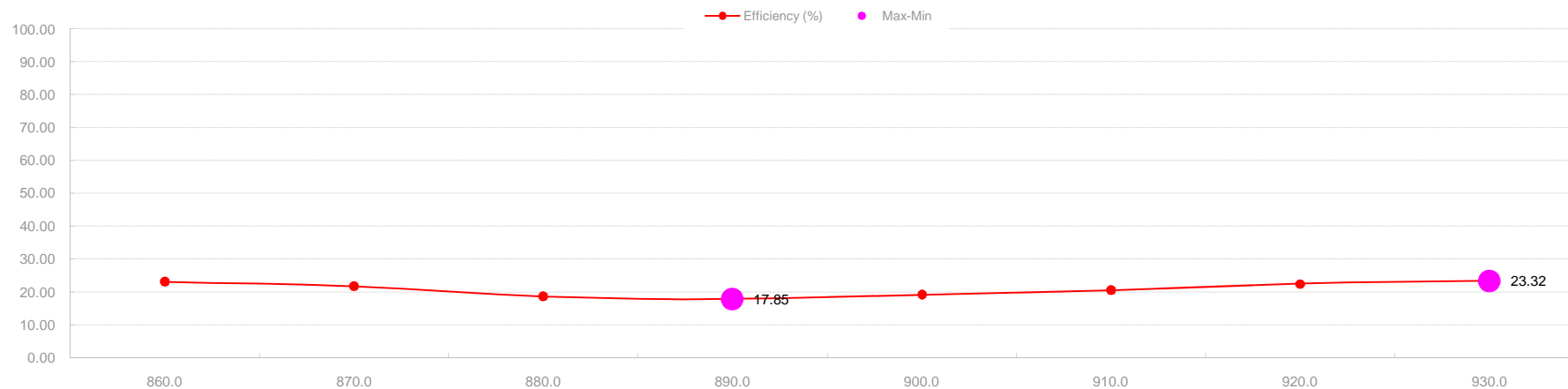


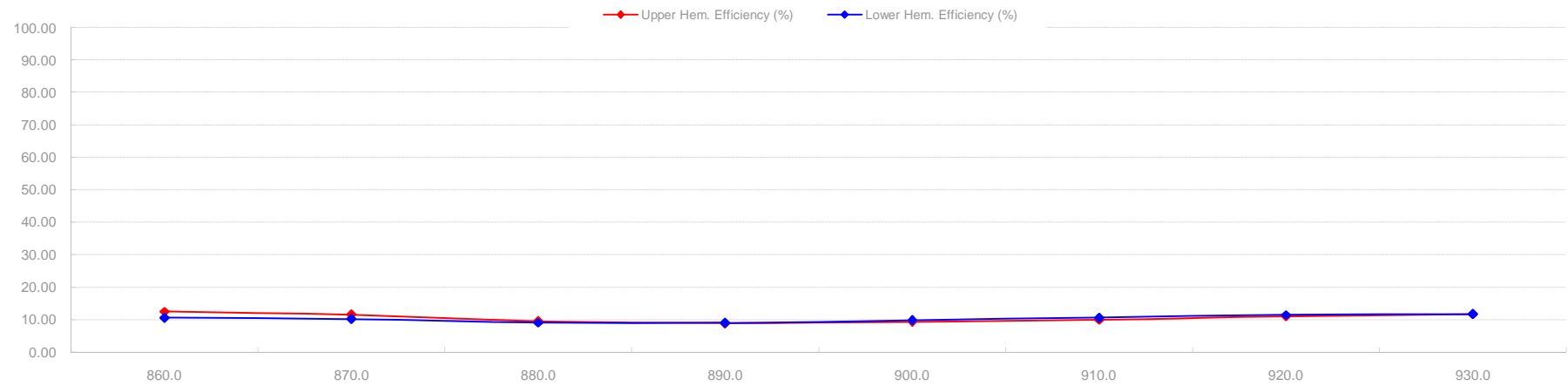
