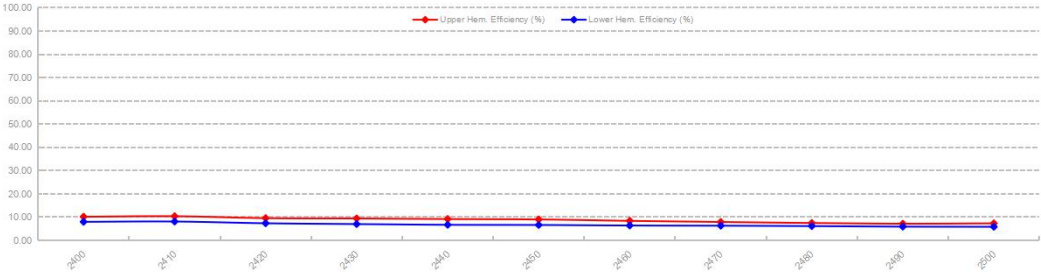
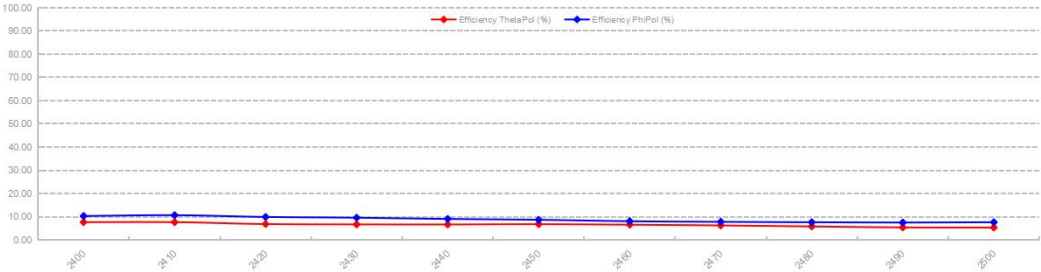
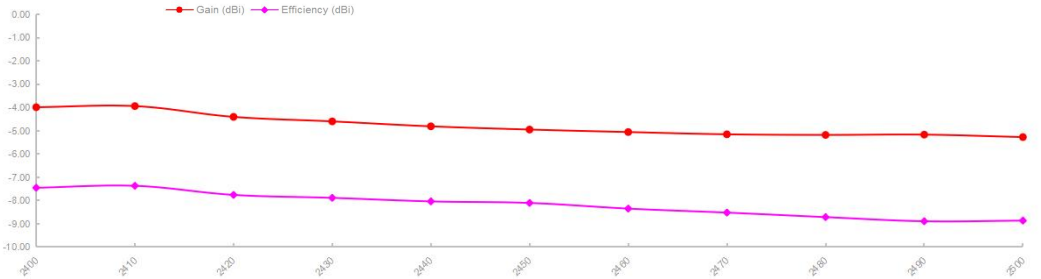
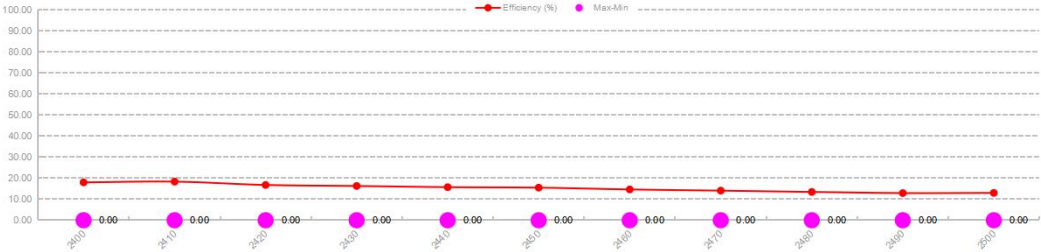
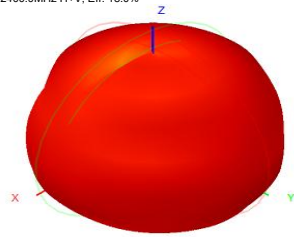


Shenzhen JLC Technology Group Co.,Ltd.
27th Floor, Olympic Building, No.2 Shangbao Road, Jinghua Community, Lianhua Street, Futian District, Shenzhen
Antenna type: PCB Antenna

