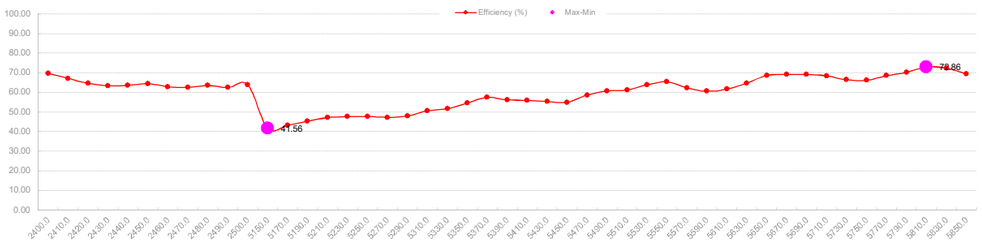
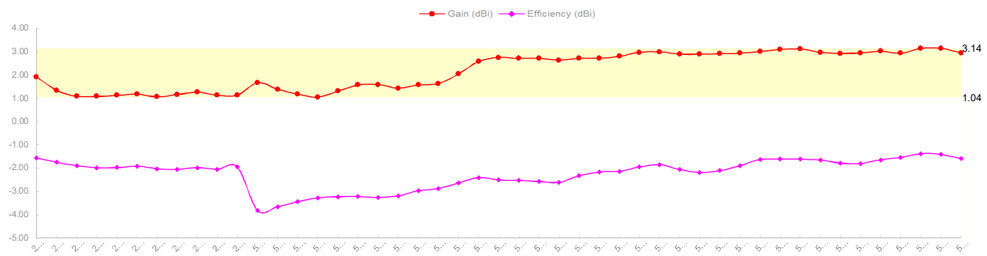
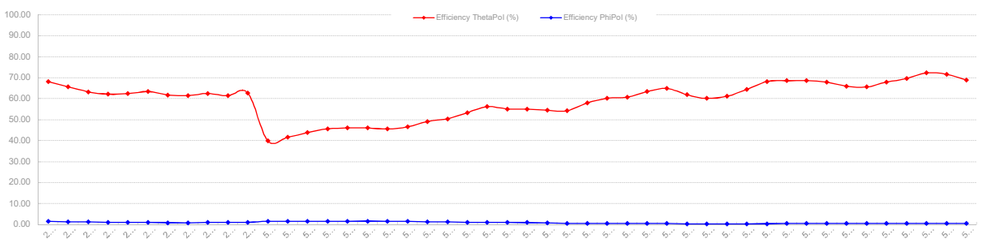
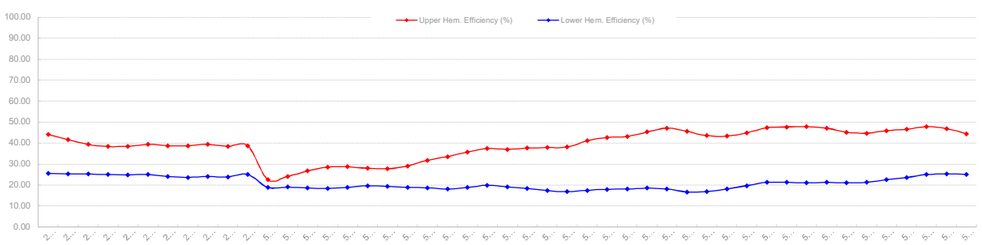
科信无线

