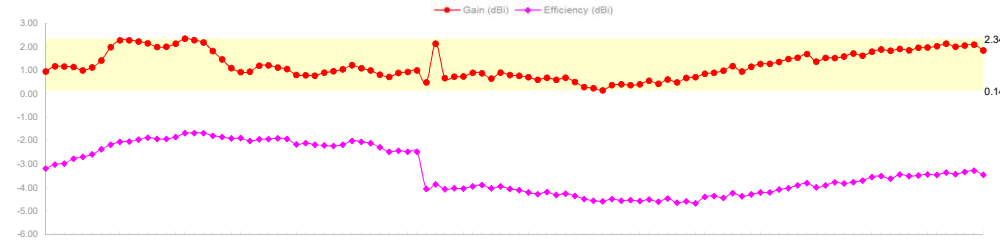
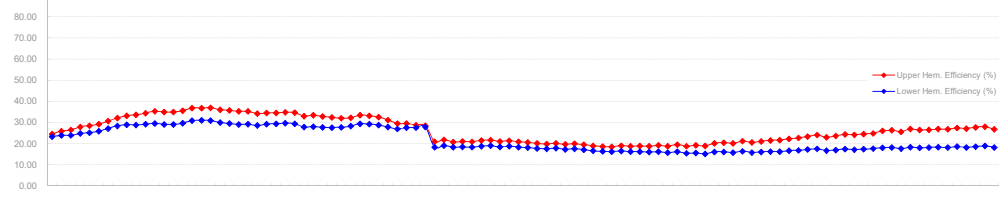


Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Frequency (MHz)	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550	2560	2570	2580	2590	2600	2610	2620	2630	2640	2650	2660
Efficiency (dBi)	-3.20	-3.02	-2.98	-2.78	-2.70	-2.59	-2.37	-2.17	-2.06	-2.04	-1.96	-1.87	-1.93	-1.93	-1.85	-1.69	-1.68	-1.68	-1.80	-1.85	-1.91	-1.90	-2.02	-1.95	-1.94	-1.91	-1.93	-2.16	-2.11	-2.18	-2.21	-2.23	-2.18	-2.01	-2.05	-2.12	-2.29
Efficiency (dB)	0.94	1.17	1.15	1.13	0.99	1.12	1.41	1.98	2.28	2.24	2.23	2.15	1.99	2.00	2.13	2.34	2.28	2.18	1.82	1.46	1.09	0.92	0.94	1.19	1.21	1.11	1.05	0.80	0.78	0.77	0.89	0.95	1.03	1.21	1.38	0.99	0.81
Efficiency (%)	47.89	49.08	50.37	52.75	53.76	55.06	57.88	60.63	62.24	62.54	63.62	64.98	64.16	64.07	65.26	67.82	67.90	67.92	66.13	65.34	64.39	64.54	62.82	63.81	63.98	64.48	64.11	60.80	61.53	60.60	60.10	59.84	60.52	62.97	62.39	61.41	58.99
Directivity (dB)	4.14	4.19	4.13	3.91	3.69	3.71	3.79	4.15	4.34	4.32	4.19	4.02	3.92	3.93	3.98	4.03	3.96	3.86	3.61	3.31	3.00	2.82	2.96	3.14	3.14	3.02	2.98	2.96	2.89	2.94	3.11	3.18	3.22	3.22	3.13	3.10	3.10
Peak Gain Position (Theta)	90.00	90.00	90.00	90.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	120.00	120.00	120.00	105.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
Peak Gain Position (Phi)	60.00	60.00	60.00	60.00	315.00	315.00	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	15.00	30.00	30.00	60.00	345.00	345.00	0.00	15.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Efficiency ThetaPol (%)	33.07	34.49	35.00	36.62	37.80	39.29	41.97	44.55	46.32	47.40	48.50	49.84	49.50	49.53	50.87	53.21	53.87	54.12	52.92	52.12	51.47	51.58	50.56	51.55	52.03	52.59	52.43	49.69	50.25	49.36	49.09	49.00	49.75	51.86	51.58	50.44	48.38
Efficiency PhiPol (%)	14.82	15.38	15.36	16.13	15.96	15.77	15.92	16.08	15.92	15.55	15.12	15.14	14.67	14.54	14.40	14.62	14.04	13.81	13.21	13.23	12.92	12.96	12.26	12.26	11.95	11.89	11.67	11.11	11.28	11.01	10.83	10.77	11.11	11.02	10.97	10.60	
Upper Hem. Efficiency (%)	24.58	25.95	26.48	27.94	28.54	29.21	30.68	32.22	33.25	33.68	34.46	35.37	35.03	34.99	35.60	36.92	36.89	36.91	35.78	35.32	35.32	34.23	34.57	34.56	34.83	34.67	32.99	33.47	32.91	32.43	32.07	32.25	33.50	33.16	32.62	31.16	
Lower Hem. Efficiency (%)	23.31	23.93	23.89	24.81	25.22	25.85	27.20	28.42	28.99	28.86	29.17	29.61	29.14	29.07																							

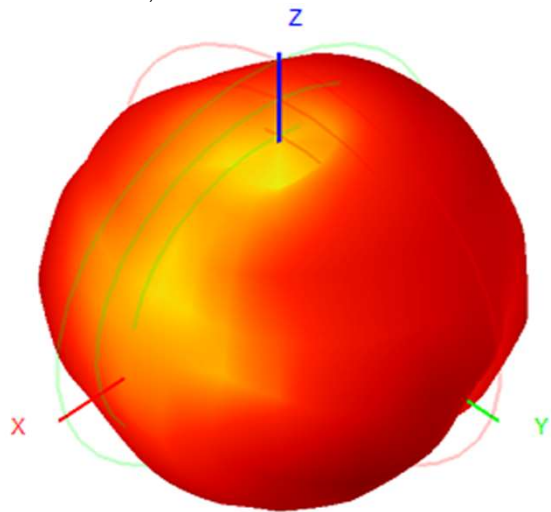




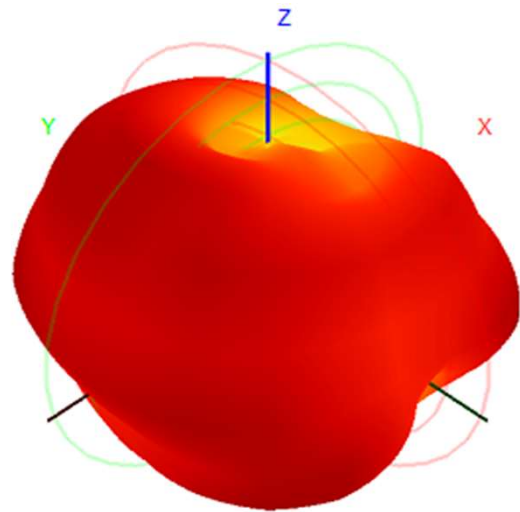
38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78			
2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800	2810	2820	2830	2840	2850	2860	2870	2880	2890	2900	2910	2920	2930	2940	2950	2960	2970	2980	2990	3000	3010	3020	3030	3040	3050	3060	3070	3080	3090	3100
-2.48	-2.43	-2.48	-2.48	-4.00	-3.87	-4.08	-4.04	-4.06	-3.96	-3.90	-4.04	-3.96	-4.07	-4.12	-4.22	-4.29	-4.20	-4.32	-4.26	-4.36	-4.49	-4.56	-4.59	-4.49	-4.56	-4.54	-4.59	-4.52	-4.61	-4.47	-4.65	-4.59	-4.67	-4.40	-4.37	-4.45	-4.25	-4.38	-4.30	-4.22			
0.72	0.88	0.92	0.99	0.48	2.13	0.66	0.72	0.73	0.89	0.87	0.64	0.89	0.79	0.76	0.70	0.59	0.68	0.59	0.68	0.50	0.48	0.23	0.14	0.36	0.40	0.36	0.39	0.55	0.42	0.60	0.48	0.66	0.70	0.85	0.89	0.98	1.17	0.94	1.15	1.27			
56.52	57.10	56.49	56.52	39.25	41.06	39.04	39.44	39.31	40.20	40.74	39.43	40.17	39.20	38.75	37.86	37.27	38.00	36.99	37.48	36.68	35.55	34.96	34.75	35.53	34.98	35.13	34.78	35.35	34.58	35.73	34.24	34.74	34.08	36.28	36.57	35.90	37.61	36.45	37.16	37.85			
3.19	3.32	3.40	3.47	4.54	4.75	4.74	4.76	4.79	4.85	4.77	4.68	4.86	4.86	4.88	4.92	4.88	4.88	4.91	4.94	4.85	4.77	4.80	4.73	4.85	4.96	4.90	4.98	5.06	5.03	5.07	5.13	5.26	5.38	5.25	5.26	5.43	5.42	5.32	5.44	5.49			
120.00	120.00	120.00	120.00	105.00	105.00	105.00	105.00	30.00	30.00	30.00	105.00	30.00	30.00	30.00	90.00	90.00	90.00	30.00	90.00	105.00	90.00	90.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00		
30.00	30.00	30.00	30.00	15.00	75.00	75.00	180.00	180.00	180.00	180.00	30.00	180.00	180.00	30.00	315.00	315.00	180.00	315.00	315.00	30.00	315.00	315.00	30.00	300.00	300.00	300.00	240.00	300.00	270.00	270.00	270.00	270.00	270.00	270.00	240.00	270.00	270.00	270.00	270.00	270.00	270.00		
46.38	46.98	46.57	46.60	31.49	32.87	31.51	31.85	31.71	32.38	32.74	31.78	32.63	31.74	31.42	30.55	30.12	30.68	29.88	30.35	29.56	28.51	28.21	28.02	28.71	28.12	28.30	28.05	28.42	27.93	28.72	27.48	27.77	27.34	29.13	29.39	28.81	30.14	29.06	29.61	30.31			
10.14	10.12	9.92	9.92	7.76	8.20	7.53	7.59	7.66	7.82	8.00	7.60	7.65	7.55	7.46	7.34	7.31	7.15	7.32	7.11	7.12	7.12	7.04	6.75	6.73	6.82	6.87	6.83	6.73	6.94	6.65	7.01	6.76	6.97	7.44	7.15	7.18	7.09	7.46	7.39	7.55	7.54		
29.56	29.50	28.86	28.54	20.25	21.92	20.76	21.03	20.69	21.47	21.71	21.02	21.40	20.84	20.62	20.10	19.78	20.16	19.67	19.93	19.53	18.96	18.61	18.50	19.01	18.86	18.90	18.74	19.21	18.82	19.57	18.81	19.20	18.90	20.20	20.46	20.15	21.17	20.62	21.13	21.59			
26.96	27.60	27.64	27.98	18.30	19.14	18.28	18.41	18.32	18.73	19.03	18.41	18.78	18.37	18.14	17.76	17.50	17.83	17.32	17.55	17.15	16.58	16.35	16.25	16.53	16.22	16.23	16.04	16.14	15.76	16.16	15.43	15.54	15.18	16.08	16.11	15.75	16.43	15.83	16.04	16.26			
3.36	3.65	4.00	4.15	8.05	8.08	8.04	8.39	8.10	8.34	8.73	8.09	8.62	8.52	8.50	8.53	8.45	8.54	8.43	8.58	8.39	8.59	8.61	8.64	8.79	8.92	9.42	9.76	9.43	9.79	9.90	10.08	10.27	10.34	10.55	10.66	10.79	10.99	11.30	11.85	12.24			
54.00	53.00	52.00	52.00	19.00	19.00	19.00	19.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	20.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	22.00	22.00	22.00	22.00			
5.03	5.20	5.50	5.63	10.54	10.74	10.91	10.94	11.11	11.24	11.27	11.24	11.20	11.22	11.22	11.20	11.43	11.47	11.25	11.19	11.09	11.22	11.53	11.31	11.51	11.52	11.35	10.85	10.95	10.91	10.83	10.55	10.71	10.60	10.44	10.01	9.86	9.63	9.75	9.61	9.79			
106.00	106.00	96.00	96.00	41.00	41.00	41.00	39.00	40.00	41.00	42.00	42.00	42.00	42.00	42.00	43.00	41.00	41.00	40.00	39.00	39.00	38.00	38.00	36.00	37.00	36.00	35.00	35.00	35.00	36.00	35.00	35.00	35.00	35.00	35.00	34.00	36.00	34.00	33.00					
4.08	4.10	3.88	3.64	10.31	10.27	10.36	10.45	10.35	10.06	10.39	10.09	10.71	11.30	11.16	11.14	10.87	10.81	10.68	10.93	11.04	11.05	11.24	11.23	11.21	10.72	11.11	10.94	11.25	10.90	11.09	11.21	11.13	11.29	11.03	11.38	11.71	11.51	11.35	11.07	11.43			
38.49	46.42	42.05	39.29	20.28	14.51	14.24	20.17	20.46	22.65	19.97	13.68	18.79	18.21	45.61	52.58	49.08	19.32	37.07	36.61	17.45	43.30	51.07	21.51	21.12	20.20	20.66	36.49	21.85	23.24	22.88	22.30	21.46	20.93	21.51	19.40	37.29	20.33	20.03	19.99	19.62			
9.09	7.73	8.02	7.59	19.57	19.64	24.08	24.01	17.22	16.20	14.31	11.60	8.10	10.57	10.85	11.66	14.50	9.61	6.89	16.02	11.32	11.01	8.49	8.40	12.01	9.21	10.73	14.91	17.73	7.15	12.21	7.21	17.58	20.83	20.93	14.00	15.58	20.23	15.97	14.72	12.07			
67.26	56.46	79.20	65.83	63.21	71.72	81.65	71.73	81.80	63.80	90.23	69.18	68.51	68.87	58.87	82.24	74.41	63.32	81.28	63.88	60.04	74.95	57.53	86.32	87.90	68.09	66.55	71.72	63.33	60.20	60.01	80.12	55.23	57.49	55.80	60.26	52.94	56.63	83.51	60.87	95.00			
317.00	309.00	305.00	303.00	53.00	53.00	51.00	51.00	51.00	50.00	51.00	50.00	49.00	49.00	49.00	49.00	48.00	48.00	47.00	48.00	47.00	46.00	48.00	47.00	46.00	45.00	43.00	45.00	45.00	44.00	44.00	44.00	44.00	74.00	91.00	89.00	89.00	81.00						
0.52	0.34	0.39	0.61	0.59	0.59	0.54	0.56	0.41	0.43	0.42	0.36	0.47	0.55	0.54	0.57	0.39	0.25	0.23	0.34	0.22	0.26	0.19	0.15	0.22	0.36	0.28	0.43	0.30	0.40	0.54	0.82	0.71	0.87	0.97	1.19	1.51	1.39	1.56	1.68	1.76			
28.36	28.58	28.16	28.09	19.65	20.60	19.47	19.60	19.56	19.84	19.99	18.94	19.35	18.83	18.51	18.23	17.95	18.37	17.96	18.21	17.95	17.36	17.08	17.02	17.49	17.29	17.37	17.48	17.73	17.37	18.07	17.16	17.45	17.18	18.27	18.41	18.14	19.05	18.36	17.68	19.15			
28.16	28.52	28.33	28.43	19.60	20.46	19.57	19.85	19.75	20.37	20.75	20.49	20.82	20.37	20.24	19.63	19.32	19.62	19.03	19.27	18.73	18.19	17.88	17.73	18.05	17.70	17.77	17.31	17.62	17.21	17.66	17.08	17.29	16.90	18.01	18.16	17.76	18.55	18.09	18.41	18.70			

