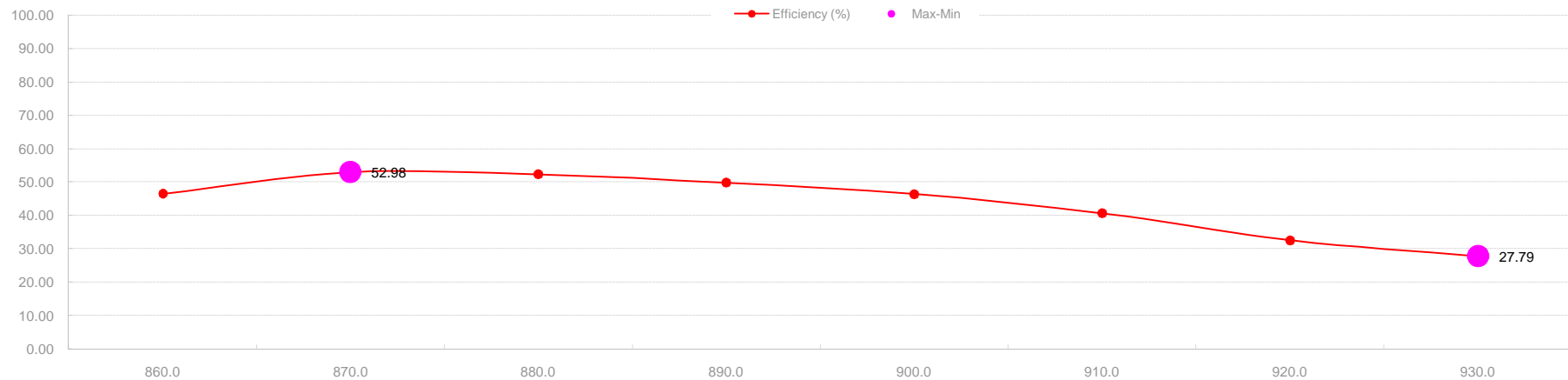
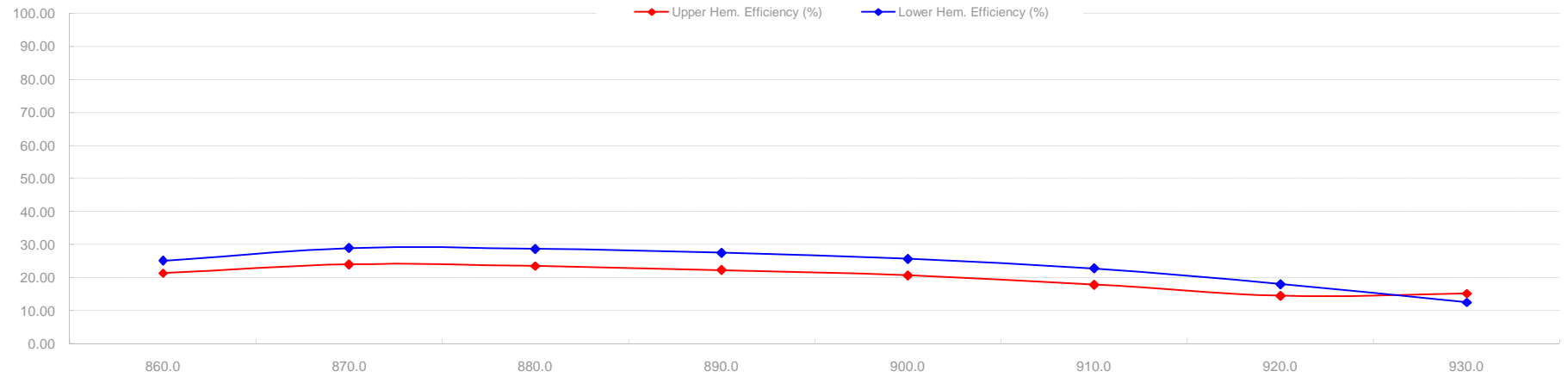