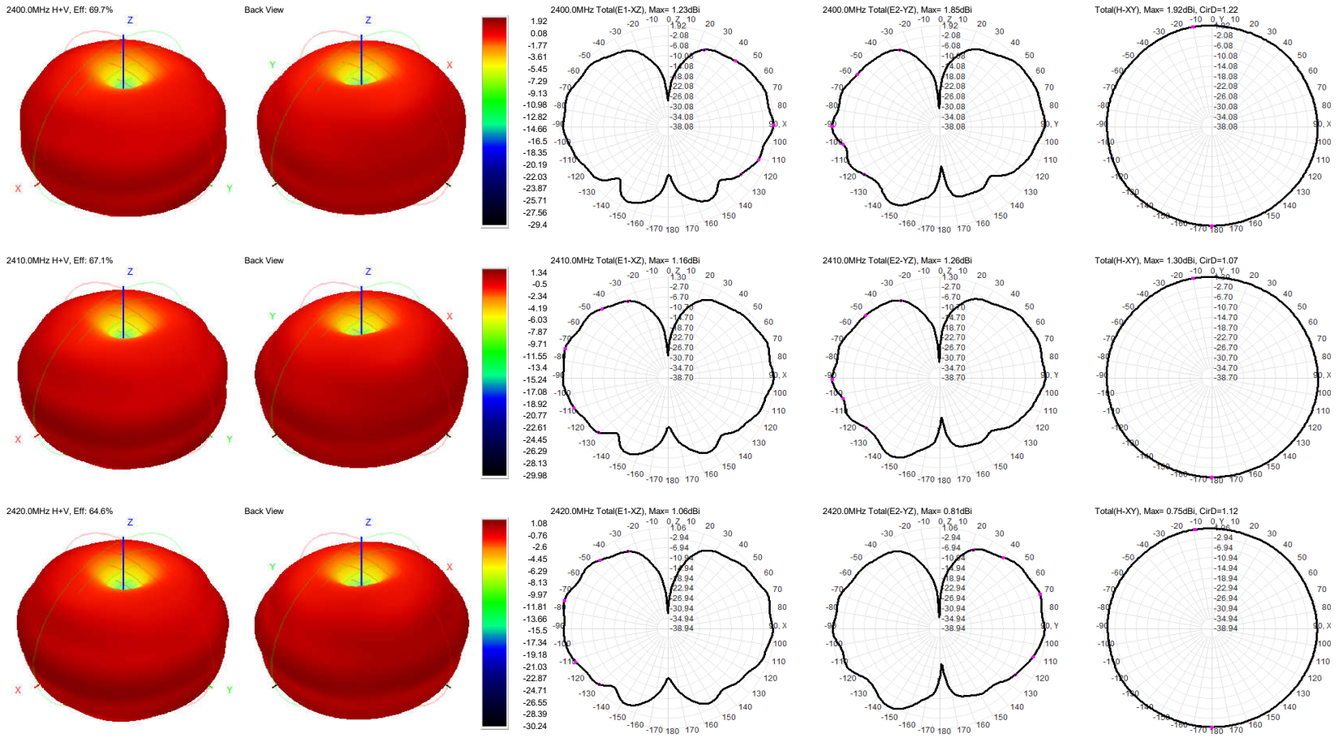
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5170.0	5190.0	5210.0	5230.0	5250.0	5270.0	5290.0	5310.0	5330.0	5350.0	5370.0	5390.0	5410.0	5430.0	5450.0	5470.0	5490.0	5510.0	5530.0	5550.0	5570.0	5590.0	5610.0	5630.0	5650.0	5670.0	5690.0	5710.0	5730.0	5750.0	5770.0	5790.0	5810.0	5830.0	5850.0
Efficiency (dBi)	-1.57	-1.73	-1.90	-1.98	-1.97	-1.91	-2.02	-2.04	-1.98	-2.05	-1.95	-3.81	-3.65	-3.44	-3.27	-3.22	-3.21	-3.26	-3.19	-2.96	-2.87	-2.63	-2.41	-2.50	-2.53	-2.58	-2.60	-2.32	-2.17	-2.13	-1.95	-1.85	-2.06	-2.18	-2.11	-1.89	-1.63	-1.61	-1.61	-1.65	-1.78	-1.80	-1.64	-1.54	-1.38	-1.41	-1.58
Gain (dBi)	1.92	1.34	1.08	1.08	1.12	1.18	1.06	1.16	1.26	1.14	1.13	1.67	1.38	1.19	1.04	1.31	1.57	1.58	1.43	1.58	1.63	2.05	2.57	2.75	2.70	2.71	2.63	2.71	2.72	2.79	2.97	2.99	2.90	2.88	2.92	2.93	3.01	3.08	3.11	2.97	2.92	2.95	3.01	2.93	3.13	3.14	2.94
Efficiency (%)	69.71	67.11	64.59	63.33	63.49	64.43	62.77	62.46	63.46	62.40	63.81	41.56	43.19	45.30	47.11	47.62	47.71	47.24	48.02	50.54	51.66	54.59	57.44	56.17	55.91	55.26	54.89	58.56	60.73	61.20	63.80	65.34	62.28	60.52	61.56	64.72	68.63	68.99	69.01	68.43	66.37	66.09	68.48	70.17	72.86	72.29	69.48
Directivity (dB)	3.48	3.07	2.98	3.06	3.10	3.09	3.08	3.20	3.24	3.18	3.08	5.48	5.02	4.63	4.31	4.53	4.78	4.84	4.62	4.54	4.49	4.67	4.98	5.25	5.23	5.28	5.24	5.03	4.88	4.92	4.92	4.84	4.95	5.06	5.02	4.82	4.64	4.70	4.72	4.61	4.70	4.75	4.66	4.47	4.51	4.55	4.52
Peak Gain Position (Theta)	91.00	91.00	74.00	75.00	76.00	77.00	84.00	86.00	87.00	88.00	89.00	120.00	120.00	26.00	63.00	64.00	120.00	119.00	83.00	82.00	82.00	82.00	82.00	82.00	82.00	81.00	81.00	81.00	81.00	82.00	82.00	83.00	81.00	81.00	81.00	82.00	82.00	83.00	83.00	81.00	81.00	81.00	82.00	82.00	83.00	84.00	85.00
Peak Gain Position (Phi)	79.00	79.00	6.00	2.00	0.00	356.00	108.00	87.00	87.00	83.00	81.00	96.00	97.00	192.00	288.00	267.00	98.00	97.00	195.00	194.00	20.00	196.00	194.00	196.00	196.00	42.00	43.00	42.00	43.00	151.00	163.00	206.00	42.00	46.00	43.00	43.00	145.00	176.00	210.00	47.00	52.00	60.00	107.00	110.00	173.00	216.00	221.00
Efficiency ThetaPol (%)	68.24	65.73	63.30	62.14	62.39	63.40	61.82	61.52	62.48	61.39	62.74	39.90	41.62	43.79	45.63	46.05	46.02	45.59	46.50	49.15	50.41	53.41	56.27	55.10	54.95	54.44	54.20	57.96	60.21	60.72	63.32	64.86	61.84	60.11	61.17	64.32	68.18	68.51	68.53	67.95	65.88	65.56	67.91	69.58	72.26	71.70	68.86
Efficiency PhiPol (%)	1.48	1.39	1.29	1.19	1.10	1.03	0.95	0.94	0.98	1.01	1.08	1.65	1.58	1.51	1.48	1.57	1.69	1.65	1.52	1.39	1.25	1.19	1.17	1.06	0.96	0.83	0.69	0.60	0.52	0.49	0.48	0.48	0.44	0.40	0.39	0.40	0.46	0.48	0.48	0.48	0.49	0.52	0.57	0.59	0.60	0.59	0.62
Upper Hem. Efficiency (%)	44.24	41.77	39.35	38.35	38.54	39.41	38.73	38.77	39.40	38.46	38.74	22.63	24.16	26.74	28.62	28.69	28.01	27.75	29.06	31.83	33.60	35.77	37.48	37.02	37.62	37.85	38.08	41.05	42.72	43.10	45.26	47.19	45.51	43.60	43.30	44.96	47.32	47.72	47.85	47.16	45.23	44.75	45.98	46.56	47.85	46.96	44.43
Lower Hem. Efficiency (%)	25.48	25.34	25.24	24.98	24.95	25.02	24.04	23.69	24.06	23.94	25.07	18.92	19.04	18.56	18.49	18.92	19.70	19.49	18.96	18.71	18.06	18.83	19.96	19.15	18.29	17.42	16.82	17.51	18.02	18.10	18.54	18.14	16.77	16.92	18.26	19.75	21.32	21.27	21.16	21.26	21.14	21.34	22.51	23.61	25.01	25.33	25.05
T90(H)圆度	1.22	1.07	1.12	1.21	1.58	1.94	2.12	2.12	1.89	1.63	1.35	4.03	3.17	3.26	3.81	4.32	4.28	3.44	2.47	1.73	1.85	1.96	2.22	2.63	2.31	1.62	2.10	2.06	1.57	0.86	1.55	2.04	1.49	1.96	2.04	1.20	0.60	1.47	2.09	1.78	1.35	1.38	0.72	0.82	1.89	2.18	2.06
Gain 15deg (dBi)																																															
E1(XZ)波瓣宽度	67.00	67.00	68.00	69.00	68.00	69.00	68.00	70.00	71.00	71.00	70.00	12.00	12.00	12.00	11.00	14.00	14.00	13.00	13.00	13.00	16.00	14.00	13.00	13.00	13.00	13.00	15.00	15.00	15.00	15.00	15.00	14.00	14.00	15.00	16.00	17.00	16.00	16.00	15.00	15.00	17.00	31.00	30.00	18.00	18.00	17.00	18.00
E1(XZ)前后比	6.26	6.36	6.30	6.18	5.86	5.51	5.34	5.36	5.45	5.73	5.86	4.00	4.32	4.88	4.95	5.17	5.31	5.76	6.51	7.19	7.79	8.33	8.54	8.78	9.36	10.15	10.99	11.78	12.33	11.70	10.75	10.08	10.06	10.19	10.19	9.93	9.07	8.41	7.93	7.29	6.73	6.77	7.12	7.10	6.56	5.88	5.49
E2(YZ)波瓣宽度	45.00	55.00	68.00	70.00	71.00	70.00	50.00	48.00	47.00	47.00	48.00	13.00	13.00	13.00	12.00	11.00	13.00	14.00	12.00	13.00	12.00	13.00	13.00	13.00	13.00	14.00	15.00	16.00	15.00	15.00	14.00	14.00	15.00	17.00	30.00	19.00	16.00	15.00	15.00	15.00	30.00	30.00	30.00	19.00	17.00	17.00	18.00
E2(YZ)前后比	4.90	4.15	3.51	3.29	3.18	3.32	3.78	4.31	4.74	4.99	5.05	3.18	3.31	3.66	4.20	4.65	4.83	5.47	6.00	6.50	7.21	7.57	8.06	8.29	8.70	9.48	10.20	10.80	11.08	10.65	9.91	9.54	9.42	9.81	9.92	9.39	8.41	7.86	7.59	7.03	6.76	6.80	6.84	6.36	5.87	5.70	5.34
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	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	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	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	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	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	252.00	351.00	349.00	316.00	285.00	285.00	335.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00
Hc(XY)前后比	0.88	0.57	0.59	0.85	1.39	1.84	1.99	1.93	1.67	1.34	1.09	0.00	0.00	0.32	0.39	0.26	0.00	0.00	0.00	0.01	0.37	0.37	0.20	0.14	0.07	0.06	1.45	1.78	1.09	0.28	0.01	0.00	0.00	1.29	1.77	0.87	0.23	0.02	0.00	0.00	0.37	1.04	0.59	0.04	0.10	0.08	0.08
Empty																																															

