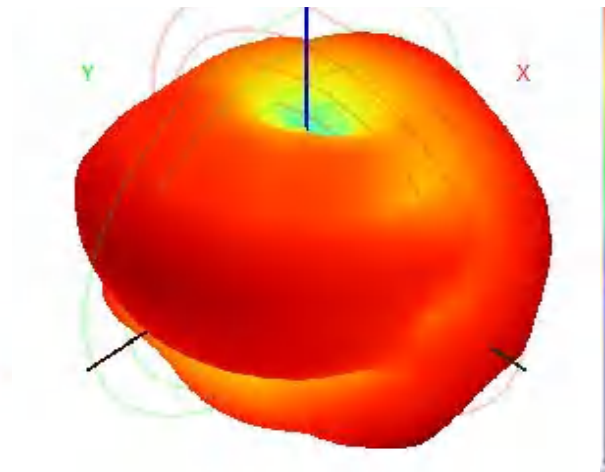
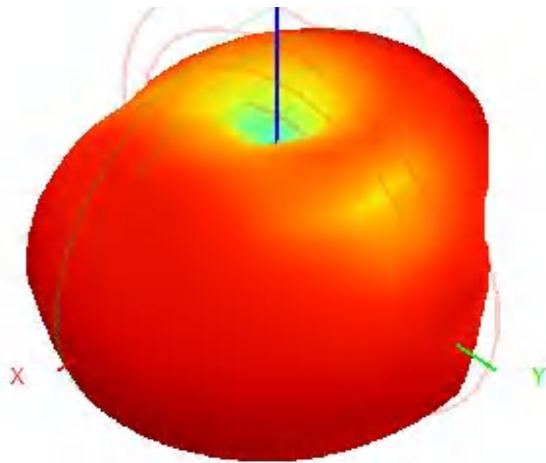
Back View



2690.0MHz H+V, Eff: 4.8%

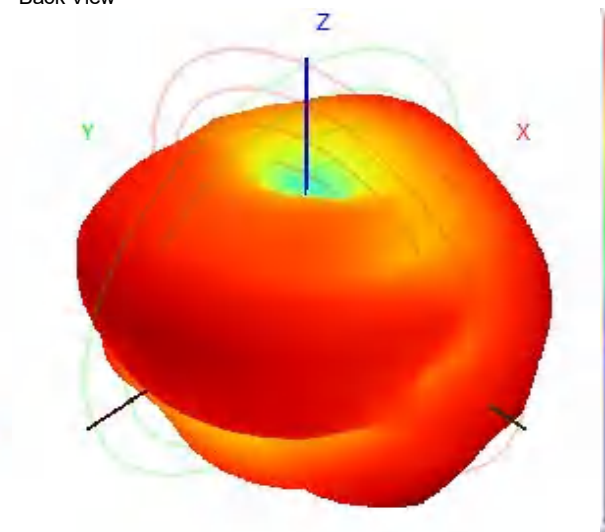
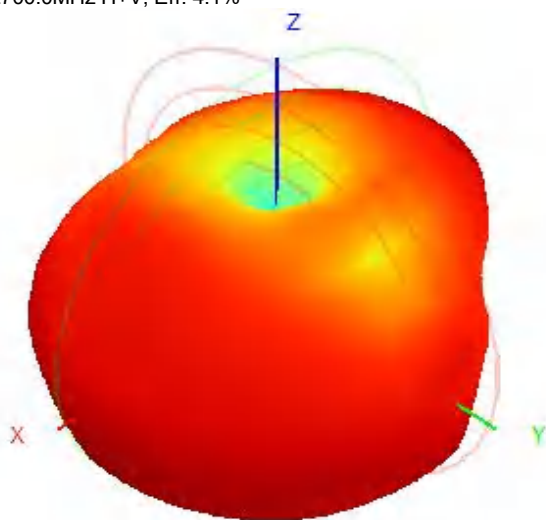


Back View



2700.0MHz H+V, Eff: 4.1%

Back View

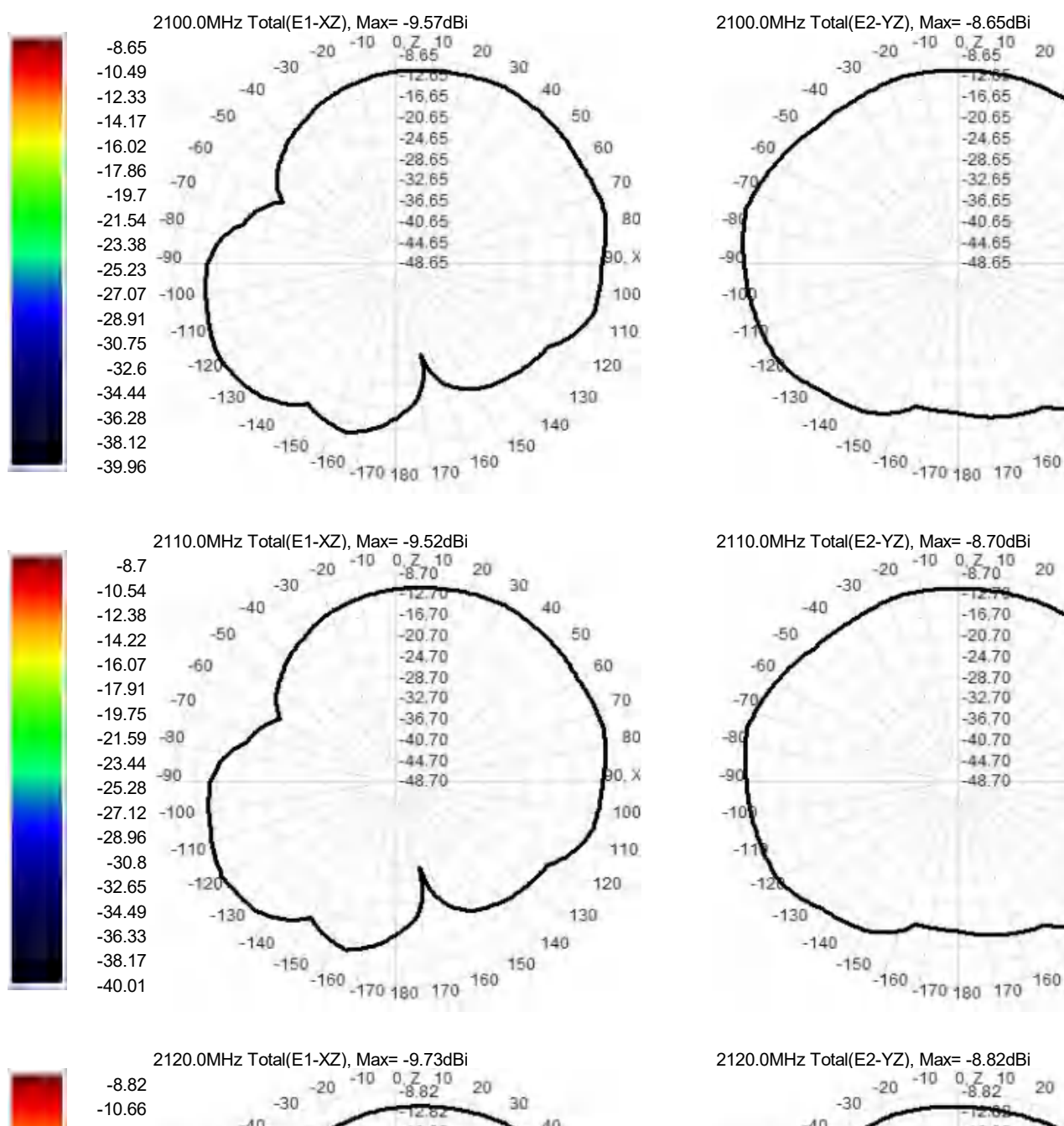


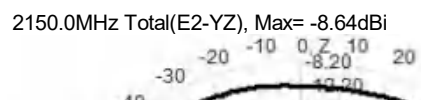
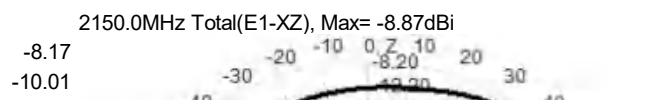
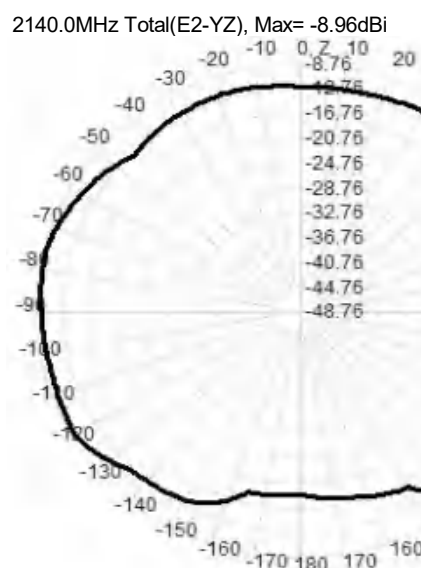
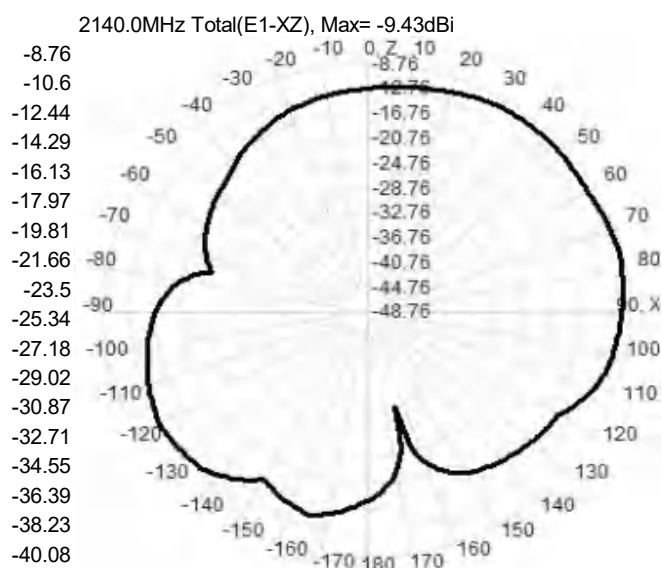
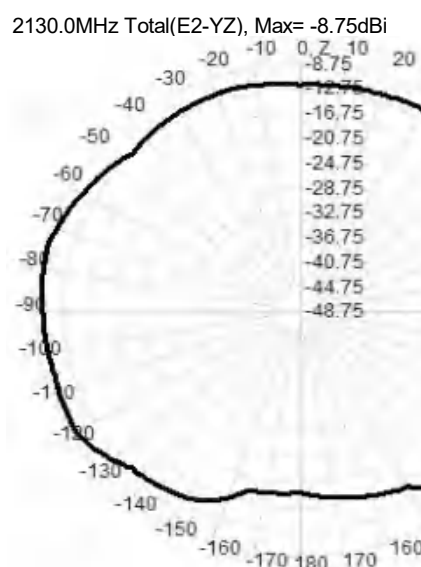
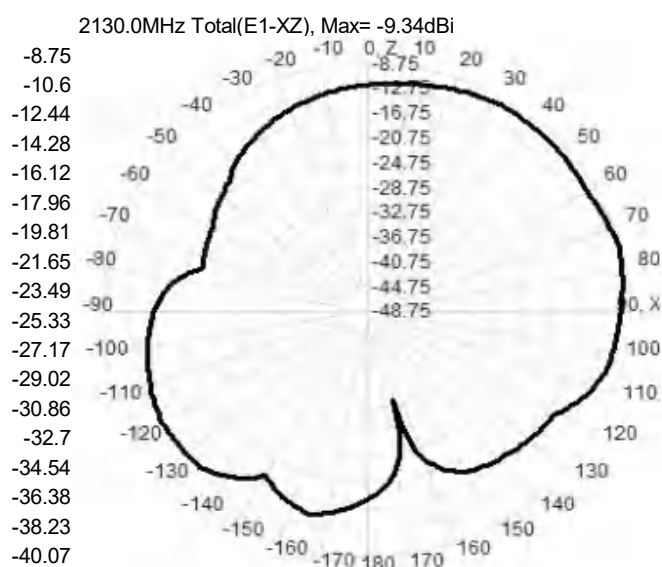
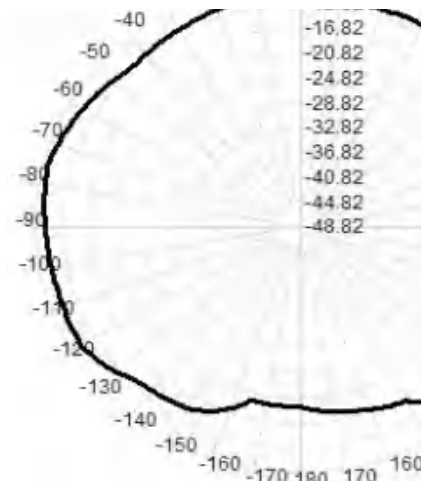
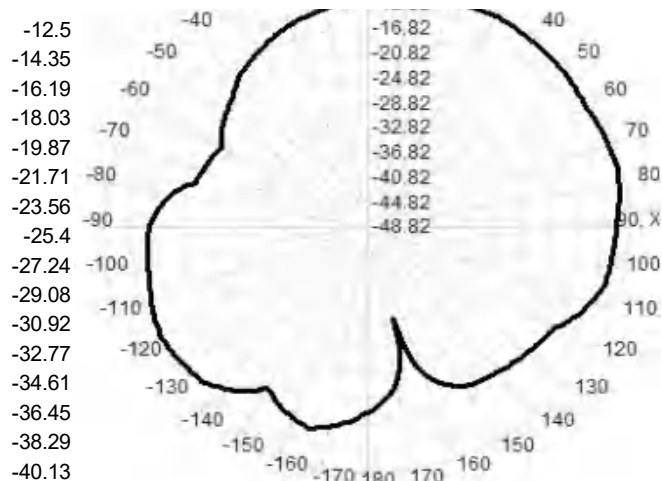
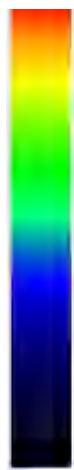
深圳市红心电子科技有限公司

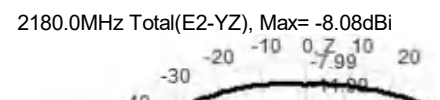
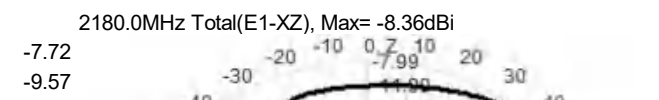
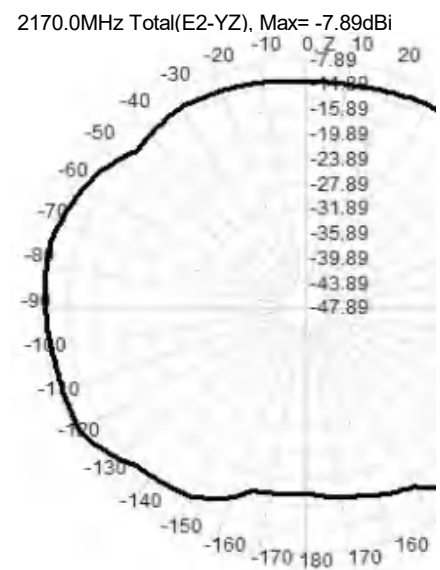
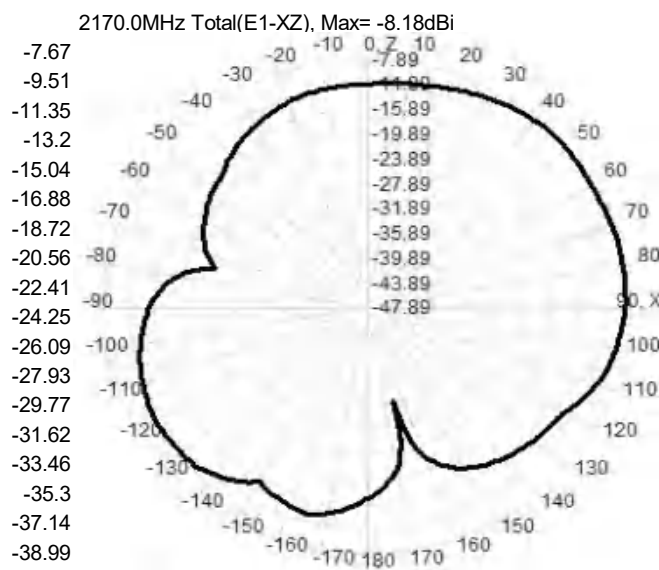
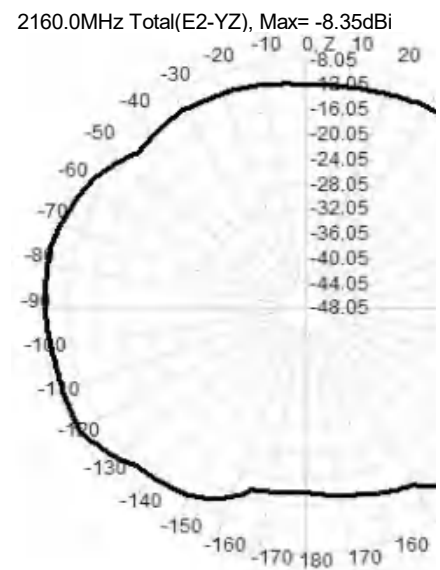
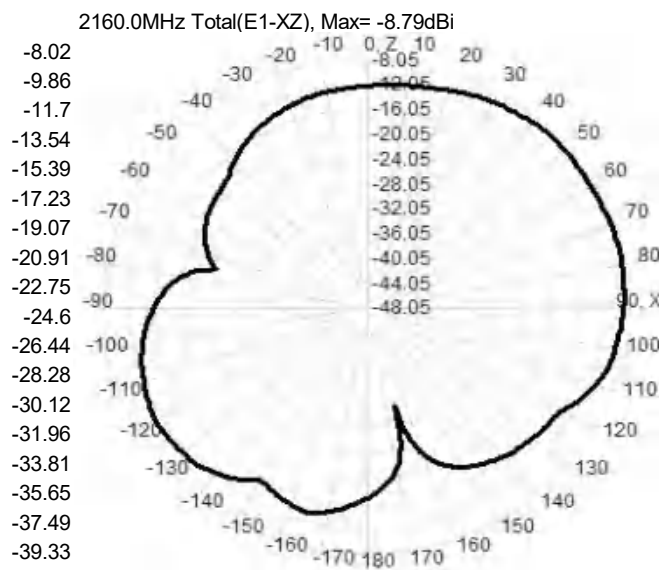
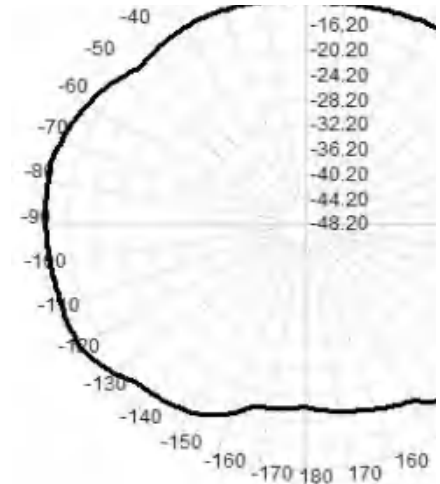
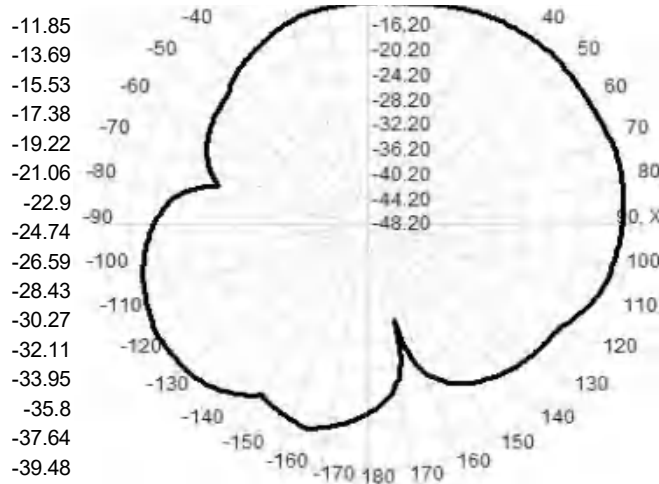
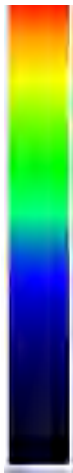
广东省深圳市宝安区西乡固戍新安第二工业区C10栋西面2楼

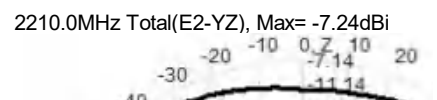
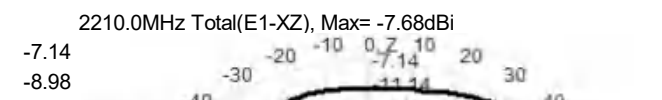
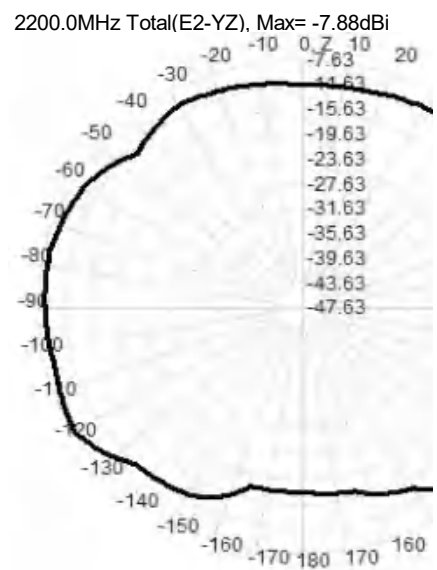
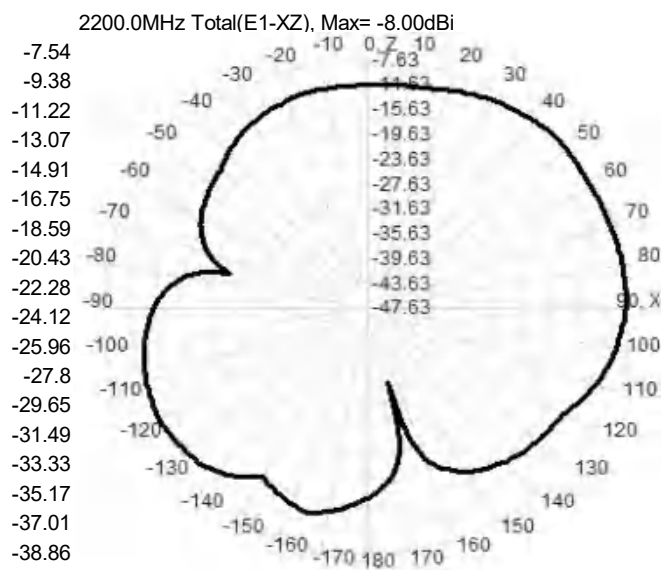
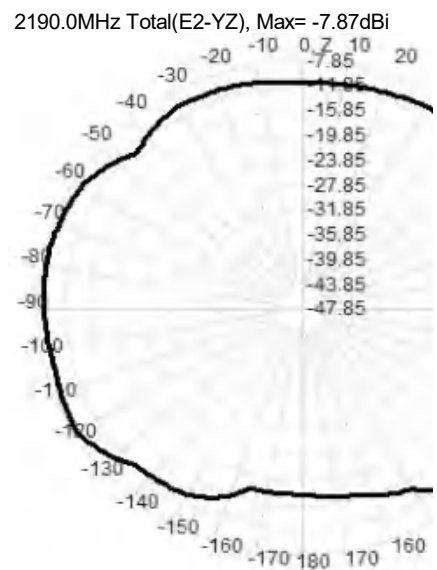
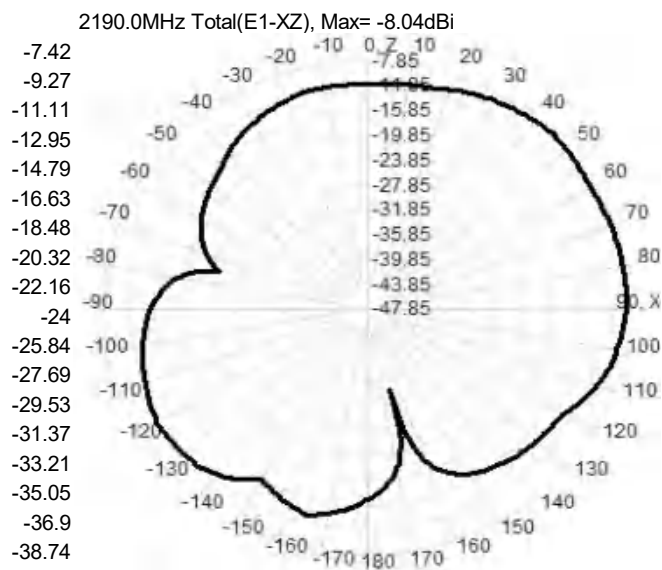
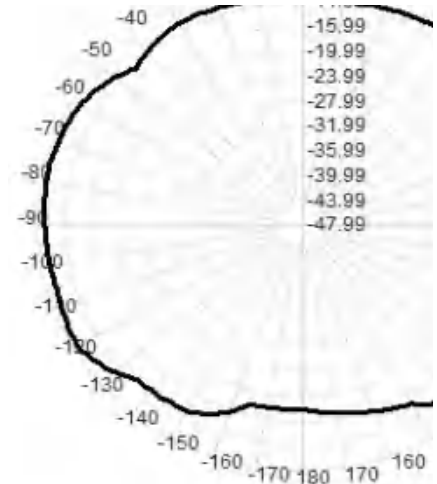
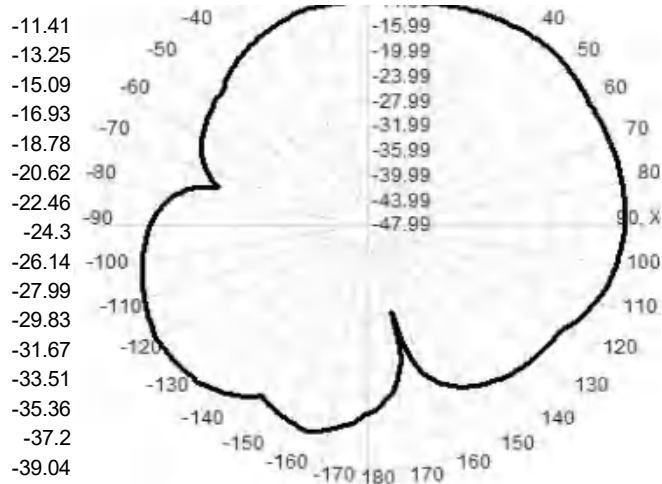
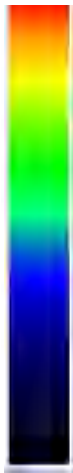
Shenzhen Hongxin Technology Electronics Co., Ltd

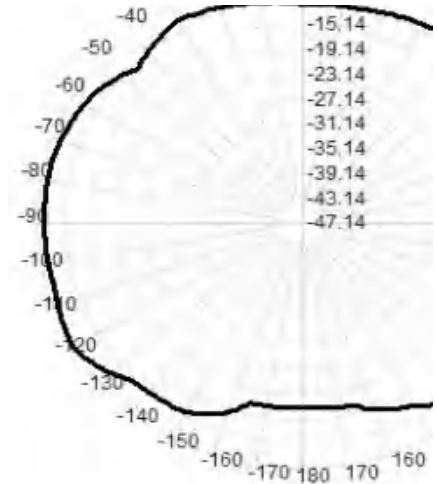
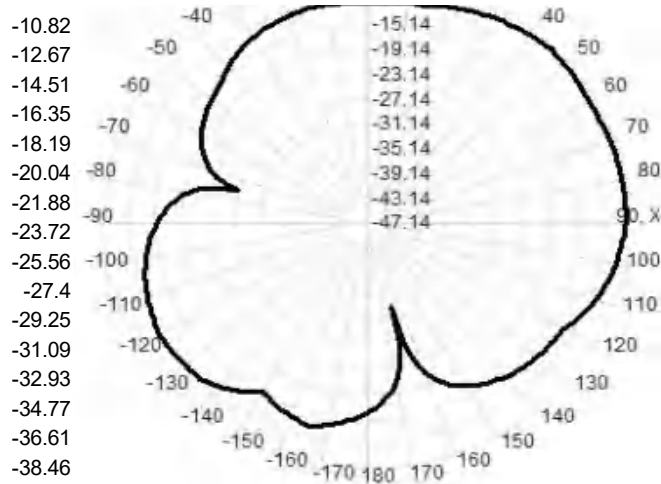
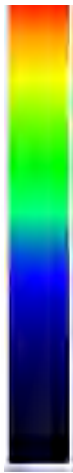
Building C10Xixiang Gushu Xin'an No. 2 Industrial Zone, Bao'an District, Shenzhen, Guangdong



