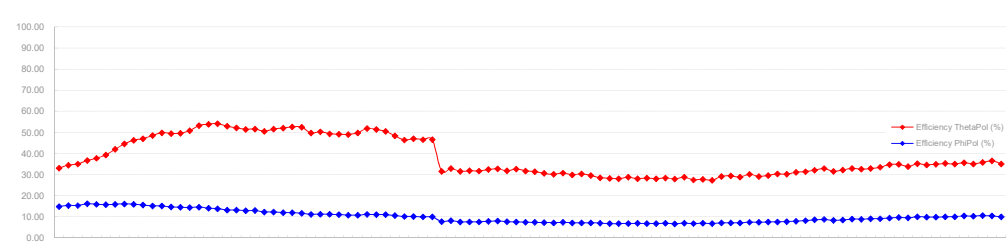
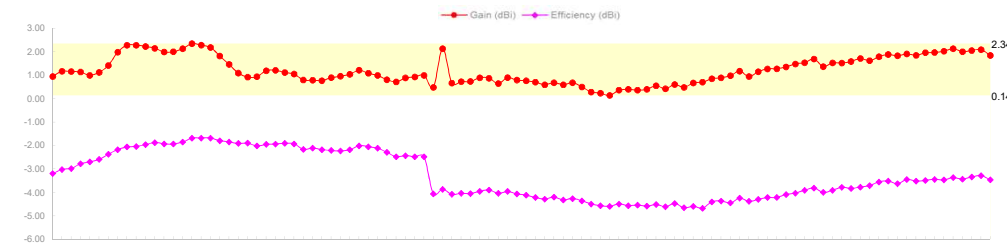
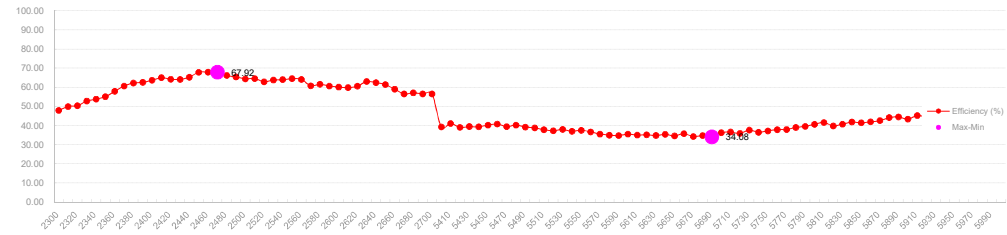
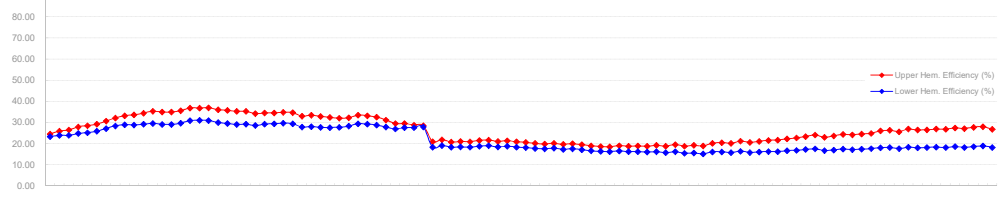


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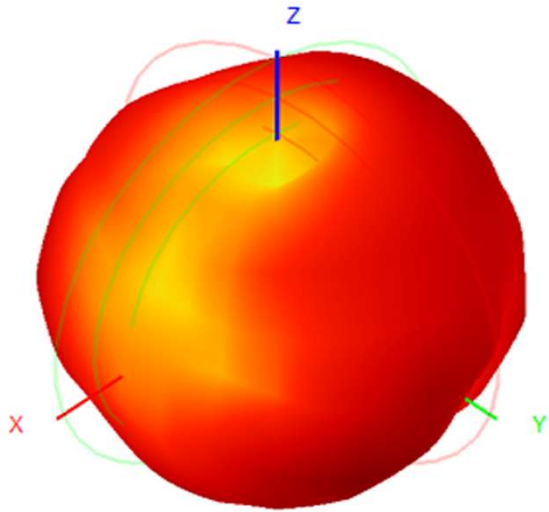
Table with 37 columns (Frequency ID 1-37) and 30 rows of performance metrics including Frequency (MHz), Efficiency (dBi), Gain (dBi), Directivity (dB), Peak Gain Position (Theta), Efficiency ThetaPol (%), Upper/Lower Hem. Efficiency (%), T90(H) 角度, Gain 15deg (dBi), E1(XZ) 波瓣宽度, E2(YZ) 波瓣宽度, 最大增益轴后比(P), 波角10度半轴(大)轴后比(P), Hc(XY) 波瓣宽度, 左旋圆极化效率(%), and 右旋圆极化效率(%).