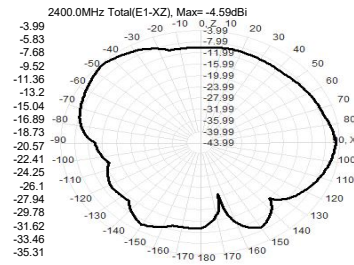
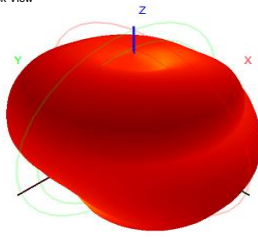
Frequency ID	48	49	50	51	52	53	54	55	56	57	58
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-7.45	-7.37	-7.76	-7.89	-8.04	-8.11	-8.35	-8.52	-8.71	-8.89	-8.87
Gain (dBi)	-3.99	-3.94	-4.41	-4.60	-4.81	-4.95	-5.06	-5.16	-5.18	-5.17	-5.28
Efficiency (%)	17.98	18.32	16.75	16.27	15.70	15.47	14.62	14.06	13.44	12.90	12.99
Directivity (dB)	3.46	3.43	3.35	3.29	3.23	3.15	3.29	3.37	3.53	3.72	3.59
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)	90.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00
Efficiency ThetaPol (%)	7.67	7.66	6.84	6.69	6.65	6.78	6.56	6.26	5.81	5.40	5.35
Efficiency PhiPol (%)	10.31	10.66	9.91	9.57	9.05	8.68	8.06	7.80	7.63	7.50	7.64
Upper Hem. Efficiency (%)	10.06	10.30	9.47	9.24	9.09	8.93	8.31	7.83	7.39	7.08	7.23
Lower Hem. Efficiency (%)	7.90	8.02	7.28	6.93	6.61	6.54	6.31	6.22	6.06	5.82	5.75
T90(H)角度	9.49	9.80	9.79	9.64	9.10	8.25	7.84	7.31	7.35	7.47	7.64
Gain 15deg (dBi)											
E1(XZ)波瓣宽度	48.00	48.00	46.00	47.00	48.00	50.00	51.00	44.00	88.00	92.00	94.00
E1(XZ)轴后比	4.65	4.53	4.63	4.55	4.62	4.61	4.45	4.20	3.87	3.87	3.86
E2(YZ)波瓣宽度	94.00	97.00	95.00	100.00	99.00	101.00	99.00	97.00	94.00	92.00	95.00
E2(YZ)轴后比	3.94	3.92	3.98	3.81	3.76	3.41	3.26	3.19	3.43	3.72	3.72
最大增益轴后比(P)	13.03	14.73	15.51	15.96	17.18	15.75	15.81	15.00	14.34	13.98	13.77
顶点(Theta=0)处轴比(P)	17.44	16.80	16.96	17.58	17.79	18.67	19.37	19.50	21.34	24.75	28.70
俯角10度增益(大)轴比(P)	64.19	61.74	79.14	58.55	69.15	63.92	58.51	55.14	61.88	68.05	61.87
Hc(XY)波瓣宽度	273.00	274.00	276.00	276.00	281.00	284.00	285.00	289.00	289.00	290.00	291.00
Hc(XY)轴后比	0.96	0.81	0.64	0.69	0.69	0.66	0.75	0.60	0.54	0.57	0.45
左旋圆极化效率(%)	8.78	8.90	8.14	7.91	7.64	7.48	7.06	6.75	6.41	6.05	6.06
右旋圆极化效率(%)	9.20	9.42	8.61	8.35	8.06	7.98	7.57	7.31	7.03	6.85	6.93



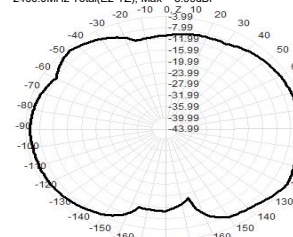
2400.0MHz H+V, Eff: 18.0%



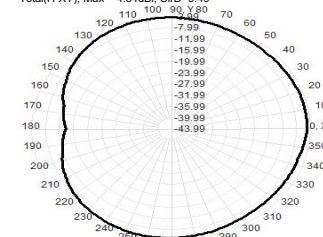
Back View



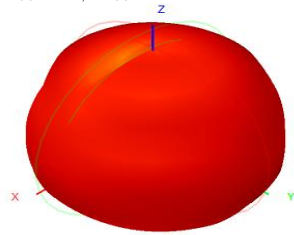
2400.0MHz Total(E2-YZ), Max=-3.99dBi



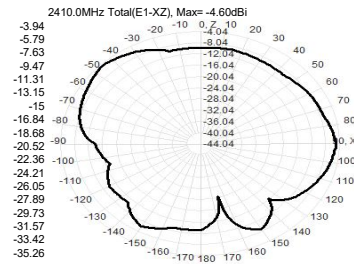
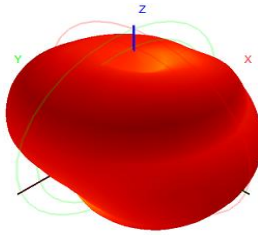
Total(H-XY), Max=-4.34dBi, CirD=9.49