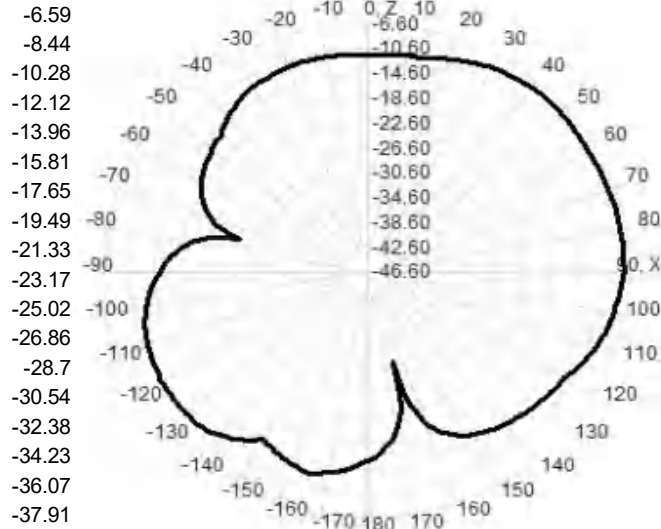




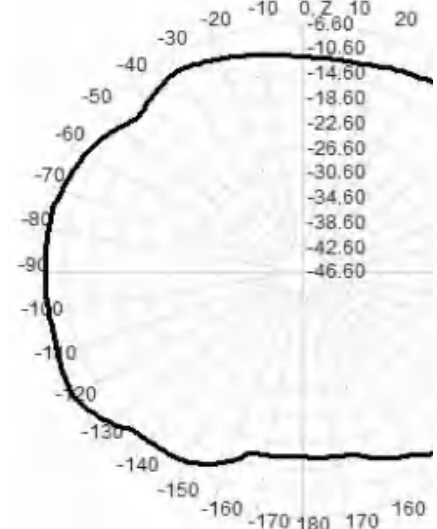




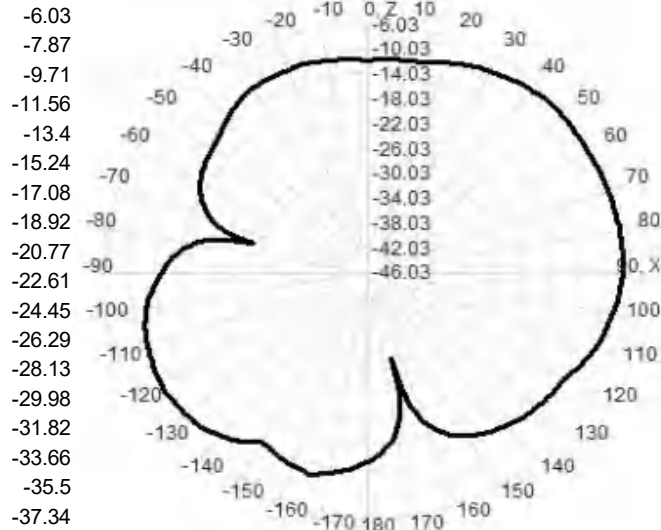
2220.0MHz Total(E1-XZ), Max= -7.55dBi



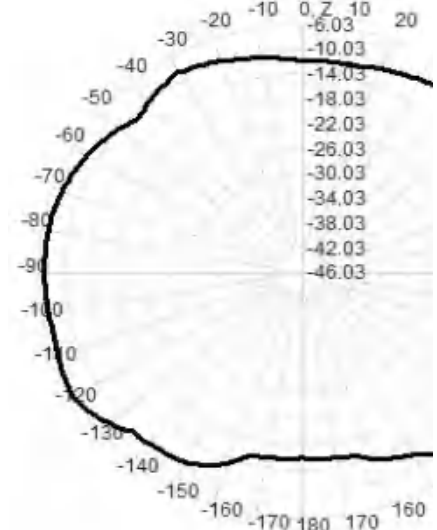
2220.0MHz Total(E2-YZ), Max= -6.60dBi



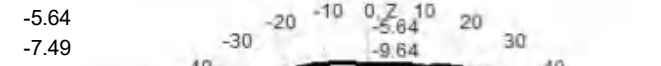
2230.0MHz Total(E1-XZ), Max= -7.04dBi



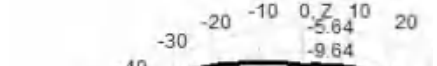
2230.0MHz Total(E2-YZ), Max= -6.03dBi

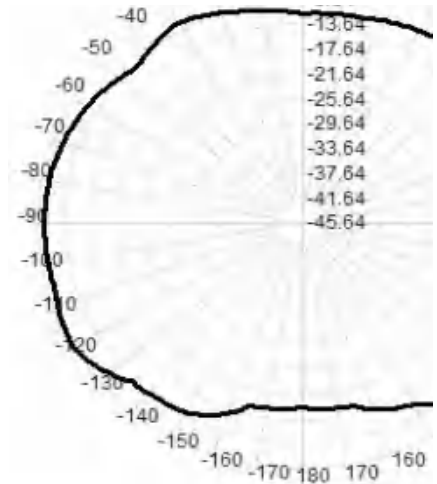
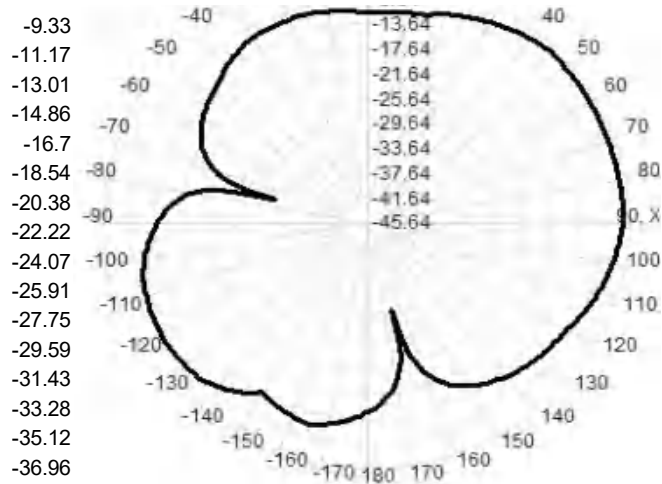
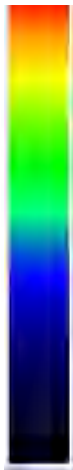


2240.0MHz Total(E1-XZ), Max= -6.54dBi

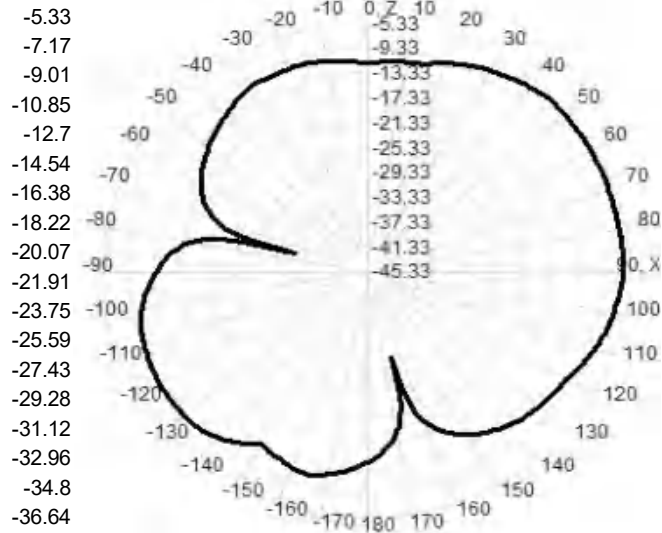


2240.0MHz Total(E2-YZ), Max= -5.64dBi

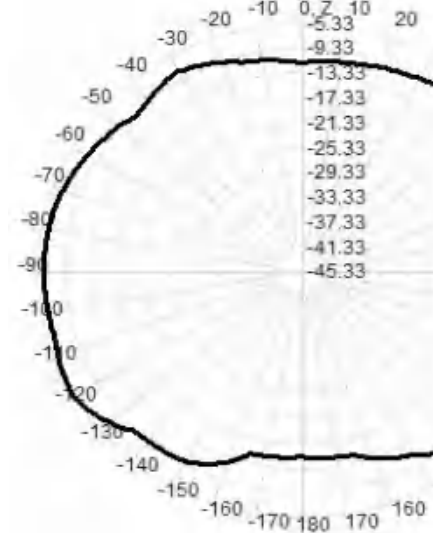




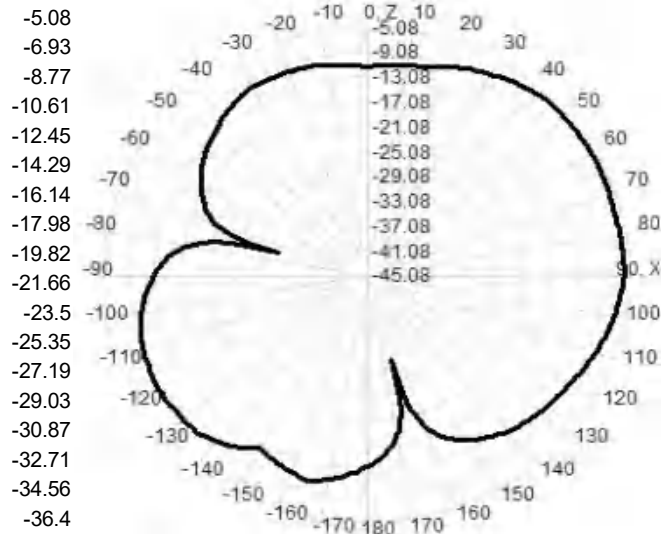
2250.0MHz Total(E1-XZ), Max=-6.15dBi



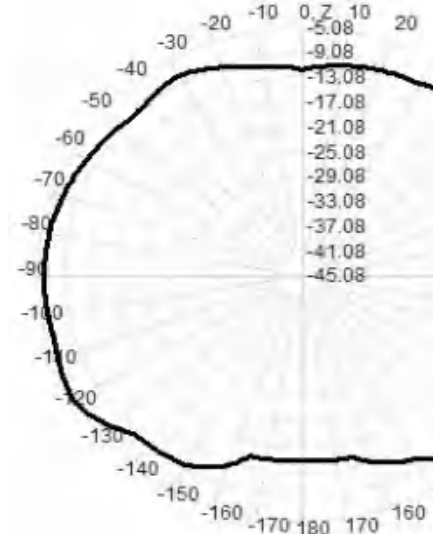
2250.0MHz Total(E2-YZ), Max=-5.33dBi



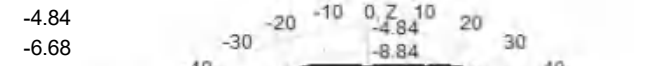
2260.0MHz Total(E1-XZ), Max=-5.80dBi



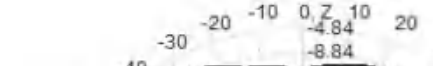
2260.0MHz Total(E2-YZ), Max=-5.08dBi

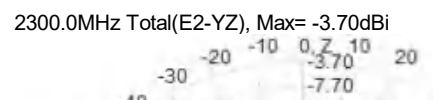
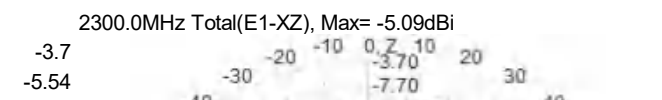
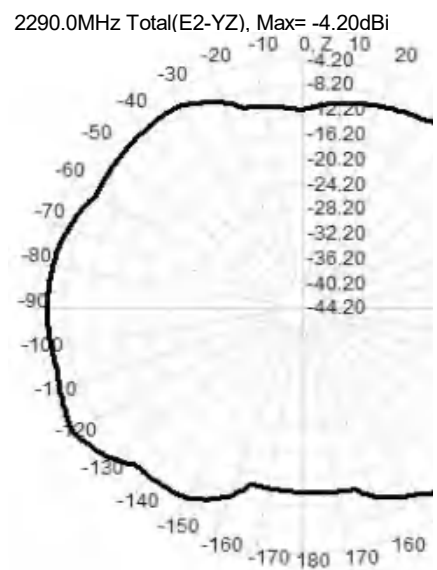
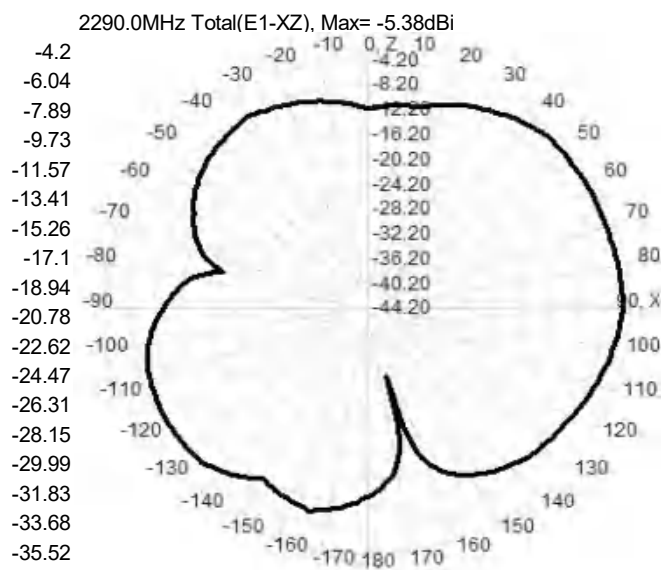
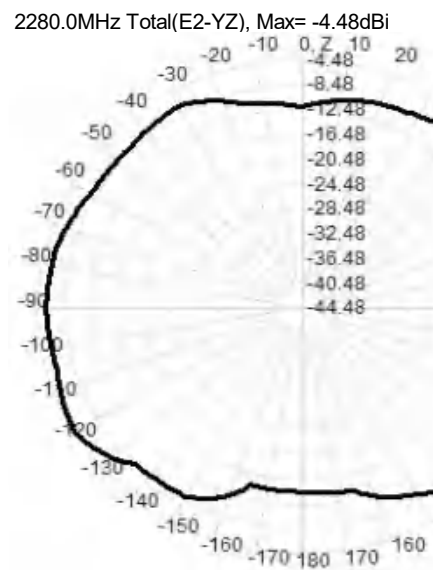
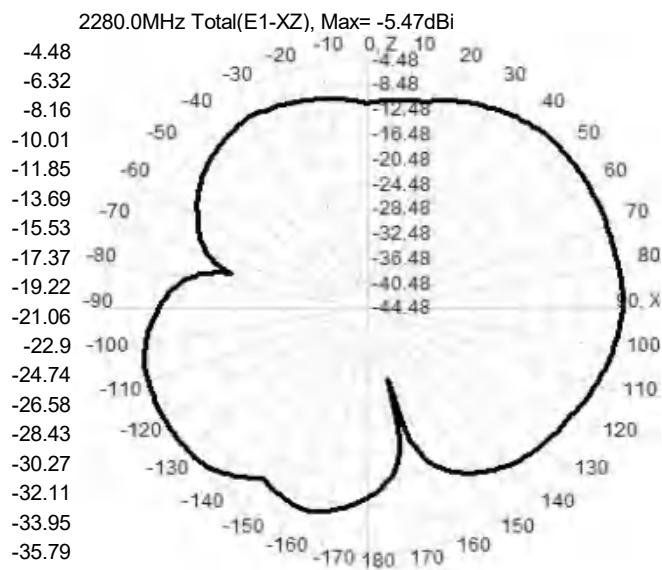
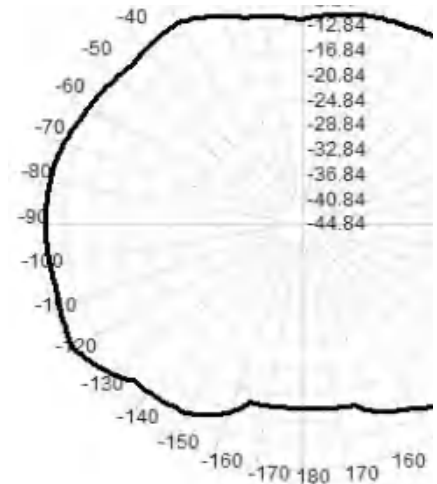
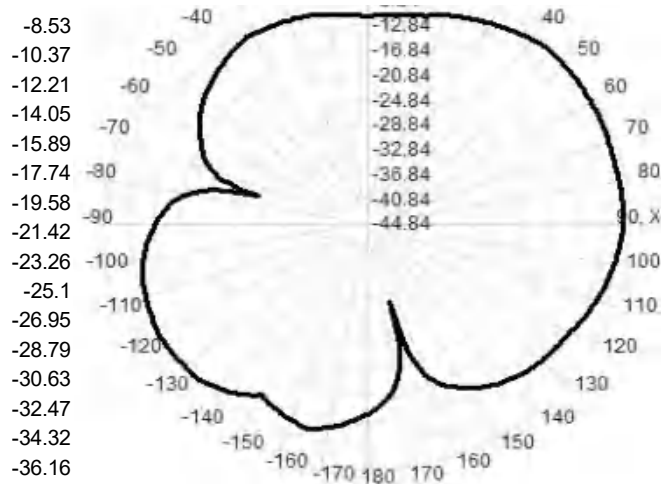
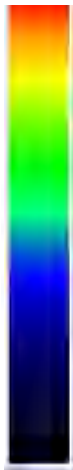


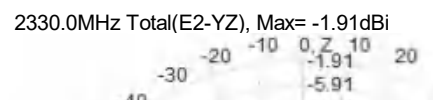
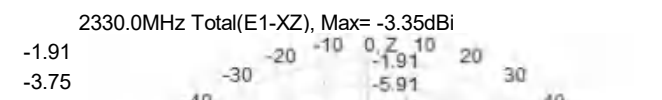
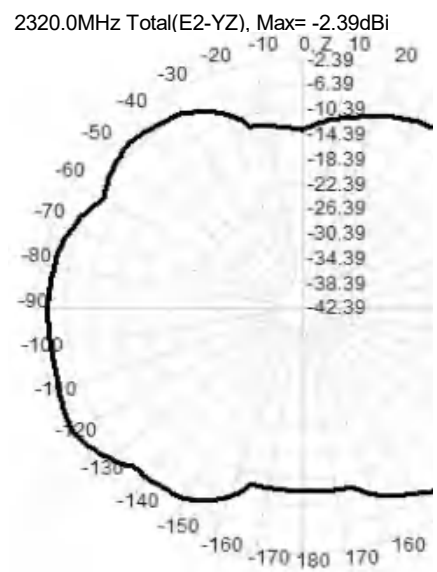
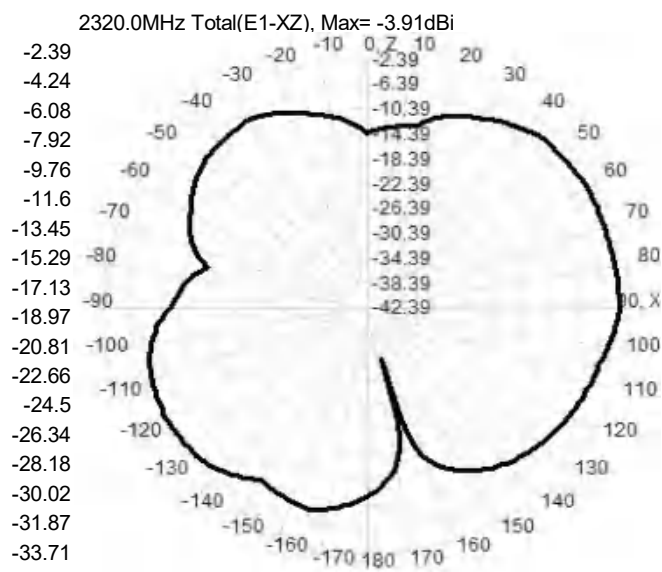
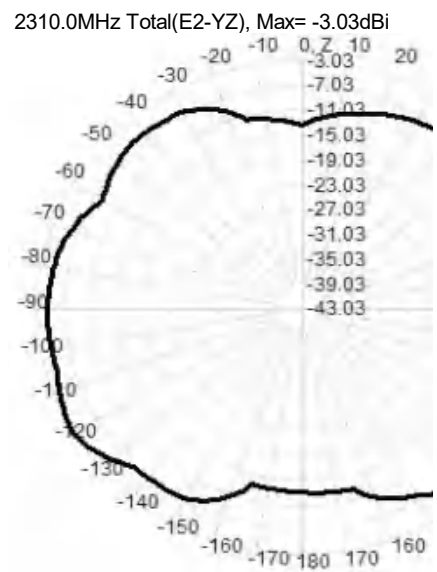
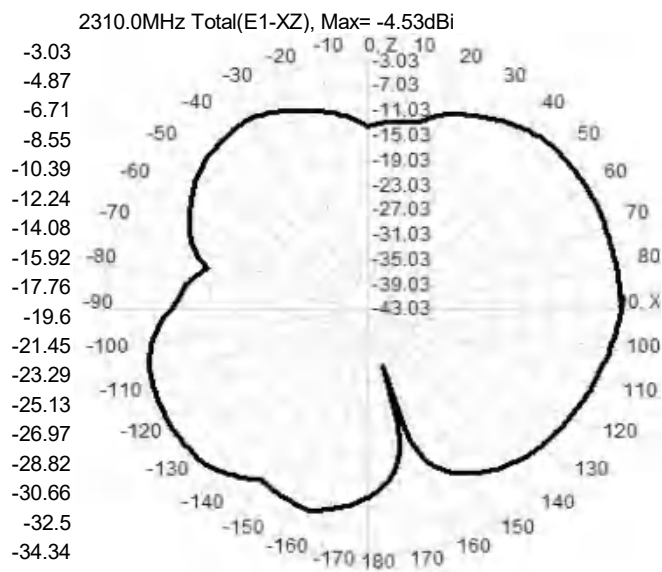
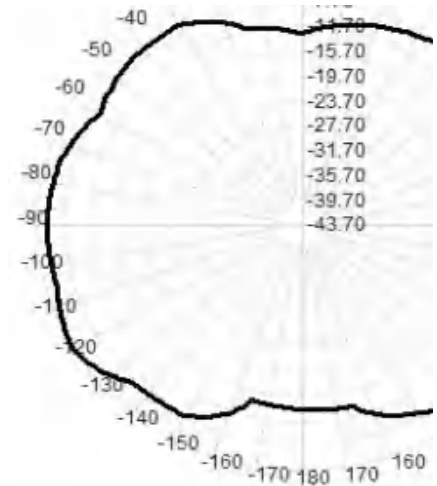
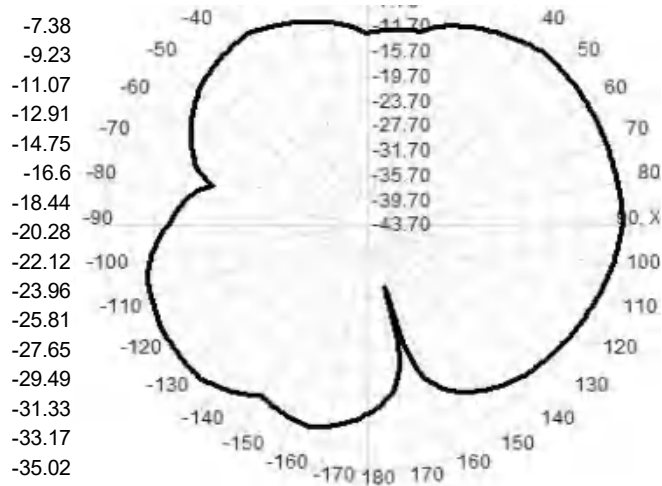
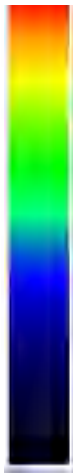
2270.0MHz Total(E1-XZ), Max=-5.54dBi

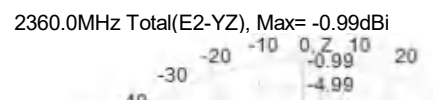
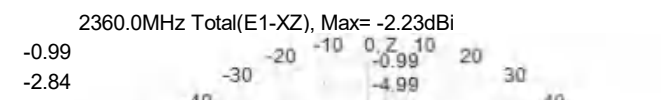
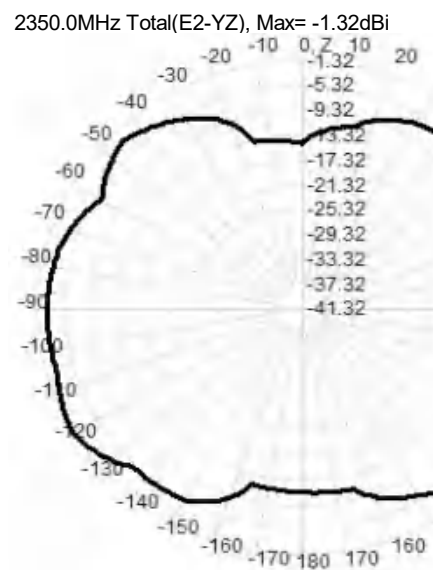
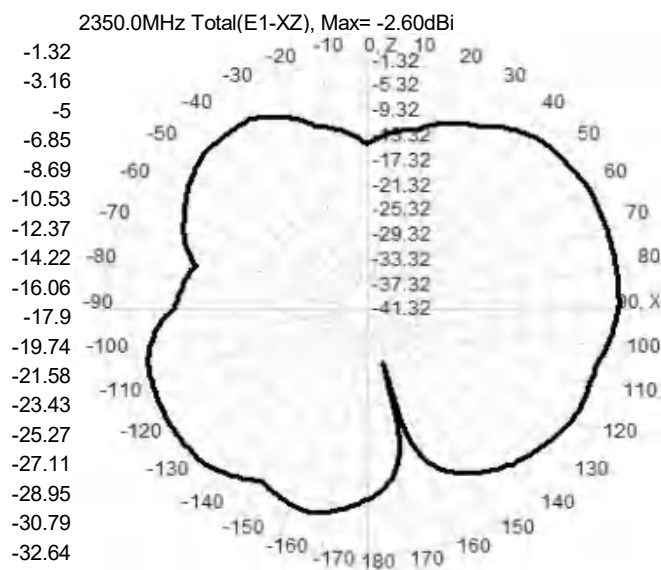
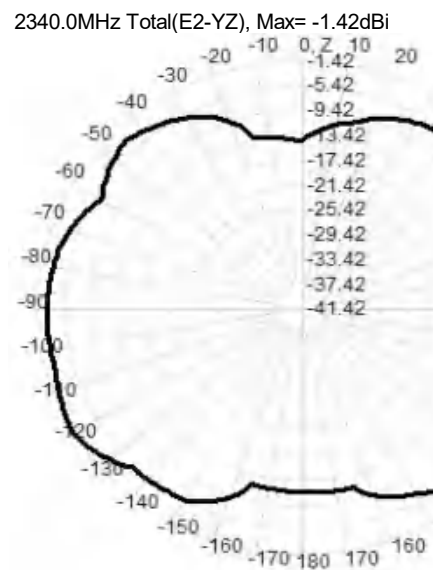
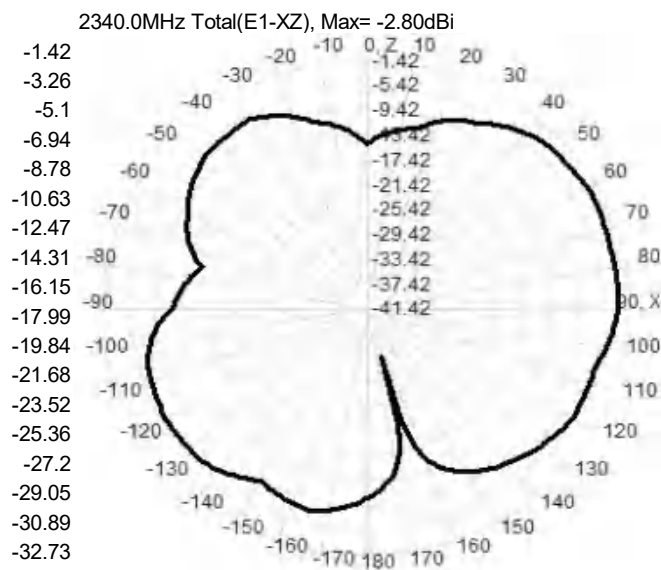
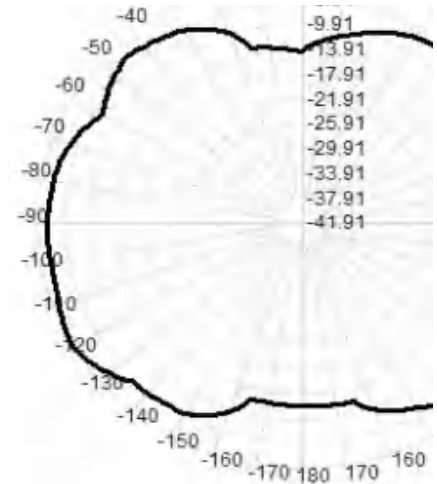
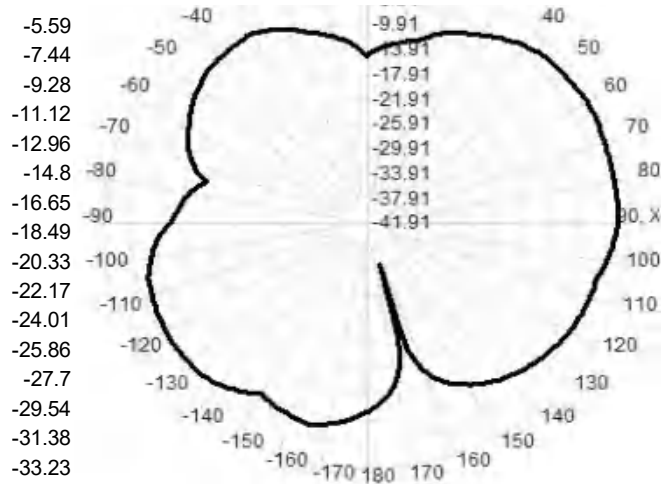
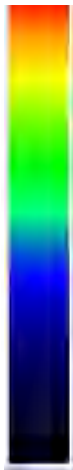