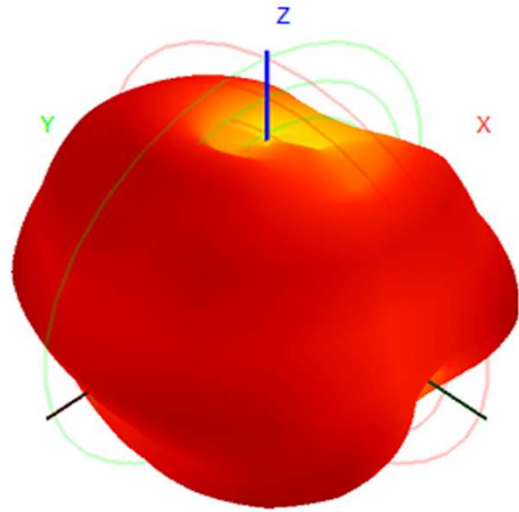


79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
5770	5780	5790	5800	5810	5820	5830	5840	5850	5860	5870	5880	5890	5900	5910	5920	5930	5940	5950	5960	5970	5980	5990	6000
-4.21	-4.09	-4.03	-3.91	-3.81	-4.00	-3.90	-3.79	-3.83	-3.77	-3.71	-3.55	-3.51	-3.63	-3.45	-3.52	-3.49	-3.44	-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	26.30	25.71	26.91	26.43	26.59	26.90	26.84	27.45	27.14	27.71	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	14.00	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	17.93	16.96	20.29	21.10	30.44	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	12.37
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	88.82	81.36	92.42	99.59	70.69	61.26	81.17	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	64.00	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	22.79	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

