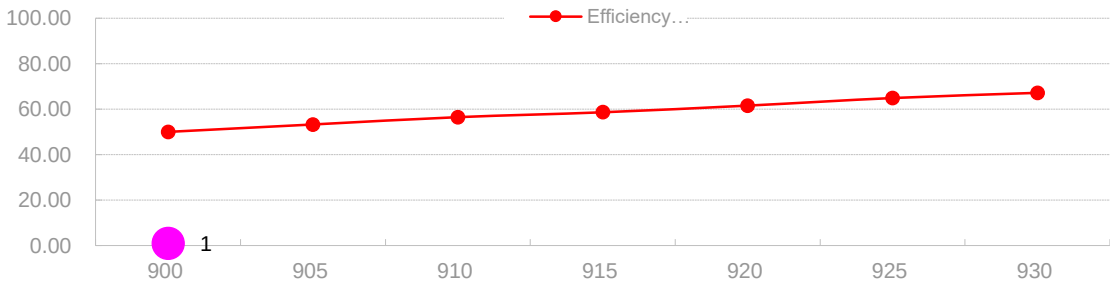
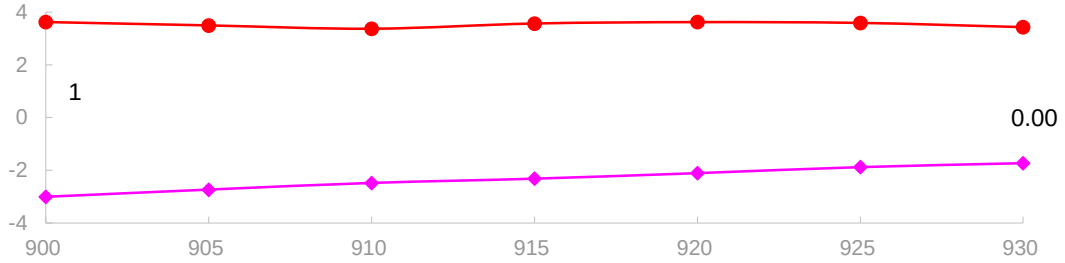
		深圳爱特立科技有限公司					
Frequency ID	**1**	**2**	**3**	**4**	**5**	**6**	**7**
Frequency (MHz)	**900**	**905**	**910**	**915**	**920**	**925**	**930**
Efficiency (dBi)	**-3.01**	**-2.73**	**-2.48**	**-2.32**	**-2.11**	**-1.88**	**-1.73**
Gain (dBi)	3.62	3.49	3.37	3.57	3.62	3.59	3.43
Efficiency (%)	**50.01**	**53.28**	**56.50**	**58.65**	**61.58**	**64.90**	**67.20**
Directivity (dB)	**6.63**	**6.23**	**5.85**	**5.88**	**5.72**	**5.46**	**5.15**
Peak Gain Position (Theta)	165.00	165.00	45.00	45.00	45.00	45.00	45.00
Peak Gain Position (Phi)	30.00	30.00	135.00	135.00	135.00	135.00	135.00
Efficiency ThetaPol (%)	28.13	30.80	33.05	34.35	36.27	37.86	37.99
Efficiency PhiPol (%)	21.88	22.47	23.45	24.30	25.30	27.04	29.21
Upper Hem. Efficiency (%)	25.28	26.83	28.41	29.77	31.21	32.72	33.84
Lower Hem. Efficiency (%)	24.73	26.44	28.09	28.88	30.36	32.18	33.36
T90(H)圆度	18.02	14.68	12.33	11.23	10.74	9.98	9.50
Gain 15deg (dBi)							
E1(XZ)波瓣宽度	19.00	69.00	67.00	64.00	61.00	61.00	60.00
E1(XZ)前后比	0.00	0.10	0.45	0.96	1.36	1.65	1.86
E2(YZ)波瓣宽度	45.00	41.00	41.00	39.00	38.00	42.00	49.00
E2(YZ)前后比	1.03	1.46	2.02	3.04	3.26	2.75	2.43
最大增益处轴比(P)	15.74	14.30	16.23	17.77	19.94	22.23	23.85
仰角 10 度最差(大)轴比(P)	41.85	53.80	48.87	49.45	47.16	53.38	50.76
Hc(XY)波瓣宽度	222.00	225.00	228.00	230.00	84.00	134.00	127.00
Hc(XY)前后比	1.17	1.15	1.13	1.10	0.95	0.99	1.17
左旋圆极化效率(%)	24.35	25.41	26.21	26.50	27.02	27.33	27.60
右旋圆极化效率(%)	25.66	27.87	30.29	32.15	34.56	37.58	39.60