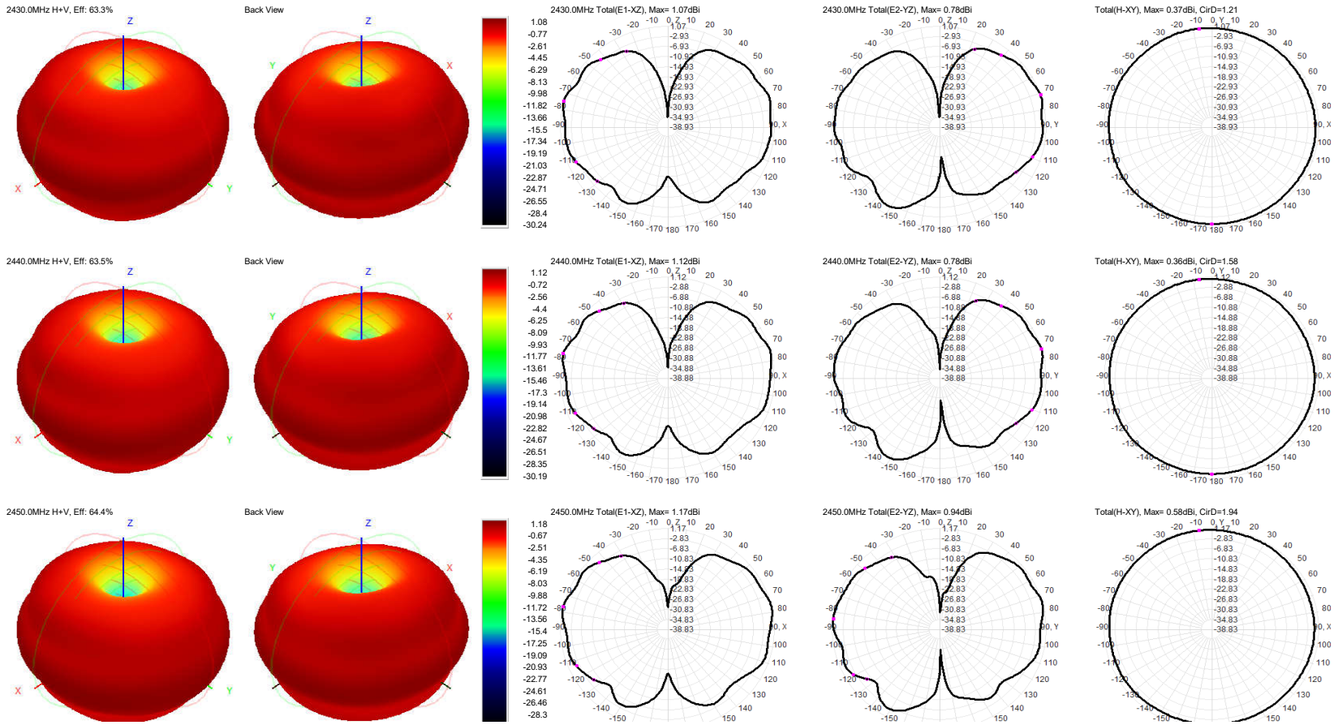


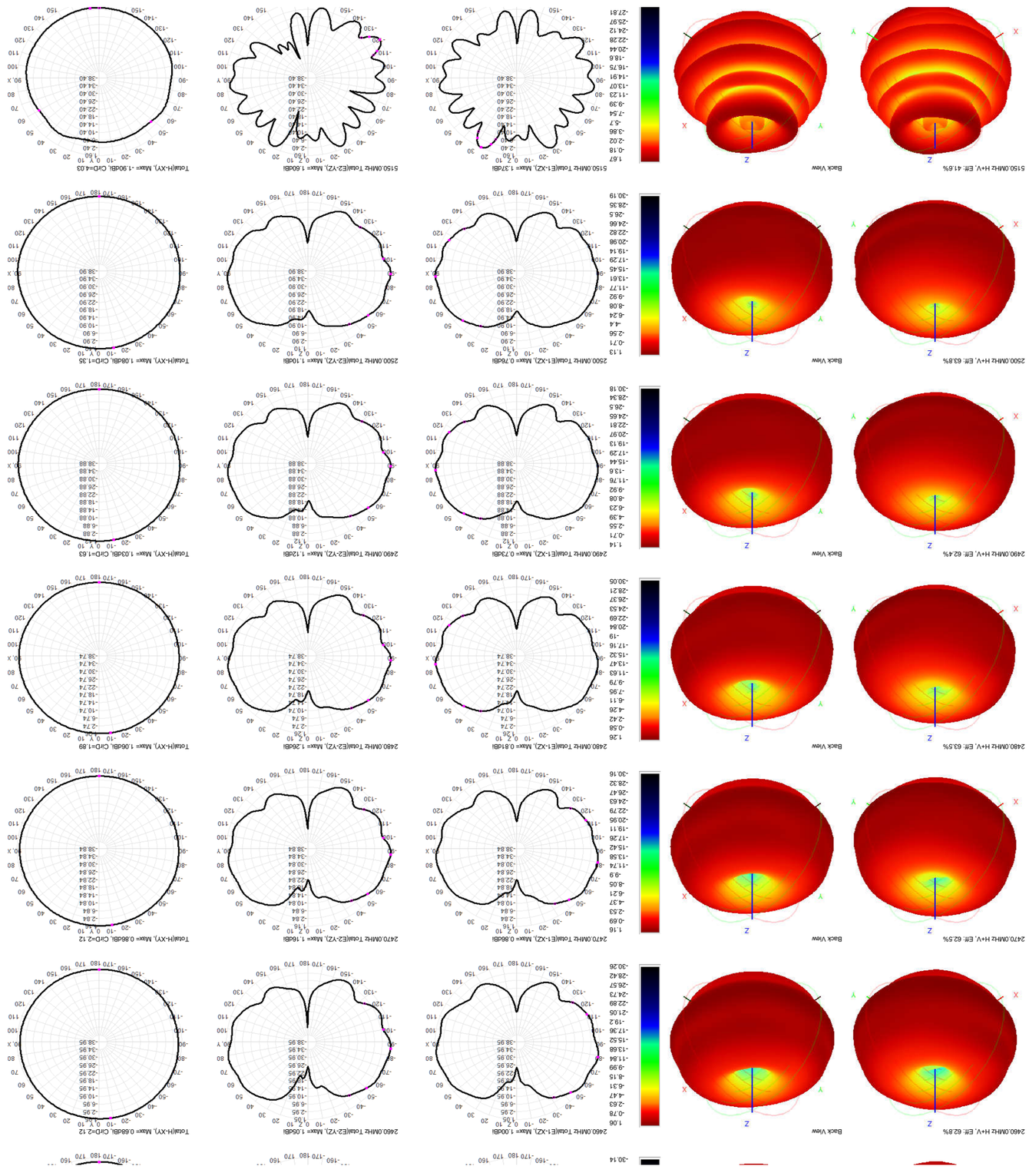


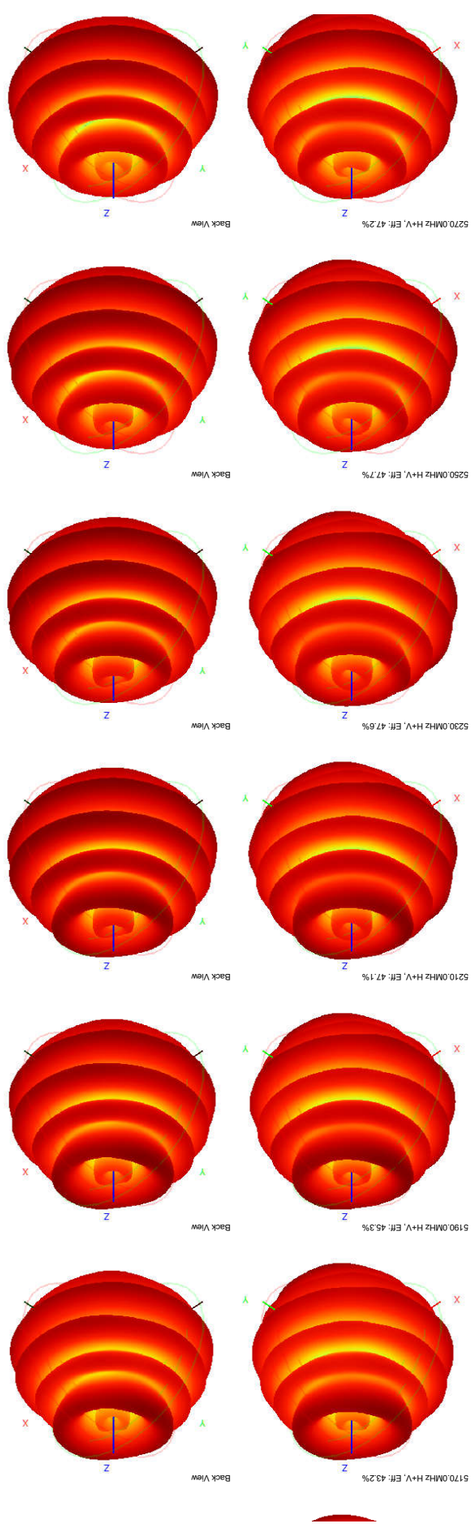


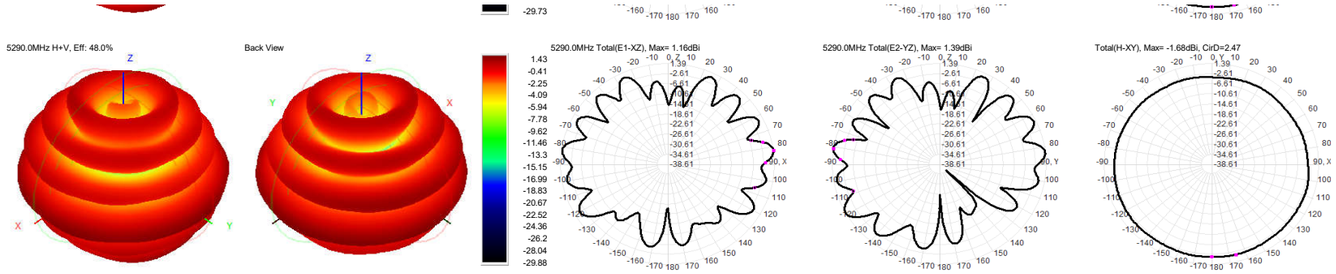


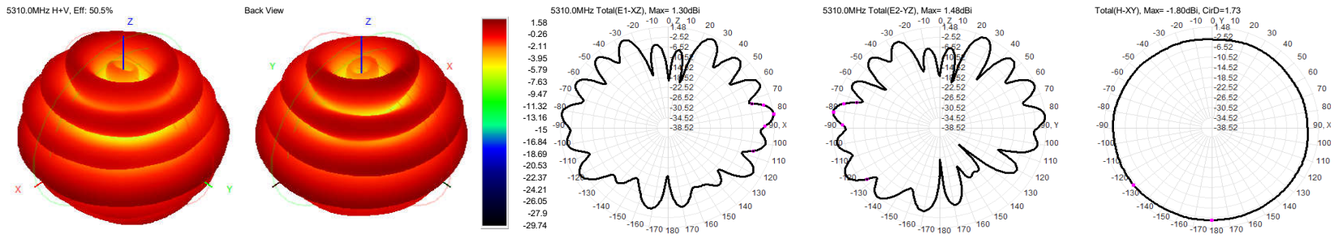

2400.0MHz H+V, Eff: 69.7%
Back View
2400.0MHz Total(E1-XZ), Max= 1.23dBi
2400.0MHz Total(E2-YZ), Max= 1.85dBi
Total(H-XY), Max= 1.92dBi, CirD=1.22
2410.0MHz H+V, Eff: 67.1%
Back View
2410.0MHz Total(E1-XZ), Max= 1.16dBi
2410.0MHz Total(E2-YZ), Max= 1.26dBi
Total(H-XY), Max= 1.30dBi, CirD=1.07
2420.0MHz H+V, Eff: 64.6%
Back View
2420.0MHz Total(E1-XZ), Max= 1.06dBi
2420.0MHz Total(E2-YZ), Max= 0.81dBi
Total(H-XY), Max= 0.75dBi, CirD=1.12

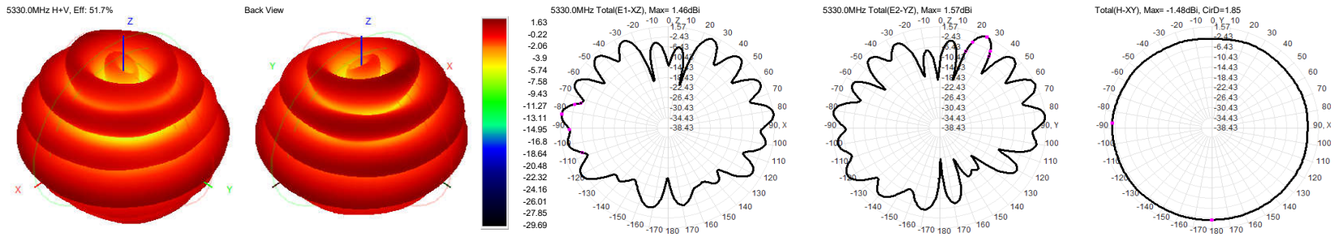

2430.0MHz H+V, Eff: 63.3%
Back View
2430.0MHz Total(E1-XZ), Max= 1.07dBi
2430.0MHz Total(E2-YZ), Max= 0.78dBi
Total(H-XY), Max= 0.37dBi, CirD=1.21
2440.0MHz H+V, Eff: 63.5%
Back View
2440.0MHz Total(E1-XZ), Max= 1.12dBi
2440.0MHz Total(E2-YZ), Max= 0.78dBi
Total(H-XY), Max= 0.36dBi, CirD=1.58
2450.0MHz H+V, Eff: 64.4%