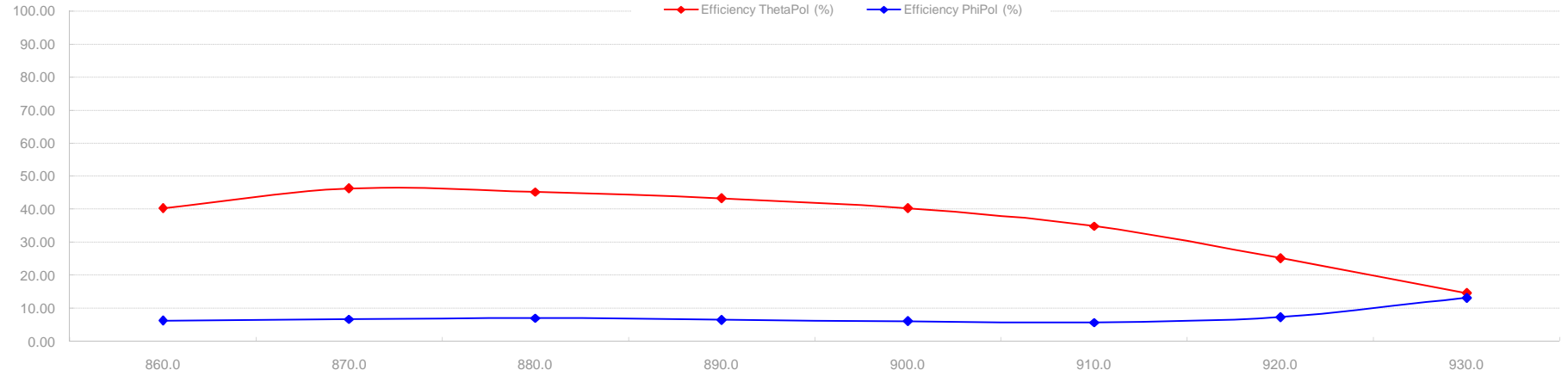
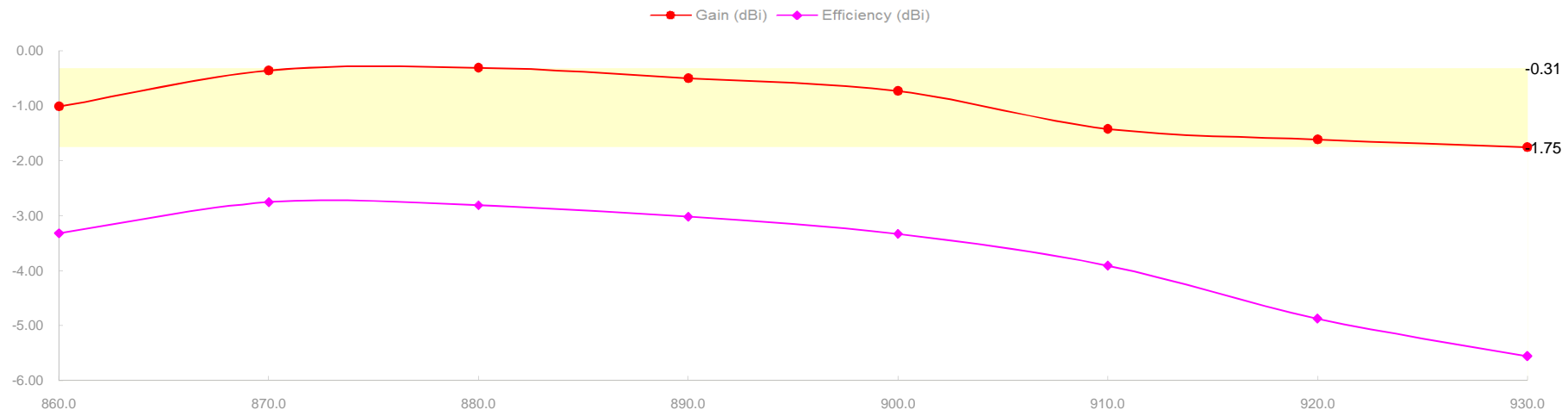




