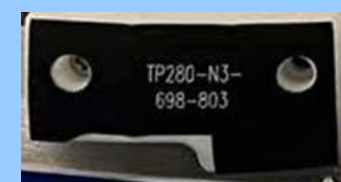
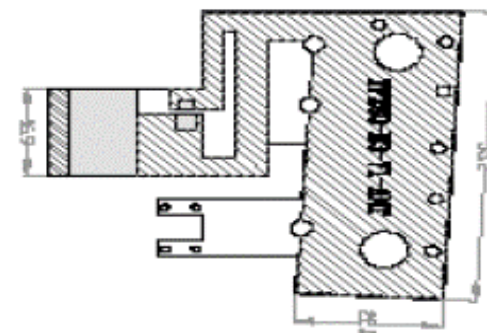




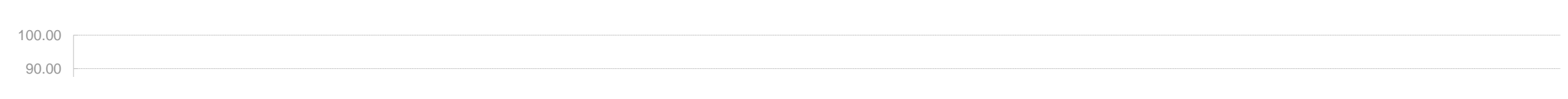
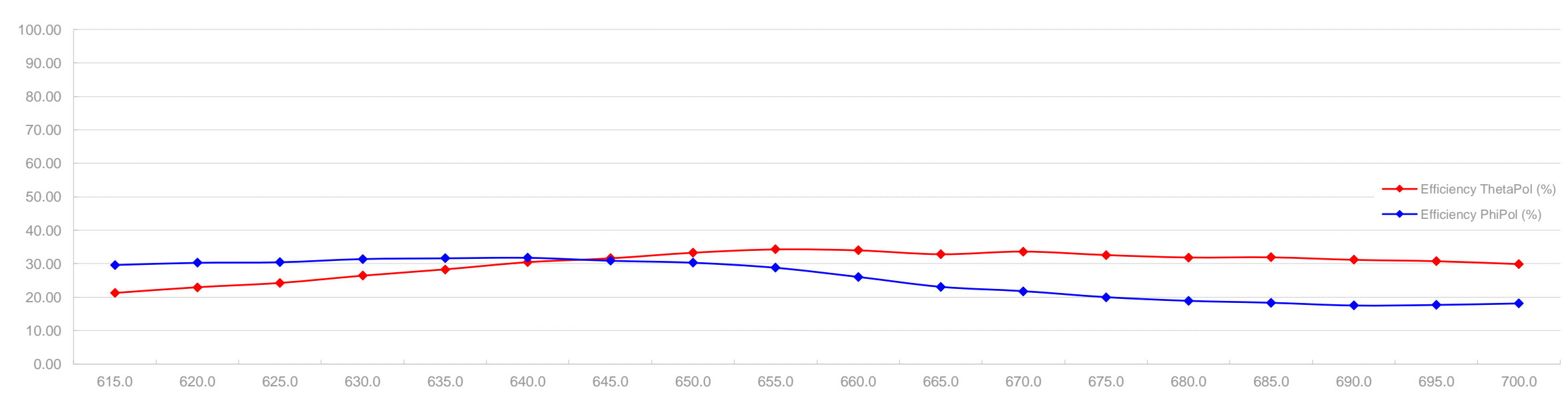
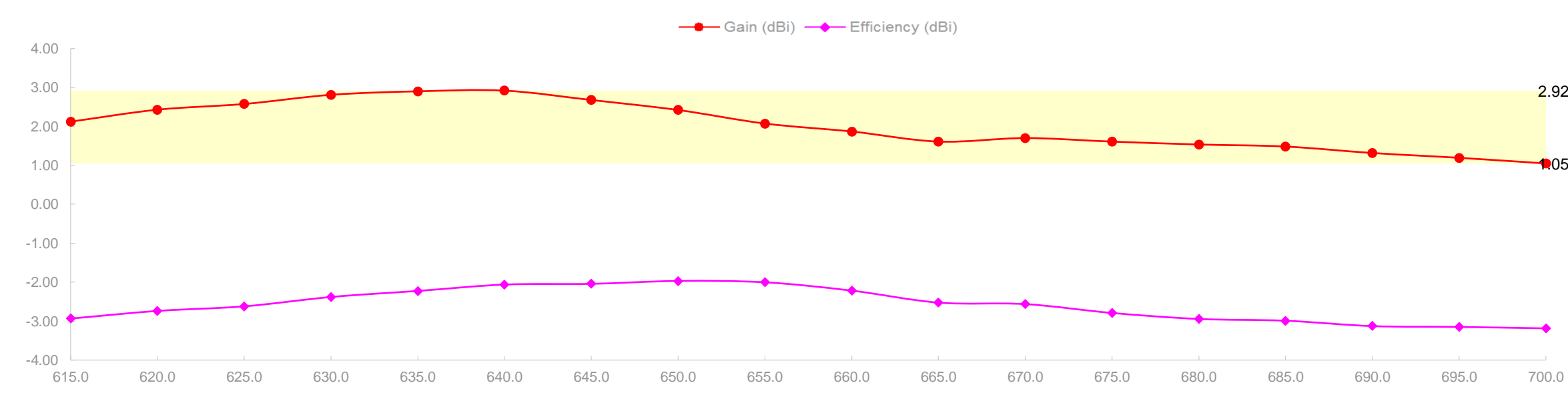
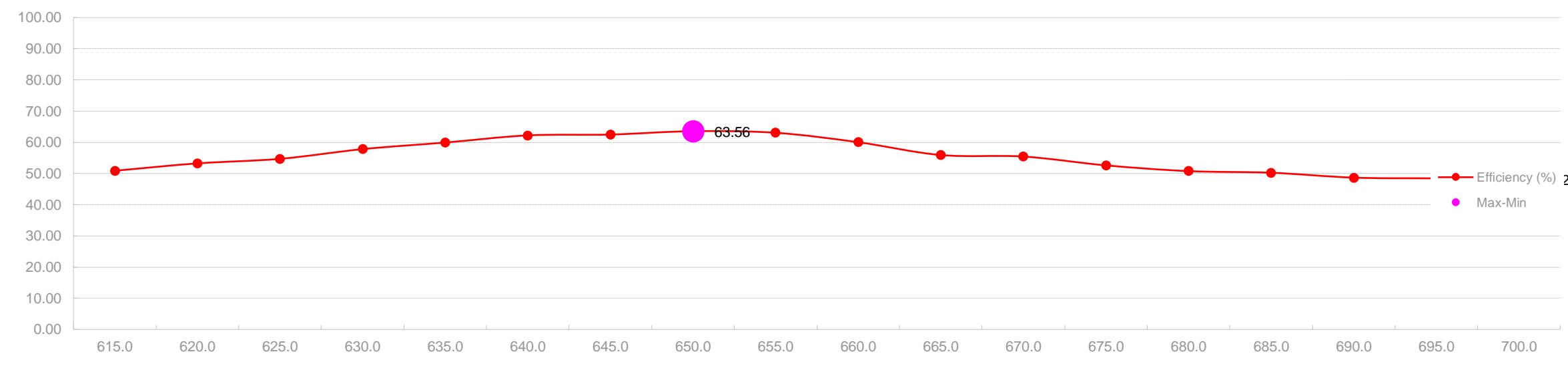
天频智能

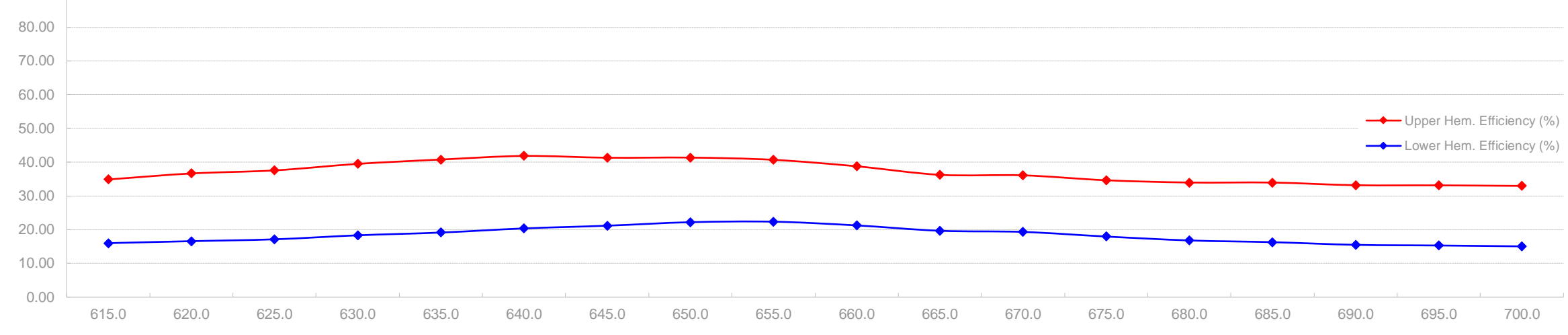


Dimension--mm

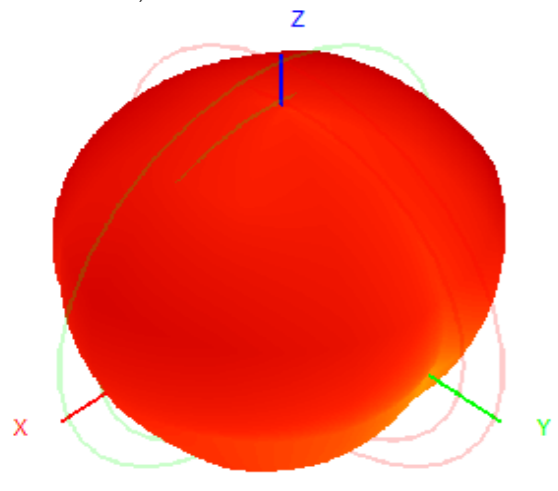


Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Frequency (MHz)	615.0	620.0	625.0	630.0	635.0	640.0	645.0	650.0	655.0	660.0	665.0	670.0	675.0	680.0	685.0	690.0	695.0	700.0
Efficiency (dBi)	-2.93	-2.74	-2.62	-2.38	-2.22	-2.06	-2.04	-1.97	-2.00	-2.22	-2.52	-2.56	-2.79	-2.94	-2.99	-3.13	-3.15	-3.19
Gain (dBi)	2.12	2.43	2.58	2.81	2.90	2.92	2.68	2.42	2.07	1.87	1.61	1.70	1.61	1.54	1.48	1.32	1.19	1.05
Efficiency (%)	50.88	53.24	54.70	57.81	59.92	62.21	62.49	63.56	63.05	60.03	55.92	55.43	52.60	50.77	50.24	48.67	48.43	48.02
Directivity (dB)	5.06	5.17	5.20	5.19	5.12	4.98	4.72	4.39	4.08	4.09	4.13	4.26	4.40	4.48	4.47	4.44	4.34	4.23
Peak Gain Position (Theta)	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
Peak Gain Position (Phi)	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	240.00	240.00	240.00	240.00	240.00	240.00	240.00	240.00
Efficiency ThetaPol (%)	21.26	22.98	24.26	26.43	28.32	30.45	31.61	33.28	34.27	33.98	32.82	33.63	32.59	31.86	31.91	31.16	30.75	29.88
Efficiency PhiPol (%)	29.62	30.27	30.43	31.39	31.61	31.76	30.88	30.28	28.78	26.05	23.10	21.80	20.01	18.91	18.33	17.51	17.68	18.14
Upper Hem. Efficiency (%)	34.88	36.65	37.56	39.49	40.78	41.85	41.32	41.35	40.69	36.25	36.10	34.64	33.97	33.95	33.17	33.13	32.97	
Lower Hem. Efficiency (%)	16.01	16.59	17.14	18.32	19.14	20.37	21.17	22.21	22.36	21.26	19.67	19.33	17.96	16.80	16.29	15.50	15.30	15.05
T90(H)圆度	7.31	6.86	6.28	5.46	4.40	3.70	3.51	3.59	3.59	3.52	3.63	3.92	4.37	4.80	5.04	5.17	5.37	5.85
Gain 15deg (dBi)																		
E1(XZ)波瓣宽度	70.00	68.00	67.00	66.00	66.00	69.00	75.00	84.00	100.00	109.00	112.00	112.00	108.00	100.00	93.00	87.00	83.00	78.00
E1(XZ)前后比	5.64	5.41	5.23	5.08	4.90	4.51	3.88	3.17	2.56	2.26	2.22	2.37	2.59	2.88	3.34	3.96	4.33	4.47
E2(YZ)波瓣宽度	103.00	100.00	100.00	98.00	93.00	91.00	91.00	93.00	95.00	97.00	97.00	98.00	101.00	109.00	127.00	168.00	170.00	131.00
E2(YZ)前后比	5.62	5.73	5.71	5.59	5.53	5.51	5.49	5.54	5.64	5.80	6.01	6.15	6.27	6.31	6.15	6.11	5.83	5.72
最大增益处轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
仰角10度最差(大)轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Hc(XY)波瓣宽度	74.00	75.00	77.00	80.00	85.00	132.00	139.00	142.00	139.00	133.00	191.00	171.00	107.00	102.00	151.00	151.00	154.00	154.00
Hc(XY)前后比	0.00	0.00	0.00	0.00	0.00	0.13	0.40	0.69	0.95	1.15	1.34	1.59	1.81	1.88	1.74	1.56	1.53	1.52
Empty																		