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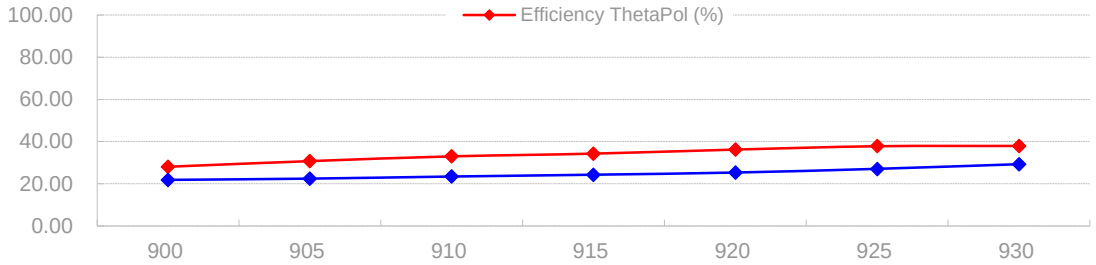
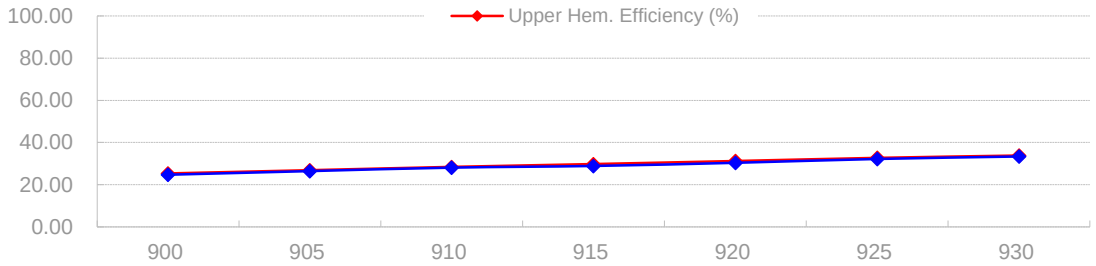
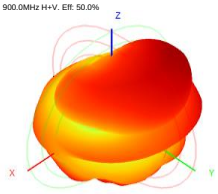
2
0
-2
-4
1
0.00
900
905
910
915
920
925
930

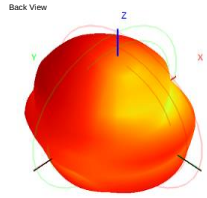

Efficiency ThetaPol (%)
100.00
80.00
60.00
40.00
20.00
0.00
900
905
910
915
920
925
930

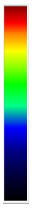

Upper Hem. Efficiency (%)
100.00
80.00
60.00
40.00
20.00
0.00
900
905
910
915
920
925
930

