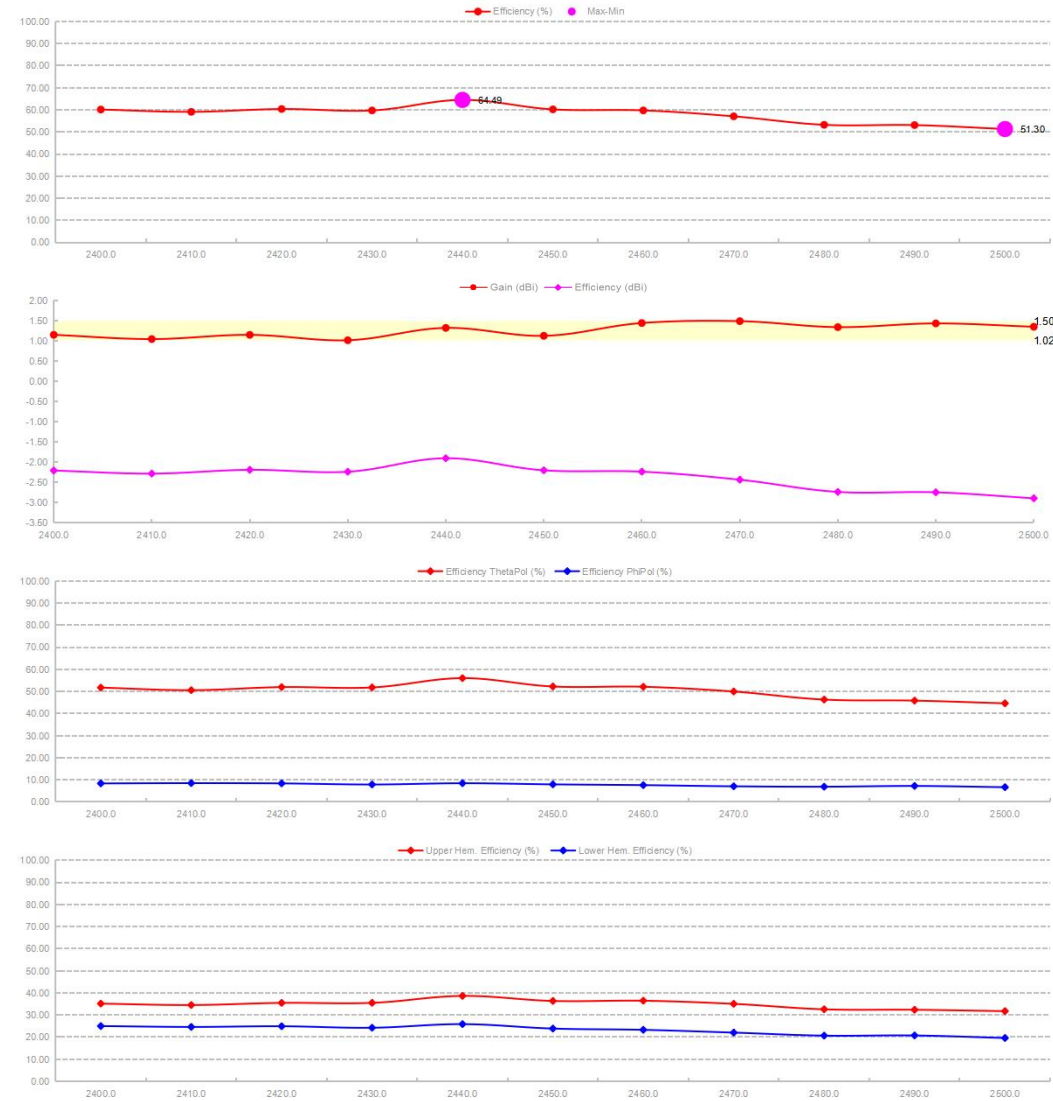


FETUKELI											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.21	-2.29	-2.19	-2.24	-1.91	-2.20	-2.24	-2.44	-2.74	-2.75	-2.90
Gain (dBi)	1.16	1.05	1.16	1.02	1.33	1.13	1.45	1.50	1.35	1.44	1.36
Efficiency (%)	60.12	59.08	60.37	59.71	64.49	60.20	59.73	57.05	53.22	53.09	51.30
Peak Gain Position (Theta)	64.00	76.00	76.00	76.00	77.00	78.00	78.00	78.00	77.00	76.00	75.00
Peak Gain Position (Phi)	90.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
Efficiency ThetaPol (%)	51.75	50.57	51.98	51.82	56.02	52.25	52.12	49.98	46.33	45.85	44.63
Efficiency PhiPol (%)	8.37	8.50	8.39	7.89	8.46	7.95	7.61	7.08	6.89	7.24	6.67
Upper Hem. Efficiency (%)	35.14	34.50	35.47	35.49	38.63	36.35	36.45	35.03	32.57	32.36	31.73
Lower Hem. Efficiency (%)	24.98	24.58	24.90	24.22	25.86	23.85	23.28	22.02	20.65	20.73	19.58
Eff 15deg (dBi)											
Gain 15deg (dBi)											
Eff 15deg (%)											
Eff 30deg (dBi)											
Gain 30deg (dBi)											
Eff 30deg (%)											
Eff no SC											
Gain no SC											
Gain (dBi, ThetaPol)	1.10	1.04	1.14	1.01	1.32	1.13	1.45	1.49	1.35	1.44	1.35
Gain (dBi, PhiPol)	-3.34	-3.37	-3.49	-3.84	-3.56	-3.78	-3.77	-4.08	-4.30	-4.23	-4.80
Empty											



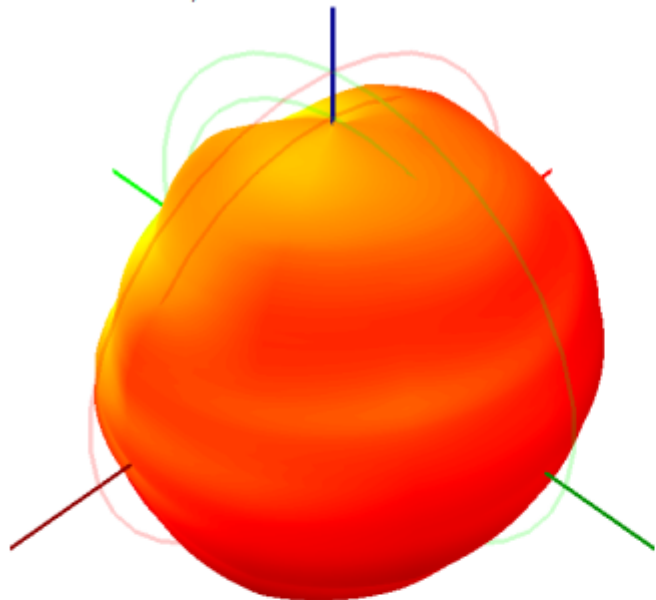
Antenna report

Manufacturer : Dong Guan Technomate Metal Ware Manufactory Ltd.