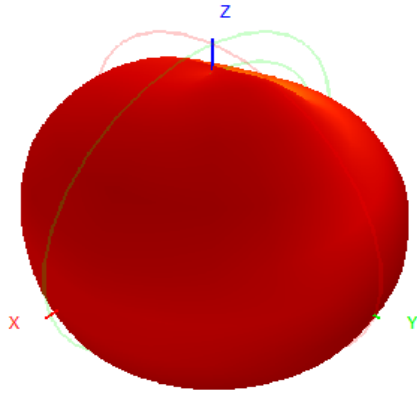
## M.gear

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)	-3.32	-2.76	-2.82	-3.02	-3.33	-3.91	-4.88	-5.56
Gain (dBi)	-1.02	-0.36	-0.31	-0.50	-0.73	-1.42	-1.62	-1.75
Efficiency (%)	46.52	52.98	52.29	49.84	46.40	40.62	32.53	27.79
Directivity (dB)	2.31	2.40	2.51	2.52	2.60	2.49	3.26	3.81
Peak Gain Position (Theta)	105.00	105.00	105.00	105.00	105.00	105.00	75.00	75.00
Peak Gain Position (Phi)	225.00	225.00	225.00	225.00	225.00	240.00	60.00	75.00
Efficiency ThetaPol (%)	40.27	46.27	45.25	43.33	40.30	34.90	25.17	14.63
Efficiency PhiPol (%)	6.25	6.71	7.04	6.51	6.10	5.72	7.36	13.17
Upper Hem. Efficiency (%)	21.41	24.04	23.56	22.30	20.71	17.87	14.50	15.23
Lower Hem. Efficiency (%)	25.11	28.94	28.72	27.54	25.69	22.76	18.03	12.56
T90(H)roundness	3.26	3.18	3.24	3.28	3.52	4.18	7.29	13.49
Gain 15deg (dBi)								
E1(XZ)beam width	151.00	151.00	73.00	116.00	109.00	106.00	105.00	156.00
E1(XZ)front-to-rear ratio	1.59	1.58	1.46	1.54	1.77	1.95	2.02	2.77
E2(YZ)beam width	155.00	153.00	123.00	107.00	103.00	96.00	101.00	137.00
E2(YZ)front-to-rear ratio	1.75	1.51	1.27	1.19	0.94	0.94	1.38	5.03
Maximum benefit axis ratio	25.54	27.48	28.46	25.68	25.64	19.65	10.09	16.89
peak(Theta=0)Axial ratio(P)	22.36	26.01	52.86	26.10	19.50	30.74	18.21	13.21
elevation 10° axial ratio(P)	52.14	53.36	51.92	66.79	59.08	51.38	59.27	60.30
Hc(XY)beam width	336.00	339.00	336.00	332.00	317.00	286.00	197.00	145.00
Hc(XY)front-to-rear ratio	1.83	1.91	1.84	1.81	1.64	1.99	4.30	8.48
Left-handed circular polarization efficiency (%)	25.01	28.15	28.25	26.62	24.49	20.20	14.56	12.52
Right handed circular polarization efficiency (%)	21.51	24.83	24.03	23.22	21.91	20.42	17.97	15.27
Empty								