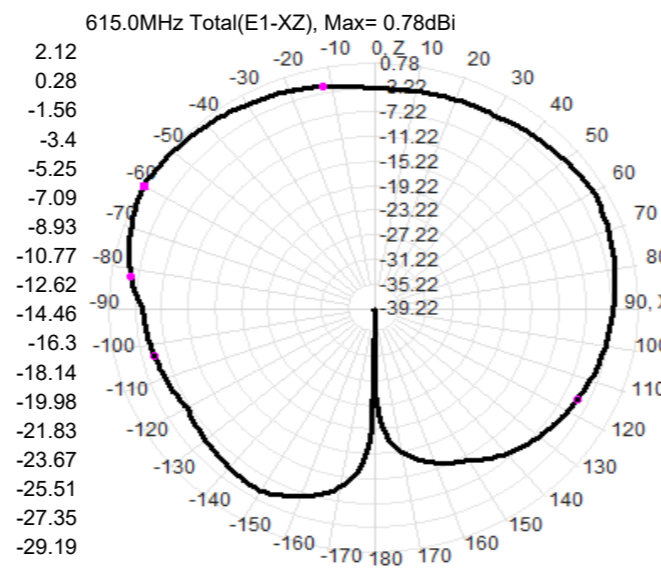
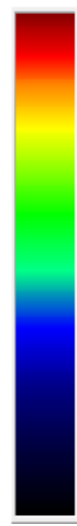
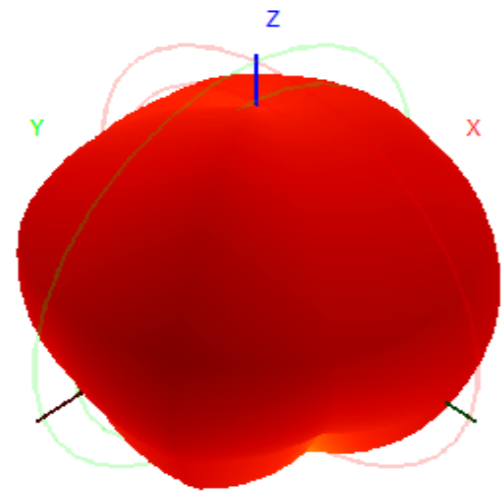




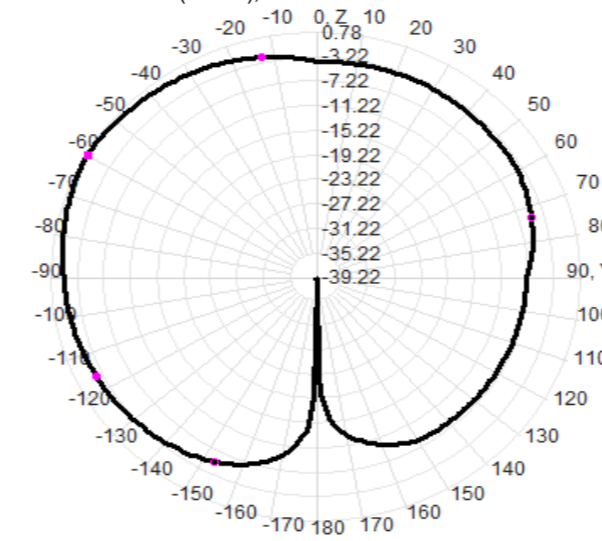
615.0MHz H+V, Eff: 50.9%



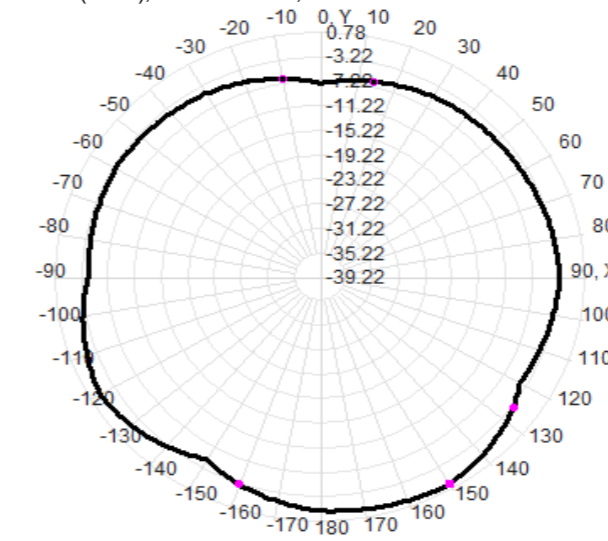
Back View



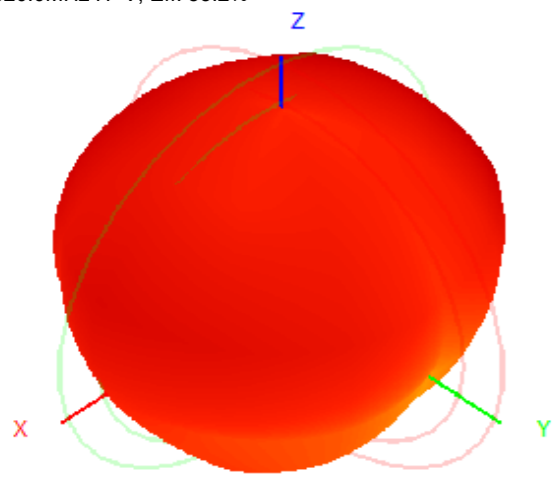
615.0MHz Total(E2-YZ), Max= 0.59dBi



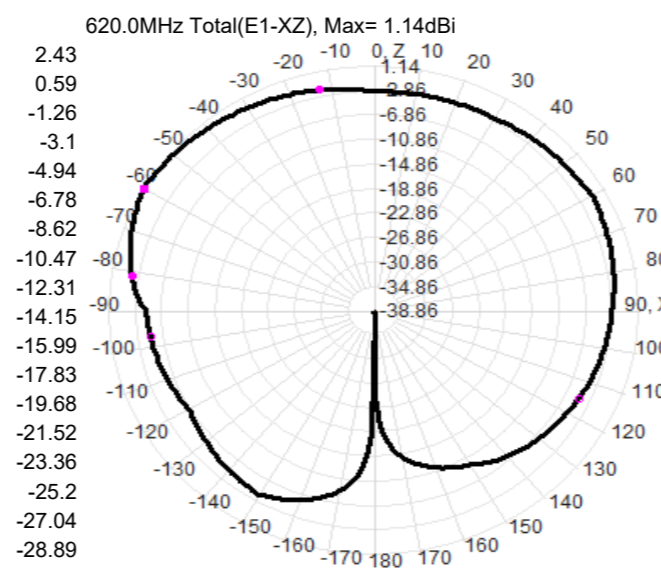
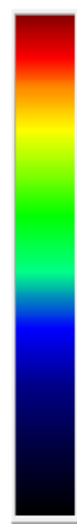
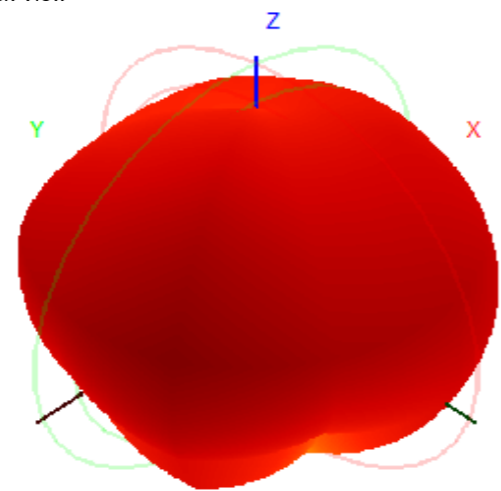
Total(H-XY), Max=-0.29dBi, CirD=7.31



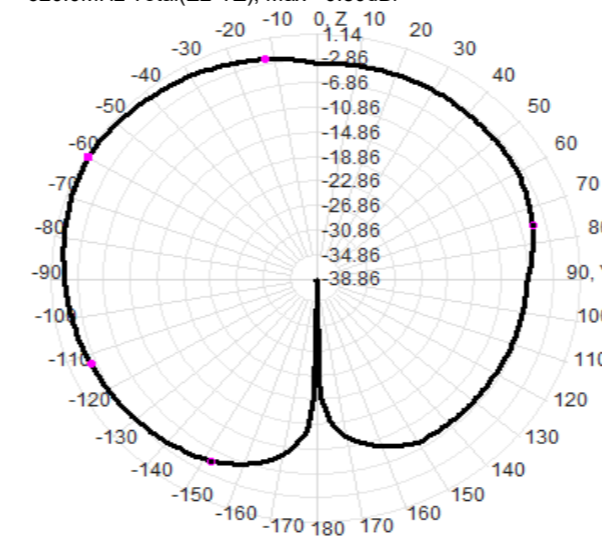
620.0MHz H+V, Eff: 53.2%



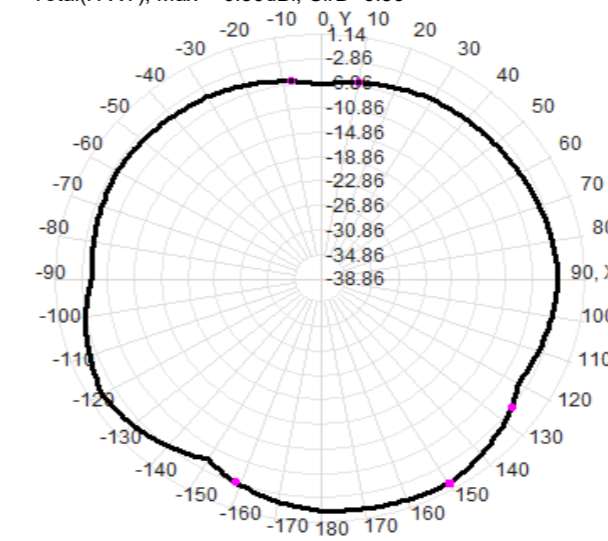
Back View



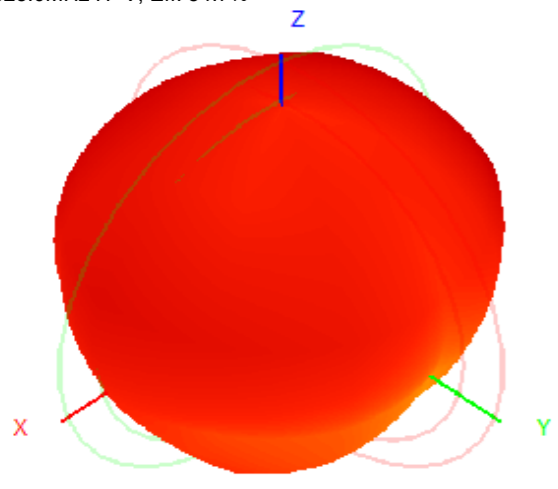
620.0MHz Total(E2-YZ), Max= 0.80dBi



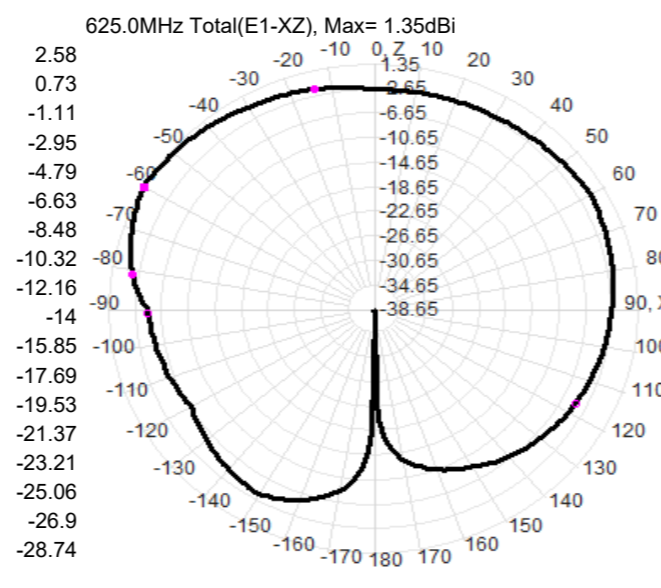
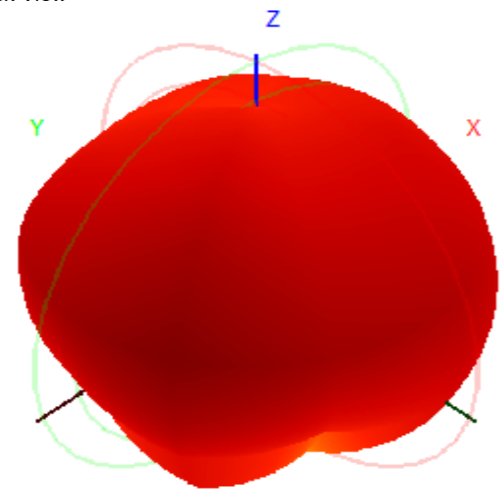
Total(H-XY), Max=-0.30dBi, CirD=6.86



