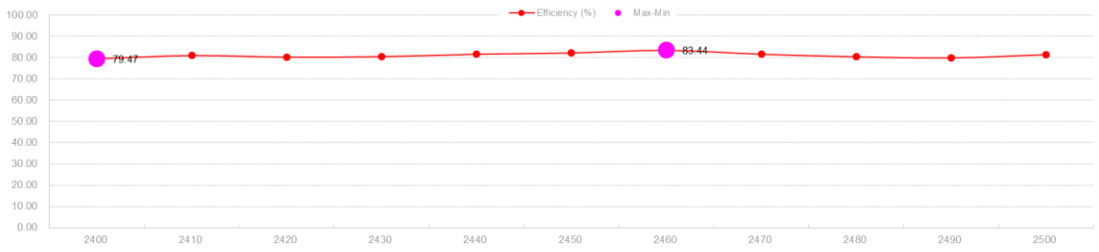
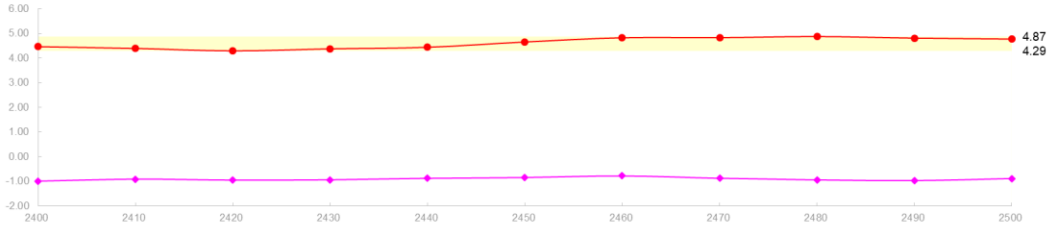
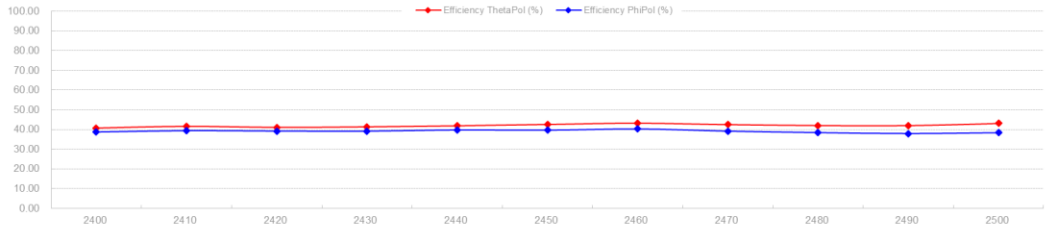
深圳爱特立科技有限公司

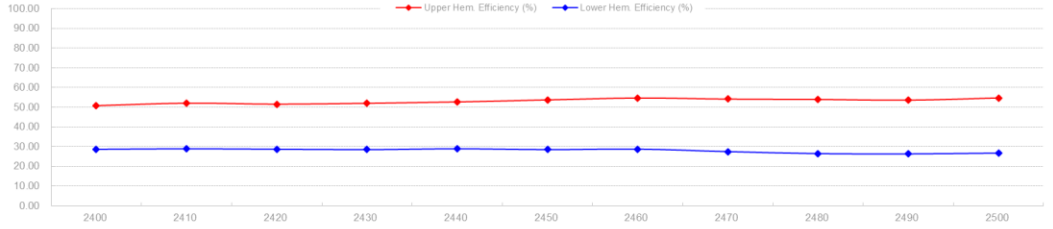
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-1.00	-0.92	-0.95	-0.94	-0.88	-0.85	-0.79	-0.88	-0.95	-0.97	-0.89
Gain (dBi)	4.46	4.39	4.29	4.37	4.44	4.65	4.82	4.83	4.87	4.81	4.77
Efficiency (%)	79.47	81.00	80.27	80.51	81.62	82.22	83.44	81.62	80.42	79.90	81.43
Directivity (dB)	5.46	5.30	5.24	5.31	5.32	5.50	5.61	5.71	5.82	5.78	5.66
Peak Gain Position (Theta)	30.00	30.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Peak Gain Position (Phi)	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
Efficiency ThetaPol (%)	40.74	41.59	41.07	41.34	41.86	42.57	43.18	42.47	41.98	41.95	43.04
Efficiency PhiPol (%)	38.73	39.41	39.20	39.16	39.76	39.65	40.27	39.15	38.43	37.94	38.39
Upper Hem. Efficiency (%)	50.79	52.06	51.55	52.01	52.68	53.72	54.67	54.14	53.97	53.58	54.71
Lower Hem. Efficiency (%)	28.68	28.94	28.71	28.50	28.93	28.50	28.77	27.49	26.45	26.32	26.72

