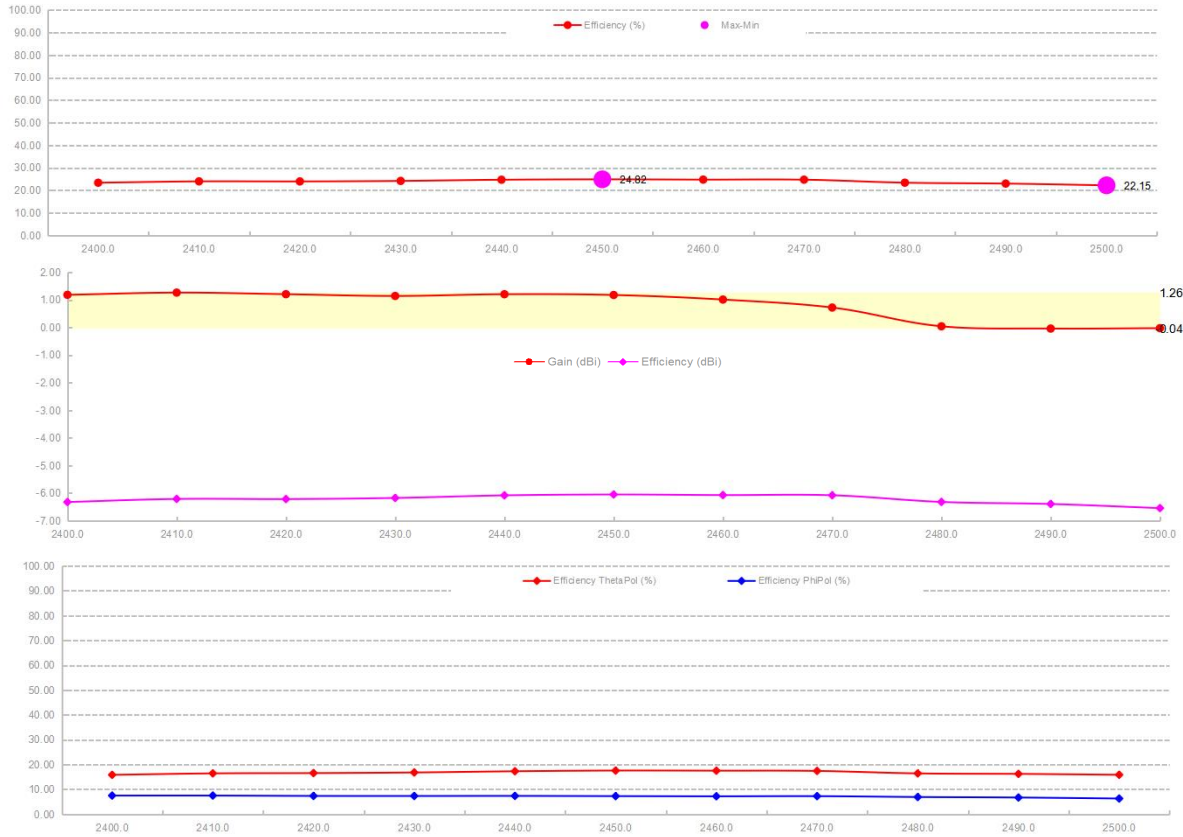
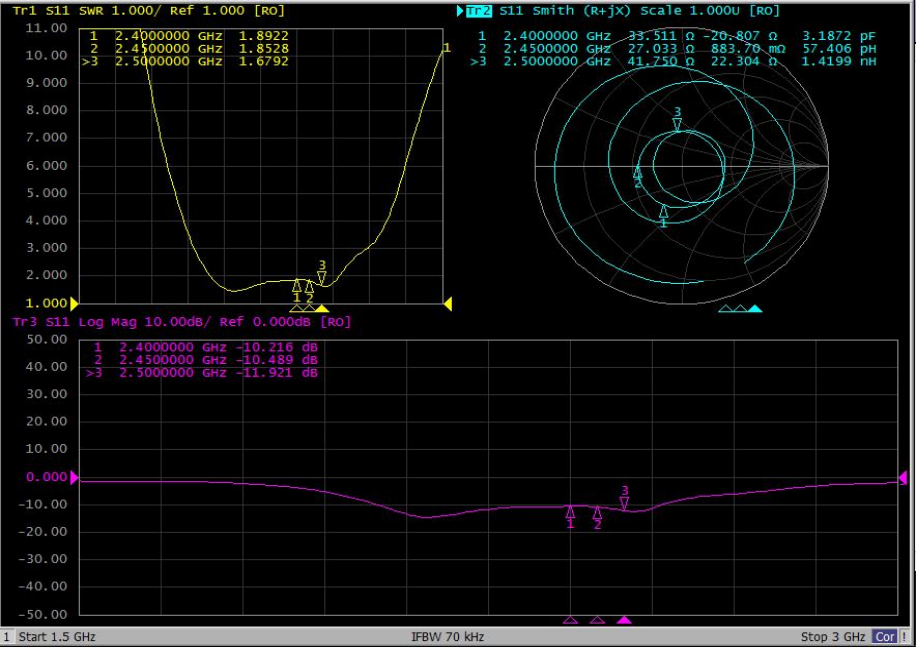
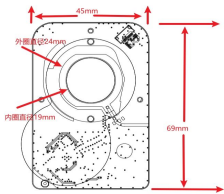
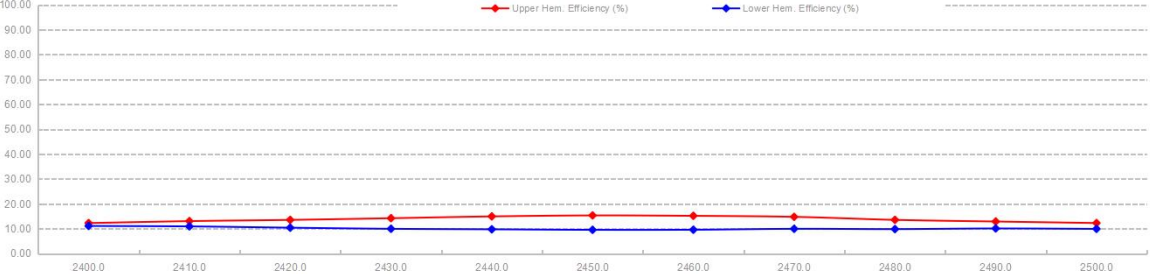