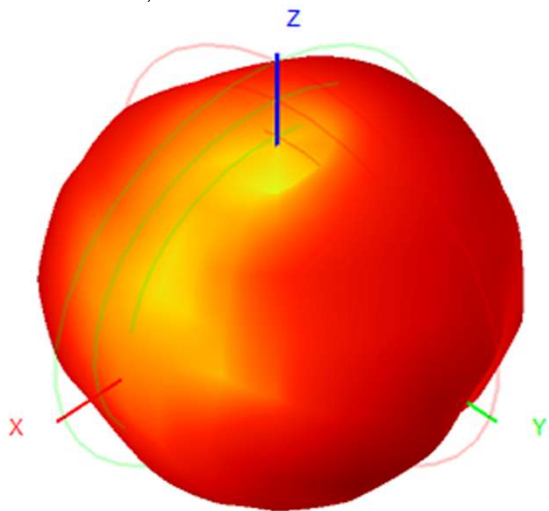
2300.0MHz H+V, Eff: 47.9%



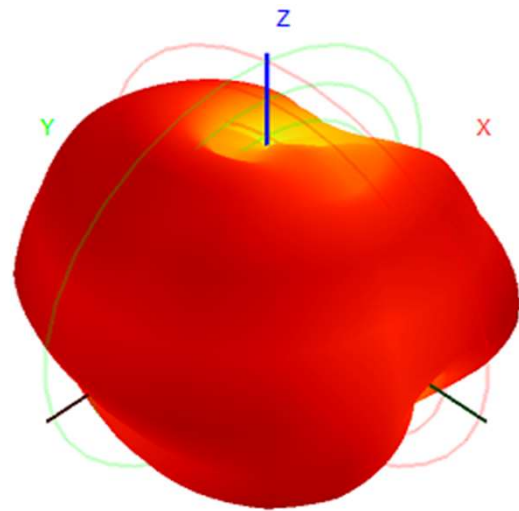
Back View



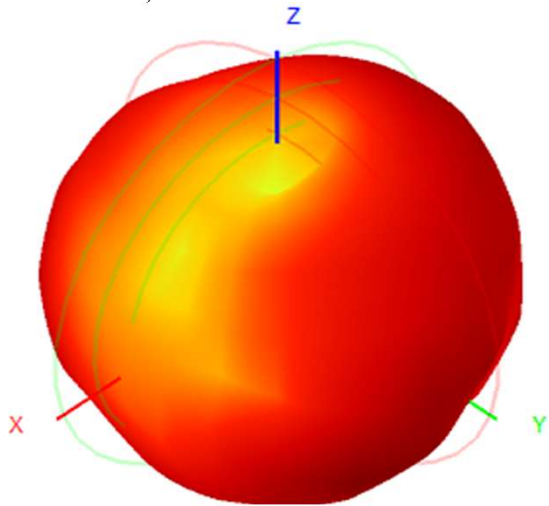
2310.0MHz H+V, Eff: 49.9%



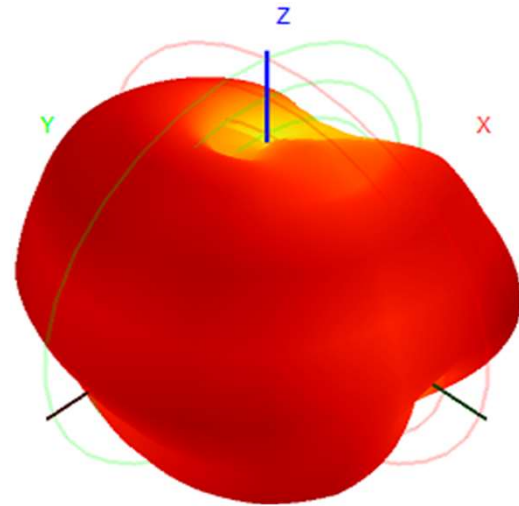
Back View



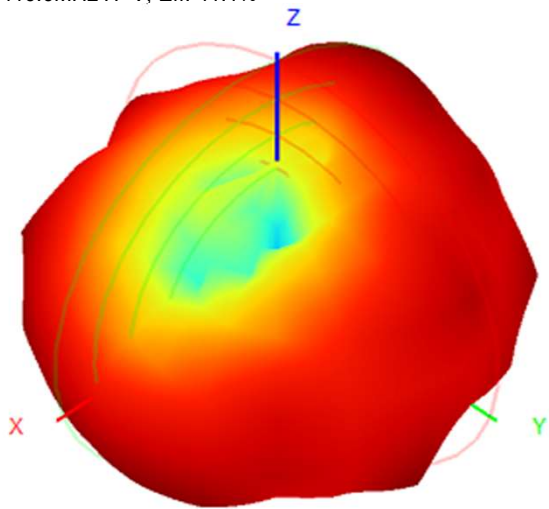