Back View
2450.0MHz Total(E1-XZ), Max= 1.17dBi
2450.0MHz Total(E2-YZ), Max= 0.94dBi
Total(H-XY), Max= 0.58dBi, CirD=1.94

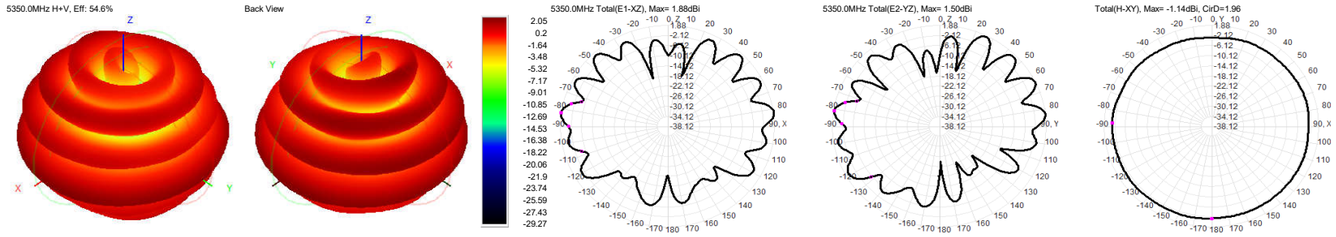

2460.0MHz H+V, Eff: 62.8%
Back View
2460.0MHz Total(E1-XZ), Max= 1.06dB
2460.0MHz Total(E2-YZ), Max= 1.06dB
Total(H-XY), Max= 0.86dB, CrD=2.12
2470.0MHz H+V, Eff: 62.5%
Back View
2470.0MHz Total(E1-XZ), Max= 0.86dB
2470.0MHz Total(E2-YZ), Max= 1.66dB
Total(H-XY), Max= 0.86dB, CrD=2.12
2480.0MHz H+V, Eff: 63.5%
Back View
2480.0MHz Total(E1-XZ), Max= 0.81dB
2480.0MHz Total(E2-YZ), Max= 1.26dB
Total(H-XY), Max= 1.06dB, CrD=1.89
2490.0MHz H+V, Eff: 62.4%
Back View
2490.0MHz Total(E1-XZ), Max= 0.73dB
2490.0MHz Total(E2-YZ), Max= 1.12dB
Total(H-XY), Max= 1.03dB, CrD=1.63
2500.0MHz H+V, Eff: 63.8%
Back View
2500.0MHz Total(E1-XZ), Max= 0.76dB
2500.0MHz Total(E2-YZ), Max= 1.10dB
Total(H-XY), Max= 1.08dB, CrD=1.35
5150.0MHz H+V, Eff: 41.6%
Back View
5150.0MHz Total(E1-XZ), Max= 1.37dB
5150.0MHz Total(E2-YZ), Max= 1.60dB
Total(H-XY), Max= -1.90dB, CrD=4.03