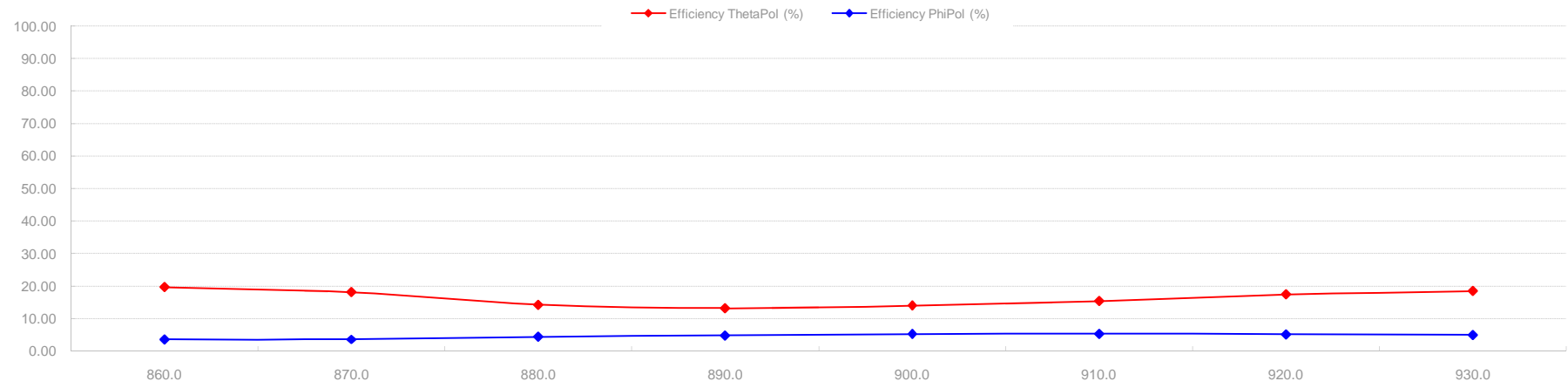
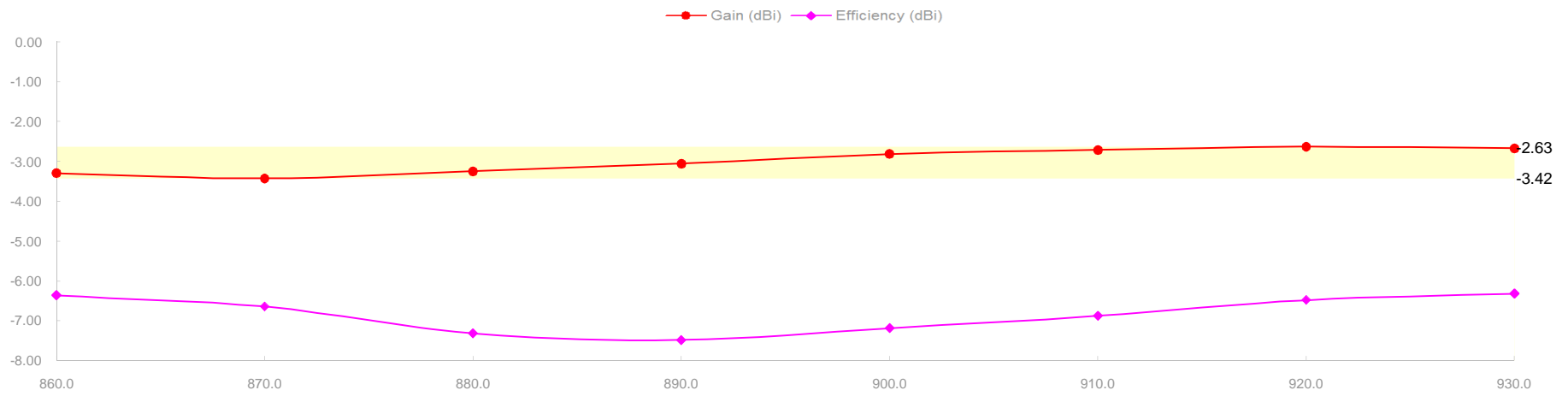