79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
5770	5780	5790	5800	5810	5820	5830	5840	5850	5860	5870	5880	5890	5900	5910	5920	5930	5940	5950	5960	5970	5980	5990	6000
-4.21	-4.09	-4.03	-3.91	-3.81	-4.00	-3.90	-3.79	-3.83	-3.77	-3.71	-3.55	-3.63	-3.45	-3.52	-3.49	-3.44	-3.47	-3.37	-3.43	-3.34	-3.29	-3.46	
1.27	1.35	1.48	1.53	1.69	1.37	1.52	1.52	1.58	1.71	1.62	1.79	1.88	1.83	1.91	1.85	1.96	1.97	2.02	2.13	2.00	2.05	2.09	1.84
37.91	39.00	39.57	40.65	41.58	39.78	40.70	41.83	41.41	41.95	42.54	44.14	44.54	43.34	45.21	44.47	44.77	45.25	45.02	46.05	45.37	46.29	46.92	45.05
5.49	5.44	5.51	5.44	5.50	5.37	5.43	5.30	5.41	5.48	5.33	5.34	5.39	5.46	5.35	5.37	5.45	5.41	5.49	5.50	5.43	5.40	5.38	5.30
75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00	270.00
30.22	31.08	31.37	32.09	32.87	31.49	32.19	32.93	32.56	32.93	33.43	34.69	34.85	33.82	35.16	34.60	34.91	35.25	34.99	35.62	35.10	35.77	36.47	35.07
7.69	7.92	8.20	8.56	8.71	8.29	8.51	8.90	8.85	9.02	9.12	9.45	9.68	9.51	10.05	9.87	9.87	9.99	10.03	10.43	10.28	10.52	10.45	9.98
21.70	22.31	22.71	23.43	24.09	23.02	23.73	24.37	24.21	24.56	24.90	26.08	26.38	25.71	26.91	26.43	26.59	26.90	26.84	27.45	27.14	27.27	28.04	26.79
16.21	16.69	16.85	17.23	17.49	16.76	16.97	17.45	17.20	17.39	17.65	18.07	18.24	17.63	18.30	18.04	18.18	18.35	18.18	18.60	18.24	18.58	18.88	18.26
11.84	12.41	12.38	12.18	12.22	12.71	12.94	12.91	12.98	14.22	13.66	13.58	13.93	13.99	14.44	14.31	13.94	14.58	14.38	14.48	13.43	12.75	11.83	11.82
23.00	24.00	23.00	24.00	24.00	47.00	47.00	47.00	47.00	48.00	49.00	48.00	48.00	46.00	46.00	46.00	47.00	48.00	47.00	47.00	47.00	47.00	45.00	43.00
9.39	9.41	9.28	9.14	9.24	8.82	8.69	8.65	8.55	8.14	7.70	7.63	7.12	7.01	7.01	6.59	6.40	5.85	5.82	4.86	5.08	4.91	4.97	5.02
34.00	34.00	33.00	34.00	33.00	34.00	33.00	34.00	33.00	33.00	34.00	35.00	33.00	32.00	34.00	34.00	33.00	33.00	32.00	31.00	32.00	31.00	31.00	30.00
10.90	11.04	11.44	11.15	10.79	10.83	10.33	9.93	10.12	10.36	10.29	10.09	9.87	9.57	9.13	9.12	9.14	8.86	8.84	8.52	8.20	8.13	7.59	7.44
18.54	18.26	17.85	17.23	16.52	16.19	15.59	15.80	15.02	14.96	14.22	14.10	13.79	12.83	13.37	12.62	13.58	12.79	12.45	12.49	12.13	11.88	11.82	11.81
13.04	13.73	16.93	20.29	21.10	20.34	26.23	18.49	21.10	20.95	28.63	26.68	28.62	23.64	22.76	20.86	27.95	17.08	17.32	10.90	10.31	12.63	13.58	13.27
57.43	57.92	54.35	55.19	56.48	68.61	56.77	52.50	54.84	53.46	62.23	62.03	61.35	72.17	68.82	81.36	92.42	99.59	70.69	61.26	91.87	92.85	57.42	76.05
79.00	81.00	69.00	64.00	61.00	61.00	65.00	62.00	63.00	43.00	63.00	65.00	63.00	63.00	63.00	42.00	42.00	40.00	39.00	37.00	36.00	34.00	33.00	33.00
1.96	2.09	2.20	2.08	2.08	1.88	1.70	1.61	1.27	1.15	1.12	0.74	0.68	0.50	0.38	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19.08	19.41	19.71	20.27	20.79	19.82	20.43	21.09	20.67	20.91	21.33	22.24	22.43	21.76	22.77	22.40	22.52	22.70	22.85	23.39	22.93	23.55	23.99	23.15
18.83	19.59	19.86	20.38	20.79	19.97	20.26	20.73	20.74	21.04	21.21	21.91	22.11	21.58	22.44	22.07	22.26	22.45	22.17	22.66	22.44	22.74	22.93	21.90

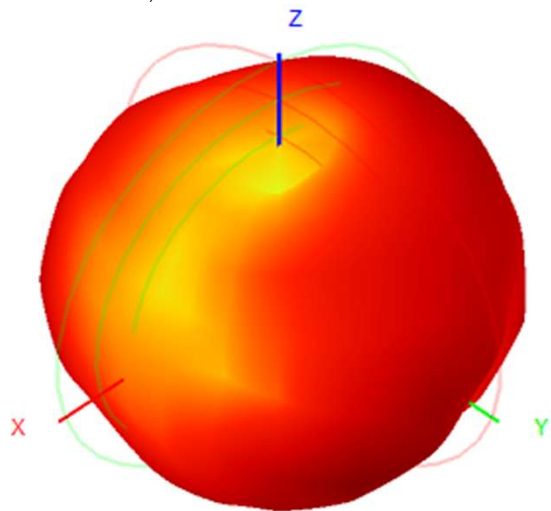
2300.0MHz H+V, Eff: 47.9%



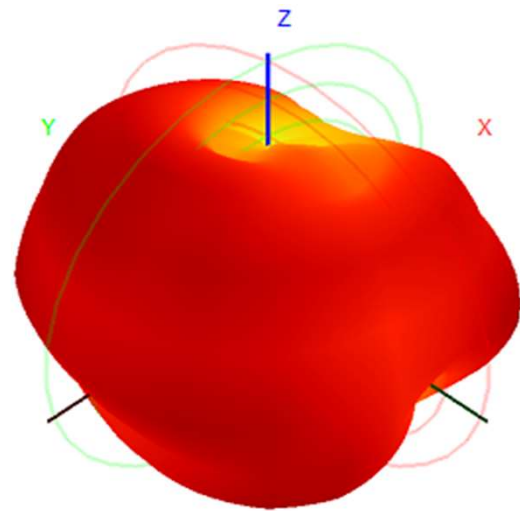
Back View



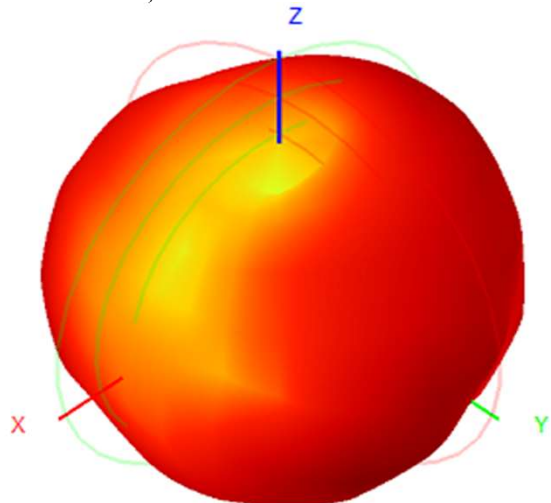
2310.0MHz H+V, Eff: 49.9%



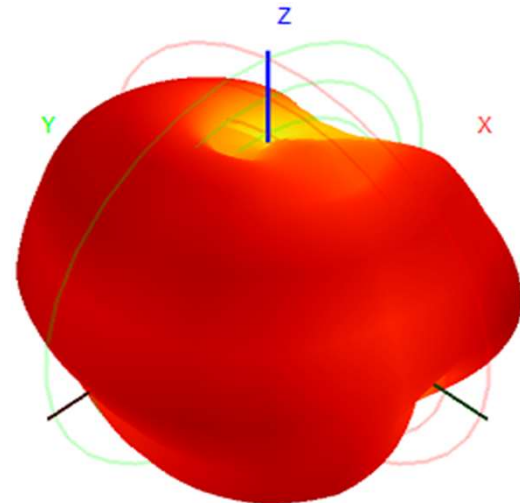
Back View



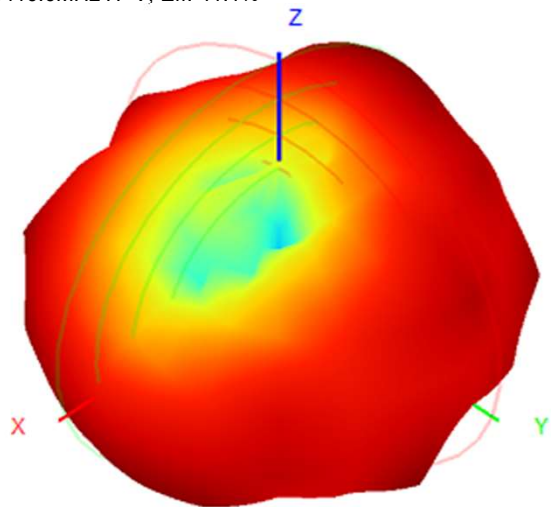
2320.0MHz H+V, Eff: 50.4%



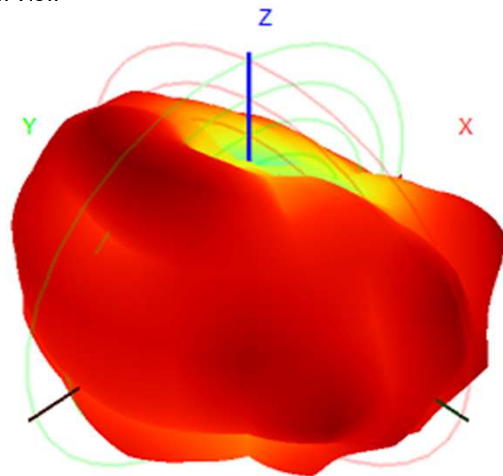
Back View



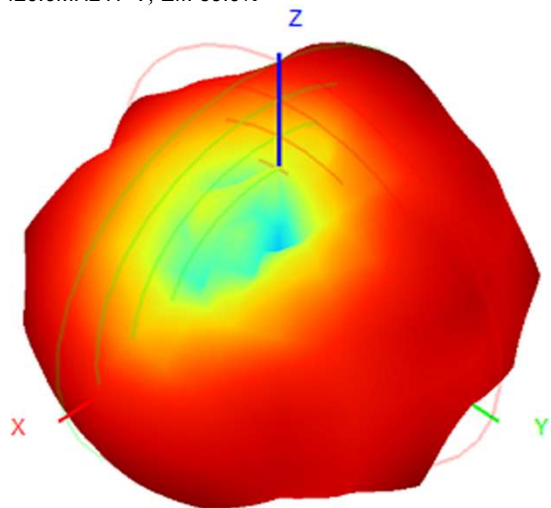
5410.0MHz H+V, Eff: 41.1%



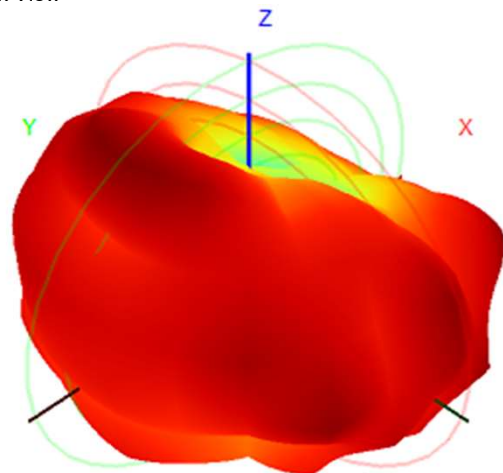
Back View



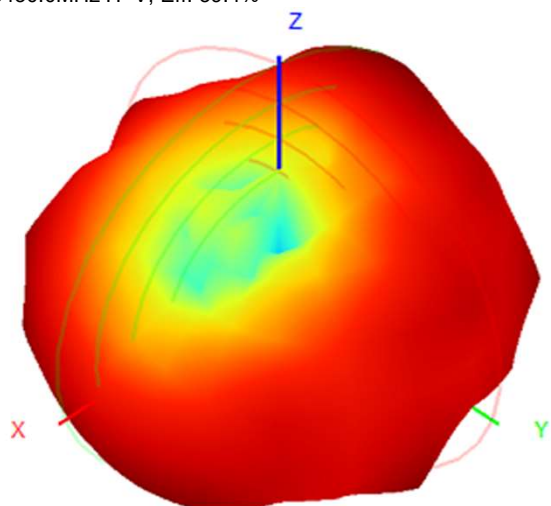
5420.0MHz H+V, Eff: 39.0%



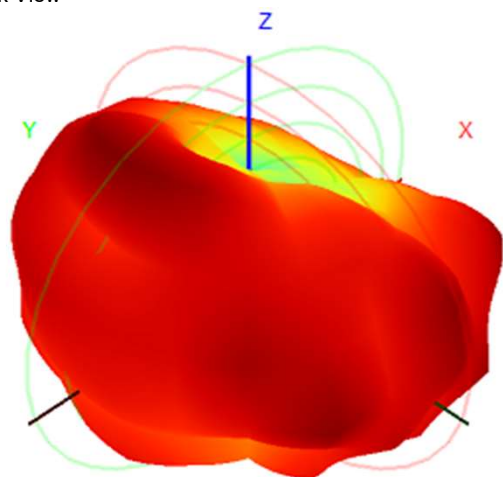
Back View

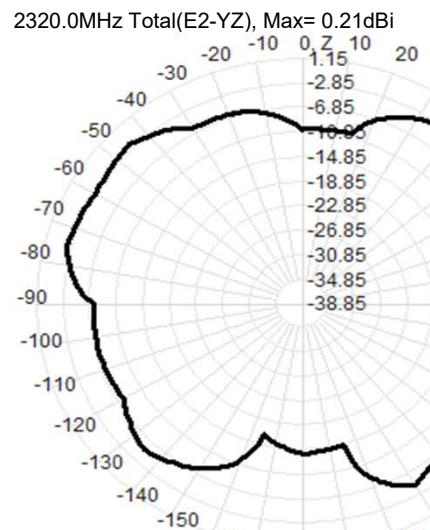
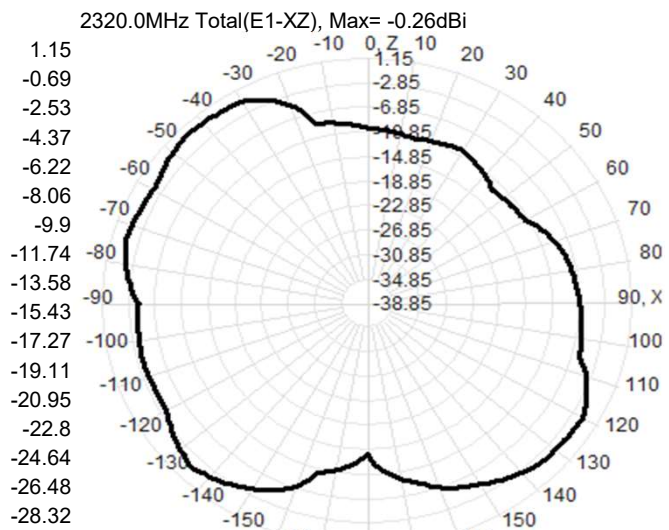
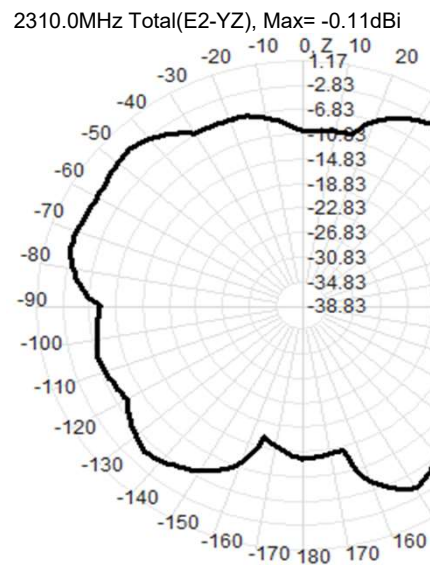
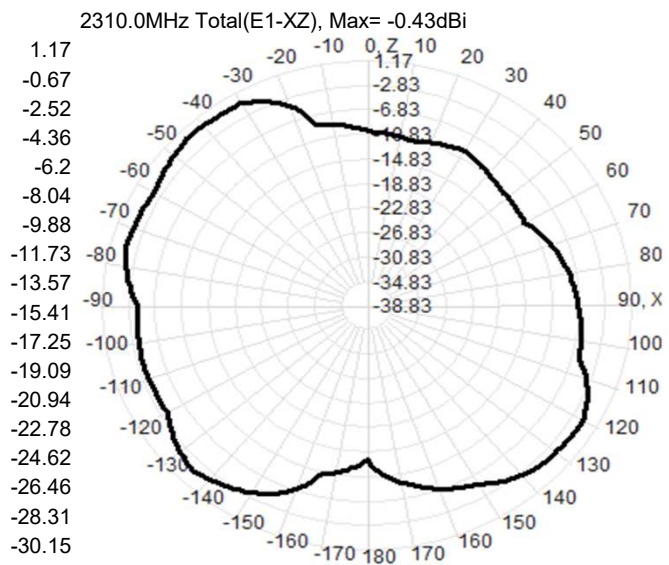
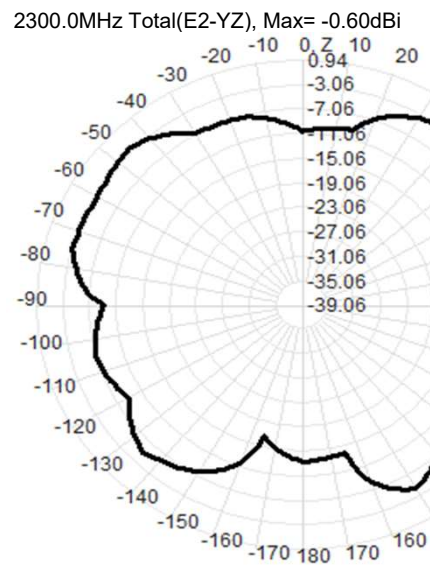
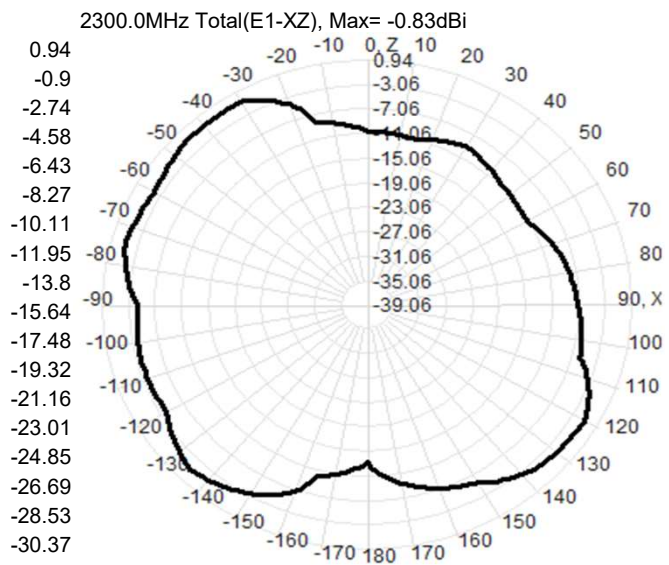


