



森领通信科技有限公司

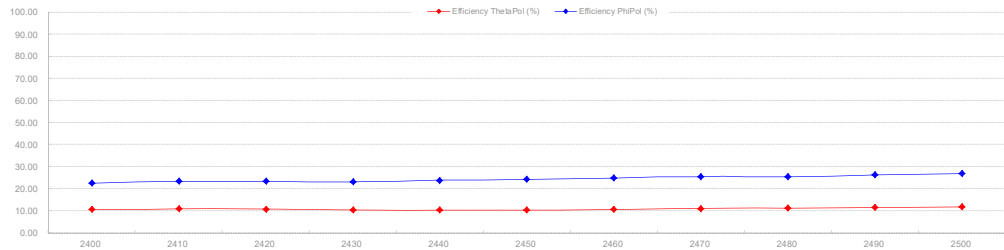
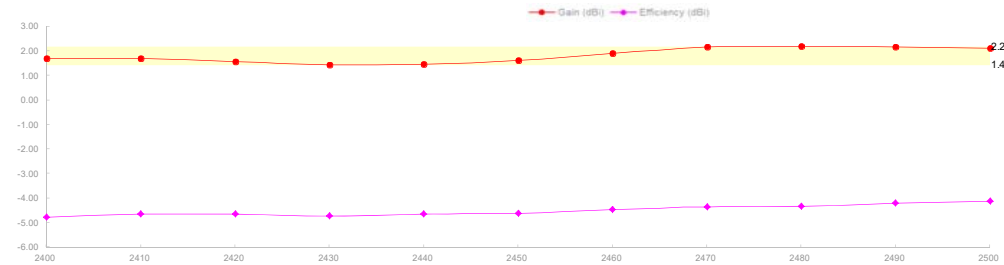
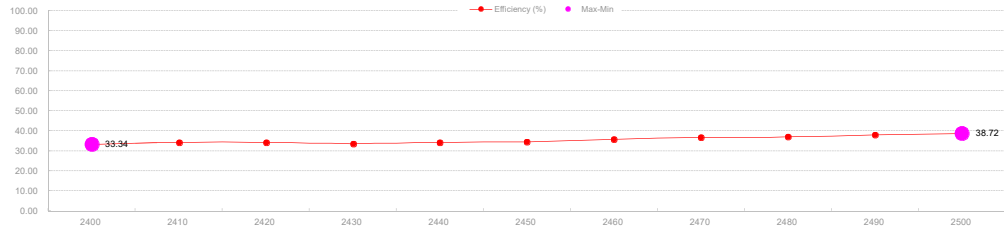
GUANGDONG SLEING COMM-TECH CO.,LTD

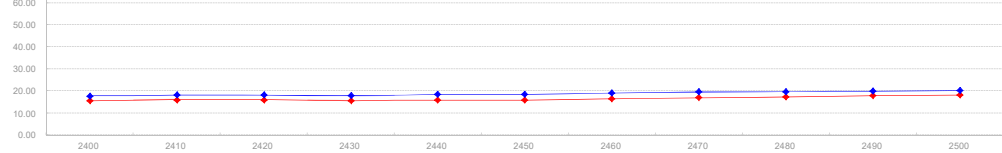
Room 402,Building 6, No. 24, Industrial East Road, Songshan Lake