## M.gear

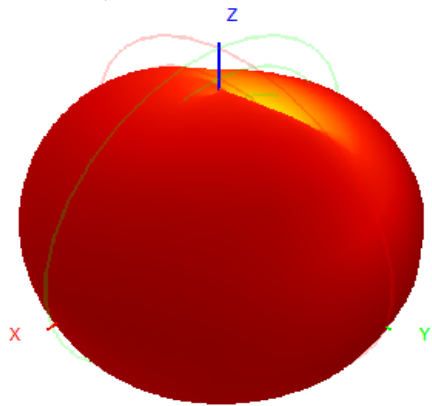
Frequency ID	1	2	3	4	5	6	7	8
Frequency (MHz)	860.0	870.0	880.0	890.0	900.0	910.0	920.0	930.0
Efficiency (dBi)	-6.37	-6.65	-7.32	-7.48	-7.18	-6.88	-6.48	-6.32
Gain (dBi)	-3.29	-3.42	-3.24	-3.05	-2.81	-2.71	-2.63	-2.67
Efficiency (%)	23.09	21.65	18.55	17.85	19.13	20.51	22.48	23.32
Directivity (dB)	3.07	3.22	4.08	4.43	4.37	4.17	3.85	3.66
Peak Gain Position (Theta)	90.00	90.00	105.00	105.00	105.00	105.00	105.00	105.00
Peak Gain Position (Phi)	105.00	45.00	75.00	75.00	75.00	75.00	75.00	75.00
Efficiency ThetaPol (%)	19.59	18.09	14.20	13.14	13.98	15.27	17.40	18.45
Efficiency PhiPol (%)	3.50	3.56	4.35	4.71	5.15	5.24	5.09	4.87
Upper Hem. Efficiency (%)	12.50	11.49	9.50	8.88	9.30	9.93	11.02	11.63
Lower Hem. Efficiency (%)	10.59	10.16	9.05	8.97	9.82	10.59	11.47	11.69

T90(H)Roundness	4.92	5.53	7.42	9.18	9.83	9.65	8.68	8.10
Gain 15deg (dBi)								
E1(XZ)Lobe width	106.00	102.00	108.00	105.00	104.00	103.00	100.00	79.00
E1(XZ)front-to-rear ratio	5.11	4.74	4.02	3.58	3.30	3.46	3.67	3.91
E2(YZ)Lobe width	78.00	87.00	87.00	82.00	79.00	79.00	87.00	89.00
E2(YZ)front-to-rear ratio	5.59	5.52	5.67	5.62	5.31	5.16	5.30	5.27
Maximum benefit axis ratio	32.48	13.38	16.18	17.31	25.31	30.00	46.76	33.33
peak(Theta=0)Axial ratio(P)	8.30	13.77	19.46	38.74	37.47	21.87	21.96	18.18
Elevation 10 degrees worst axial ratio(P)	53.54	53.00	50.86	47.85	57.15	48.31	48.99	49.13
Hc(XY)Lobe width	220.00	203.00	180.00	175.00	182.00	201.00	229.00	248.00
Hc(XY)front-to-rear ratio	3.16	3.16	4.10	5.09	5.47	5.50	5.20	4.69
Left-handed circular polarization efficiency(%)	13.97	14.17	11.81	10.61	10.14	10.64	11.31	12.35
Right-handed circular polarization efficiency(%)	9.12	7.48	6.74	7.24	8.99	9.88	11.18	10.97
Empty								