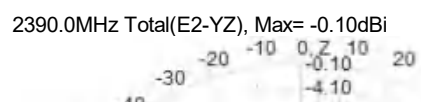
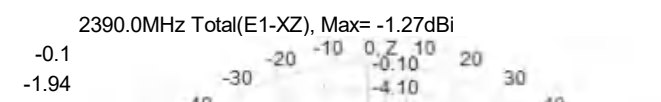
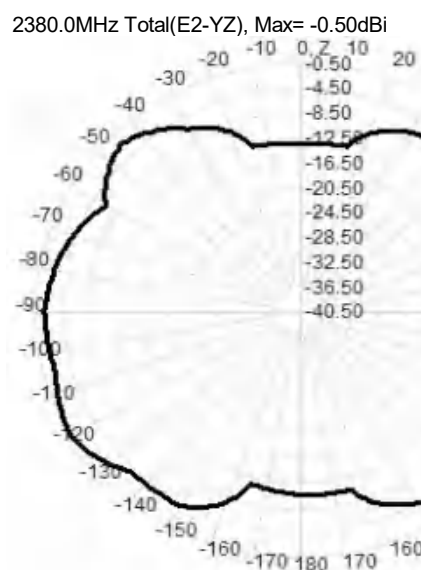
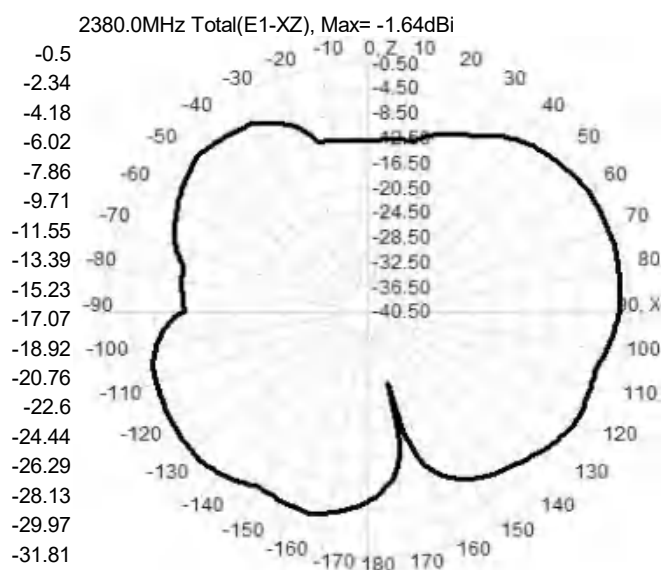
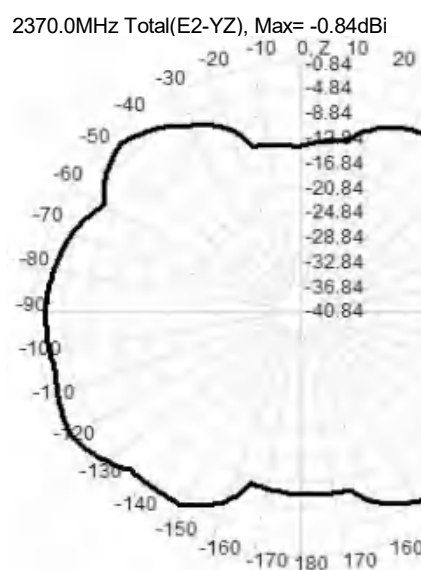
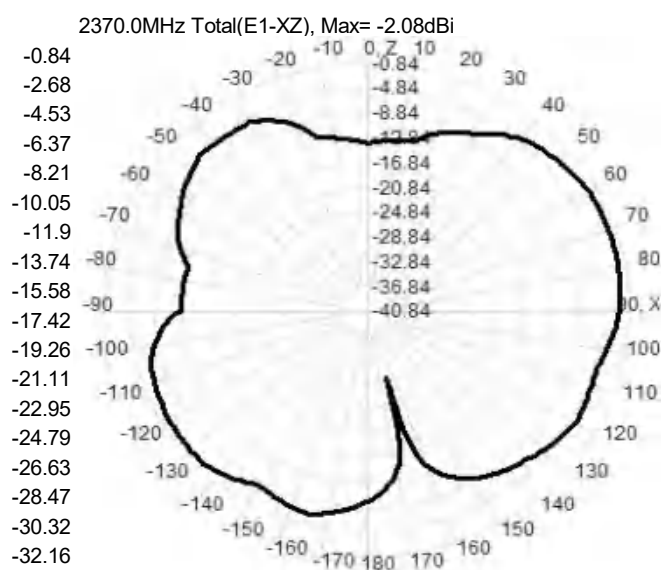
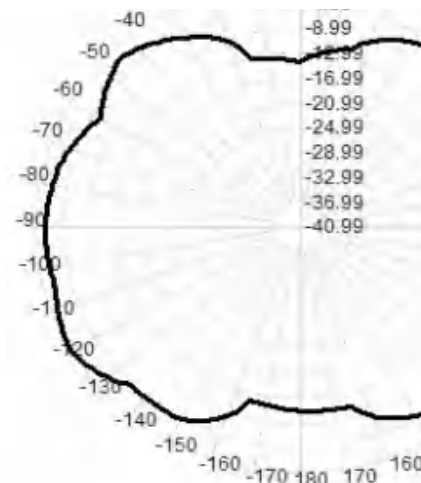
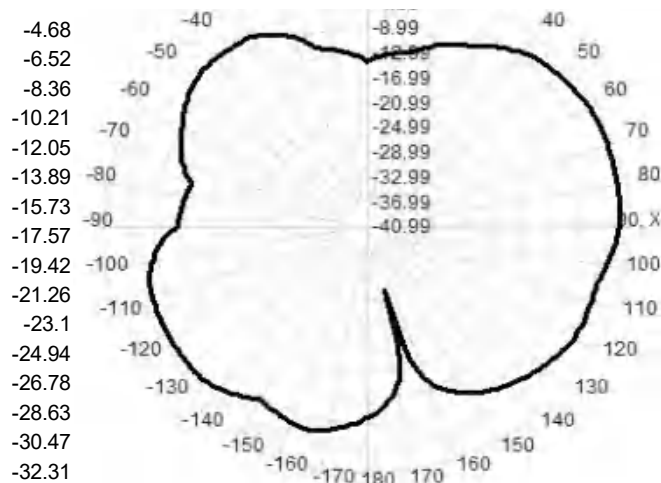
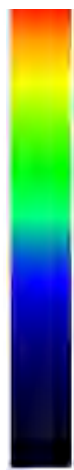
2270.0MHz Total(E2-YZ), Max=-4.84dBi

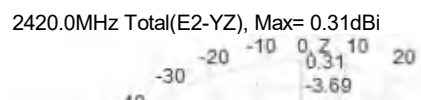
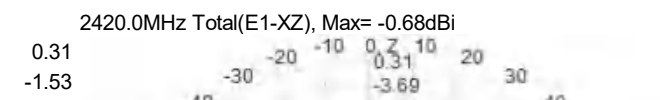
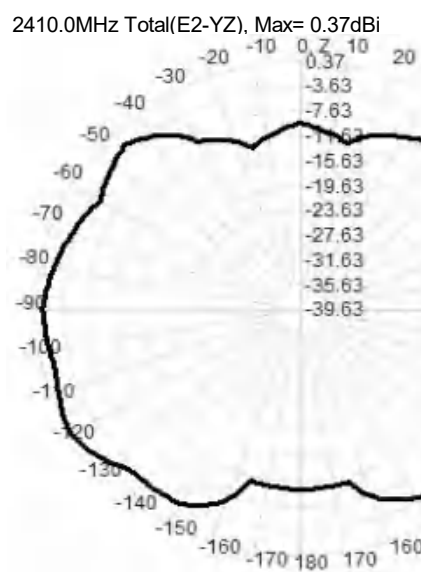
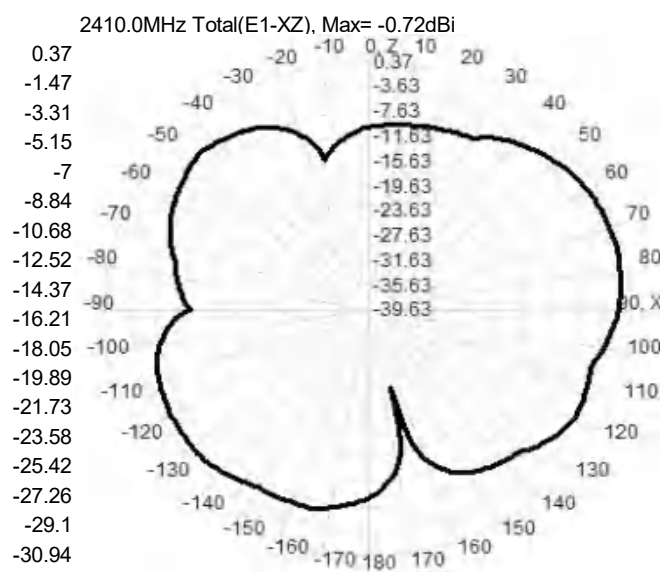
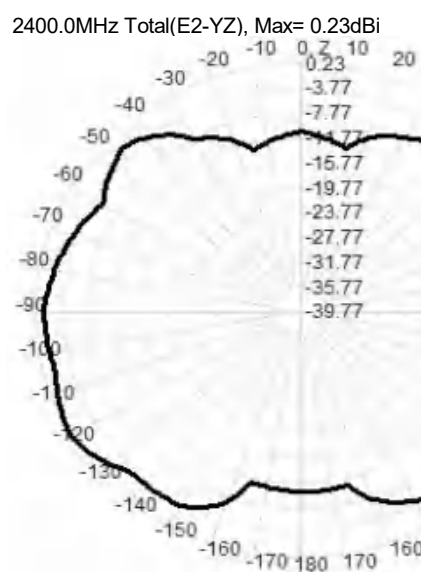
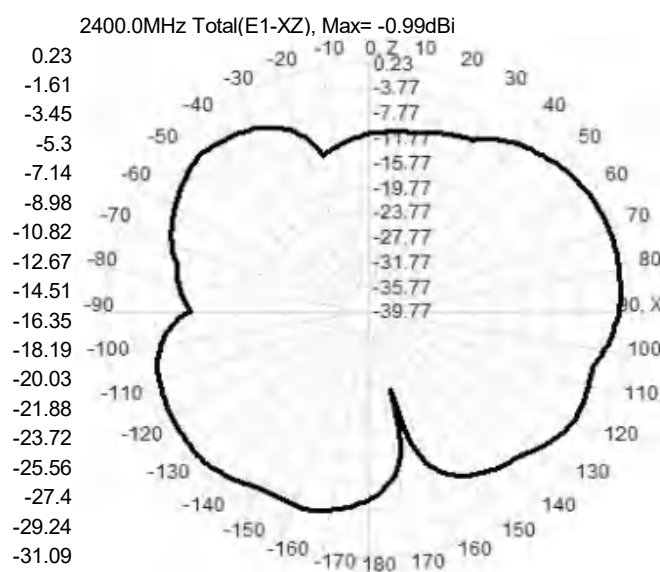
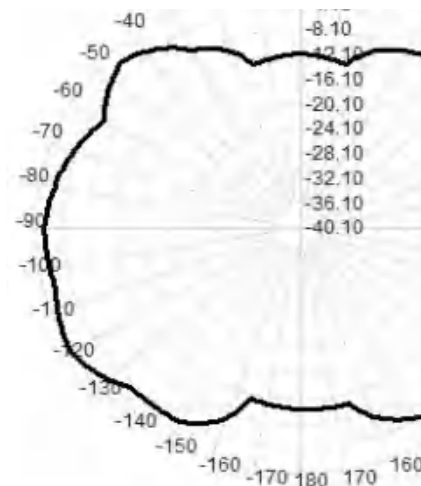
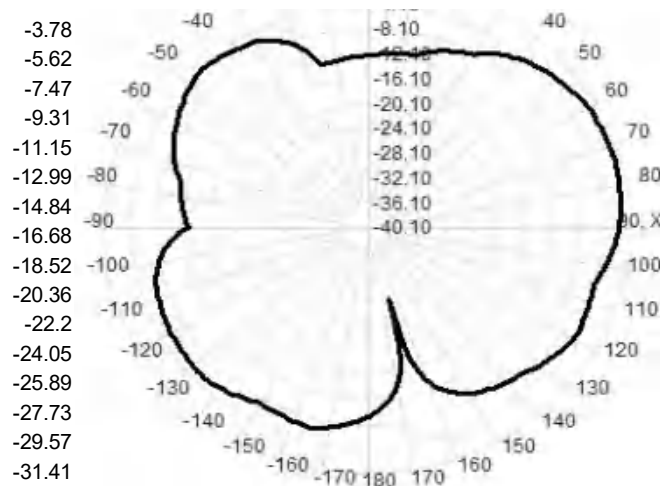
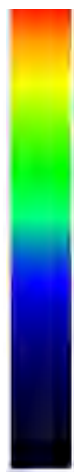


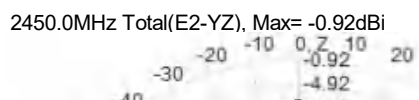
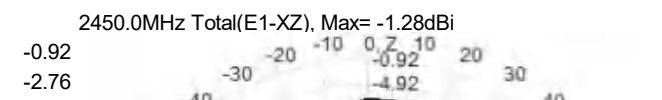
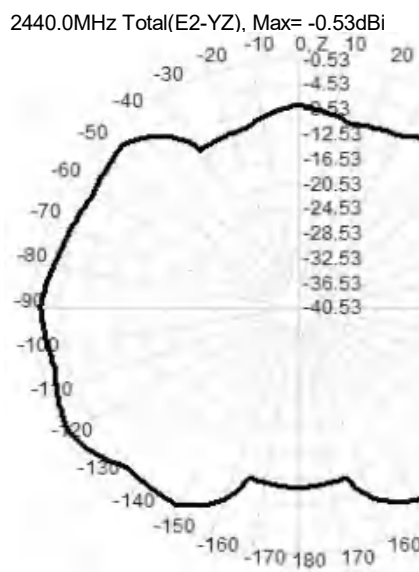
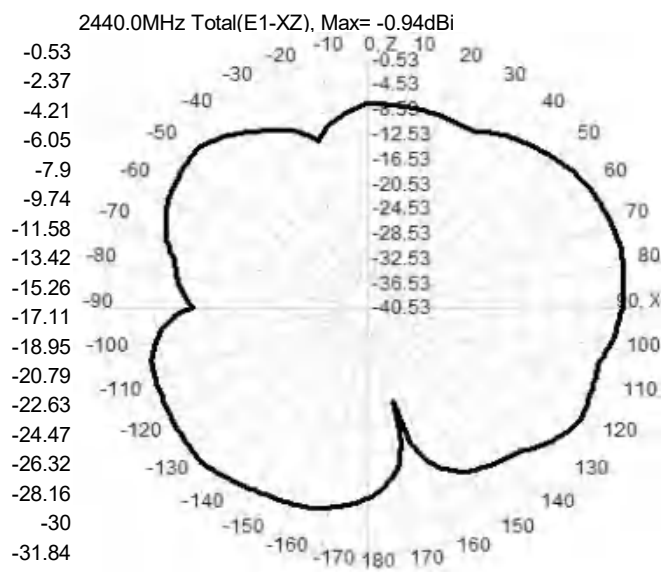
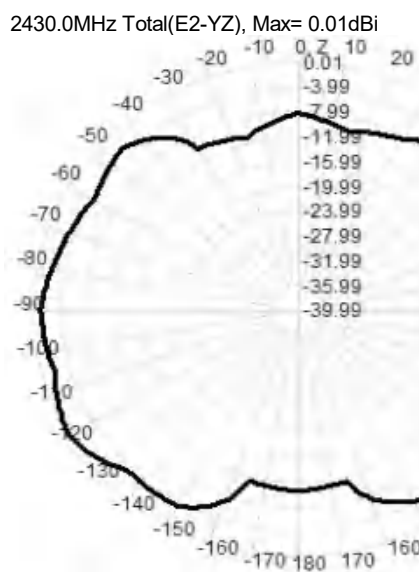
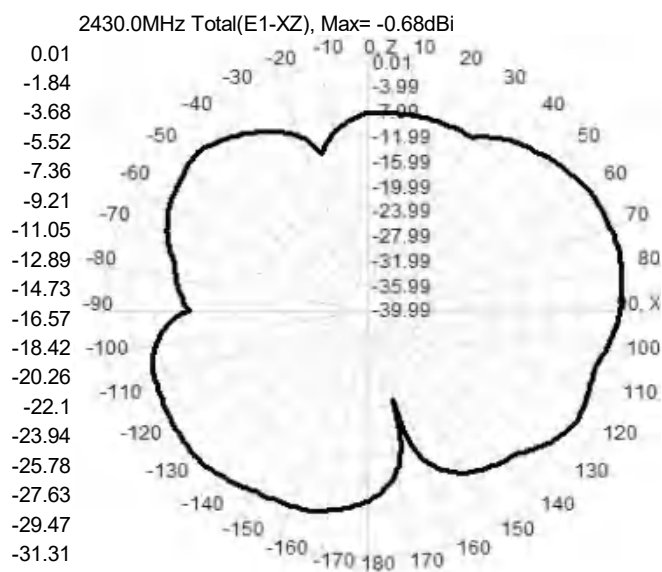
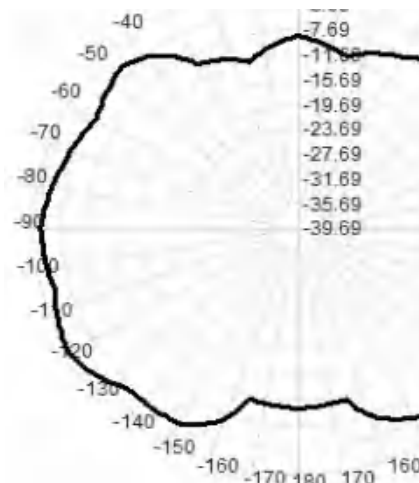
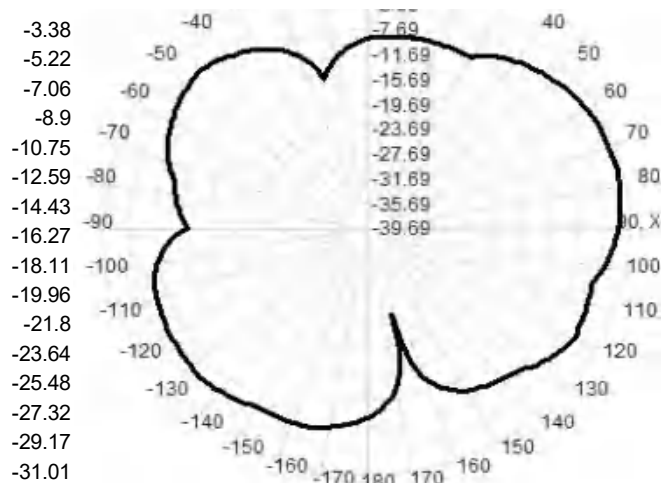
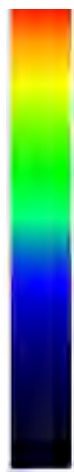


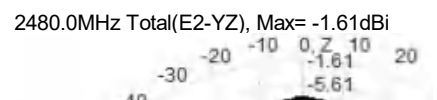
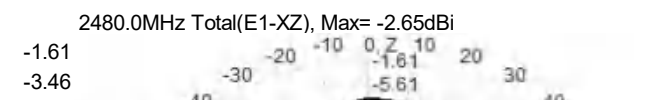
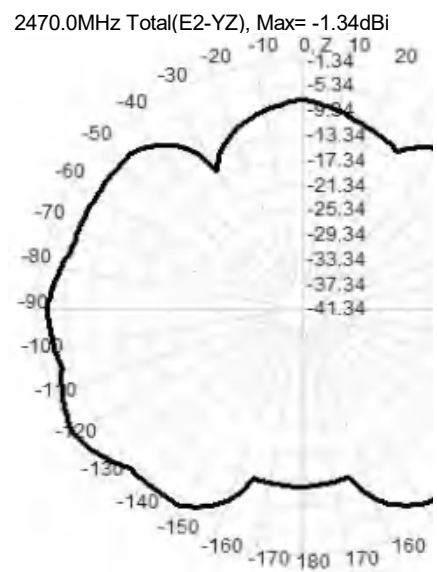
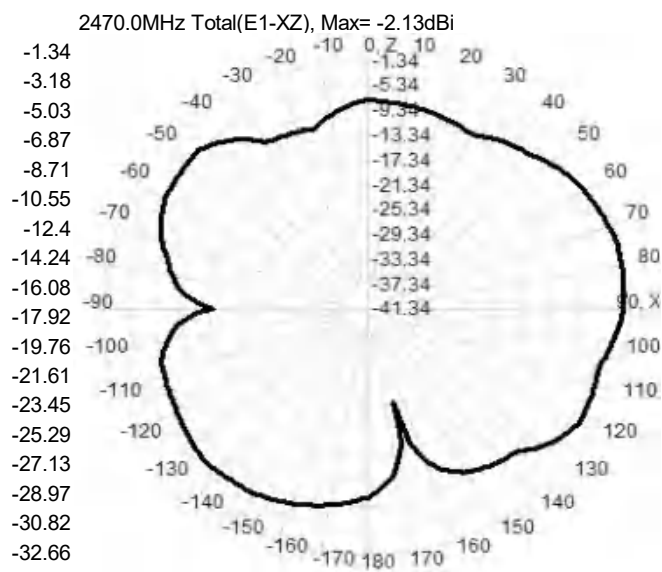
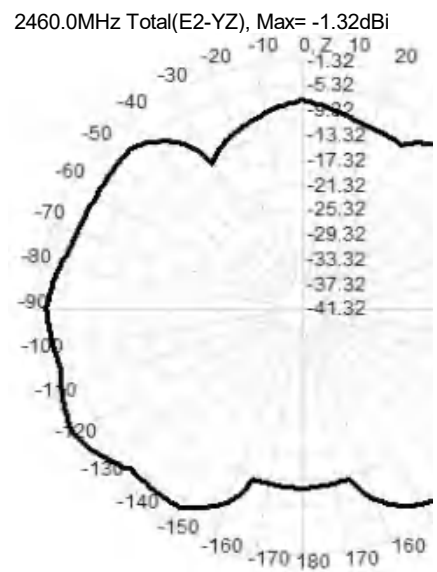
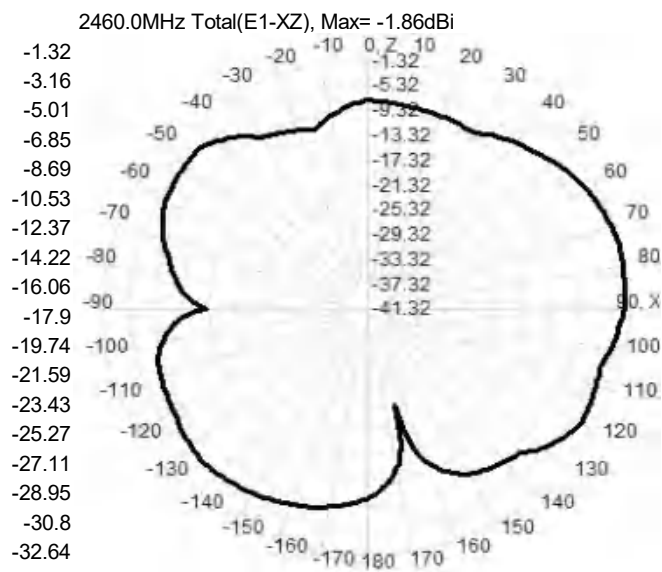
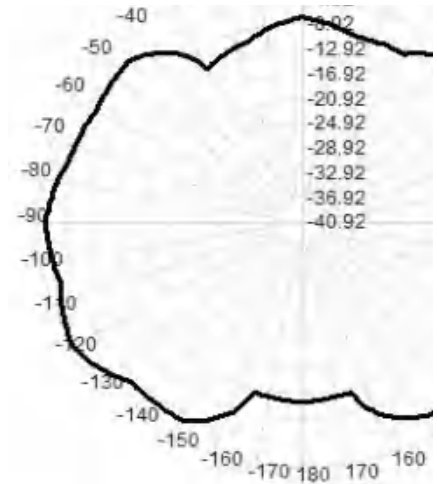
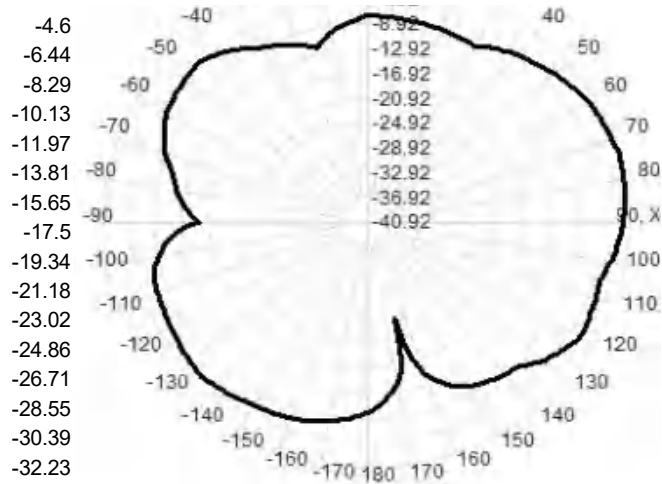
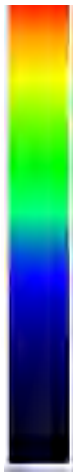