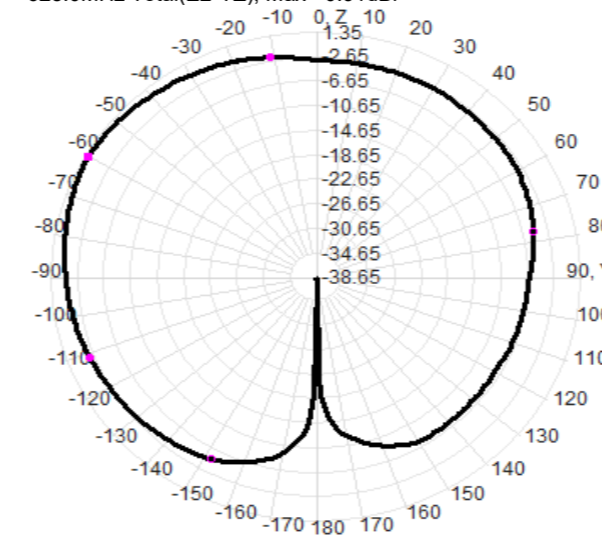
625.0MHz H+V, Eff: 54.7%



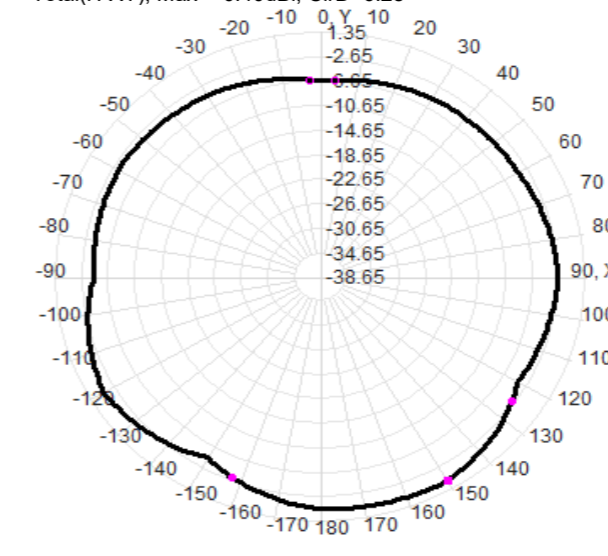
Back View



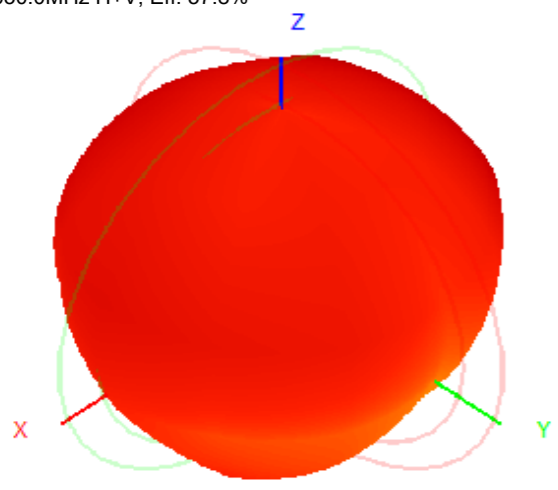
625.0MHz Total(E2-YZ), Max= 0.91dBi



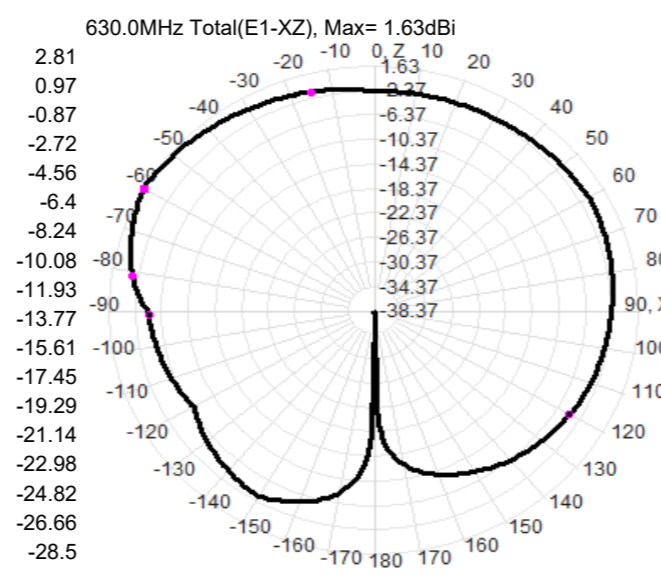
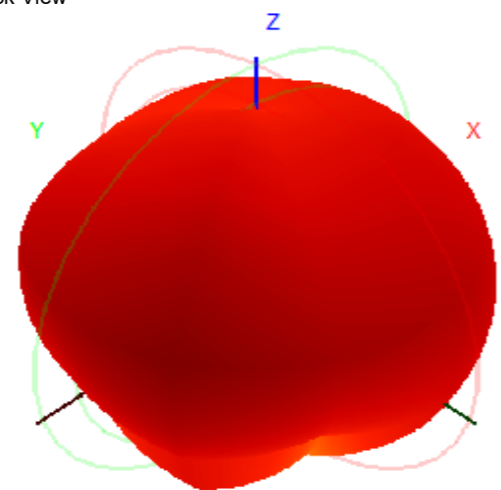
Total(H-XY), Max=-0.40dBi, CirD=6.28



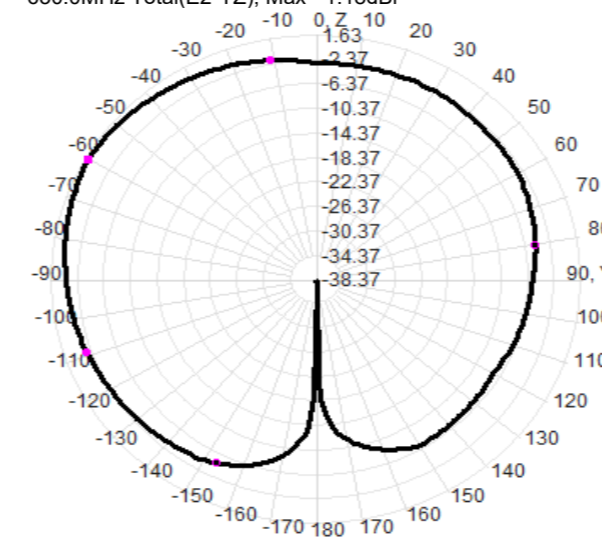
630.0MHz H+V, Eff: 57.8%



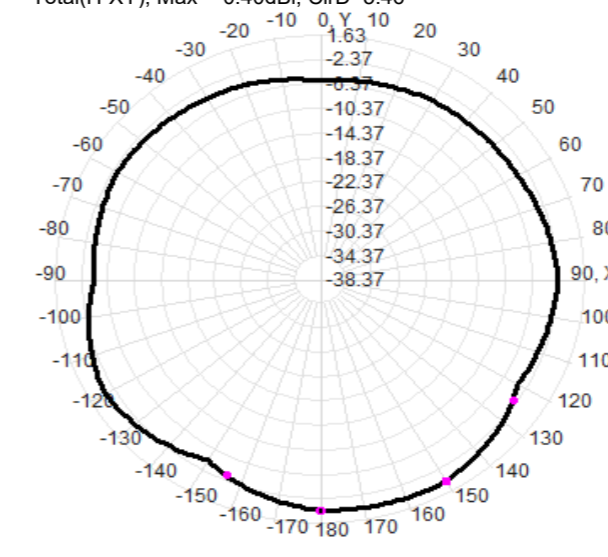
Back View



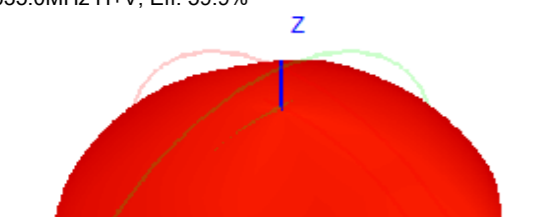
630.0MHz Total(E2-YZ), Max= 1.18dBi



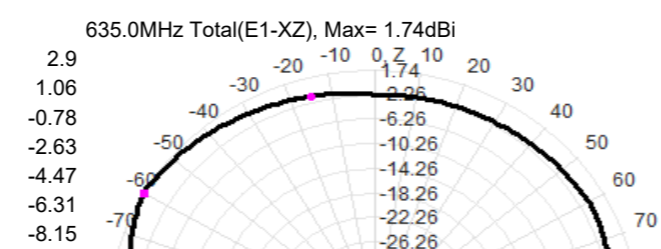
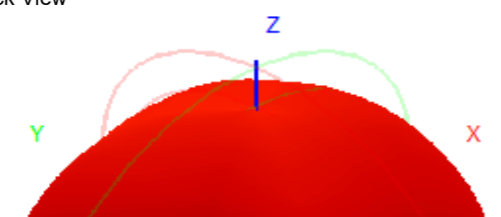
Total(H-XY), Max=-0.40dBi, CirD=5.46



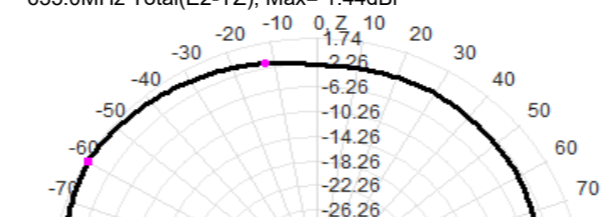
635.0MHz H+V, Eff: 59.9%



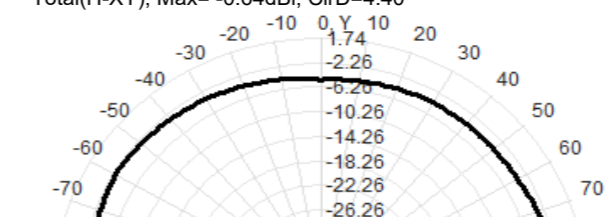
Back View

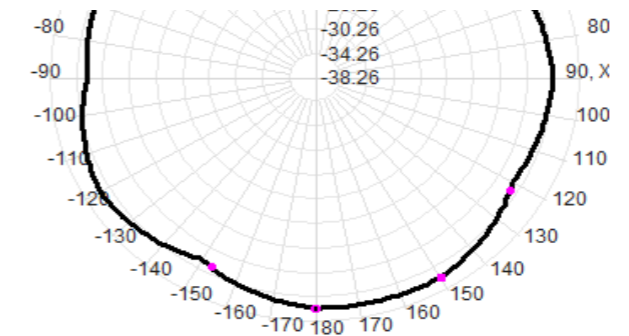
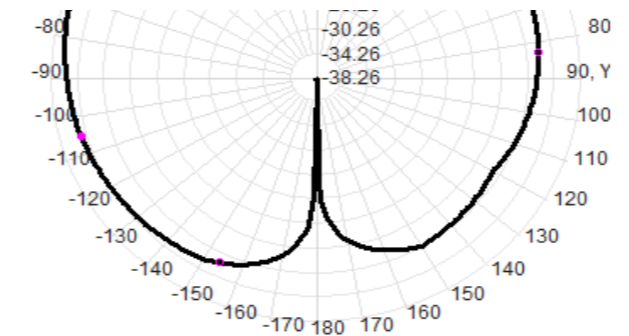
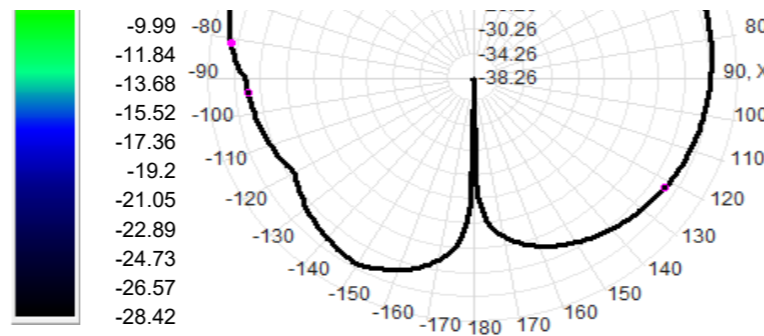
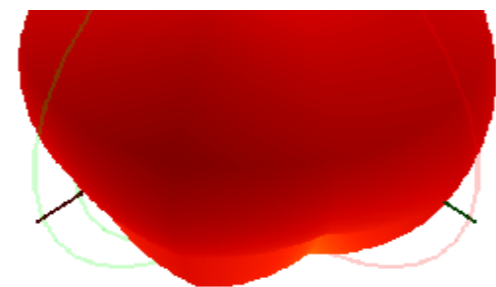
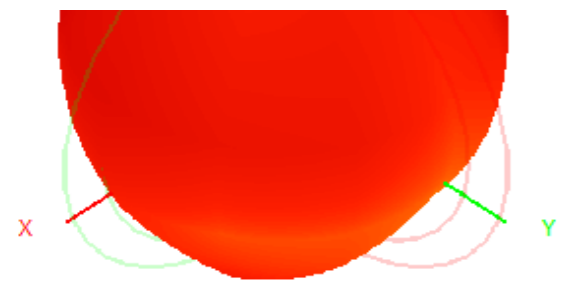