Park,Dongguan City, Guangdong Province

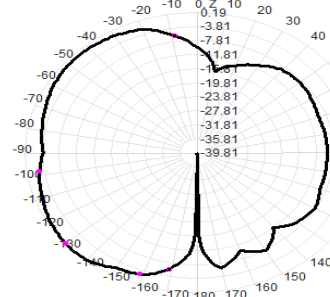
Part No.: 2400 1105

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-4.77	-4.65	-4.65	-4.73	-4.65	-4.61	-4.47	-4.35	-4.33	-4.21	-4.12
Gain (dBi)	1.70	1.69	1.57	1.44	1.46	1.62	1.90	2.17	2.20	2.18	2.11
Efficiency (%)	33.34	34.31	34.29	33.66	34.32	34.61	35.71	36.74	36.93	37.91	38.72
Directivity (dB)	6.47	6.34	6.22	6.17	6.11	6.23	6.38	6.51	6.52	6.39	6.25
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
Peak Gain Position (Phi)	340.00	340.00	330.00	330.00	340.00	340.00	340.00	340.00	340.00	340.00	340.00
Efficiency ThetaPol (%)	10.65	10.94	10.84	10.45	10.41	10.37	10.71	11.14	11.31	11.65	11.86
Efficiency PhiPol (%)	22.69	23.37	23.45	23.21	23.91	24.23	25.00	25.60	25.62	26.26	26.86
Upper Hem. Efficiency (%)	15.54	16.05	16.07	15.71	15.89	16.00	16.56	17.09	17.28	17.85	18.33
Lower Hem. Efficiency (%)	17.80	18.26	18.22	17.95	18.42	18.61	19.15	19.65	19.65	20.06	20.39
T90(H)圆度	17.85	20.08	21.00	20.24	21.59	21.57	19.64	17.40	17.41	17.14	16.41
Gain 15deg (dBi)											
E1(XZ)波瓣宽度	61.00	63.00	65.00	67.00	68.00	69.00	67.00	66.00	67.00	67.00	74.00
E1(XZ)前后比	2.19	2.08	1.78	1.62	1.74	1.71	1.77	1.76	1.72	1.78	1.66
E2(YZ)波瓣宽度	110.00	108.00	108.00	113.00	115.00	117.00	116.00	106.00	105.00	107.00	113.00
E2(YZ)前后比	1.43	1.86	2.17	2.49	3.39	3.28	3.29	3.51	3.56	3.36	3.17
最大增益处轴比(P)	21.74	25.52	32.71	51.85	43.24	33.93	27.64	25.28	25.49	27.98	32.11
顶点(Theta=0)处轴比(P)	16.00	14.06	13.14	12.79	15.45	19.88	7.55	6.58	9.34	10.42	9.79
仰角10度处轴比(P)	62.33	60.34	51.12	76.11	59.26	52.55	47.99	66.42	66.60	53.77	55.63
Hc(XY)波瓣宽度	60.00	59.00	61.00	65.00	68.00	69.00	66.00	62.00	58.00	56.00	57.00
Hc(XY)前后比	2.31	2.44	2.41	2.21	1.96	1.82	2.10	2.54	2.97	3.27	3.43
左旋圆极化效率(%)	18.91	19.57	19.62	19.32	19.68	19.83	20.46	21.08	21.25	21.91	22.51
右旋圆极化效率(%)	14.43	14.74	14.67	14.34	14.64	14.77	15.25	15.66	15.68	16.00	16.21
最大增益处交极比(+/-45极化)	18.56	19.23	14.28	13.95	15.48	14.17	13.62	13.89	14.50	14.98	14.86
最大增益处交极比(水平垂直极化)	1.46	1.66	3.37	3.53	2.95	3.42	3.59	3.40	3.15	3.04	3.14
T60度Phi一面最差交极比(+/-45极化)	0.02	0.00	0.01	0.01	0.02	0.07	0.03	0.00	0.01	0.01	0.00
T60度Phi一面最差交极比(水平垂直极化)	0.03	0.03	0.01	0.07	0.00	0.03	0.02	0.01	0.04	0.10	0.09
T90度(H)Phi一面最差交极比(+/-45极化)	0.01	0.01	0.00	0.01	0.03	0.01	0.00	0.02	0.00	0.02	0.01
T90度(H)Phi一面最差交极比(水平垂直极化)	1.16	2.94	0.45	0.25	0.07	0.02	0.04	0.02	0.11	0.05	0.09