5430.0MHz H+V, Eff: 39.4%



Back View





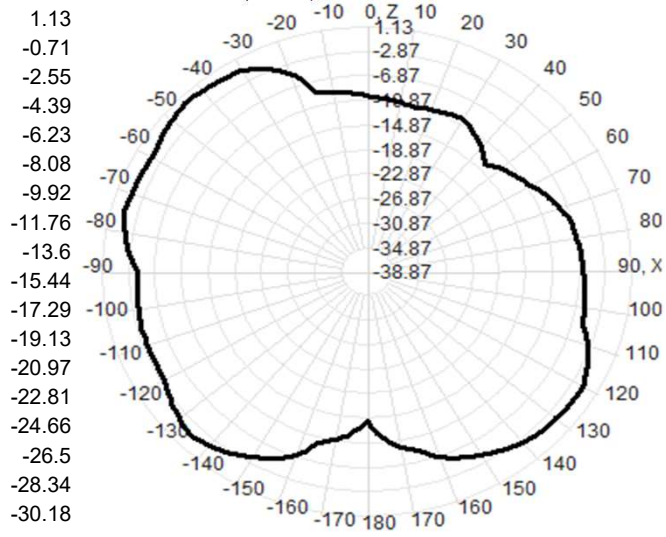


-30.16

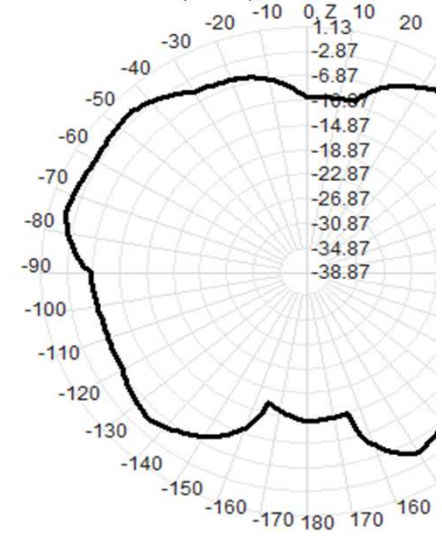
-160 -170 180 170 160

-160 -170 180 170 160

2330.0MHz Total(E1-XZ), Max= -0.03dBi

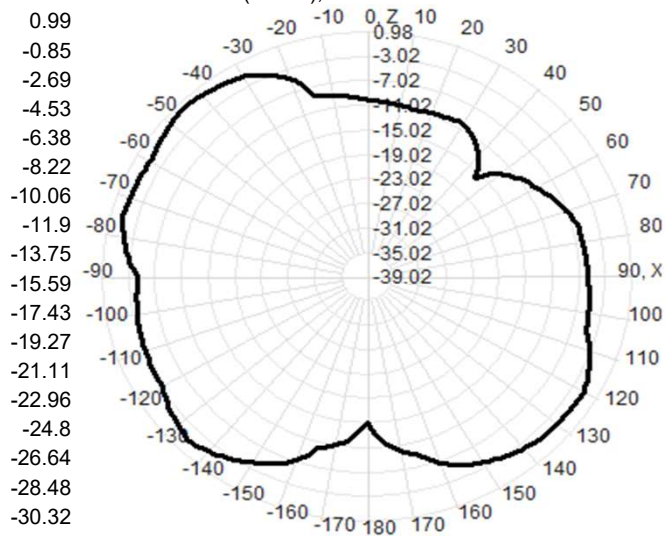


2330.0MHz Total(E2-YZ), Max= 0.65dBi

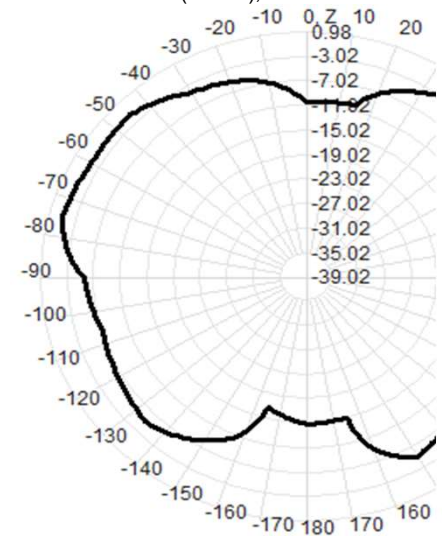


0.99
-0.85
-2.69
-4.53
-6.38
-8.22
-10.06
-11.9
-13.75
-15.59
-17.43
-19.27
-21.11
-22.96
-24.8
-26.64
-28.48
-30.32

2340.0MHz Total(E1-XZ), Max= 0.06dBi

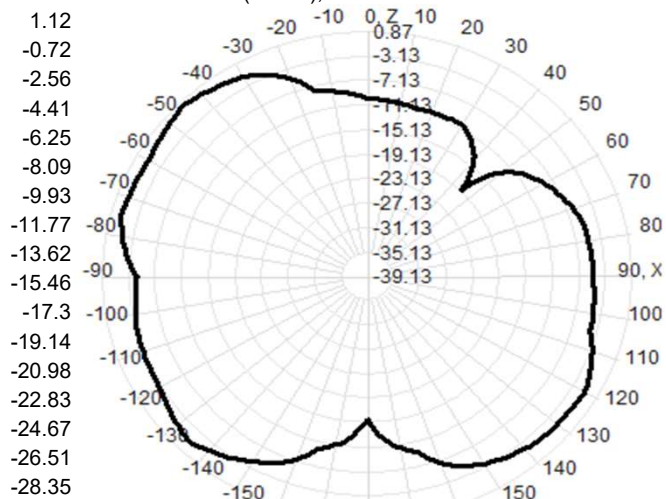


2340.0MHz Total(E2-YZ), Max= 0.71dBi

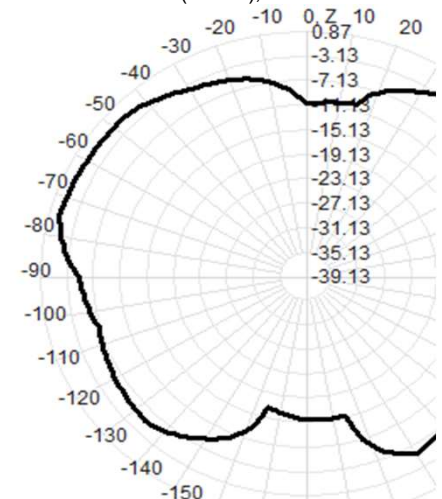


1.12
-0.72
-2.56
-4.41
-6.25
-8.09
-9.93
-11.77
-13.62
-15.46
-17.3
-19.14
-20.98
-22.83
-24.67
-26.51
-28.35

2350.0MHz Total(E1-XZ), Max= 0.11dBi



2350.0MHz Total(E2-YZ), Max= 0.68dBi



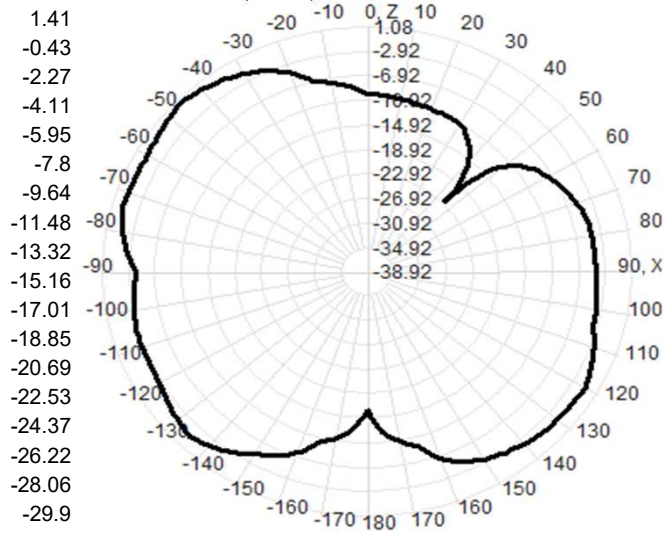


-30.2

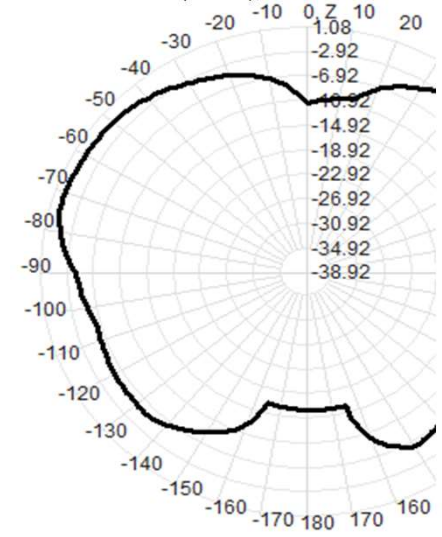
-160 -170 180 170 160

-160 -170 180 170 160

2360.0MHz Total(E1-XZ), Max= 0.41dBi

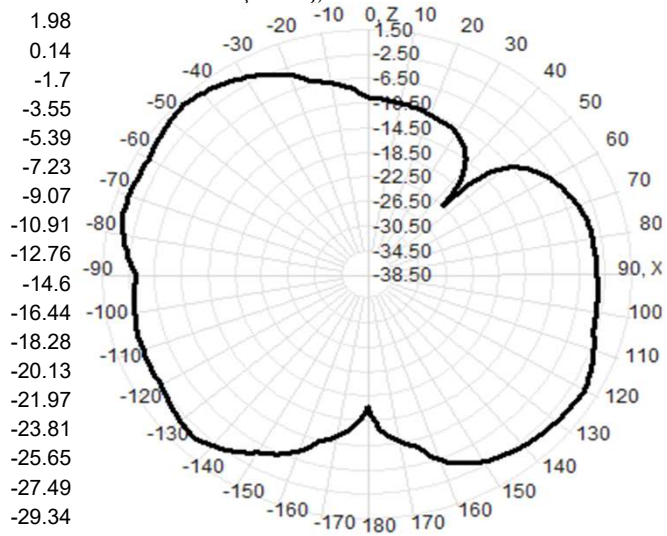


2360.0MHz Total(E2-YZ), Max= 0.75dBi

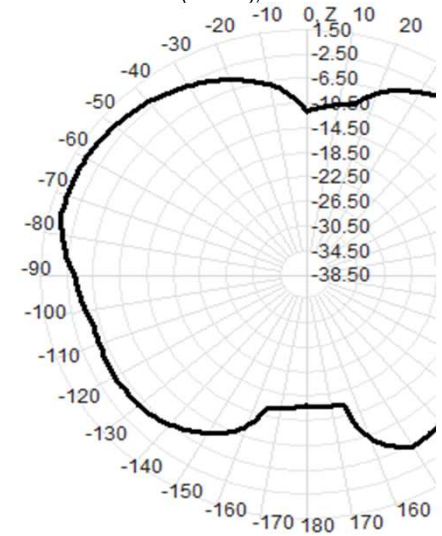


1.98
0.14
-1.7
-3.55
-5.39
-7.23
-9.07
-10.91
-12.76
-14.6
-16.44
-18.28
-20.13
-21.97
-23.81
-25.65
-27.49
-29.34

2370.0MHz Total(E1-XZ), Max= 0.67dBi

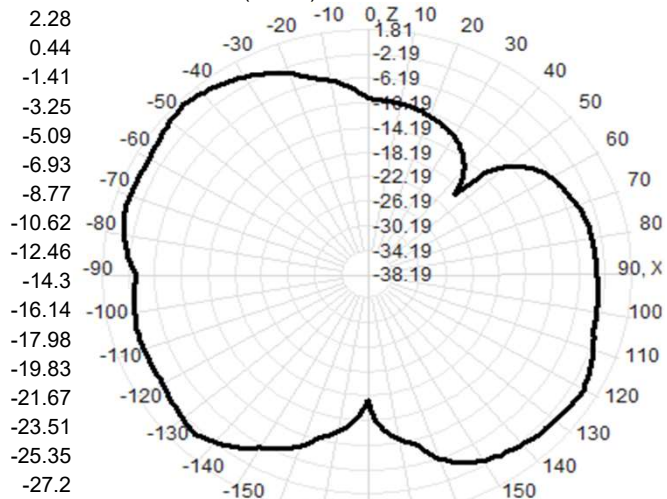


2370.0MHz Total(E2-YZ), Max= 0.90dBi

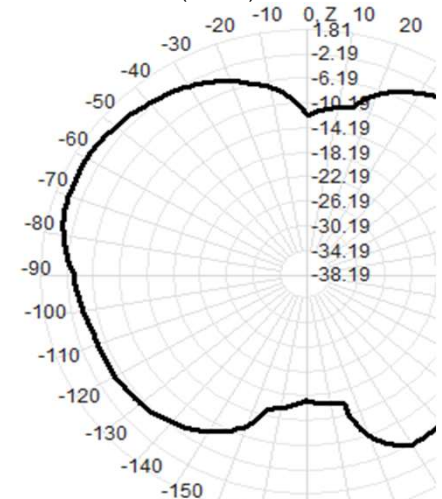


2.28
0.44
-1.41
-3.25
-5.09
-6.93
-8.77
-10.62
-12.46
-14.3
-16.14
-17.98
-19.83
-21.67
-23.51
-25.35
-27.2