T90(H)圆度	7.76	7.78	8.04	7.88	7.85	8.06	8.51	8.83	9.00	9.14	9.29
Gain 15deg (dBi)											
E1(XZ)波瓣宽度	78.00	86.00	93.00	99.00	158.00	24.00	22.00	22.00	22.00	23.00	24.00
E1(XZ)前后比	2.27	2.26	1.99	1.57	0.85	0.00	0.00	0.00	0.00	0.00	0.00
E2(YZ)波瓣宽度	63.00	64.00	63.00	63.00	63.00	59.00	58.00	57.00	58.00	58.00	60.00
E2(YZ)前后比	4.31	4.39	4.34	4.61	4.86	5.06	5.10	5.00	5.03	4.72	4.35
最大增益处轴比(P)	8.57	8.87	7.59	7.65	7.82	7.76	7.72	7.75	7.53	7.17	6.66
仰角 10 度最差(大)轴比(P)	74.44	61.81	64.31	64.10	60.87	71.58	59.21	62.03	54.17	58.96	61.80
Hc(XY)波瓣宽度	51.00	51.00	58.00	60.00	61.00	61.00	62.00	64.00	67.00	69.00	69.00
Hc(XY)前后比	2.94	2.96	2.67	2.44	2.20	2.09	1.84	1.50	1.14	0.69	0.57
左旋圆极化效率(%)	33.41	34.53	34.17	33.98	34.32	34.56	34.80	34.09	34.06	34.16	35.42
右旋圆极化效率(%)	46.06	46.47	46.10	46.52	47.30	47.66	48.64	47.53	46.36	45.73	46.00

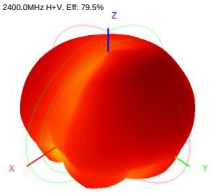

Efficiency (%)
Max-Min
79.47
83.44


4.87
4.29

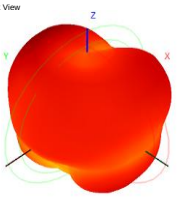

Efficiency ThetaPol (%)
Efficiency PhiPol (%)

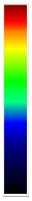

Upper Hem. Efficiency (%)
Lower Hem. Efficiency (%)