635.0MHz Total(E2-YZ), Max= 1.44dBi



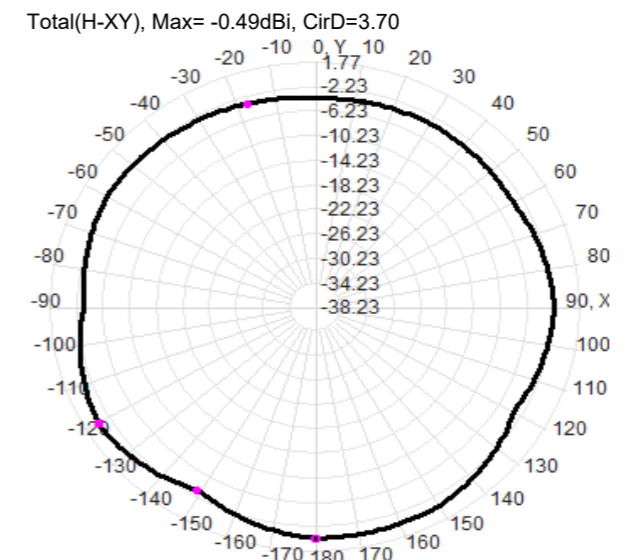
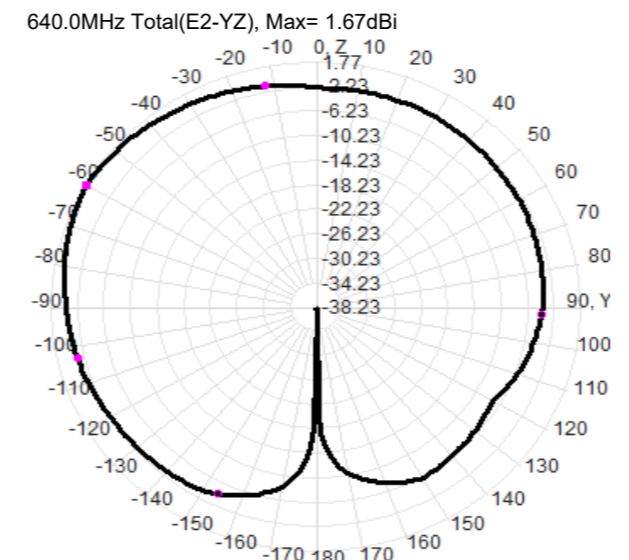
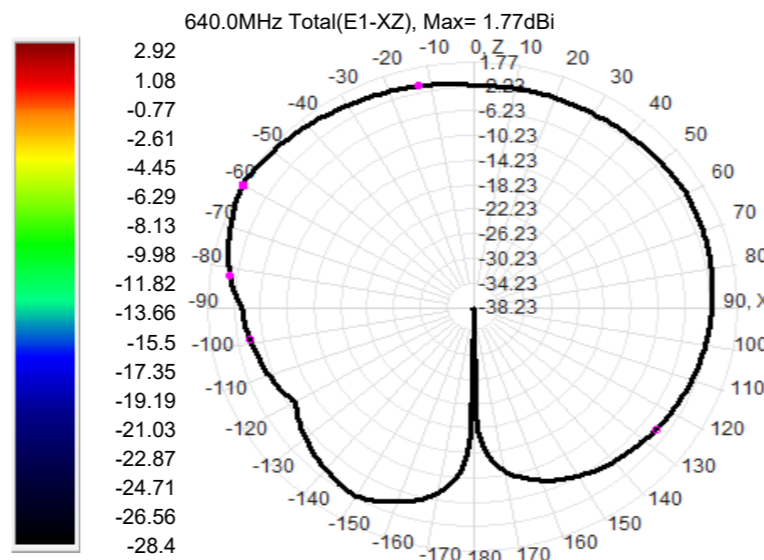
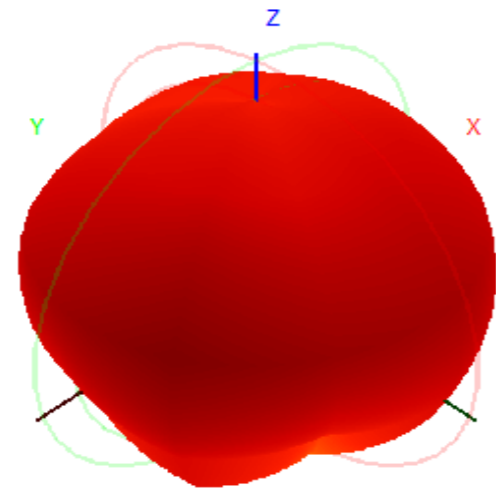
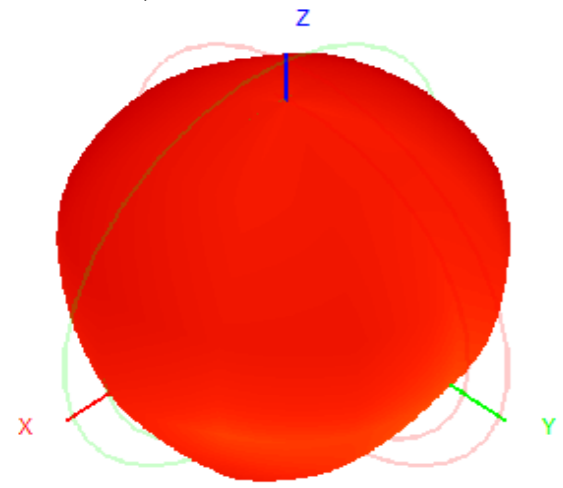
Total(H-XY), Max=-0.64dBi, CirD=4.40





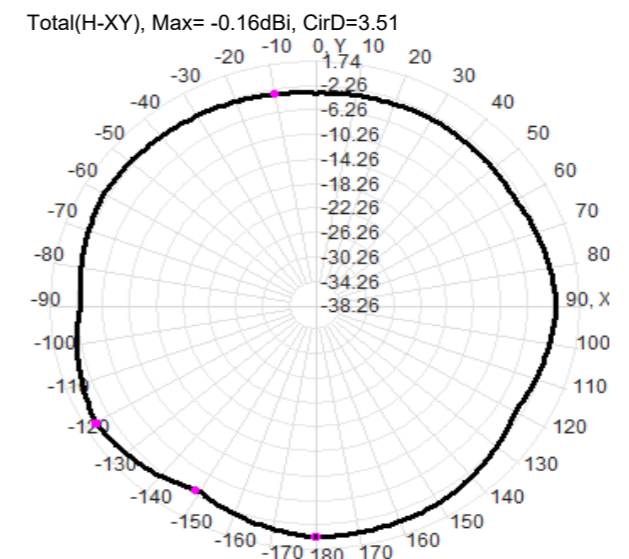
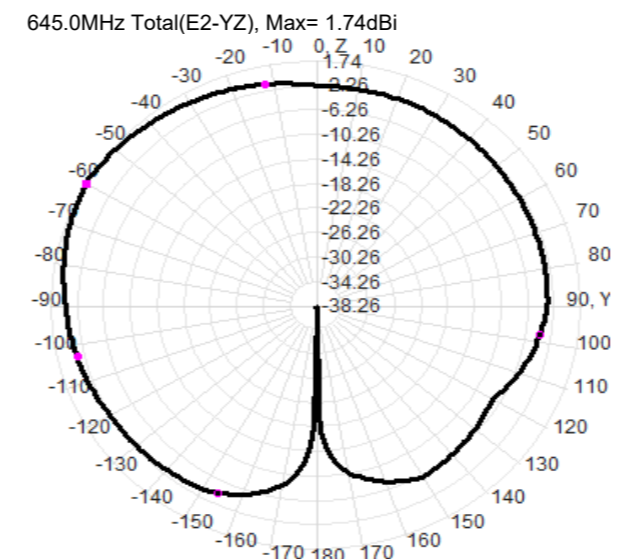
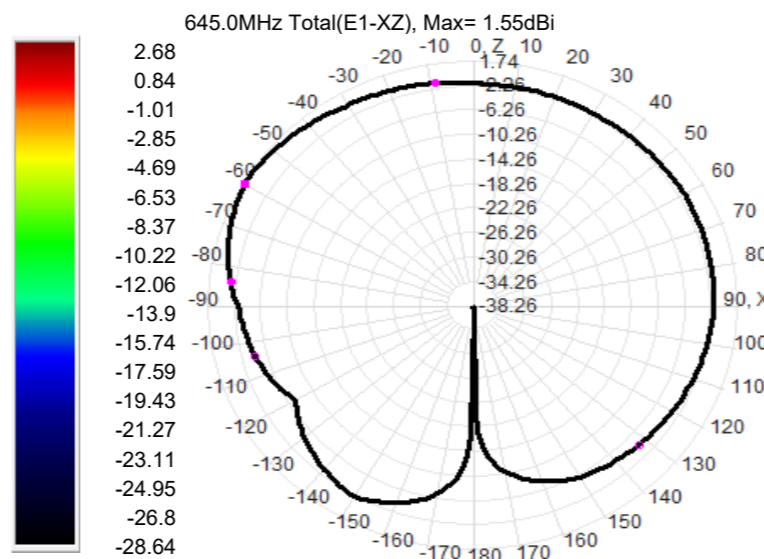
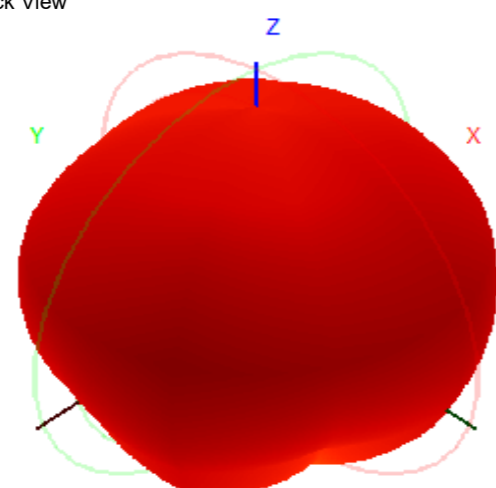
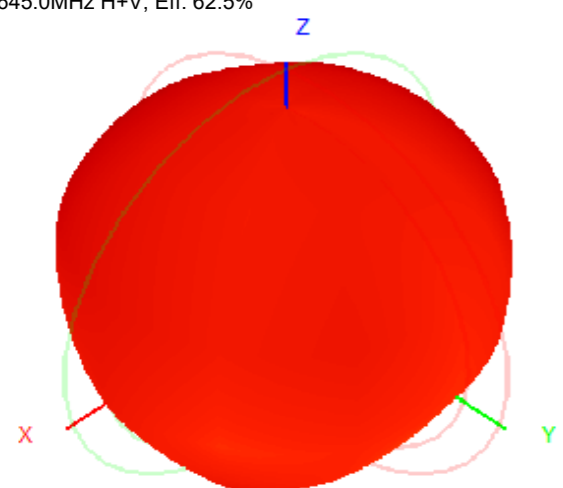
640.0MHz H+V, Eff: 62.2%