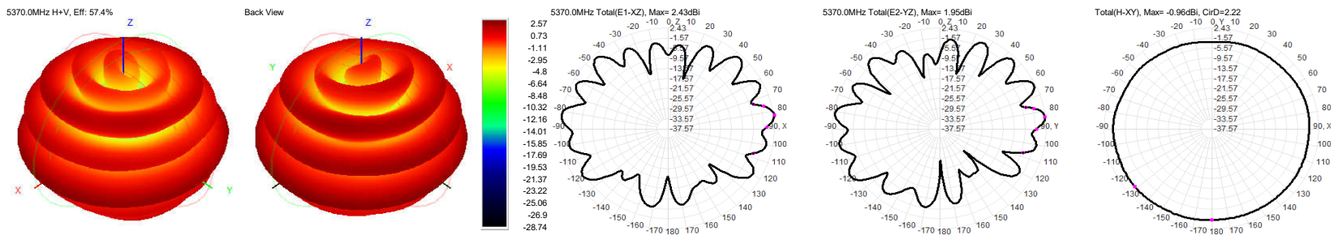

5170.0MHz H+V, Eff: 43.2%
Back View
5170.0MHz Total(E1-XZ), Max= 1.14dB
5170.0MHz Total(E2-YZ), Max= 1.28dB
Total(H-XY), Max= -1.96dB, CHD=3.17
5190.0MHz H+V, Eff: 45.3%
Back View
5190.0MHz Total(E1-XZ), Max= 1.17dB
5190.0MHz Total(E2-YZ), Max= 0.92dB
Total(H-XY), Max= -1.61dB, CHD=3.26
5210.0MHz H+V, Eff: 47.1%
Back View
5210.0MHz Total(E1-XZ), Max= 0.90dB
5210.0MHz Total(E2-YZ), Max= 1.00dB
Total(H-XY), Max= -1.20dB, CHD=3.81
5230.0MHz H+V, Eff: 47.6%
Back View
5230.0MHz Total(E1-XZ), Max= 1.11dB
5230.0MHz Total(E2-YZ), Max= 1.31dB
Total(H-XY), Max= -0.95dB, CHD=4.32
5250.0MHz H+V, Eff: 47.7%
Back View
5250.0MHz Total(E1-XZ), Max= 1.26dB
5250.0MHz Total(E2-YZ), Max= 1.41dB
Total(H-XY), Max= -1.04dB, CHD=4.28
5270.0MHz H+V, Eff: 47.2%
Back View
5270.0MHz Total(E1-XZ), Max= 1.20dB
5270.0MHz Total(E2-YZ), Max= 1.49dB
Total(H-XY), Max= -1.37dB, CHD=3.44

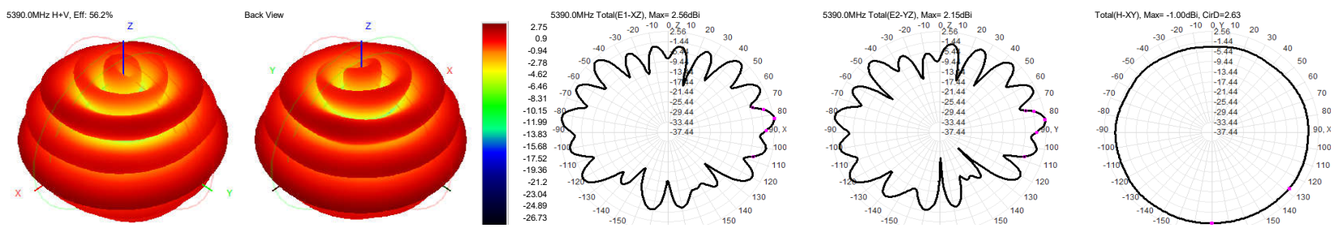

5290.0MHz H+V, Eff: 48.0%
Back View
5290.0MHz Total(E1-XZ), Max= 1.16dBi
5290.0MHz Total(E2-YZ), Max= 1.39dBi
Total(H-XY), Max= -1.68dBi, CirD=2.47

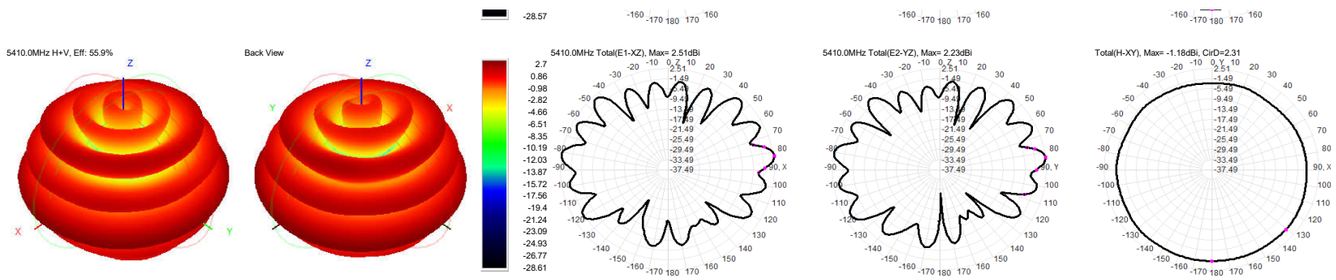

5310.0MHz H+V, Eff: 50.5%
Back View
5310.0MHz Total(E1-XZ), Max= 1.30dBi
5310.0MHz Total(E2-YZ), Max= 1.48dBi
Total(H-XY), Max= -1.80dBi, CirD=1.73

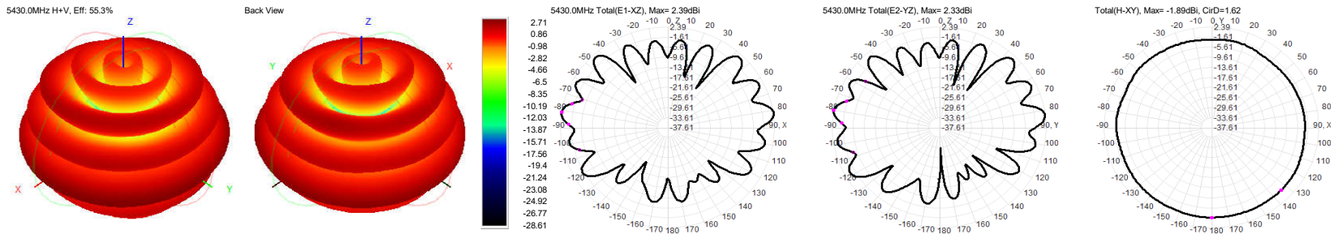

5330.0MHz H+V, Eff: 51.7%
Back View
5330.0MHz Total(E1-XZ), Max= 1.46dBi
5330.0MHz Total(E2-YZ), Max= 1.57dBi
Total(H-XY), Max= -1.48dBi, CirD=1.85

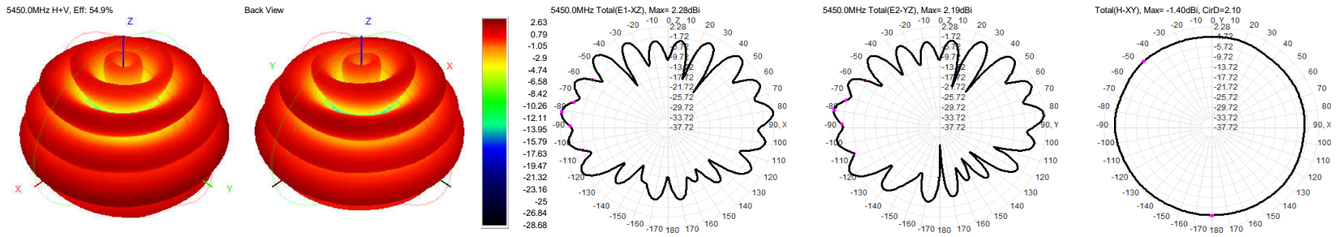

5350.0MHz H+V, Eff: 54.6%
Back View
5350.0MHz Total(E1-XZ), Max= 1.88dBi
5350.0MHz Total(E2-YZ), Max= 1.50dBi
Total(H-XY), Max= -1.14dBi, CirD=1.96