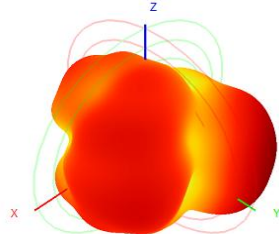
TEST REPORT											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-6.32	-6.21	-6.22	-6.18	-6.08	-6.05	-6.07	-6.08	-6.32	-6.40	-6.55
Gain (dBi)	1.18	1.26	1.21	1.14	1.21	1.18	1.01	0.72	0.04	-0.04	-0.02
Efficiency (%)	23.31	23.91	23.89	24.11	24.64	24.82	24.70	24.66	23.33	22.93	22.15
Directivity (dB)	7.51	7.48	7.43	7.32	7.29	7.23	7.09	6.80	6.37	6.36	6.52
Peak Gain Position (Theta)	100.00	98.00	96.00	93.00	90.00	90.00	91.00	92.00	92.00	78.00	78.00
Peak Gain Position (Phi)	113.00	114.00	116.00	117.00	118.00	120.00	122.00	123.00	122.00	117.00	118.00
Efficiency ThetaPol (%)	15.83	16.43	16.54	16.79	17.28	17.55	17.50	17.41	16.42	16.22	15.86
Efficiency PhiPol (%)	7.48	7.48	7.34	7.32	7.36	7.27	7.19	7.25	6.91	6.70	6.29
Upper Hem. Efficiency (%)	12.24	13.02	13.51	14.18	14.91	15.31	15.15	14.74	13.52	12.86	12.25
Lower Hem. Efficiency (%)	11.07	10.89	10.37	9.93	9.73	9.51	9.55	9.92	9.81	10.07	9.90
T90(H)圆度	22.81	23.38	23.39	22.85	22.11	20.65	18.14	15.31	13.14	13.34	13.59
Gain 15deg (dBi)											
E1(XZ)波瓣宽度	171.00	169.00	22.00	22.00	22.00	23.00	22.00	23.00	22.00	22.00	26.00
E1(XZ)前后比	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E2(YZ)波瓣宽度	51.00	50.00	53.00	105.00	105.00	103.00	100.00	99.00	100.00	101.00	127.00
E2(YZ)前后比	4.34	3.96	3.11	2.04	1.09	0.82	1.22	1.71	2.06	2.01	1.98
最大增益处轴比(P)	21.96	31.33	34.84	24.05	19.56	17.99	18.06	19.41	22.99	50.94	33.50
顶点(Theta=0)处轴比(P)	13.17	14.20	16.14	18.22	20.86	25.81	39.40	34.05	30.45	57.96	19.35
仰角10度最差(大)轴比(P)	51.85	60.38	55.72	47.74	48.02	51.27	53.84	61.29	58.32	57.39	55.68
Hc(XY)波瓣宽度	51.00	51.00	49.00	48.00	47.00	47.00	48.00	51.00	53.00	53.00	50.00
Hc(XY)前后比	5.99	6.49	7.21	7.73	8.10	8.67	9.04	8.75	8.06	7.69	7.73
左旋圆极化效率(%)	11.95	12.66	12.80	12.82	12.74	12.24	11.43	10.58	9.28	8.55	7.88
右旋圆极化效率(%)	11.36	11.26	11.09	11.30	11.90	12.58	13.27	14.08	14.05	14.38	14.27
最大增益处交极比(+/-45极化)	0.00	0.56	1.14	1.67	2.28	3.45	4.92	6.51	8.01	5.59	5.94
最大增益处交极比(水平垂直极化)	21.96	27.50	23.38	18.78	15.39	12.45	10.12	8.32	7.08	10.13	9.63
T60度Phi一圆量差交极比(+/-45极化)	0.02	0.02	0.02	0.00	0.00	0.01	0.00	0.10	0.05	0.07	0.01
T60度Phi一圆量差交极比(水平垂直极化)	0.07	0.03	0.01	0.01	0.00	0.01	0.07	0.04	0.00	0.03	0.00
T90度(H)Phi一圆量差交极比(+/-45极化)	0.02	0.00	0.02	0.04	0.01	0.00	0.02	0.00	0.01	0.00	0.00
T90度(H)Phi一圆量差交极比(水平垂直极化)	0.02	0.03	0.01	0.01	0.01	0.14	0.03	0.17	0.13	0.06	0.04
轴对称天线线下倾角参数:											
主瓣下倾角度 (平均值)	13.96	14.66	16.47	19.25	24.77	27.38	24.51	22.85	4.65	1.94	-7.73
Empty											