Back View



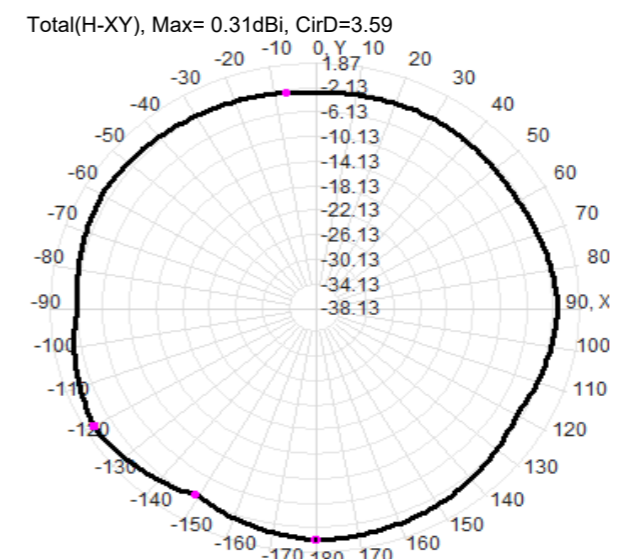
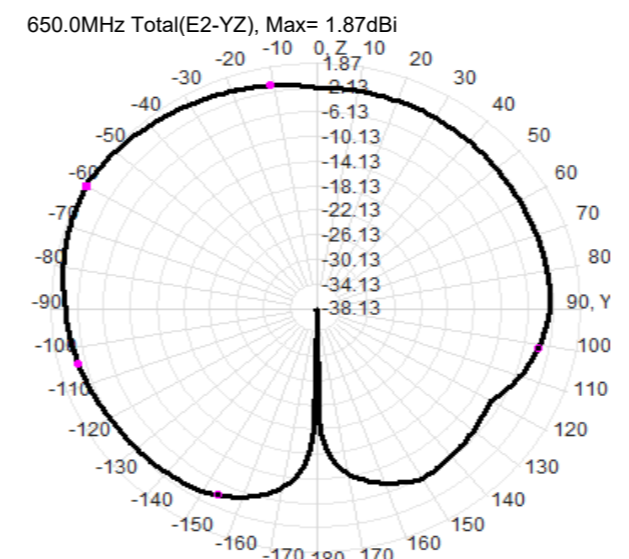
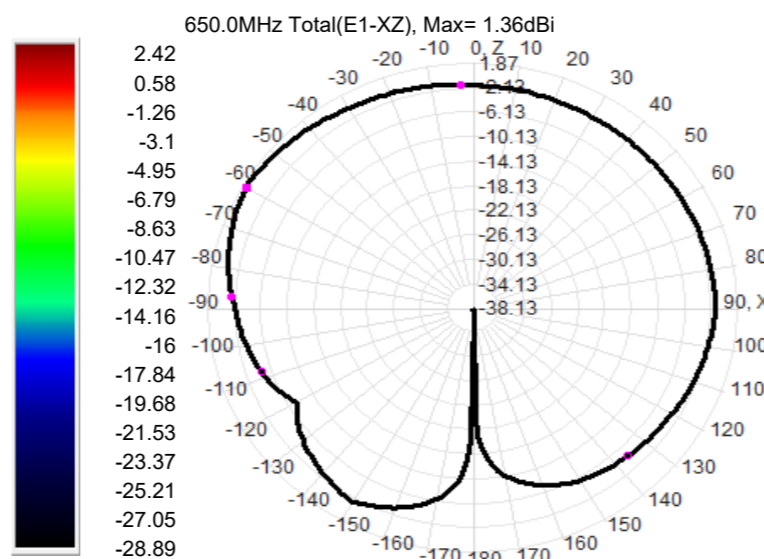
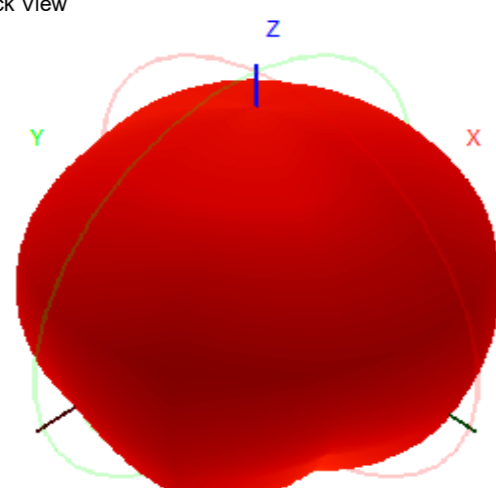
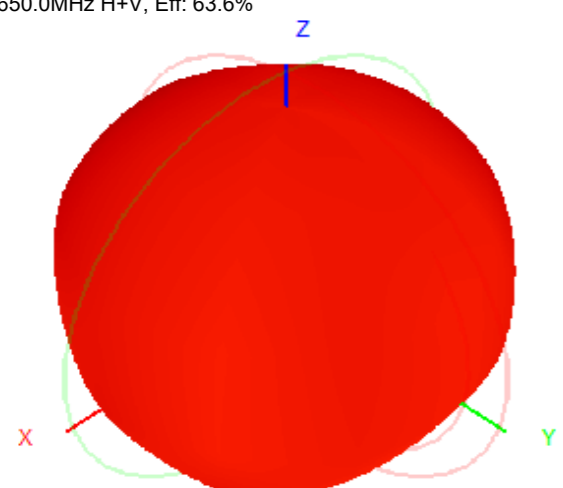
645.0MHz H+V, Eff: 62.5%

Back View



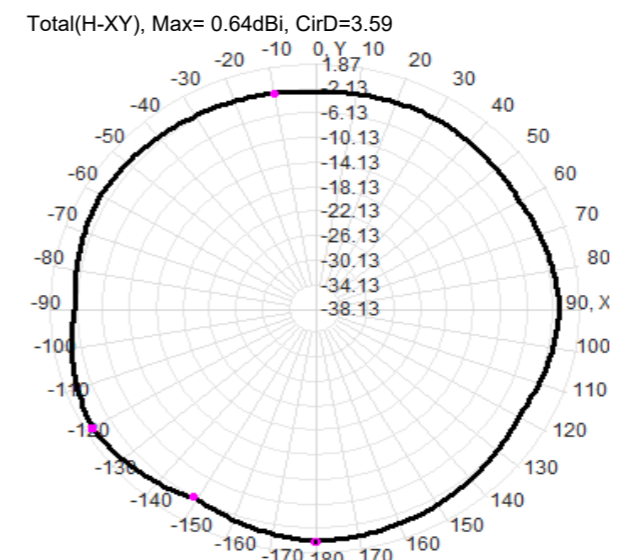
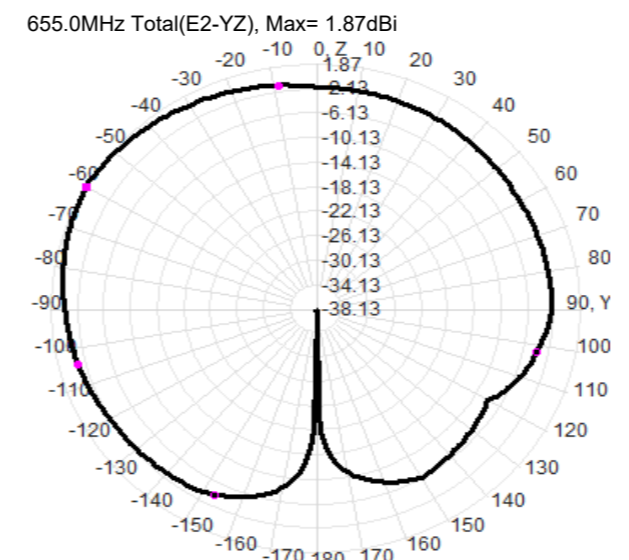
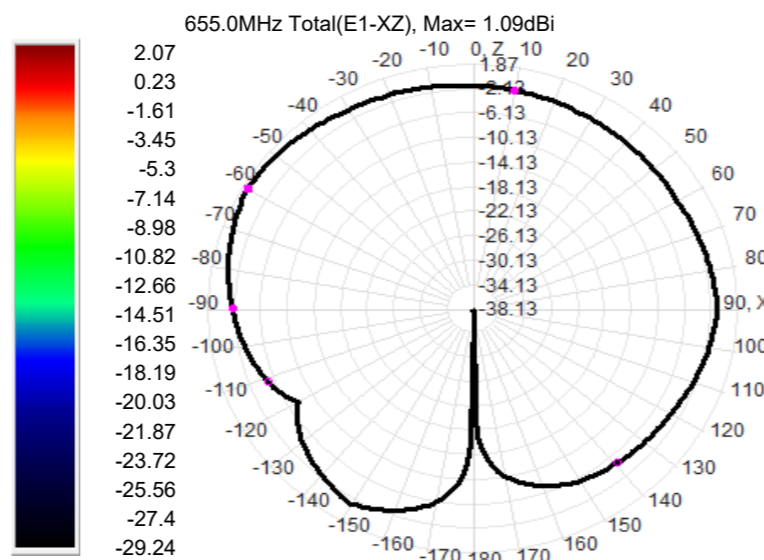
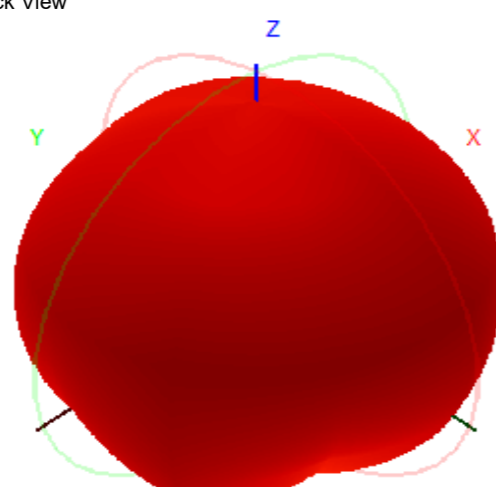
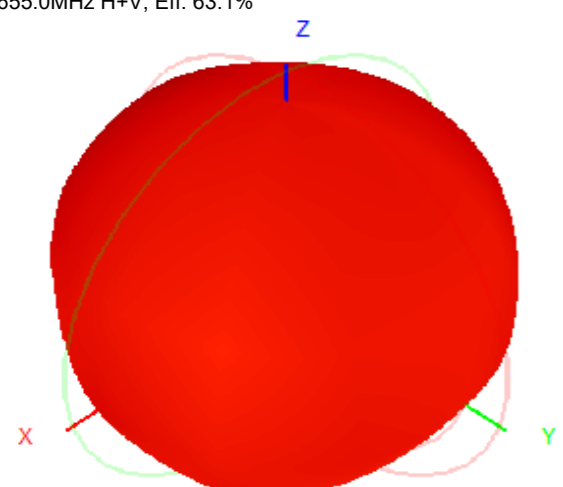
650.0MHz H+V, Eff: 63.6%

Back View

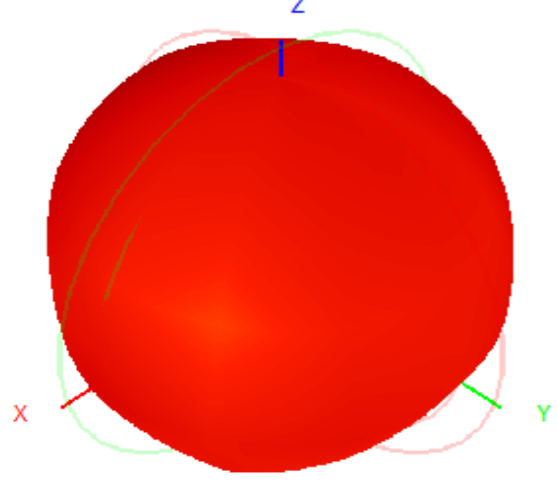


655.0MHz H+V, Eff: 63.1%

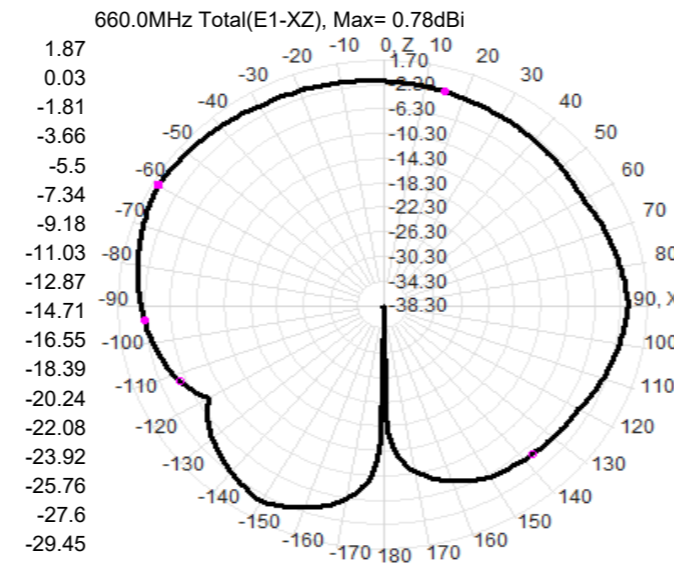
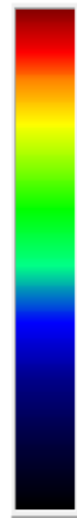
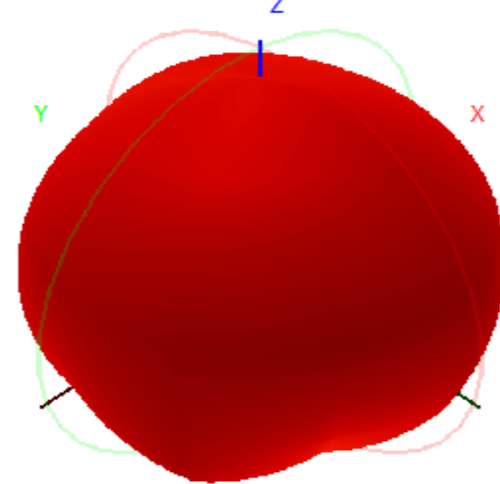
Back View