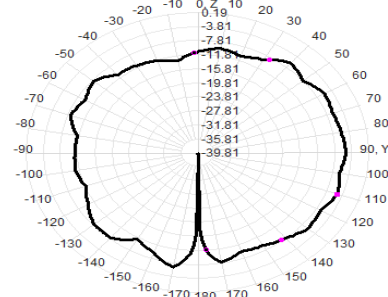




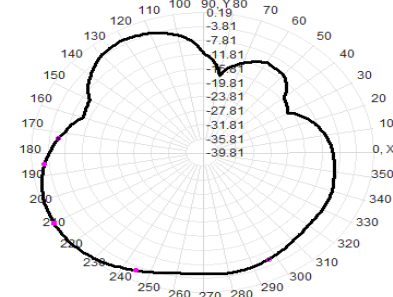
2400.0MHz Total(E1-XZ), Max= 0.14dBi



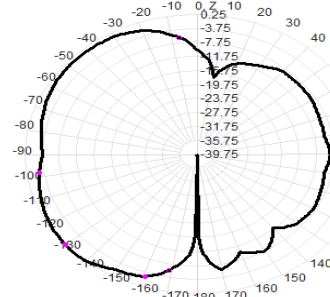
2400.0MHz Total(E2-YZ), Max= -5.36dBi



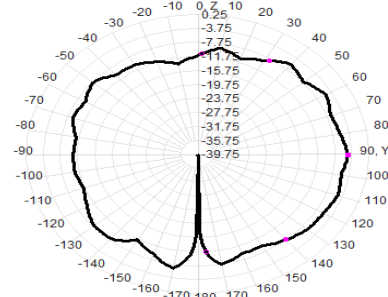
Total(H-XY), Max= 0.19dBi, CirD=17.85



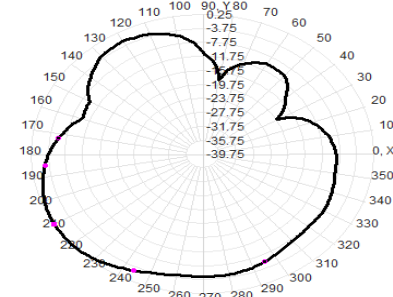
2410.0MHz Total(E1-XZ), Max= 0.25dBi



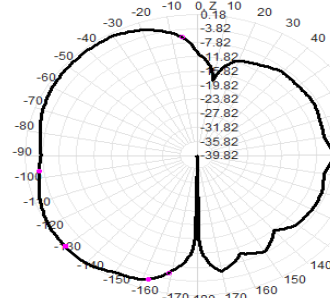
2410.0MHz Total(E2-YZ), Max= -4.91dBi



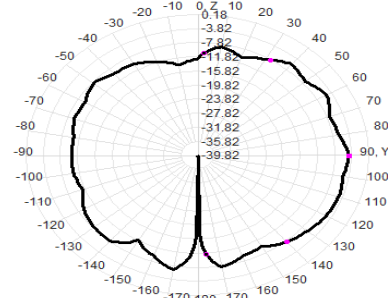
Total(H-XY), Max= 0.15dBi, CirD=20.08



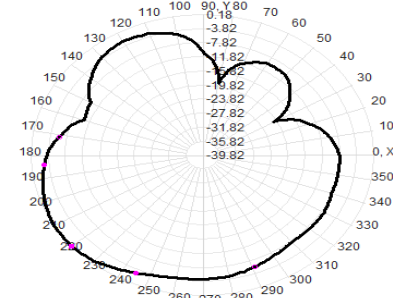
2420.0MHz Total(E1-XZ), Max= 0.18dBi



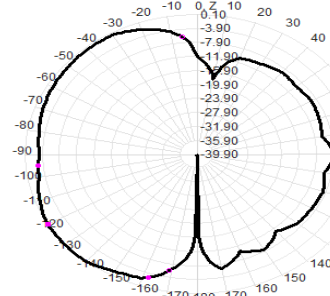
2420.0MHz Total(E2-YZ), Max= -4.74dBi



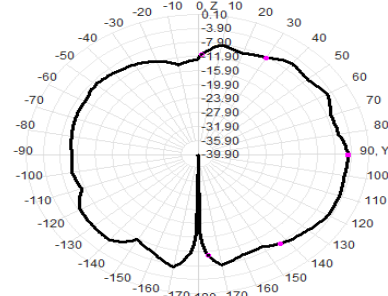