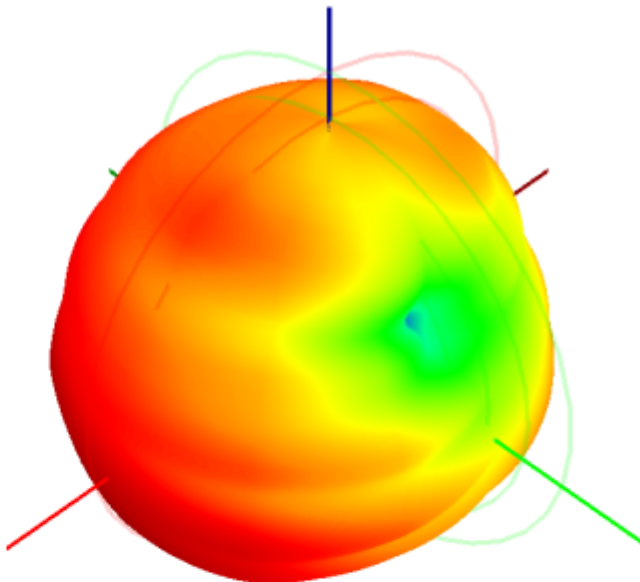
Model : AT-2.4G

Antenna Gain(Max): 1.50dBi

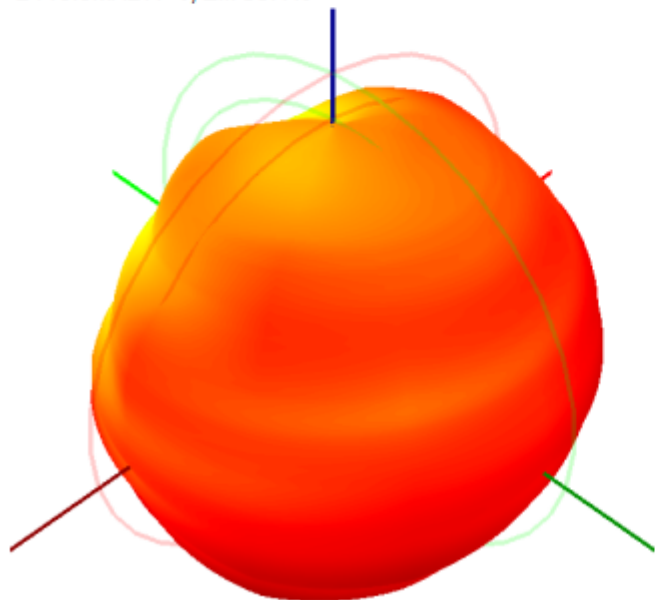
2400.0MHz H+V, Eff: 60.1%



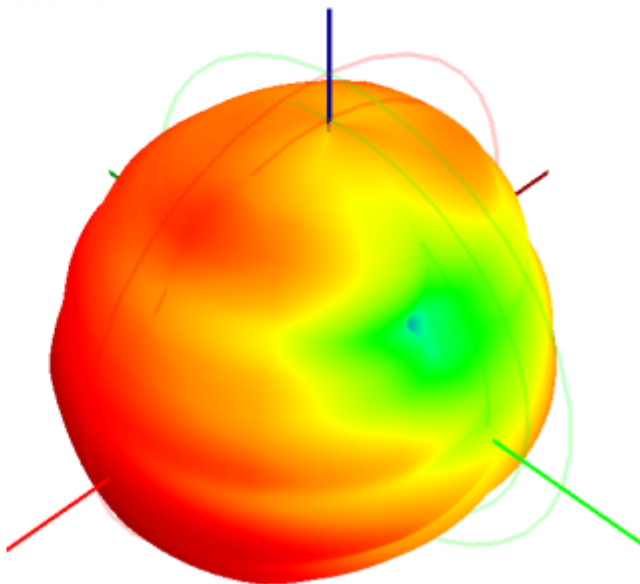
Back View



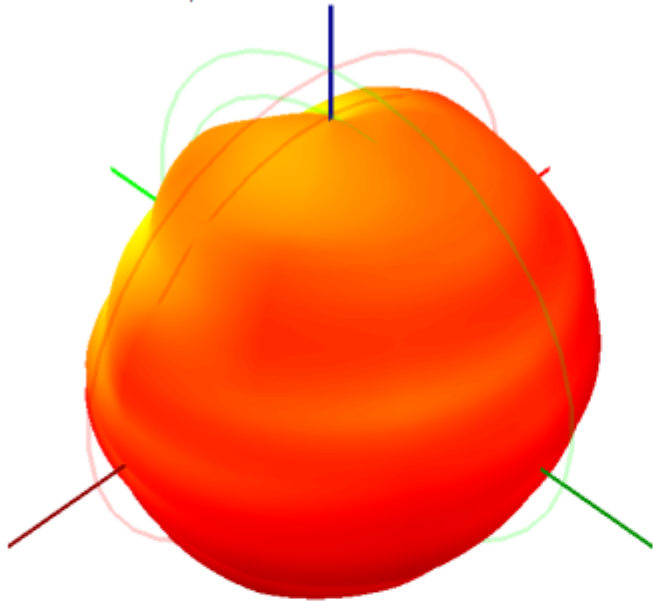
2410.0MHz H+V, Eff: 59.1%



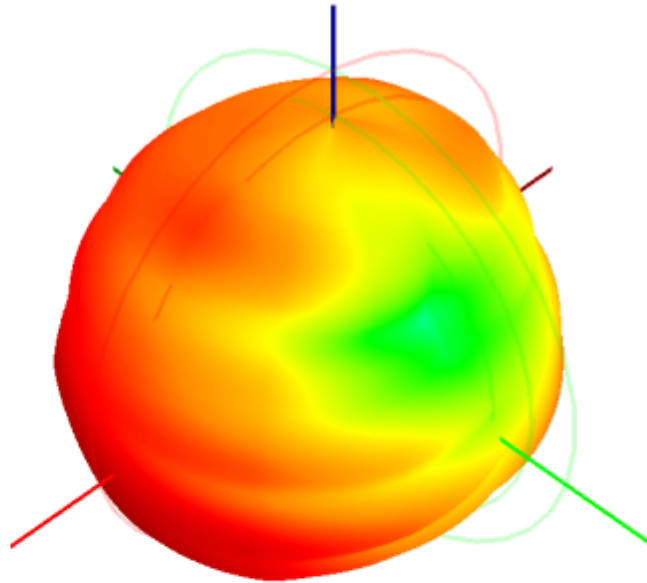
Back View



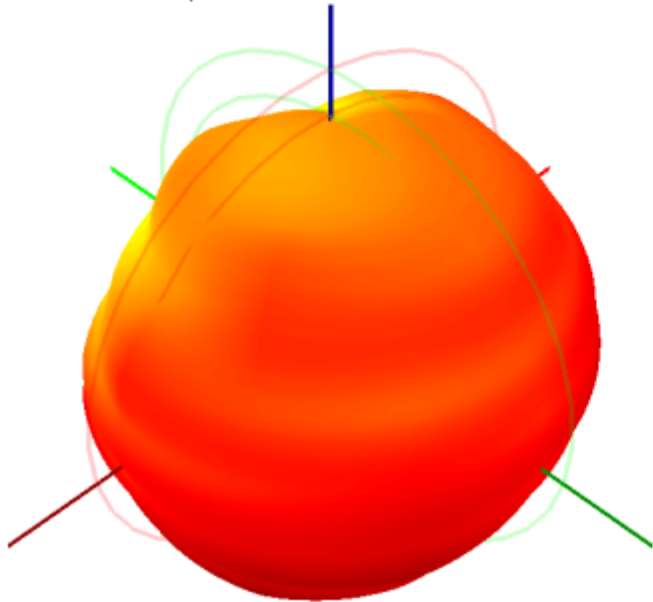
2420.0MHz H+V, Eff: 60.4%



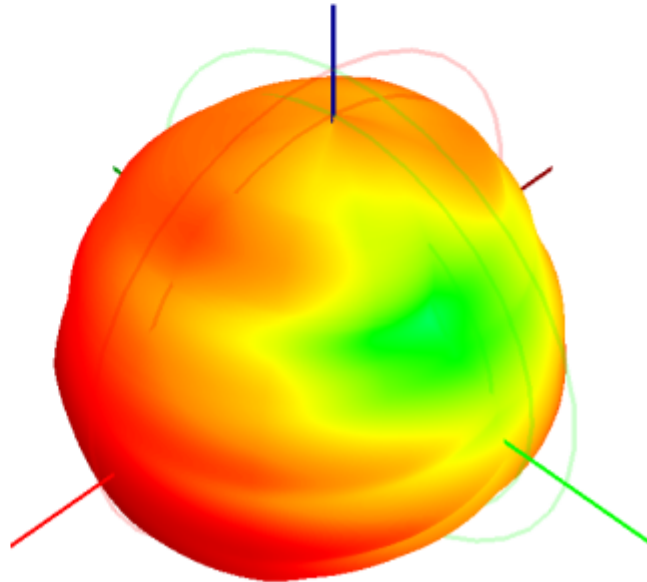
Back View



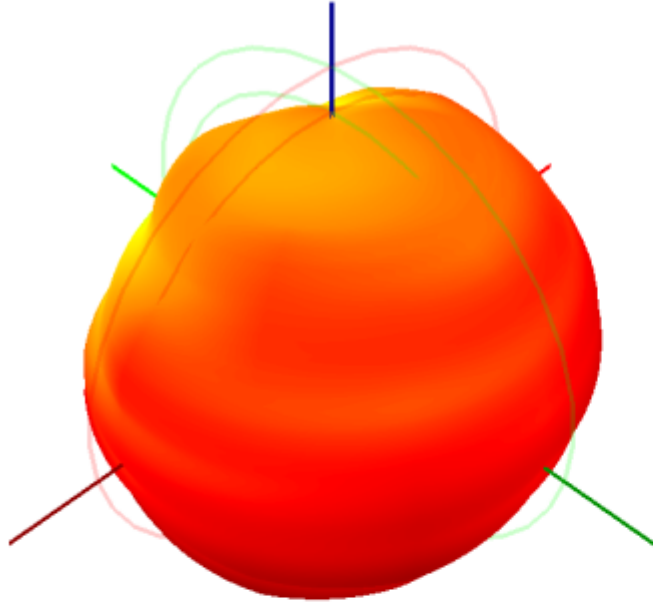
2430.0MHz H+V, Eff: 59.7%



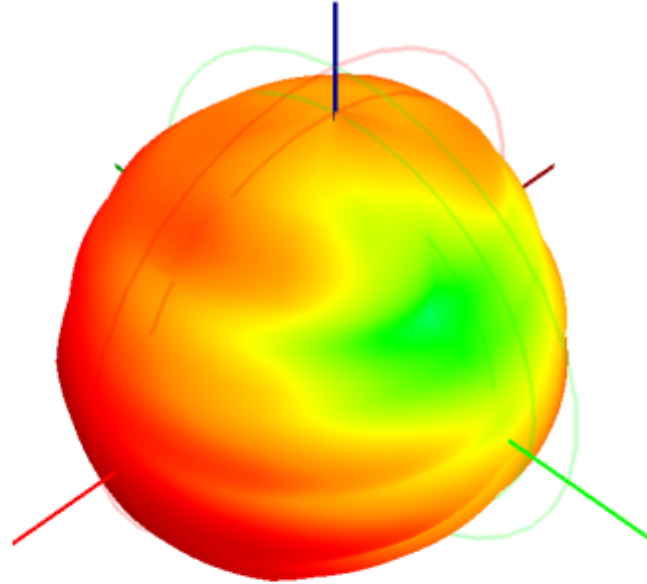
Back View



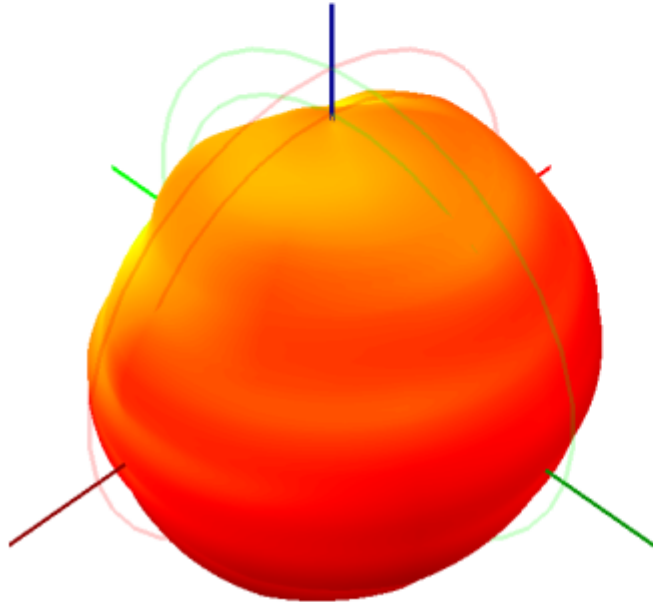
2440.0MHz H+V, Eff: 64.5%



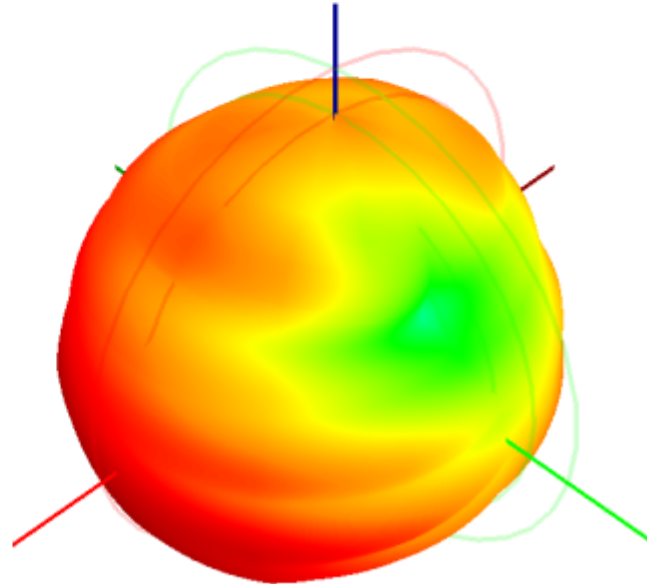
Back View



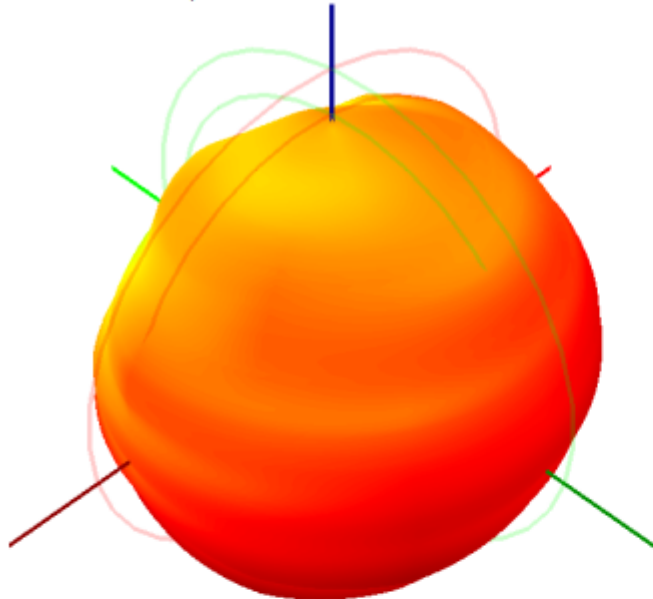
2450.0MHz H+V, Eff: 60.2%



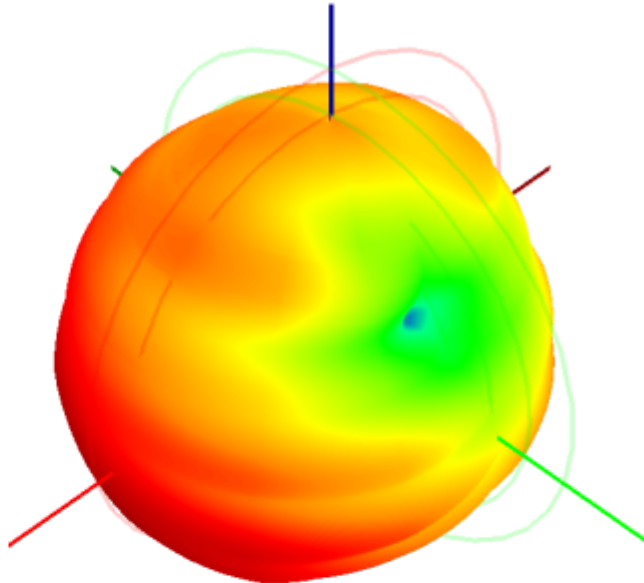
Back View



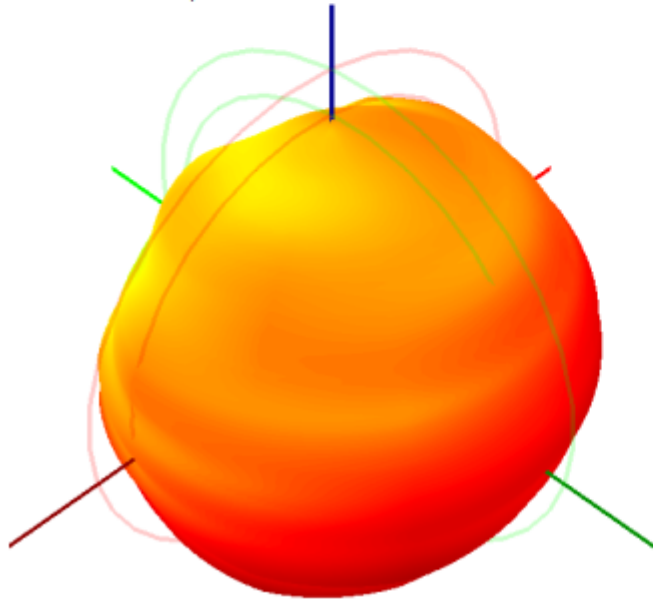
2460.0MHz H+V, Eff: 59.7%



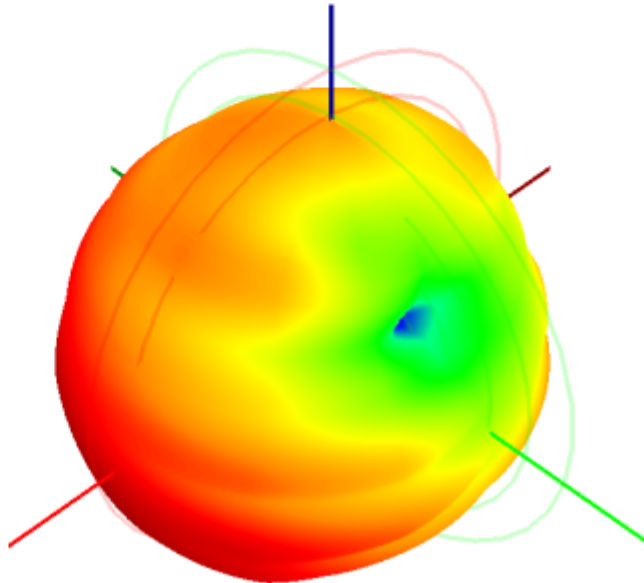
Back View



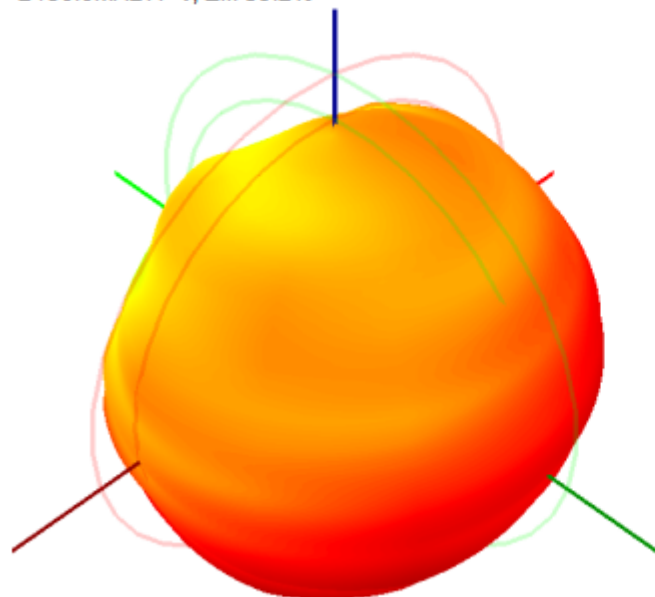
2470.0MHz H+V, Eff: 57.1%



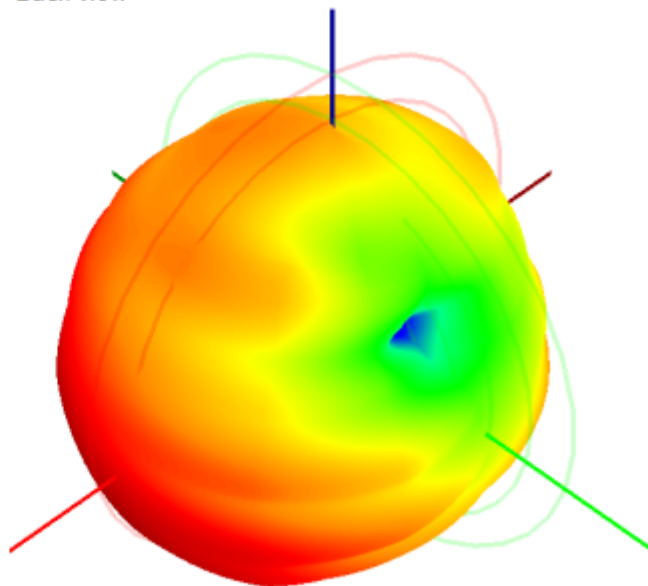
Back View



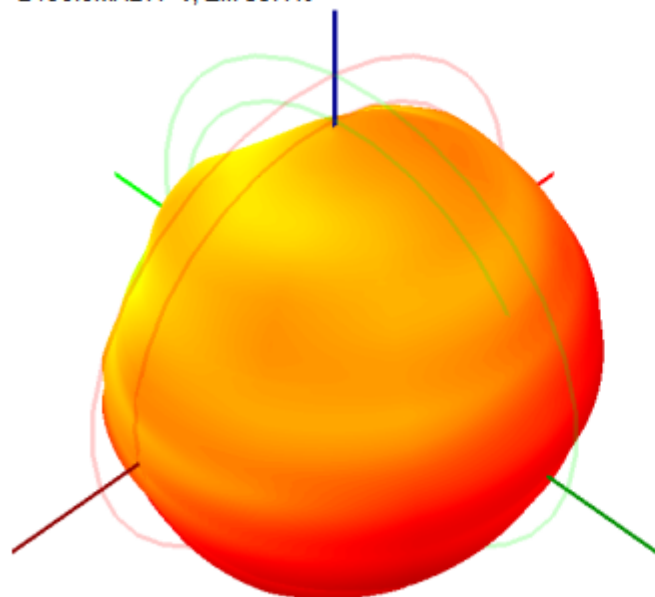
2480.0MHz H+V, Eff: 53.2%



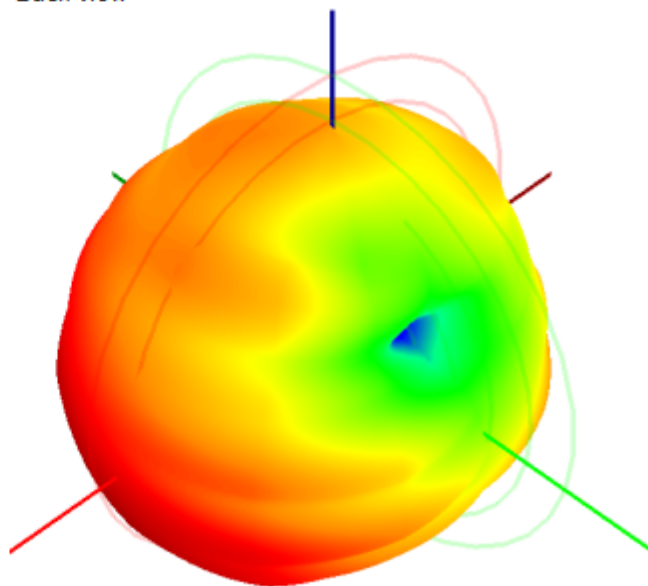
Back View



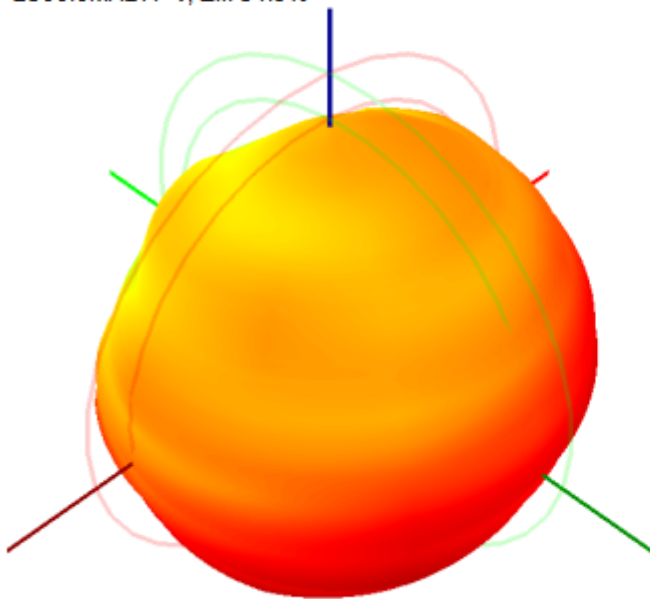
2490.0MHz H+V, Eff: 53.1%



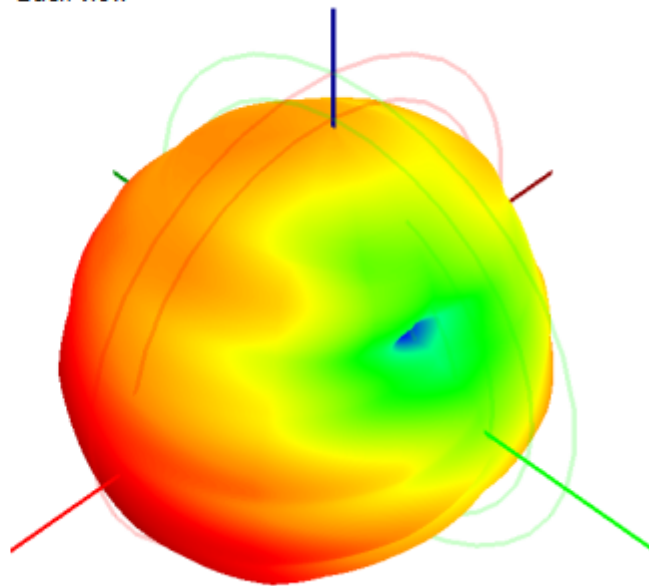
Back View



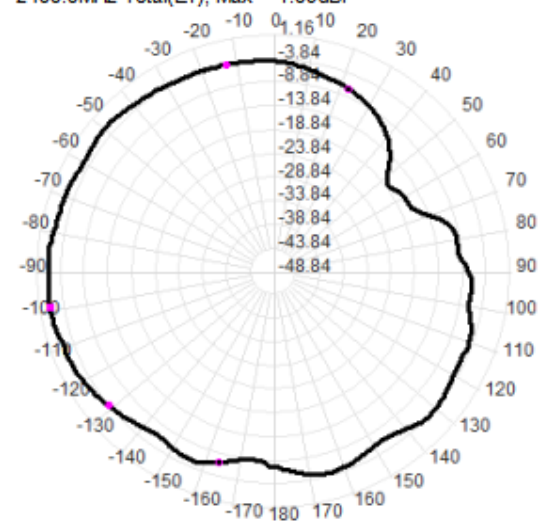
2500.0MHz H+V, Eff: 51.3%



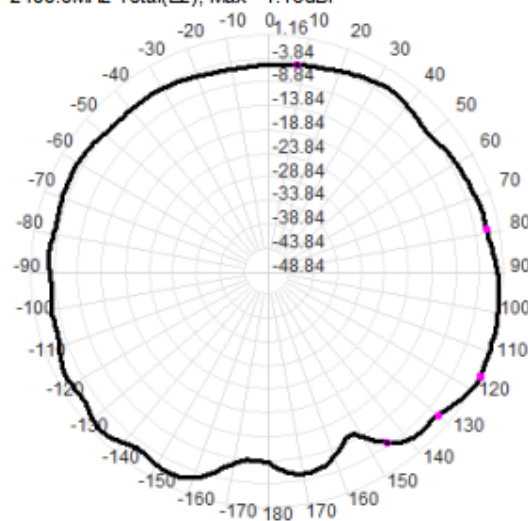
Back View



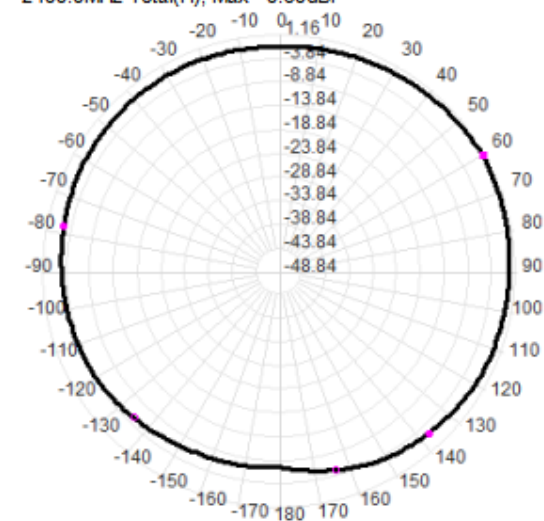