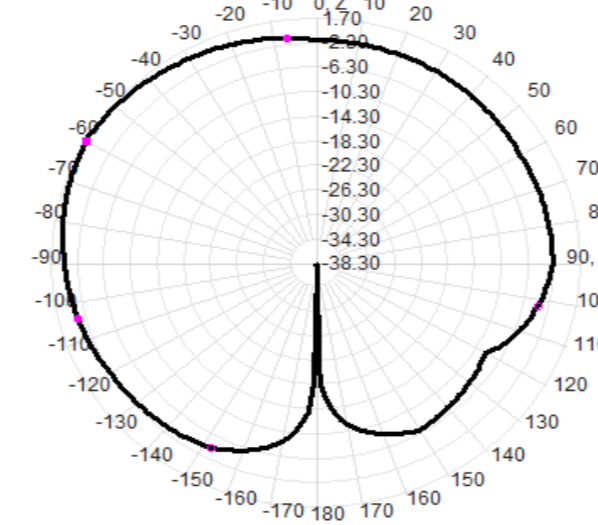
660.0MHz H+V, Eff: 60.0%



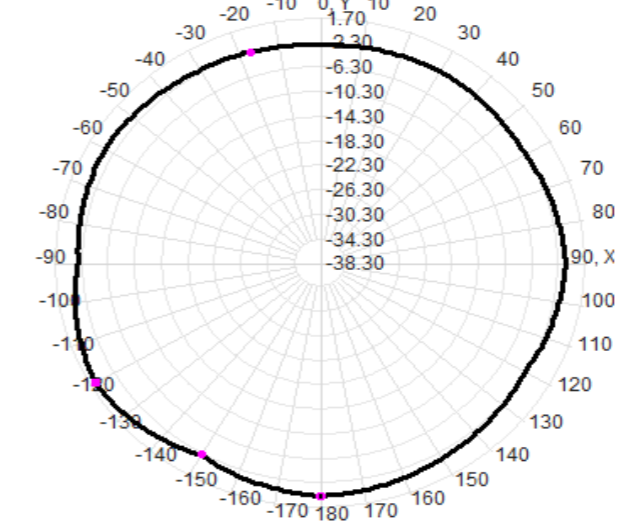
Back View



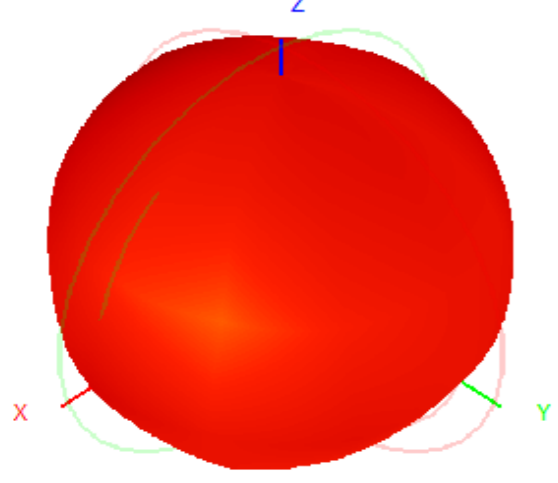
660.0MHz Total(E2-YZ), Max= 1.70dBi



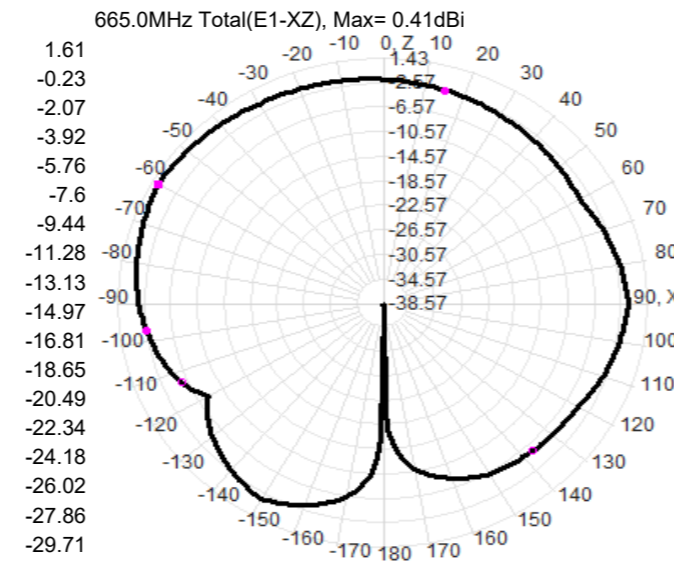
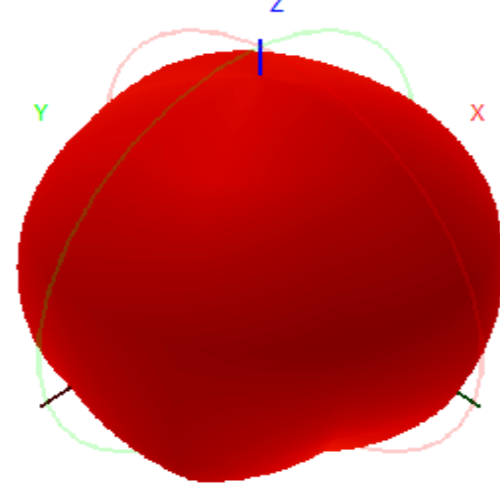
Total(H-XY), Max= 0.72dBi, CirD=3.52



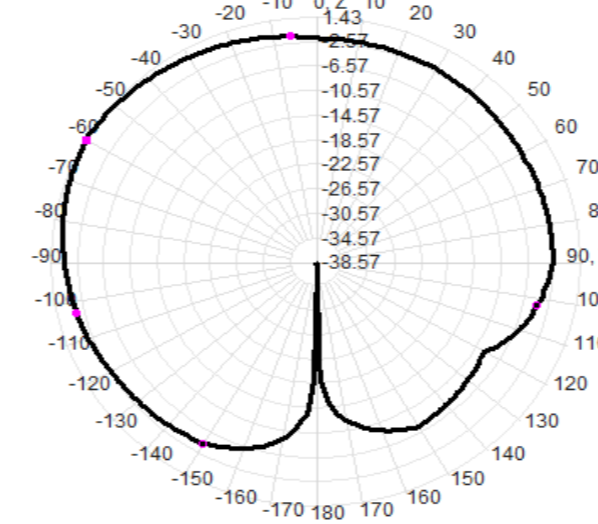
665.0MHz H+V, Eff: 55.9%



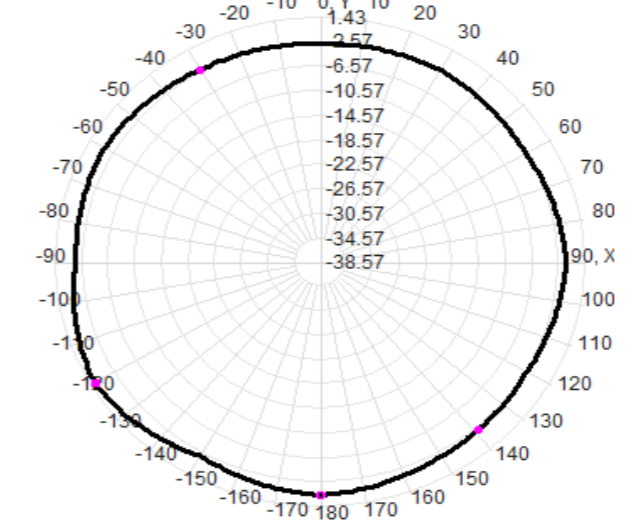
Back View



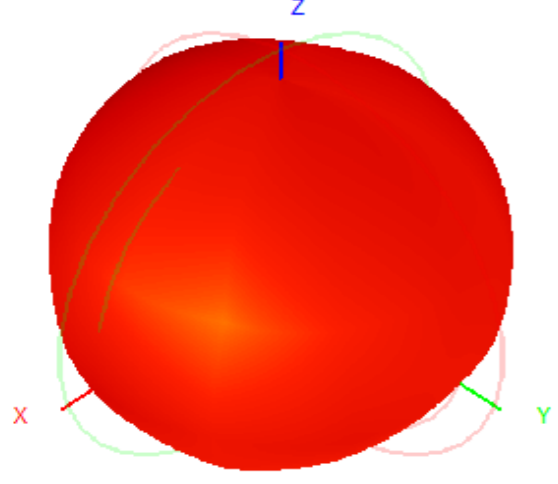
665.0MHz Total(E2-YZ), Max= 1.43dBi



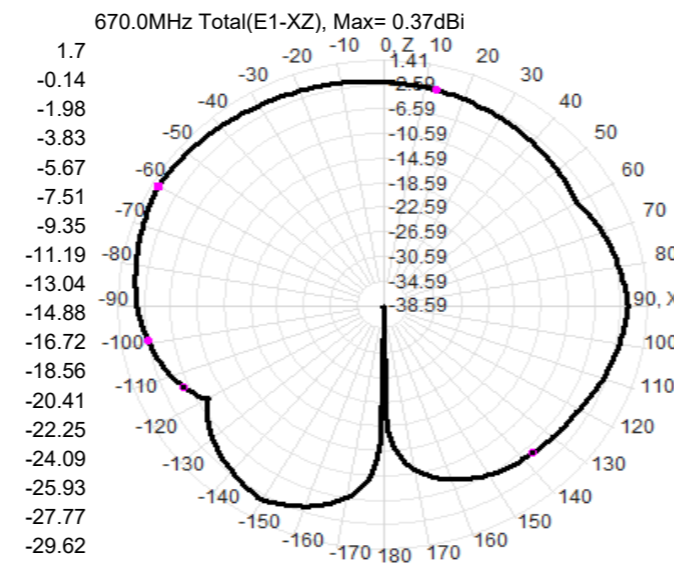
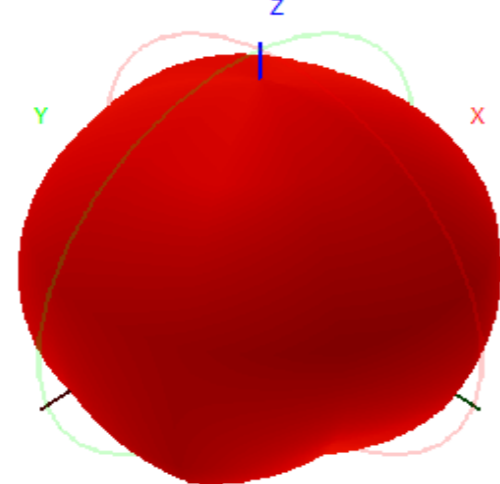
Total(H-XY), Max= 0.64dBi, CirD=3.63