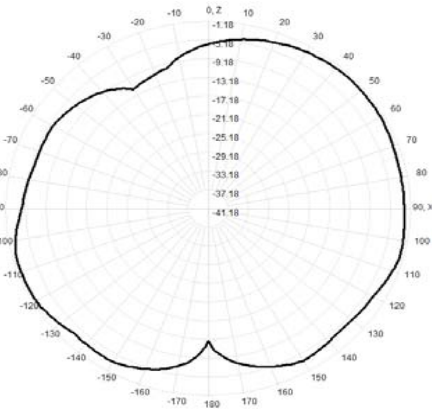




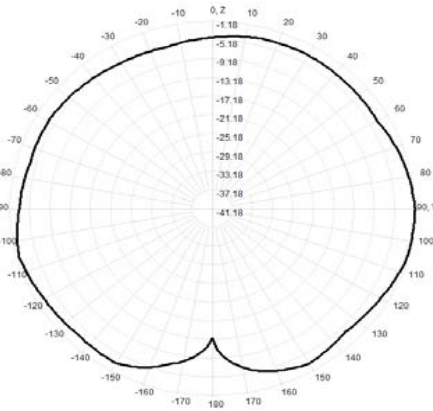
860.0MHz H+V, Eff: 46.5%



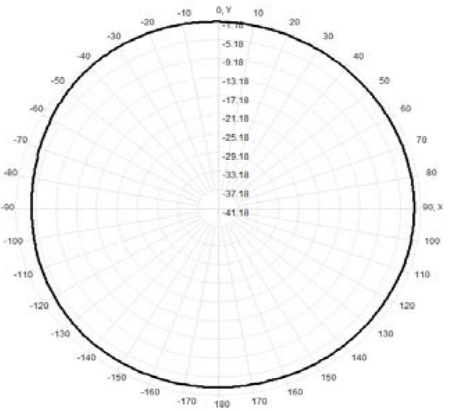
860.0MHz Total(E1-XZ), Max= -1.88dBi



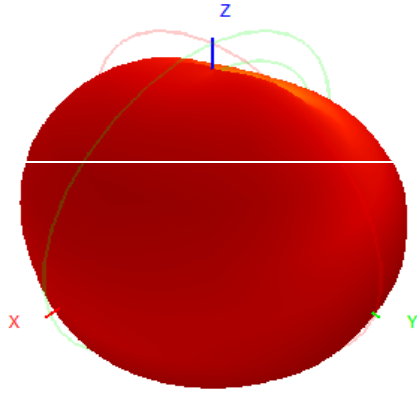
860.0MHz Total(E2-YZ), Max= -1.30dBi



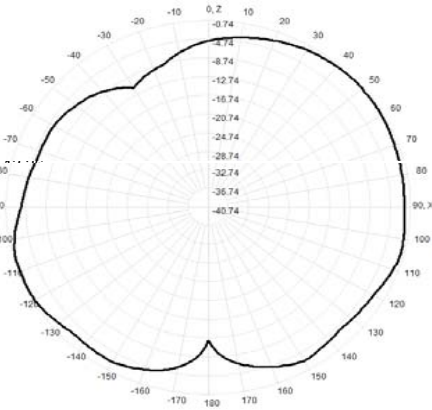
Total(H-XY), Max= -1.18dBi, CirD=3.26



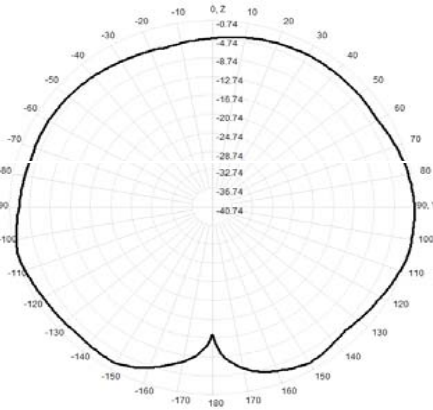
870.0MHz H+V, Eff: 53.0%



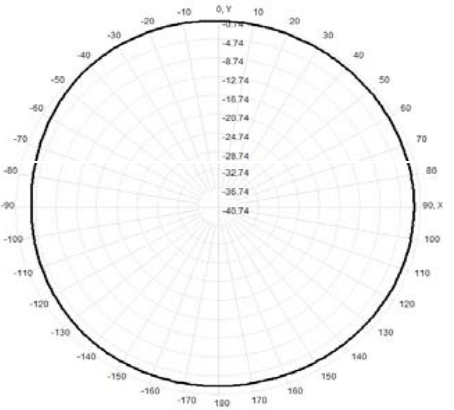
870.0MHz Total(E1-XZ), Max= -1.15dBi