2380.0MHz Total(E1-XZ), Max= 0.94dBi



2380.0MHz Total(E2-YZ), Max= 1.12dBi



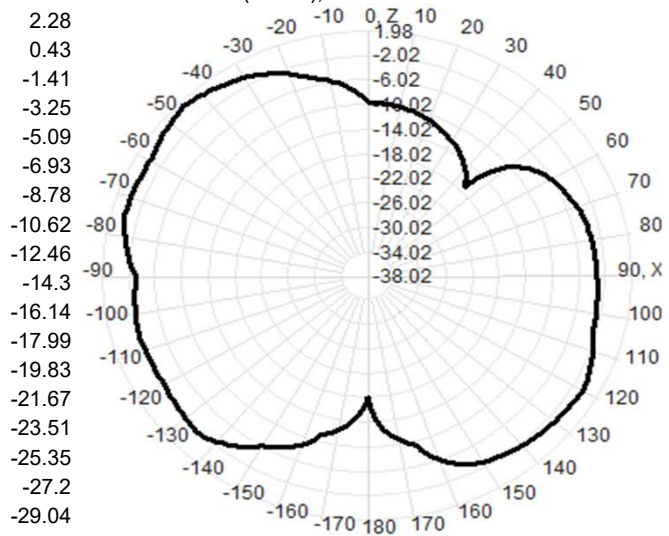


-29.04

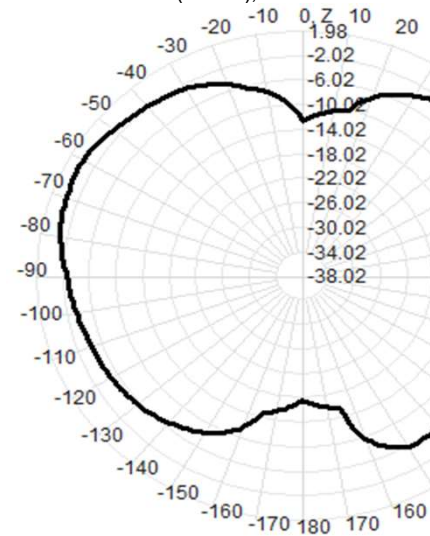
-160 -170 180 170 160

-160 -170 180 170 160

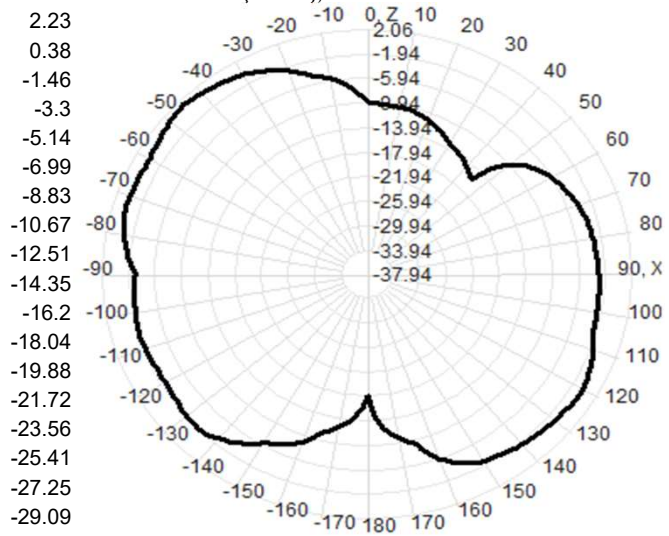
2390.0MHz Total(E1-XZ), Max= 1.09dBi



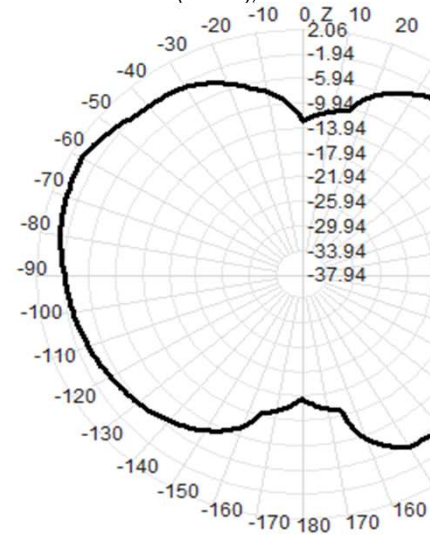
2390.0MHz Total(E2-YZ), Max= 1.37dBi



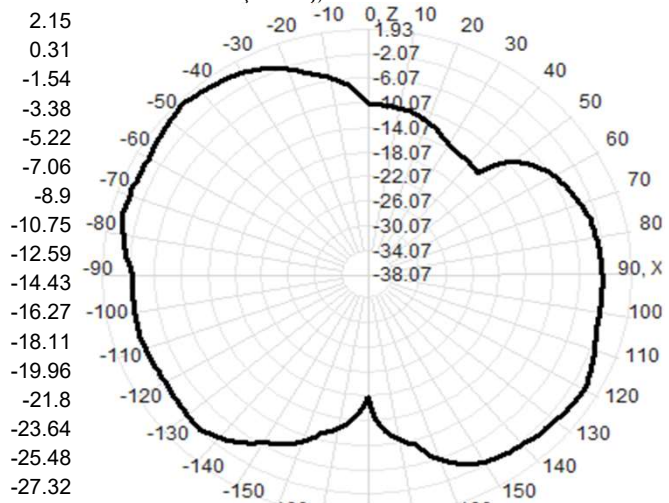
2400.0MHz Total(E1-XZ), Max= 1.20dBi



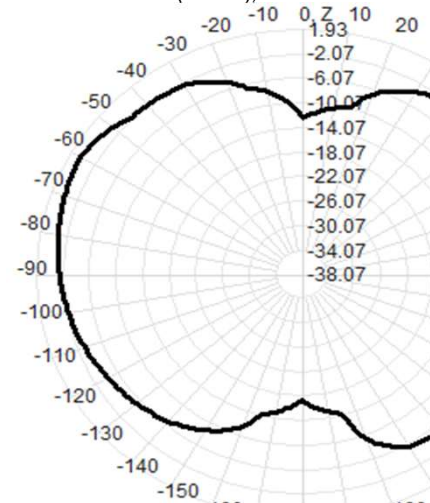
2400.0MHz Total(E2-YZ), Max= 1.64dBi



2410.0MHz Total(E1-XZ), Max= 1.18dBi



2410.0MHz Total(E2-YZ), Max= 1.84dBi



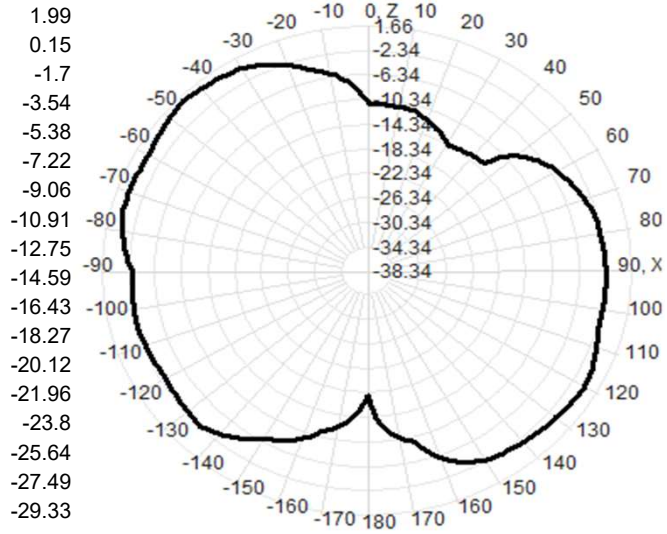


-29.17

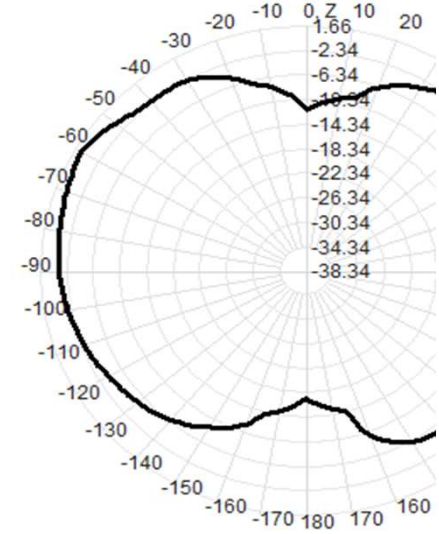
-160 -170 180 170 160

-160 -170 180 170 160

2420.0MHz Total(E1-XZ), Max= 0.86dBi

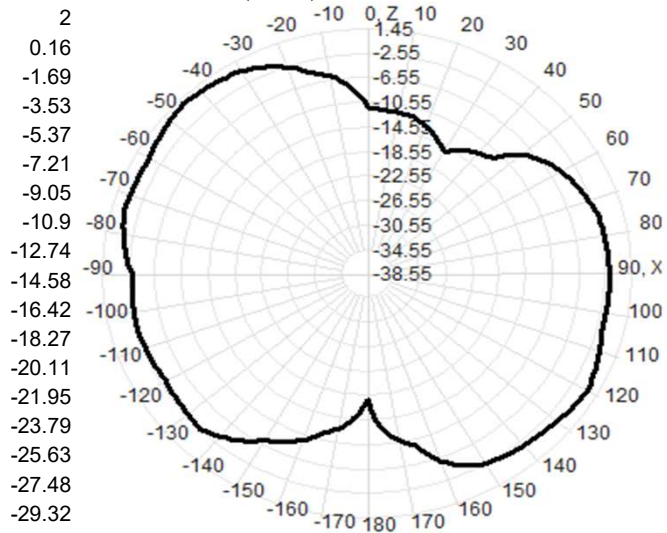


2420.0MHz Total(E2-YZ), Max= 1.66dBi

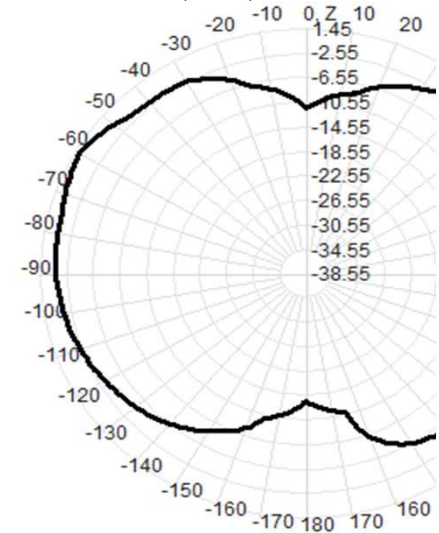


2
0.16
-1.69
-3.53
-5.37
-7.21
-9.05
-10.9
-12.74
-14.58
-16.42
-18.27
-20.11
-21.95
-23.79
-25.63
-27.48
-29.32

2430.0MHz Total(E1-XZ), Max= 0.62dBi

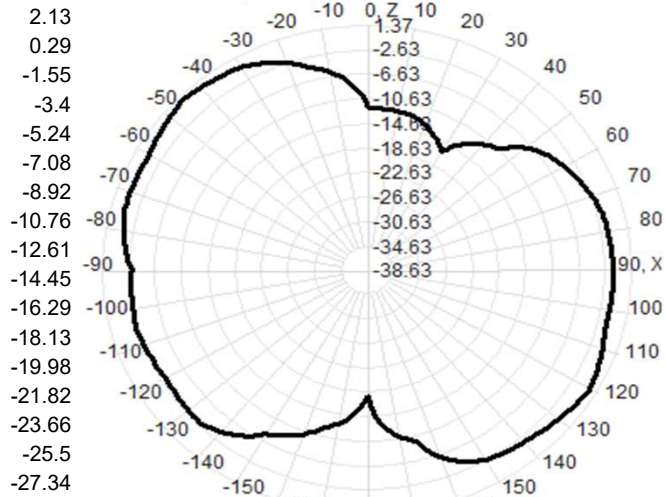


2430.0MHz Total(E2-YZ), Max= 1.45dBi

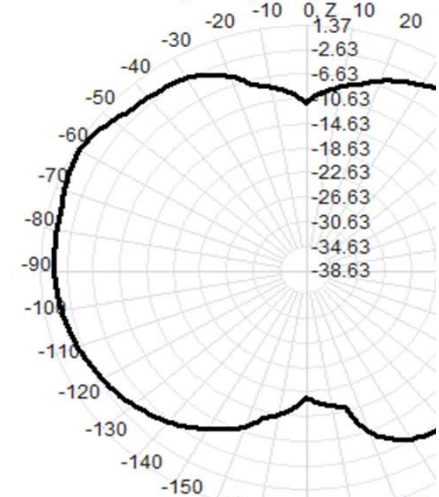


2.13
0.29
-1.55
-3.4
-5.24
-7.08
-8.92
-10.76
-12.61
-14.45
-16.29
-18.13
-19.98
-21.82
-23.66
-25.5
-27.34

