



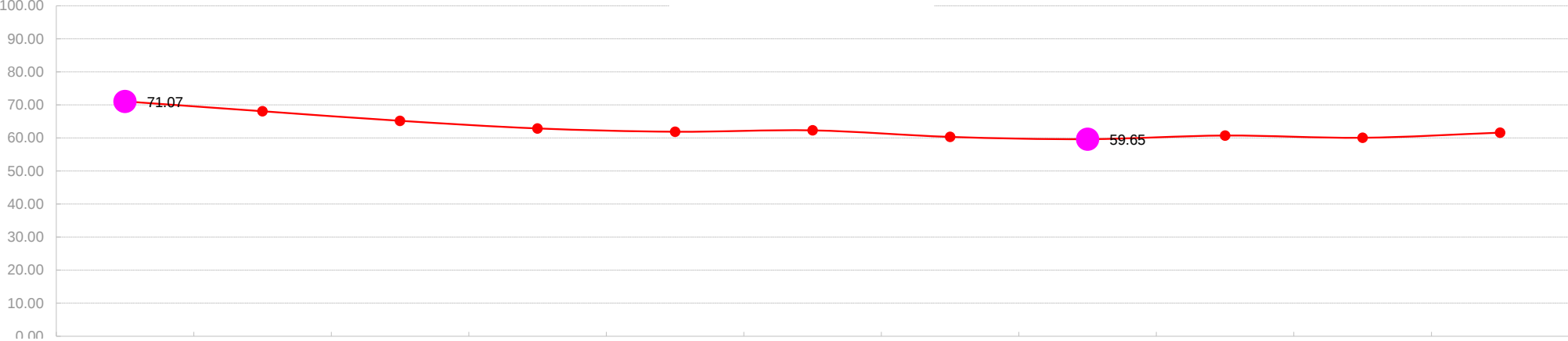
Shenzhen Atli Technology Co., Ltd
5F, Aozhihao Integrated Building, Xinzhou 4th Street, Futian
District, Shenzhen, China