2400.0MHz H+V. Eff: 79.5%

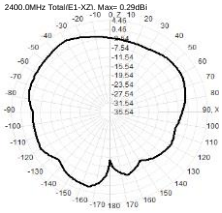


Back View

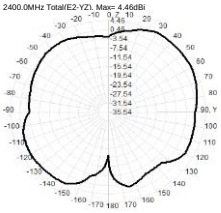




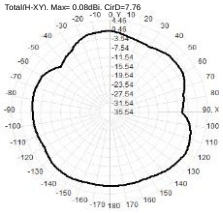
2400.0MHz Total/E1-XZ). Max= 0.29dBi



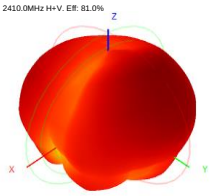
2400.0MHz Total/E2-YZ). Max= 4.46dBi



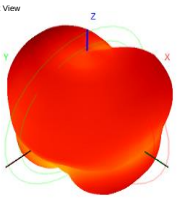
Total/H-XY). Max= 0.08dBi. CirD=7.76

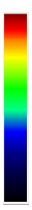


2410.0MHz H+V. Eff: 81.0%

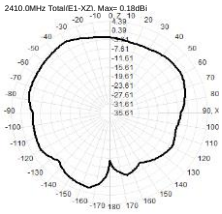


Back View

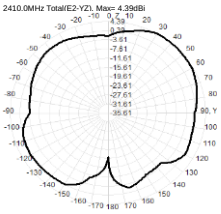




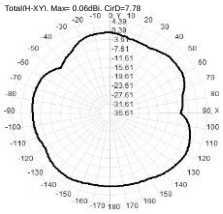
2410.0MHz Total/E1-XZ). Max= 0.18dBi



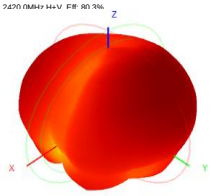
2410.0MHz Total/E2-YZ). Max= 4.39dBi



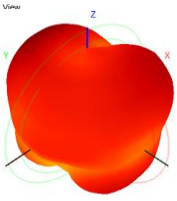
Total/H-XY). Max= 0.06dBi. CirD=7.78

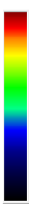


2420.0MHz H+V. Eff: 80.3%

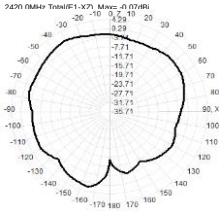


Back View

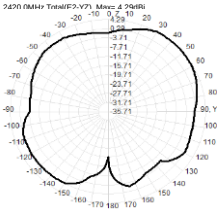




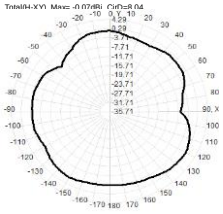
2420.0MHz Total/E1-XZ). Max= -0.07dBi



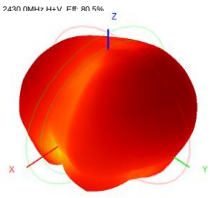
2420.0MHz Total/E2-YZ). Max= 4.29dBi



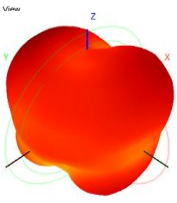
Total/H-XY). Max= -0.07dBi. CirD=8.04

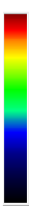


2430.0MHz H+V. Eff: 80.5%

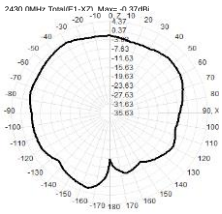


Back View

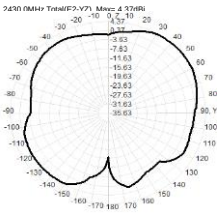




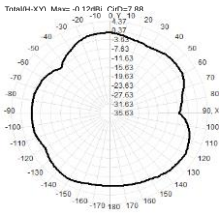
2430.0MHz Total/E1-XZ). Max= -0.37dBi



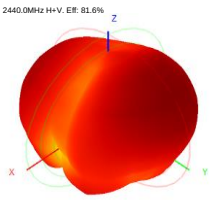
2430.0MHz Total/E2-YZ). Max= 4.37dBi



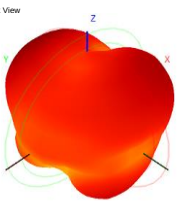
Total/H-XY). Max= -0.12dBi. CirD=7.88

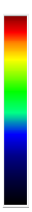


2440.0MHz H+V. Eff: 81.6%

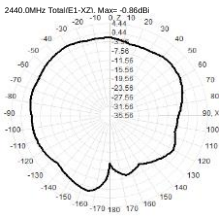


Back View

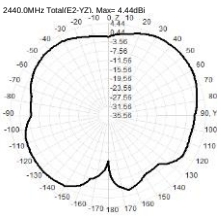




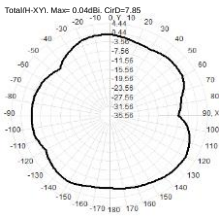
2440.0MHz Total/E1-XZ). Max= -0.86dBi