2320.0MHz H+V, Eff: 50.4%



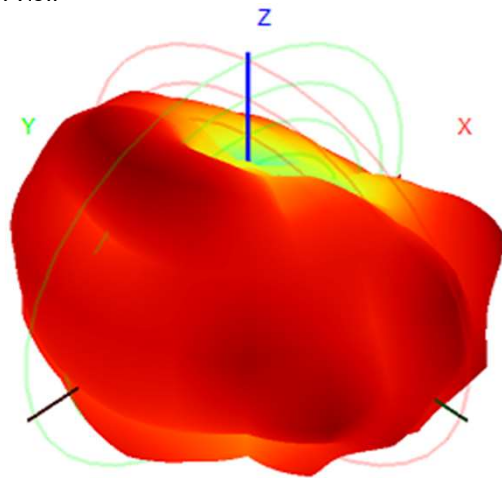
Back View



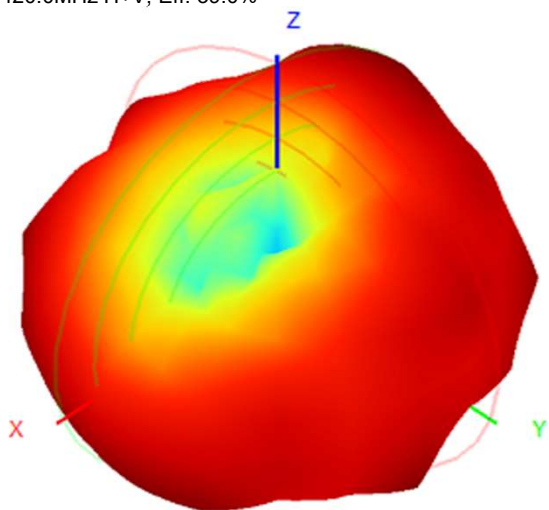
5410.0MHz H+V, Eff: 41.1%



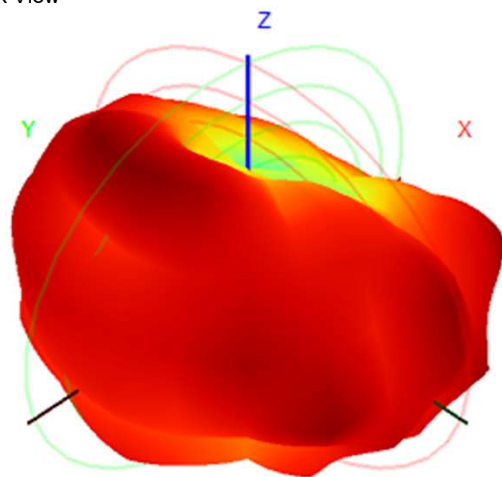
Back View



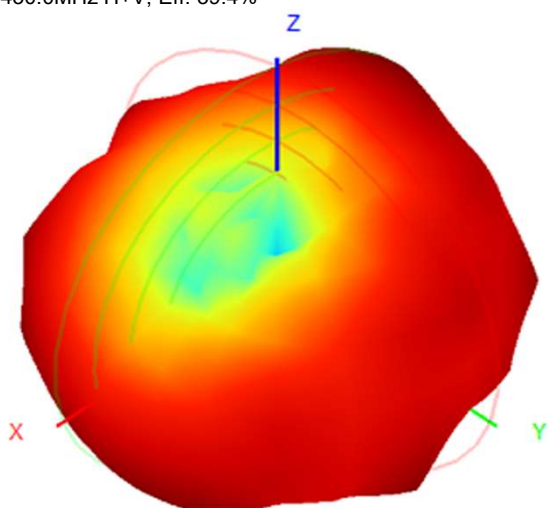
5420.0MHz H+V, Eff: 39.0%