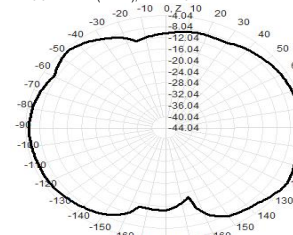
2410.0MHz H+V, Eff: 18.3%



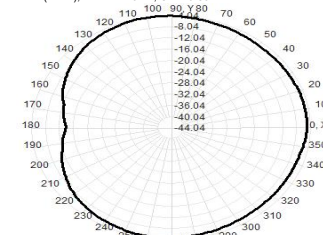
Back View



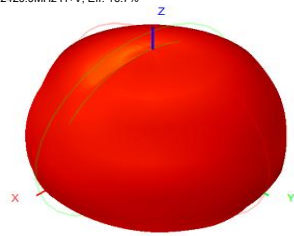
2410.0MHz Total(E2-YZ), Max=-4.04dBi



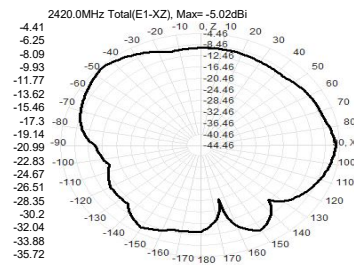
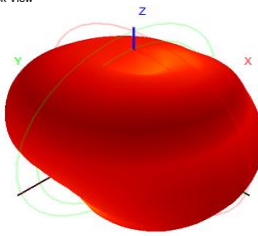
Total(H-XY), Max=-4.20dBi, CirD=9.80



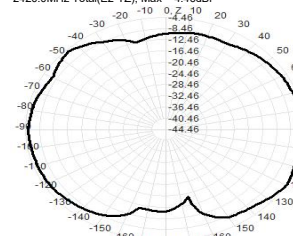
2420.0MHz H+V, Eff: 16.7%



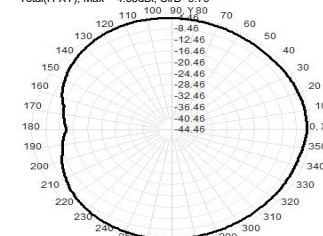
Back View



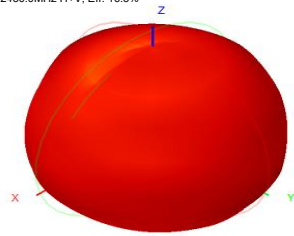
2420.0MHz Total(E2-YZ), Max=-4.46dBi



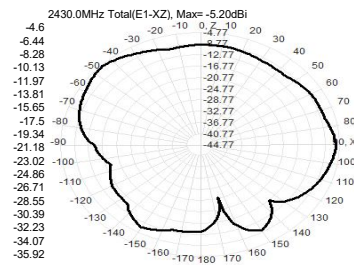
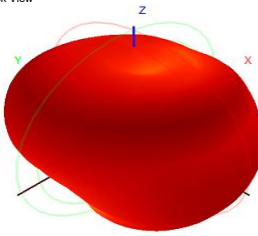
Total(H-XY), Max=-4.68dBi, CirD=9.79



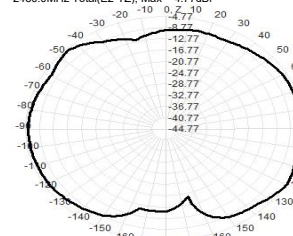
2430.0MHz H+V, Eff: 16.3%



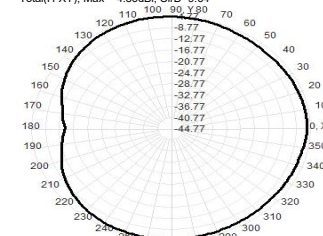
Back View



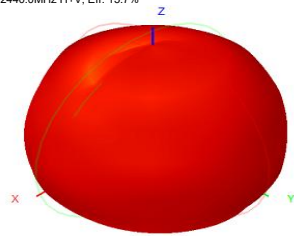
2430.0MHz Total(E2-YZ), Max=-4.77dBi



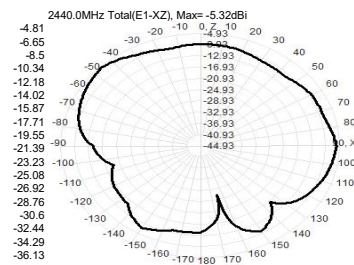
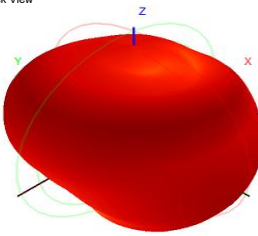
Total(H-XY), Max=-4.86dBi, CirD=9.64