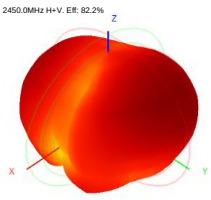
2440.0MHz Total/E2-YZ). Max= 4.44dBi



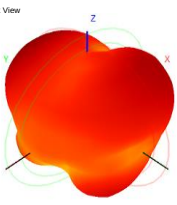
Total/H-XY). Max= 0.04dBi. CirD=7.85

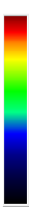


2450.0MHz H+V. Eff: 82.2%

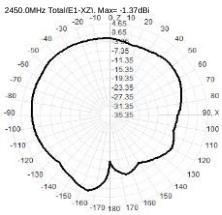


Back View

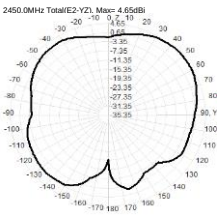




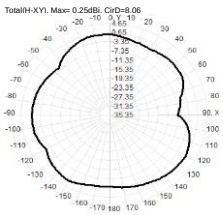
2450.0MHz Total/E1-XZ). Max= -1.37dBi



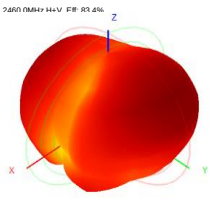
2450.0MHz Total/E2-YZ). Max= 4.65dBi



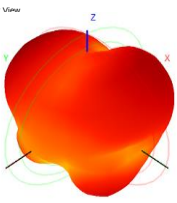
Total/H-XY). Max= 0.25dBi. CirD=8.06

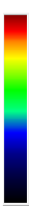


2460.0MHz H+V. Eff: 83.4%

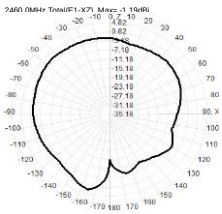


Back View

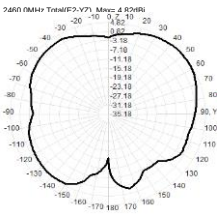




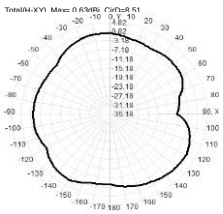
2460.0MHz Total/E1-XZ). Max= -1.19dBi



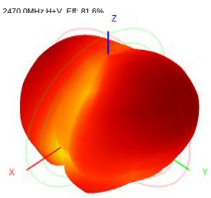
2460.0MHz Total/E2-YZ). Max= 4.82dBi



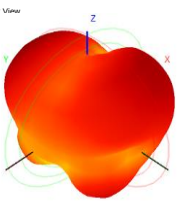
Total/H-XY). Max= 0.63dBi. CirD=8.51

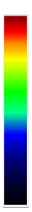


2470.0MHz H+V. Eff: 81.6%

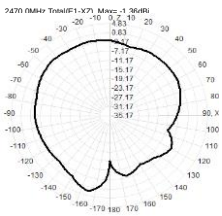


Back View

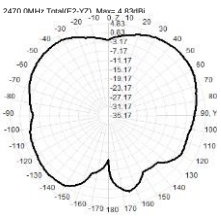




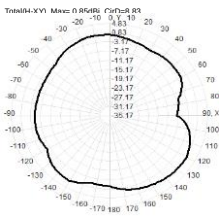
2470.0MHz Total/E1-XZ). Max= -1.36dBi



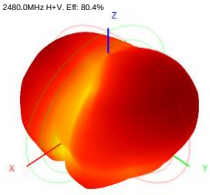
2470.0MHz Total/E2-YZ). Max= 4.83dBi



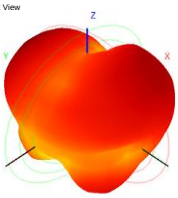
Total/H-XY). Max= 0.85dBi. CirD=8.83



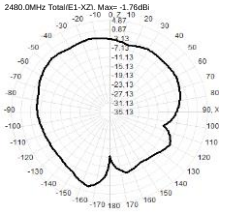
2480.0MHz H+V. Eff: 80.4%



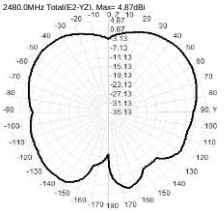
Back View



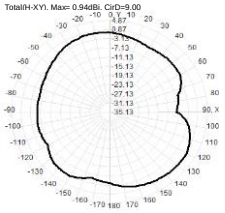
2480.0MHz Total/E1-XZ\. Max= -1.76dBi



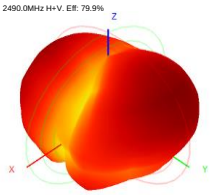
2480.0MHz Total/E2-YZ\. Max= 4.87dBi



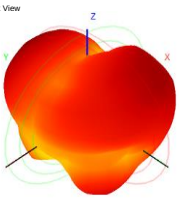
Total/H-XY\. Max= 0.94dBi. CirD=9.00



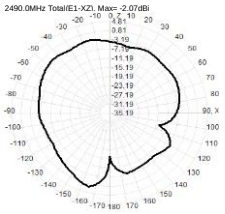
2490.0MHz H+V. Eff: 79.9%



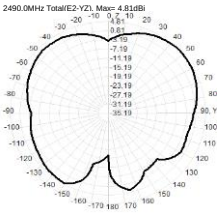