900.0MHz H+V, Eff: 50.0%

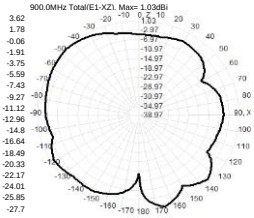


Back View

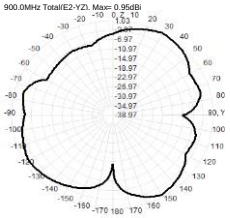




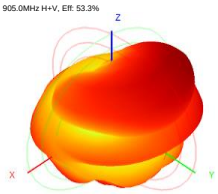
900.0MHz Total(E1-XZ), Max= 1.03dBi



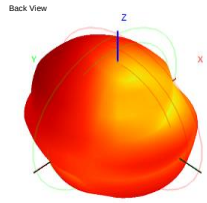
900.0MHz Total(E2-YZ), Max= 0.95dBi

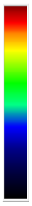


905.0MHz H+V, Eff: 53.3%

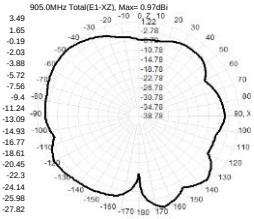


Back View

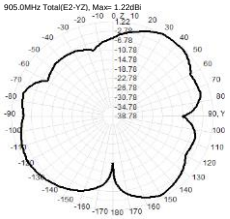




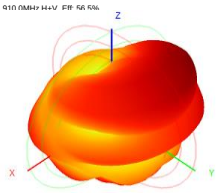
905.0MHz Total(E1-XZ), Max= 0.97dBi



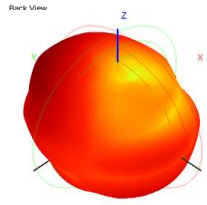
905.0MHz Total(E2-YZ), Max= 1.22dBi

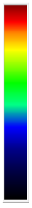


910.0MHz H+V, Eff: 56.5%

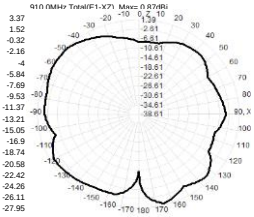


Back View

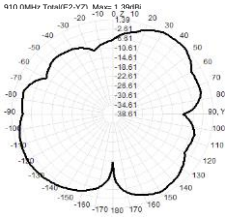




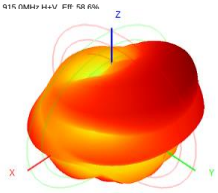
910.0MHz Total(E1-XZ), Max= 0.87dBi



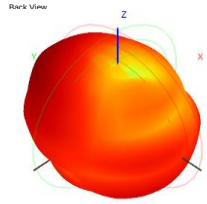
910.0MHz Total(E2-YZ), Max= 1.39dBi

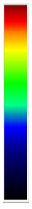


915.0MHz H+V, Eff: 58.6%

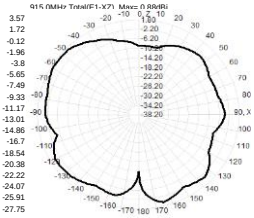


Back View

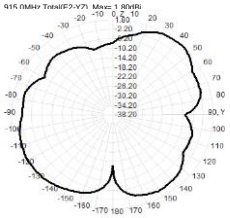




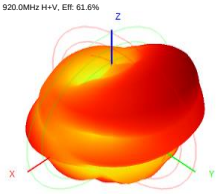
915.0MHz Total(E1-XZ), Max= 0.89dBi



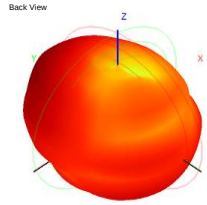
915.0MHz Total(E2-YZ), Max= 1.80dBi

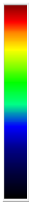


920.0MHz H+V, Eff: 61.6%

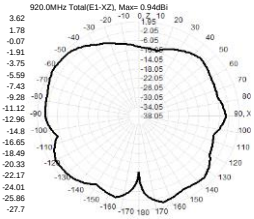


Back View

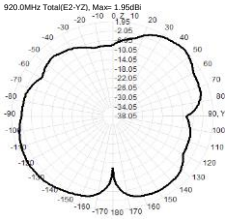