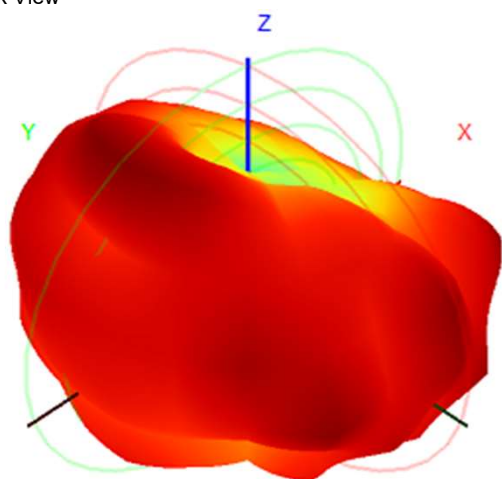
Back View

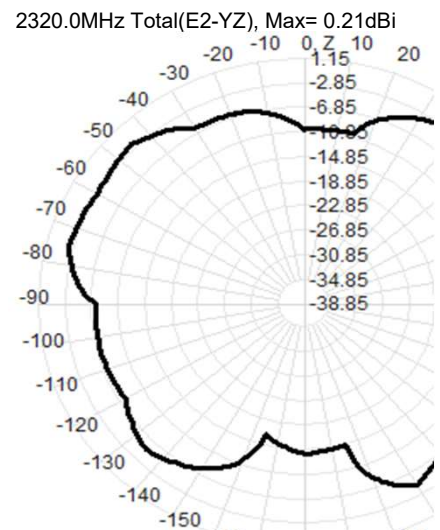
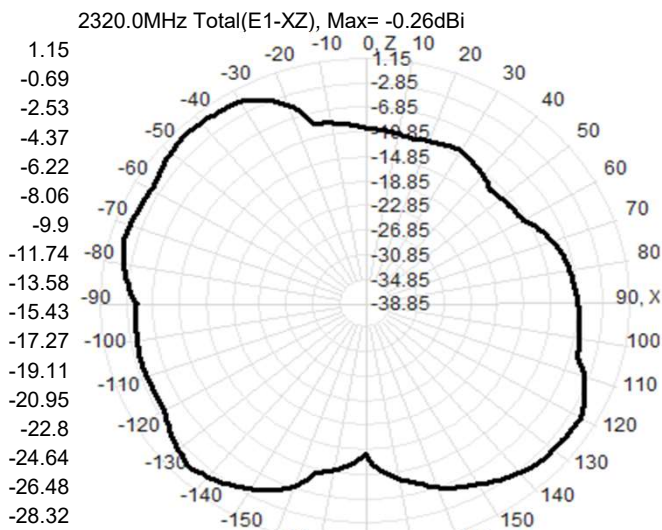
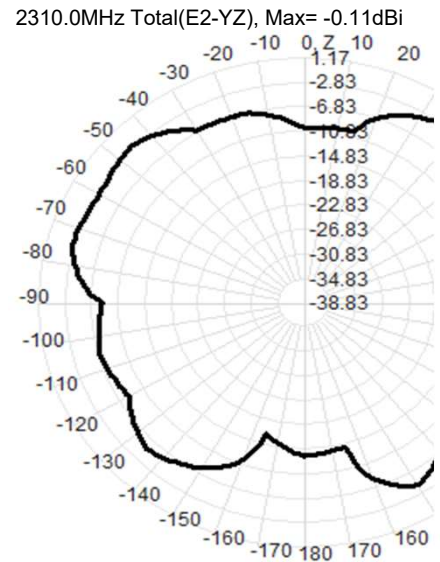
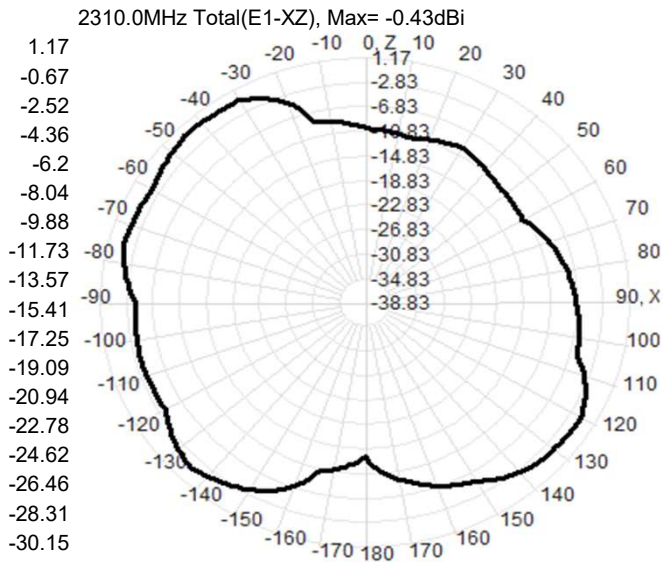
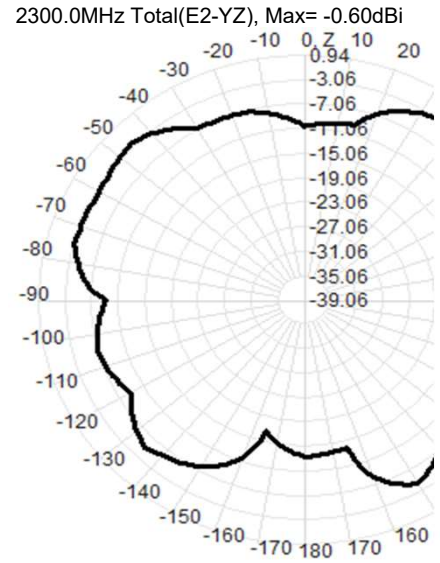
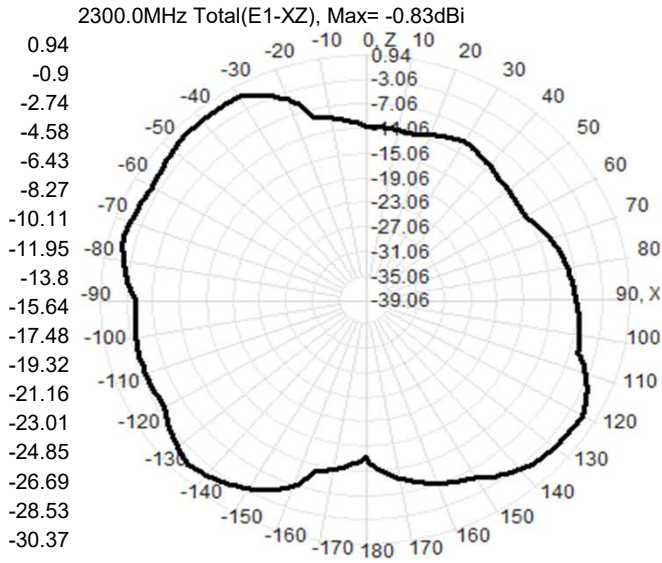