Back View



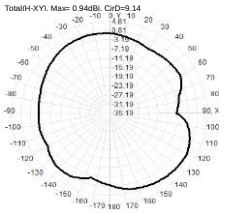
2490.0MHz Total/E1-XZ\. Max= -2.07dBi



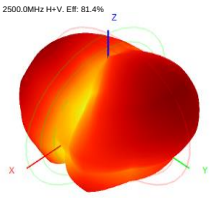
2490.0MHz Total/E2-YZ\. Max= 4.81dBi



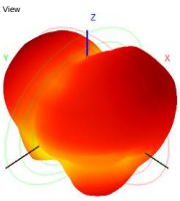
Total/H-XY\. Max= 0.94dBi. CirD=9.14



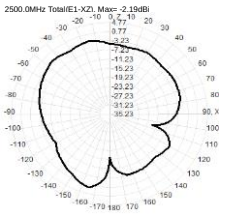
2500.0MHz H+V. Eff: 81.4%



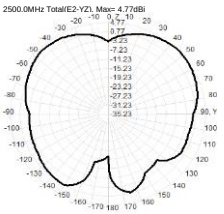
Back View



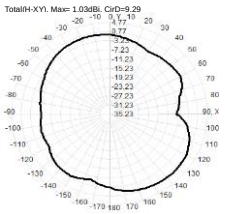
2500.0MHz Total/E1-XZ\. Max= -2.19dBi



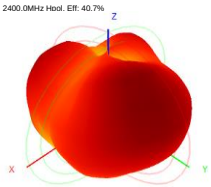
2500.0MHz Total/E2-YZ\. Max= 4.77dBi



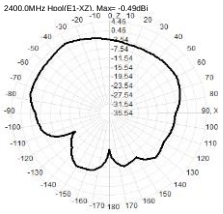
Total/H-XY\. Max= 1.03dBi. CirD=9.29



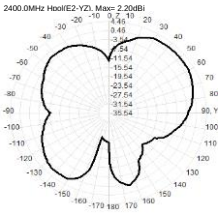
2400.0MHz Hool. Eff: 40.7%



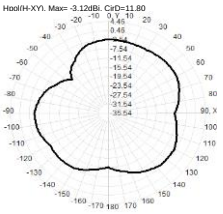
2400.0MHz Hool(E1-XZ). Max= -0.49dBi



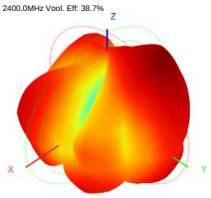
2400.0MHz Hool(E2-YZ). Max= 2.20dBi



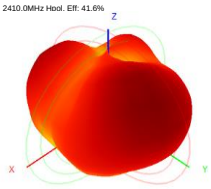
Hool(H-XY). Max= -3.12dBi. CirD=11.80



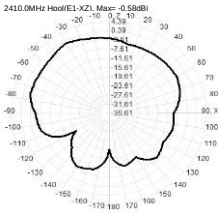
2400.0MHz Vool. Eff: 38.7%



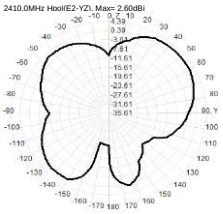
2410.0MHz Hool. Eff: 41.6%



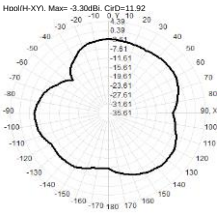
2410.0MHz Hool(E1-XZ). Max= -0.58dBi



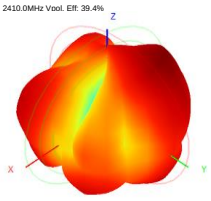
2410.0MHz Hool(E2-YZ). Max= 2.60dBi



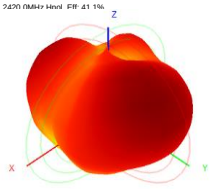
Hool(H-XY). Max= -3.30dBi. CirD=11.92



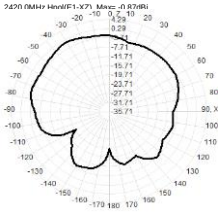
2410.0MHz Vool. Eff: 39.4%



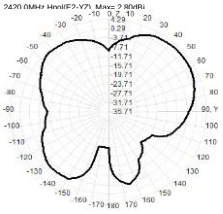
2420.0MHz Hool. Eff: 41.1%



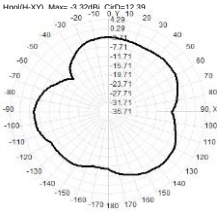
2420.0MHz Hool(E1-XZ). Max= -0.87dBi



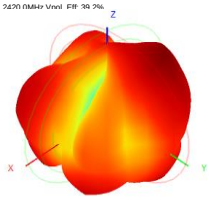
2420.0MHz Hool(E2-YZ). Max= 2.80dBi



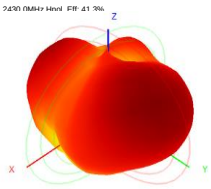
Hool(H-XY). Max= -3.30dBi. CirD=12.39



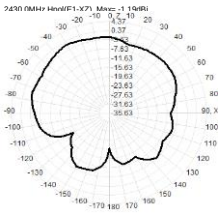
2420.0MHz Vool. Eff: 39.2%



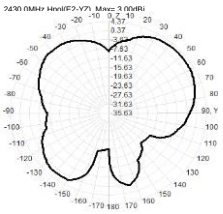
2430.0MHz Hool. Eff: 41.3%