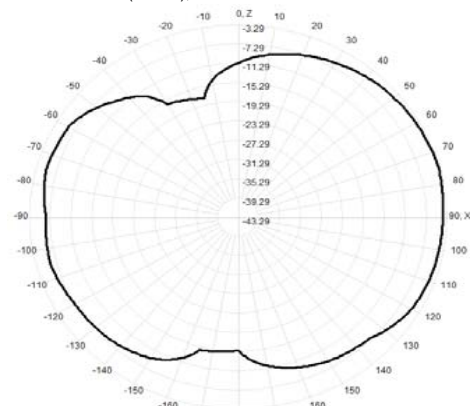




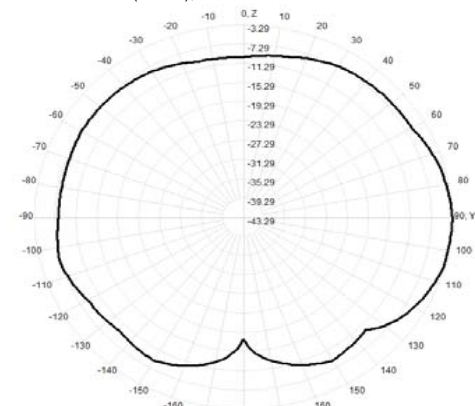
860.0MHz H+V, Eff: 23.1%



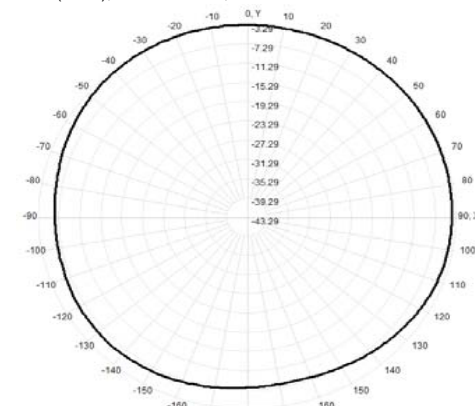
860.0MHz Total(E1-XZ), Max= -3.70dBi



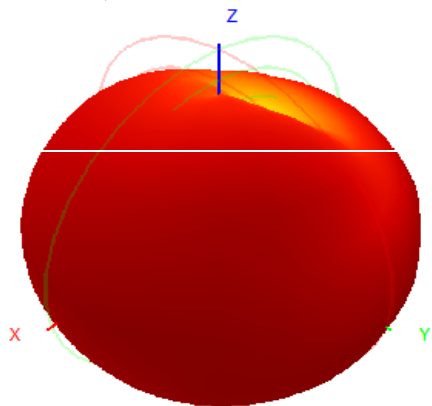
860.0MHz Total(E2-YZ), Max= -3.38dBi



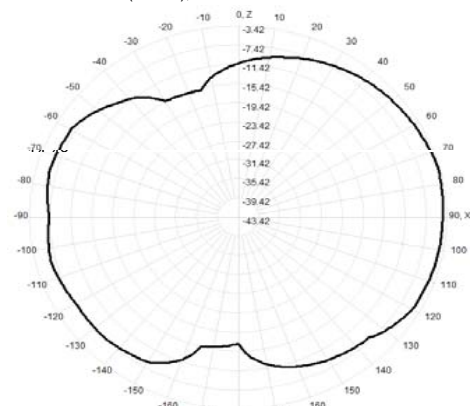
Total(H-XY), Max= -3.29dBi, CirD=4.92



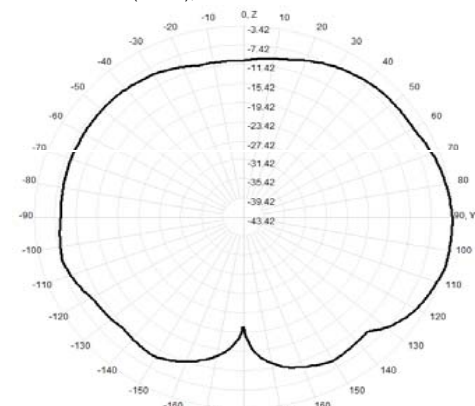
870.0MHz H+V, Eff: 21.6%



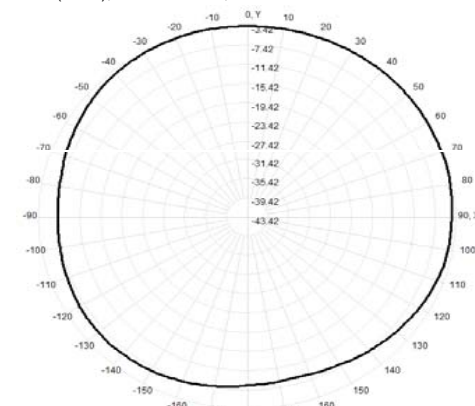