ANT photo

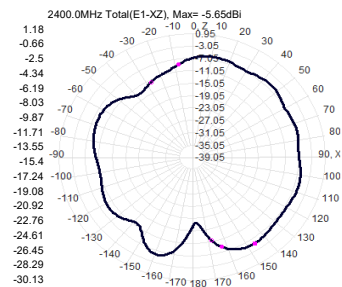
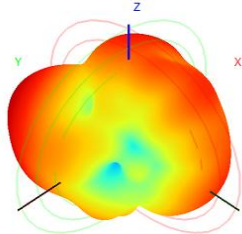




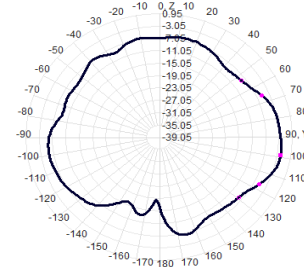
2400.0MHz H+V, Eff: 23.3%



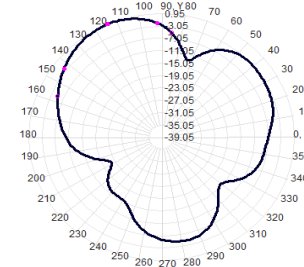
Back View



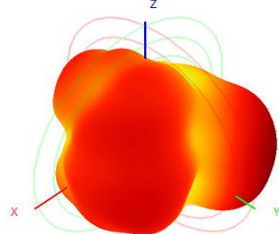
2400.0MHz Total(E2-YZ), Max=-2.37dBi



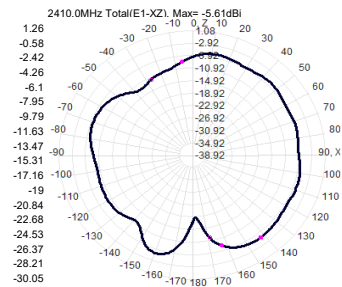
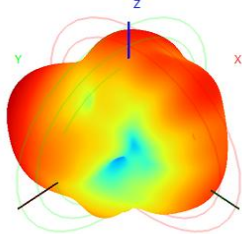
Total(H-XY), Max= 0.95dBi, CirD=22.81



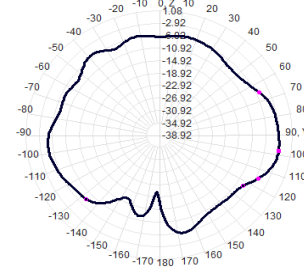
2410.0MHz H+V, Eff: 23.9%



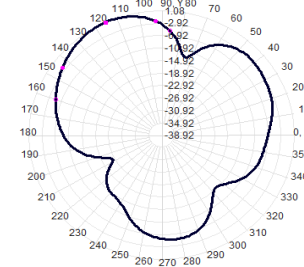
Back View



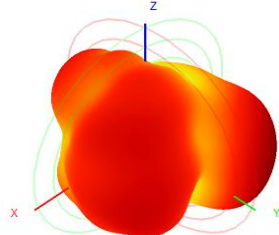
2410.0MHz Total(E2-YZ), Max=-2.94dBi



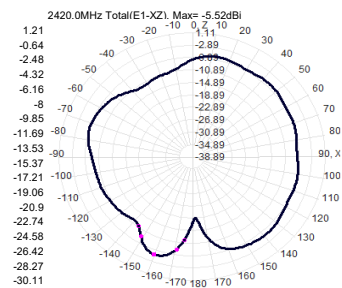
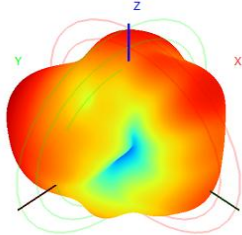
Total(H-XY), Max= 1.08dBi, CirD=23.38



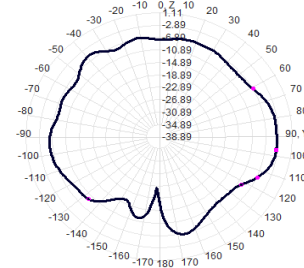
2420.0MHz H+V, Eff: 23.9%



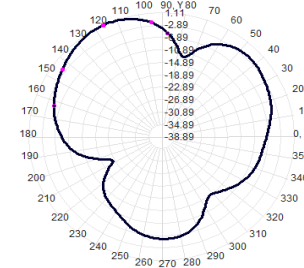
Back View



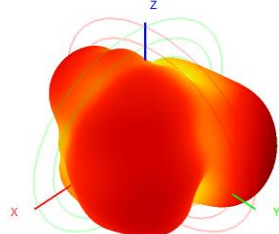
2420.0MHz Total(E2-YZ), Max=-3.71dBi



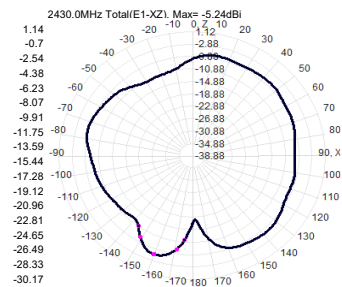
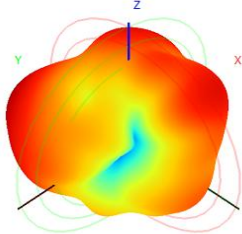
Total(H-XY), Max= 1.11dBi, CirD=23.39