2440.0MHz Total(E1-XZ), Max= 0.62dBi



2440.0MHz Total(E2-YZ), Max= 1.19dBi



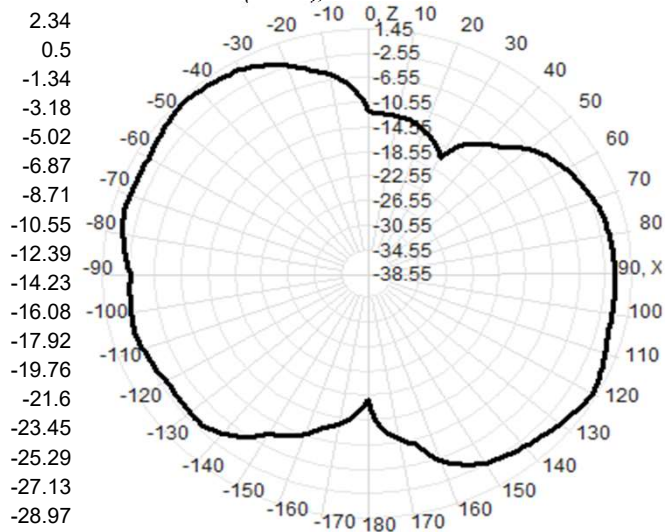


-29.19

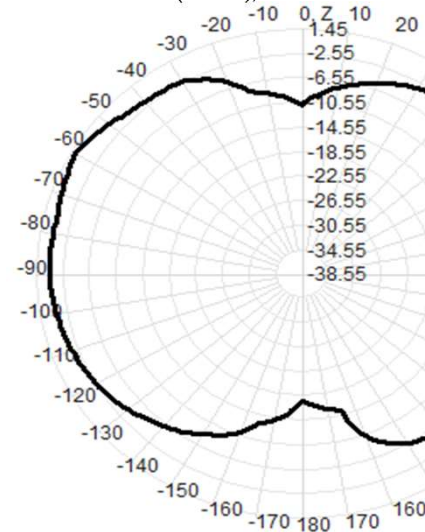
-160 -170 180 170 160

-160 -170 180 170 160

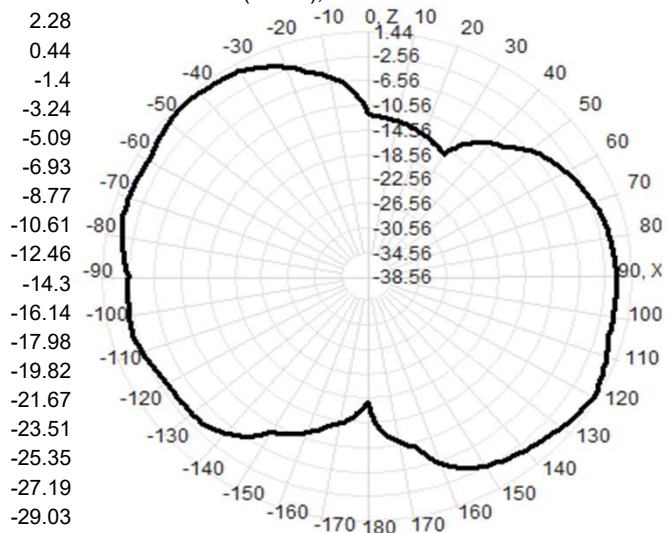
2450.0MHz Total(E1-XZ), Max= 2.34dBi



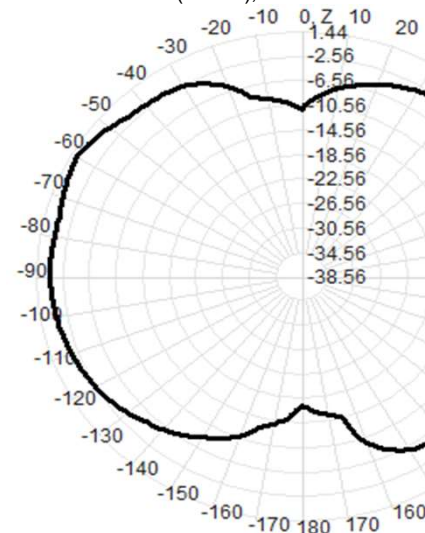
2450.0MHz Total(E2-YZ), Max= 1.08dBi



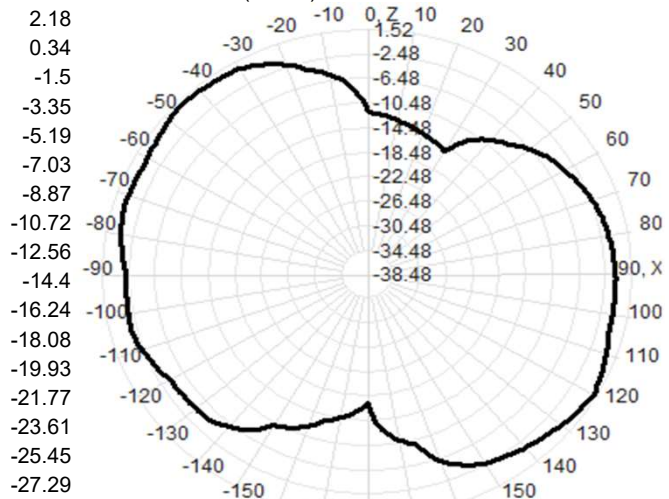
2460.0MHz Total(E1-XZ), Max= 0.85dBi



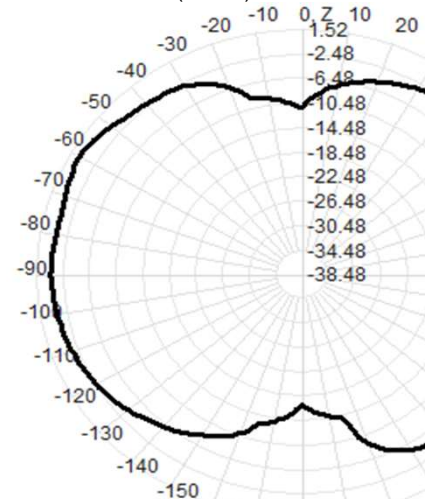
2460.0MHz Total(E2-YZ), Max= 0.91dBi



2470.0MHz Total(E1-XZ), Max= 0.87dBi



2470.0MHz Total(E2-YZ), Max= 1.01dBi



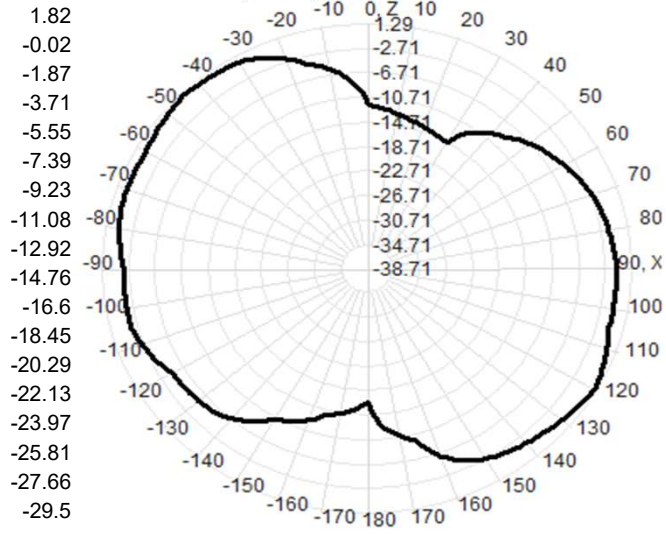


-29.14

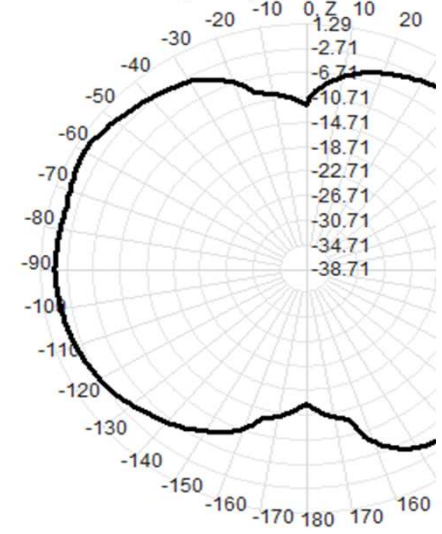
-160 -170 180 170 160

-160 -170 180 170 160

2480.0MHz Total(E1-XZ), Max= 0.84dBi

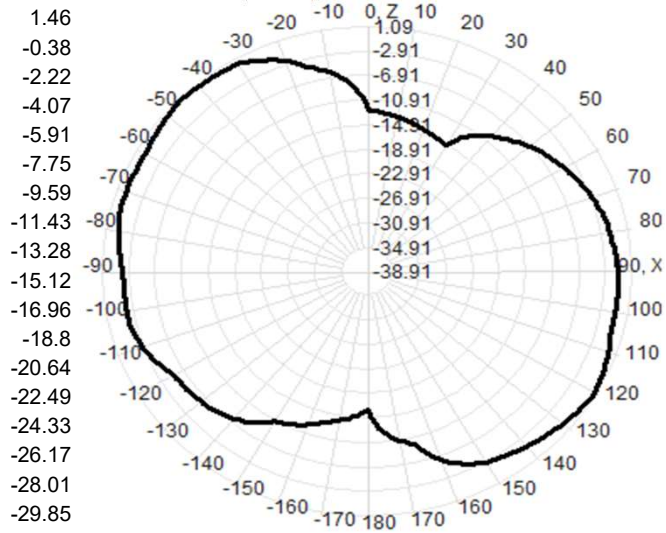


2480.0MHz Total(E2-YZ), Max= 1.03dBi

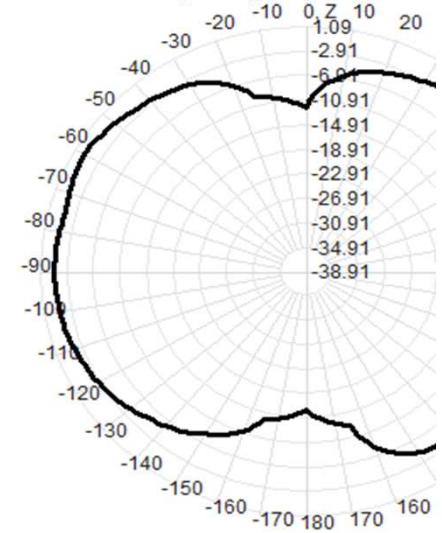


1.46
-0.38
-2.22
-4.07
-5.91
-7.75
-9.59
-11.43
-13.28
-15.12
-16.96
-18.8
-20.64
-22.49
-24.33
-26.17
-28.01
-29.85

2490.0MHz Total(E1-XZ), Max= 0.69dBi

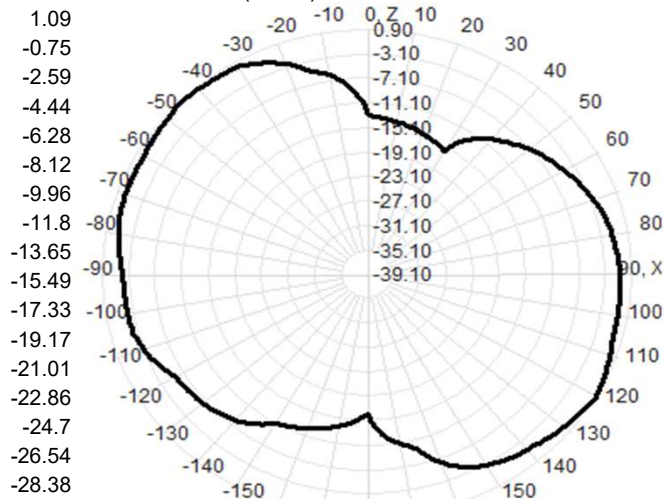


2490.0MHz Total(E2-YZ), Max= 1.09dBi

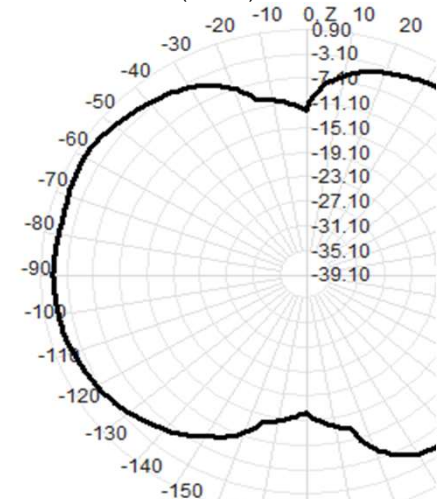


1.09
-0.75
-2.59
-4.44
-6.28
-8.12
-9.96
-11.8
-13.65
-15.49
-17.33
-19.17
-21.01
-22.86
-24.7
-26.54
-28.38

2500.0MHz Total(E1-XZ), Max= 0.66dBi



2500.0MHz Total(E2-YZ), Max= 0.90dBi



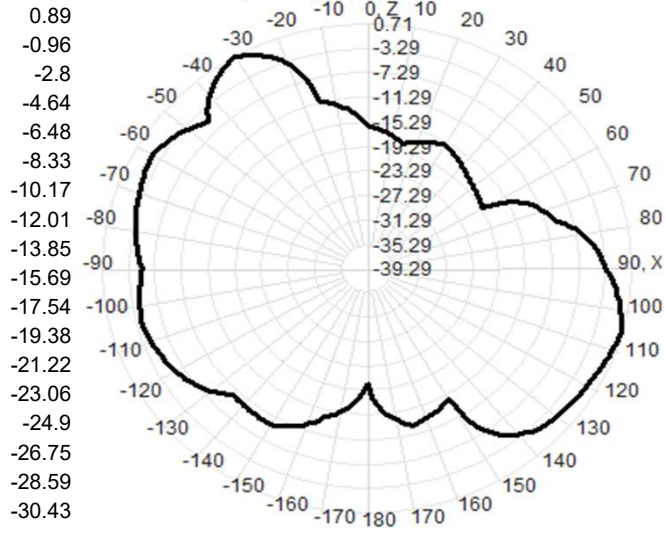


-30.83

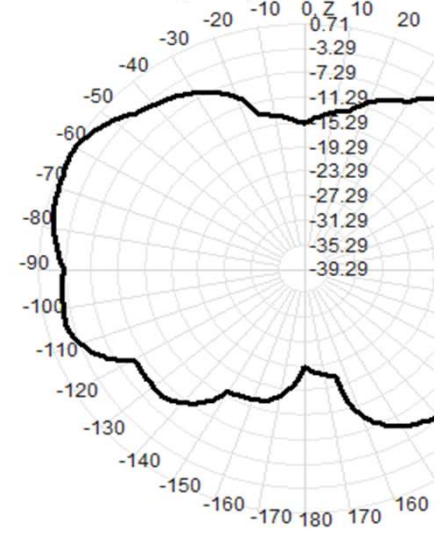
-160 -170 180 170 160

-160 -170 180 170 160

5410.0MHz Total(E1-XZ), Max= 2.13dBi

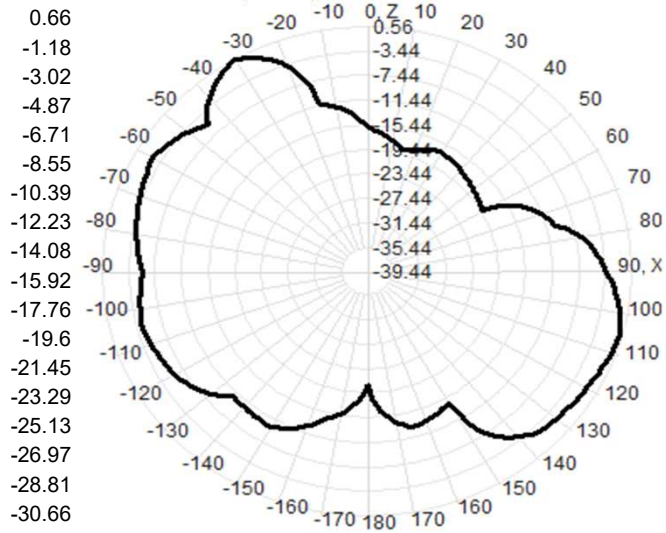


5410.0MHz Total(E2-YZ), Max= 0.47dBi

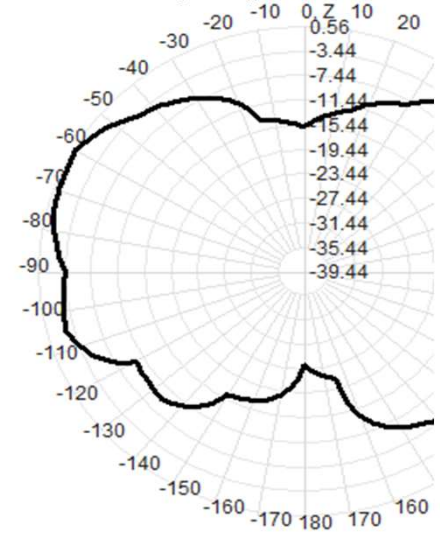


0.66
-1.18
-3.02
-4.87
-6.71
-8.55
-10.39
-12.23
-14.08
-15.92
-17.76
-19.6
-21.45
-23.29
-25.13
-26.97
-28.81
-30.66

5420.0MHz Total(E1-XZ), Max= 0.56dBi

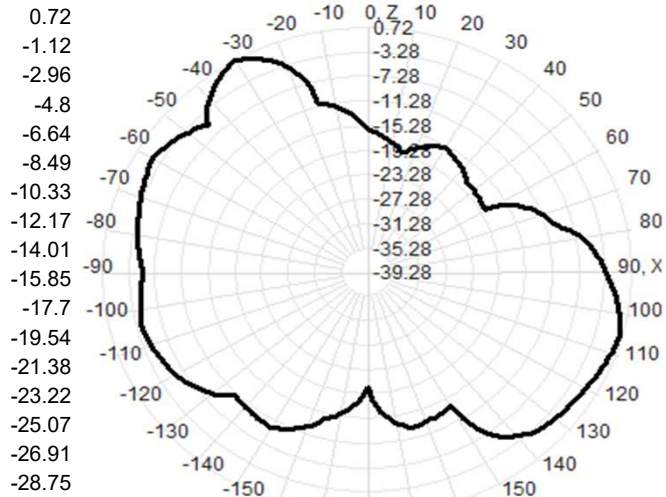


5420.0MHz Total(E2-YZ), Max= 0.12dBi

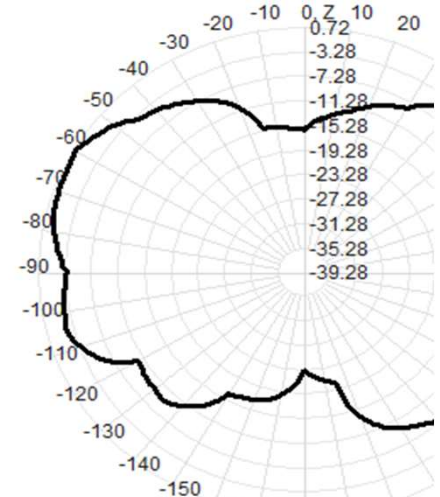


0.72
-1.12
-2.96
-4.8
-6.64
-8.49
-10.33
-12.17
-14.01
-15.85
-17.7
-19.54
-21.38
-23.22
-25.07
-26.91
-28.75