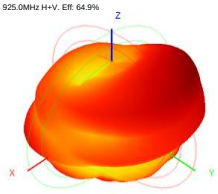
920.0MHz Total(E1-XZ), Max= 0.94dBi



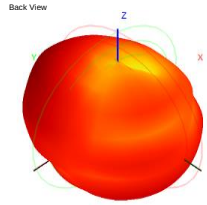
920.0MHz Total(E2-YZ), Max= 1.95dBi

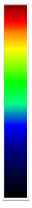


925.0MHz H+V, Eff: 64.9%

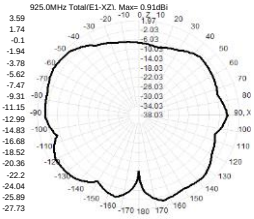


Back View

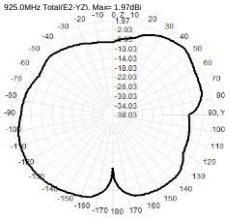




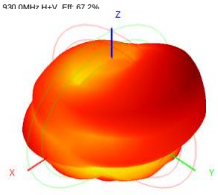
925.0MHz Total(E1-XZ), Max= 0.91dBi



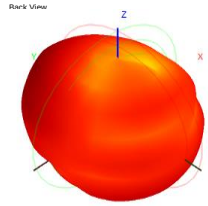
925.0MHz Total(E2-YZ), Max= 1.97dBi

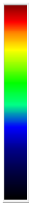


930.0MHz H+V, Eff: 67.2%

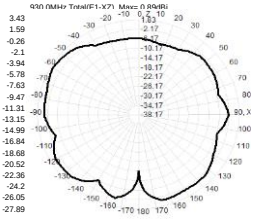


Back View

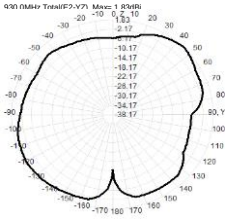




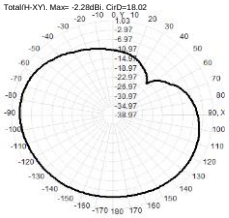
930.0MHz Total(E1-XZ), Max= 0.89dBi



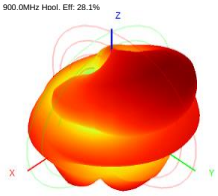
930.0MHz Total(E2-YZ), Max= 1.83dBi



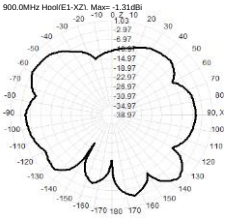
Total(H-XY), Max= -2.28dBi, CirD=18.02



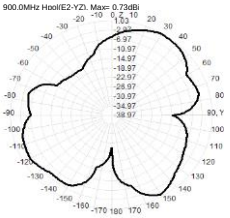
900.0MHz Hpol, Eff: 28.1%



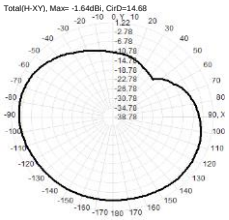
900.0MHz Hpol(E1-XZ), Max= -1.31dBi



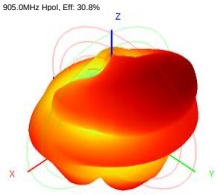
900.0MHz Hpol(E2-YZ), Max= 0.73dBi



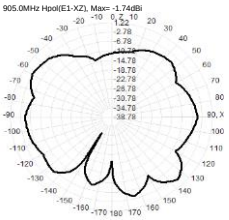
Total(H-XY), Max= -1.64dBi, CirD=14.68



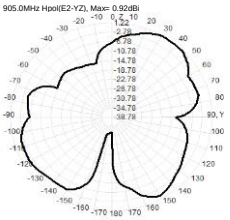
905.0MHz Hpol, Eff: 30.8%



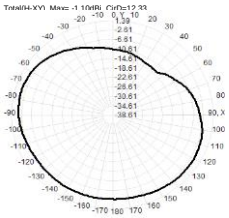
905.0MHz Hpol(E1-XZ), Max= -1.74dBi



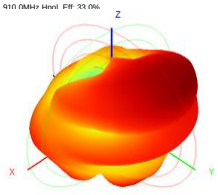