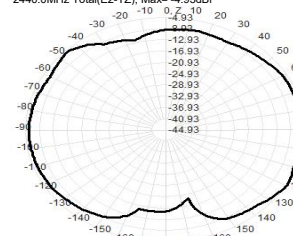
2440.0MHz H+V, Eff: 15.7%



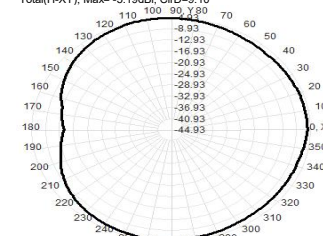
Back View



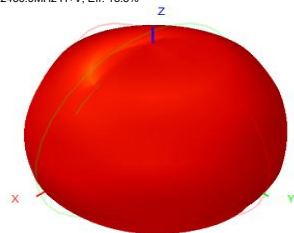
2440.0MHz Total(E2-YZ), Max=-4.93dBi



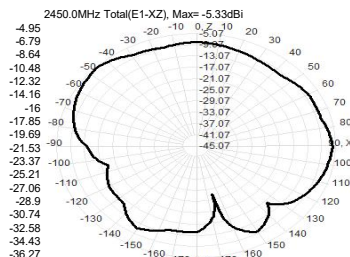
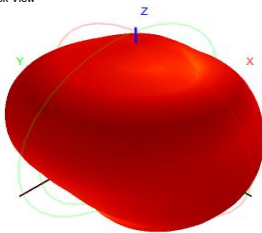
Total(H-XY), Max=-5.19dBi, CirD=9.10



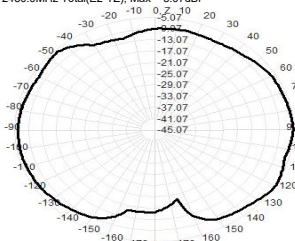
2450.0MHz H+V, Eff: 15.5%



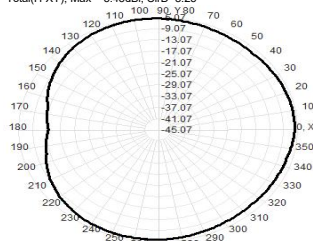
Back View



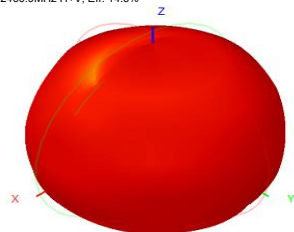
2450.0MHz Total(E2-YZ), Max=-5.07dBi



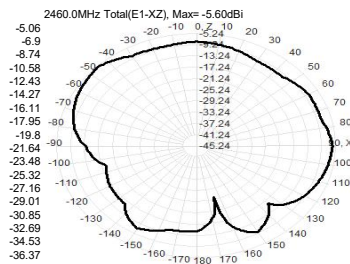
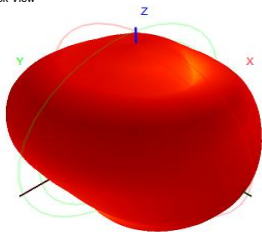
Total(H-XY), Max=-5.43dBi, CirD=8.25



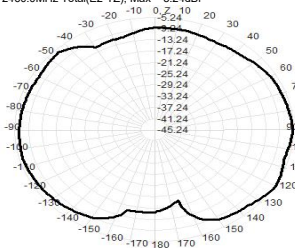
2460.0MHz H+V, Eff: 14.6%



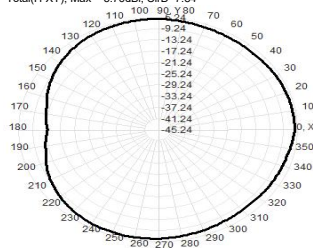
Back View



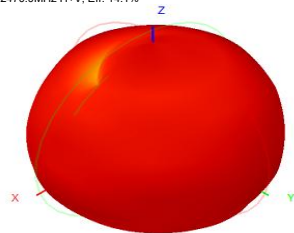
2460.0MHz Total(E2-YZ), Max=-5.24dBi



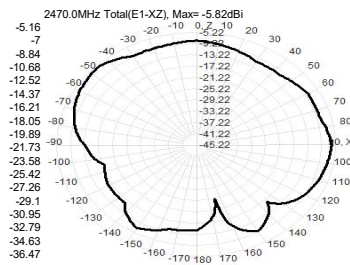
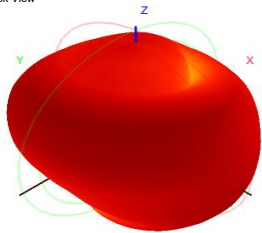
Total(H-XY), Max=-5.76dBi, CirD=7.84