5430.0MHz Total(E1-XZ), Max= 0.72dBi



5430.0MHz Total(E2-YZ), Max= 0.33dBi



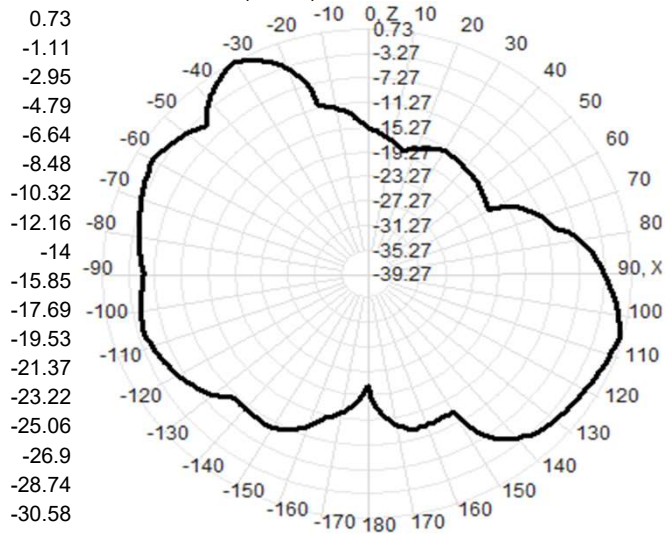


-30.59

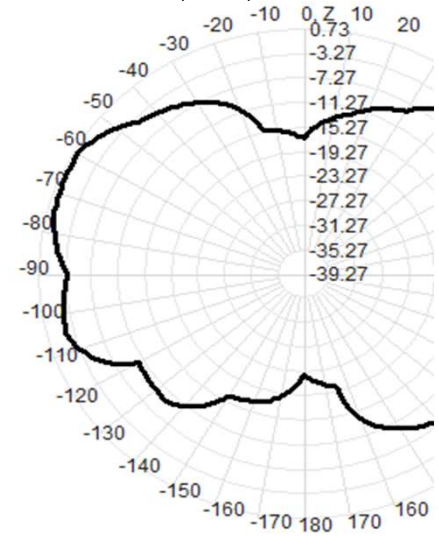
-160 -170 180 170 160

-160 -170 180 170 160

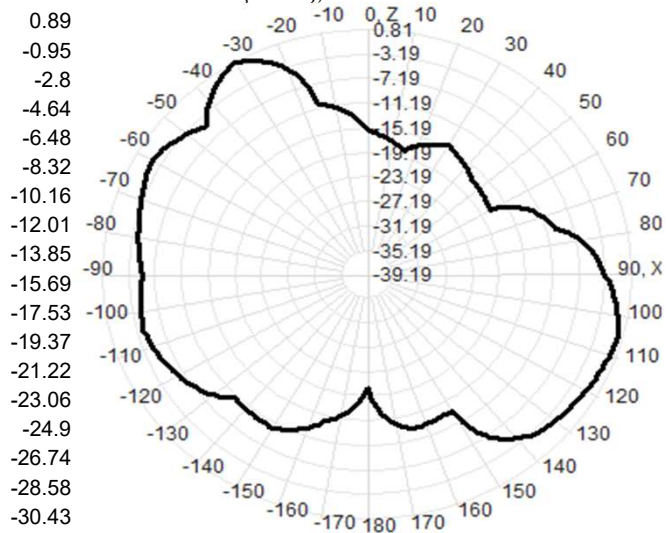
5440.0MHz Total(E1-XZ), Max= 0.73dBi



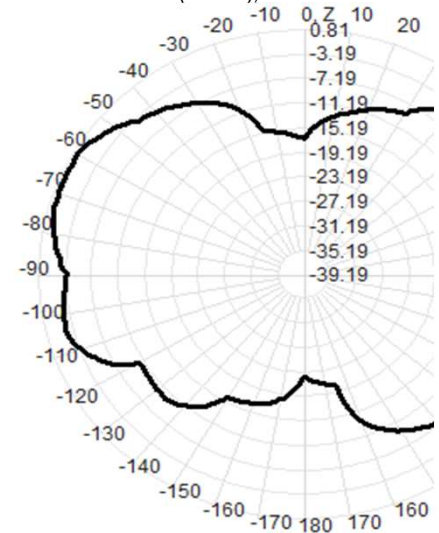
5440.0MHz Total(E2-YZ), Max= 0.05dBi



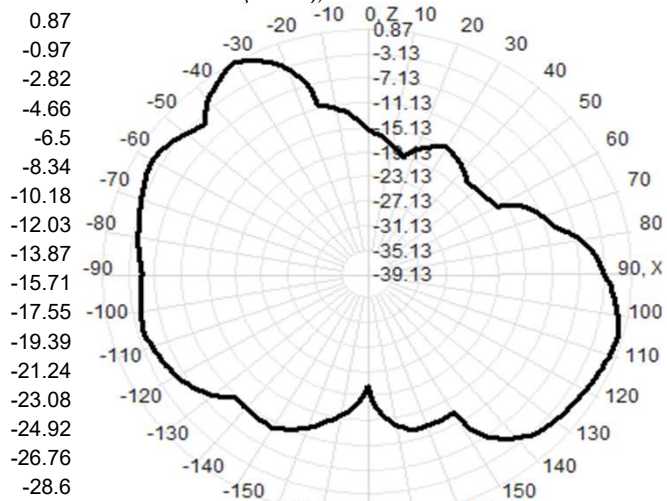
5450.0MHz Total(E1-XZ), Max= 0.81dBi



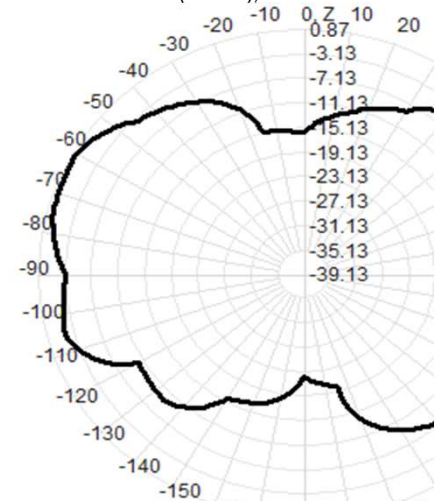
5450.0MHz Total(E2-YZ), Max= 0.15dBi



5460.0MHz Total(E1-XZ), Max= 0.87dBi



5460.0MHz Total(E2-YZ), Max= 0.33dBi



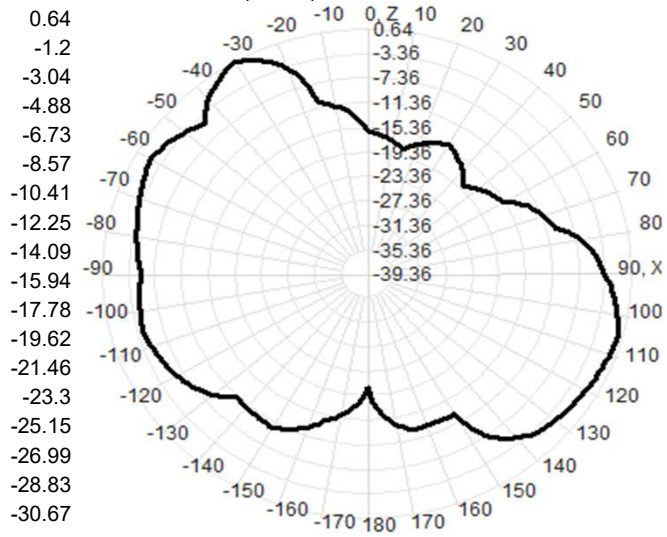


-30.45

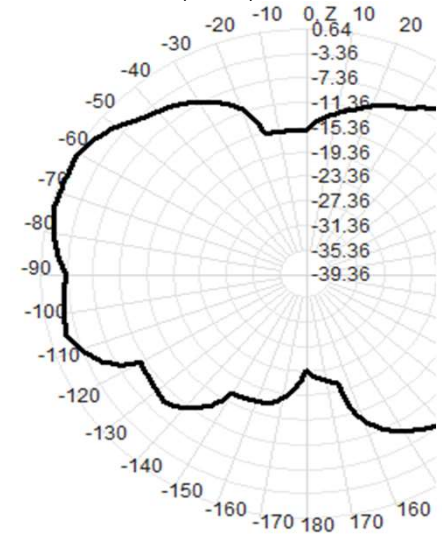
-160 -170 180 170 160

-160 -170 180 170 160

5470.0MHz Total(E1-XZ), Max= 0.63dBi

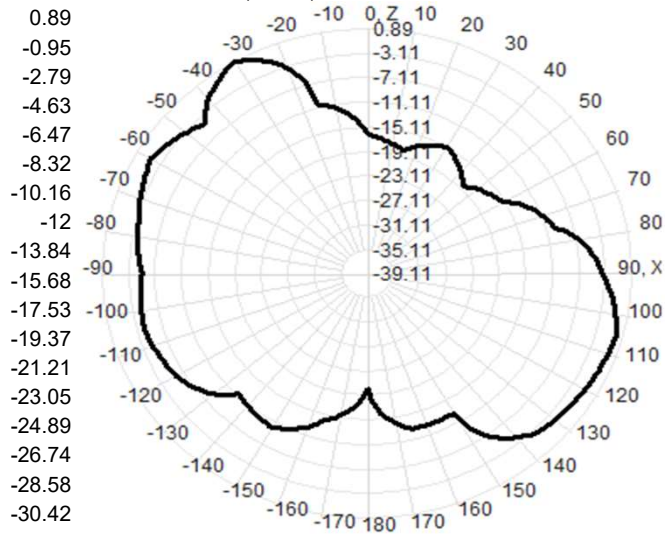


5470.0MHz Total(E2-YZ), Max= 0.11dBi

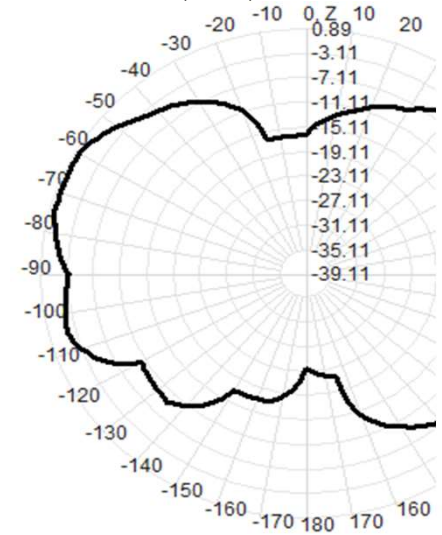


0.89
-0.95
-2.79
-4.63
-6.47
-8.32
-10.16
-12
-13.84
-15.68
-17.53
-19.37
-21.21
-23.05
-24.89
-26.74
-28.58
-30.42

5480.0MHz Total(E1-XZ), Max= 0.89dBi

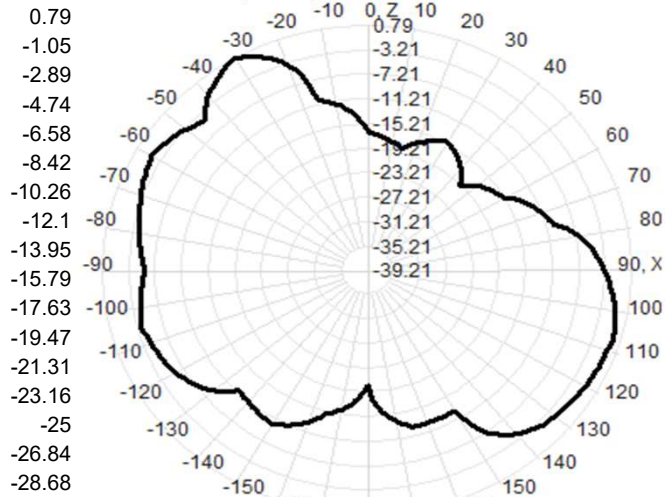


5480.0MHz Total(E2-YZ), Max= 0.23dBi

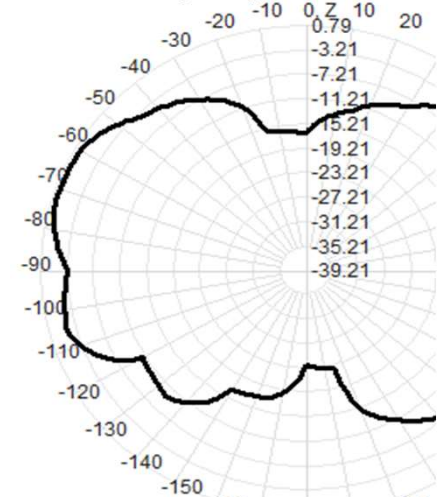


0.79
-1.05
-2.89
-4.74
-6.58
-8.42
-10.26
-12.1
-13.95
-15.79
-17.63
-19.47
-21.31
-23.16
-25
-26.84
-28.68