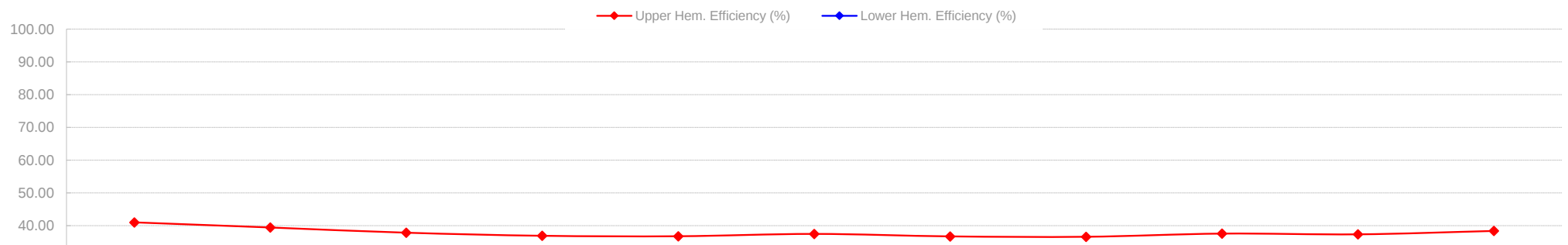
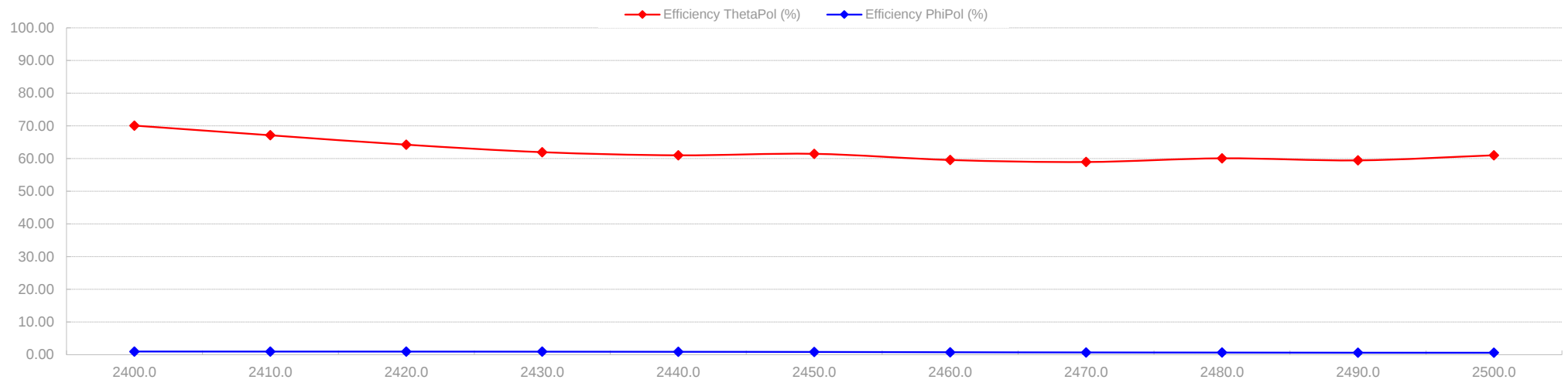
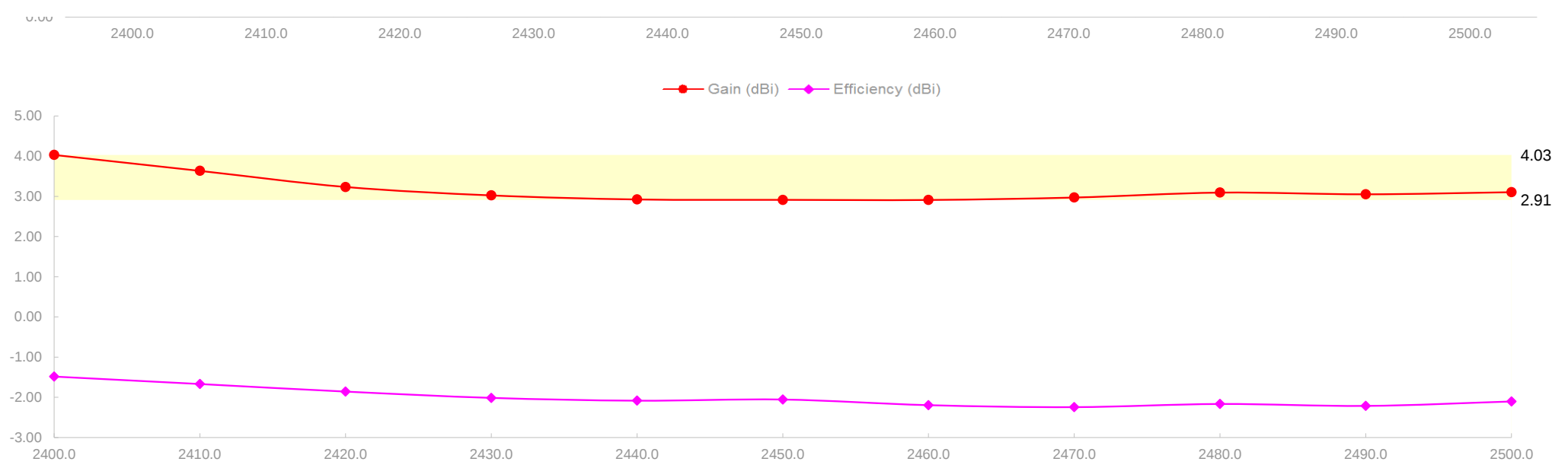
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-1.48	-1.67	-1.86	-2.01	-2.08	-2.05	-2.19	-2.24	-2.16	-2.21	-2.10
Gain (dBi)	4.03	3.63	3.23	3.02	2.92	2.91	2.91	2.97	3.09	3.05	3.10
Efficiency (%)	71.07	68.10	65.21	62.90	61.90	62.31	60.33	59.65	60.74	60.07	61.62
Directivity (dB)	5.51	5.30	5.09	5.04	5.01	4.97	5.11	5.22	5.26	5.26	5.21
Peak Gain Position (Theta)	91.00	91.00	91.00	74.00	74.00	91.00	91.00	91.00	91.00	91.00	91.00
Peak Gain Position (Phi)	77.00	78.00	79.00	1.00	2.00	82.00	80.00	83.00	124.00	123.00	123.00
Efficiency ThetaPol (%)	70.09	67.13	64.25	61.96	61.00	61.46	59.57	58.95	60.08	59.45	61.01
Efficiency PhiPol (%)	0.98	0.97	0.96	0.94	0.90	0.85	0.76	0.70	0.66	0.62	0.60
Upper Hem. Efficiency (%)	41.00	39.43	37.84	36.90	36.76	37.47	36.71	36.60	37.57	37.34	38.37
Lower Hem. Efficiency (%)	30.08	28.67	27.37	26.00	25.14	24.84	23.62	23.05	23.18	22.73	23.24