2400.0MHz Total(E1), Max=-1.08dBi



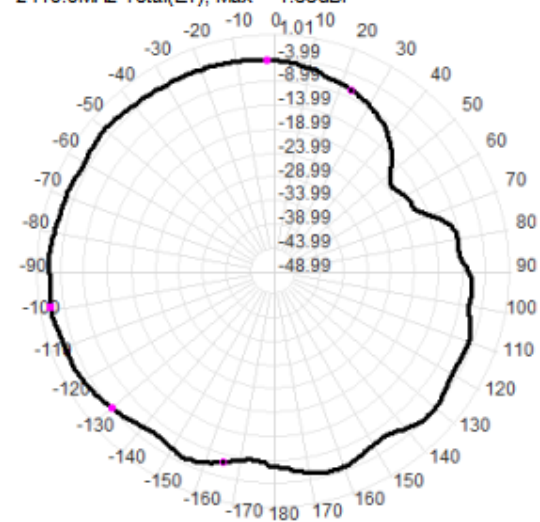
2400.0MHz Total(E2), Max= 1.16dBi



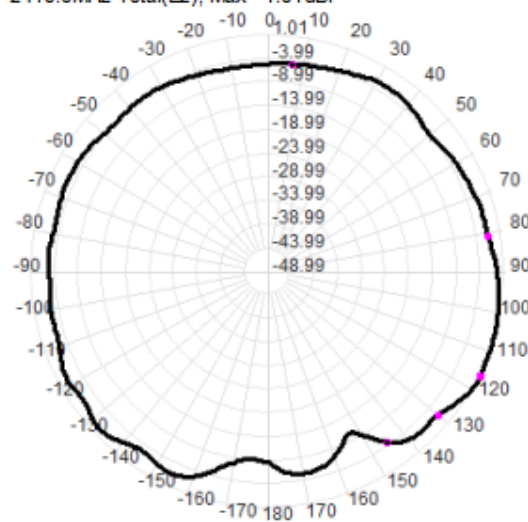
2400.0MHz Total(H), Max= 0.60dBi



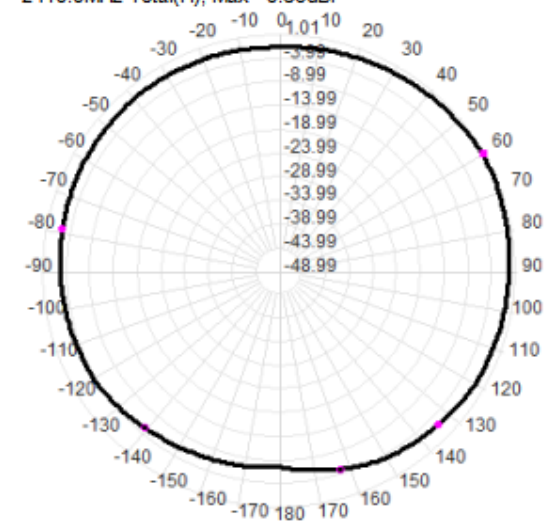
2410.0MHz Total(E1), Max=-1.35dBi



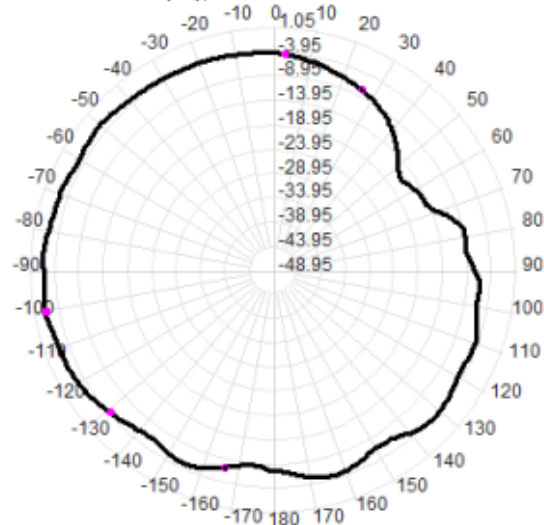
2410.0MHz Total(E2), Max= 1.01dBi



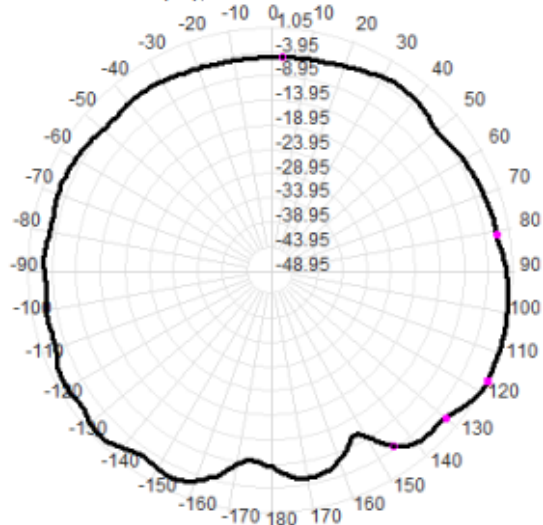
2410.0MHz Total(H), Max= 0.56dBi



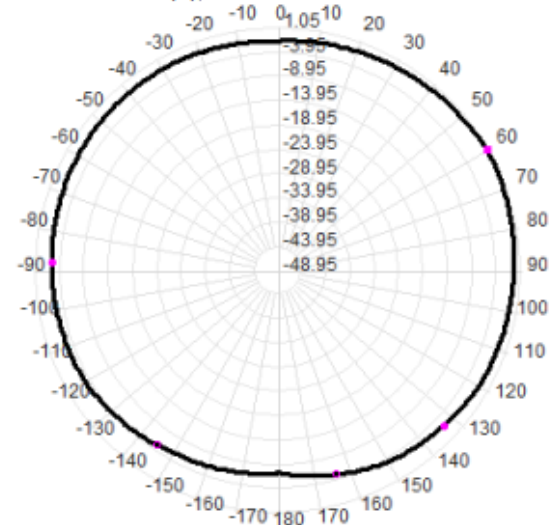
2420.0MHz Total(E1), Max=-1.40dBi



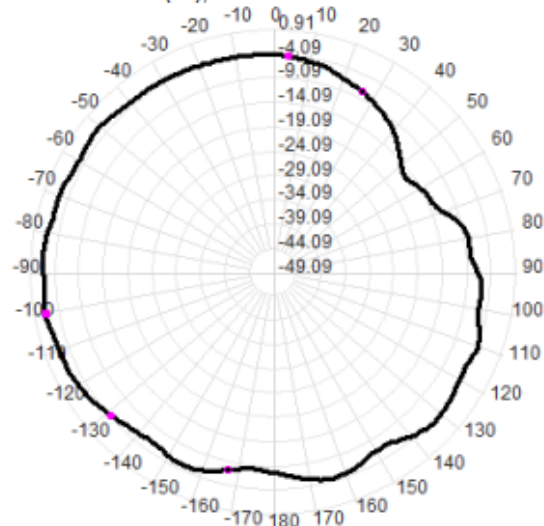
2420.0MHz Total(E2), Max= 1.05dBi



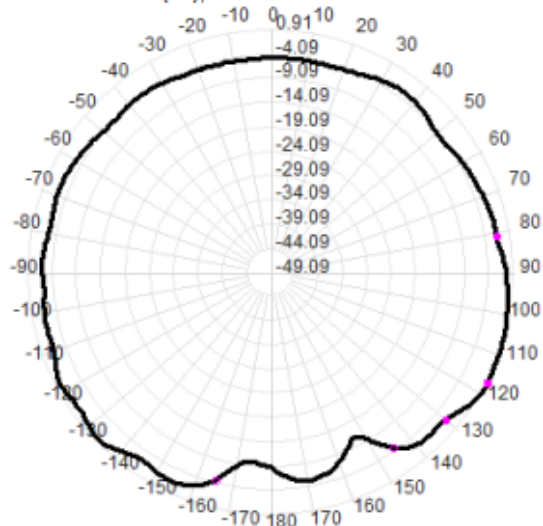
2420.0MHz Total(H), Max= 0.68dBi



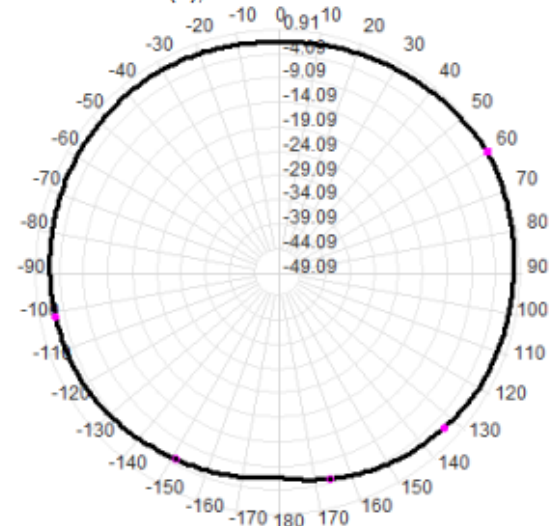
2430.0MHz Total(E1), Max=-1.52dBi



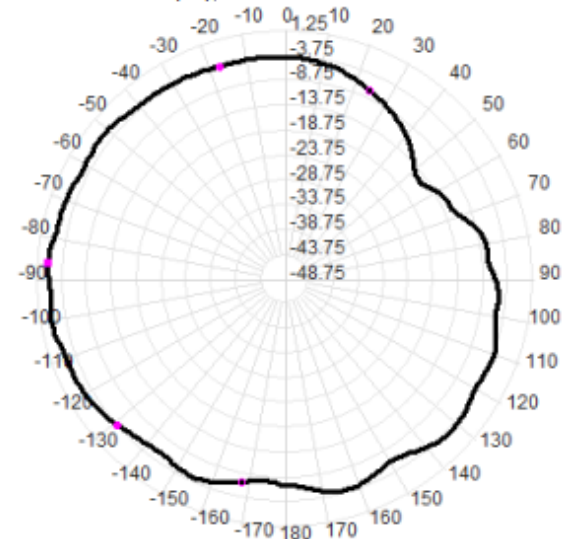
2430.0MHz Total(E2), Max= 0.91dBi



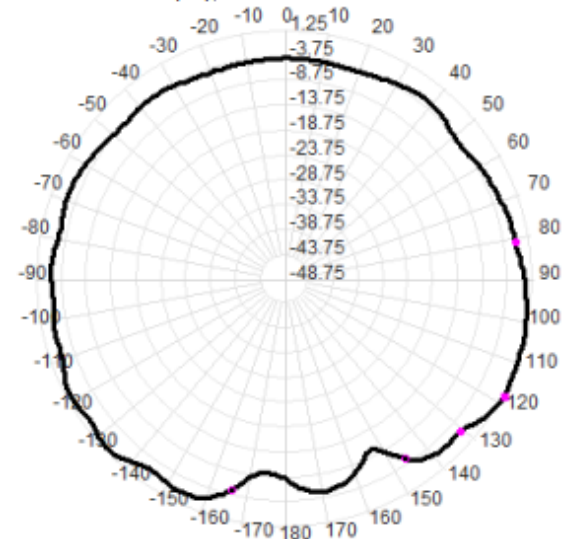
2430.0MHz Total(H), Max= 0.56dBi



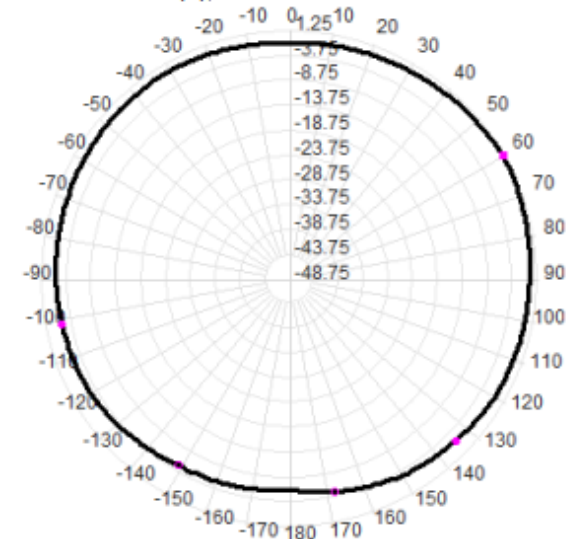
2440.0MHz Total(E1), Max= -1.01dBi



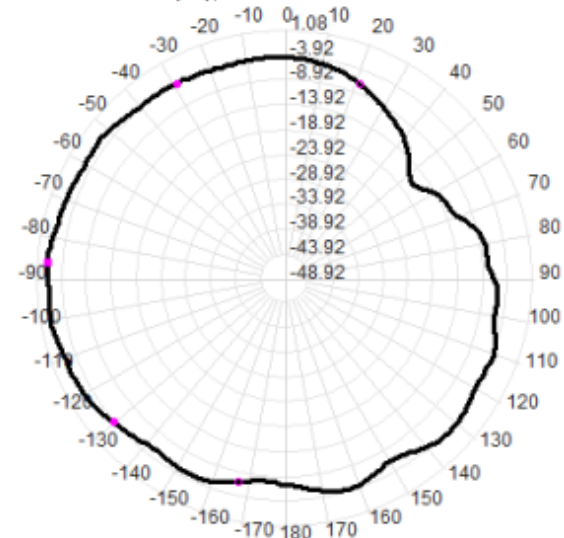
2440.0MHz Total(E2), Max= 1.25dBi



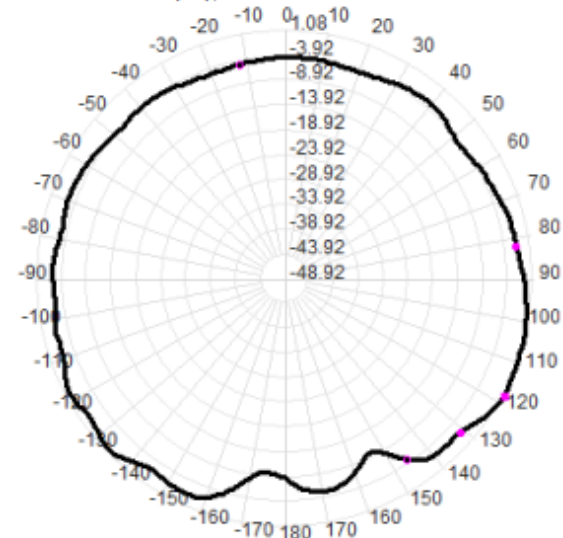
2440.0MHz Total(H), Max= 0.88dBi



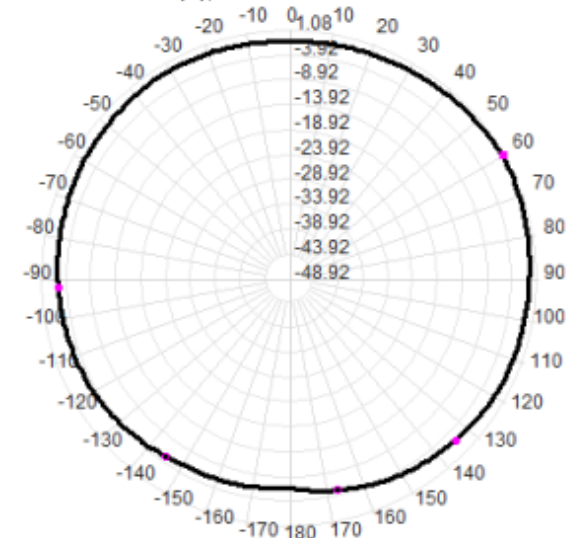
2450.0MHz Total(E1), Max= -0.98dBi



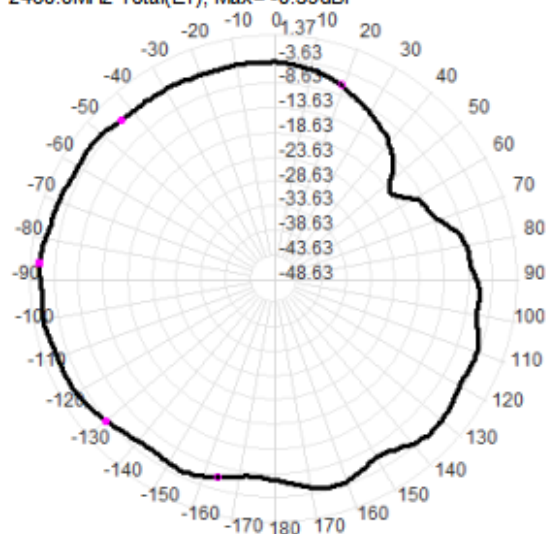
2450.0MHz Total(E2), Max= 1.08dBi



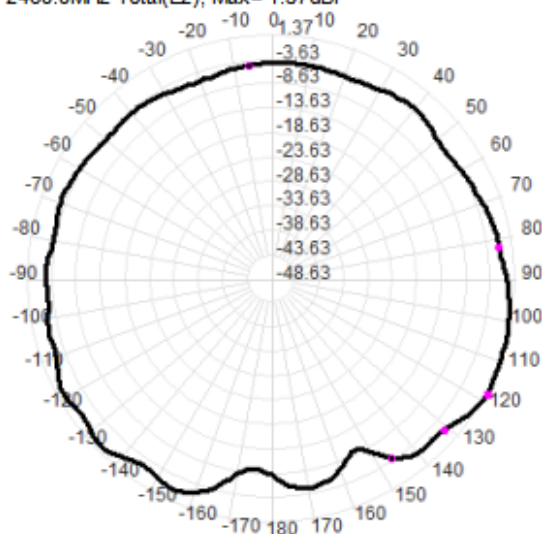
2450.0MHz Total(H), Max= 0.65dBi



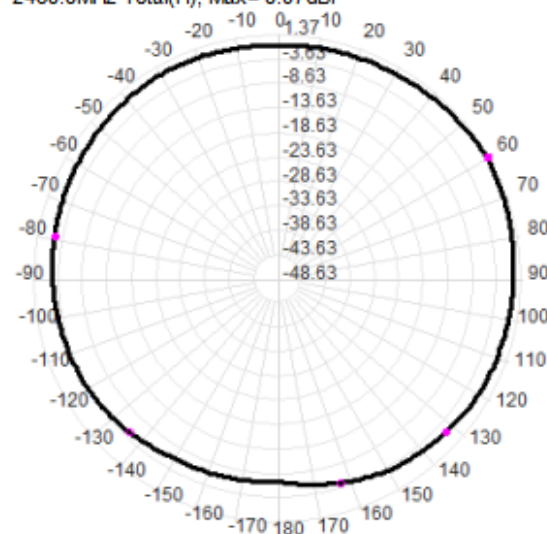
2460.0MHz Total(E1), Max= -0.59dBi



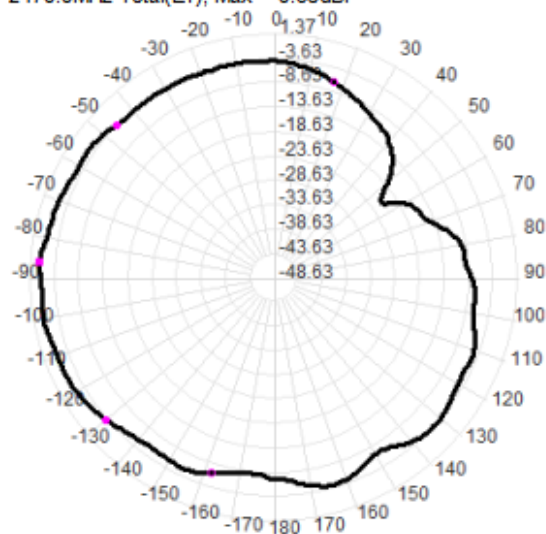
2460.0MHz Total(E2), Max= 1.37dBi