5490.0MHz Total(E1-XZ), Max= 0.79dBi



5490.0MHz Total(E2-YZ), Max= 0.09dBi

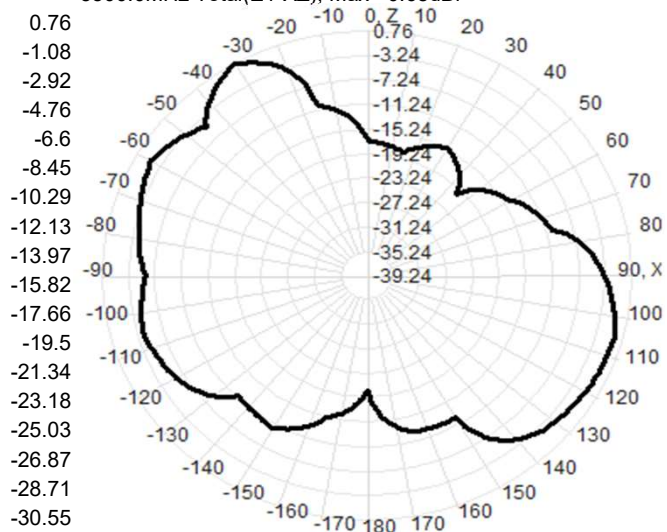




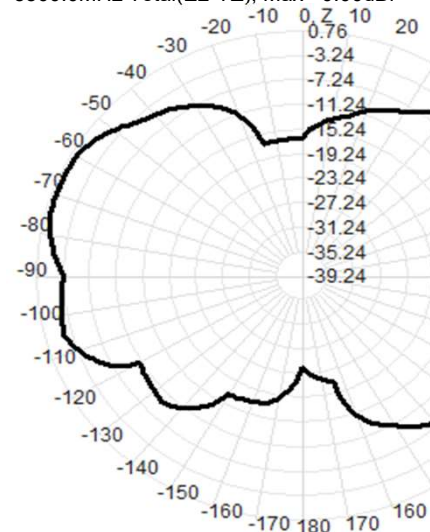
-30.53 -160 -170 180 170 160

-160 -170 180 170 160

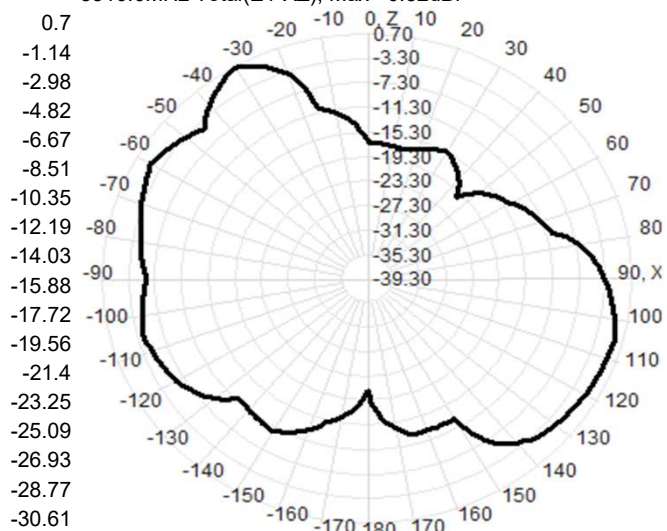
5500.0MHz Total(E1-XZ), Max= 0.68dBi



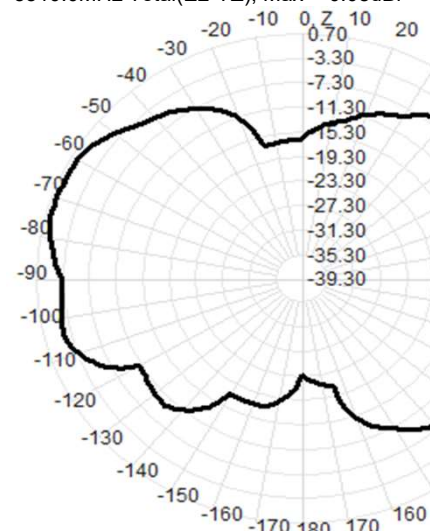
5500.0MHz Total(E2-YZ), Max= 0.00dBi



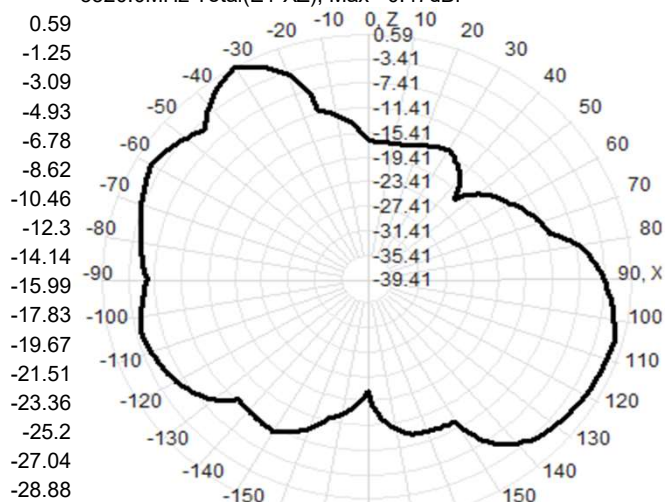
5510.0MHz Total(E1-XZ), Max= 0.52dBi



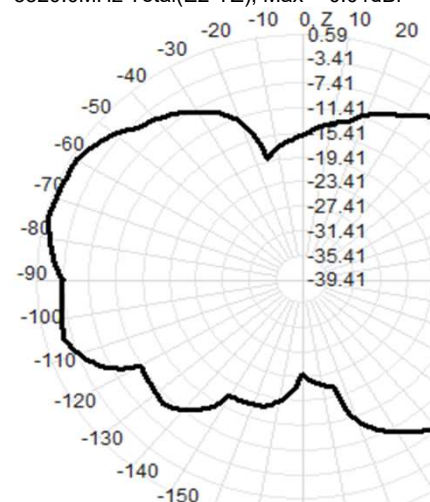
5510.0MHz Total(E2-YZ), Max= -0.08dBi



5520.0MHz Total(E1-XZ), Max= 0.47dBi



5520.0MHz Total(E2-YZ), Max= -0.01dBi



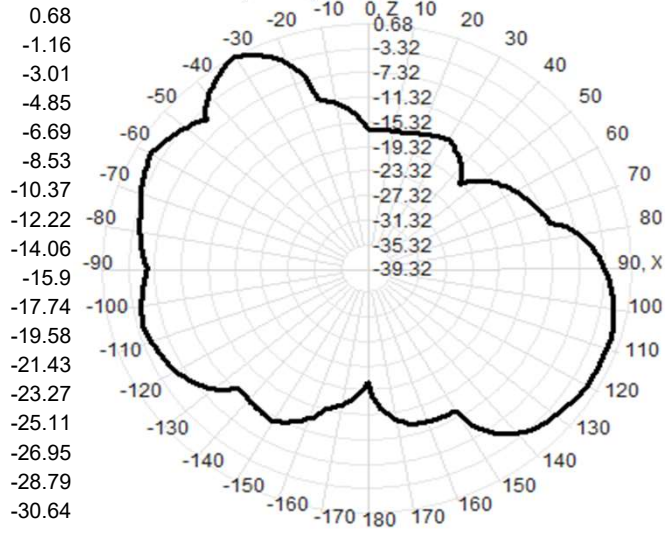


-30.72

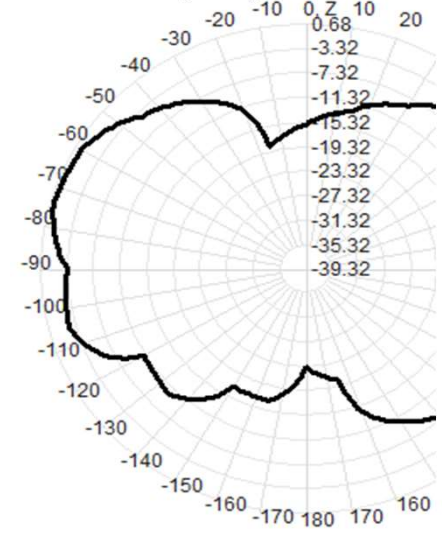
-160 -170 180 170 160

-160 -170 180 170 160

5530.0MHz Total(E1-XZ), Max= 0.68dBi

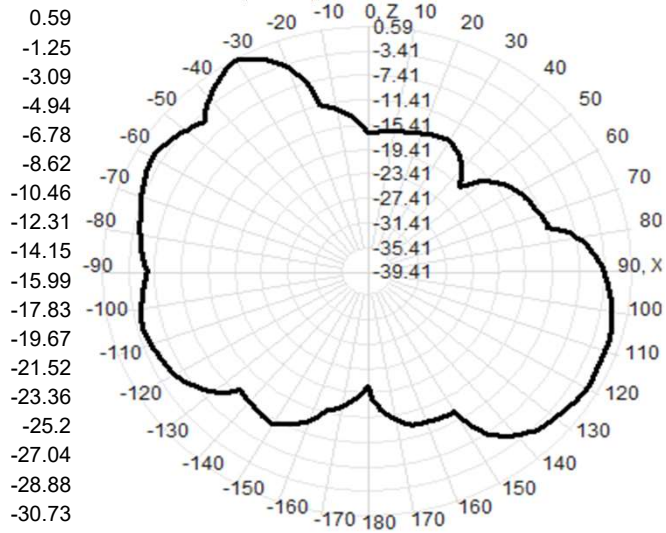


5530.0MHz Total(E2-YZ), Max= 0.06dBi

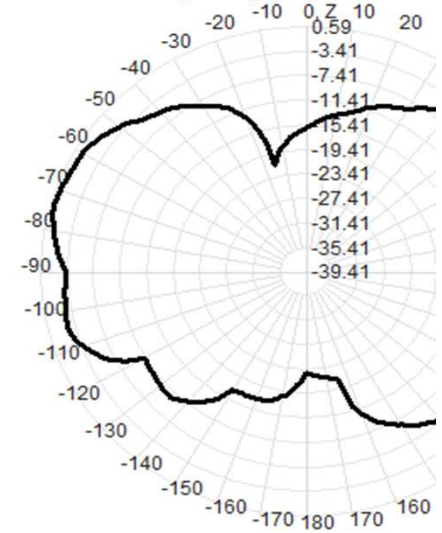


0.59
-1.25
-3.09
-4.94
-6.78
-8.62
-10.46
-12.31
-14.15
-15.99
-17.83
-19.67
-21.52
-23.36
-25.2
-27.04
-28.88
-30.73

5540.0MHz Total(E1-XZ), Max= 0.37dBi

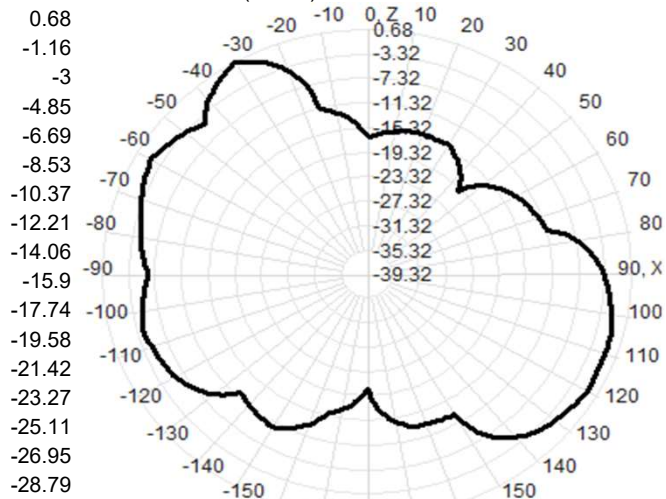


5540.0MHz Total(E2-YZ), Max= -0.03dBi

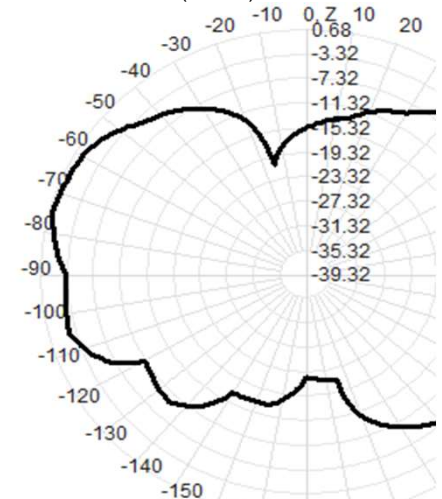


0.68
-1.16
-3
-4.85
-6.69
-8.53
-10.37
-12.21
-14.06
-15.9
-17.74
-19.58
-21.42
-23.27
-25.11
-26.95
-28.79

5550.0MHz Total(E1-XZ), Max= 0.53dBi



5550.0MHz Total(E2-YZ), Max= 0.10dBi



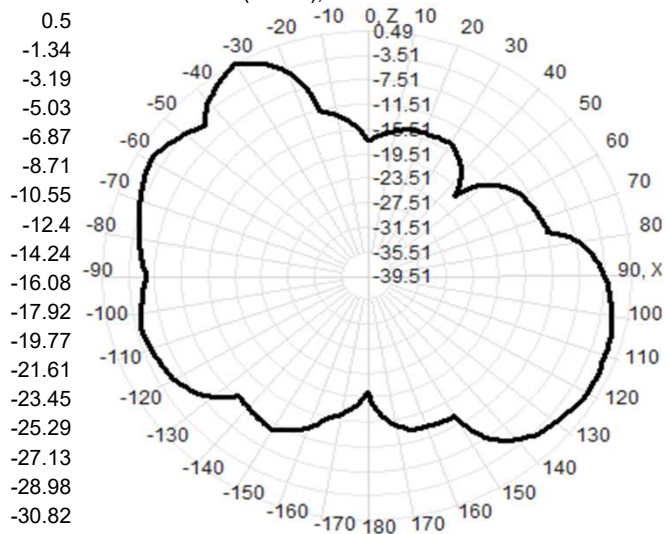


-30.64

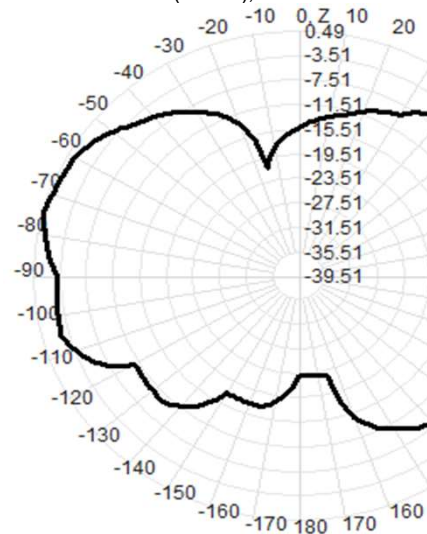
-160 -170 180 170 160

-160 -170 180 170 160

5560.0MHz Total(E1-XZ), Max= 0.36dBi

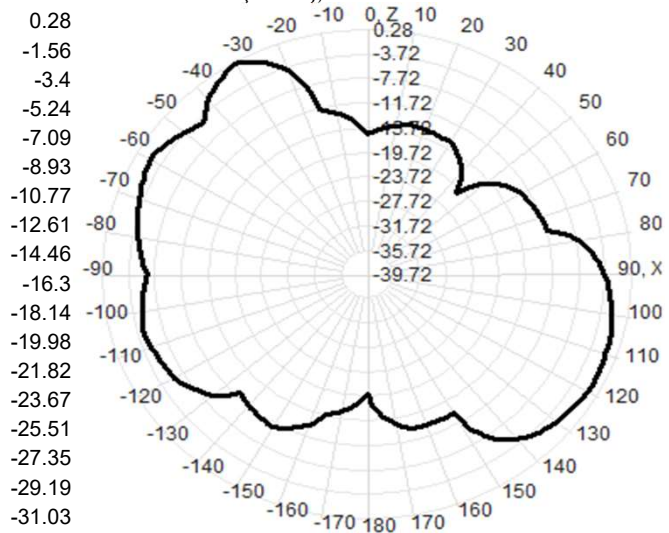


5560.0MHz Total(E2-YZ), Max= 0.15dBi

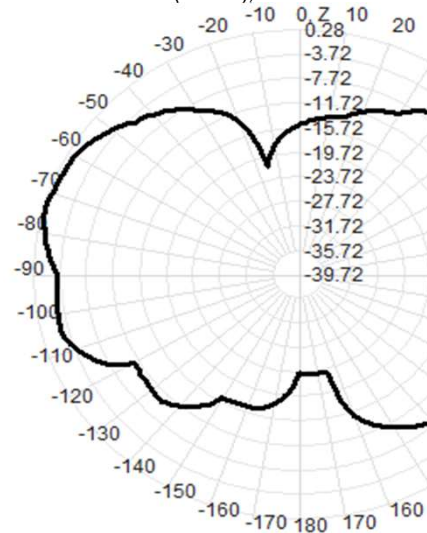


0.28
-1.56
-3.4
-5.24
-7.09
-8.93
-10.77
-12.61
-14.46
-16.3
-18.14
-19.98
-21.82
-23.67
-25.51
-27.35
-29.19
-31.03

5570.0MHz Total(E1-XZ), Max= 0.10dBi

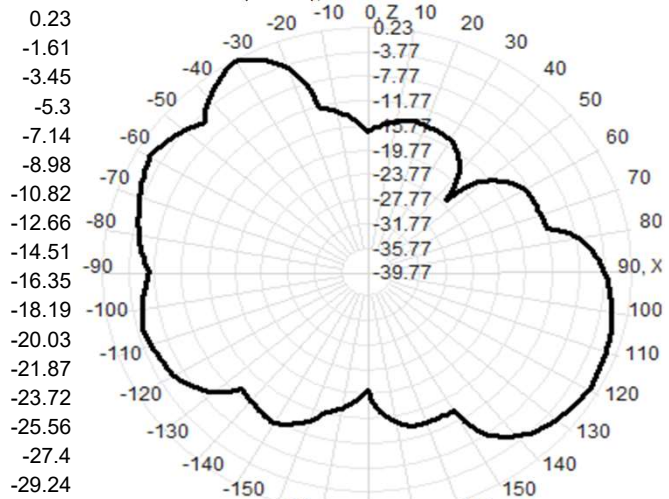


5570.0MHz Total(E2-YZ), Max= -0.08dBi

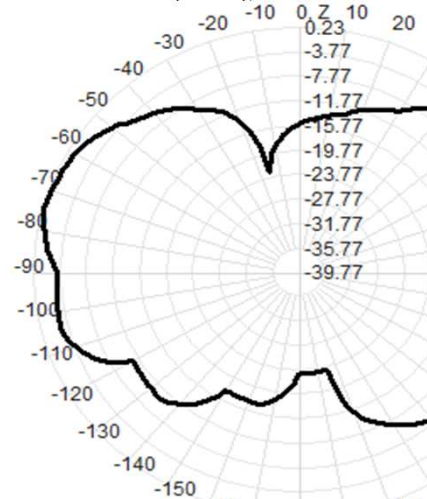


0.23
-1.61
-3.45
-5.3
-7.14
-8.98
-10.82
-12.66
-14.51
-16.35
-18.19
-20.03
-21.87
-23.72
-25.56
-27.4
-29.24

5580.0MHz Total(E1-XZ), Max= 0.03dBi



5580.0MHz Total(E2-YZ), Max= -0.07dBi



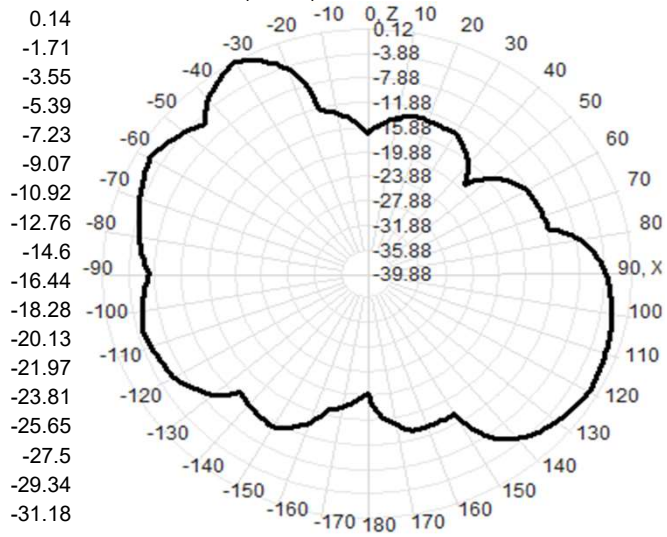


-31.08

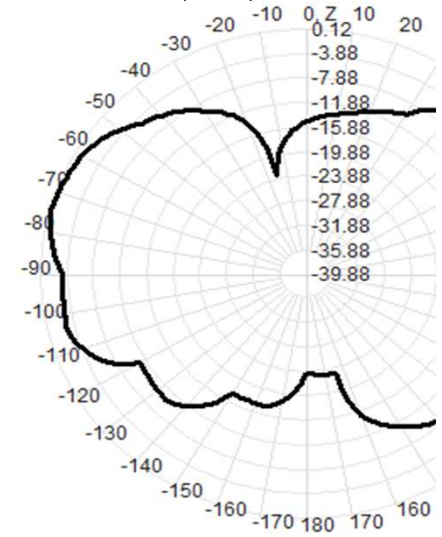
-160 -170 180 170 160

-160 -170 180 170 160

5590.0MHz Total(E1-XZ), Max= 0.09dBi

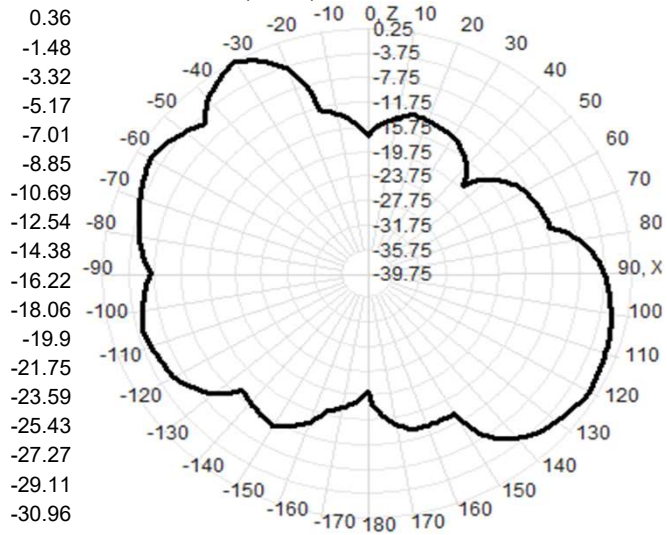


5590.0MHz Total(E2-YZ), Max= -0.03dBi

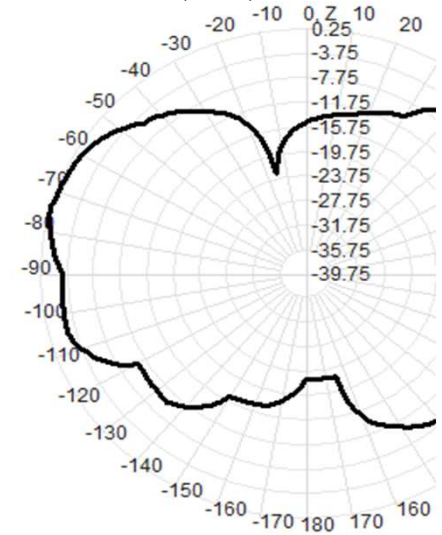


0.36
-1.48
-3.32
-5.17
-7.01
-8.85
-10.69
-12.54
-14.38
-16.22
-18.06
-19.9
-21.75
-23.59
-25.43
-27.27
-29.11
-30.96