Total(H-XY), Max= 0.09dBi, CirD=21.00



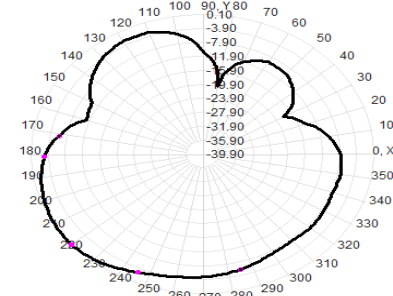
2430.0MHz Total(E1-XZ), Max= 0.10dBi



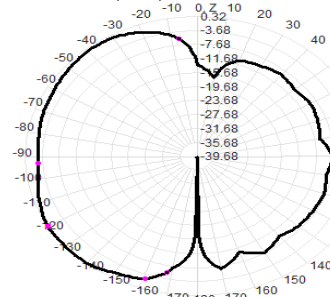
2430.0MHz Total(E2-YZ), Max= -4.91dBi



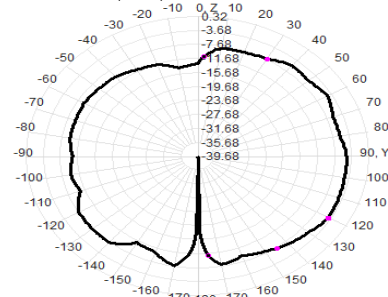
Total(H-XY), Max= 0.06dBi, CirD=20.24



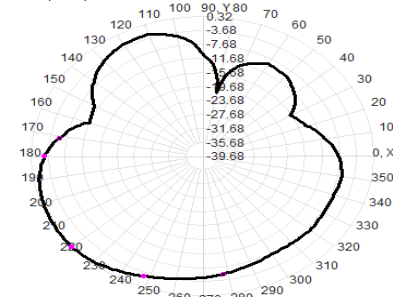
2440.0MHz Total(E1-XZ), Max= 0.32dBi



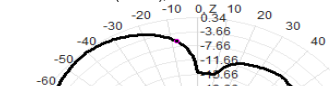
2440.0MHz Total(E2-YZ), Max= -4.61dBi



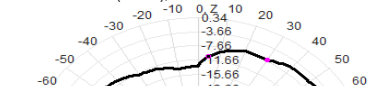
Total(H-XY), Max= 0.24dBi, CirD=21.59



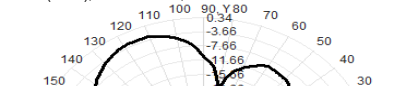
2450.0MHz Total(E1-XZ), Max= 0.33dBi

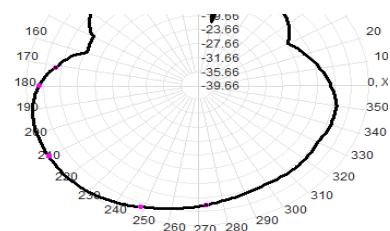
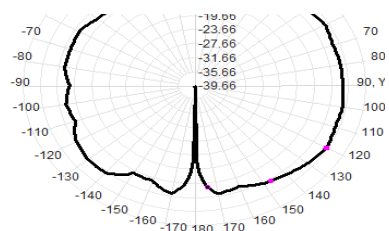
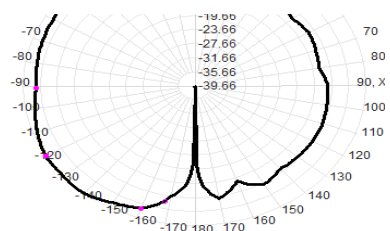