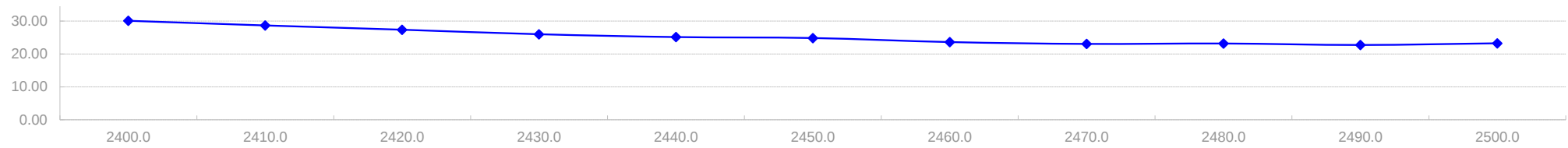
T90(H)圆度	1.36	1.28	1.32	1.44	1.69	1.84	1.85	1.74	1.56	1.38	1.20
Gain 15deg (dBi)											
E1(XZ)波瓣宽度	15.00	14.00	14.00	14.00	14.00	15.00	16.00	16.00	15.00	15.00	14.00
E1(XZ)前后比	6.58	6.81	7.00	7.16	7.12	6.94	6.74	6.64	6.70	6.87	7.07
E2(YZ)波瓣宽度	14.00	14.00	13.00	14.00	14.00	14.00	14.00	14.00	13.00	13.00	14.00
E2(YZ)前后比	7.42	7.03	6.72	6.55	6.64	6.96	7.08	7.18	7.31	7.44	7.49
最大增益处轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
仰角10度最差(大)轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Hc(XY)波瓣宽度	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00
Hc(XY)前后比	0.95	0.93	1.01	1.23	1.55	1.68	1.65	1.48	1.26	1.06	0.88

Empty											

Efficiency (%) Max-Min





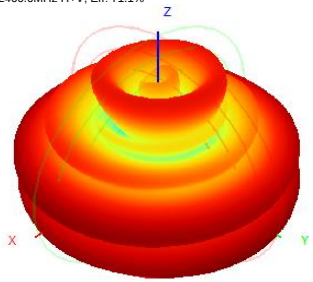


Antenna pattern:

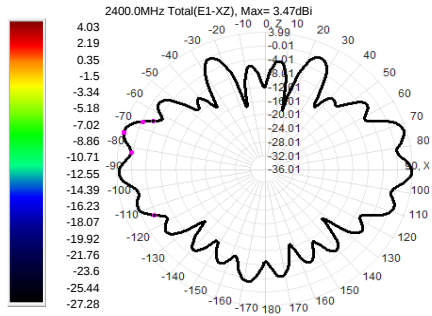
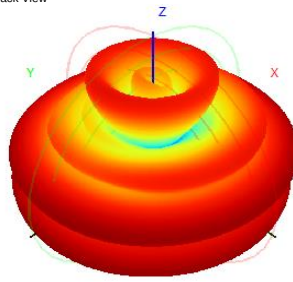
- 频段: 2400-2500mhz
- 总长: 19.5cm
- 折叠长: 17cm



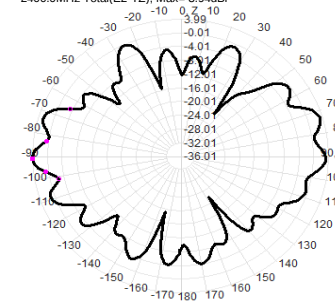
2400.0MHz H+V, Eff: 71.1%



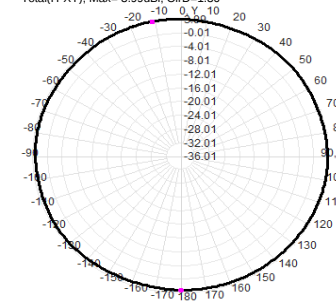
Back View



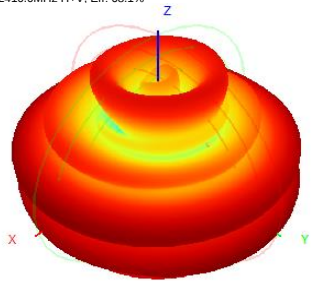
2400.0MHz Total(E2-YZ), Max= 3.94dBi



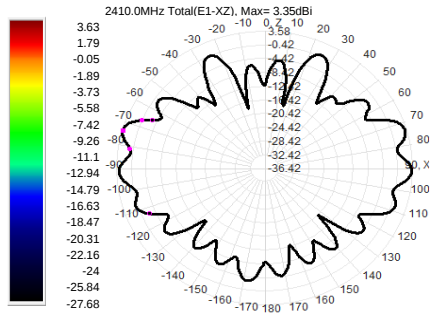
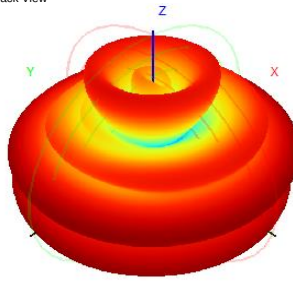
Total(H-XY), Max= 3.99dBi, CirD=1.36