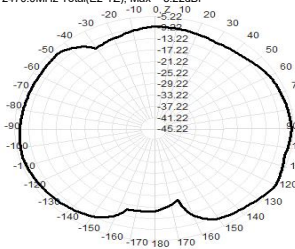
2470.0MHz H+V, Eff: 14.1%



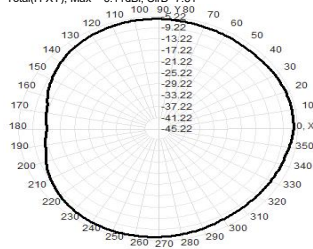
Back View



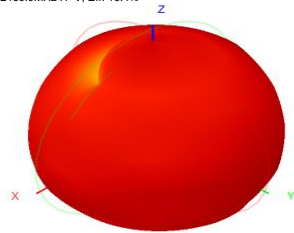
2470.0MHz Total(E2-YZ), Max=-5.22dBi



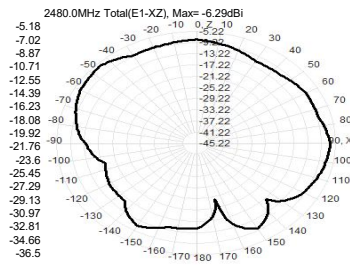
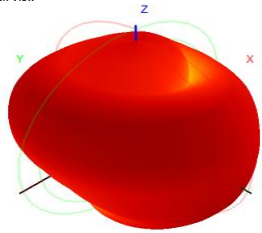
Total(H-XY), Max=-6.11dBi, CirD=7.31



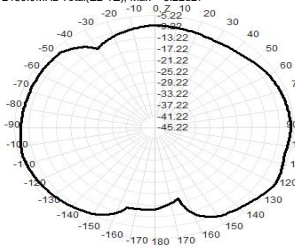
2480.0MHz H+V, Eff: 13.4%



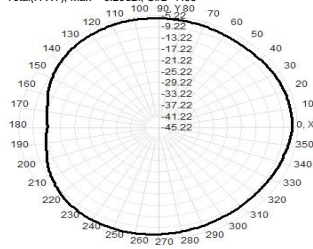
Back View



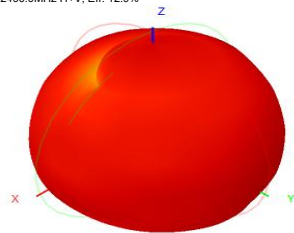
2480.0MHz Total(E2-YZ), Max=-5.22dBi



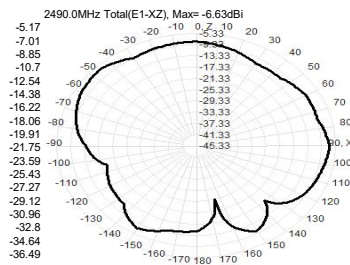
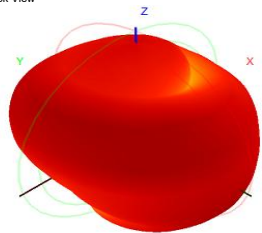
Total(H-XY), Max=-6.26dBi, CirD=7.35



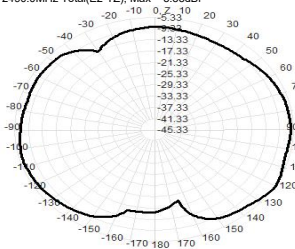
2490.0MHz H+V, Eff: 12.9%



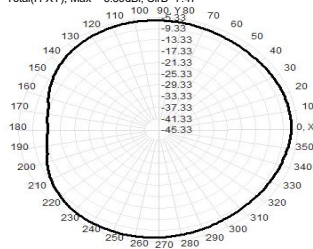
Back View



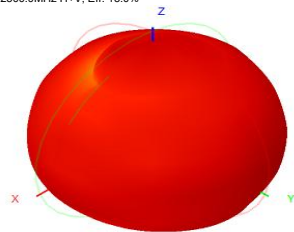
2490.0MHz Total(E2-YZ), Max=-5.33dBi



Total(H-XY), Max=-6.39dBi, CirD=7.47



2500.0MHz H+V, Eff: 13.0%



Back View