5430.0MHz H+V, Eff: 39.4%



Back View





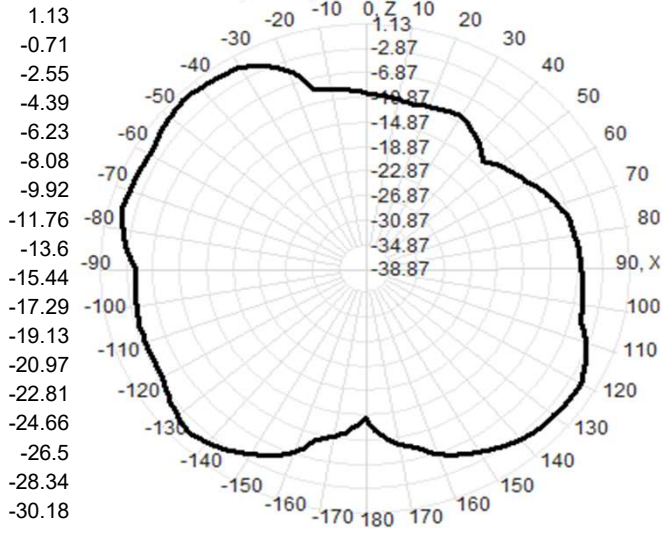


-30.16

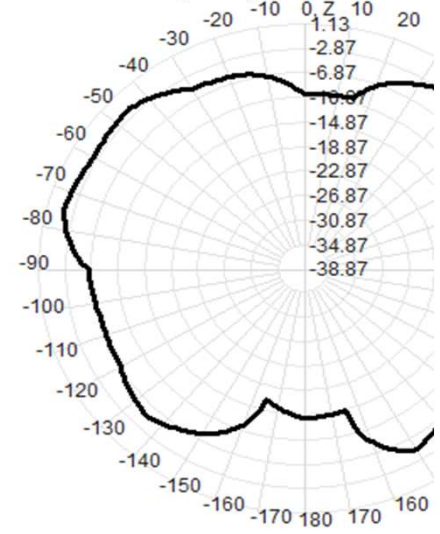
-160 -170 180 170 160

-160 -170 180 170 160

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

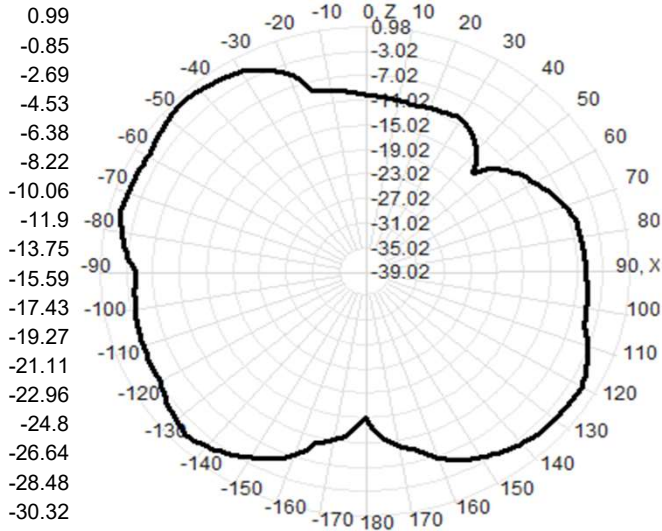


2330.0MHz Total(E2-YZ), Max= 0.65dBi

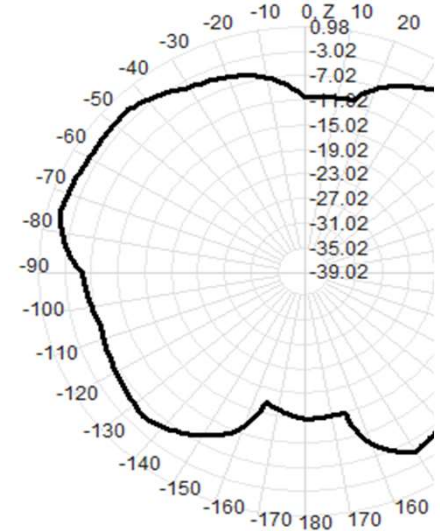


0.99
-0.85
-2.69
-4.53
-6.38
-8.22
-10.06
-11.9
-13.75
-15.59
-17.43
-19.27
-21.11
-22.96
-24.8
-26.64
-28.48
-30.32