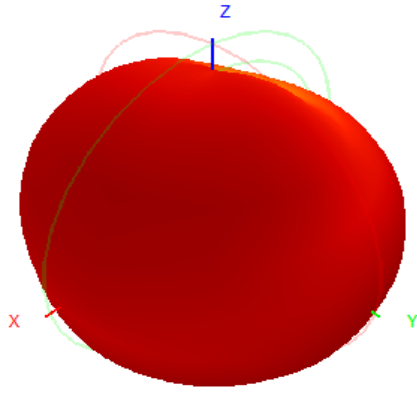
870.0MHz Total(E2-YZ), Max= -0.88dBi



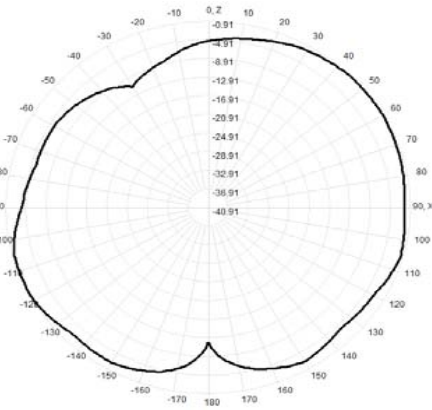
Total(H-XY), Max= -0.74dBi, CirD=3.18



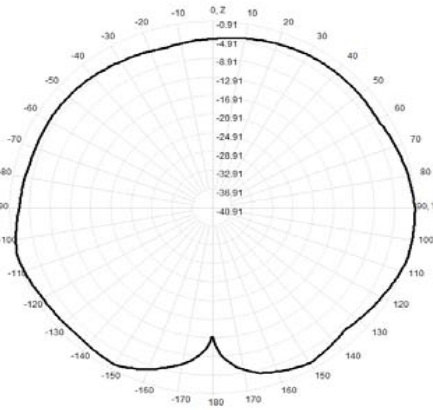
880.0MHz H+V, Eff: 52.3%



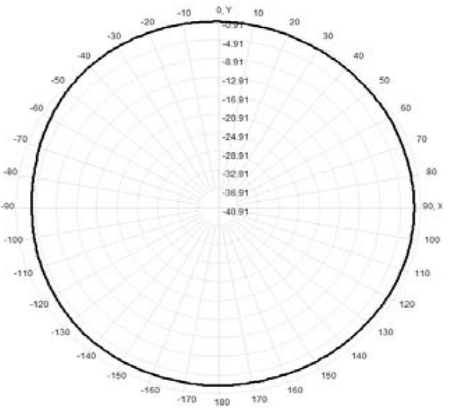
880.0MHz Total(E1-XZ), Max= -1.14dBi



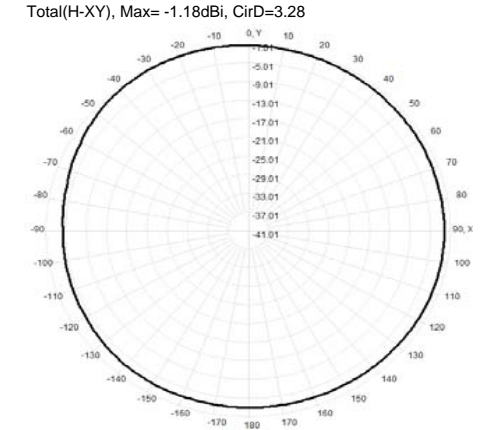
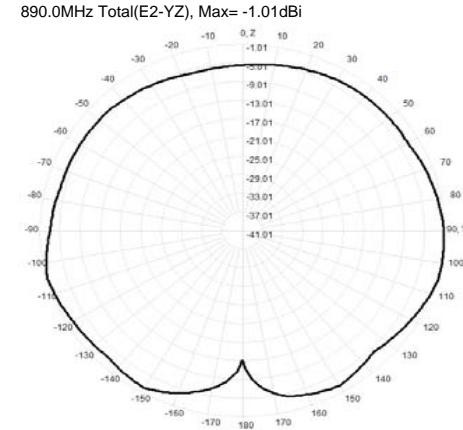
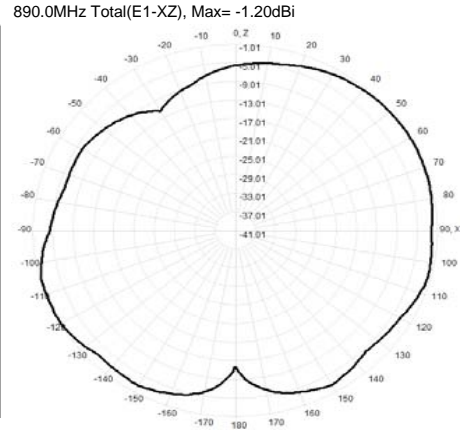
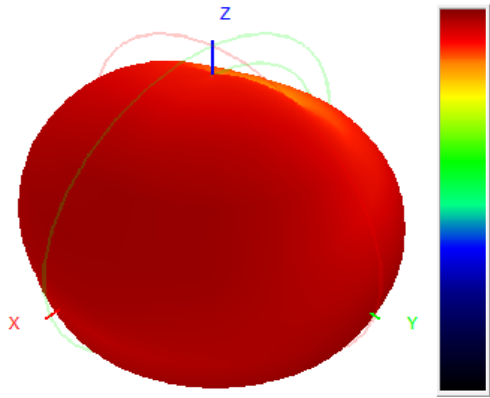
880.0MHz Total(E2-YZ), Max= -0.91dBi