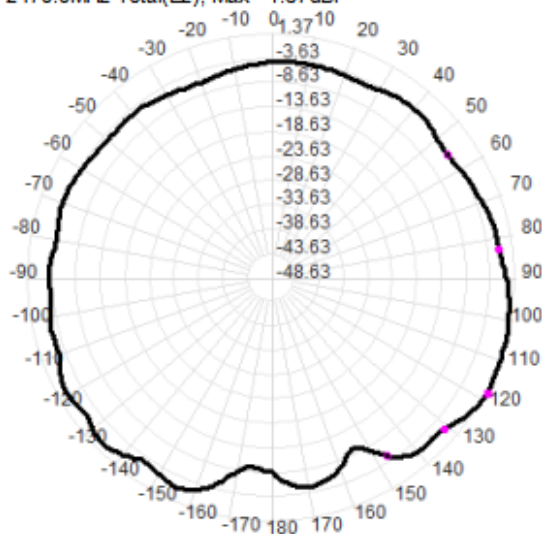
2460.0MHz Total(H), Max= 0.87dBi



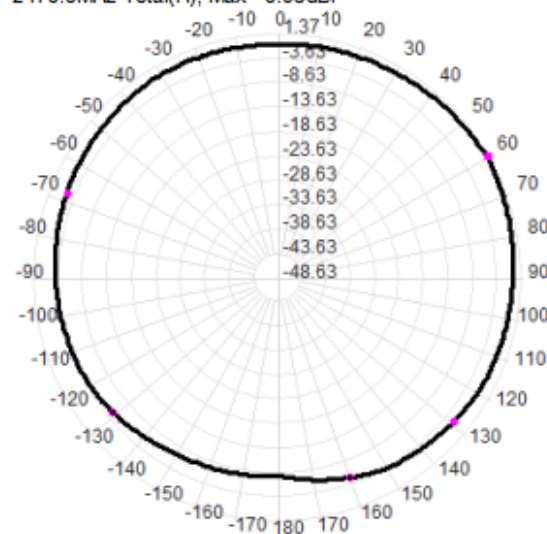
2470.0MHz Total(E1), Max= -0.63dBi



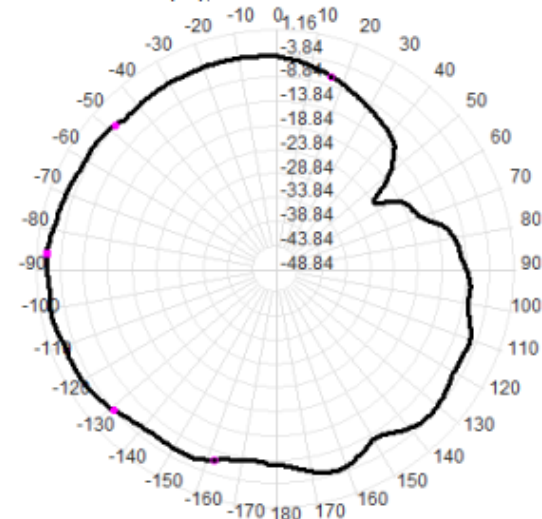
2470.0MHz Total(E2), Max= 1.37dBi



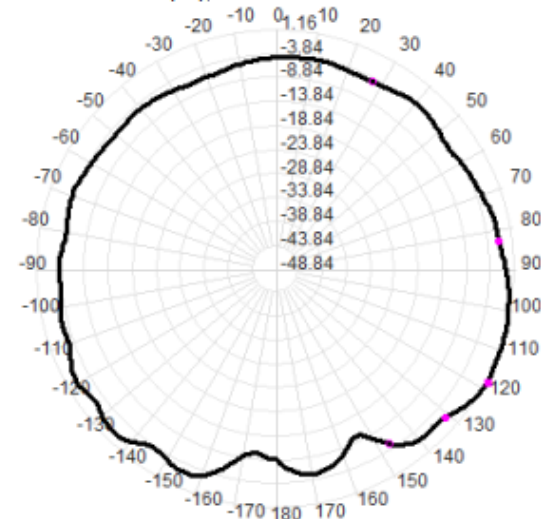
2470.0MHz Total(H), Max= 0.83dBi



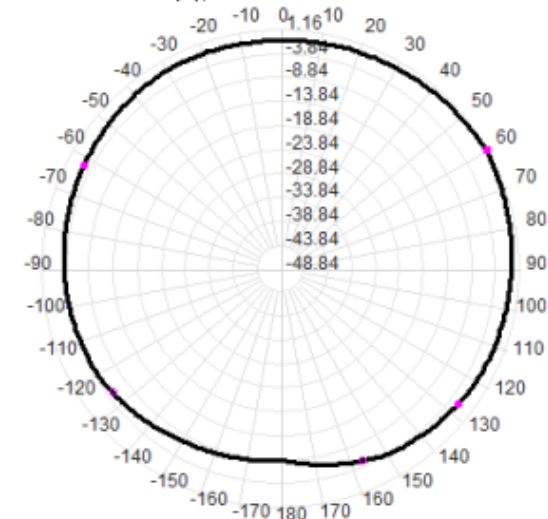
2480.0MHz Total(E1), Max= -0.97dBi



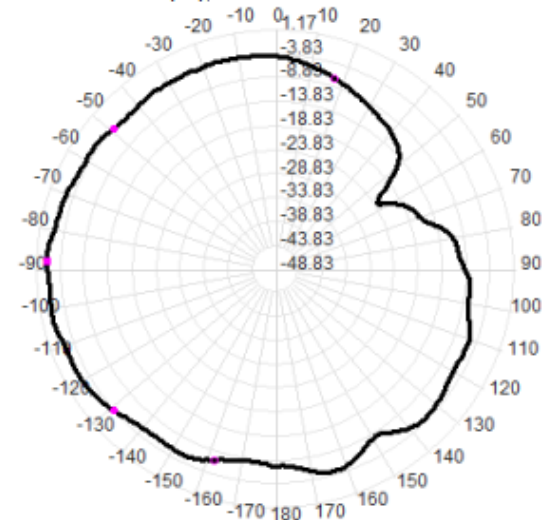
2480.0MHz Total(E2), Max= 1.16dBi



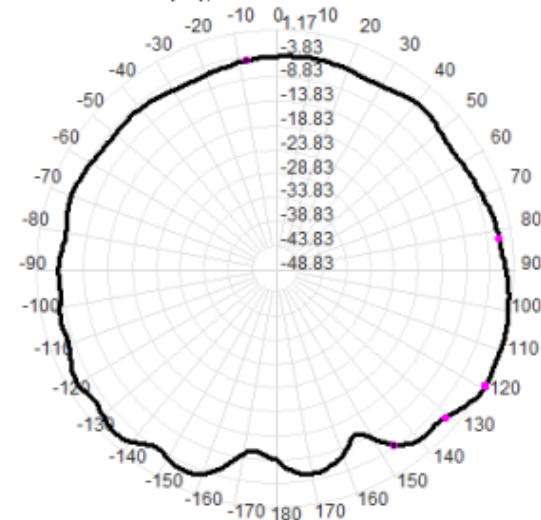
2480.0MHz Total(H), Max= 0.63dBi



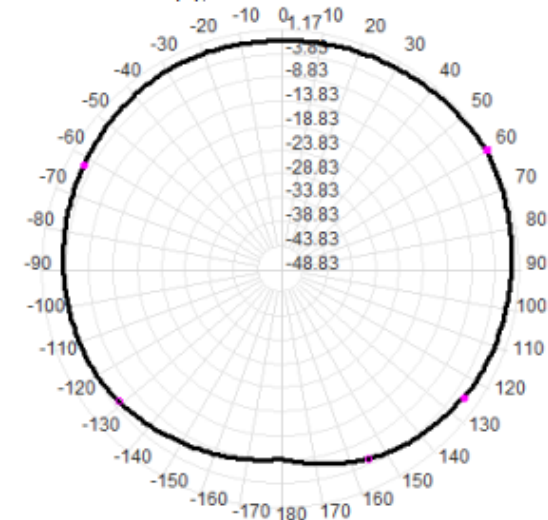
2490.0MHz Total(E1), Max= -1.03dBi



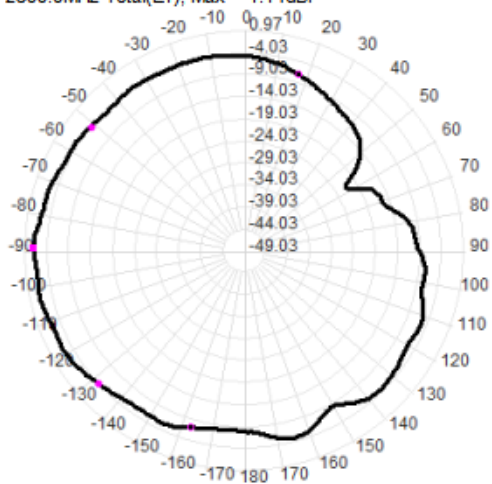
2490.0MHz Total(E2), Max= 1.17dBi



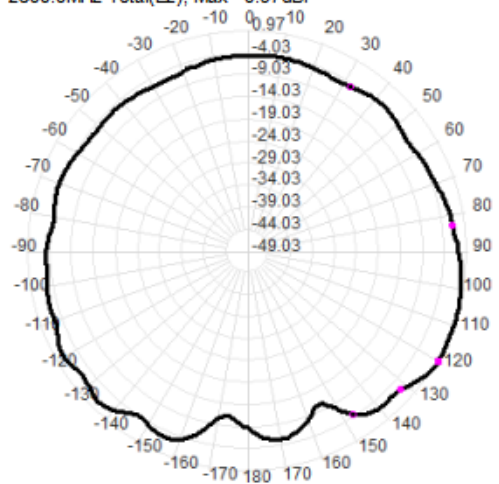
2490.0MHz Total(H), Max= 0.69dBi



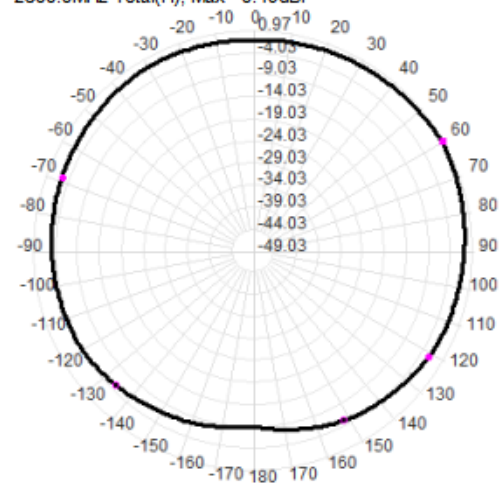
2500.0MHz Total(E1), Max=-1.14dBi



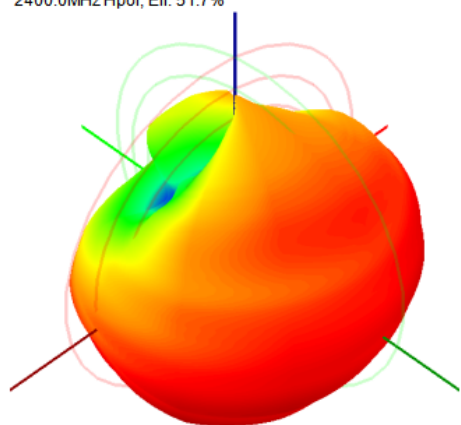
2500.0MHz Total(E2), Max= 0.97dBi



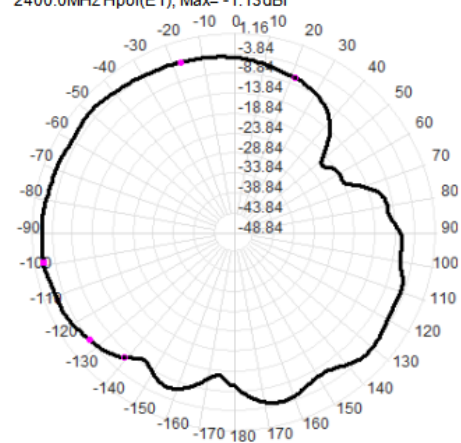
2500.0MHz Total(H), Max= 0.48dBi



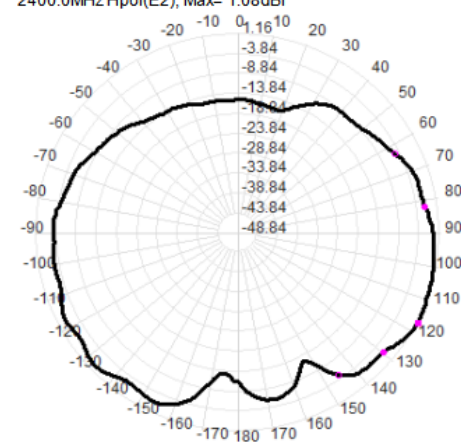
2400.0MHz Hpol, Eff: 51.7%



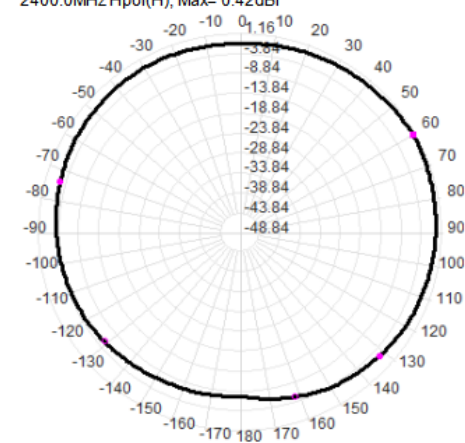
2400.0MHz Hpol(E1), Max= -1.13dBi



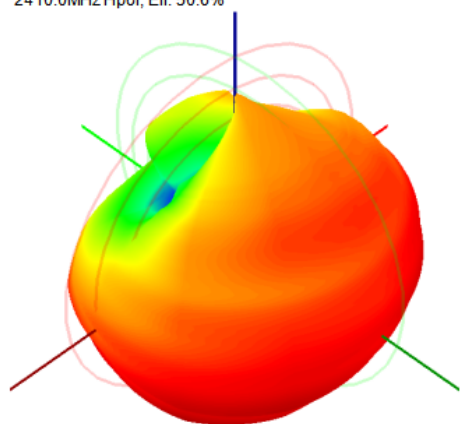
2400.0MHz Hpol(E2), Max= 1.08dBi



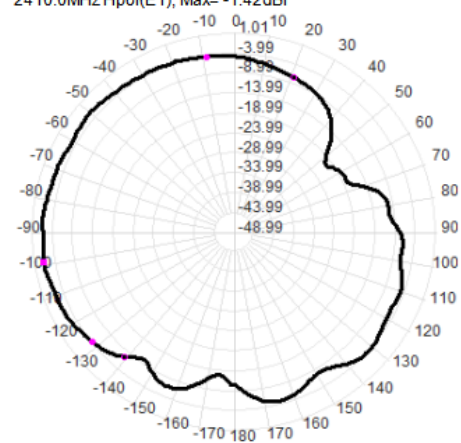
2400.0MHz Hpol(H), Max= 0.42dBi



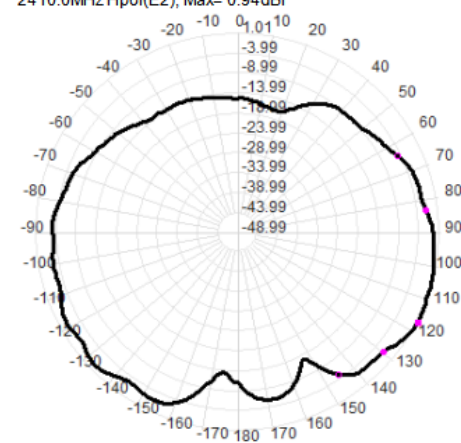
2410.0MHz Hpol, Eff: 50.6%



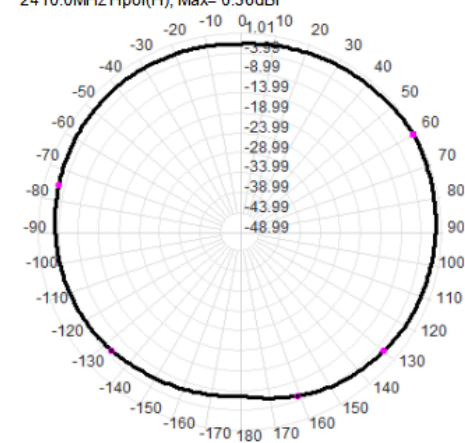
2410.0MHz Hpol(E1), Max= -1.42dBi



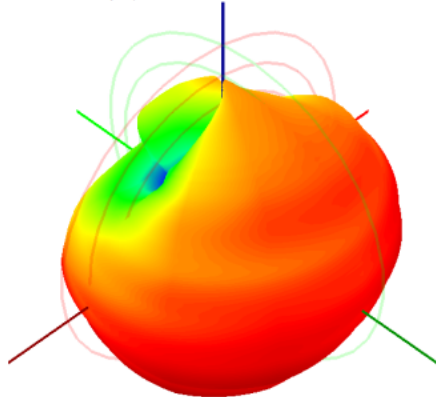