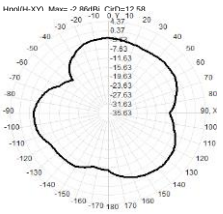
2430.0MHz Hool(E1-XZ). Max= -1.19dBi



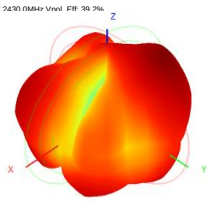
2430.0MHz Hool(E2-YZ). Max= 3.00dBi



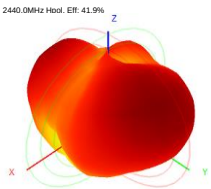
Hool(H-XY). Max= -2.86dBi. CirD=12.58



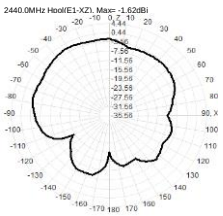
2430.0MHz Vool. Eff: 39.2%



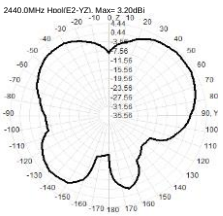
2440.0MHz Hool. Eff: 41.9%



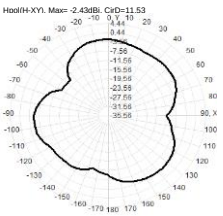
2440.0MHz Hool(E1-XZ). Max= -1.62dBi



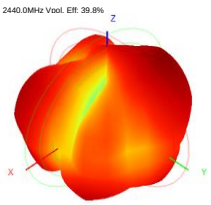
2440.0MHz Hool(E2-YZ). Max= 3.20dBi



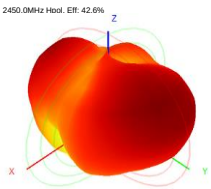
Hool(H-XY). Max= -2.43dBi. CirD=11.53



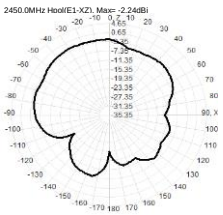
2440.0MHz Vool. Eff: 39.8%



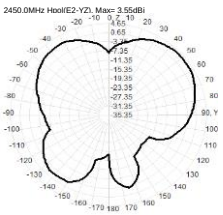
2450.0MHz Hool. Eff: 42.6%



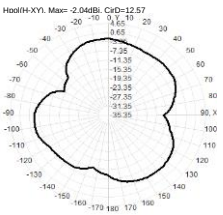
2450.0MHz Hool(E1-XZ). Max= -2.24dBi



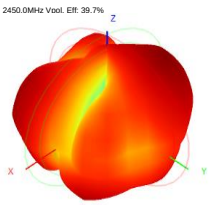
2450.0MHz Hool(E2-YZ). Max= 3.55dBi



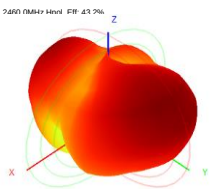
Hool(H-XY). Max= -2.04dBi. CirD=12.57



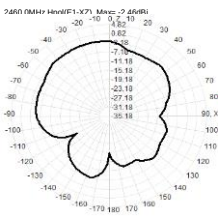
2450.0MHz Vool. Eff: 39.7%



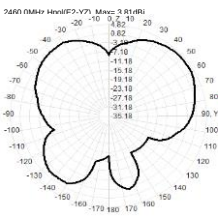
2460.0MHz Hool. Eff: 43.2%



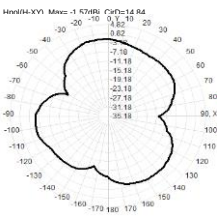
2460.0MHz Hool(E1-XZ). Max= -2.46dBi



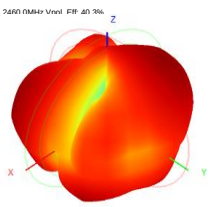
2460.0MHz Hool(E2-YZ). Max= 3.91dBi



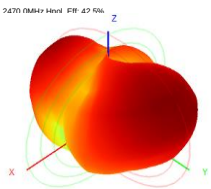
Hool(H-XY). Max= -1.57dBi. CirD=14.84



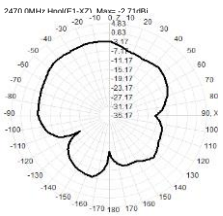
2460.0MHz Vool. Eff: 40.3%



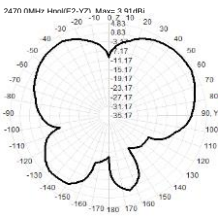
2470.0MHz Hool. Eff: 42.5%



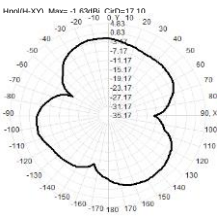
2470.0MHz Hool(E1-XZ). Max= -2.71dBi



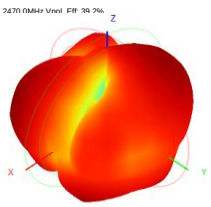
2470.0MHz Hool(E2-YZ). Max= 3.91dBi



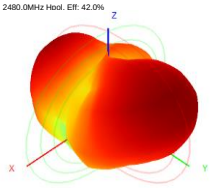
Hool(H-XY). Max= -1.63dBi. CirD=17.10



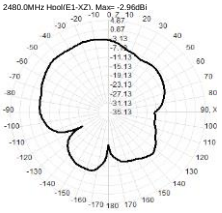
2470.0MHz Vool. Eff: 39.2%