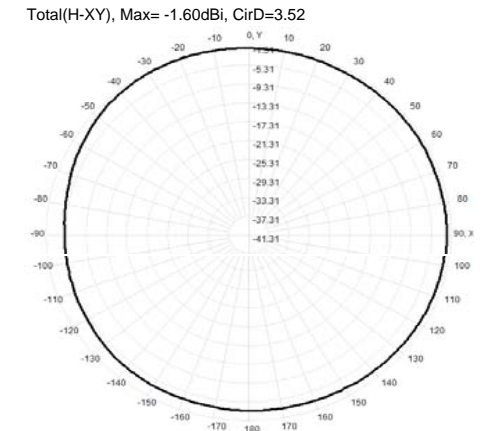
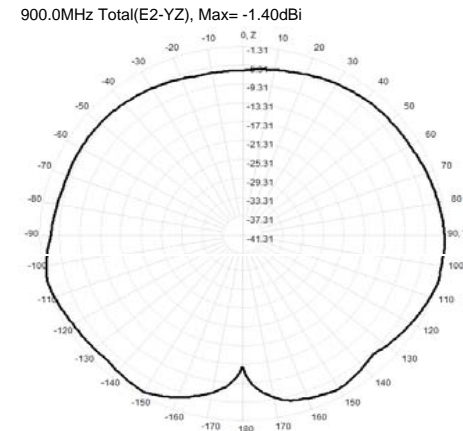
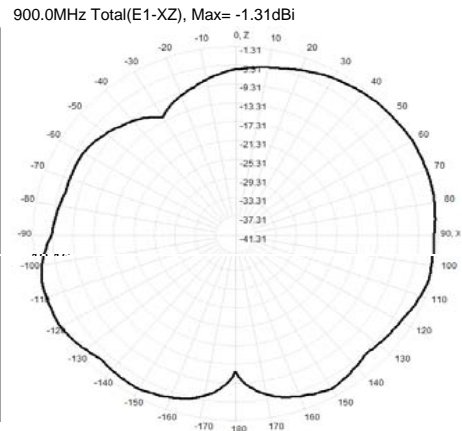
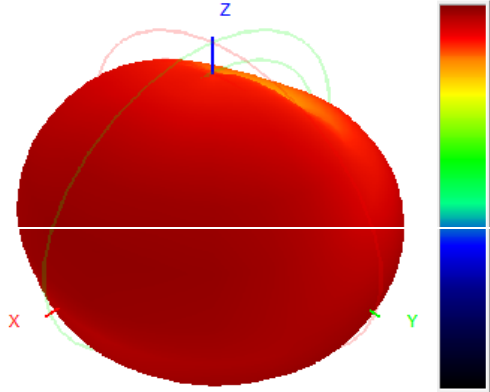
Total(H-XY), Max= -0.93dBi, CirD=3.24



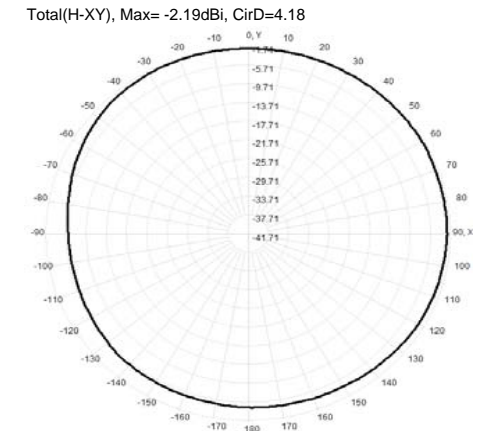
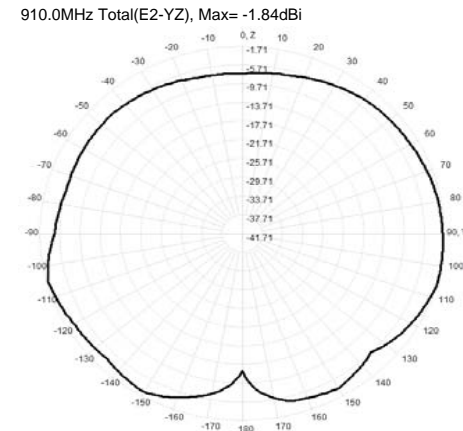
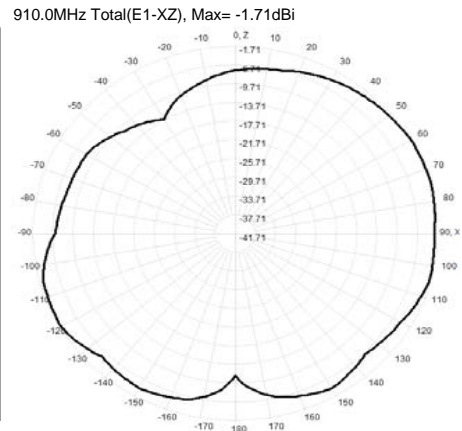
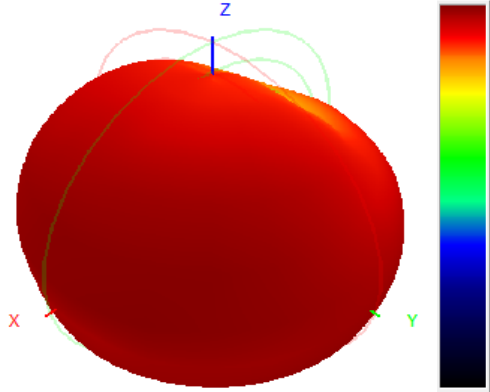
890.0MHz H+V, Eff: 49.8%