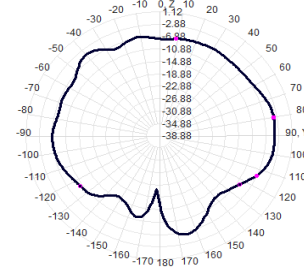
2430.0MHz H+V, Eff: 24.1%



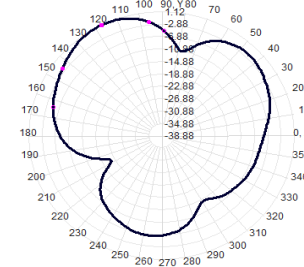
Back View



2430.0MHz Total(E2-YZ), Max=-4.21dBi



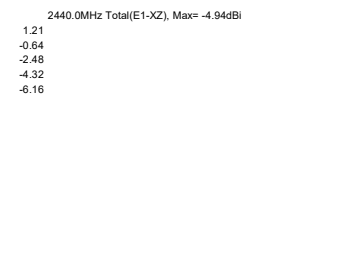
Total(H-XY), Max= 1.12dBi, CirD=22.85



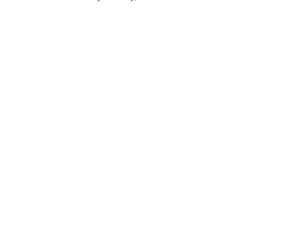
2440.0MHz H+V, Eff: 24.6%



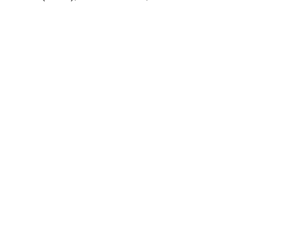
Back View

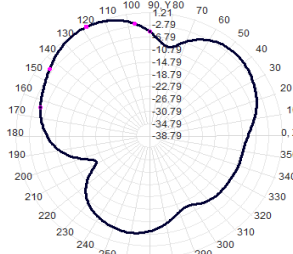
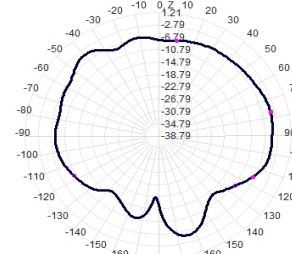
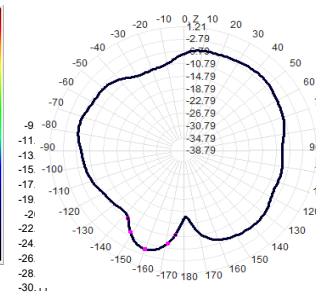
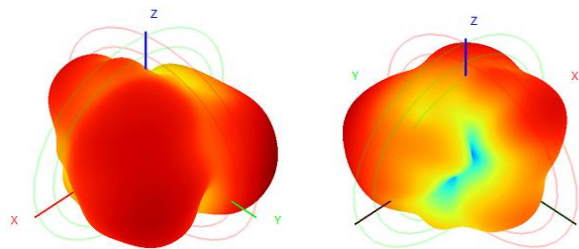