870.0MHz Total(E1-XZ), Max= -3.96dBi



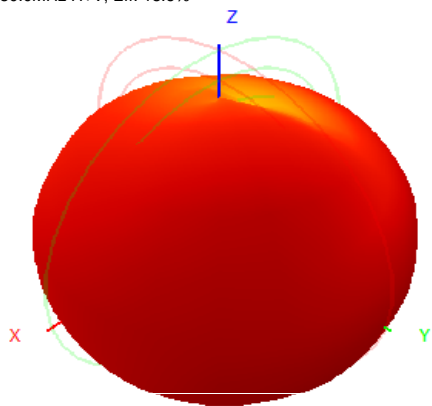
870.0MHz Total(E2-YZ), Max= -3.51dBi



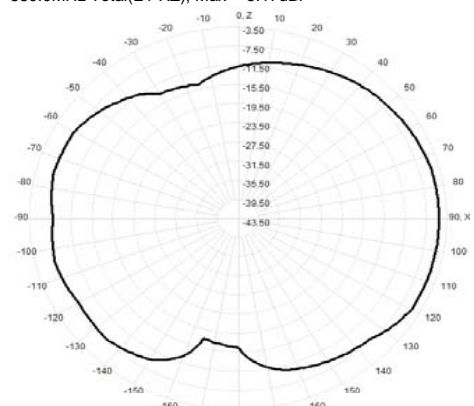
Total(H-XY), Max= -3.42dBi, CirD=5.53



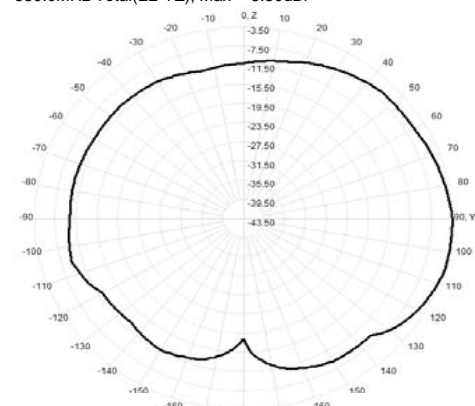
880.0MHz H+V, Eff: 18.6%



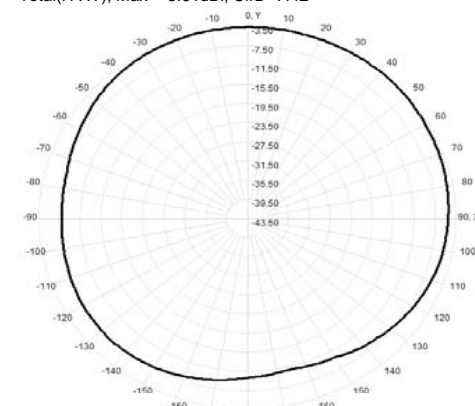
880.0MHz Total(E1-XZ), Max= -5.17dBi



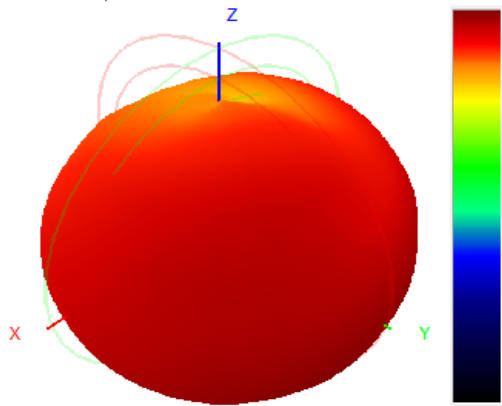
880.0MHz Total(E2-YZ), Max= -3.50dBi



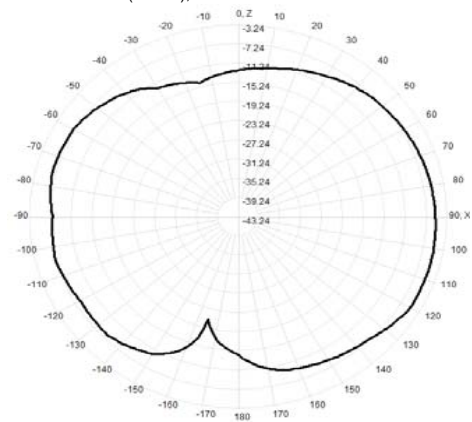
Total(H-XY), Max= -3.61dBi, CirD=7.42