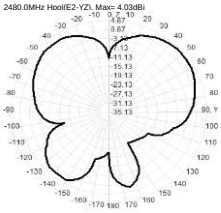
2480.0MHz Hool. Eff: 42.0%



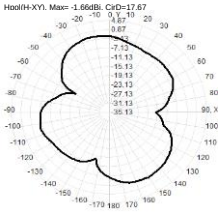
2480.0MHz Hool/E1-XZ\. Max= -2.96dBi



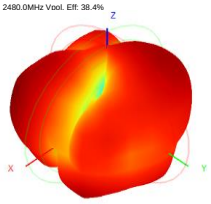
2480.0MHz Hool/E2-YZ\. Max= 4.03dBi



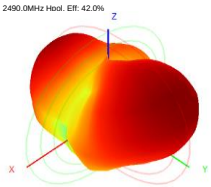
Hool/H-XY\. Max= -1.66dBi. CirD=17.67



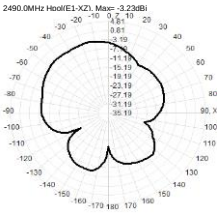
2480.0MHz Vool. Eff: 38.4%



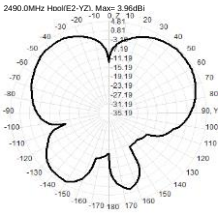
2490.0MHz Hool. Eff: 42.0%



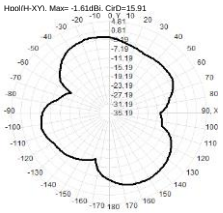
2490.0MHz Hool/E1-XZ\. Max= -3.23dBi



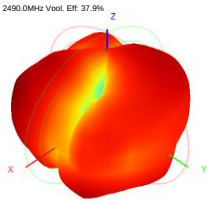
2490.0MHz Hool/E2-YZ\. Max= 3.96dBi



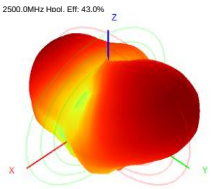
Hool/H-XY\. Max= -1.61dBi. CirD=15.91



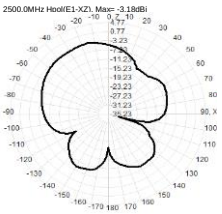
2490.0MHz Vool. Eff: 37.9%



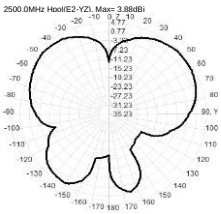
2500.0MHz Hool. Eff: 43.0%



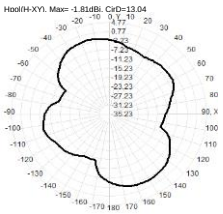
2500.0MHz Hool/E1-XZ\. Max= -3.18dBi



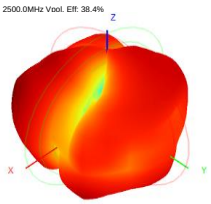
2500.0MHz Hool/E2-YZ\. Max= 3.88dBi



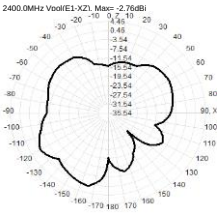
Hool/H-XY\. Max= -1.81dBi. CirD=13.04



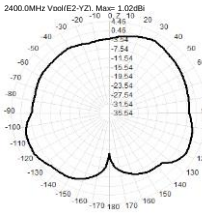
2500.0MHz Vool. Eff: 38.4%



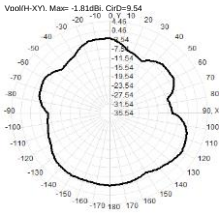
2400.0MHz Vool(E1-XZ), Max= -2.76dBi



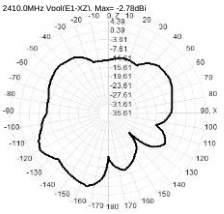
2400.0MHz Vool(E2-YZ), Max= 1.02dBi



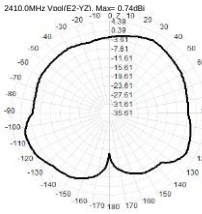
Vool(H-XY), Max= -1.81dBi, CirD=9.54



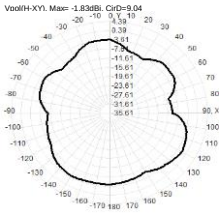
2410.0MHz Vool(E1-XZ), Max= -2.78dBi



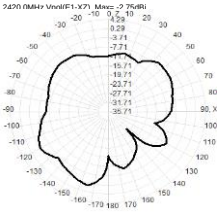
2410.0MHz Vool(E2-YZ), Max= 0.74dBi



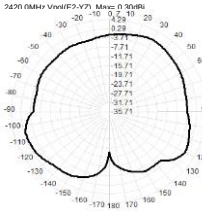
Vool(H-XY), Max= -1.83dBi, CirD=9.04



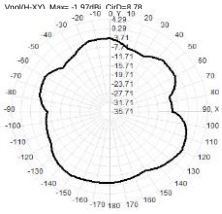
2420.0MHz Vool(E1-XZ), Max= -2.75dBi



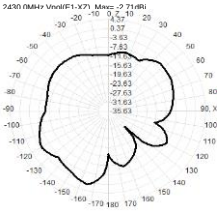
2420.0MHz Vool(E2-YZ), Max= 0.30dBi



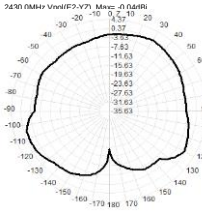
Vool(H-XY), Max= -1.97dBi, CirD=8.78