2450.0MHz Total(E2-YZ), Max= -4.38dBi



Total(H-XY), Max= 0.34dBi, CirD=21.57

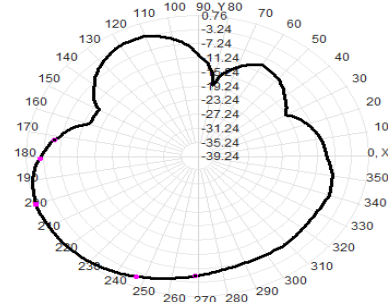
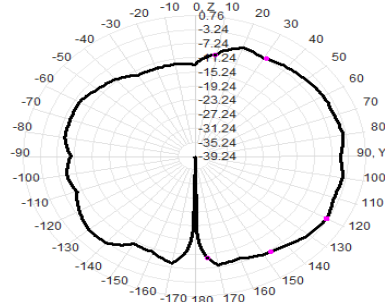
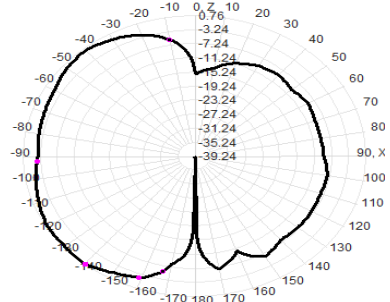




2460.0MHz Total(E1-XZ), Max= 0.53dBi

2460.0MHz Total(E2-YZ), Max= -3.90dBi

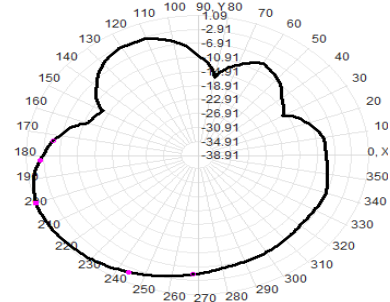
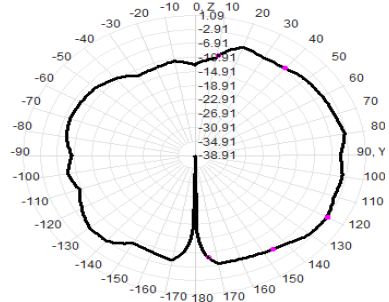
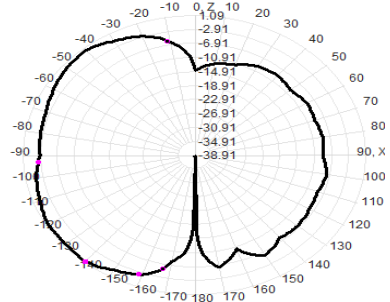
Total(H-XY), Max= 0.76dBi, CirD=19.64



2470.0MHz Total(E1-XZ), Max= 0.62dBi

2470.0MHz Total(E2-YZ), Max= -3.45dBi

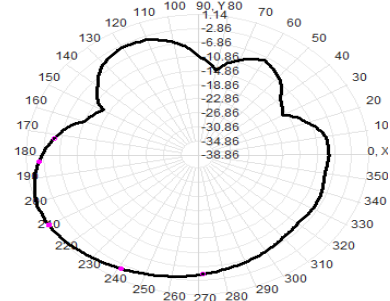
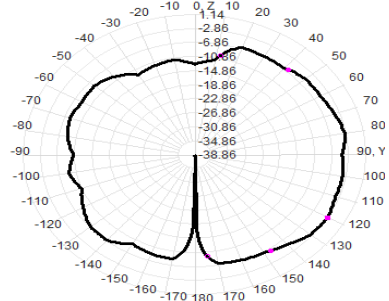
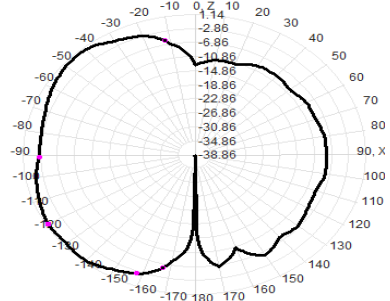
Total(H-XY), Max= 1.09dBi, CirD=17.40