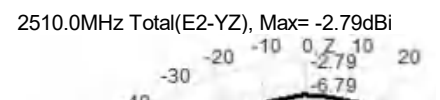
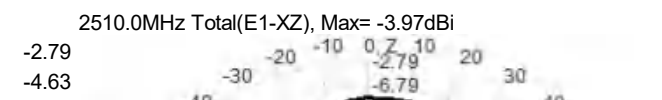
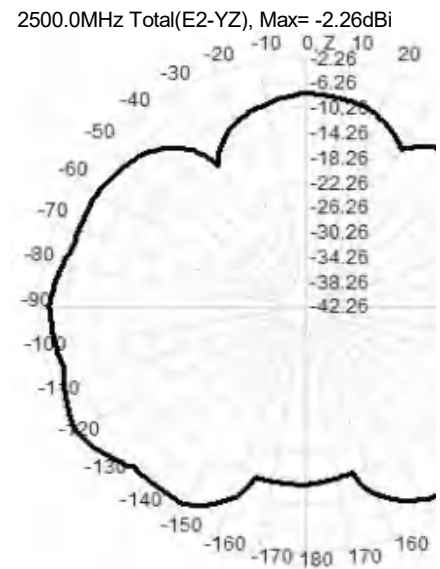
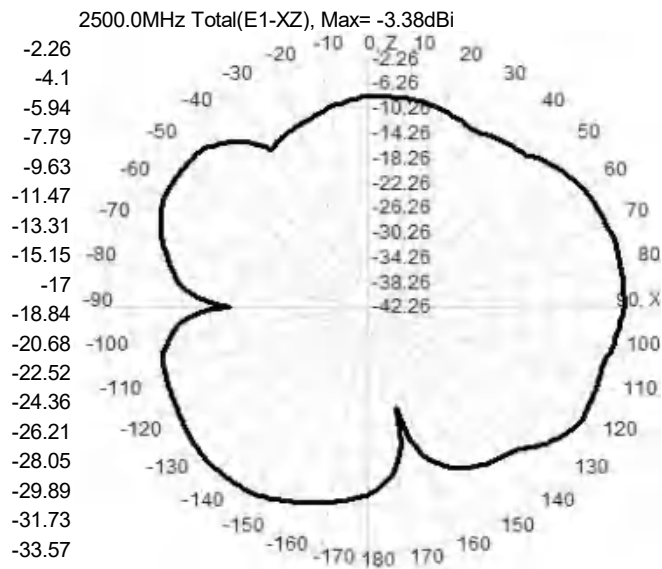
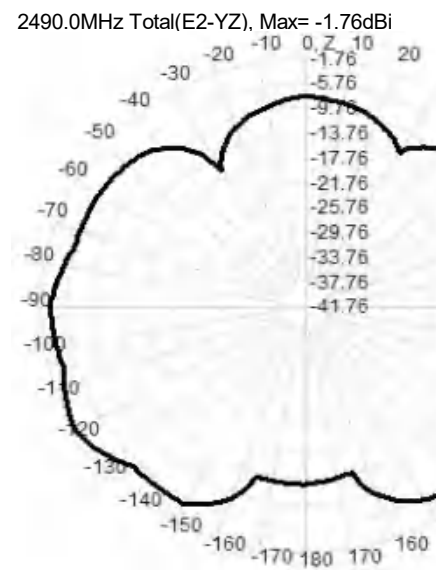
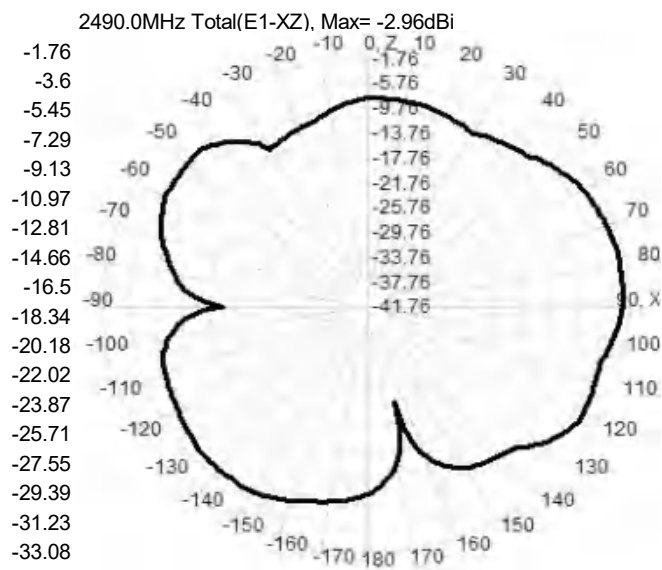
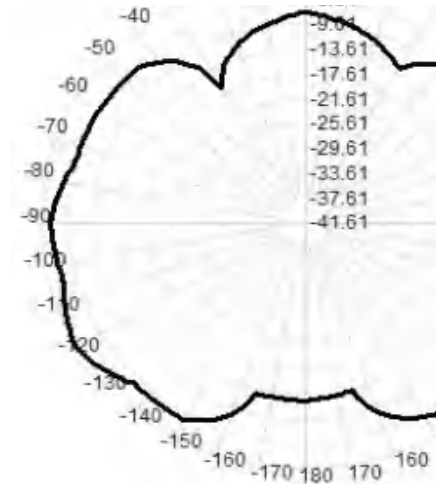
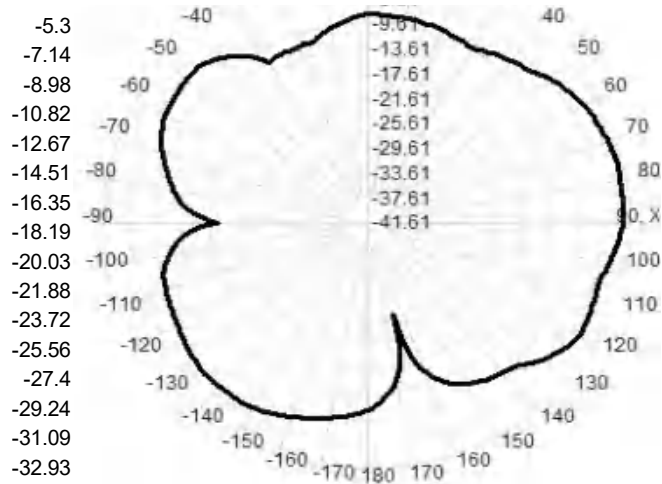
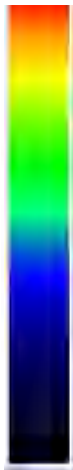


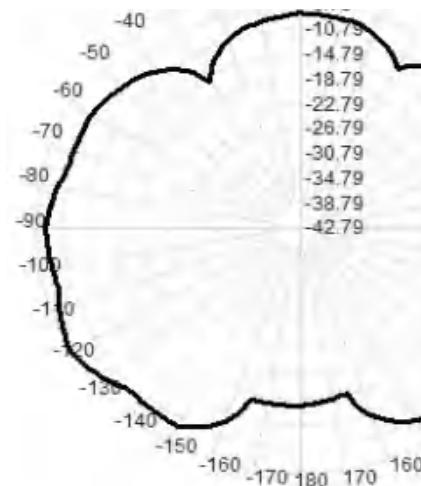
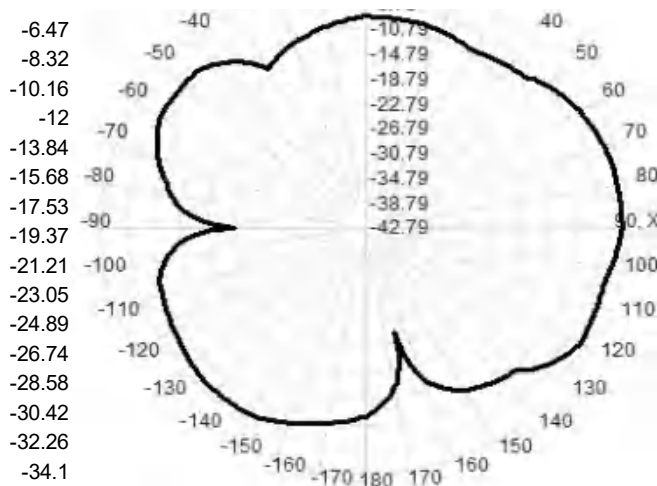
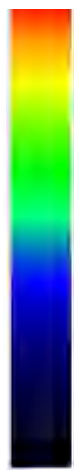




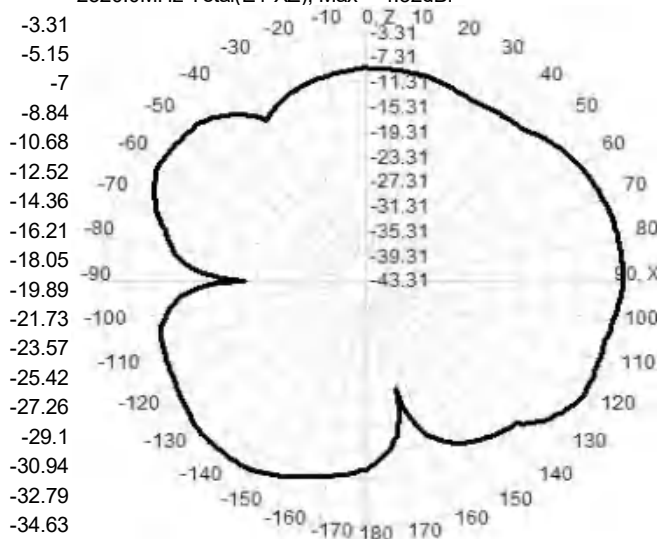




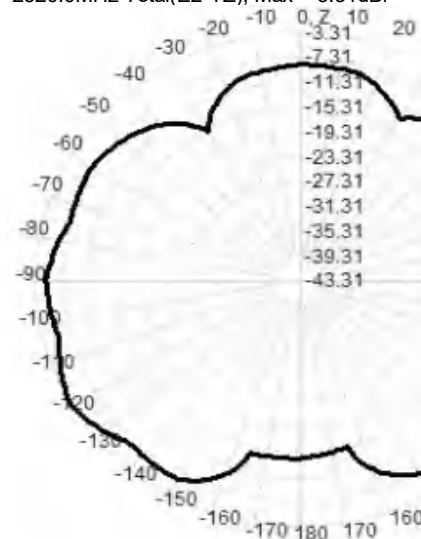




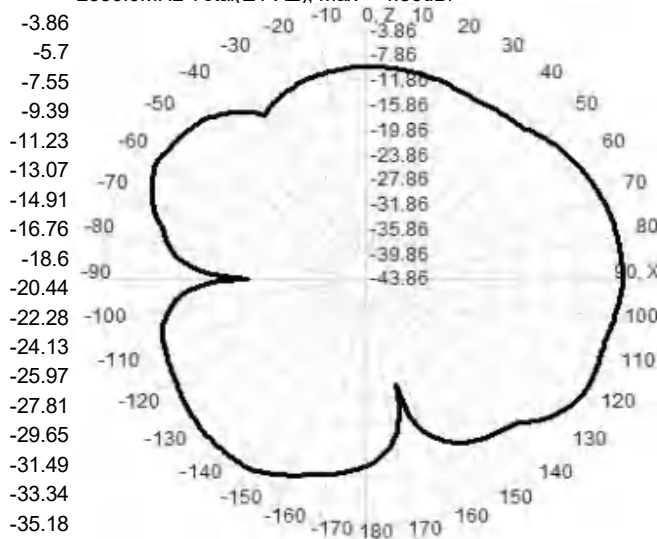
2520.0MHz Total(E1-XZ), Max= -4.32dBi



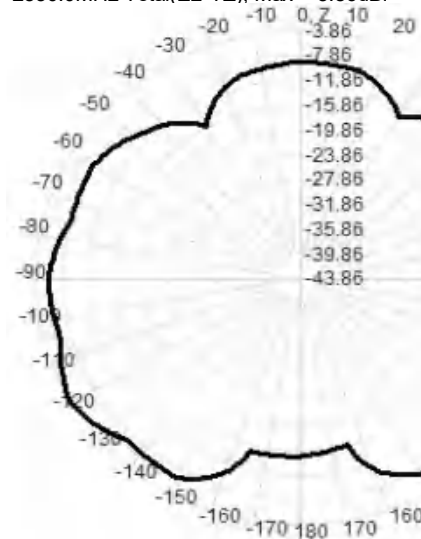
2520.0MHz Total(E2-YZ), Max= -3.31dBi



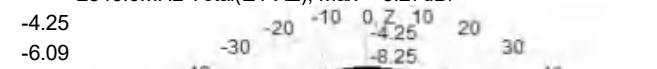
2530.0MHz Total(E1-XZ), Max= -4.86dBi



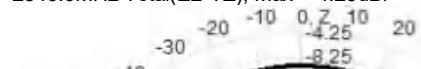
2530.0MHz Total(E2-YZ), Max= -3.86dBi

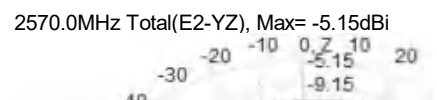
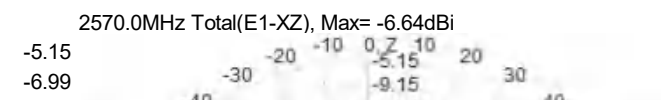
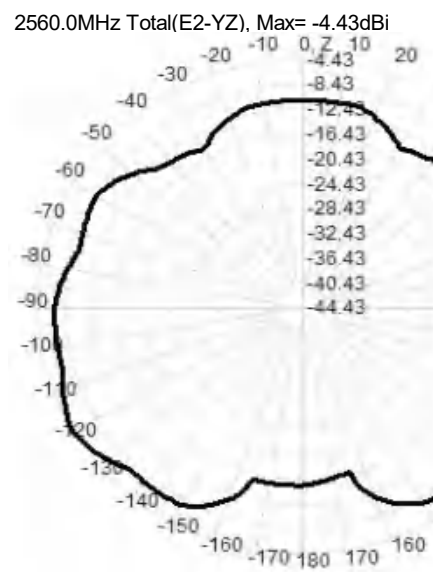
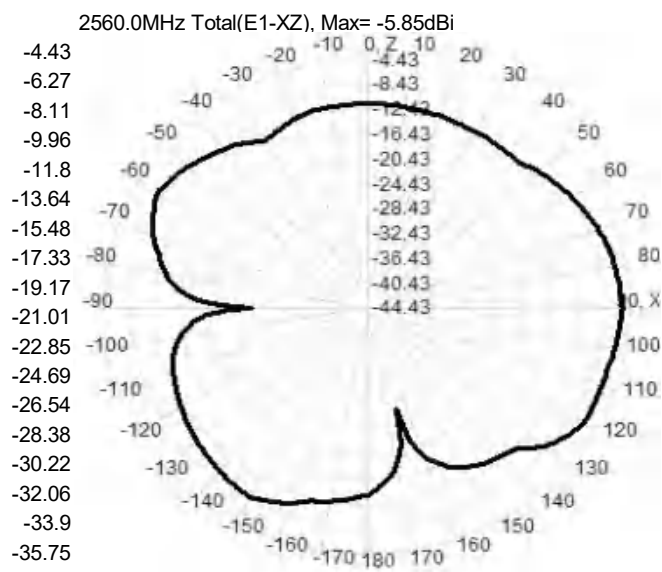
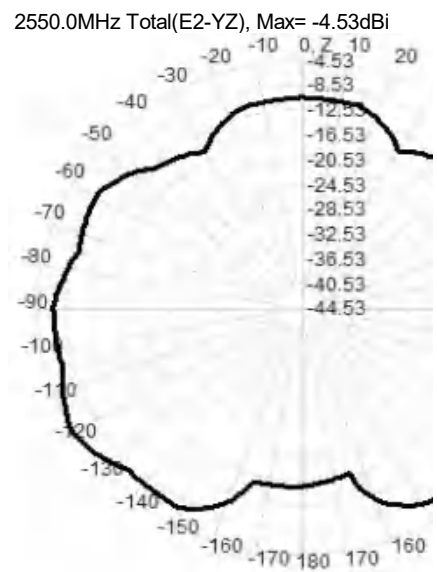
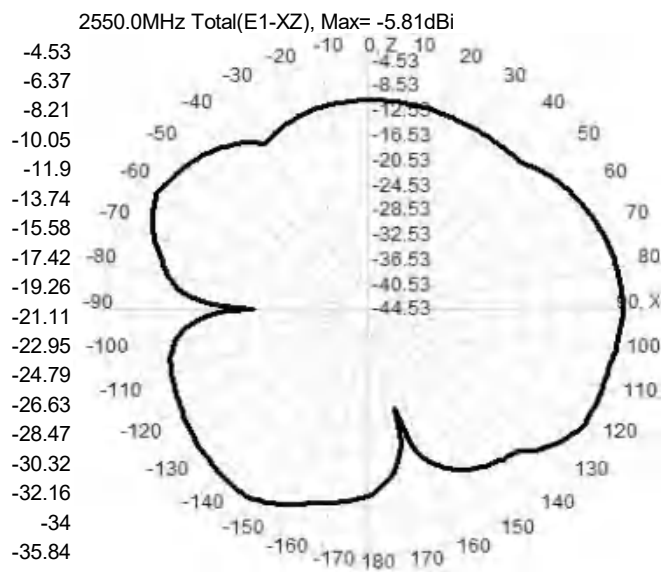
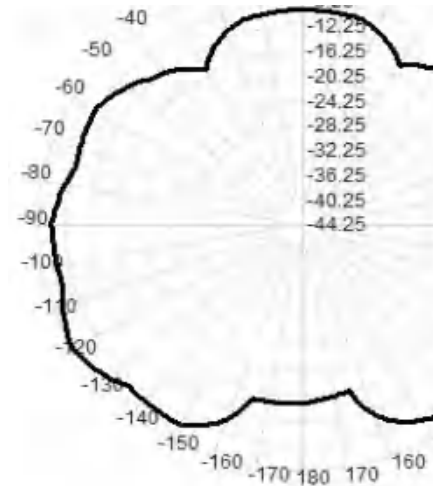
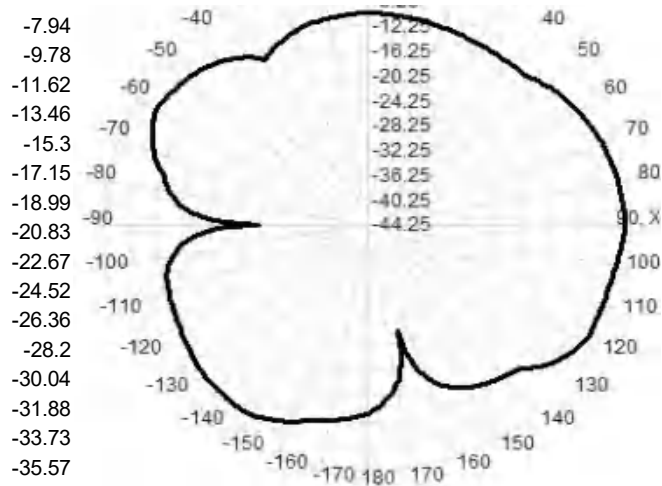
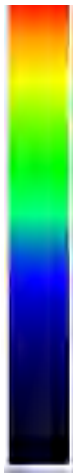


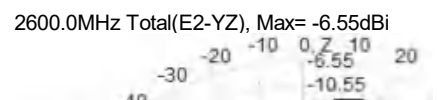
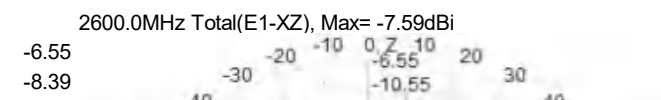
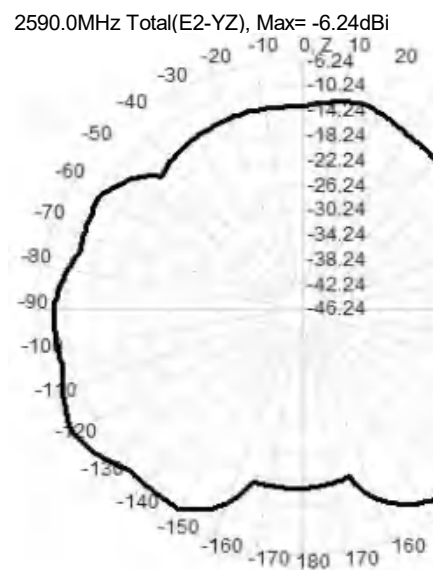
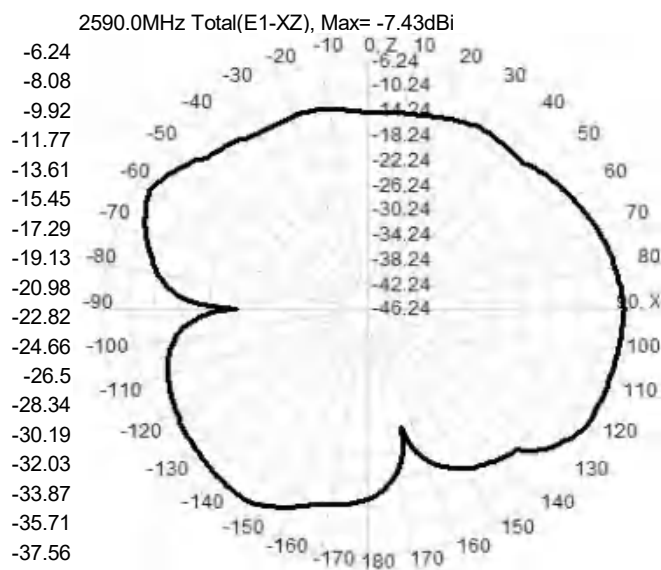
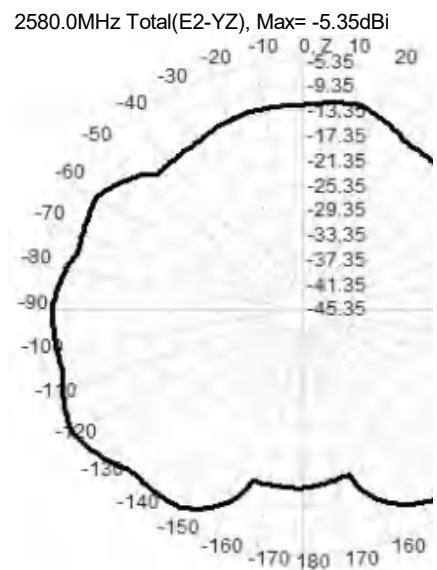
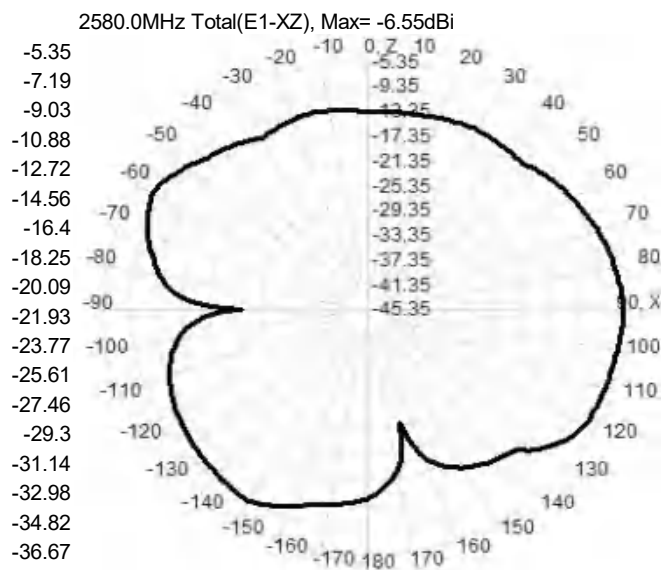
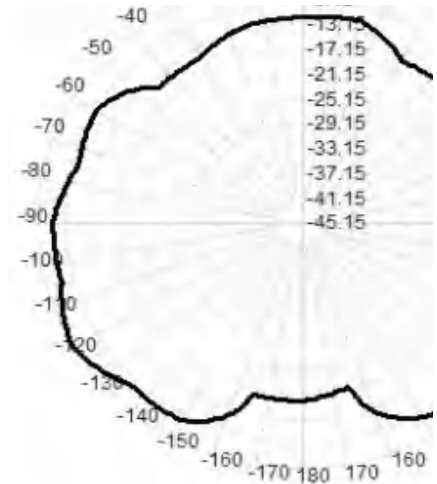
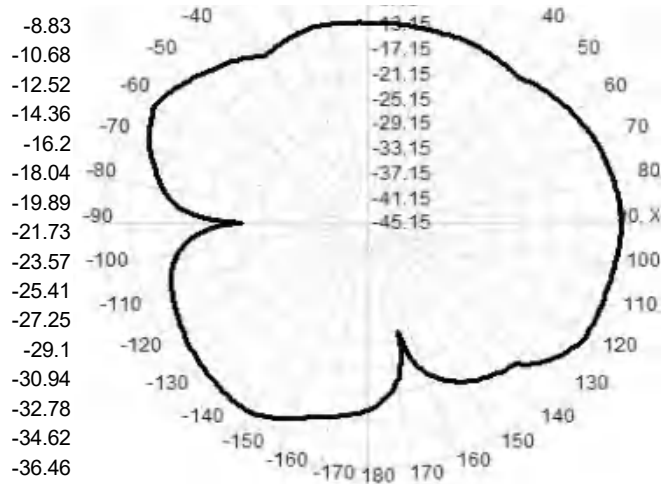
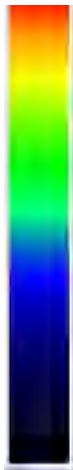
2540.0MHz Total(E1-XZ), Max= -5.27dBi

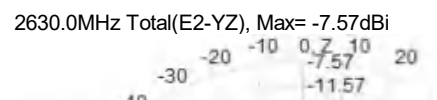
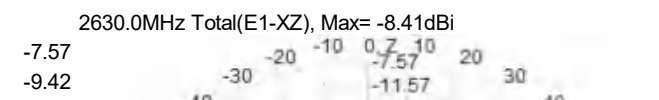
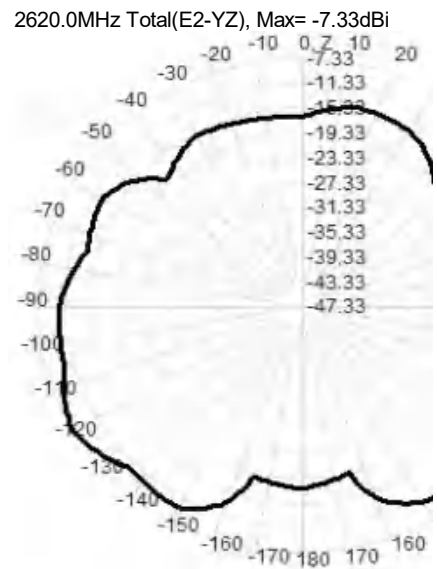
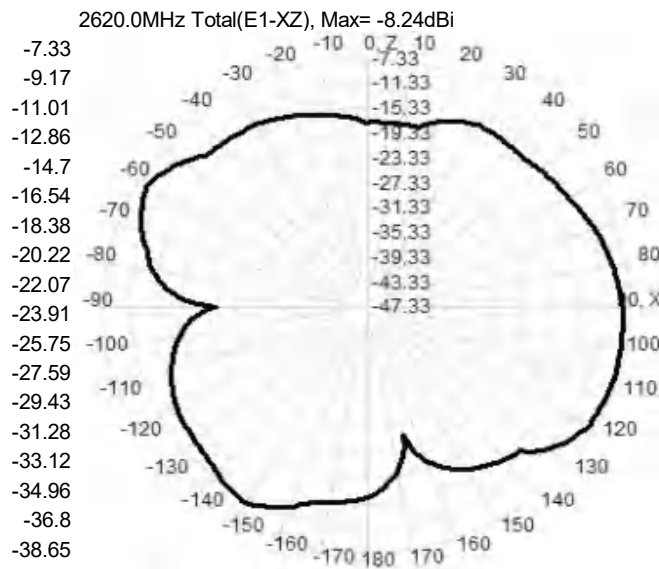
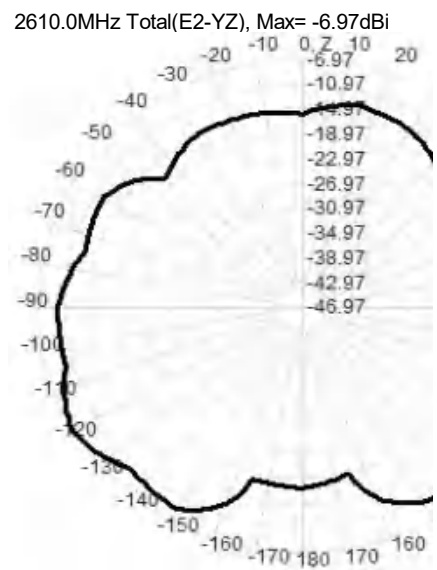
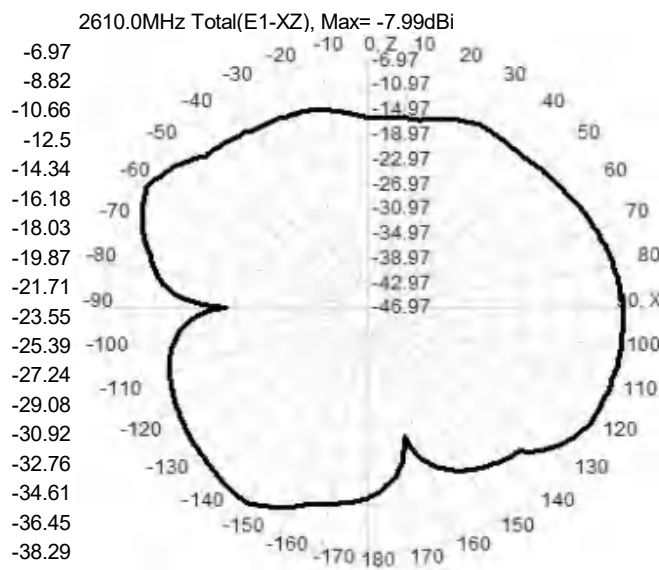
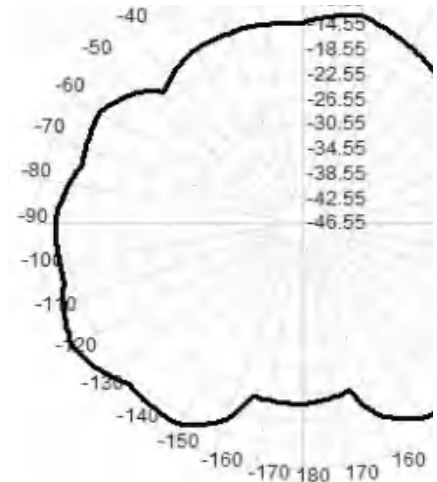
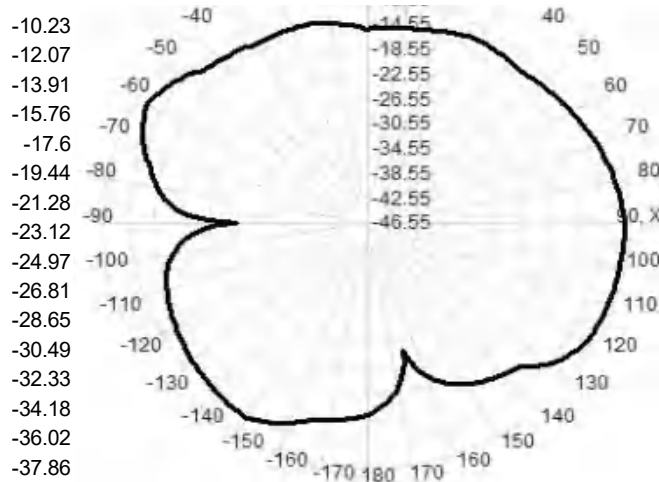
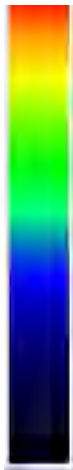