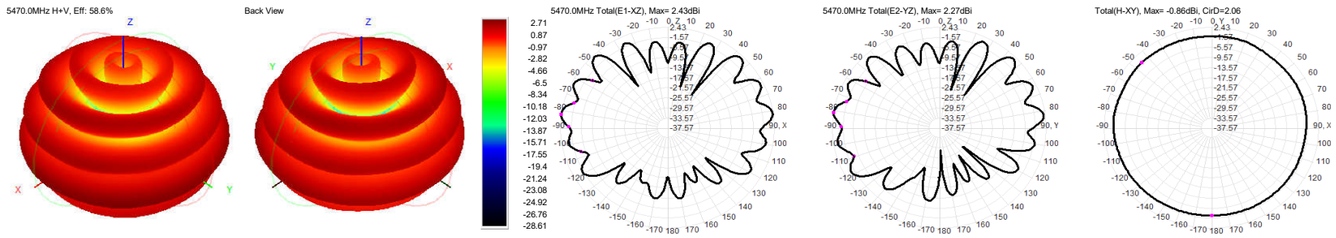

5370.0MHz H+V, Eff: 57.4%
Back View
5370.0MHz Total(E1-XZ), Max= 2.43dBi
5370.0MHz Total(E2-YZ), Max= 1.95dBi
Total(H-XY), Max= -0.96dBi, CirD=2.22

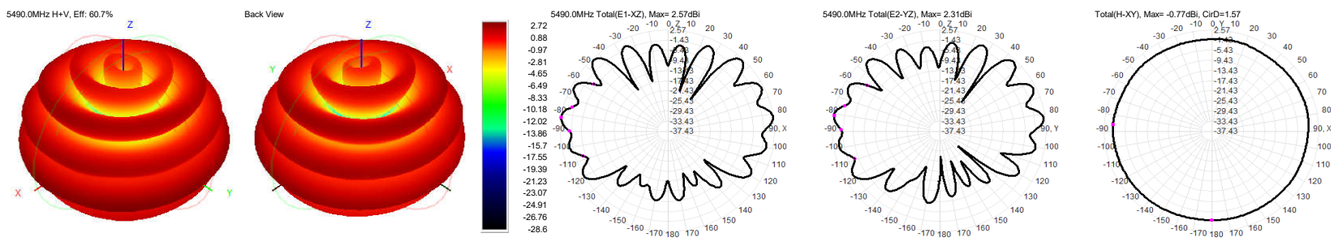

5390.0MHz H+V, Eff: 56.2%
Back View
5390.0MHz Total(E1-XZ), Max= 2.56dBi
5390.0MHz Total(E2-YZ), Max= 2.15dBi
Total(H-XY), Max= -1.00dBi, CirD=2.63

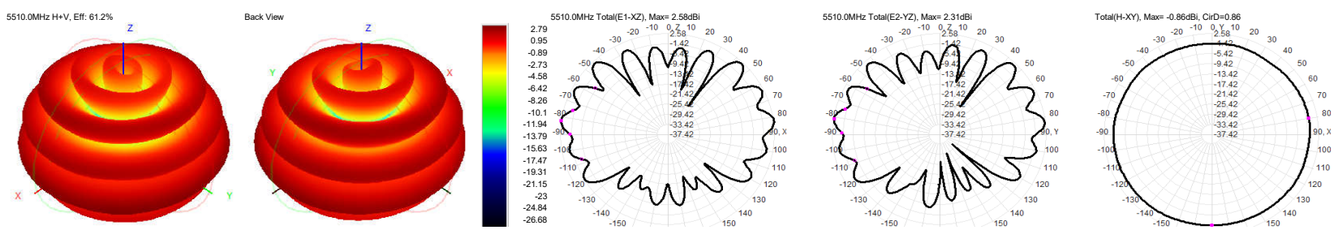

5410.0MHz H+V, Eff: 55.9%
Back View
5410.0MHz Total(E1-XZ), Max= 2.51dBi
5410.0MHz Total(E2-YZ), Max= 2.23dBi
Total(H-XY), Max= -1.18dBi, CirD=2.31

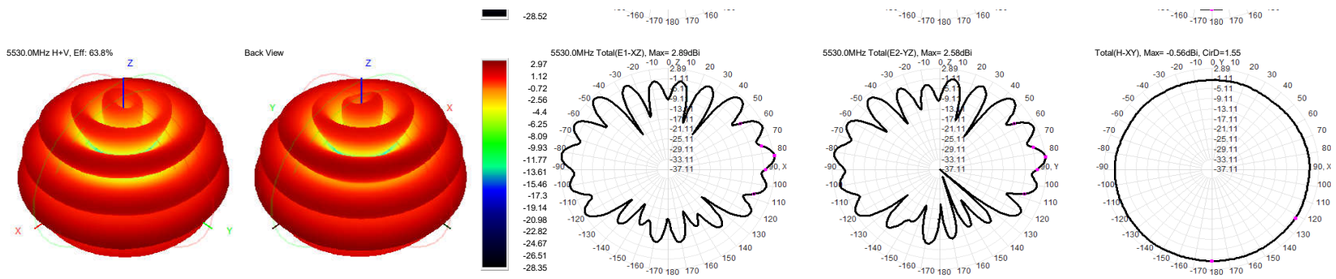

5430.0MHz H+V, Eff: 55.3%
Back View
5430.0MHz Total(E1-XZ), Max= 2.39dBi
5430.0MHz Total(E2-YZ), Max= 2.33dBi
Total(H-XY), Max= -1.89dBi, CirD=1.62

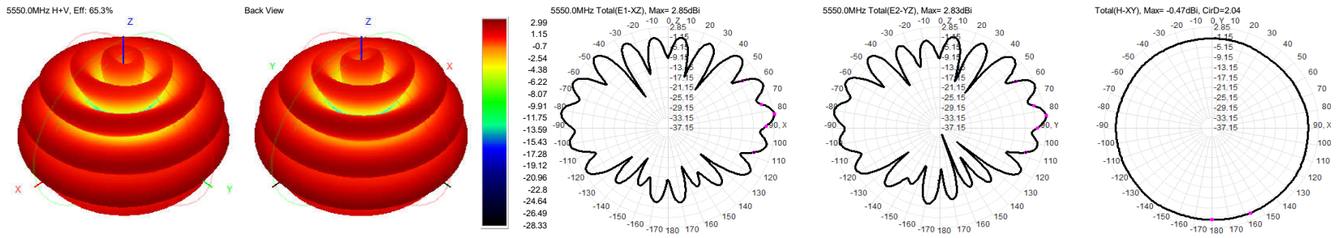

5450.0MHz H+V, Eff: 54.9%
Back View
5450.0MHz Total(E1-XZ), Max= 2.28dBi
5450.0MHz Total(E2-YZ), Max= 2.19dBi
Total(H-XY), Max= -1.40dBi, CirD=2.10

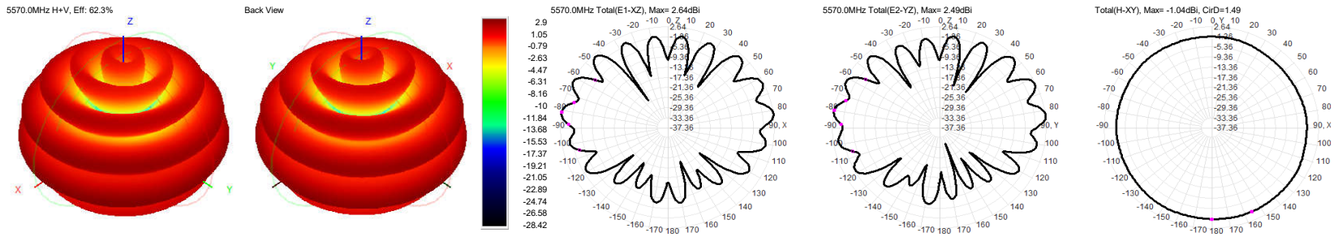

5470.0MHz H+V, Eff: 58.6%
Back View
5470.0MHz Total(E1-XZ), Max= 2.43dBi
5470.0MHz Total(E2-YZ), Max= 2.27dBi
Total(H-XY), Max= -0.86dBi, CirD=2.06