2410.0MHz Hpol(E2), Max= 0.94dBi



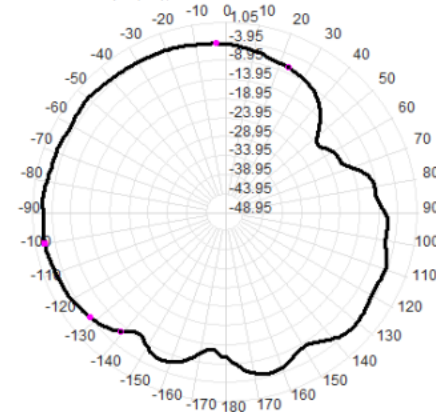
2410.0MHz Hpol(H), Max= 0.36dBi



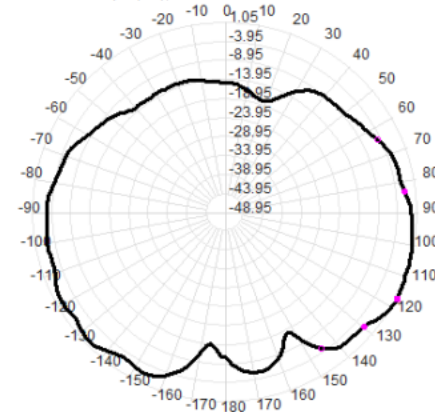
2420.0MHz Hpol, Eff: 52.0%



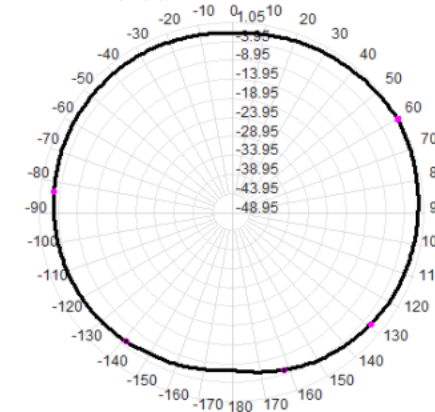
2420.0MHz Hpol(E1), Max= -1.49dBi



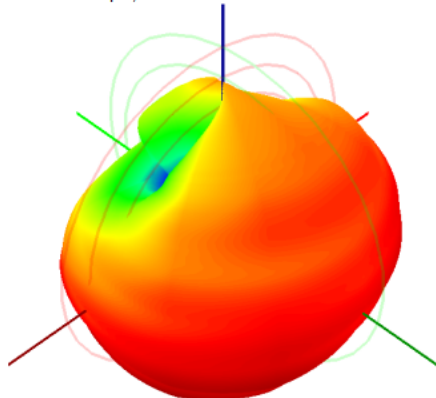
2420.0MHz Hpol(E2), Max= 0.97dBi



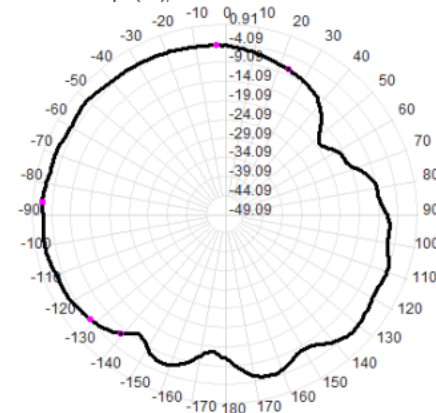
2420.0MHz Hpol(H), Max= 0.48dBi



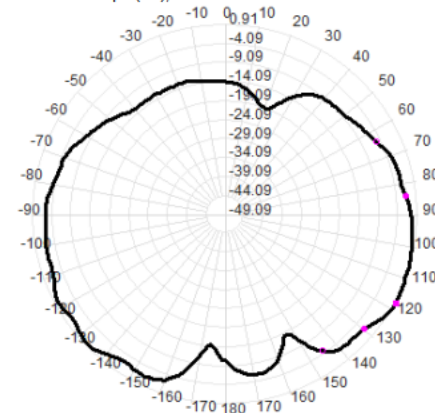
2430.0MHz Hpol, Eff: 51.8%



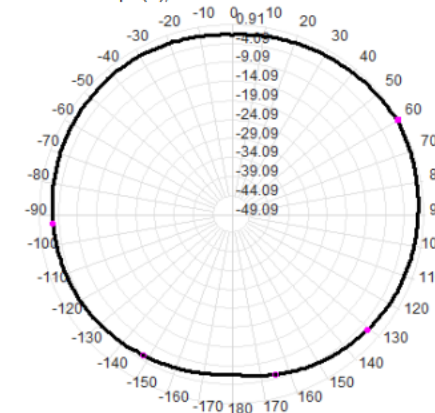
2430.0MHz Hpol(E1), Max= -1.58dBi



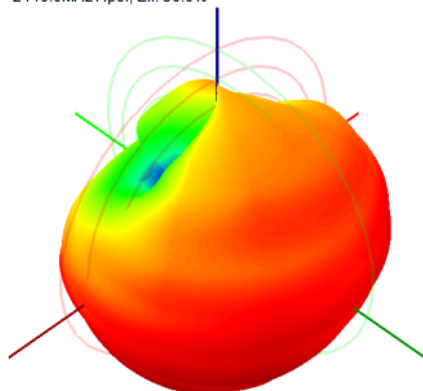
2430.0MHz Hpol(E2), Max= 0.85dBi



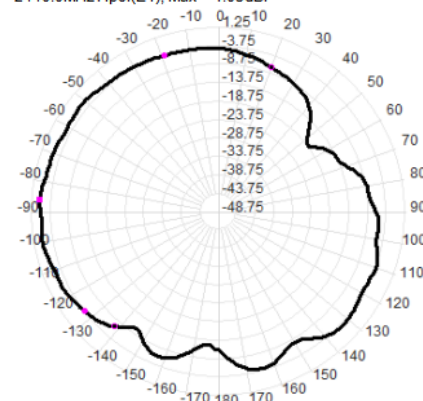
2430.0MHz Hpol(H), Max= 0.36dBi



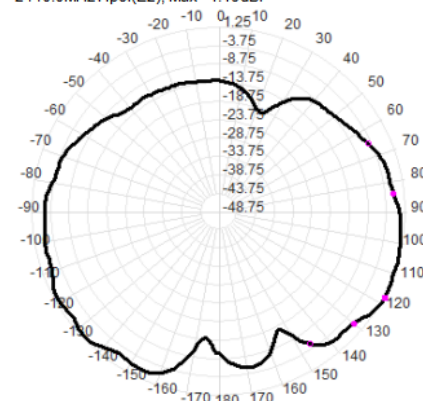
2440.0MHz Hpol, Eff: 56.0%



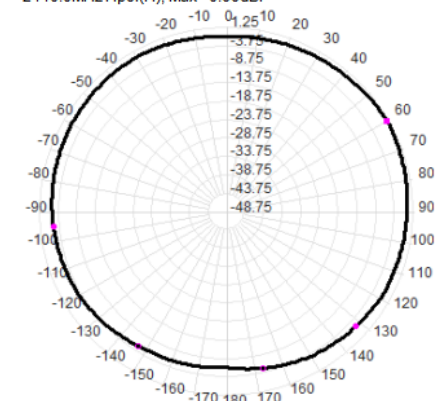
2440.0MHz Hpol(E1), Max= -1.05dBi



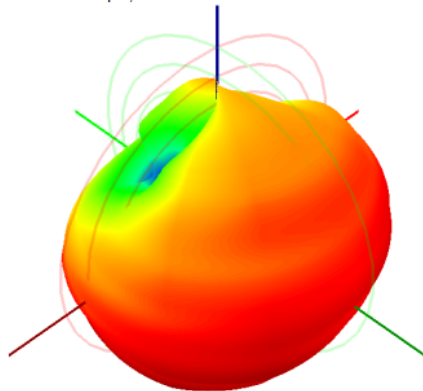
2440.0MHz Hpol(E2), Max= 1.19dBi



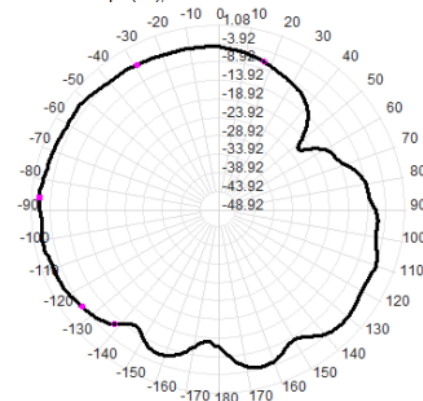
2440.0MHz Hpol(H), Max= 0.66dBi



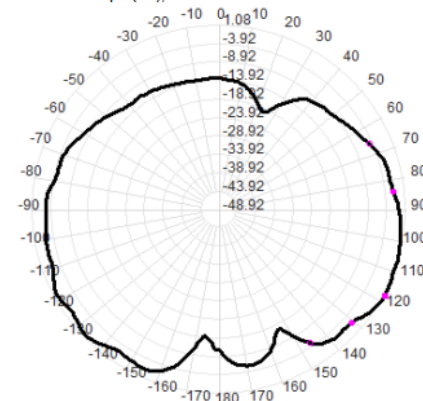
2450.0MHz Hpol, Eff: 52.3%



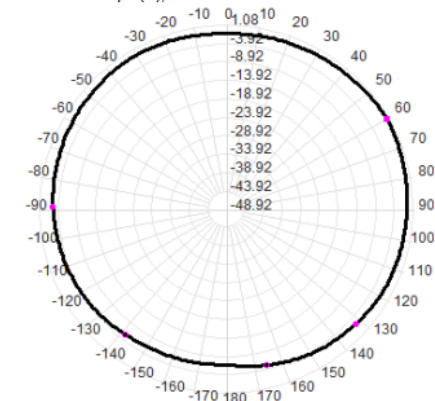
2450.0MHz Hpol(E1), Max= -1.03dBi



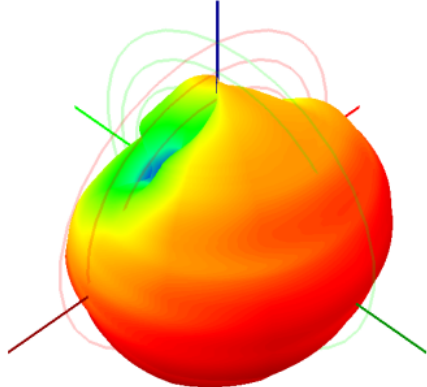
2450.0MHz Hpol(E2), Max= 1.03dBi



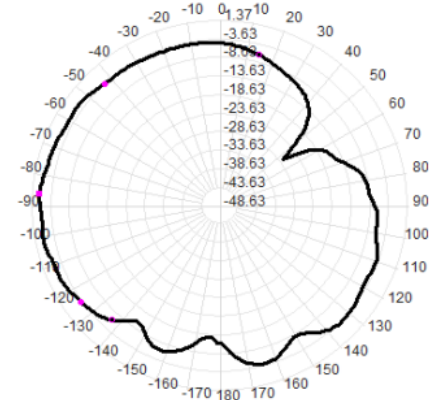
2450.0MHz Hpol(H), Max= 0.43dBi



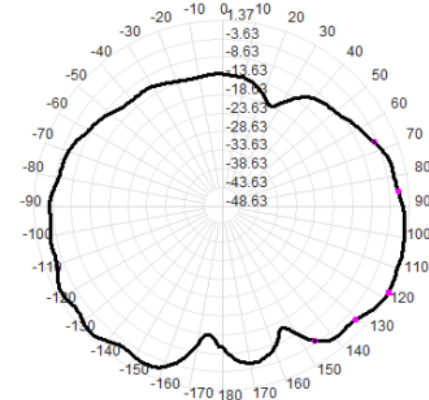
2460.0MHz Hpol, Eff: 52.1%



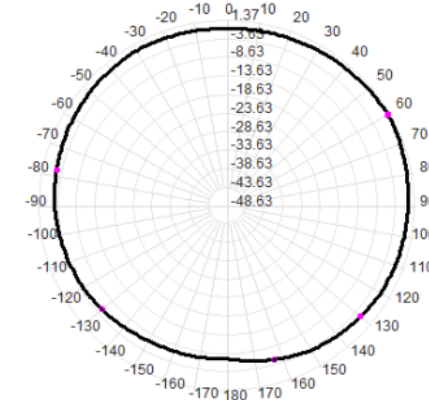
2460.0MHz Hpol(E1), Max= -0.63dBi



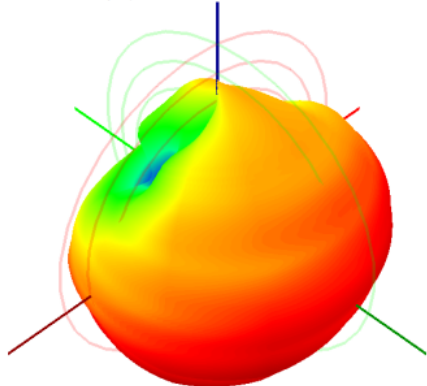