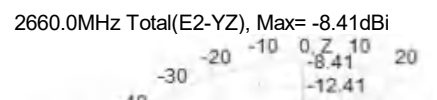
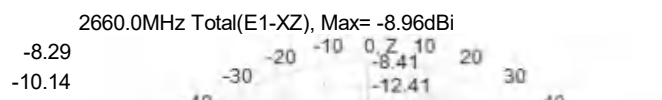
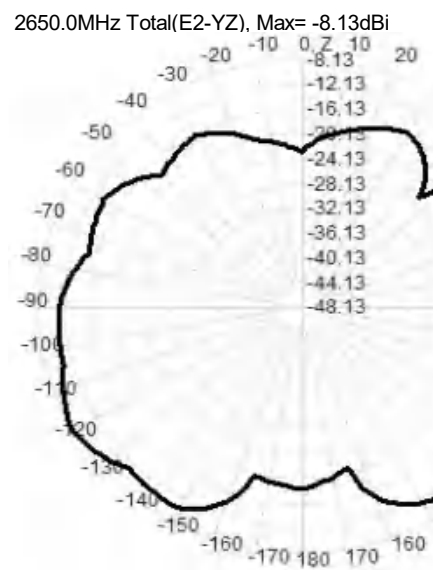
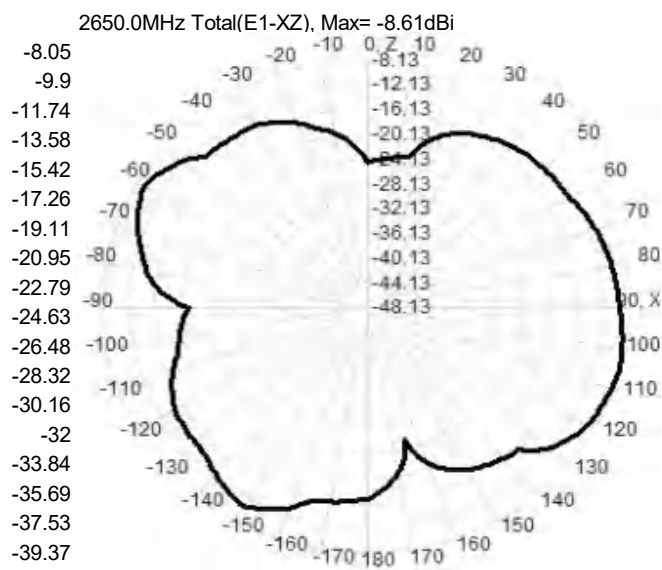
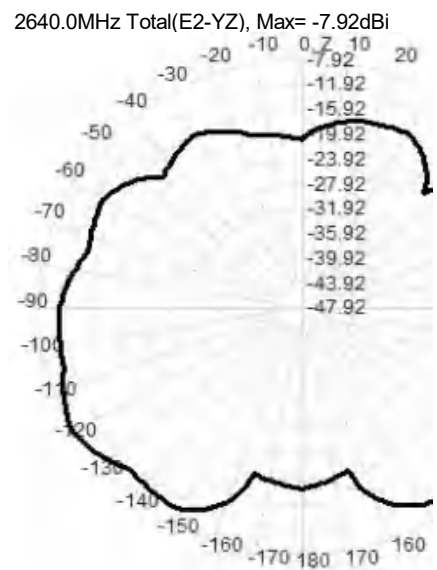
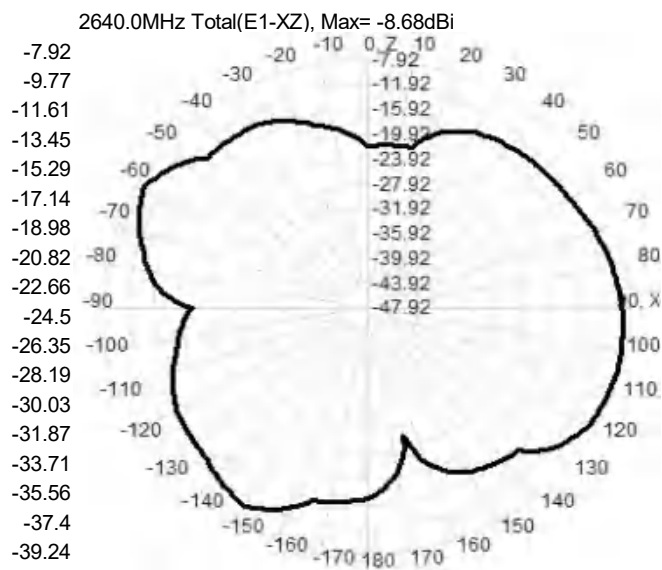
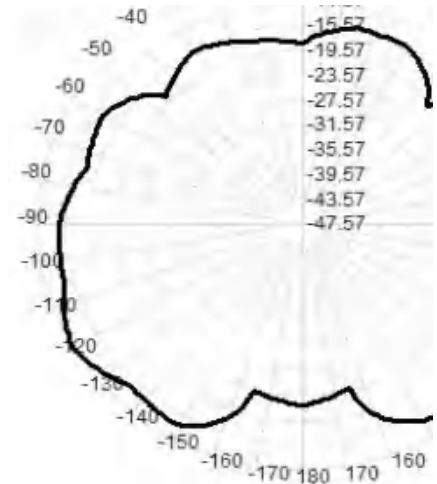
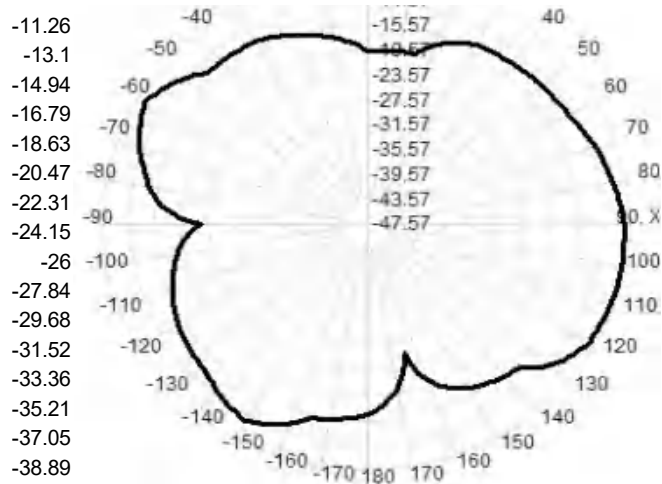
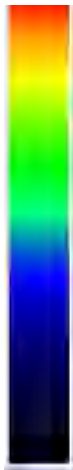
2540.0MHz Total(E2-YZ), Max= -4.25dBi

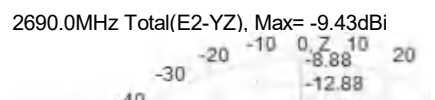
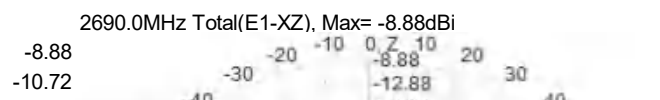
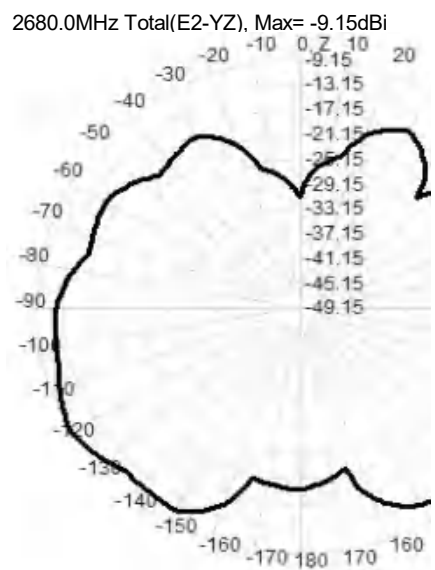
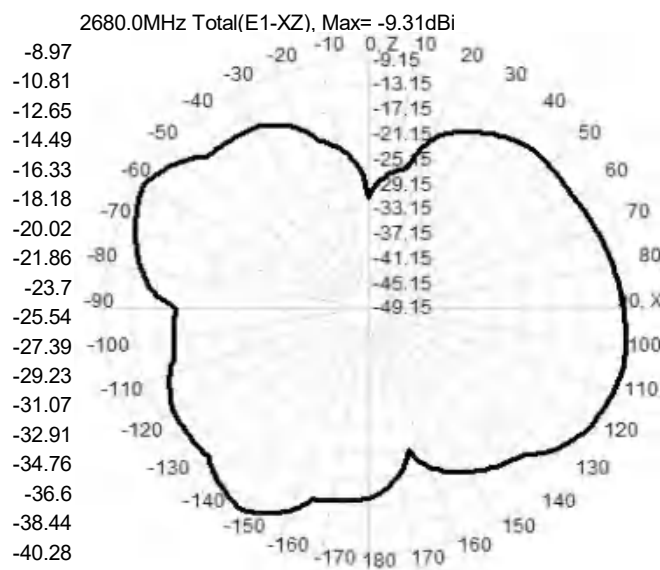
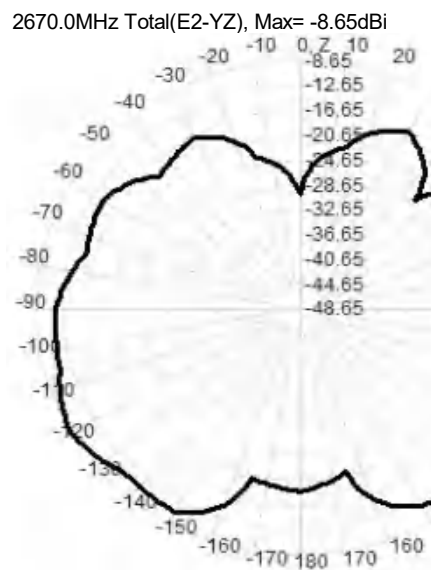
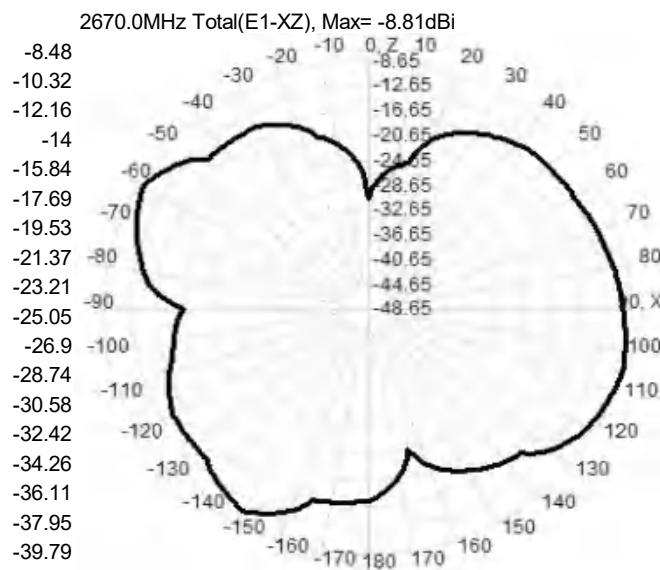
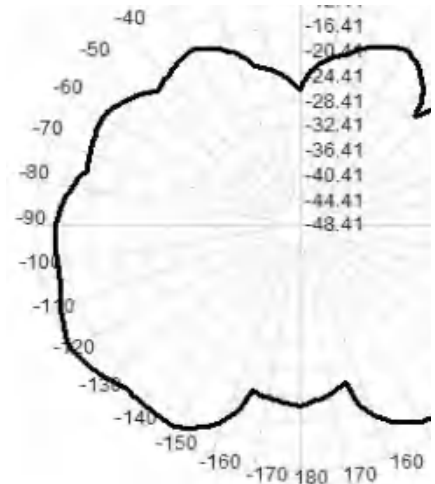
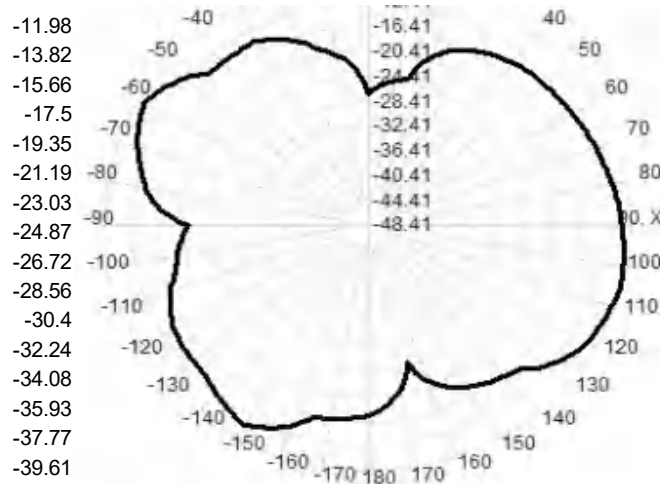
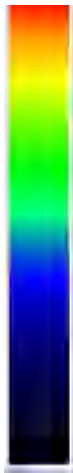


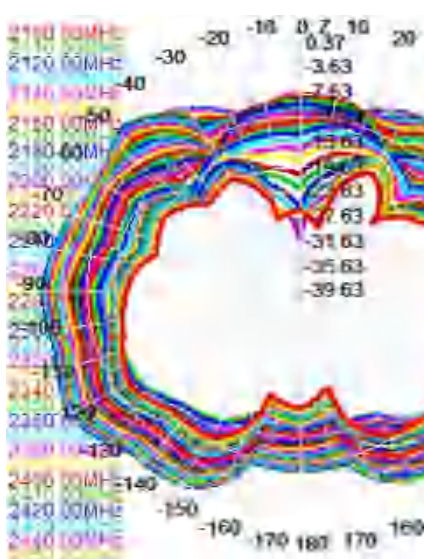
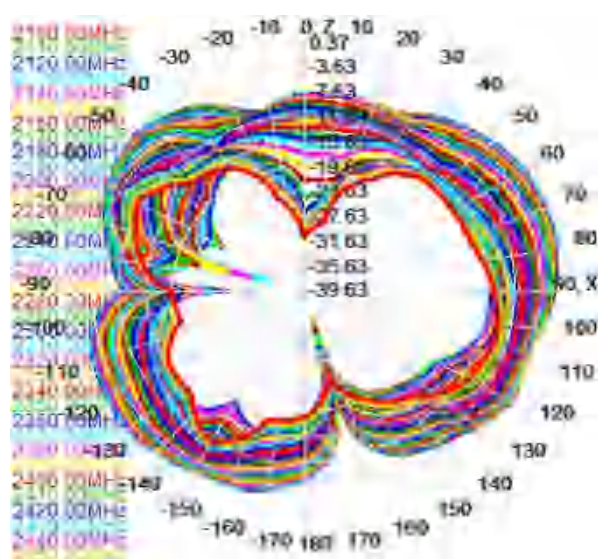
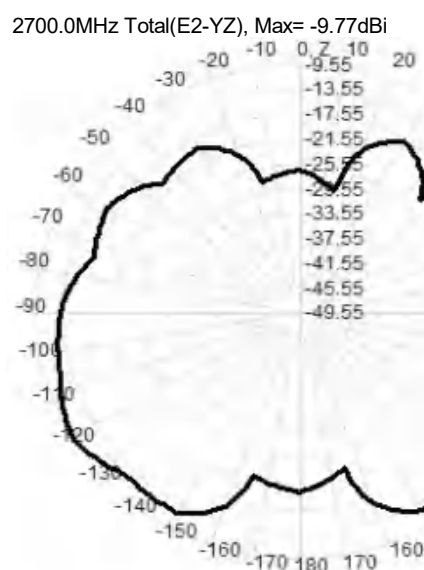
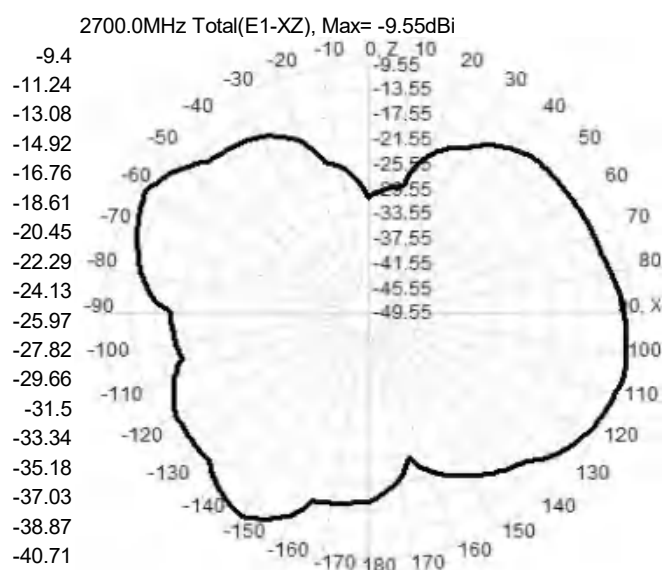
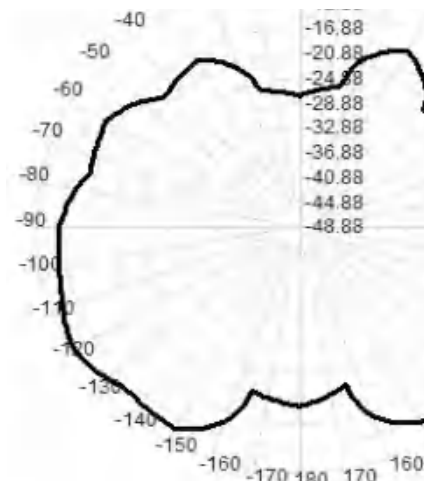
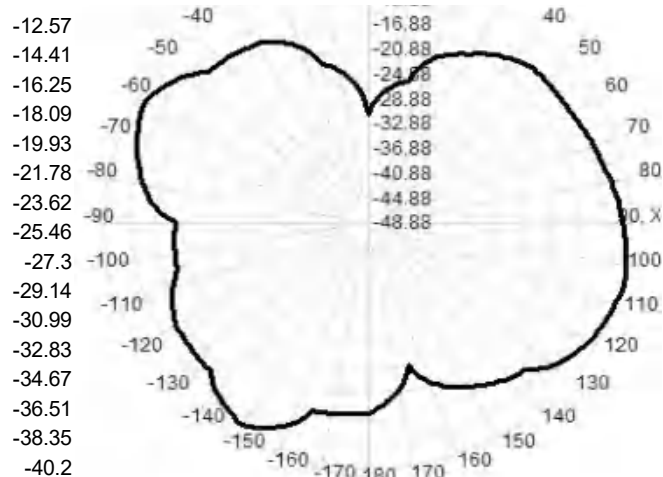
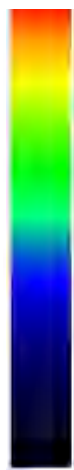






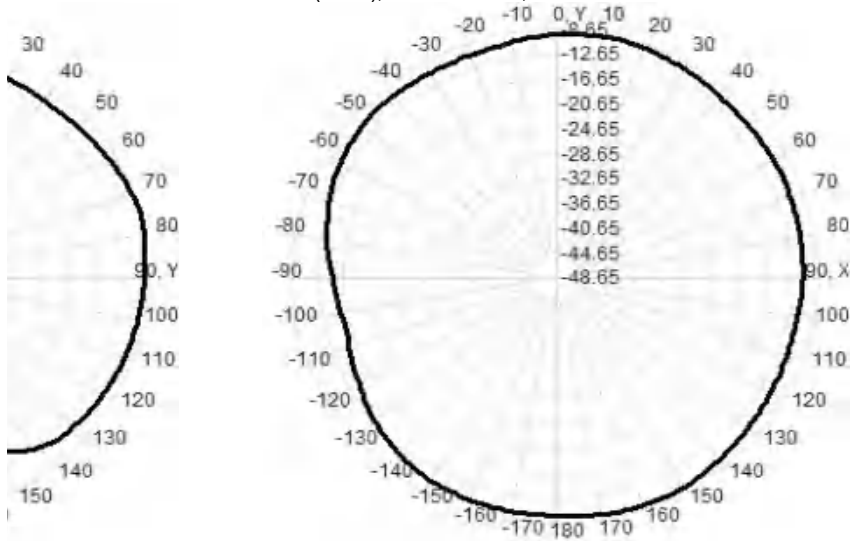




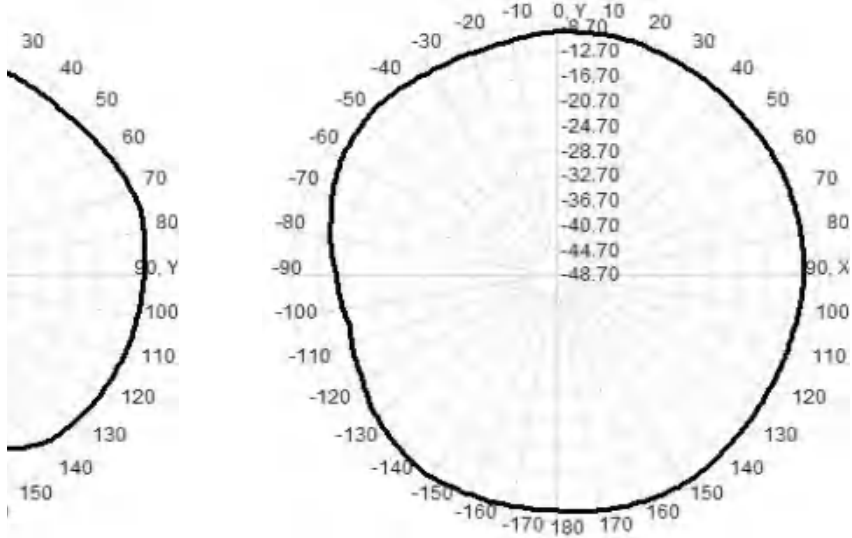


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Total(H-XY), Max= -9.11dBi, CirD=6.93

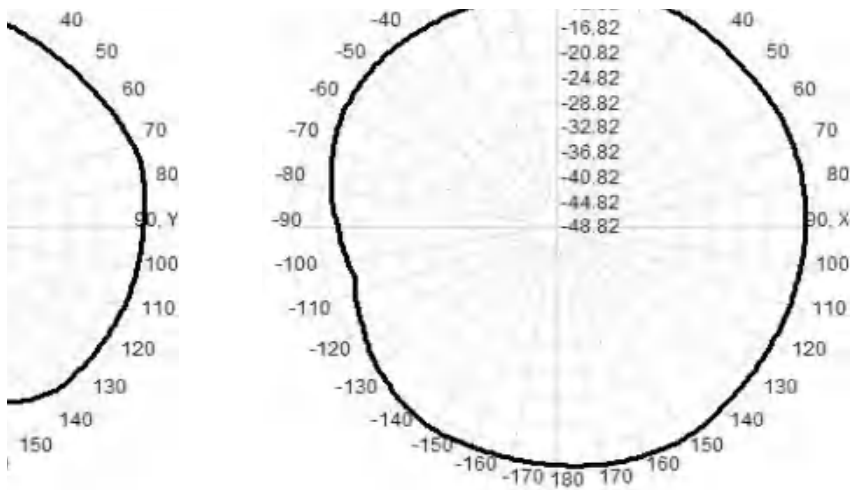


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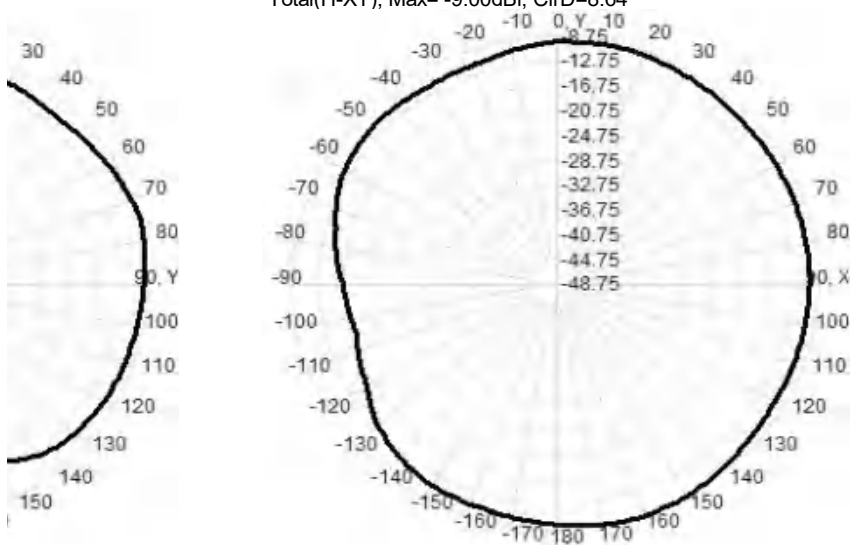


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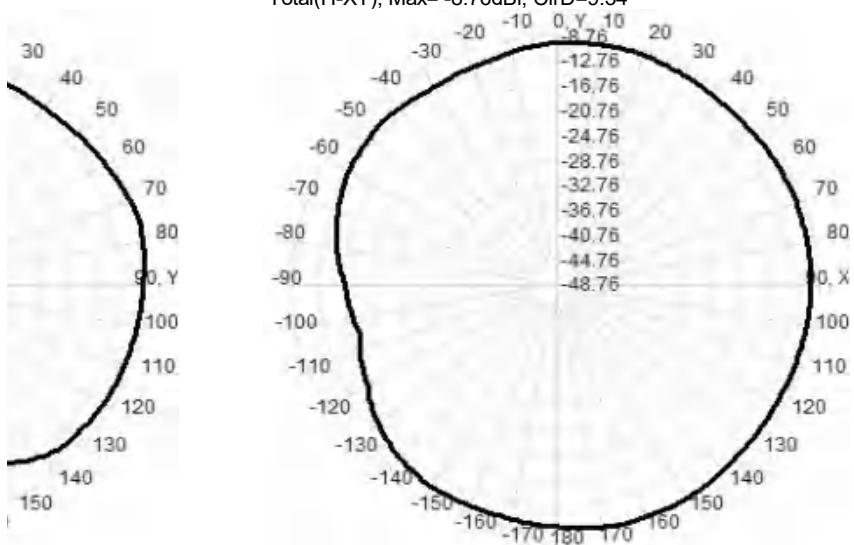