905.0MHz Hpol(E2-YZ), Max= 0.92dBi



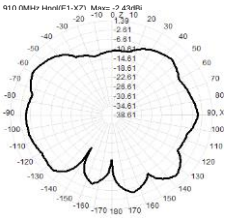
Total(H-XY), Max= -1.10dBi, CirD=12.33



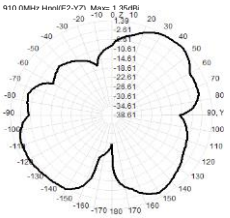
910.0MHz Hpol, Eff: 33.0%



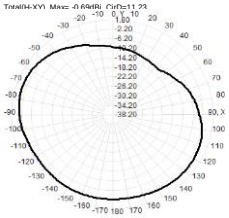
910.0MHz Hpol(E1-XZ), Max= -2.43dBi



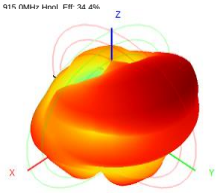
910.0MHz Hpol(E2-YZ), Max= 1.35dBi



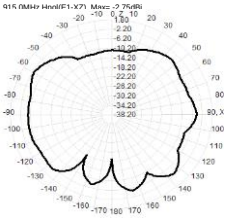
Total(H-XY), Max= -0.69dBi, CirD=11.23



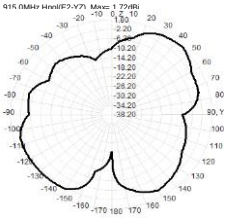
915.0MHz Hpol, Eff: 34.4%



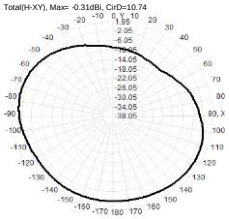
915.0MHz Hpol(E1-XZ), Max= -2.75dBi



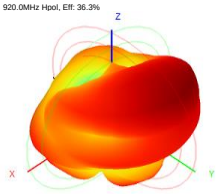
915.0MHz Hpol(E2-YZ), Max= 1.72dBi



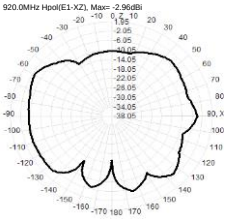
Total(H-XY), Max= -0.31dBi, CirD=10.74



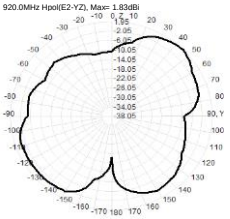
920.0MHz Hpol, Eff: 36.3%



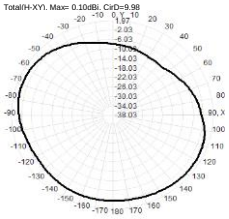
920.0MHz Hpol(E1-XZ), Max= -2.96dBi



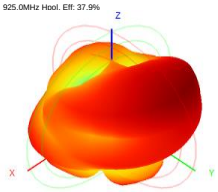
920.0MHz Hpol(E2-YZ), Max= 1.83dBi



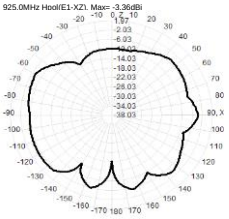
Total(H-XY), Max= 0.10dBi, CirD=9.98



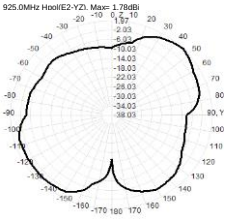
925.0MHz Hpol, Eff: 37.9%



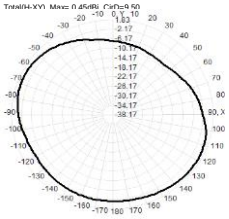
925.0MHz Hpol(E1-XZ), Max= -3.36dBi



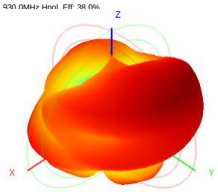
925.0MHz Hpol(E2-YZ), Max= 1.78dBi



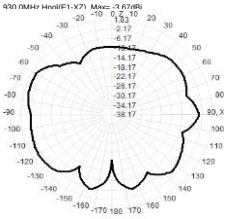
Total(H-XY), Max= 0.45dBi, CirD=9.50



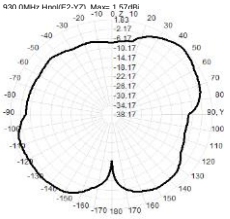
930.0MHz Hpol, Eff: 38.0%