2480.0MHz Total(E1-XZ), Max= 0.49dBi

2480.0MHz Total(E2-YZ), Max= -3.26dBi

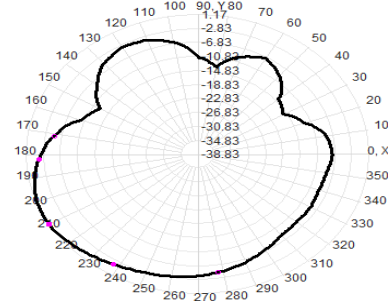
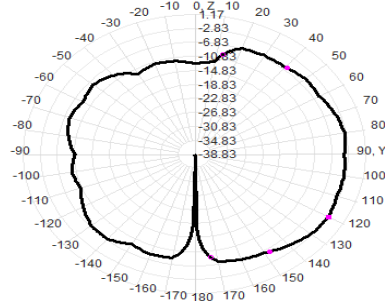
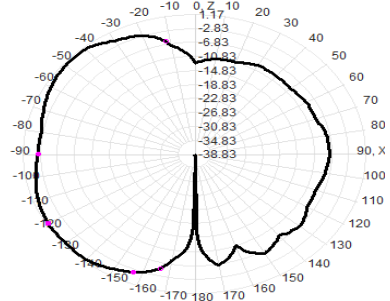
Total(H-XY), Max= 1.14dBi, CirD=17.41



2490.0MHz Total(E1-XZ), Max= 0.65dBi

2490.0MHz Total(E2-YZ), Max= -3.08dBi

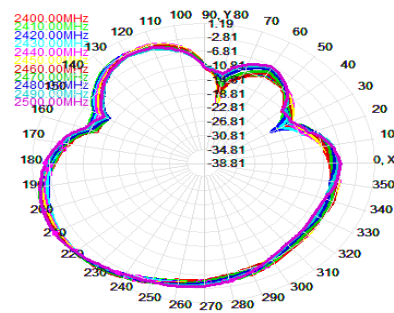
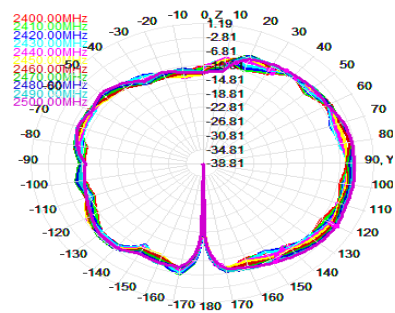
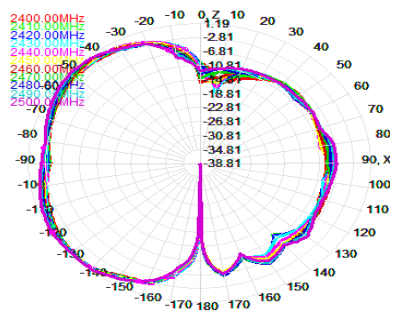
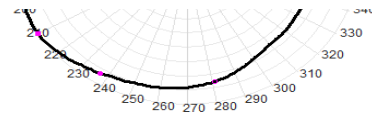
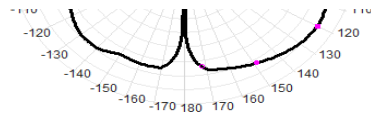
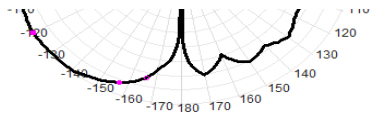
Total(H-XY), Max= 1.17dBi, CirD=17.14



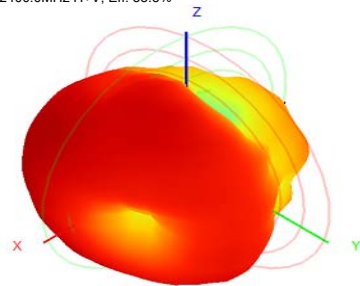
2500.0MHz Total(E1-XZ), Max= 0.75dBi

2500.0MHz Total(E2-YZ), Max= -2.97dBi

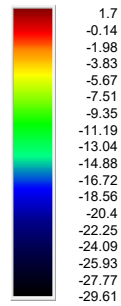
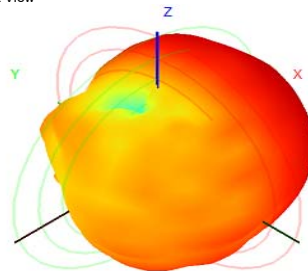
Total(H-XY), Max= 1.19dBi, CirD=16.41