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

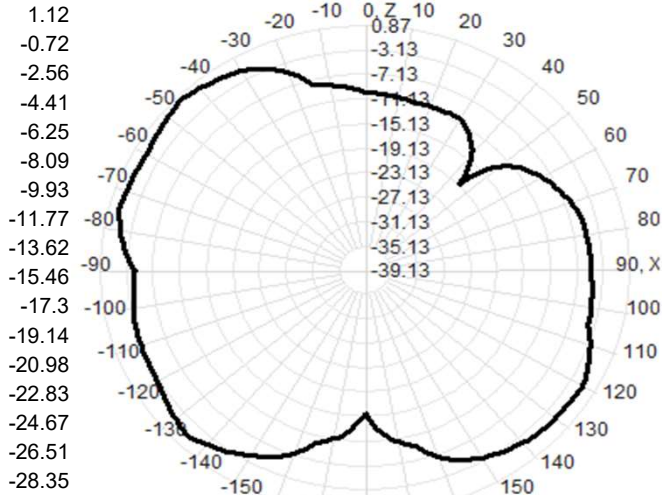


2340.0MHz Total(E2-YZ), Max= 0.71dBi

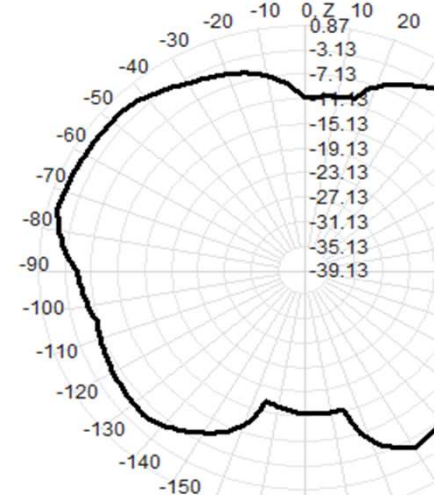


1.12
-0.72
-2.56
-4.41
-6.25
-8.09
-9.93
-11.77
-13.62
-15.46
-17.3
-19.14
-20.98
-22.83
-24.67
-26.51
-28.35