5600.0MHz Total(E1-XZ), Max= 0.18dBi

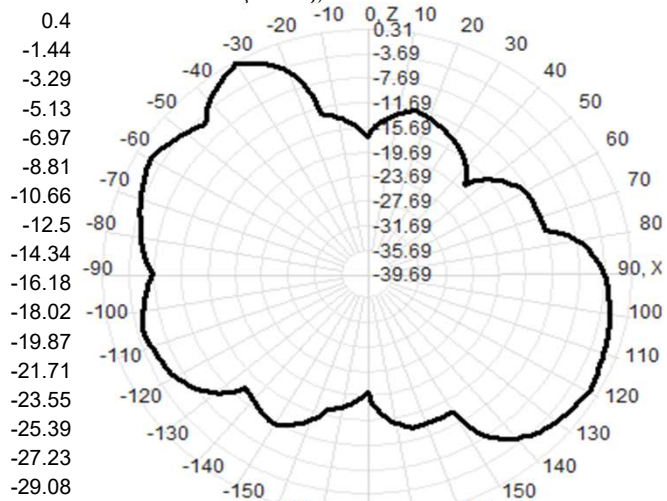


5600.0MHz Total(E2-YZ), Max= 0.15dBi

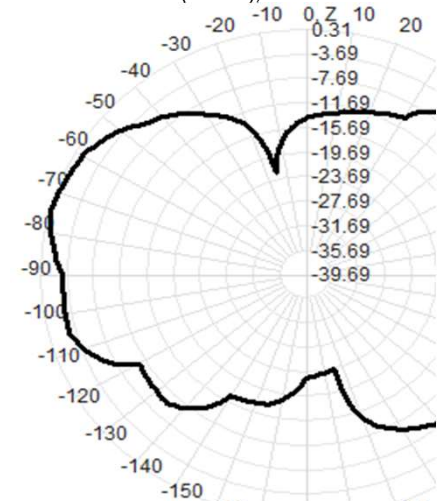


0.4
-1.44
-3.29
-5.13
-6.97
-8.81
-10.66
-12.5
-14.34
-16.18
-18.02
-19.87
-21.71
-23.55
-25.39
-27.23
-29.08

5610.0MHz Total(E1-XZ), Max= -0.12dBi



5610.0MHz Total(E2-YZ), Max= 0.05dBi

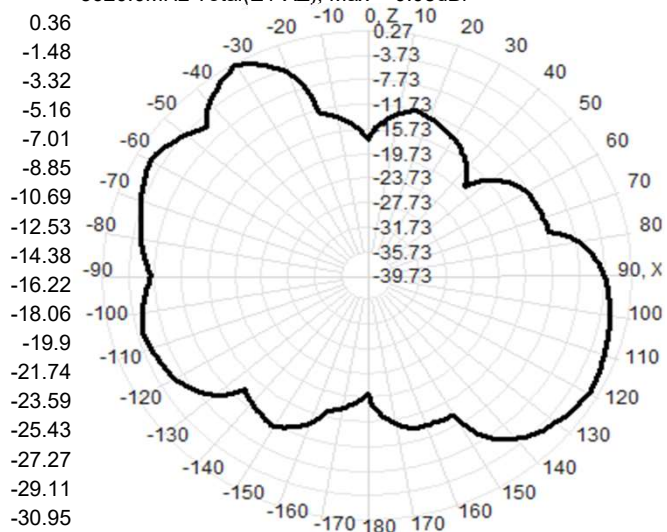




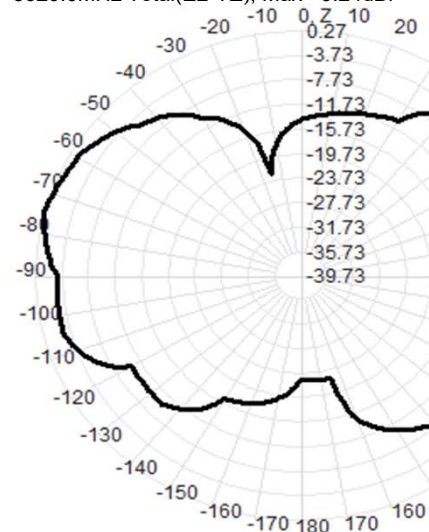
-30.92 -160 -170 180 170 160

-160 -170 180 170 160

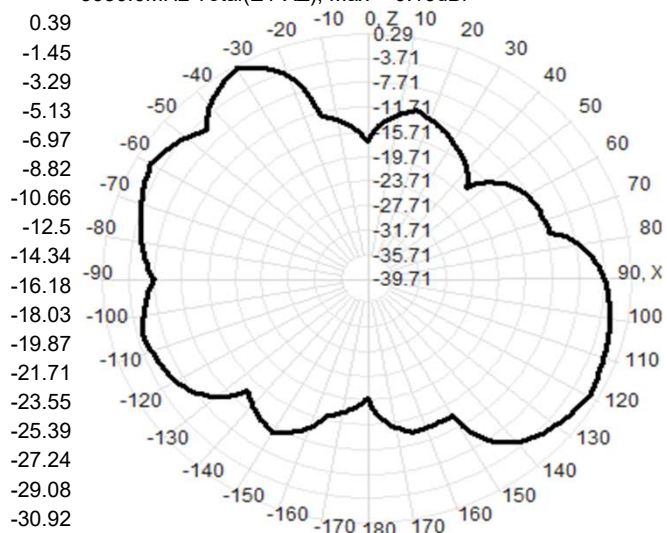
5620.0MHz Total(E1-XZ), Max= -0.08dBi



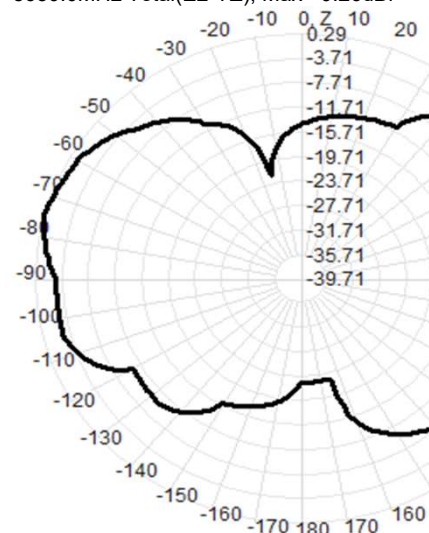
5620.0MHz Total(E2-YZ), Max= 0.24dBi



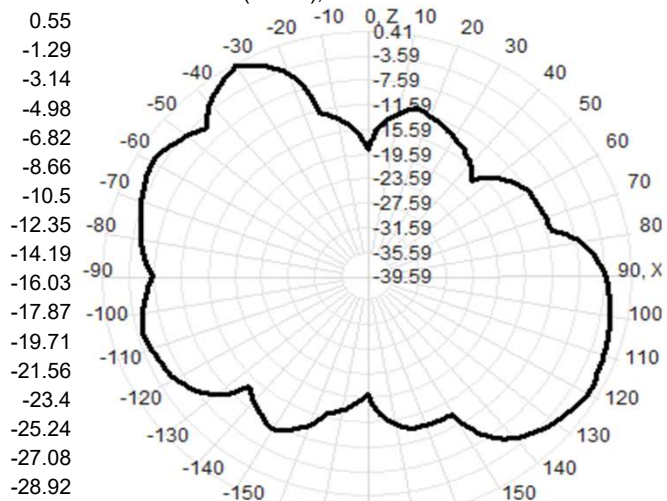
5630.0MHz Total(E1-XZ), Max= -0.16dBi



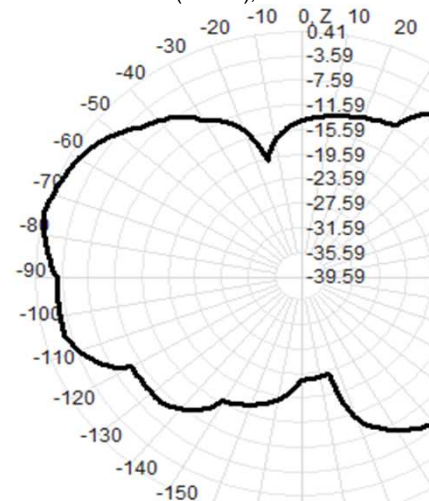
5630.0MHz Total(E2-YZ), Max= 0.26dBi



5640.0MHz Total(E1-XZ), Max= 0.01dBi



5640.0MHz Total(E2-YZ), Max= 0.41dBi



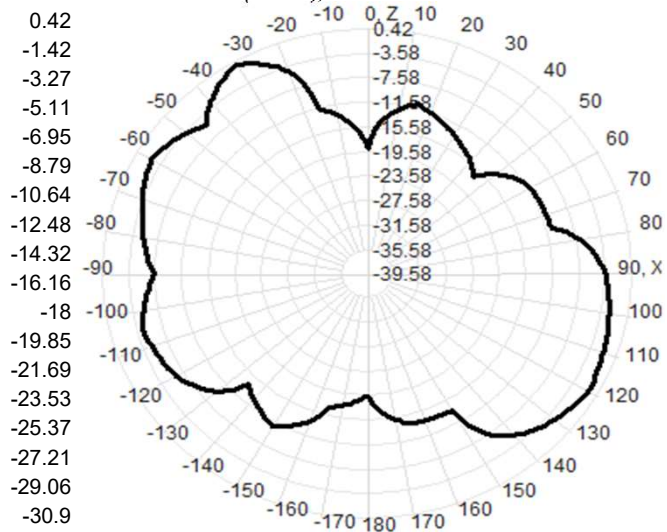


-30.77

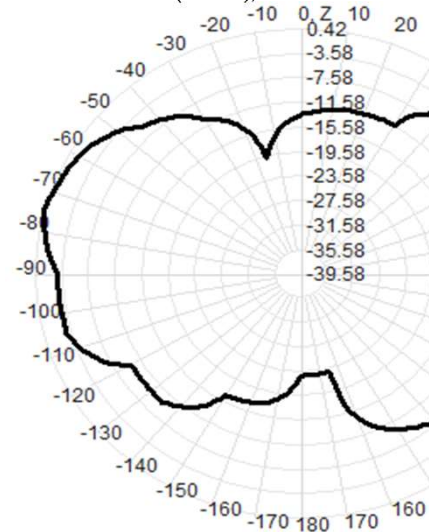
-160 -170 180 170 160

-160 -170 180 170 160

5650.0MHz Total(E1-XZ), Max= -0.20dBi

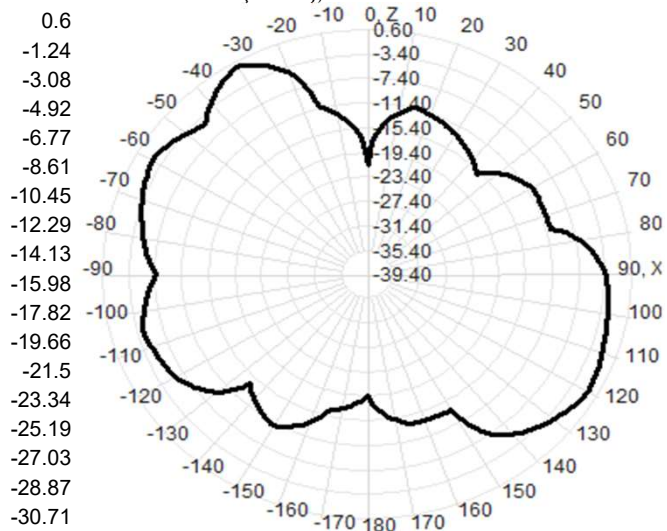


5650.0MHz Total(E2-YZ), Max= 0.42dBi

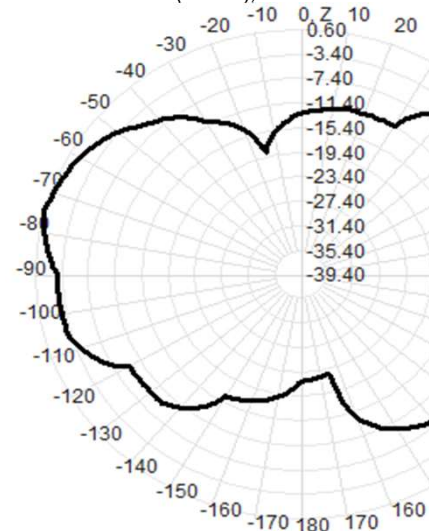


0.6
-1.24
-3.08
-4.92
-6.77
-8.61
-10.45
-12.29
-14.13
-15.98
-17.82
-19.66
-21.5
-23.34
-25.19
-27.03
-28.87
-30.71

5660.0MHz Total(E1-XZ), Max= -0.17dBi

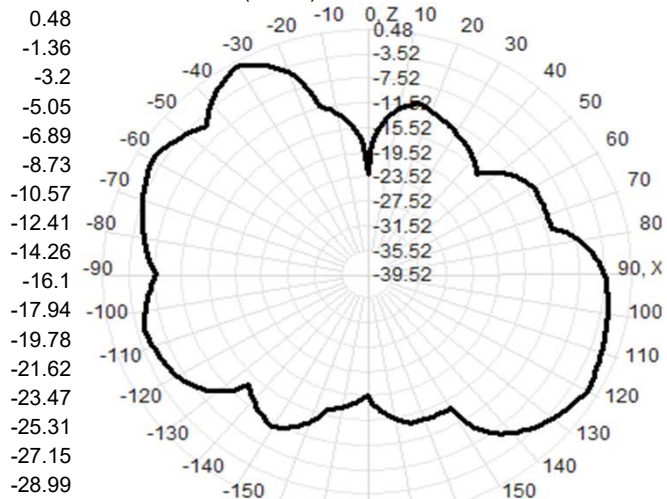


5660.0MHz Total(E2-YZ), Max= 0.60dBi

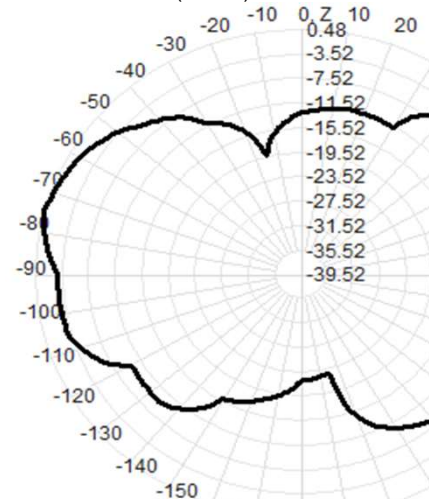


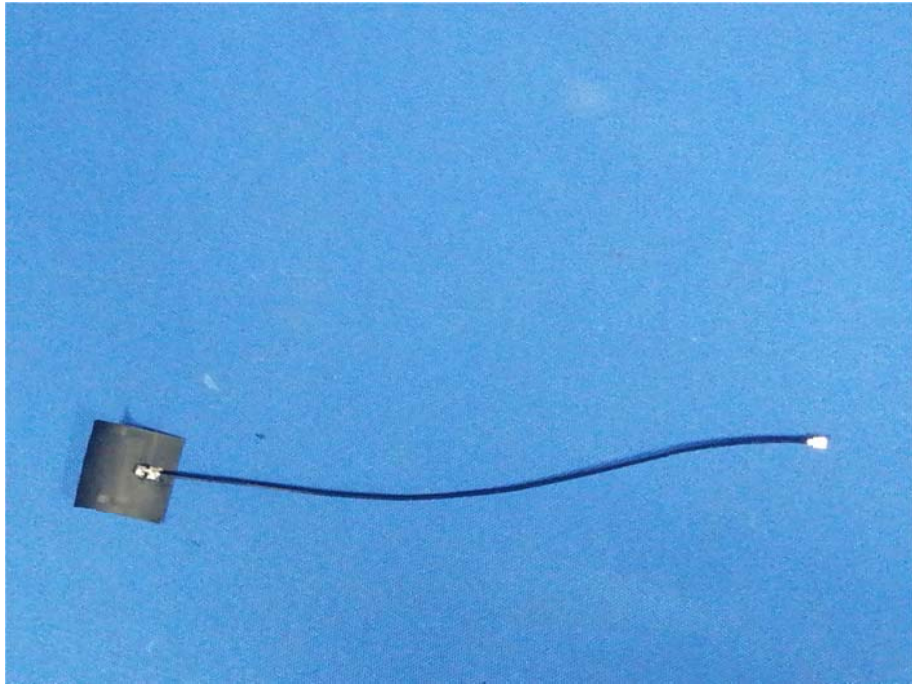
0.48
-1.36
-3.2
-5.05
-6.89
-8.73
-10.57
-12.41
-14.26
-16.1
-17.94
-19.78
-21.62
-23.47
-25.31
-27.15
-28.99

5670.0MHz Total(E1-XZ), Max= -0.33dBi



5670.0MHz Total(E2-YZ), Max= 0.48dBi





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