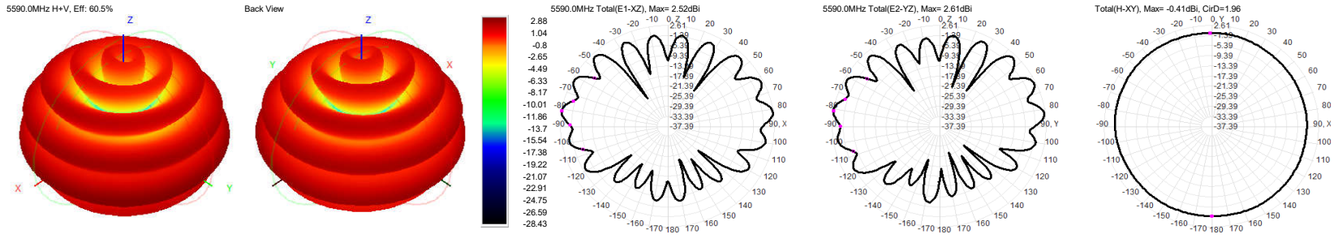

5490.0MHz H+V, Eff: 60.7%
Back View
5490.0MHz Total(E1-XZ), Max= 2.57dBi
5490.0MHz Total(E2-YZ), Max= 2.31dBi
Total(H-XY), Max= -0.77dBi, CirD=1.57

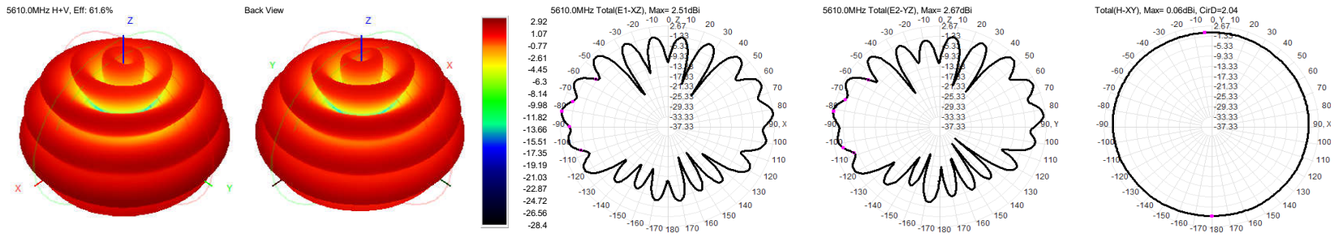

5510.0MHz H+V, Eff: 61.2%
Back View
5510.0MHz Total(E1-XZ), Max= 2.58dBi
5510.0MHz Total(E2-YZ), Max= 2.31dBi
Total(H-XY), Max= -0.86dBi, CirD=0.86

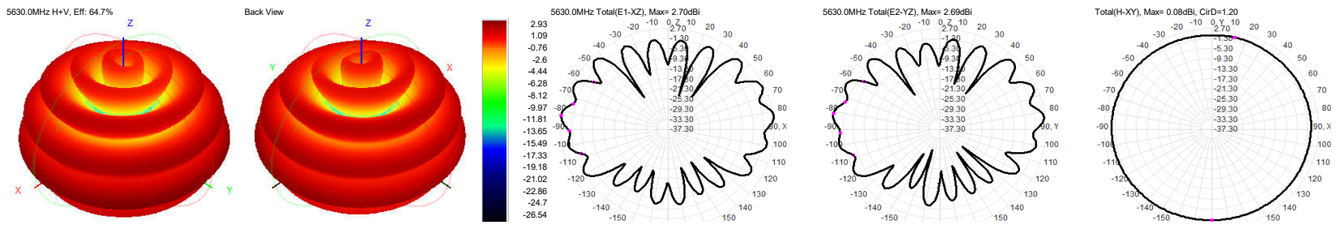

5530.0MHz H+V, Eff: 63.8%
Back View
5530.0MHz Total(E1-XZ), Max= 2.89dBi
5530.0MHz Total(E2-YZ), Max= 2.58dBi
Total(H-XY), Max= -0.56dBi, CirD=1.55

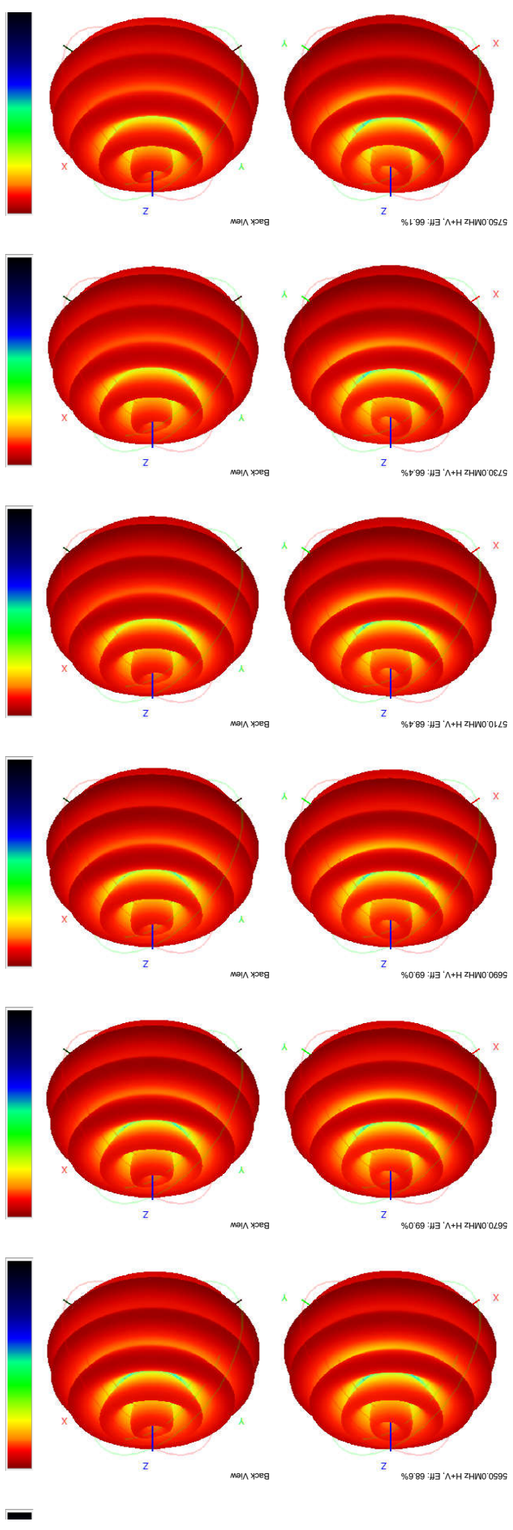

5550.0MHz H+V, Eff: 65.3%
Back View
5550.0MHz Total(E1-XZ), Max= 2.85dBi
5550.0MHz Total(E2-YZ), Max= 2.83dBi
Total(H-XY), Max= -0.47dBi, CirD=2.04

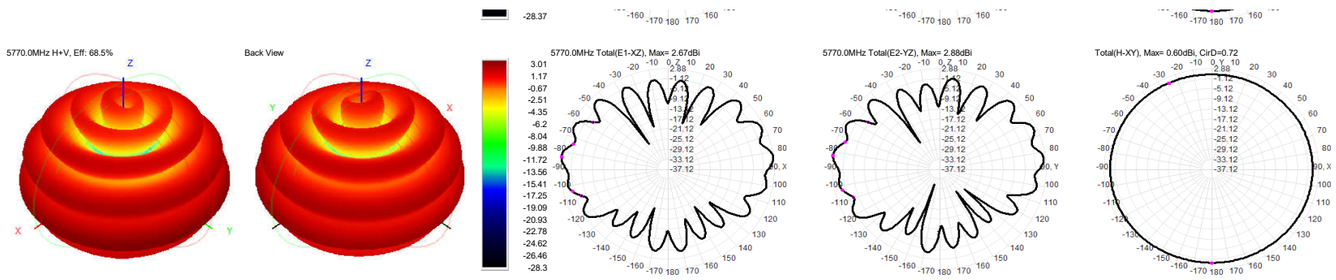

5570.0MHz H+V, Eff: 62.3%
Back View
5570.0MHz Total(E1-XZ), Max= 2.64dBi
5570.0MHz Total(E2-YZ), Max= 2.49dBi
Total(H-XY), Max= -1.04dBi, CirD=1.49