2440.0MHz Total(E2-YZ), Max=-4.39dBi



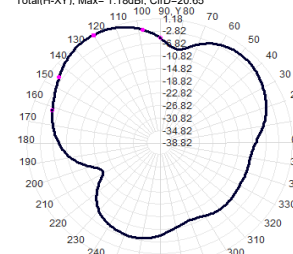
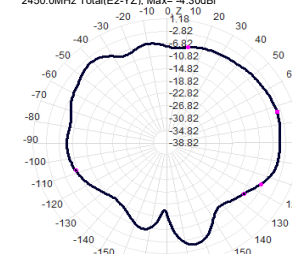
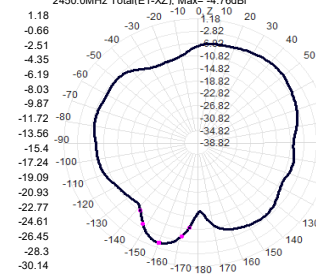
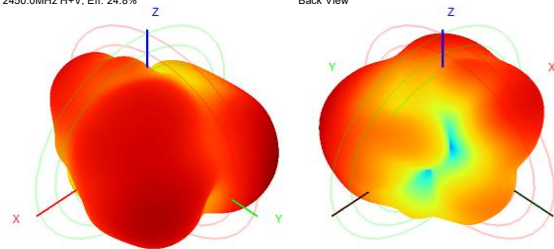
Total(H-XY), Max= 1.21dBi, CirD=22.11





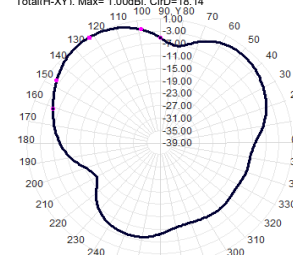
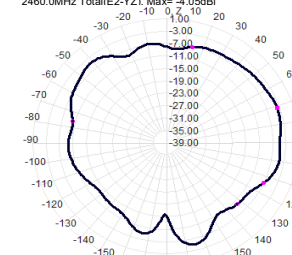
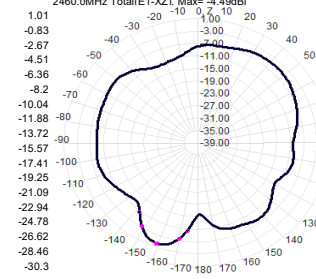
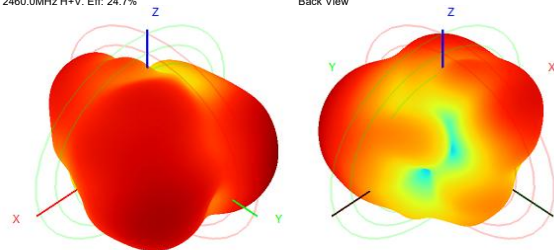
2450.0MHz H+V, Eff: 24.8%

Back View



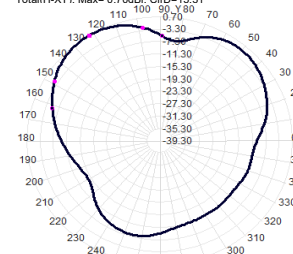
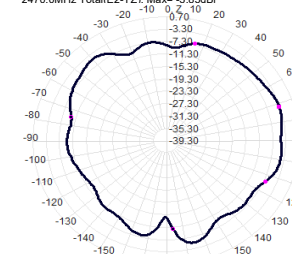
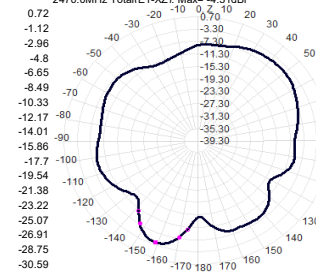
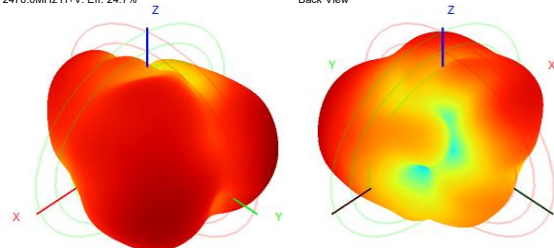
2460.0MHz H+V, Eff: 24.7%

Back View



2470.0MHz H+V, Eff: 24.7%

Back View



2480.0MHz H+V, Eff: 23.3%

Back View

2480.0MHz Total(E1-XZ), Max=-4.61dBi

2480.0MHz Total(E2-YZ), Max=-4.03dBi

2480.0MHz Total(H-XY), Max=0.04dBi, CirD=13.14