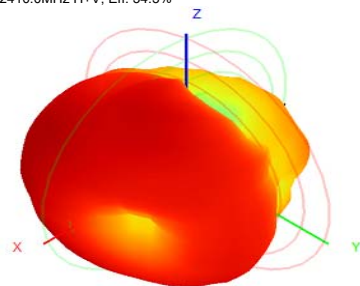
2400.0MHz H+V, Eff: 33.3%



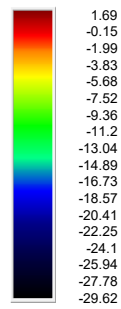
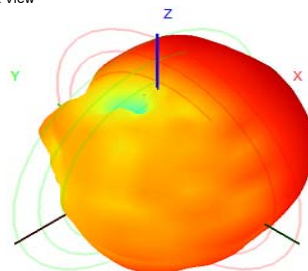
Back View



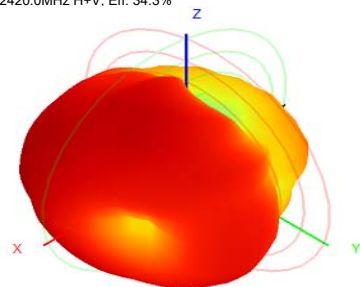
2410.0MHz H+V, Eff: 34.3%



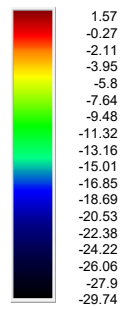
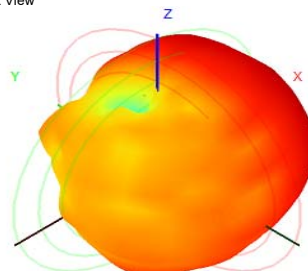
Back View



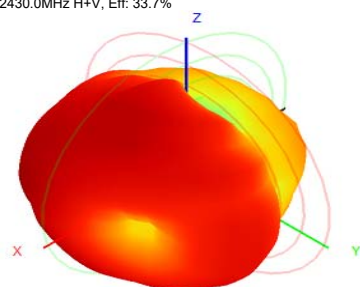
2420.0MHz H+V, Eff: 34.3%



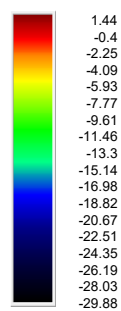
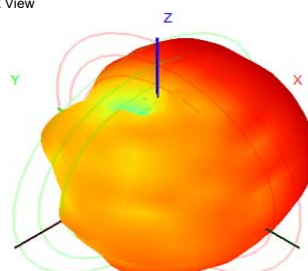
Back View



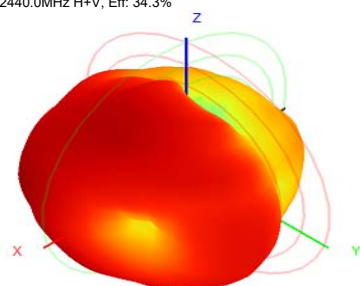
2430.0MHz H+V, Eff: 33.7%



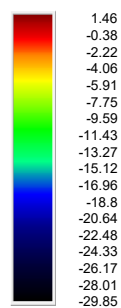
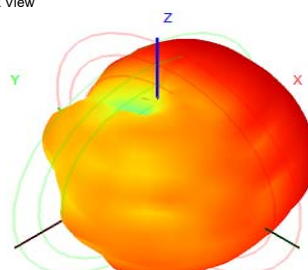
Back View



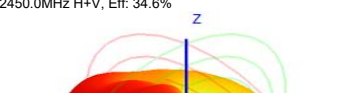
2440.0MHz H+V, Eff: 34.3%



Back View



2450.0MHz H+V, Eff: 34.6%



Back View