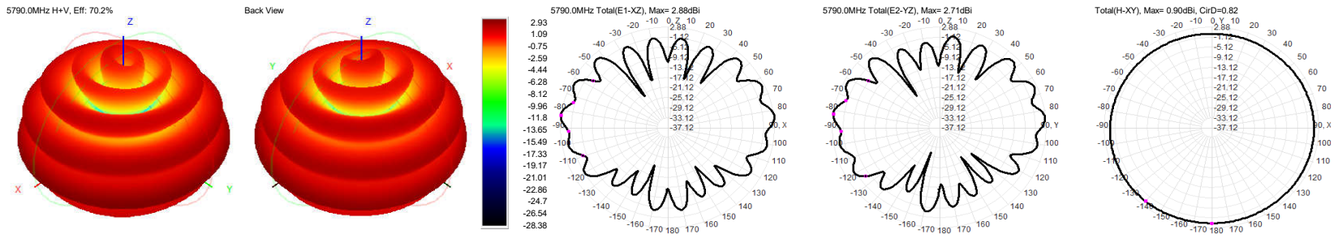

5590.0MHz H+V, Eff: 60.5%
Back View
5590.0MHz Total(E1-XZ), Max= 2.52dBi
5590.0MHz Total(E2-YZ), Max= 2.61dBi
Total(H-XY), Max= -0.41dBi, CirD=1.96

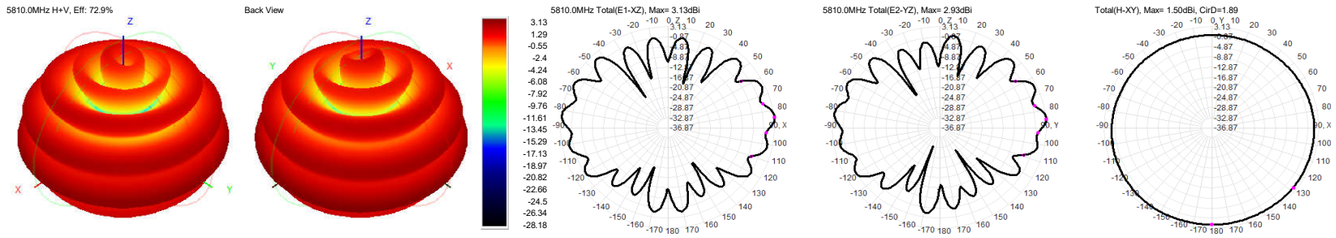

5610.0MHz H+V, Eff: 61.6%
Back View
5610.0MHz Total(E1-XZ), Max= 2.51dBi
5610.0MHz Total(E2-YZ), Max= 2.67dBi
Total(H-XY), Max= 0.06dBi, CirD=2.04

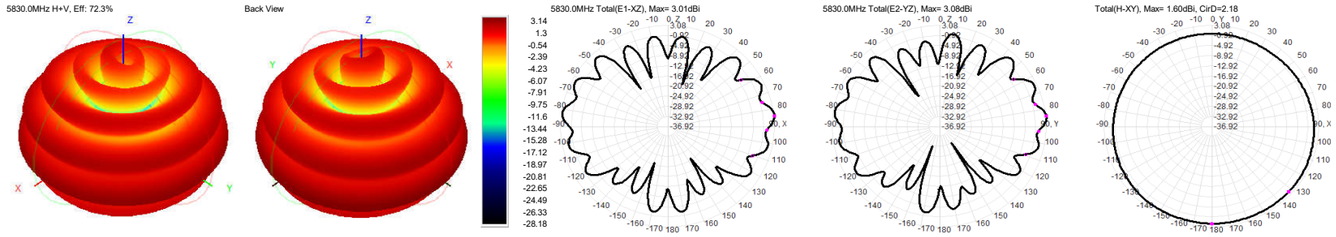

5630.0MHz H+V, Eff: 64.7%
Back View
5630.0MHz Total(E1-XZ), Max= 2.70dBi
5630.0MHz Total(E2-YZ), Max= 2.69dBi
Total(H-XY), Max= 0.08dBi, CirD=1.20

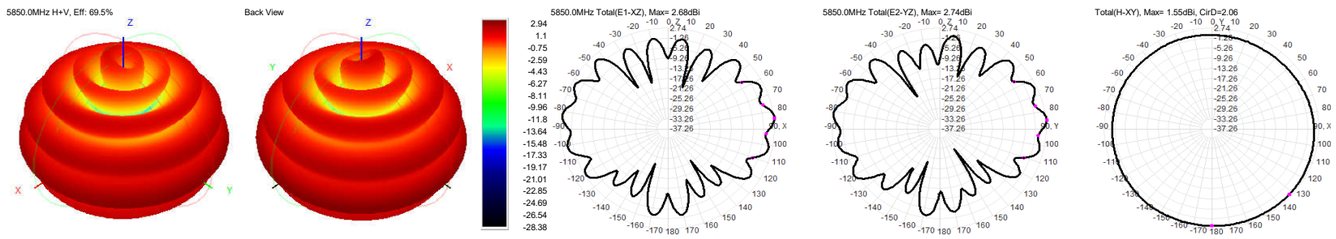

5710.0MHz H+V, Eff: 68.4%
Back View
5710.0MHz Total(E1-XZ), Max= 2.74dB
5710.0MHz Total(E2-YZ), Max= 2.80dB
Total(H-XY), Max= 0.44dB, C/FD=1.78
5730.0MHz H+V, Eff: 66.4%
Back View
5730.0MHz Total(E1-XZ), Max= 2.36dB
5730.0MHz Total(E2-YZ), Max= 2.72dB
Total(H-XY), Max= 0.21dB, C/FD=1.35
5750.0MHz H+V, Eff: 66.1%
Back View
5750.0MHz Total(E1-XZ), Max= 2.36dB
5750.0MHz Total(E2-YZ), Max= 2.77dB
Total(H-XY), Max= 0.56dB, C/FD=1.38
5650.0MHz H+V, Eff: 68.6%
Back View
5650.0MHz Total(E1-XZ), Max= 2.91dB
5650.0MHz Total(E2-YZ), Max= 2.70dB
Total(H-XY), Max= 0.25dB, C/FD=0.60
5670.0MHz H+V, Eff: 69.0%
Back View
5670.0MHz Total(E1-XZ), Max= 3.07dB
5670.0MHz Total(E2-YZ), Max= 2.75dB
Total(H-XY), Max= 0.46dB, C/FD=1.47
5690.0MHz H+V, Eff: 69.0%
Back View
5690.0MHz Total(E1-XZ), Max= 3.01dB
5690.0MHz Total(E2-YZ), Max= 2.93dB
Total(H-XY), Max= 0.62dB, C/FD=2.09


5770.0MHz H+V, Eff: 68.5%
Back View
5770.0MHz Total(E1-XZ), Max= 2.67dBi
5770.0MHz Total(E2-YZ), Max= 2.88dBi
Total(H-XY), Max= 0.60dBi, CirD=0.72


5790.0MHz H+V, Eff: 70.2%
Back View
5790.0MHz Total(E1-XZ), Max= 2.88dBi
5790.0MHz Total(E2-YZ), Max= 2.71dBi
Total(H-XY), Max= 0.90dBi, CirD=0.82


5810.0MHz H+V, Eff: 72.9%
Back View
5810.0MHz Total(E1-XZ), Max= 3.13dBi
5810.0MHz Total(E2-YZ), Max= 2.93dBi
Total(H-XY), Max= 1.50dBi, CirD=1.89


5830.0MHz H+V, Eff: 72.3%
Back View
5830.0MHz Total(E1-XZ), Max= 3.01dBi
5830.0MHz Total(E2-YZ), Max= 3.08dBi
Total(H-XY), Max= 1.60dBi, CirD=2.18


5850.0MHz H+V, Eff: 69.5%
Back View
5850.0MHz Total(E1-XZ), Max= 2.68dBi
5850.0MHz Total(E2-YZ), Max= 2.74dBi
Total(H-XY), Max= 1.55dBi, CirD=2.06