2460.0MHz Hpol(E2), Max= 1.33dBi



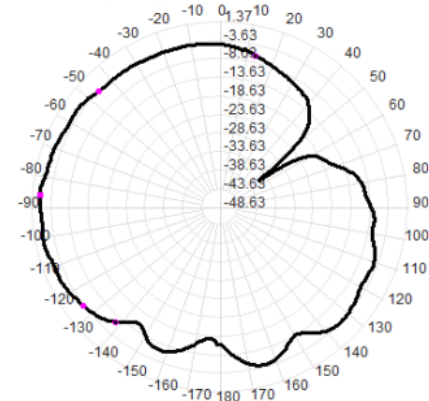
2460.0MHz Hpol(H), Max= 0.67dBi



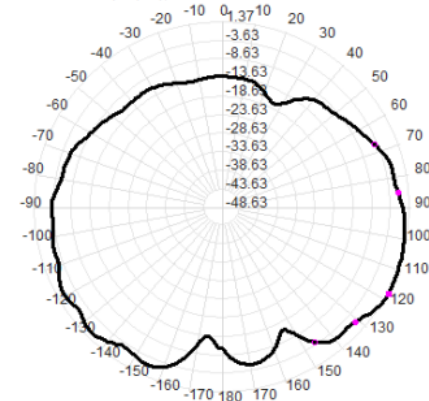
2470.0MHz Hpol, Eff: 50.0%



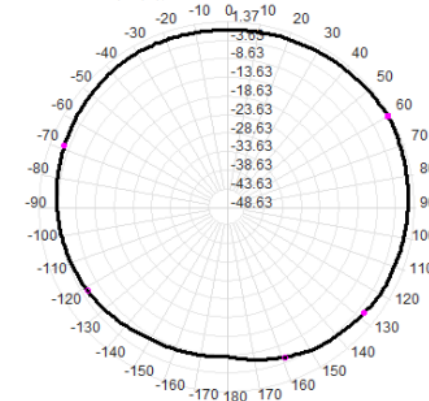
2470.0MHz Hpol(E1), Max= -0.67dBi



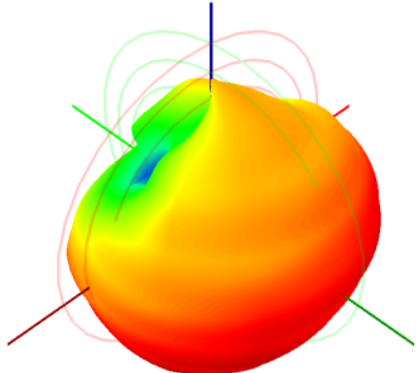
2470.0MHz Hpol(E2), Max= 1.33dBi



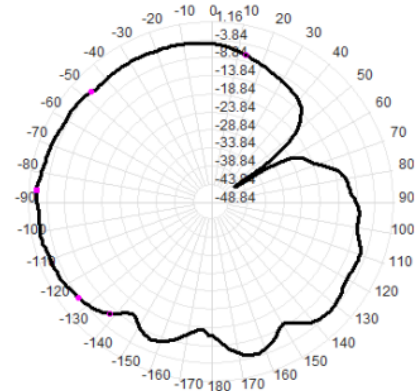
2470.0MHz Hpol(H), Max= 0.65dBi



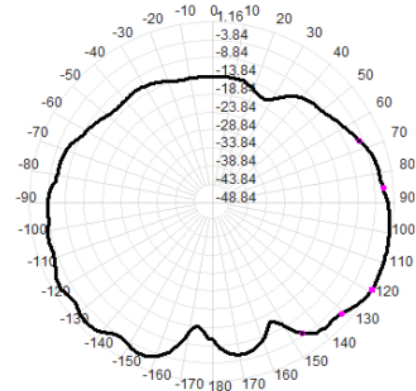
2480.0MHz Hpol, Eff: 46.3%



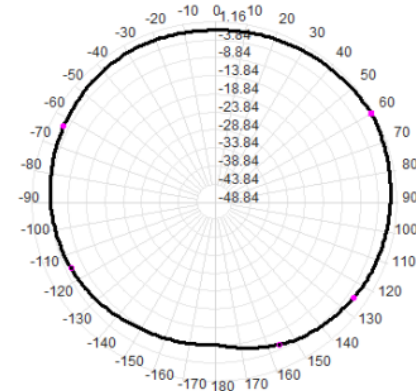
2480.0MHz Hpol(E1), Max= -1.01dBi



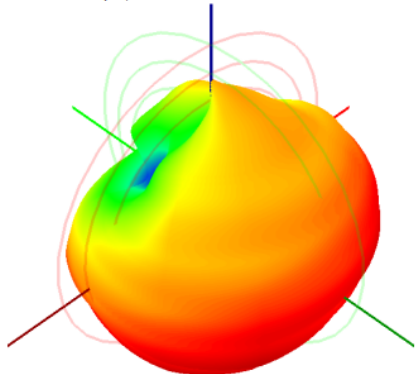
2480.0MHz Hpol(E2), Max= 1.11dBi



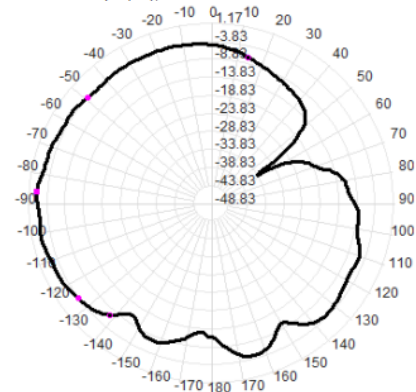
2480.0MHz Hpol(H), Max= 0.45dBi



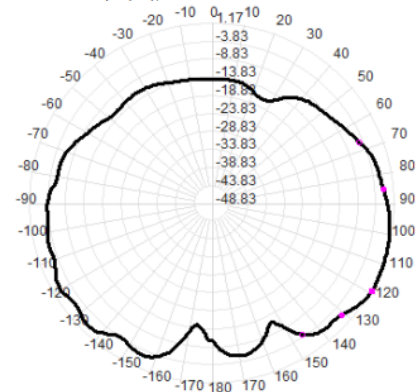
2490.0MHz Hpol, Eff: 45.9%



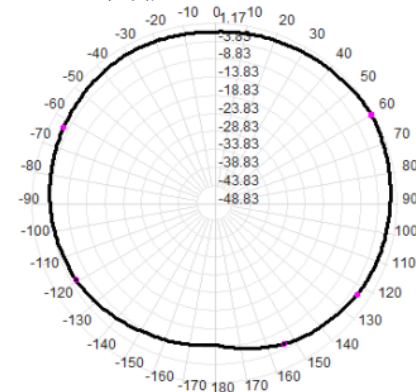
2490.0MHz Hpol(E1), Max= -1.10dBi



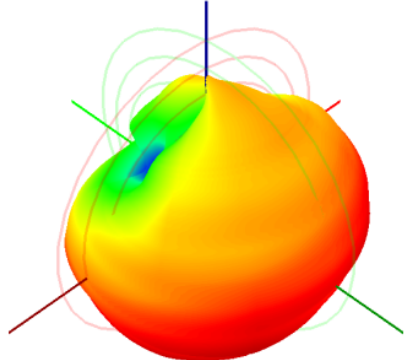
2490.0MHz Hpol(E2), Max= 1.12dBi



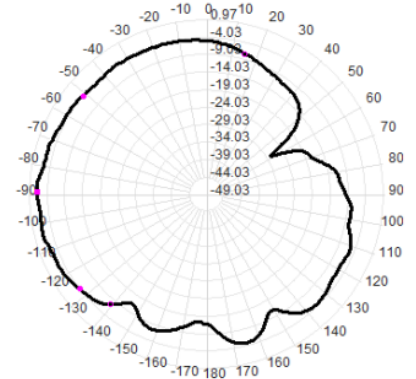
2490.0MHz Hpol(H), Max= 0.50dBi



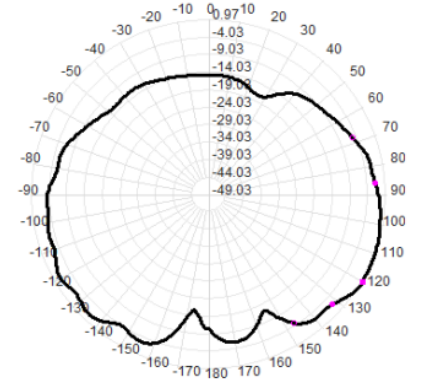
2500.0MHz Hpol, Eff: 44.6%



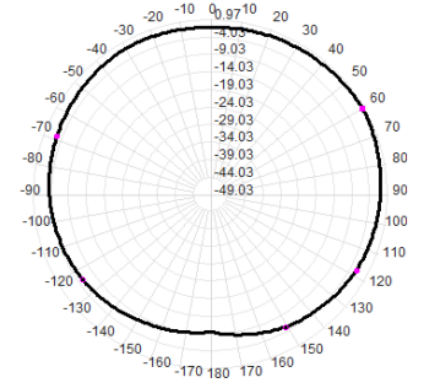
2500.0MHz Hpol(E1), Max= -1.24dBi



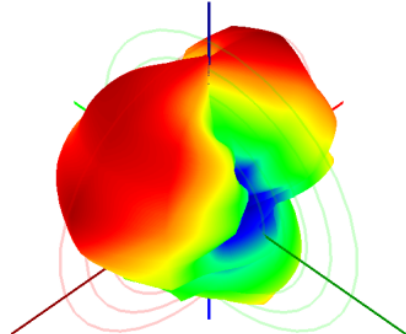
2500.0MHz Hpol(E2), Max= 0.94dBi



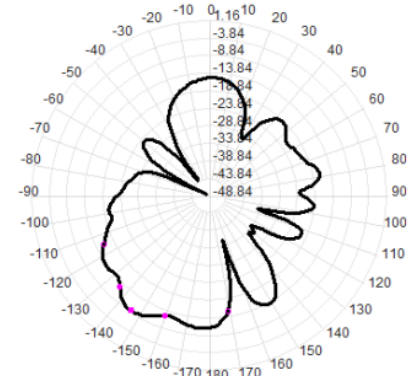
2500.0MHz Hpol(H), Max= 0.32dBi



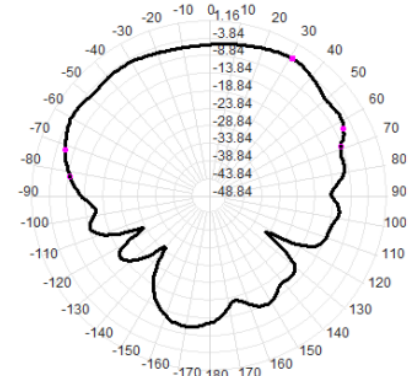
2400.0MHz Vpol, Eff: 8.4%



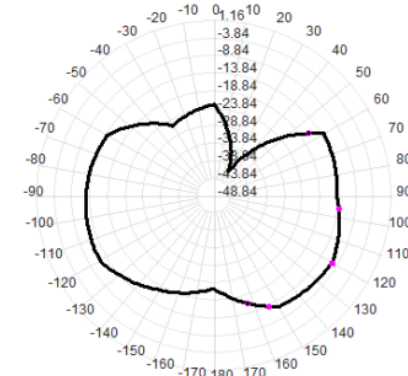
2400.0MHz Vpol(E1), Max=-9.54dBi



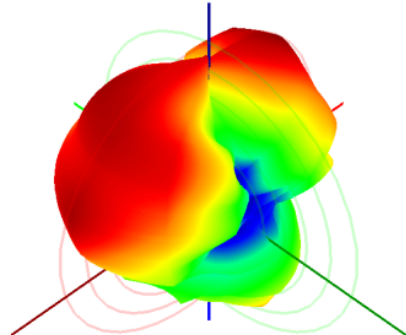