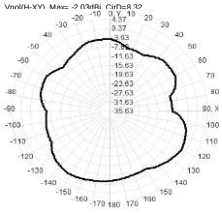
2430.0MHz Vool(E1-XZ), Max= -2.71dBi



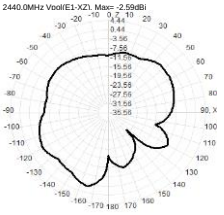
2430.0MHz Vool(E2-YZ), Max= -0.04dBi



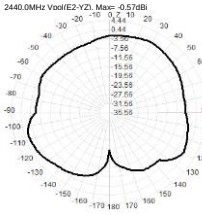
Vool(H-XY), Max= -2.03dBi, CirD=8.32



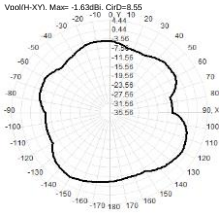
2440.0MHz Vool(E1-XZ), Max= -2.59dBi



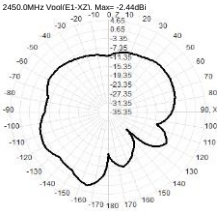
2440.0MHz Vool(E2-YZ), Max= -0.57dBi



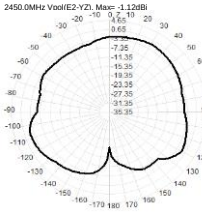
Vool(H-XY), Max= -1.63dBi, CirD=8.55



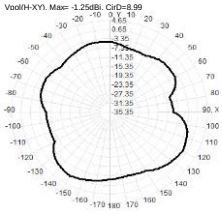
2450.0MHz Vool(E1-XZ), Max= -2.44dBi



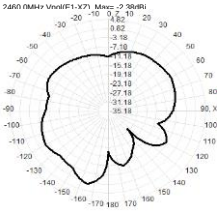
2450.0MHz Vool(E2-YZ), Max= -1.12dBi



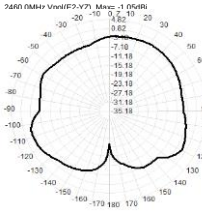
Vool(H-XY), Max= -1.25dBi, CirD=8.99



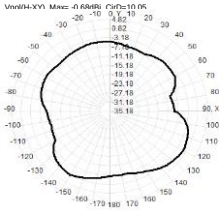
2460.0MHz Vool(E1-XZ), Max= -2.38dBi



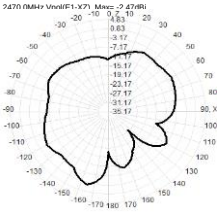
2460.0MHz Vool(E2-YZ), Max= -1.05dBi



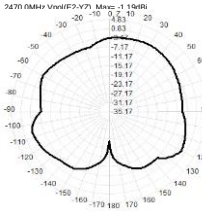
Vool(H-XY), Max= -0.68dBi, CirD=10.05



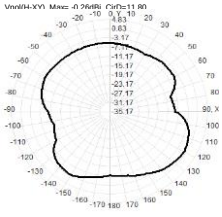
2470.0MHz Vool(E1-XZ), Max= -2.47dBi



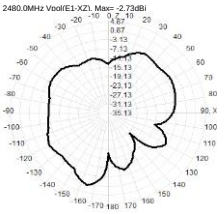
2470.0MHz Vool(E2-YZ), Max= -1.19dBi



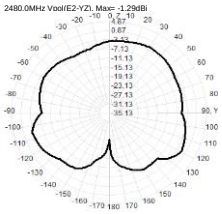
Vool(H-XY), Max= -0.26dBi, CirD=11.80



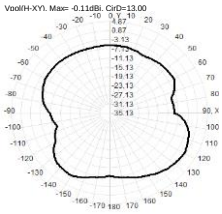
2480.0MHz Vool(E1-XZ\. Max= -2.73dBi



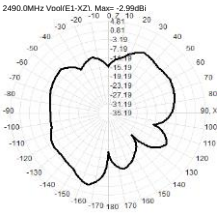
2480.0MHz Vool(E2-YZ\. Max= -1.29dBi



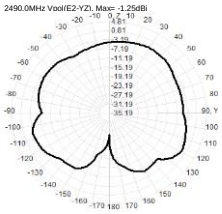
Vool(H-XY\. Max= -0.11dBi. CirD=13.00



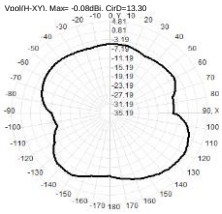
2490.0MHz Vool(E1-XZ\. Max= -2.99dBi



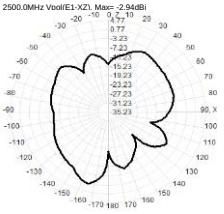
2490.0MHz Vool(E2-YZ\. Max= -1.25dBi



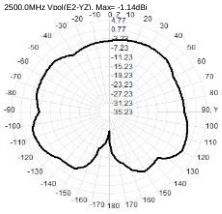
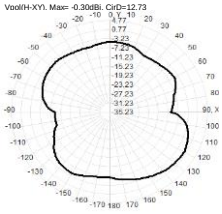
Vool(H-XY\. Max= -0.08dBi. CirD=13.30



2500.0MHz Vool(E1-XZ\. Max= -2.94dBi



2500.0MHz Vool(E2-YZ\. Max= -1.14dBi



Vool(H-XY\. Max= -0.30dBi. CirD=12.73