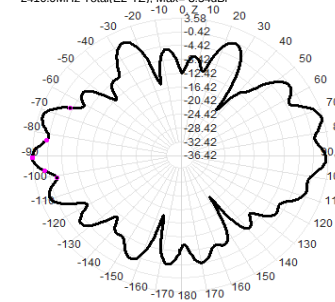
2410.0MHz H+V, Eff: 68.1%



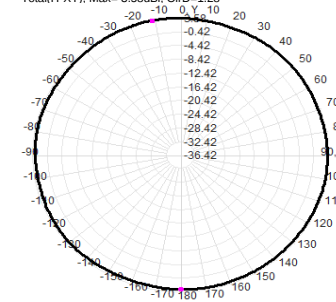
Back View



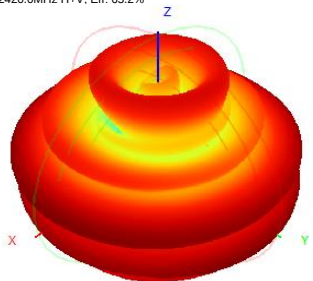
2410.0MHz Total(E2-YZ), Max= 3.54dBi



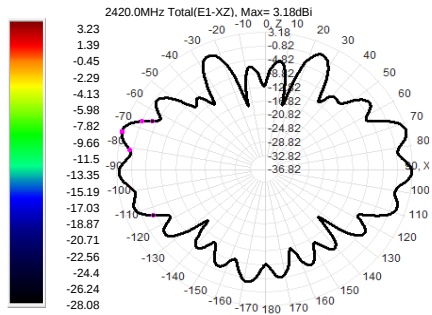
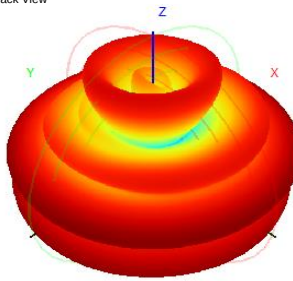
Total(H-XY), Max= 3.58dBi, CirD=1.28



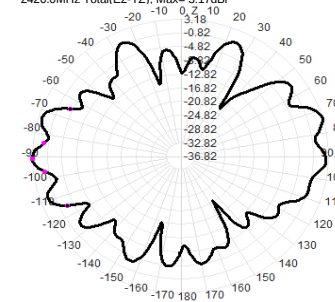
2420.0MHz H+V, Eff: 65.2%



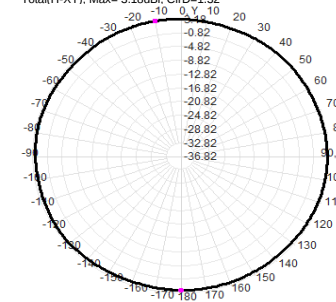
Back View



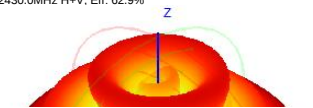
2420.0MHz Total(E2-YZ), Max= 3.17dBi



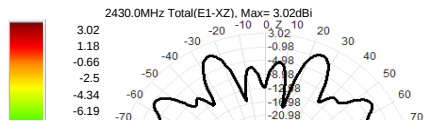
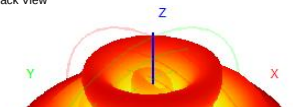
Total(H-XY), Max= 3.18dBi, CirD=1.32



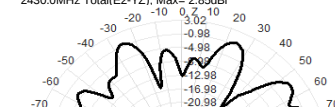
2430.0MHz H+V, Eff: 62.9%



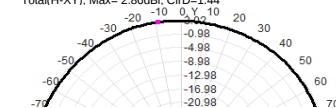
Back View

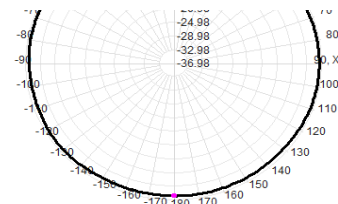
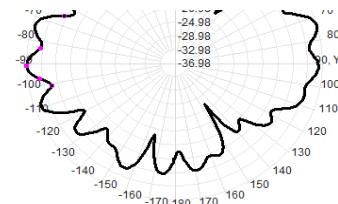
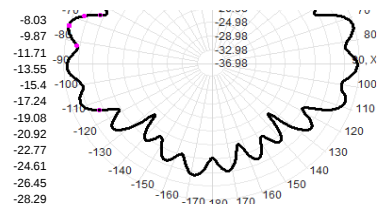
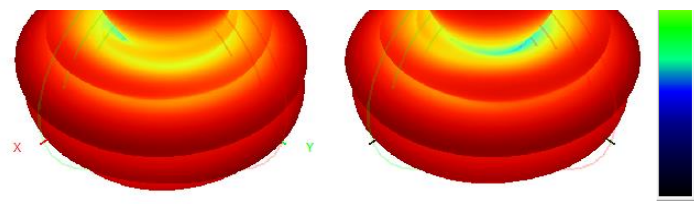