2400.0MHz Vpol(E2), Max=-3.34dBi



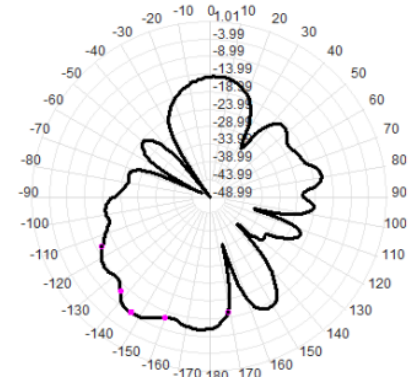
2400.0MHz Vpol(H), Max=-10.63dBi



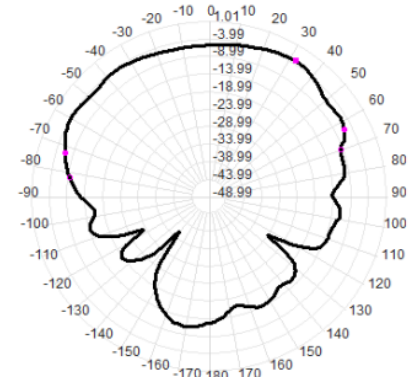
2410.0MHz Vpol, Eff: 8.5%



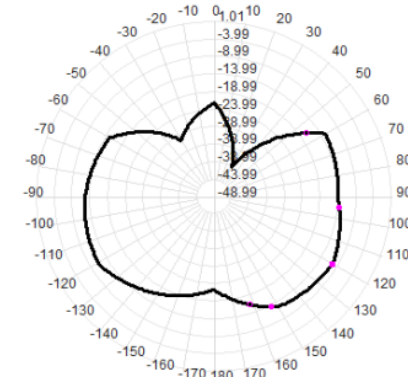
2410.0MHz Vpol(E1), Max=-9.33dBi



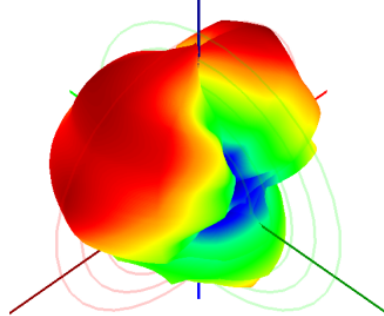
2410.0MHz Vpol(E2), Max=-3.37dBi



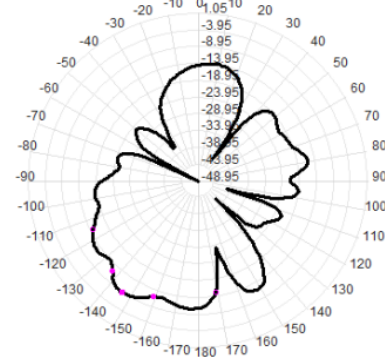
2410.0MHz Vpol(H), Max=-10.67dBi



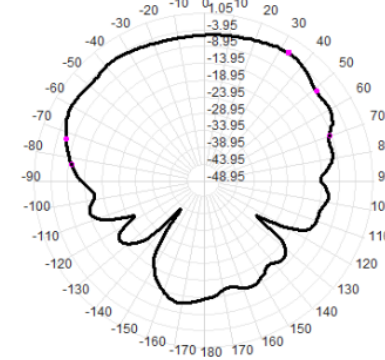
2420.0MHz Vpol, Eff: 8.4%



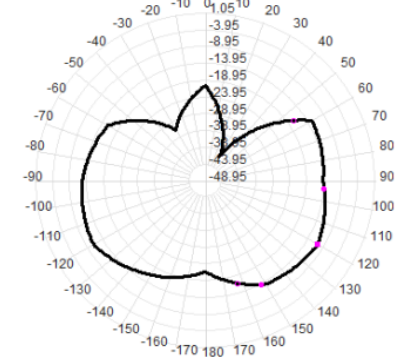
2420.0MHz Vpol(E1), Max= -8.92dBi



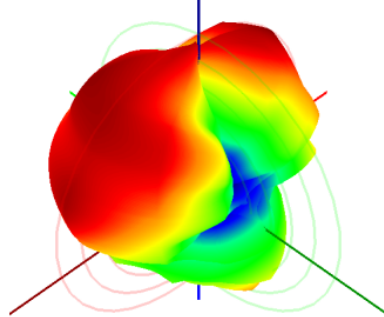
2420.0MHz Vpol(E2), Max= -3.49dBi



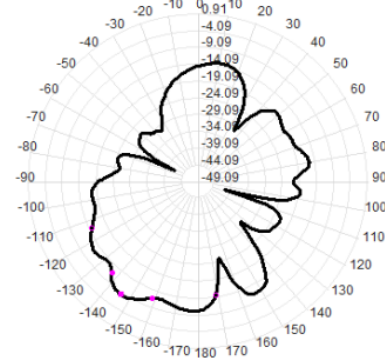
2420.0MHz Vpol(H), Max= -10.98dBi



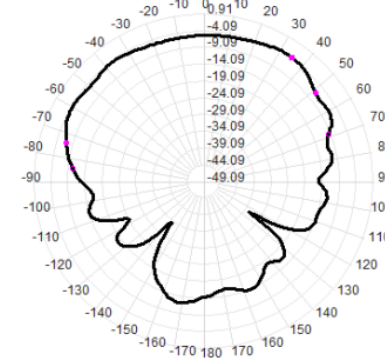
2430.0MHz Vpol, Eff: 7.9%



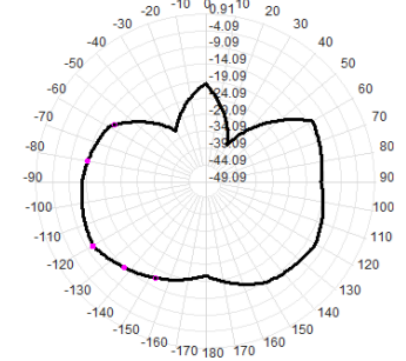
2430.0MHz Vpol(E1), Max= -8.59dBi



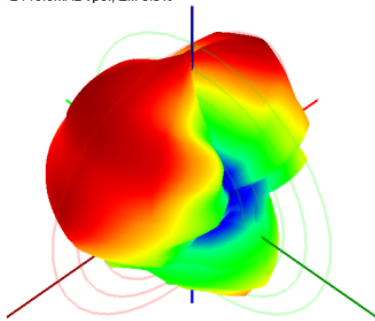
2430.0MHz Vpol(E2), Max= -3.84dBi



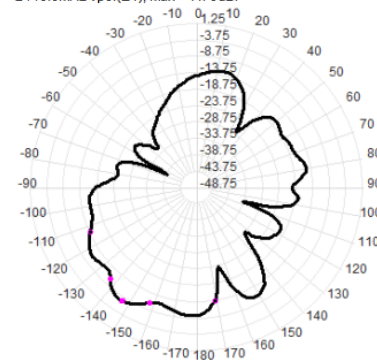
2430.0MHz Vpol(H), Max= -10.95dBi



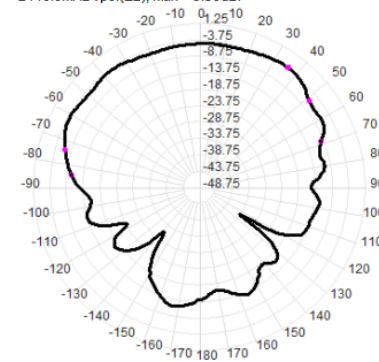
2440.0MHz Vpol, Eff: 8.5%



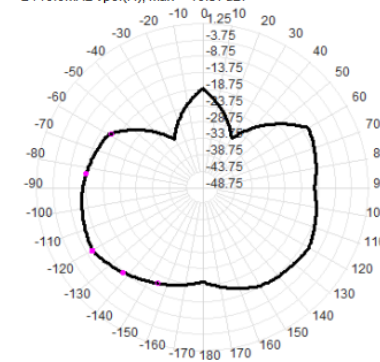
2440.0MHz Vpol(E1), Max=-7.70dBi



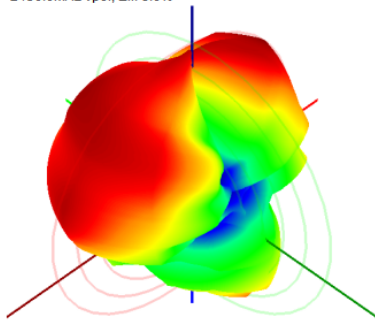
2440.0MHz Vpol(E2), Max=-3.56dBi



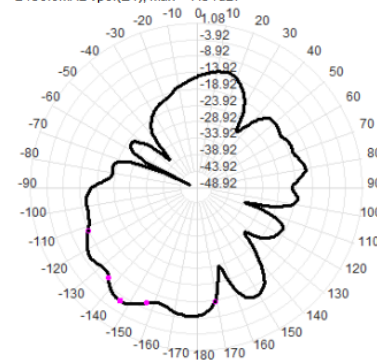
2440.0MHz Vpol(H), Max=-10.57dBi



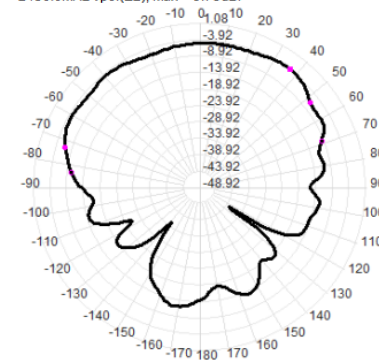
2450.0MHz Vpol, Eff: 8.0%



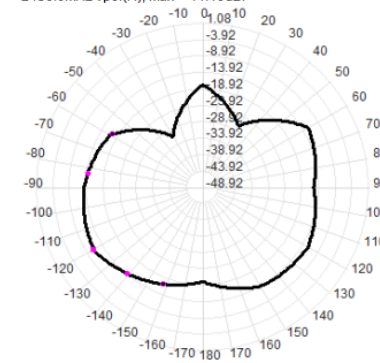
2450.0MHz Vpol(E1), Max=-7.54dBi



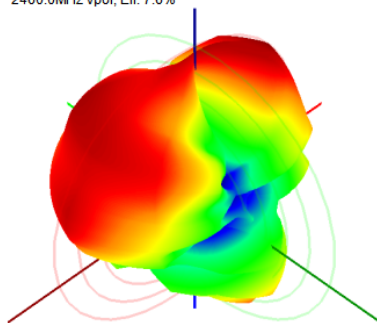