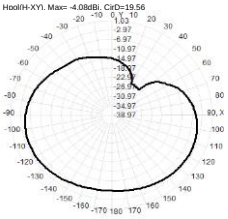
930.0MHz Hpol(E1-XZ), Max= -3.67dBi



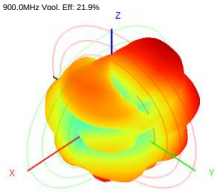
930.0MHz Hpol(E2-YZ), Max= 1.57dBi



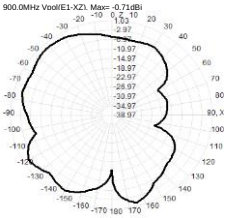
Hpol(H-XY), Max= -4.08dBi, CirD=19.56



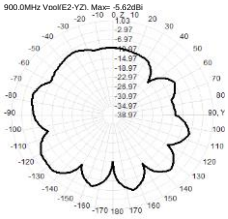
900.0MHz Vpol, Eff: 21.9%



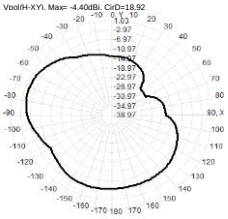
900.0MHz Vpol(E1-XZ), Max= -0.71dBi



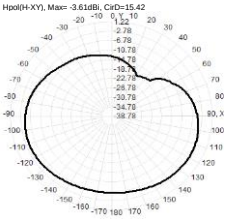
900.0MHz Vpol(E2-YZ), Max= -5.62dBi



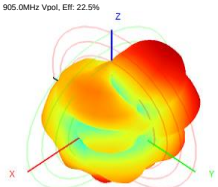
Vpol(H-XY), Max= -4.40dBi, CirD=18.92



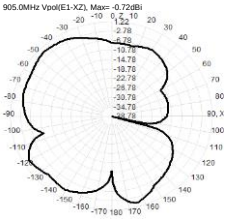
Hpol(H-XY), Max= -3.61dBi, CirD=15.42



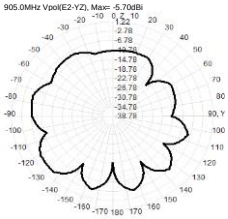
905.0MHz Vpol, Eff: 22.5%



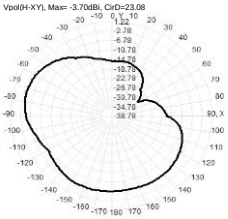
905.0MHz Vpol(E1-XZ), Max= -0.72dBi



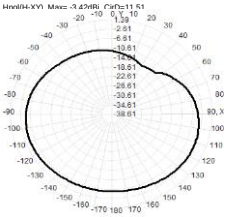
905.0MHz Vpol(E2-YZ), Max= -5.70dBi



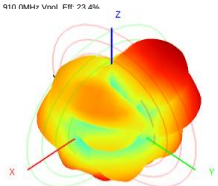
Vpol(H-XY), Max= -3.70dBi, CirD=23.08



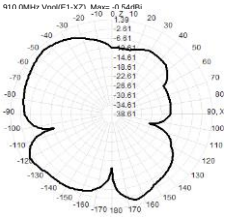
Hpol(H-XY), Max= -3.42dBi, CirD=11.51



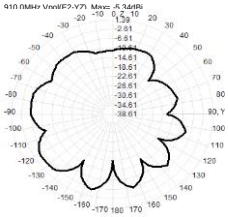
910.0MHz Vpol, Eff: 23.4%



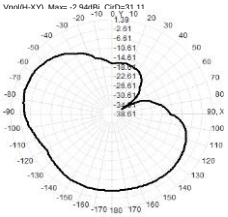
910.0MHz Vpol(E1-XZ), Max= -0.54dBi



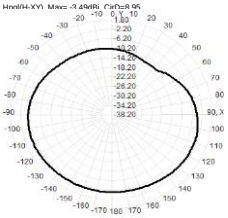
910.0MHz Vpol(E2-YZ), Max= -5.34dBi



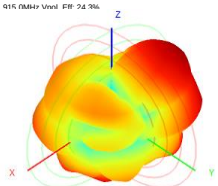
Vpol(H-XY), Max= -2.94dBi, CirD=31.11



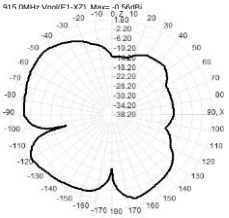
Hpol(H-XY), Max= -3.49dBi, CirD=8.95