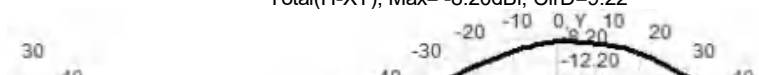
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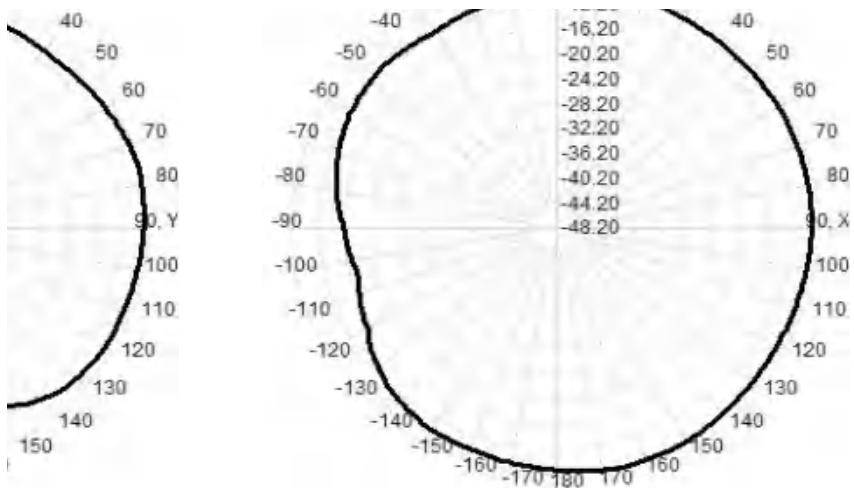


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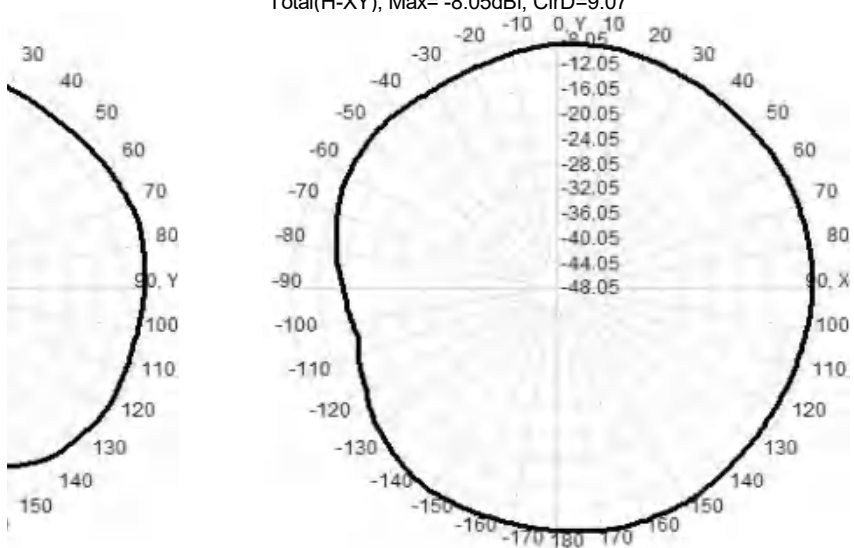


Total(H-XY), Max= -8.20dBi, CirD=9.22

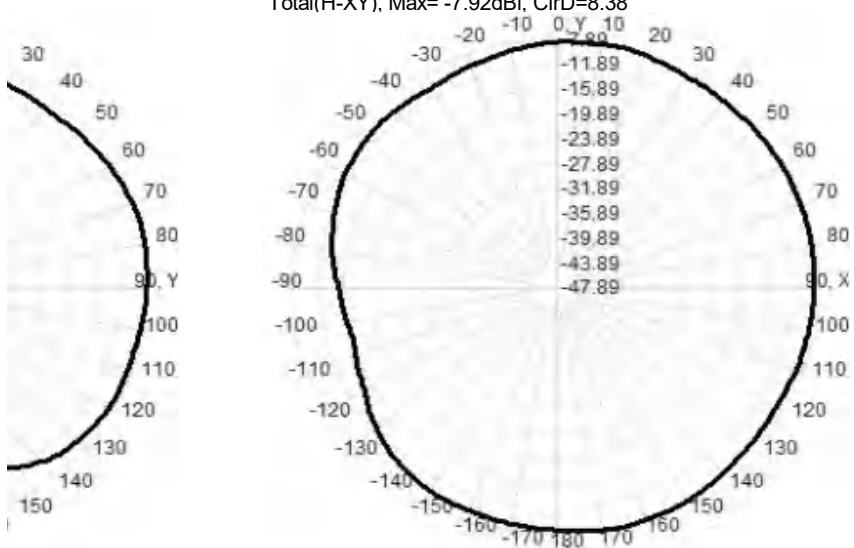




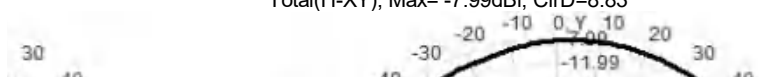
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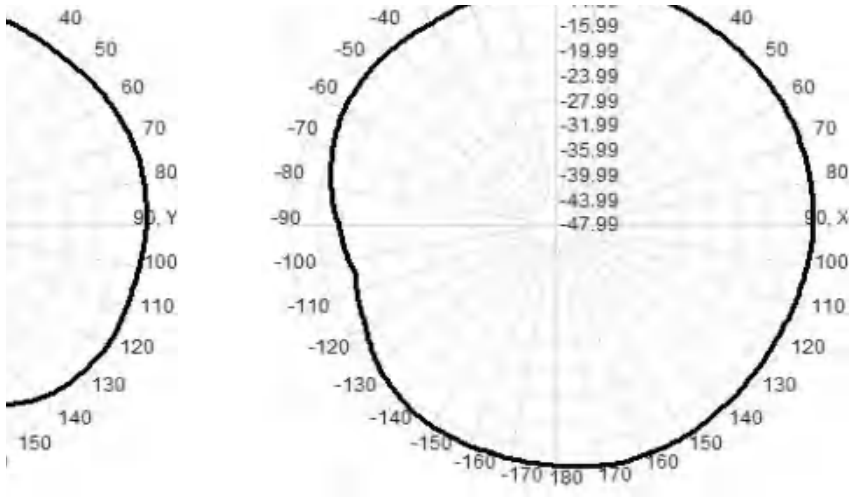


Total(H-XY), Max= -7.92dBi, CirD=8.38

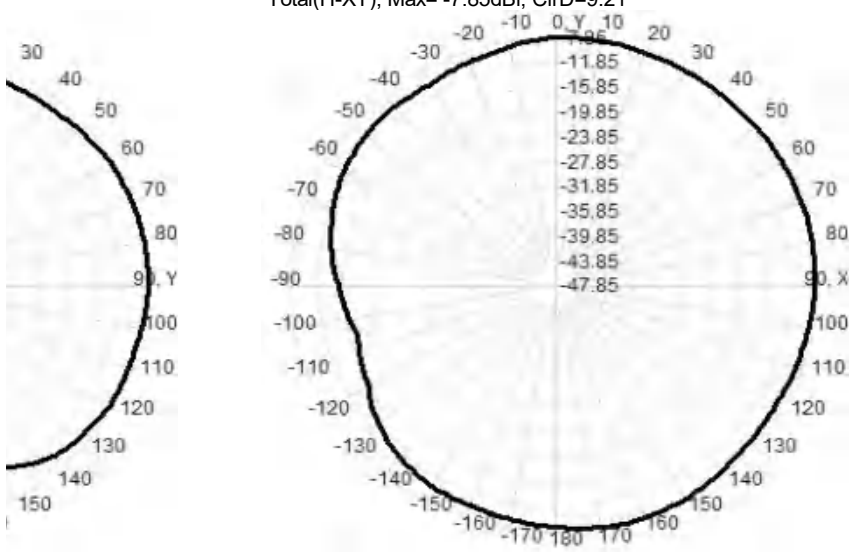


Total(H-XY), Max= -7.99dBi, CirD=8.83

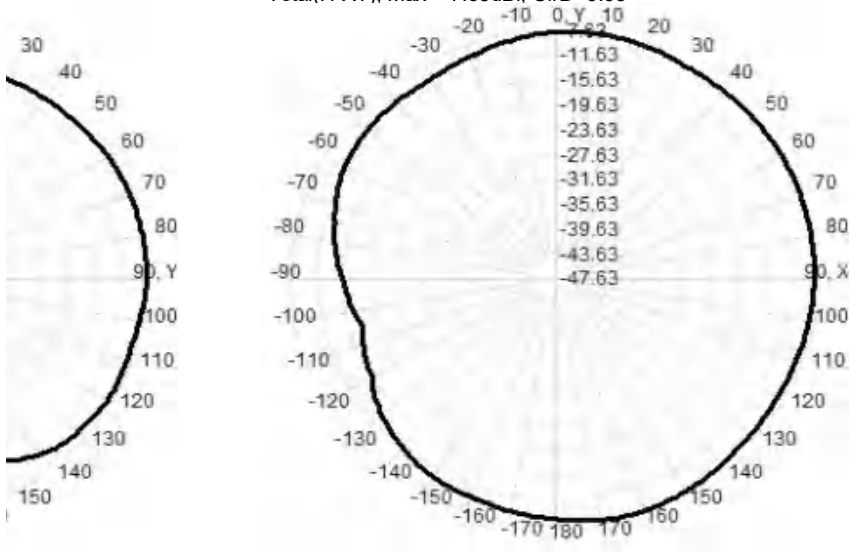




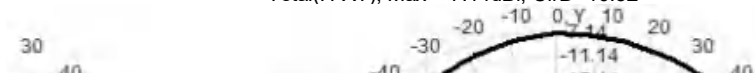
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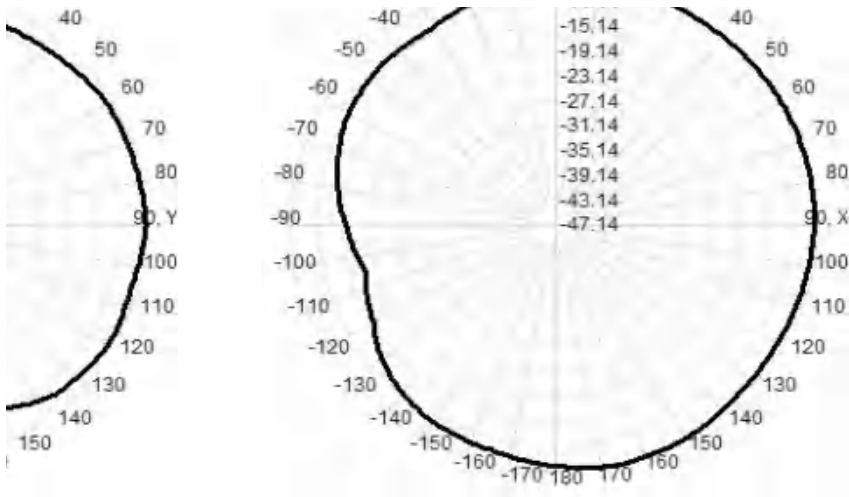


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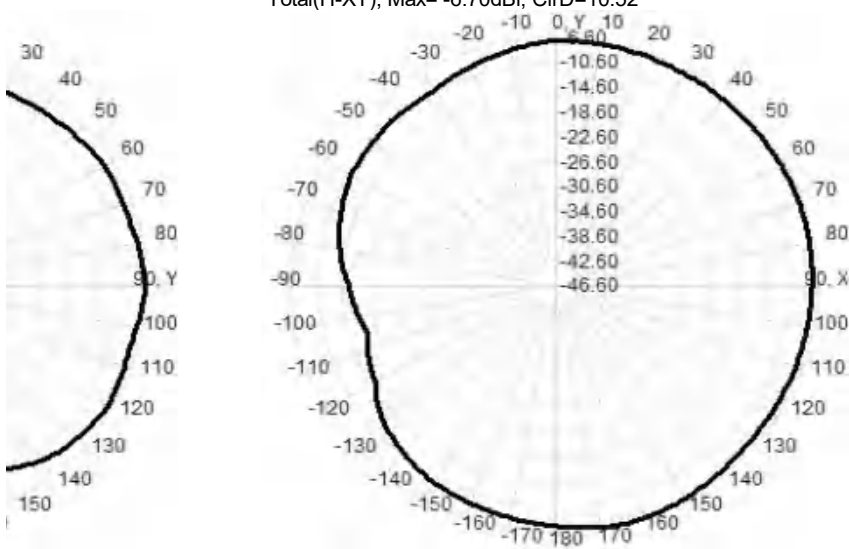


Total(H-XY), Max= -7.14dBi, CirD=10.52

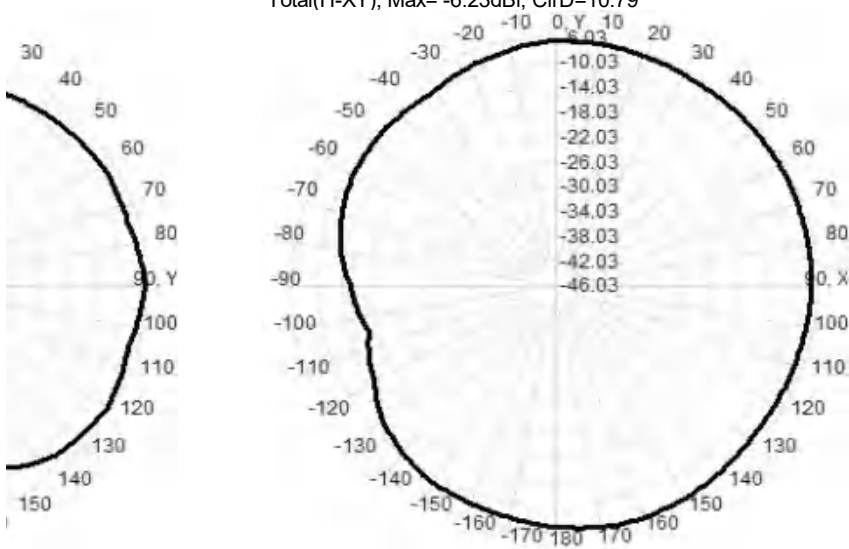




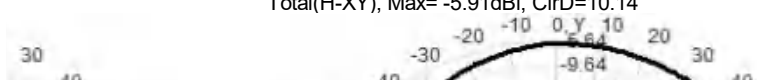
Total(H-XY), Max= -6.70dBi, CirD=10.52

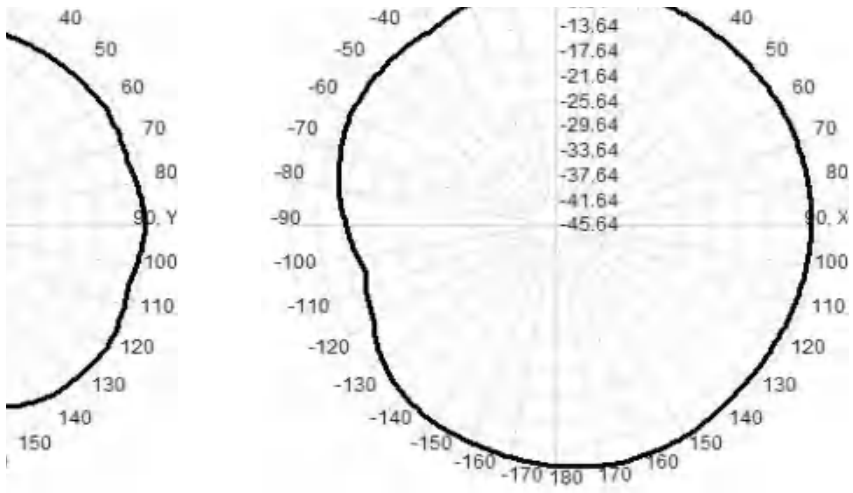


Total(H-XY), Max= -6.23dBi, CirD=10.79

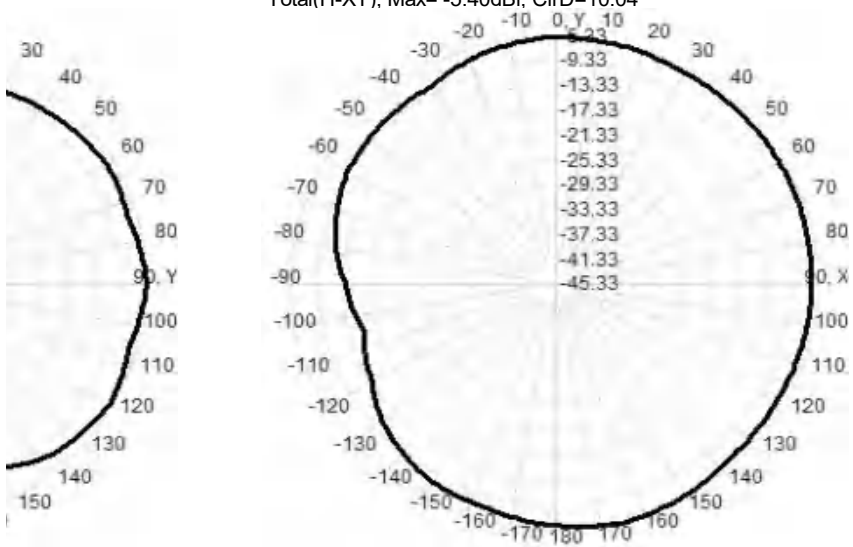


Total(H-XY), Max= -5.91dBi, CirD=10.14

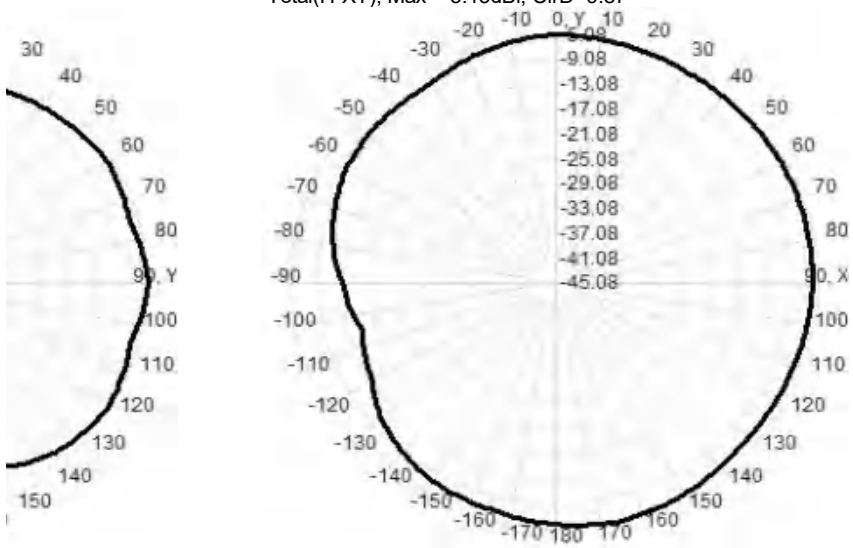




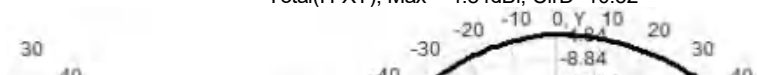
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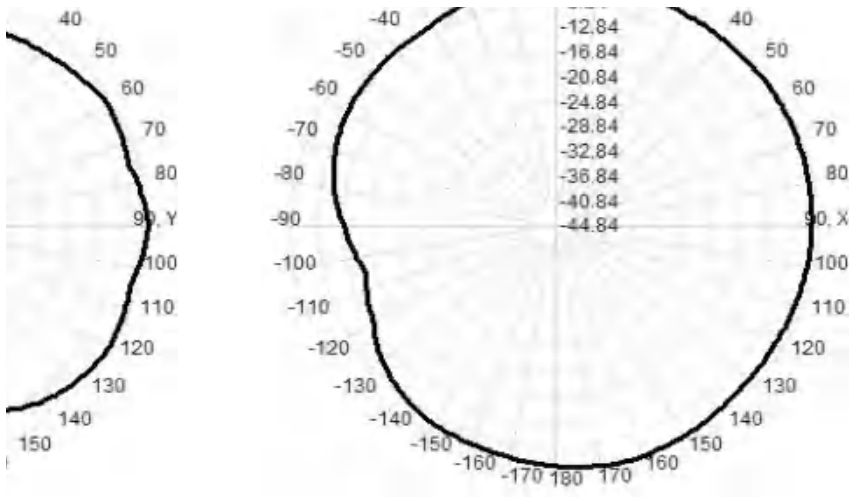


Total(H-XY), Max= -5.13dBi, CirD=9.87

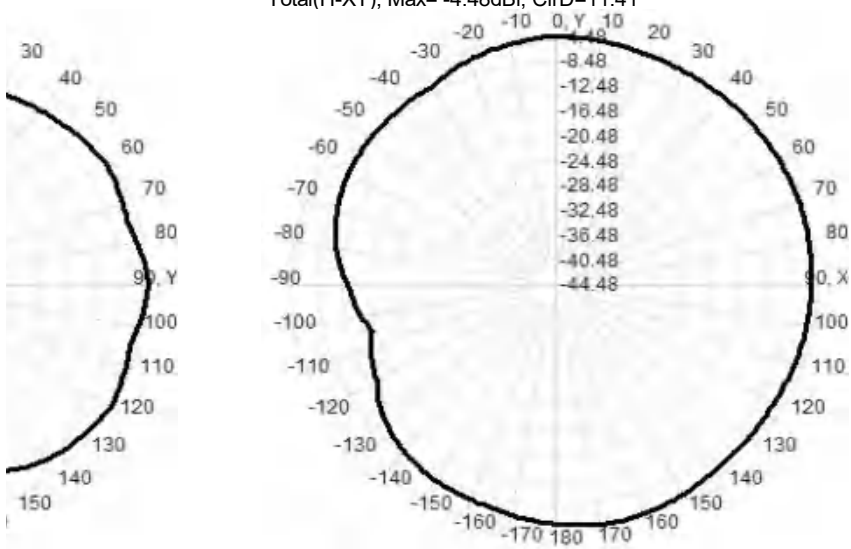


Total(H-XY), Max= -4.84dBi, CirD=10.52

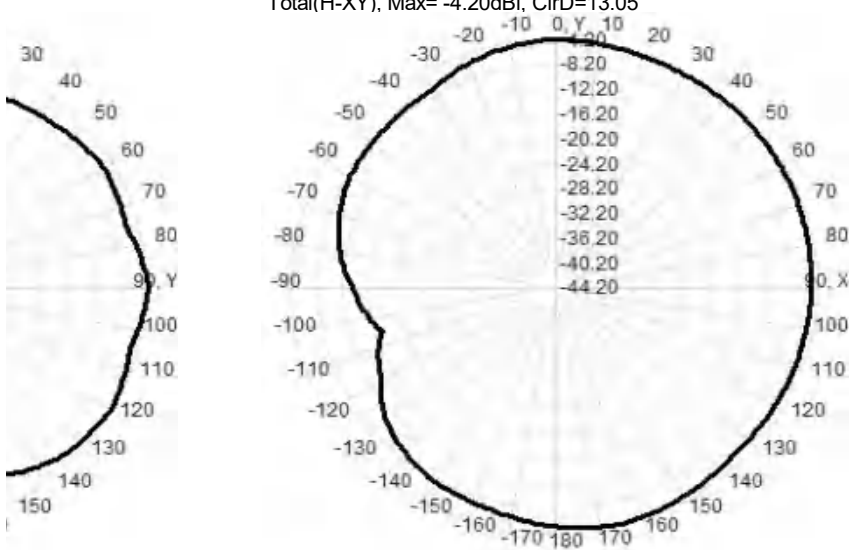




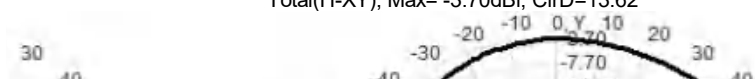
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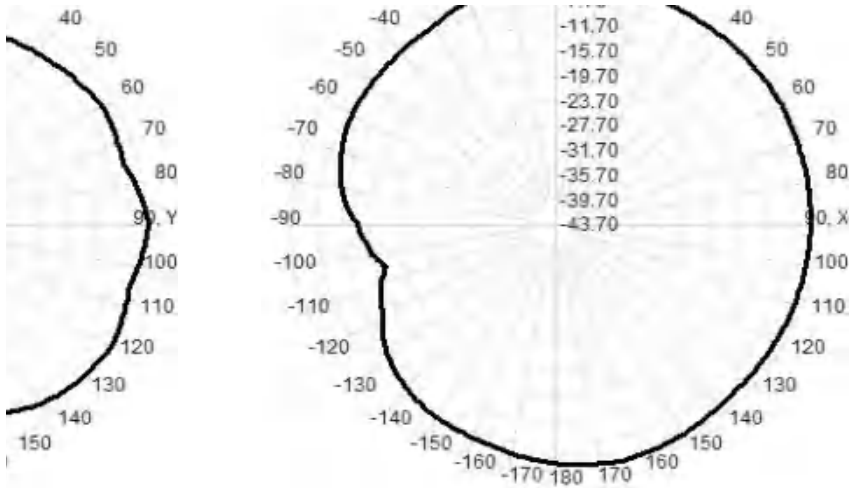


Total(H-XY), Max= -4.20dBi, CirD=13.05

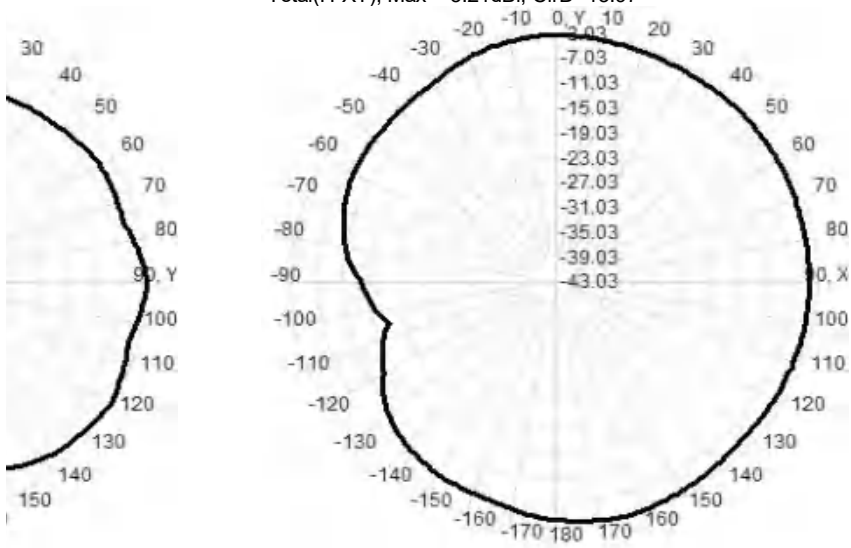


Total(H-XY), Max= -3.70dBi, CirD=13.62

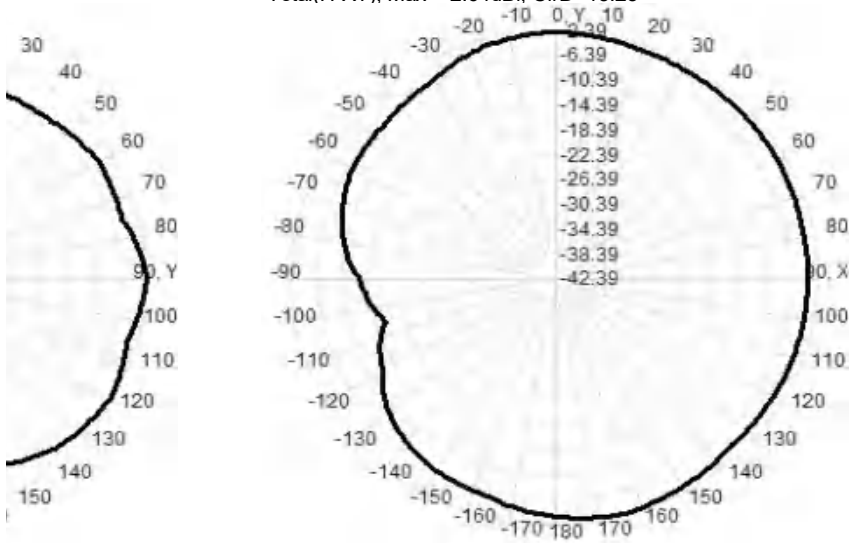




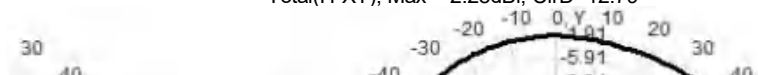
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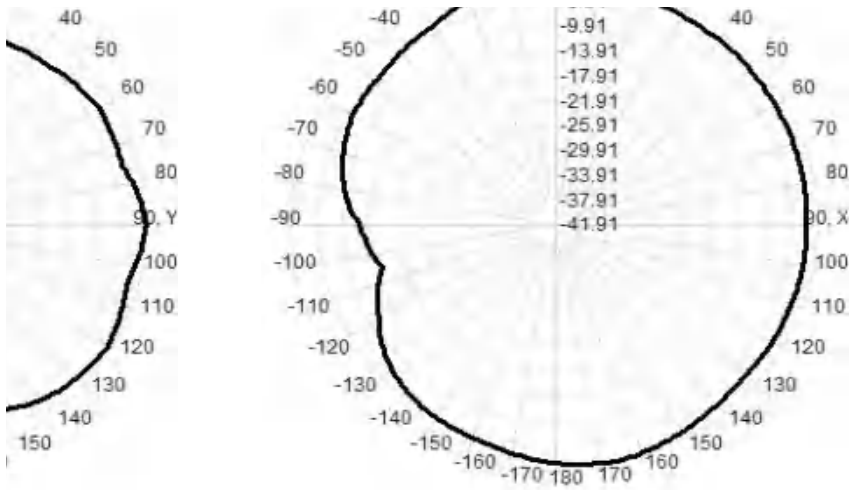