2450.0MHz Vpol(E2), Max=-3.78dBi



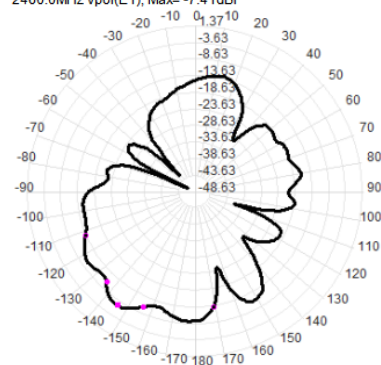
2450.0MHz Vpol(H), Max=-11.16dBi



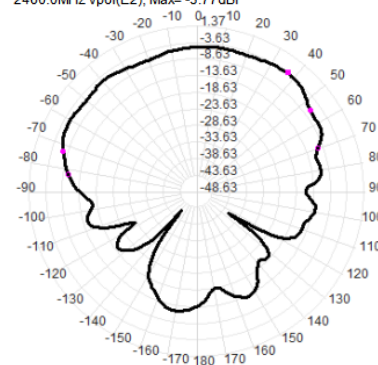
2460.0MHz Vpol, Eff: 7.6%



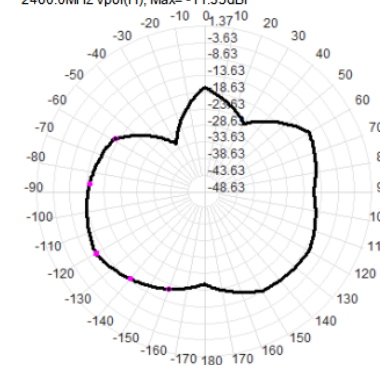
2460.0MHz Vpol(E1), Max= -7.41dBi



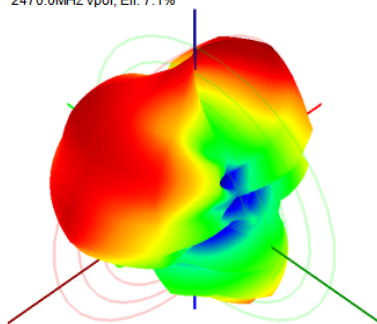
2460.0MHz Vpol(E2), Max= -3.77dBi



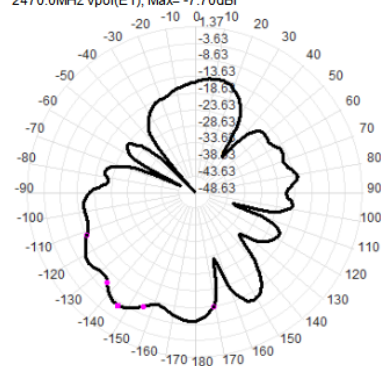
2460.0MHz Vpol(H), Max= -11.35dBi



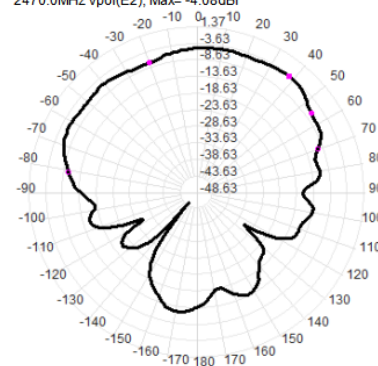
2470.0MHz Vpol, Eff: 7.1%



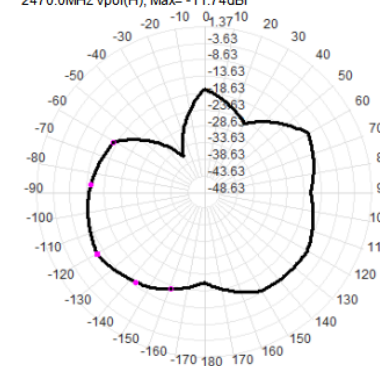
2470.0MHz Vpol(E1), Max= -7.70dBi



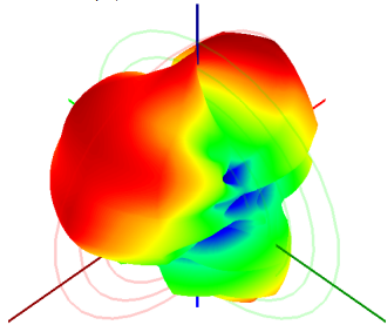
2470.0MHz Vpol(E2), Max= -4.08dBi



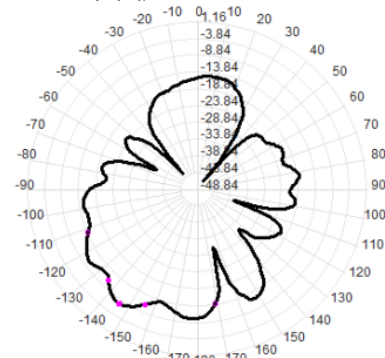
2470.0MHz Vpol(H), Max= -11.74dBi



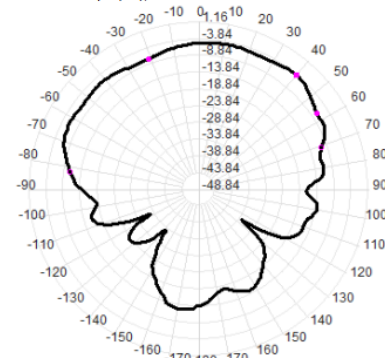
2480.0MHz Vpol, Eff: 6.9%



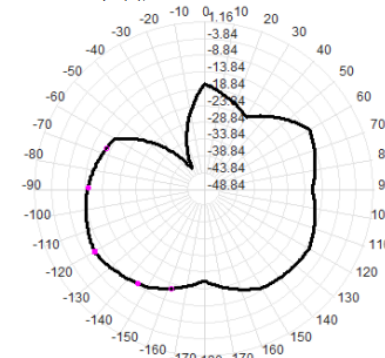
2480.0MHz Vpol(E1), Max=-7.80dBi



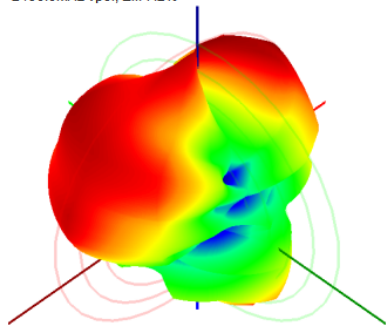
2480.0MHz Vpol(E2), Max=-4.30dBi



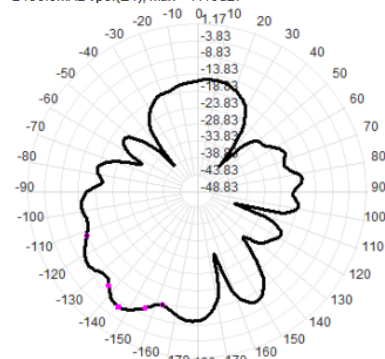
2480.0MHz Vpol(H), Max=-11.60dBi



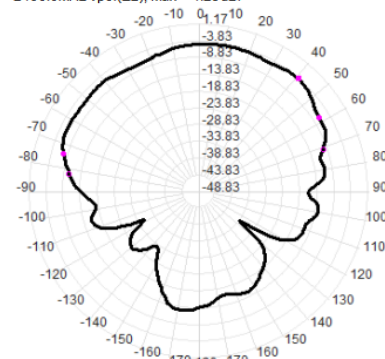
2490.0MHz Vpol, Eff: 7.2%



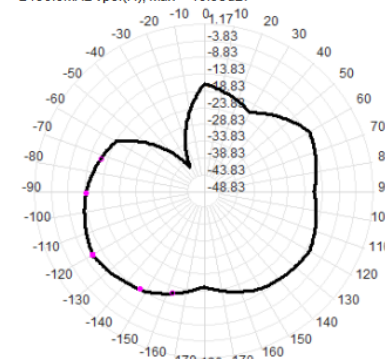
2490.0MHz Vpol(E1), Max=-7.40dBi



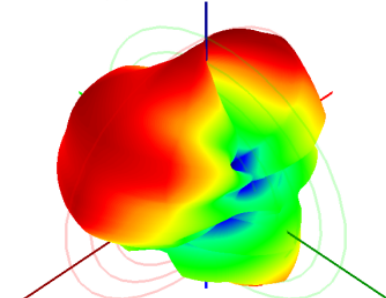
2490.0MHz Vpol(E2), Max=-4.23dBi



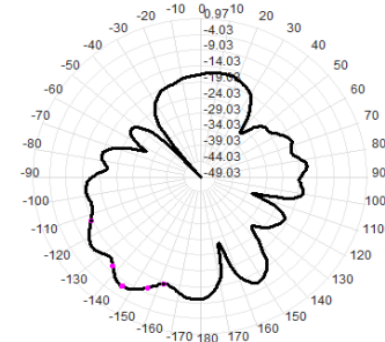
2490.0MHz Vpol(H), Max=-10.98dBi



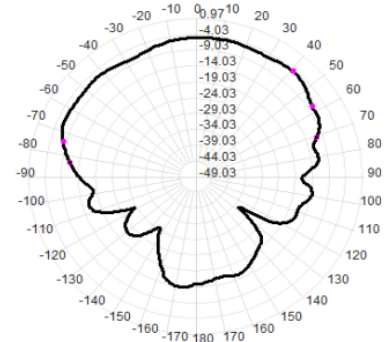
2500.0MHz Vpol, Eff: 6.7%



2500.0MHz Vpol(E1), Max=-7.45dBi



2500.0MHz Vpol(E2), Max=-4.81dBi



2500.0MHz Vpol(H), Max=-10.91dBi