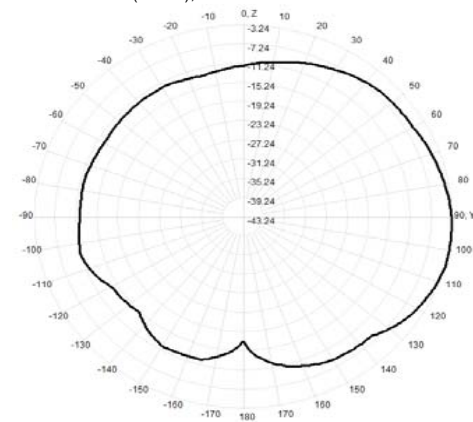
890.0MHz H+V, Eff: 17.8%



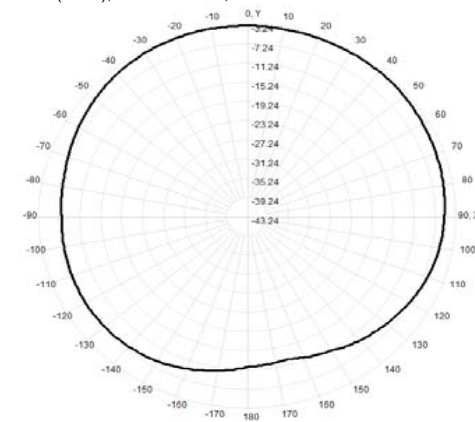
890.0MHz Total(E1-XZ), Max= -5.26dBi



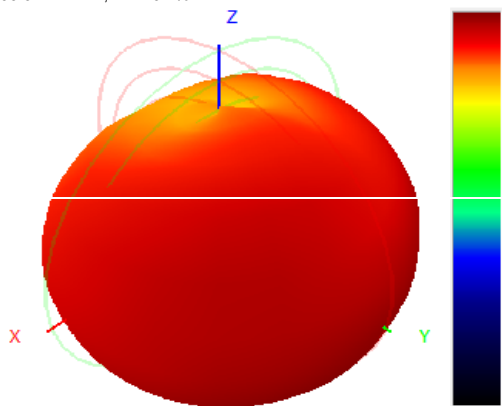
890.0MHz Total(E2-YZ), Max= -3.24dBi



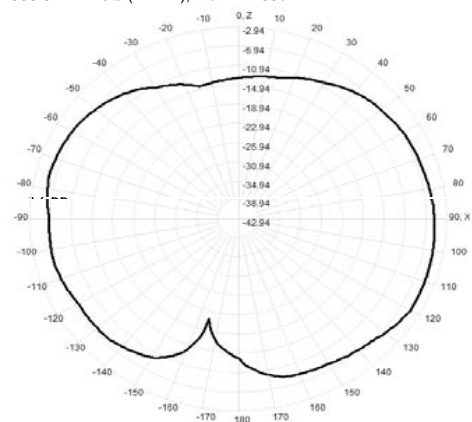
Total(H-XY), Max= -3.45dBi, CirD=9.18



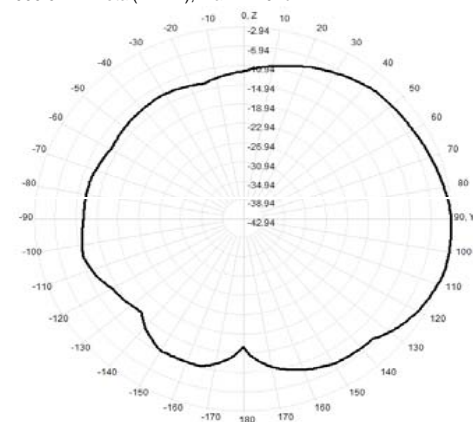
900.0MHz H+V, Eff: 19.1%



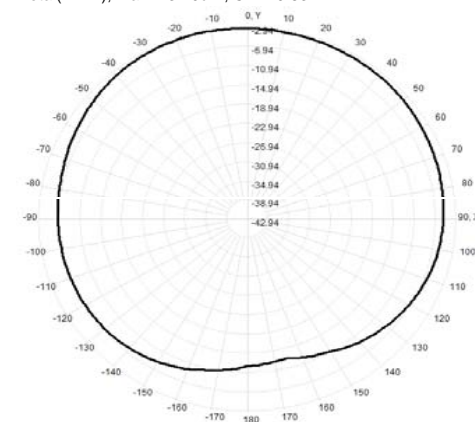
900.0MHz Total(E1-XZ), Max= -4.99dBi