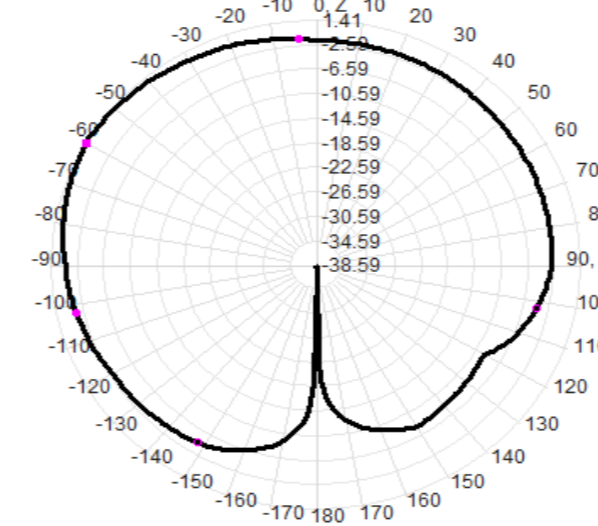
670.0MHz H+V, Eff: 55.4%



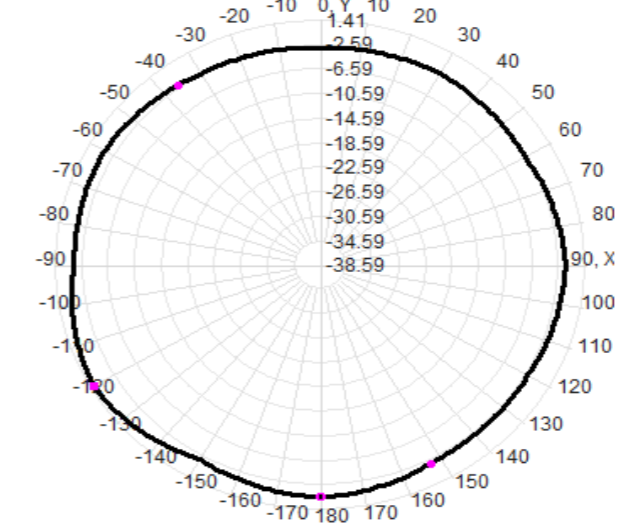
Back View



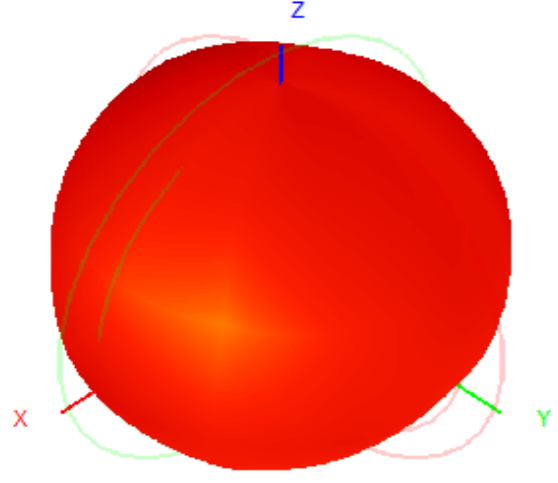
670.0MHz Total(E2-YZ), Max= 1.41dBi



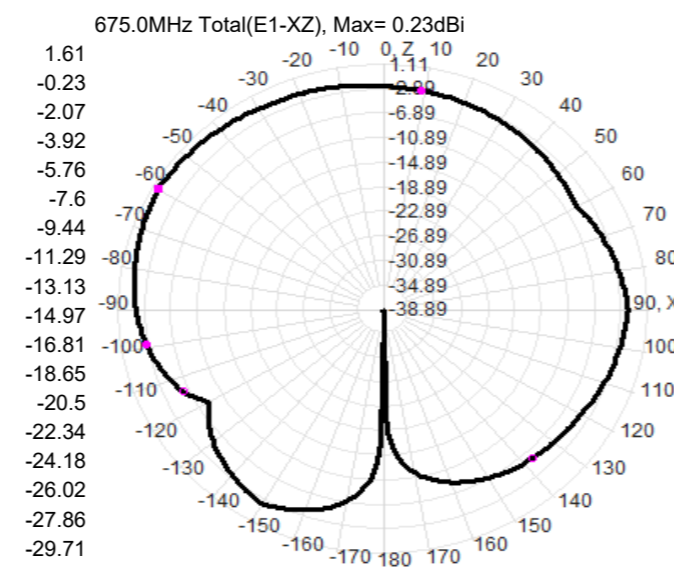
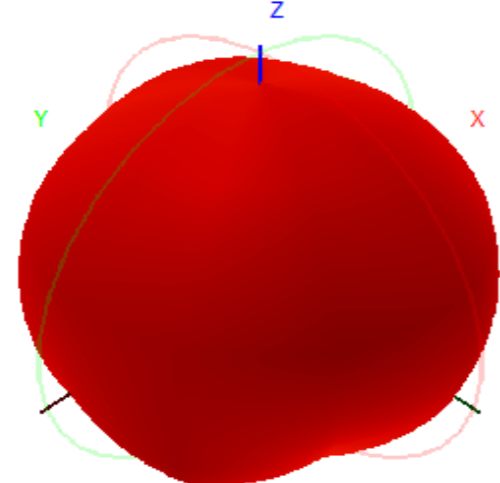
Total(H-XY), Max= 0.78dBi, CirD=3.92



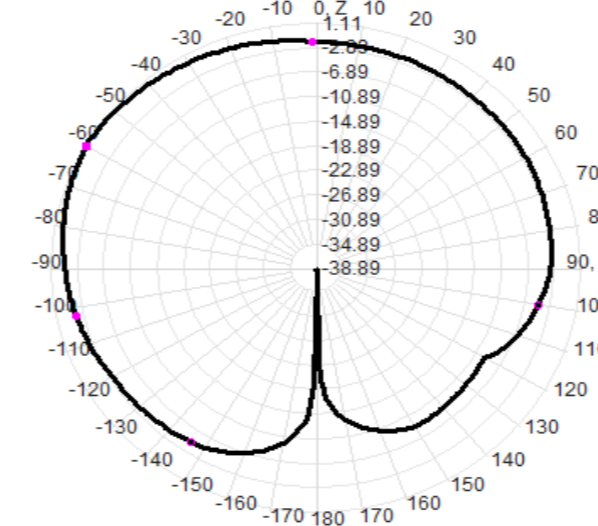
675.0MHz H+V, Eff: 52.6%



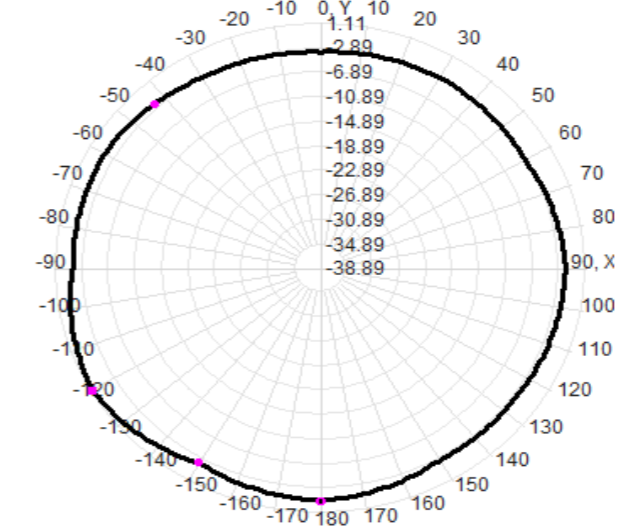
Back View



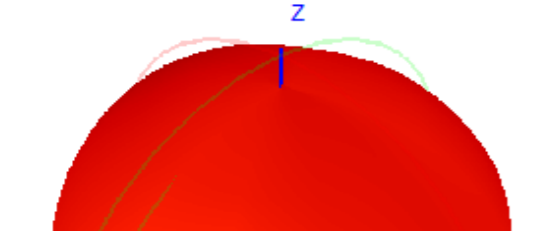
675.0MHz Total(E2-YZ), Max= 1.11dBi



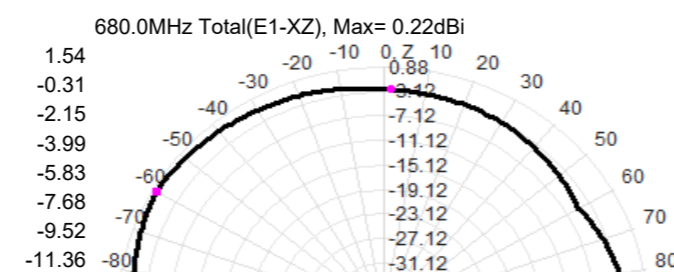
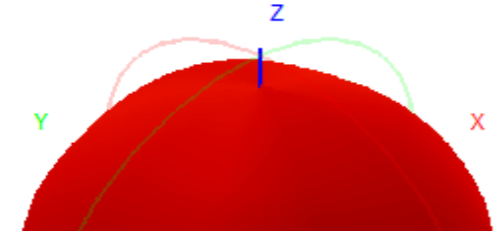
Total(H-XY), Max= 0.73dBi, CirD=4.37



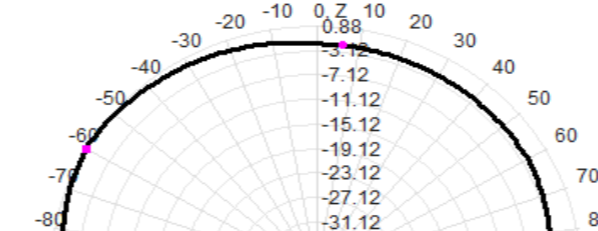
680.0MHz H+V, Eff: 50.8%



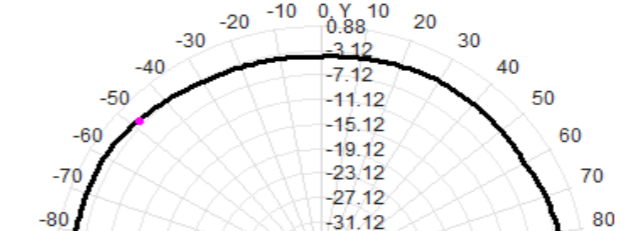
Back View

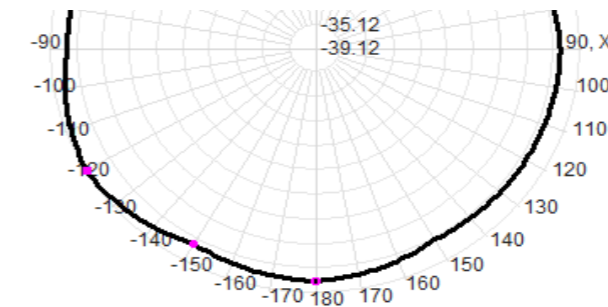
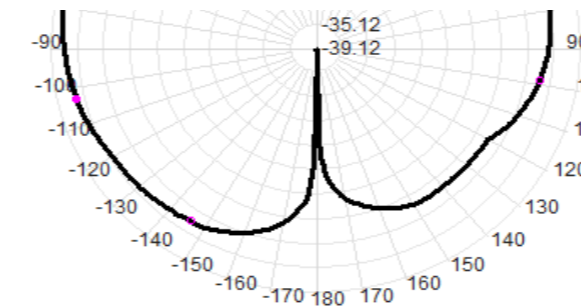
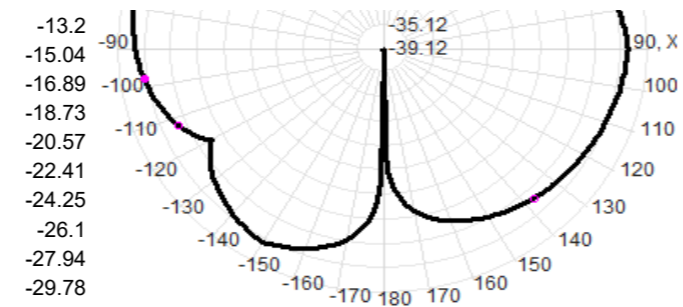
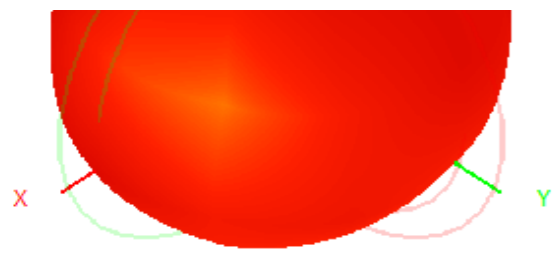


680.0MHz Total(E2-YZ), Max= 0.88dBi



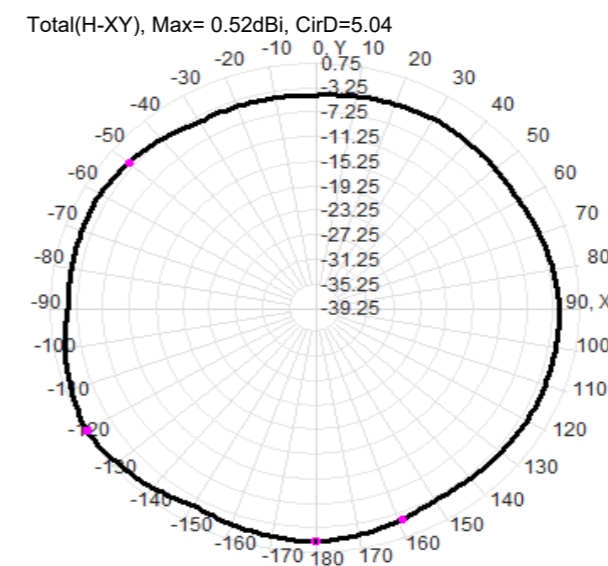
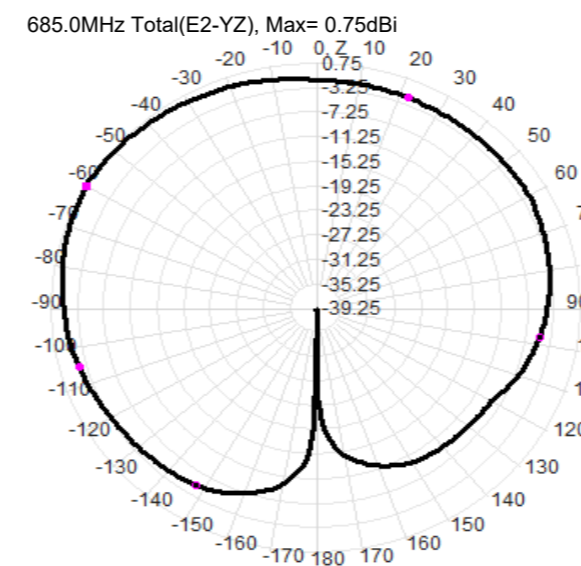
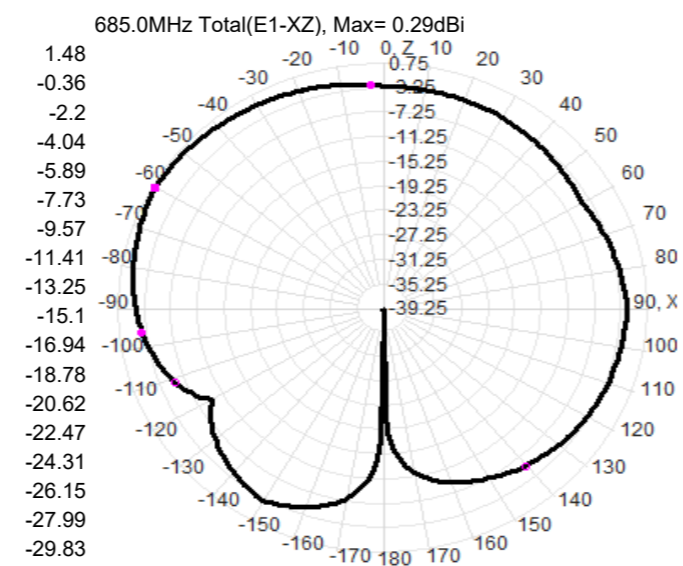
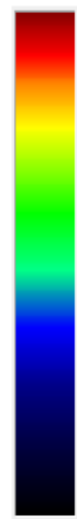
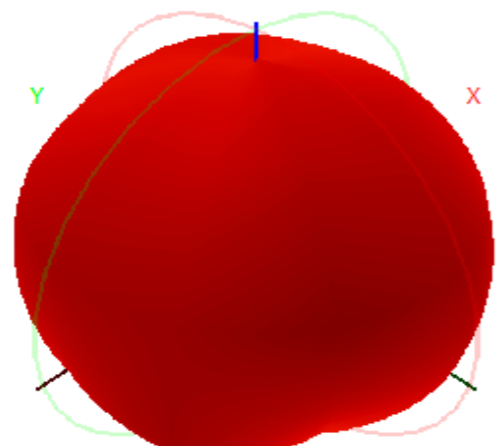
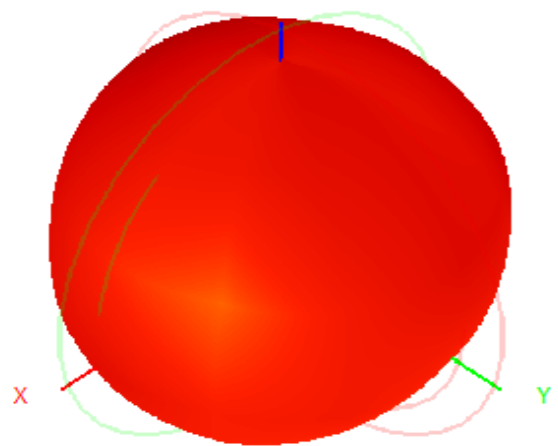
Total(H-XY), Max= 0.66dBi, CirD=4.80