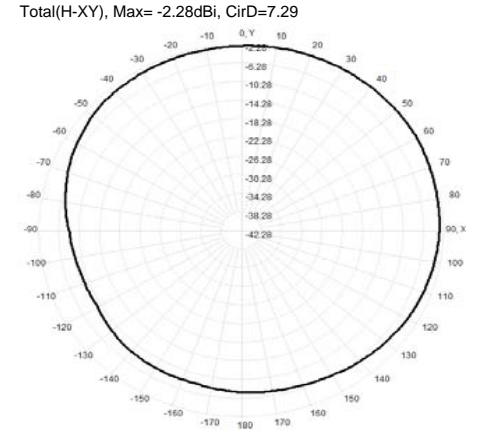
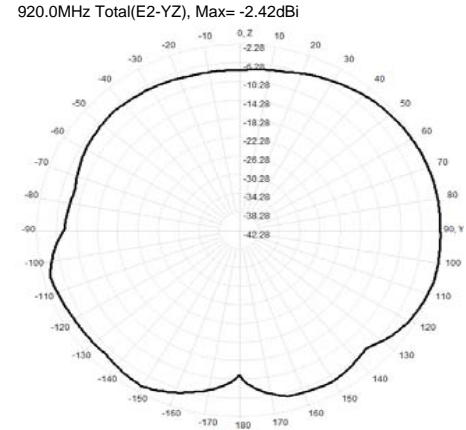
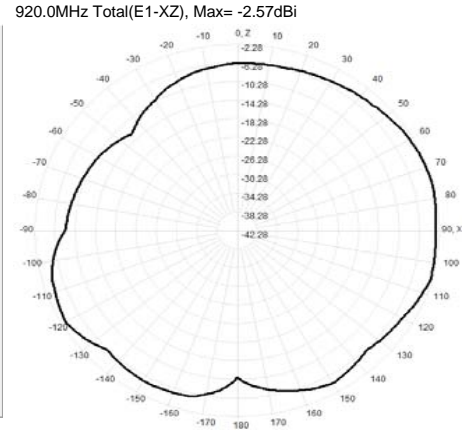
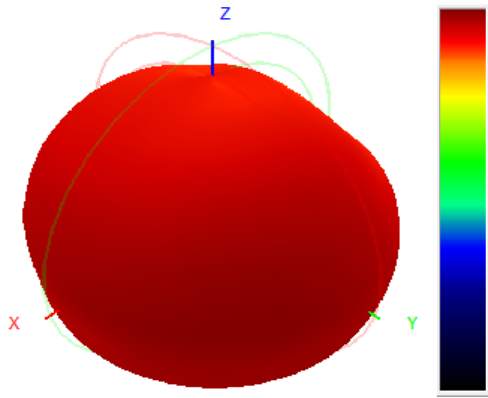
900.0MHz H+V, Eff: 46.4%