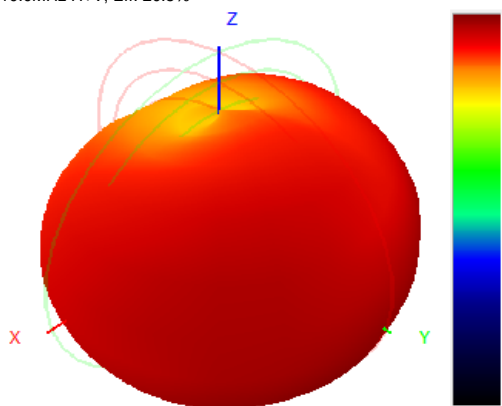
900.0MHz Total(E2-YZ), Max= -2.94dBi



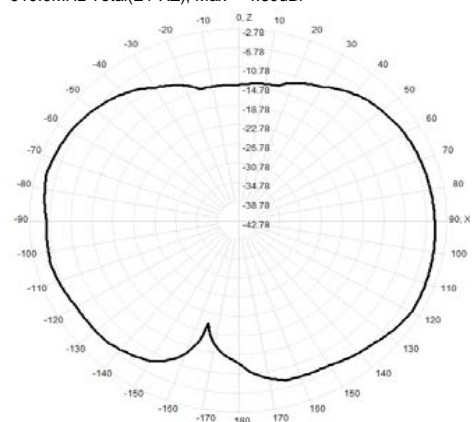
Total(H-XY), Max= -3.20dBi, CirD=9.83



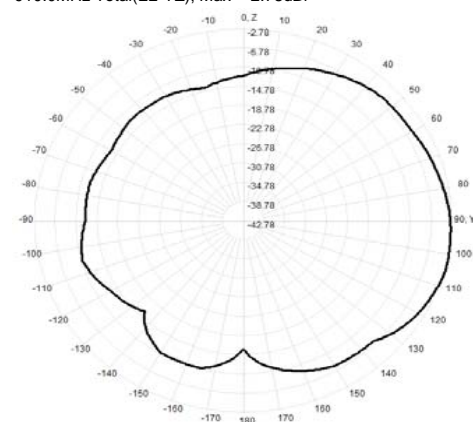
910.0MHz H+V, Eff: 20.5%



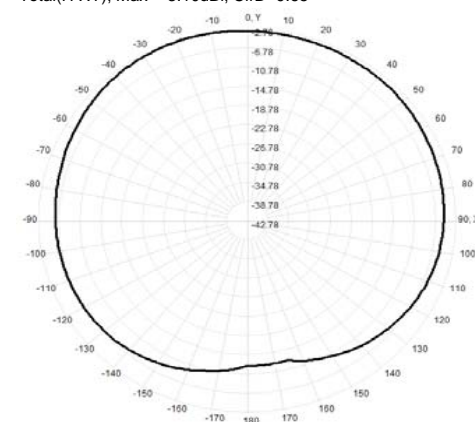
910.0MHz Total(E1-XZ), Max= -4.60dBi



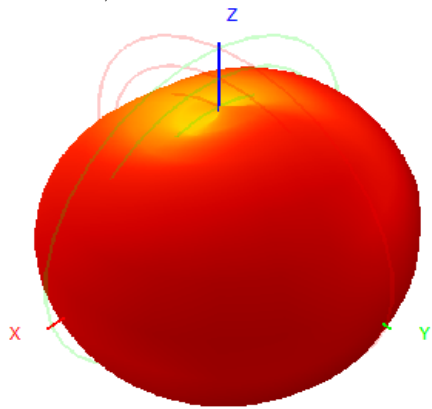
910.0MHz Total(E2-YZ), Max= -2.78dBi



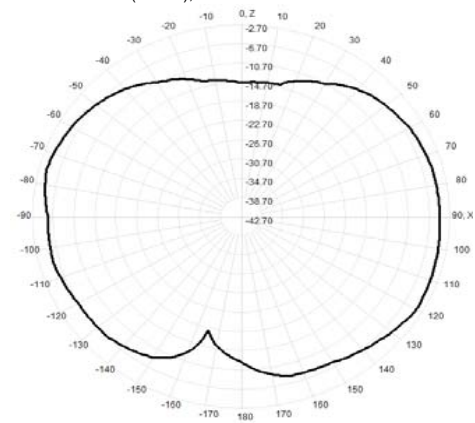
Total(H-XY), Max= -3.10dBi, CirD=9.65