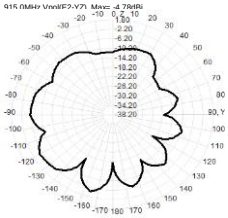
915.0MHz Vpol, Eff: 24.3%



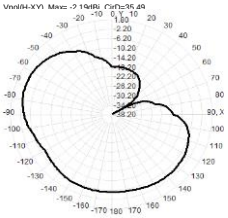
915.0MHz Vpol(E1-XZ), Max= -0.56dBi



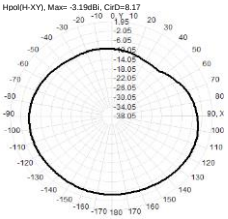
915.0MHz Vpol(E2-YZ), Max= -4.79dBi



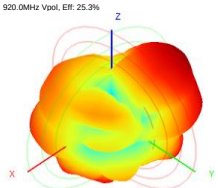
Vpol(H-XY), Max= -2.19dBi, CirD=35.49



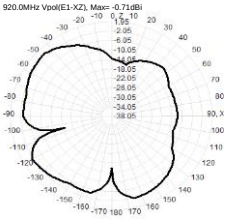
Hpol(H-XY), Max= -3.19dBi, CirD=8.17



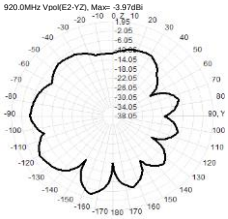
920.0MHz Vpol, Eff: 25.3%



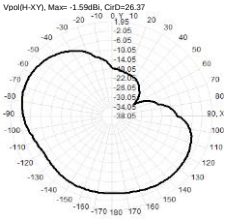
920.0MHz Vpol(E1-XZ), Max= -0.71dBi



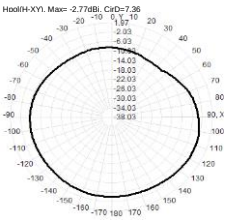
920.0MHz Vpol(E2-YZ), Max= -3.97dBi



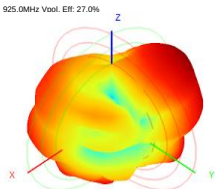
Vpol(H-XY), Max= -1.59dBi, CirD=26.37



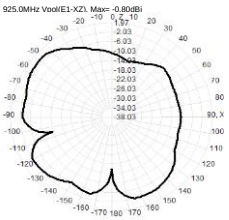
Hpol(H-XY), Max= -2.77dBi, CirD=7.36



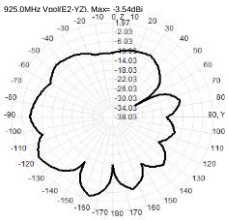
925.0MHz Vpol, Eff: 27.0%



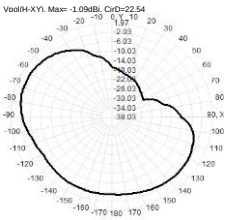
925.0MHz Vpol(E1-XZ), Max= -0.80dBi



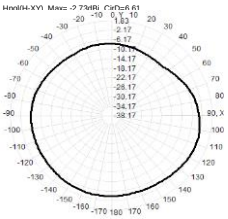
925.0MHz Vpol(E2-YZ), Max= -3.54dBi



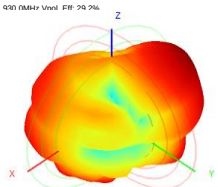
Vpol(H-XY), Max= -1.09dBi, CirD=22.54



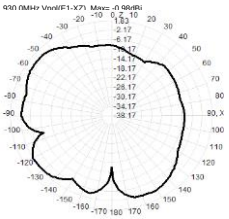
Hpol(H-XY), Max= -2.73dBi, CirD=6.61



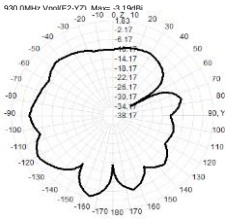
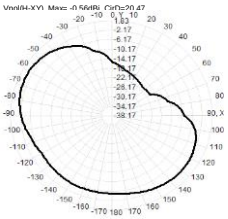
930.0MHz Vpol, Eff: 29.2%



930.0MHz Vpol(E1-XZ), Max= -0.98dBi



930.0MHz Vpol(E2-YZ), Max= -3.19dBi



Vpol(H-XY), Max= -0.56dBi, CirD=20.47