2430.0MHz Total(E2-YZ), Max= 2.85dBi



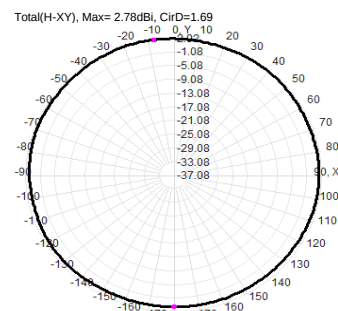
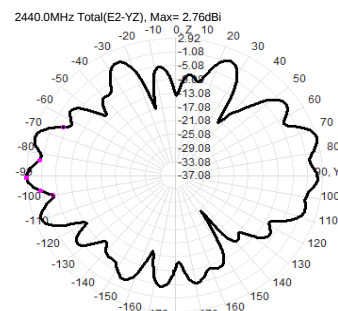
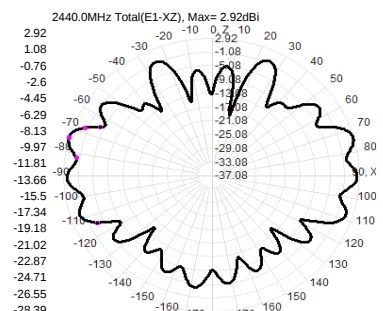
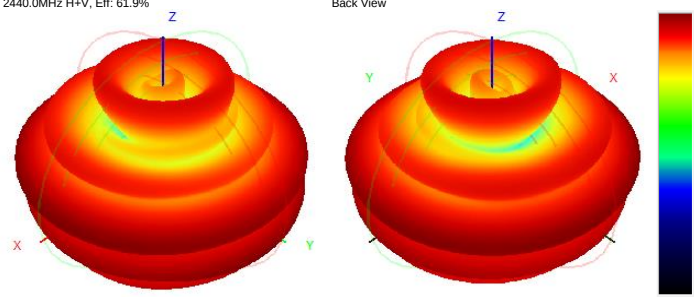
Total(H-XY), Max= 2.86dBi, CirD=1.44





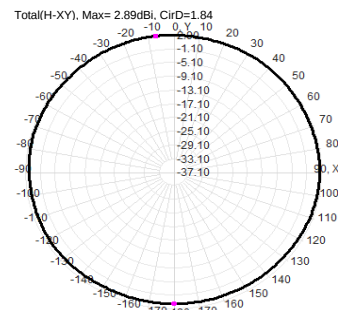
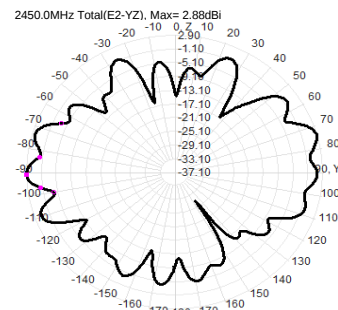
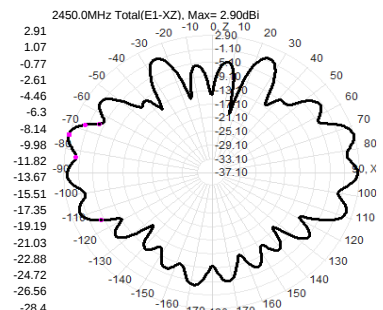
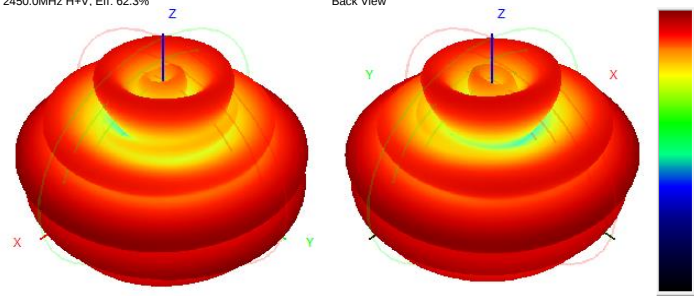
2440.0MHz H+V, Eff: 61.9%

Back View



2450.0MHz H+V, Eff: 62.3%

Back View



2460.0MHz H+V, Eff: 60.3%

Back View