Total(H-XY), Max= -2.64dBi, CirD=13.25

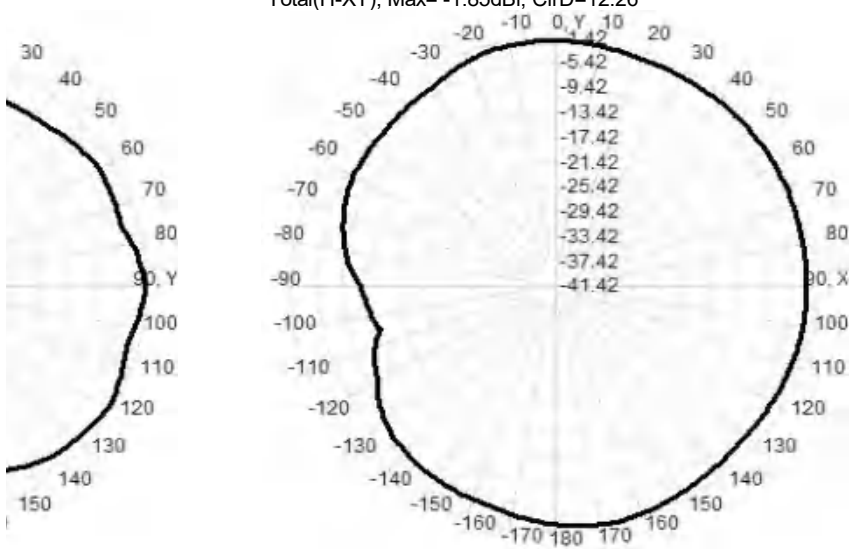


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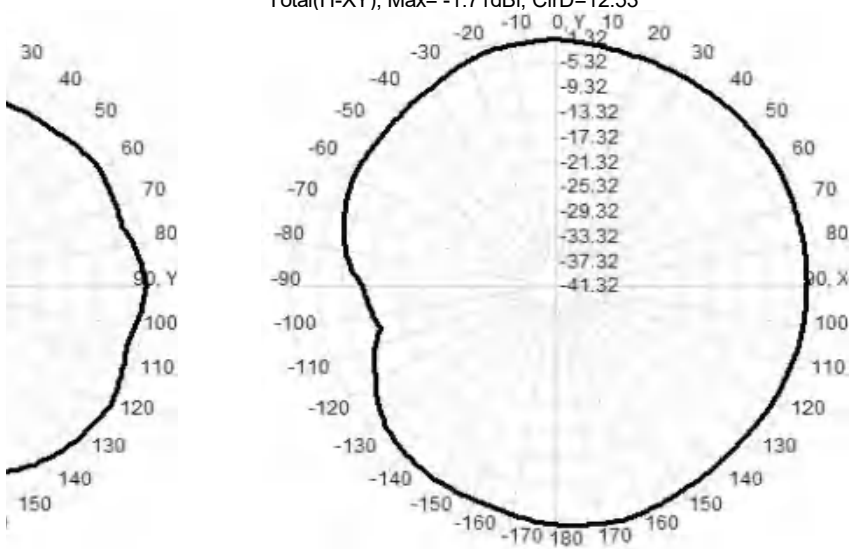




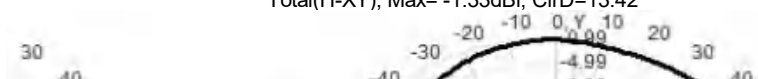
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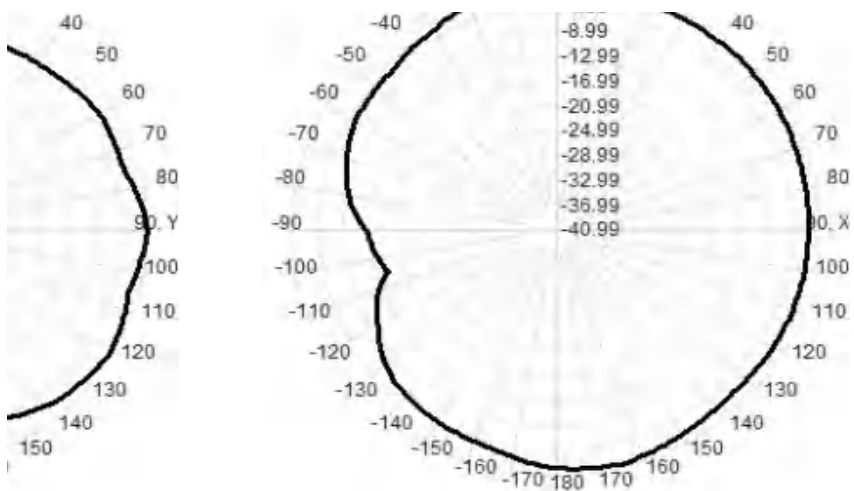


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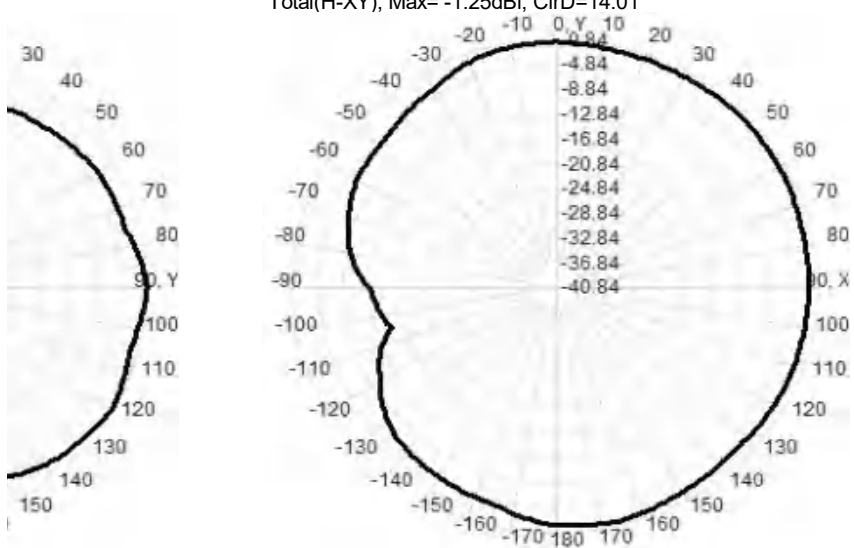


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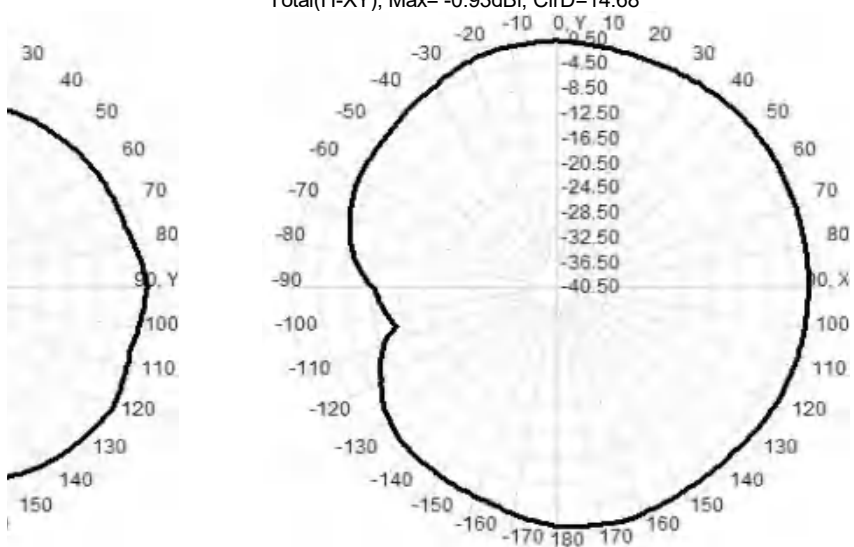




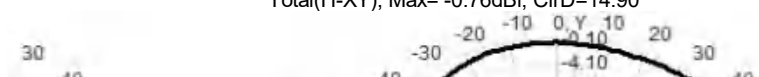
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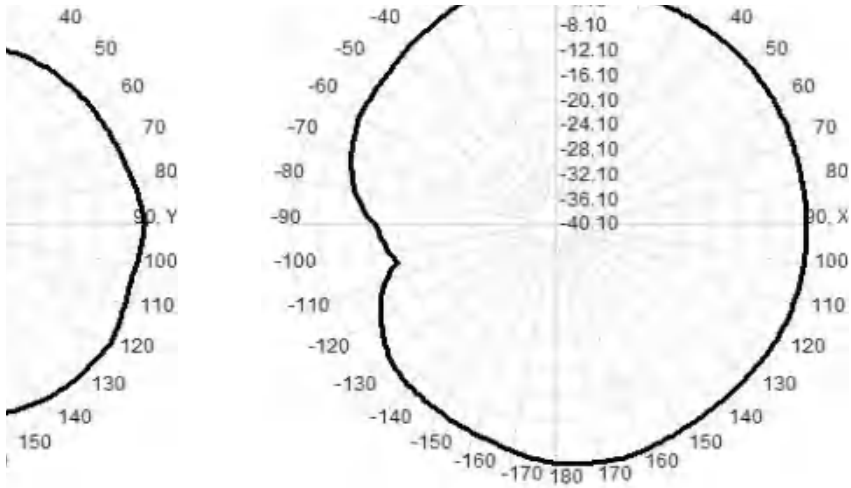


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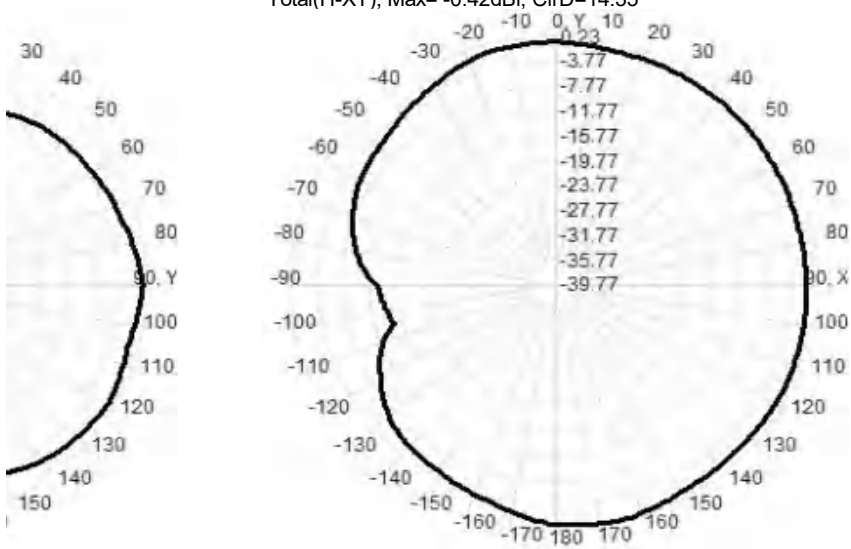


Total(H-XY), Max= -0.76dBi, CirD=14.90

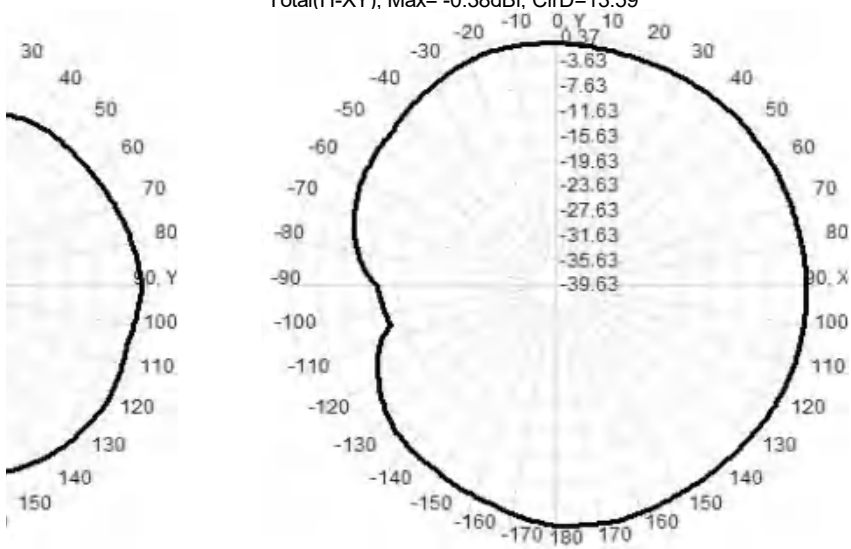




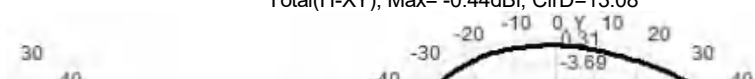
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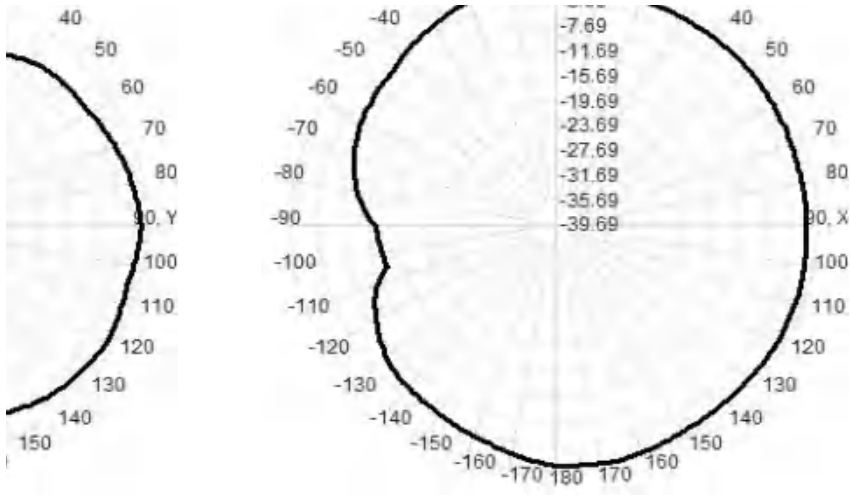


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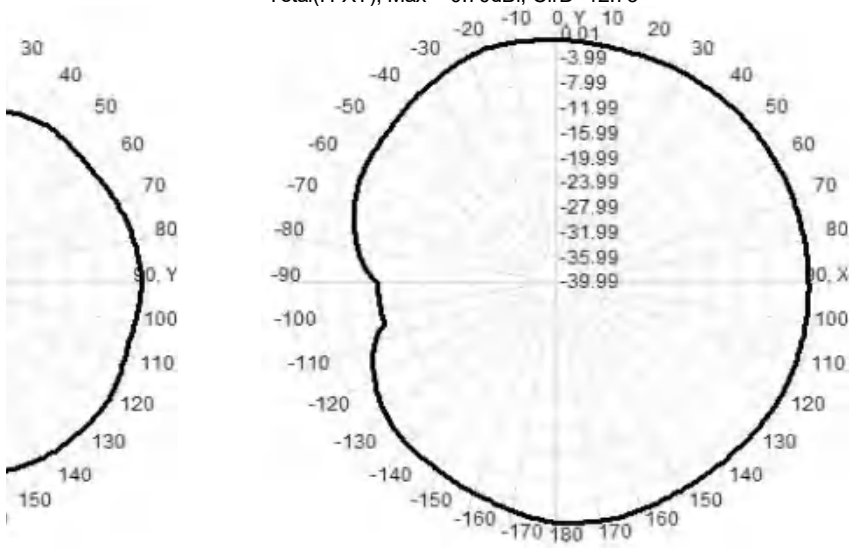


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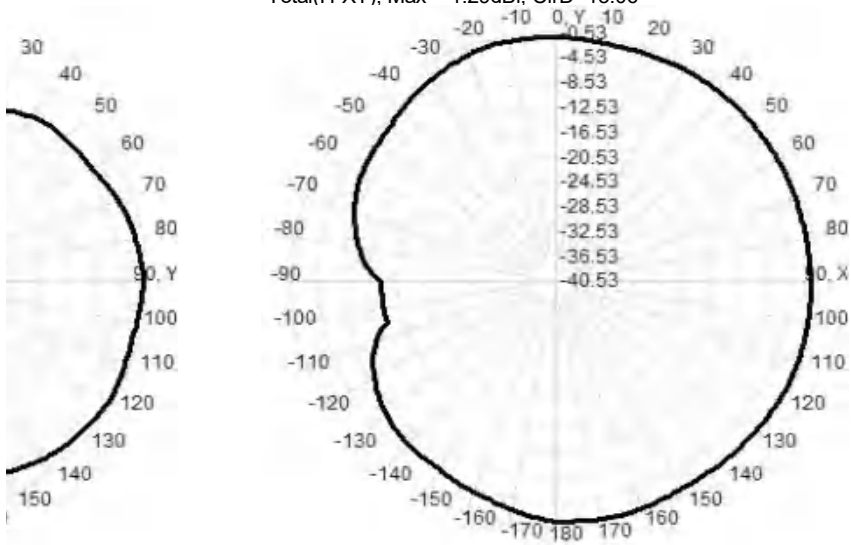




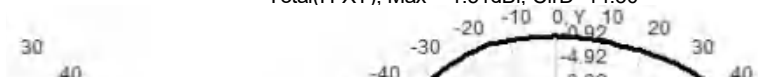
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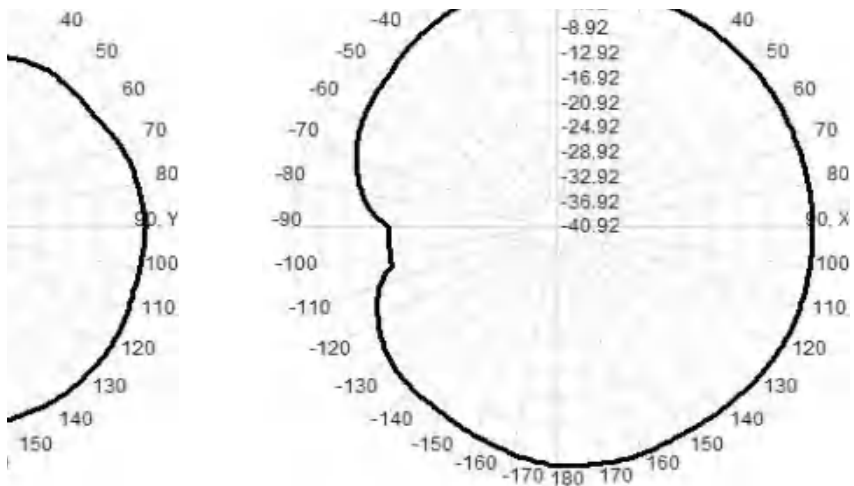


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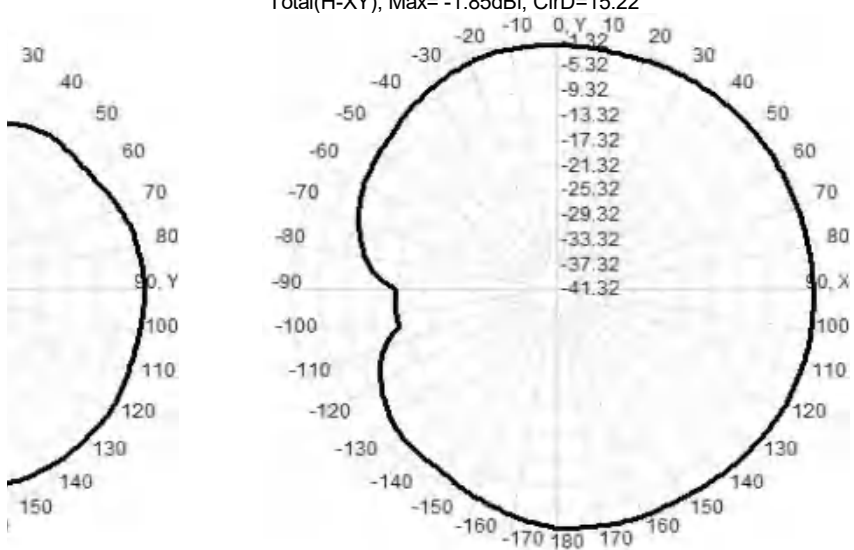


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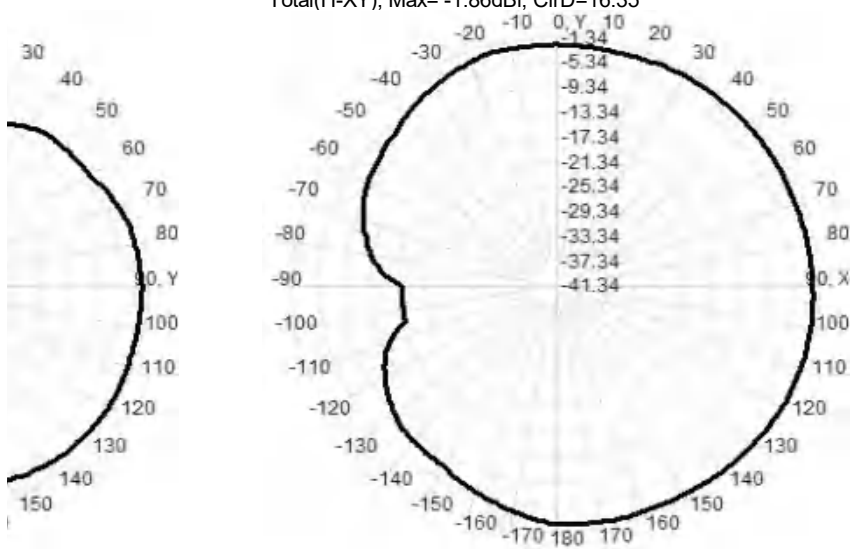




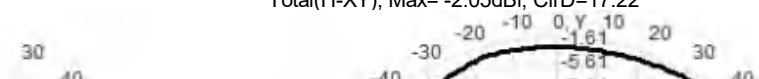
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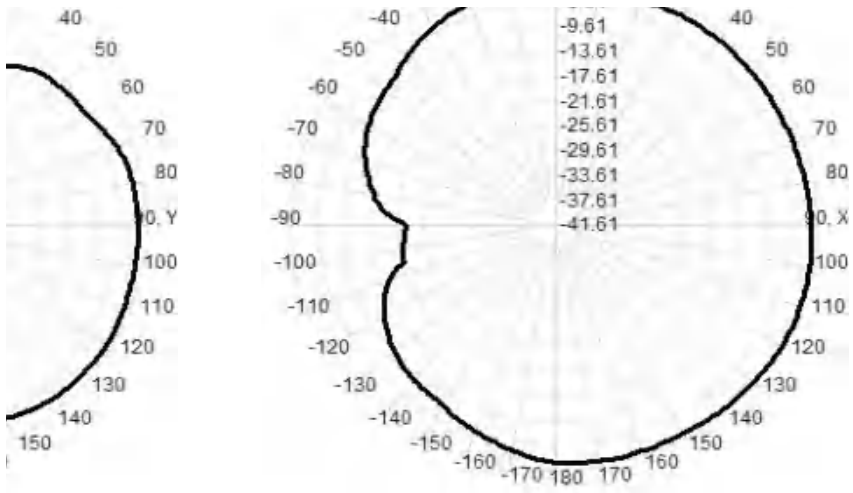


Total(H-XY), Max= -1.86dBi, CirD=16.35

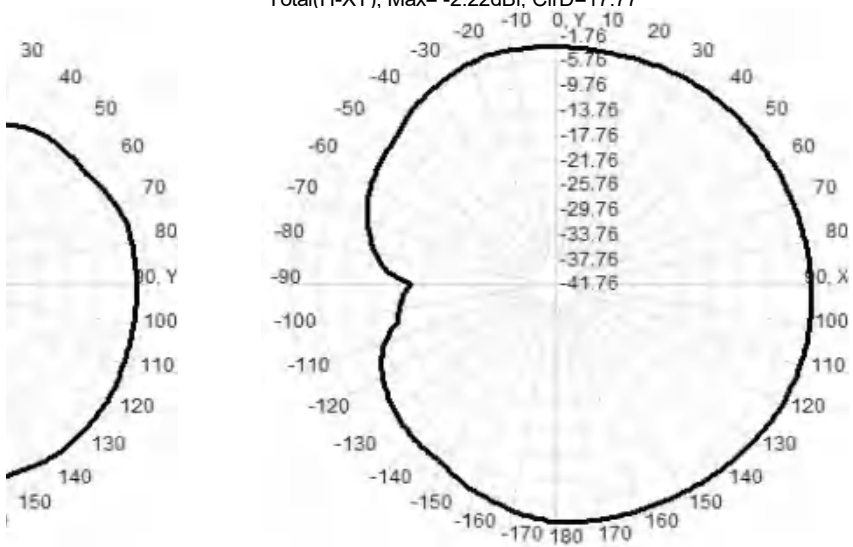


Total(H-XY), Max= -2.05dBi, CirD=17.22

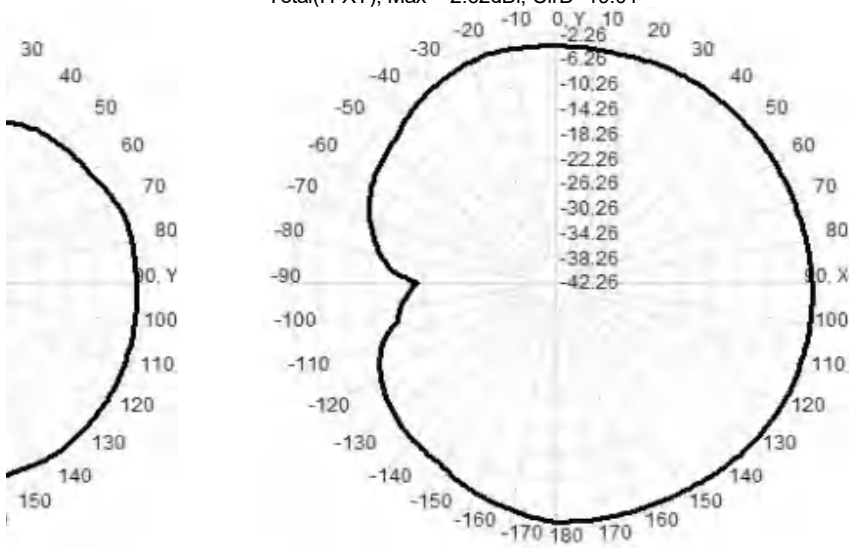




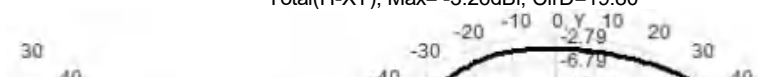
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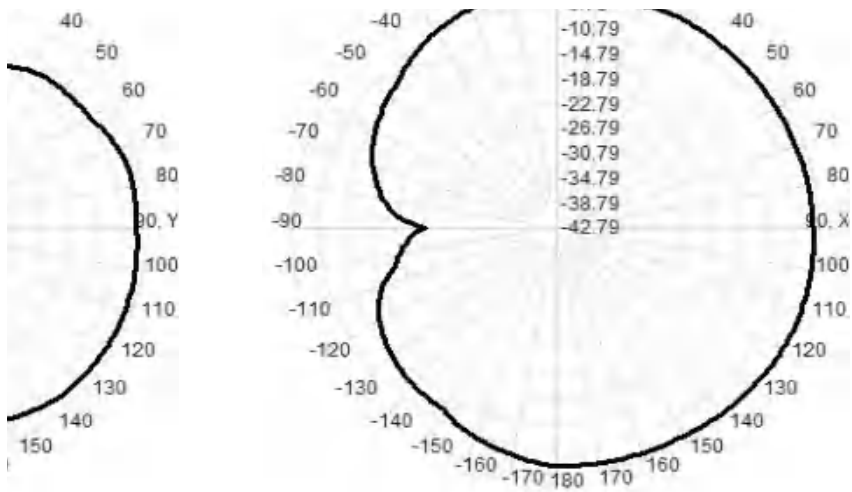