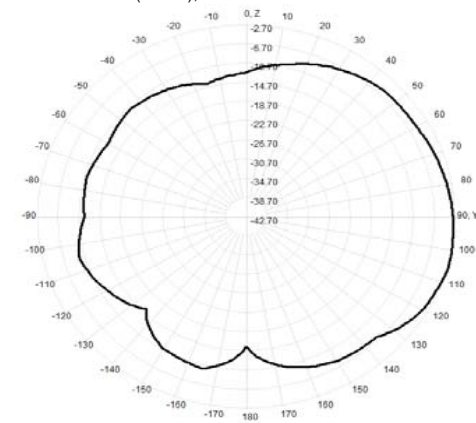
920.0MHz H+V, Eff: 22.5%



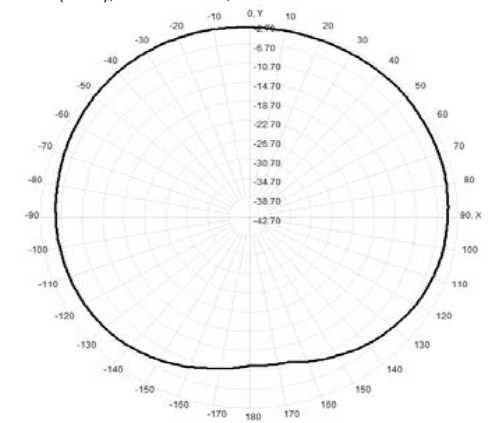
920.0MHz Total(E1-XZ), Max= -4.12dBi



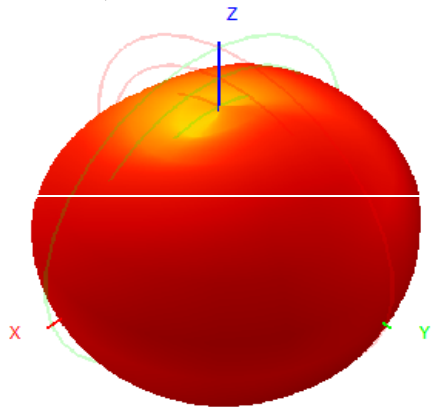
920.0MHz Total(E2-YZ), Max= -2.70dBi



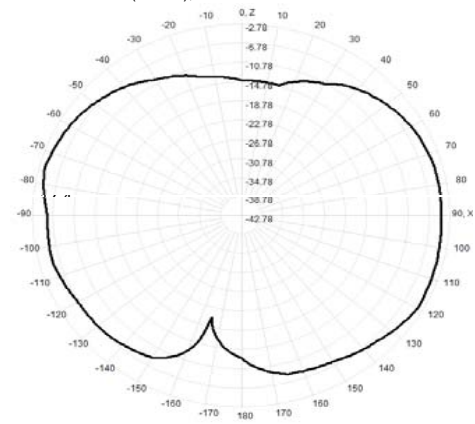
Total(H-XY), Max= -3.06dBi, CirD=8.68



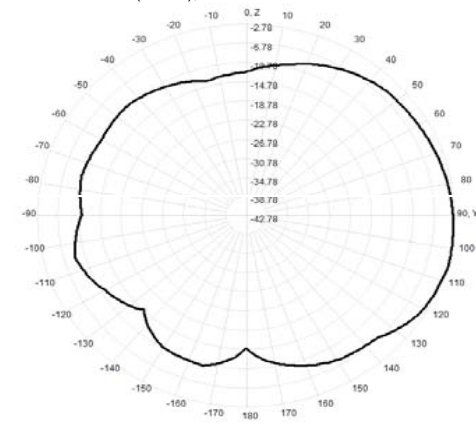
930.0MHz H+V, Eff: 23.3%



930.0MHz Total(E1-XZ), Max= -3.85dBi



930.0MHz Total(E2-YZ), Max= -2.78dBi



Total(H-XY), Max= -3.23dBi, CirD=8.10