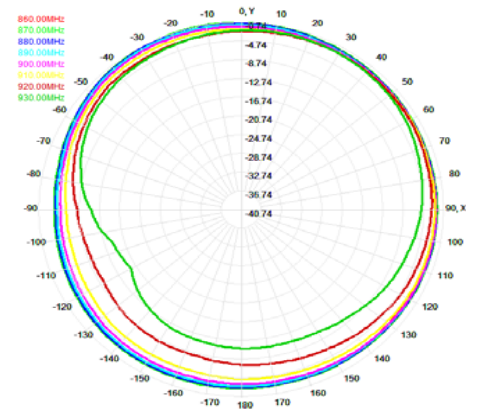
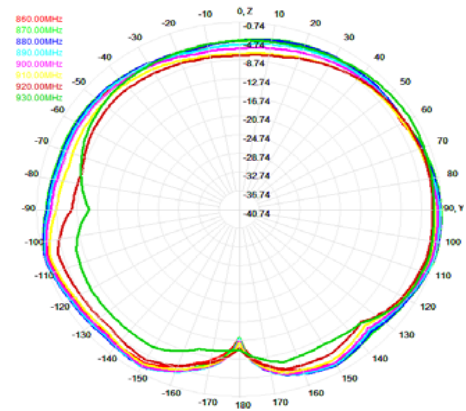
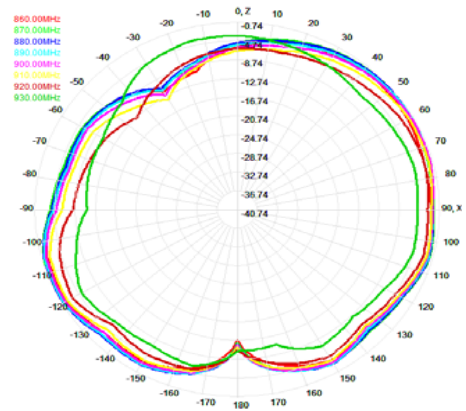
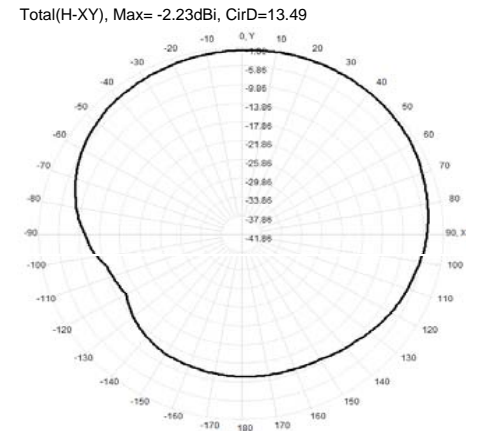
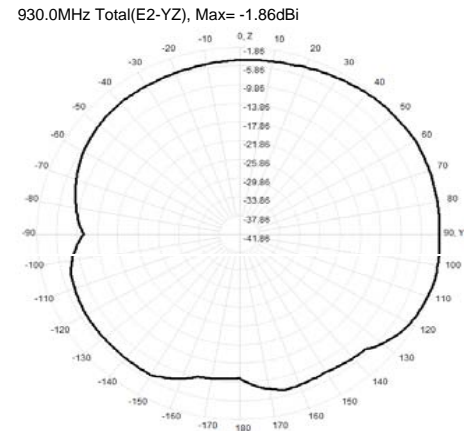
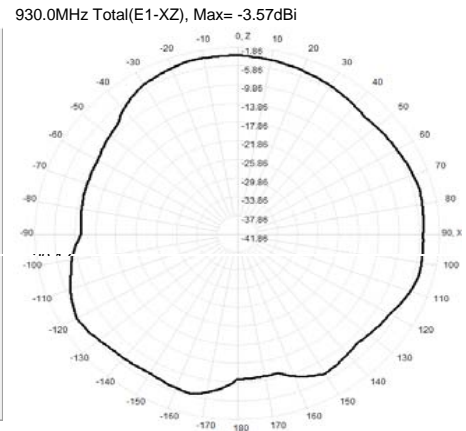
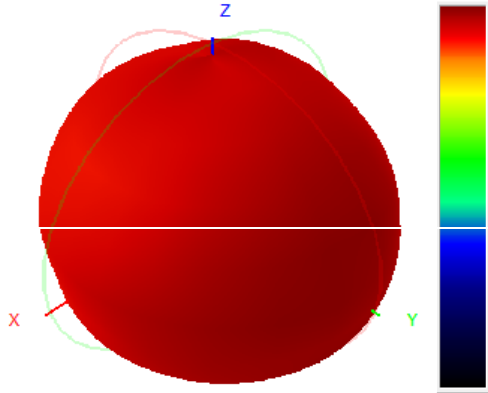
910.0MHz H+V, Eff: 40.6%



920.0MHz H+V, Eff: 32.5%



930.0MHz H+V, Eff: 27.8%



Antenna