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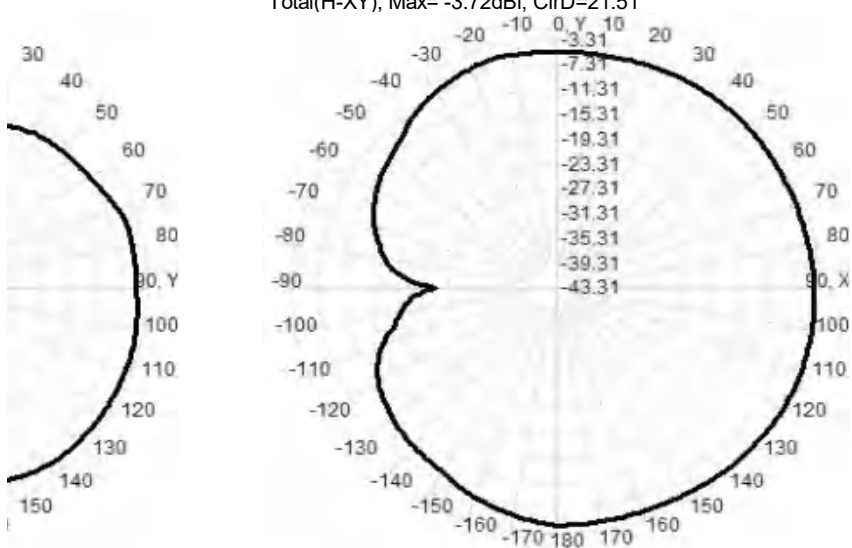


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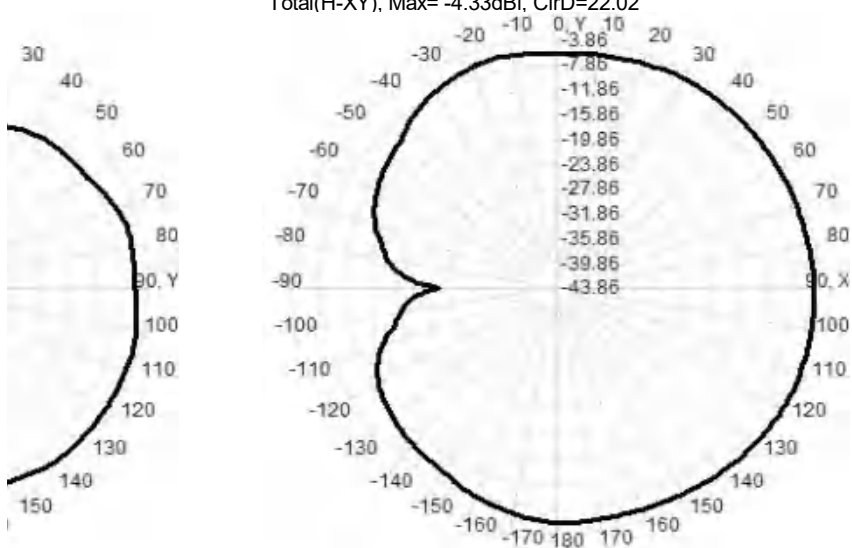




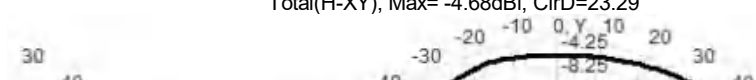
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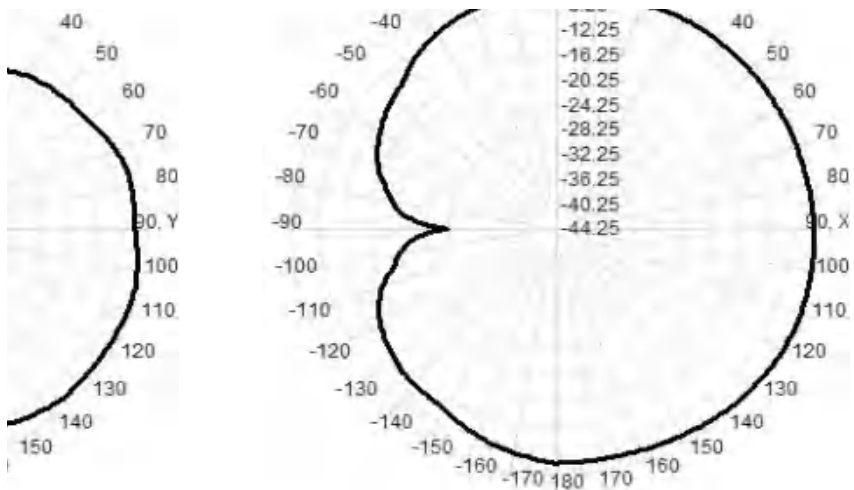


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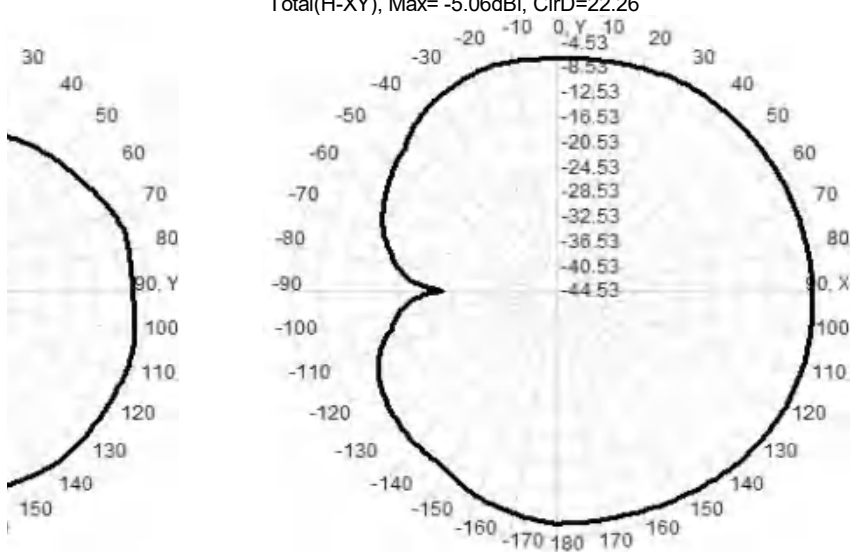


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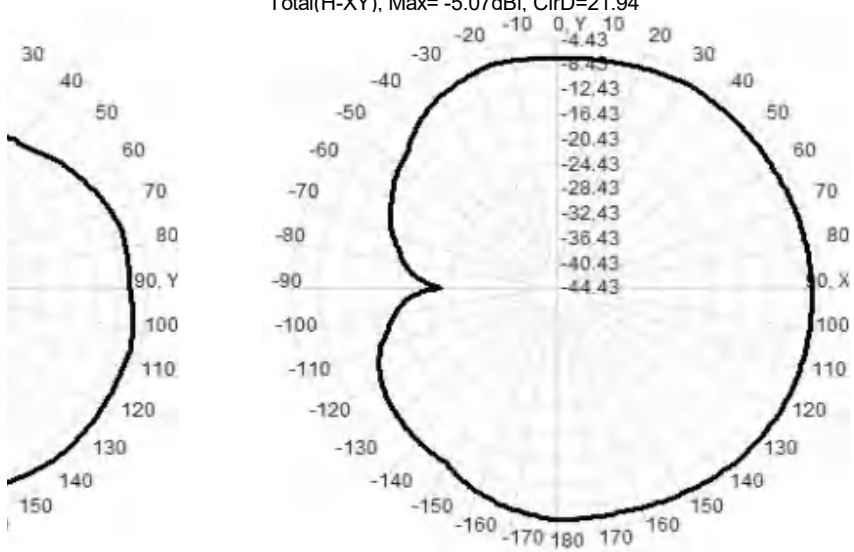




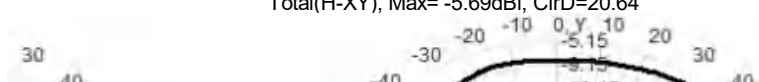
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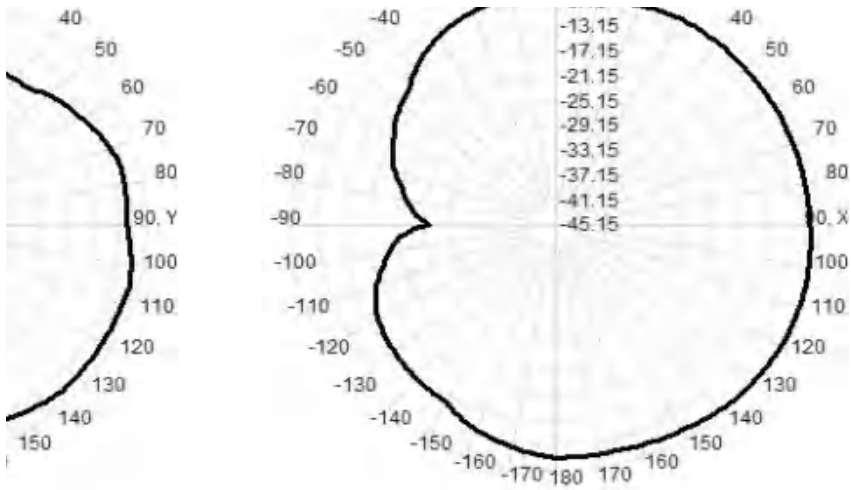


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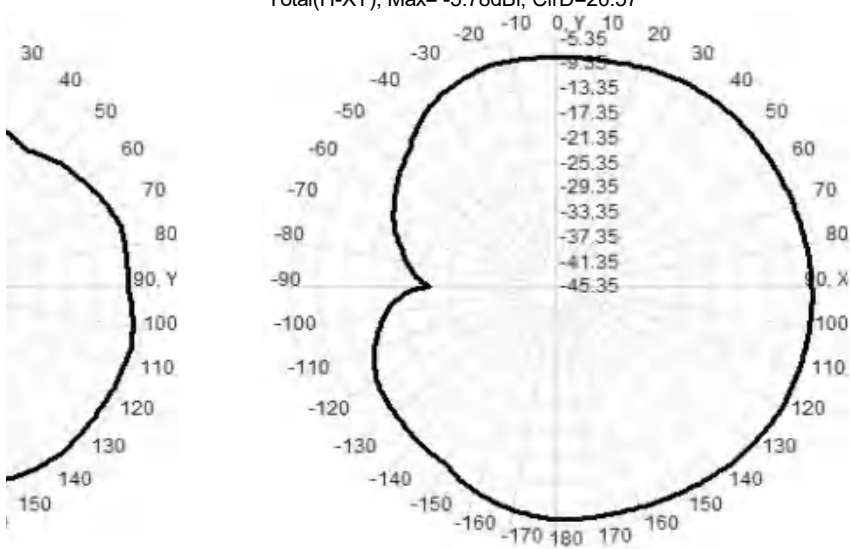


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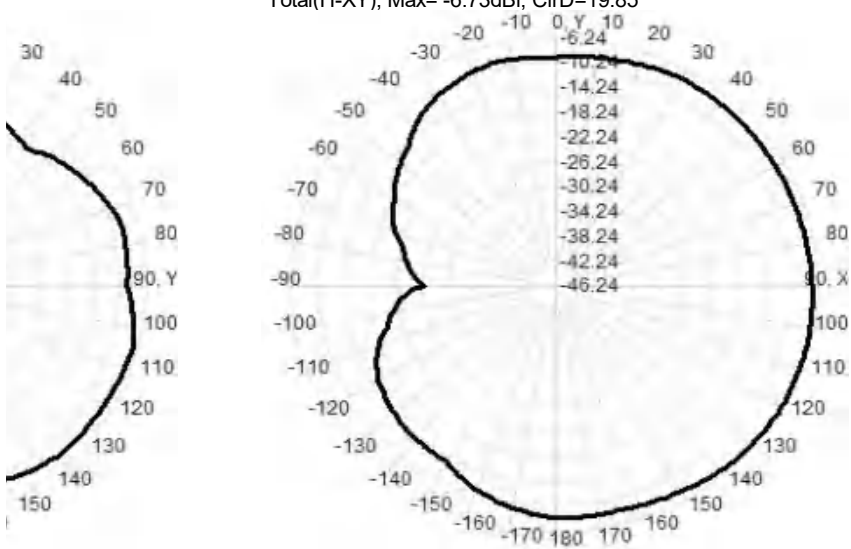




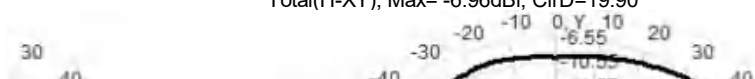
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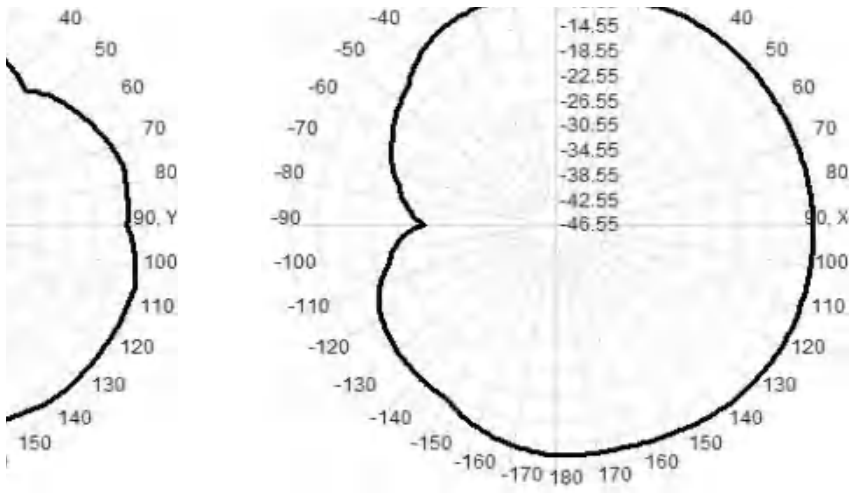


Total(H-XY), Max= -6.73dBi, CirD=19.85

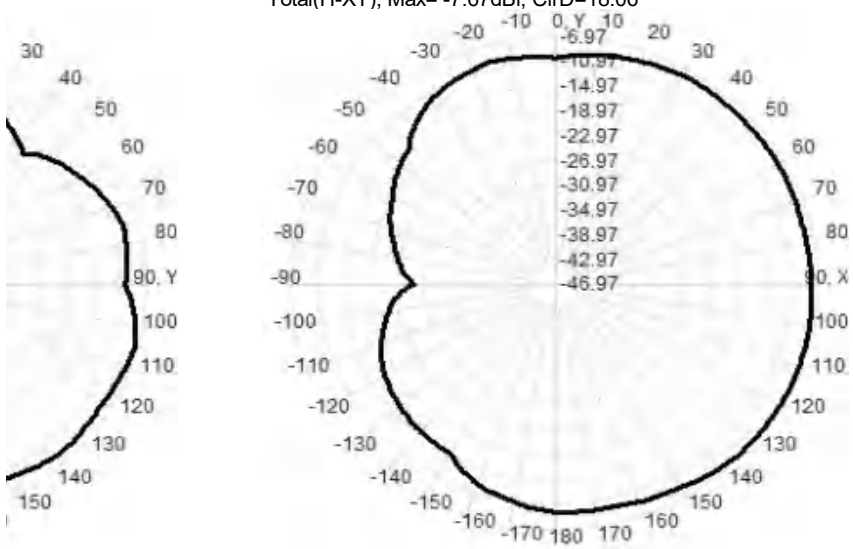


Total(H-XY), Max= -6.96dBi, CirD=19.90

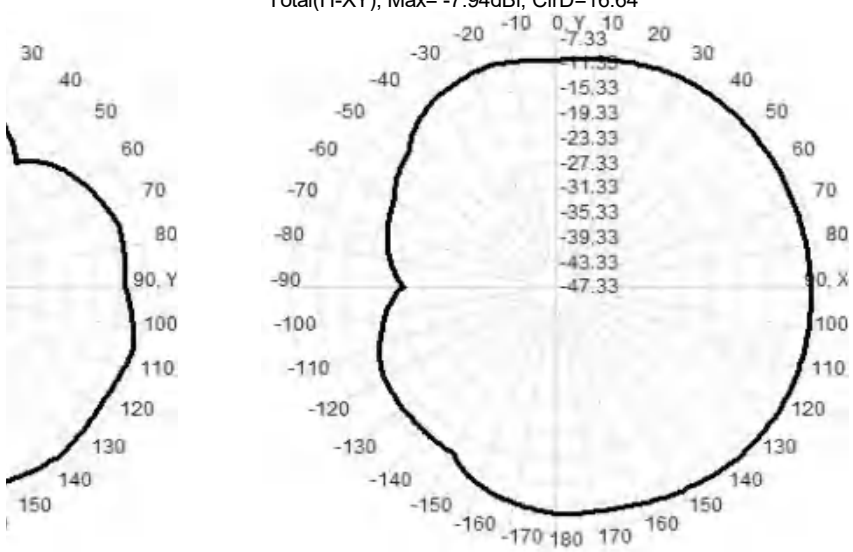




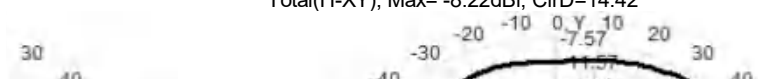
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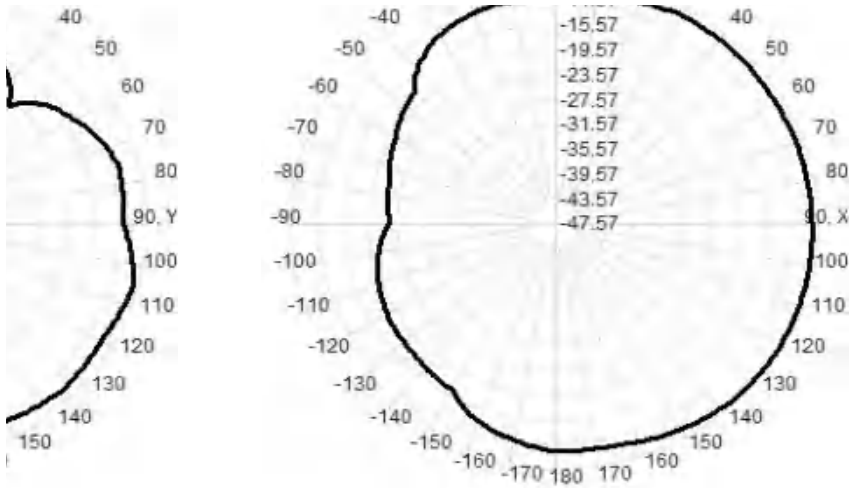


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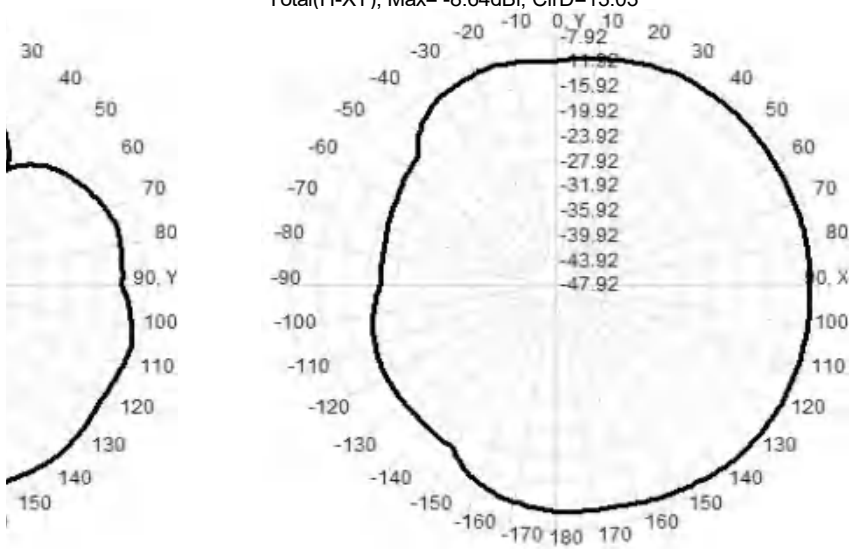


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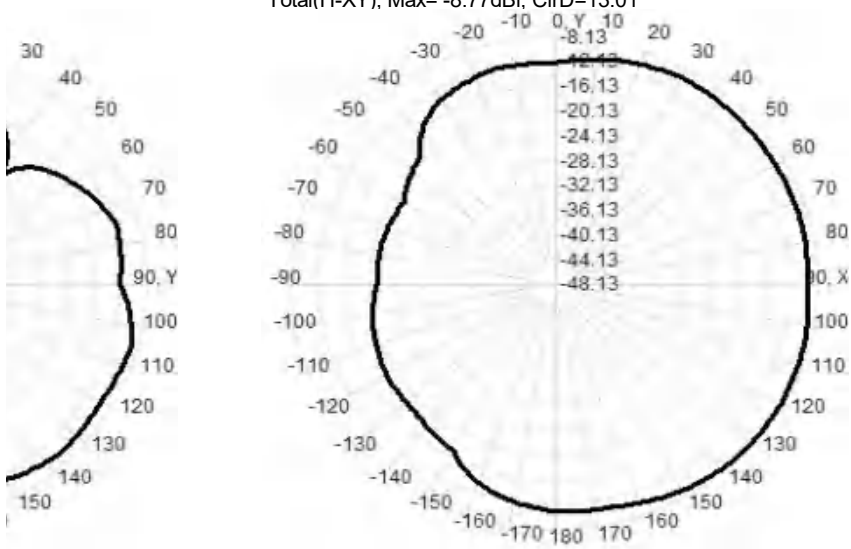




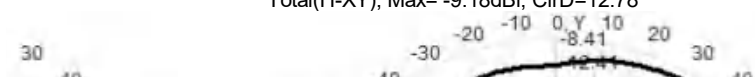
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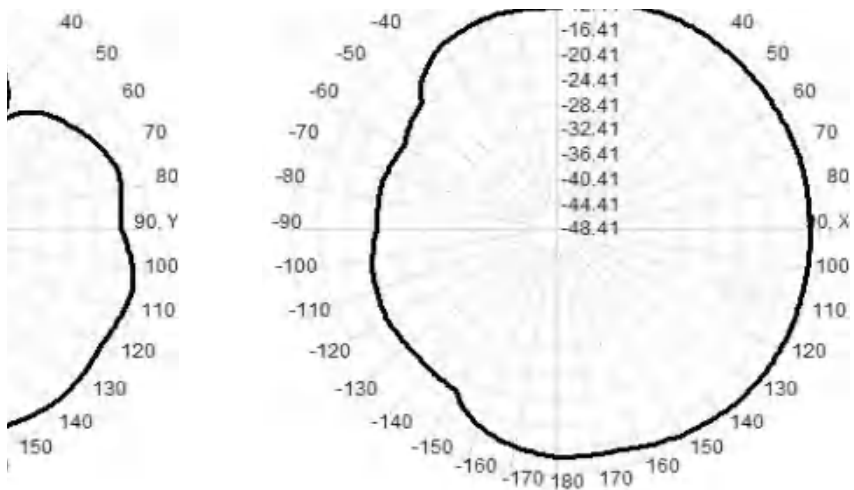


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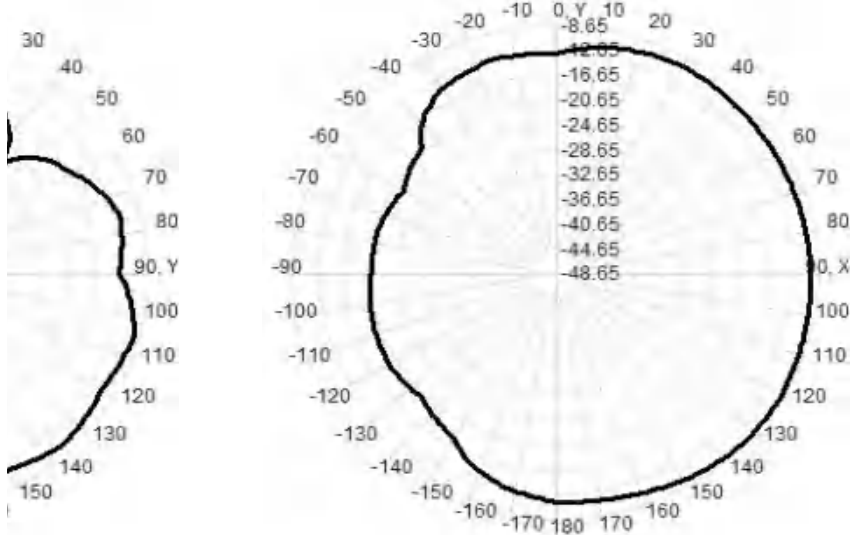


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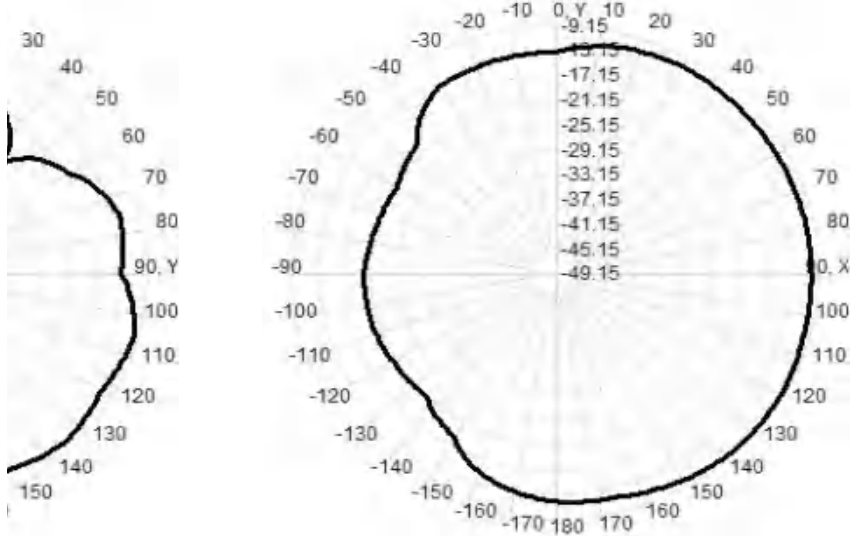




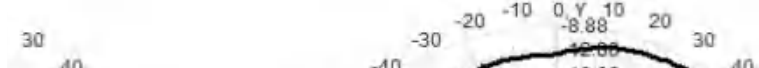
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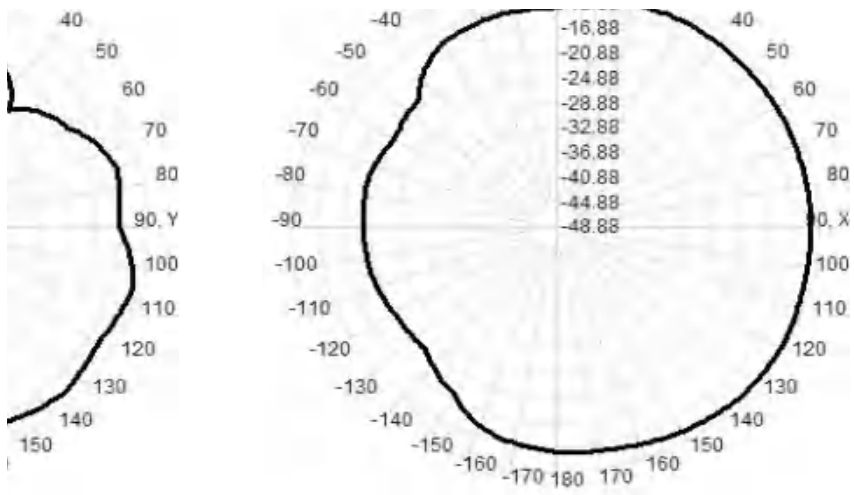


Total(H-XY), Max= -9.73dBi, CirD=11.75



Total(H-XY), Max= -9.62dBi, CirD=11.41





Total(H-XY), Max= -10.18dBi, CirD=12.46