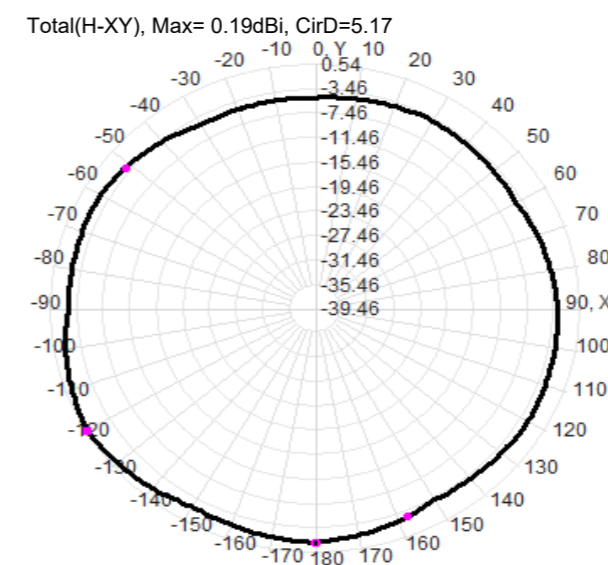
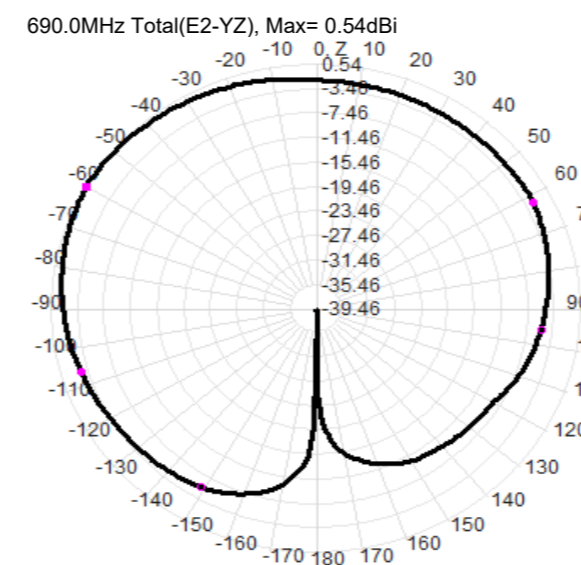
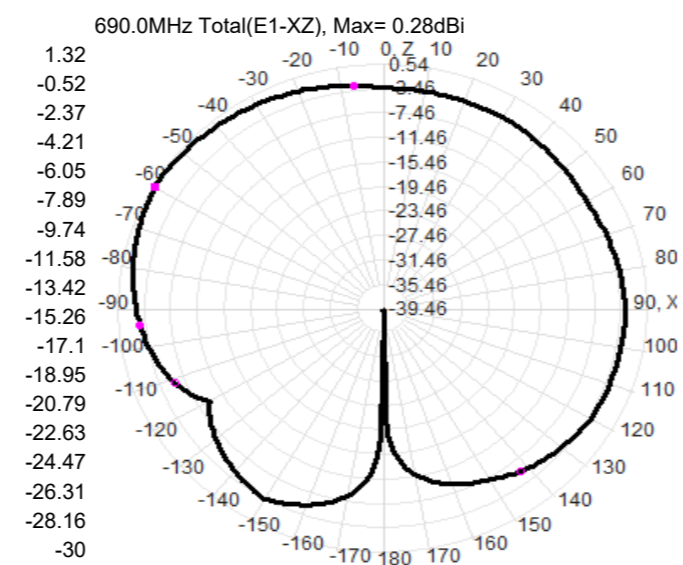
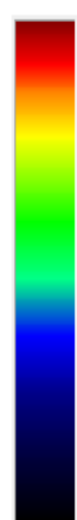
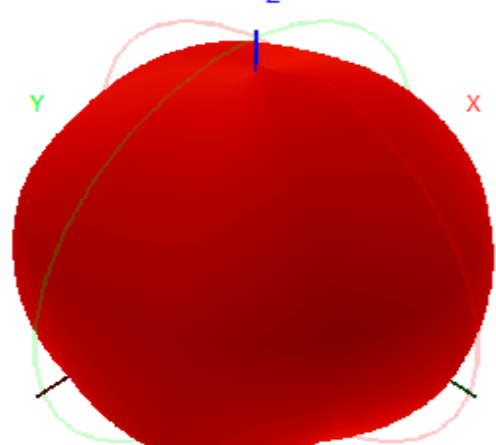
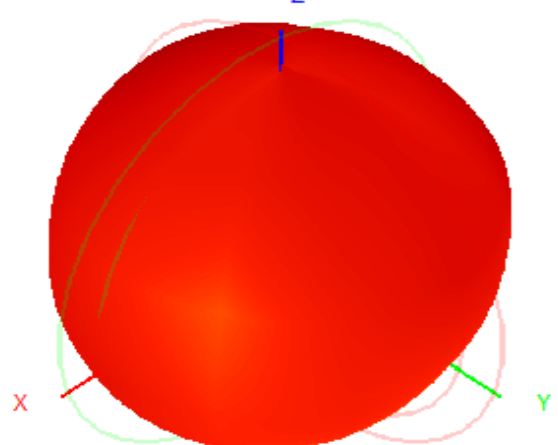
685.0MHz H+V, Eff: 50.2%

Back View



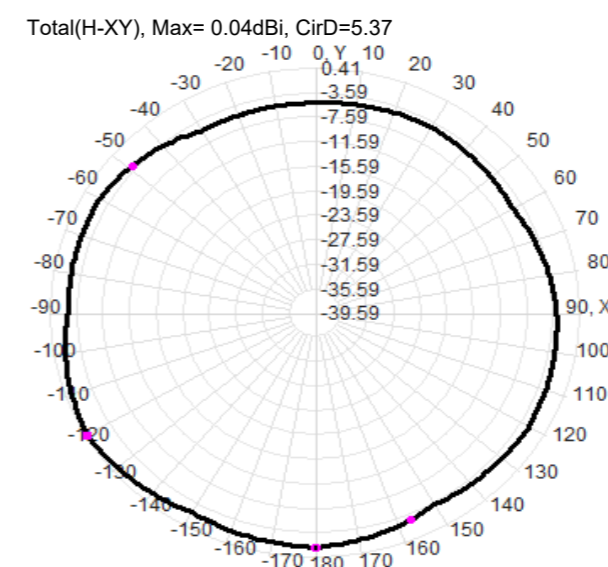
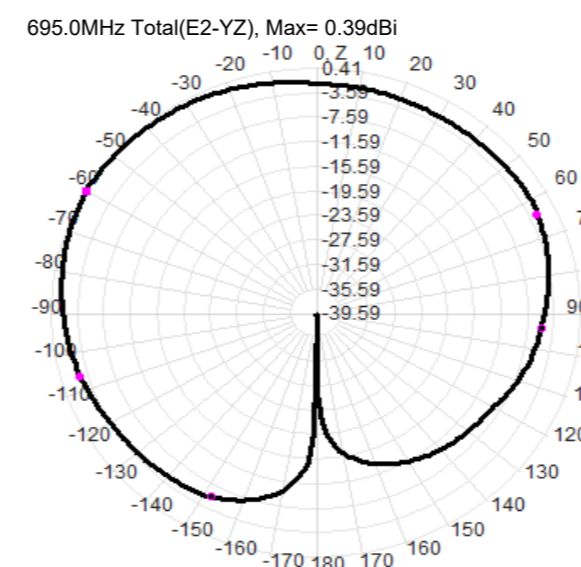
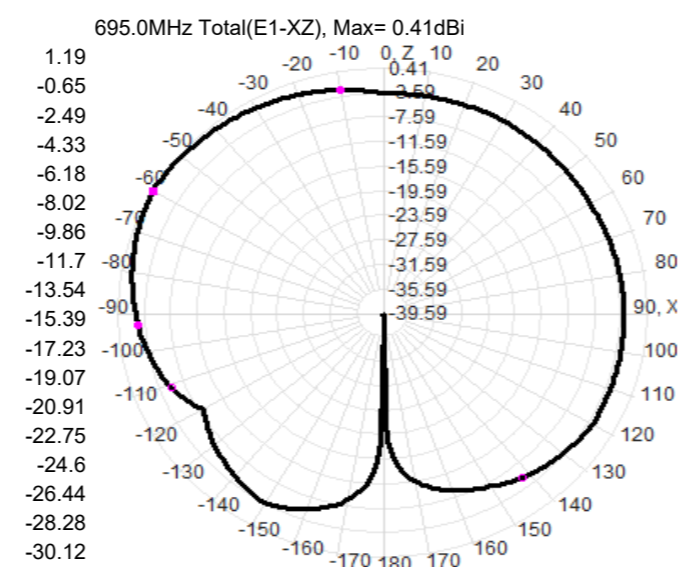
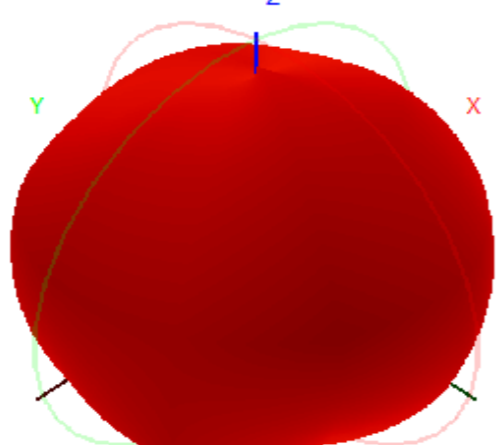
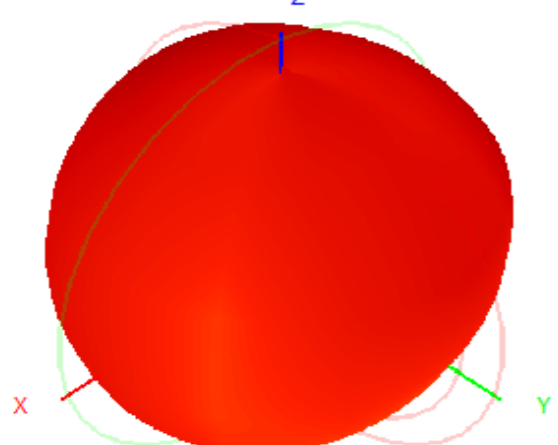
690.0MHz H+V, Eff: 48.7%

Back View



695.0MHz H+V, Eff: 48.4%

Back View



700.0MHz H+V, Eff: 48.0%

Back View