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



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



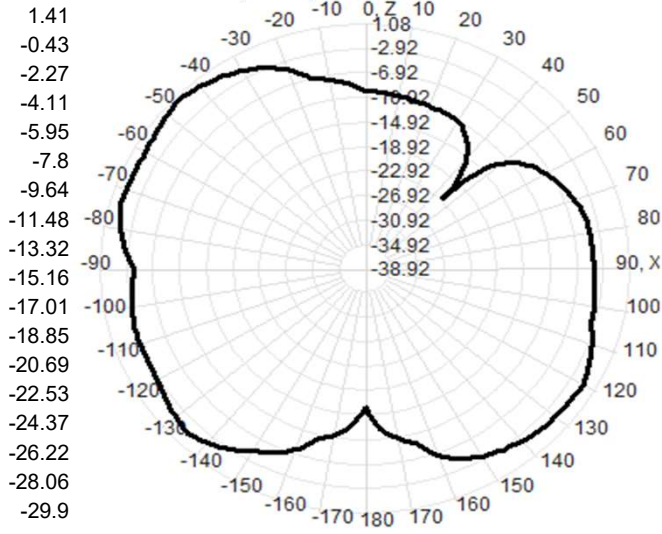


-30.2

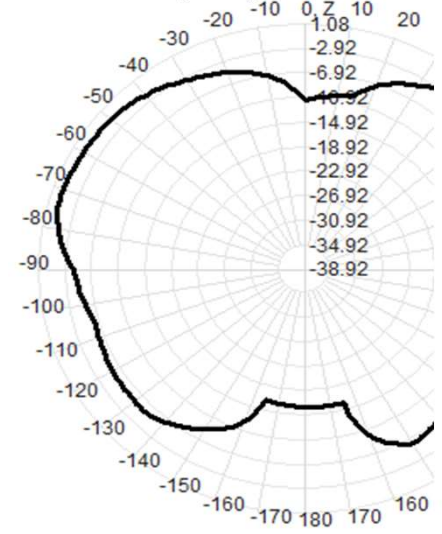
-160 -170 180 170 160

-160 -170 180 170 160

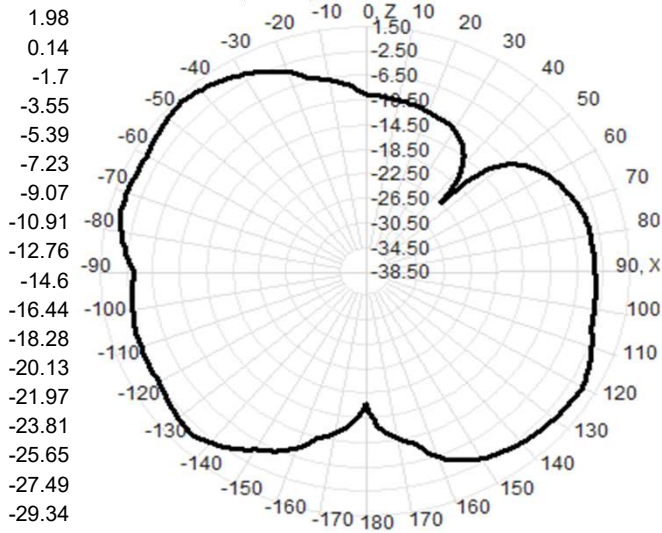
2360.0MHz Total(E1-XZ), Max= 0.41dBi



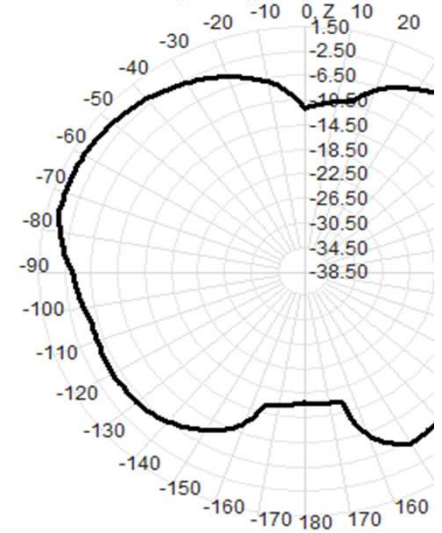
2360.0MHz Total(E2-YZ), Max= 0.75dBi



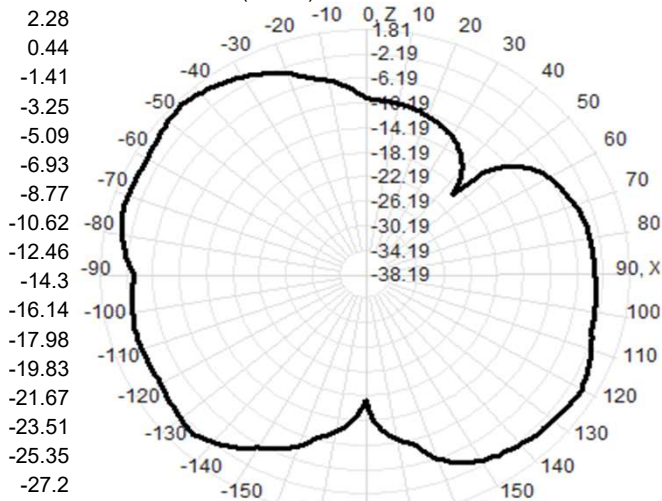
2370.0MHz Total(E1-XZ), Max= 0.67dBi



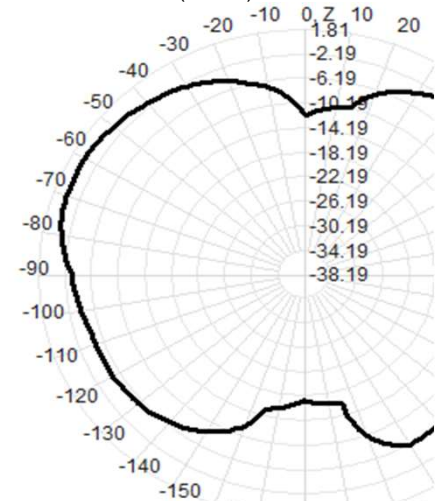
2370.0MHz Total(E2-YZ), Max= 0.90dBi



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



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



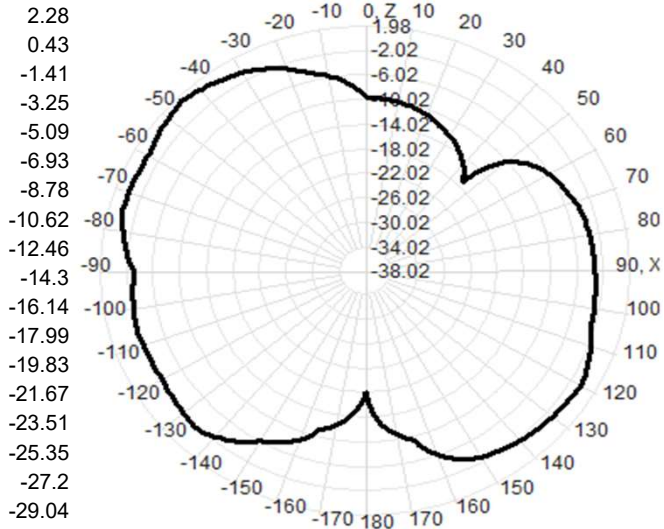


-29.04

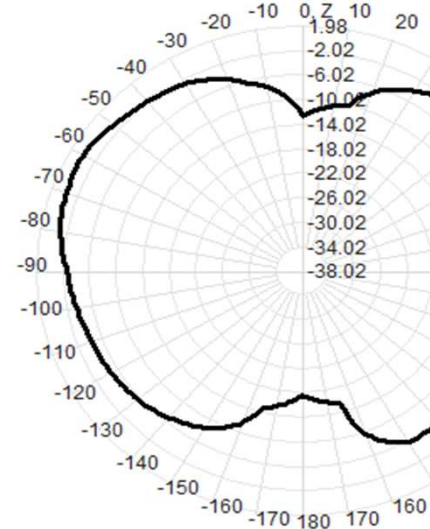
-160 -170 180 170 160

-160 -170 180 170 160

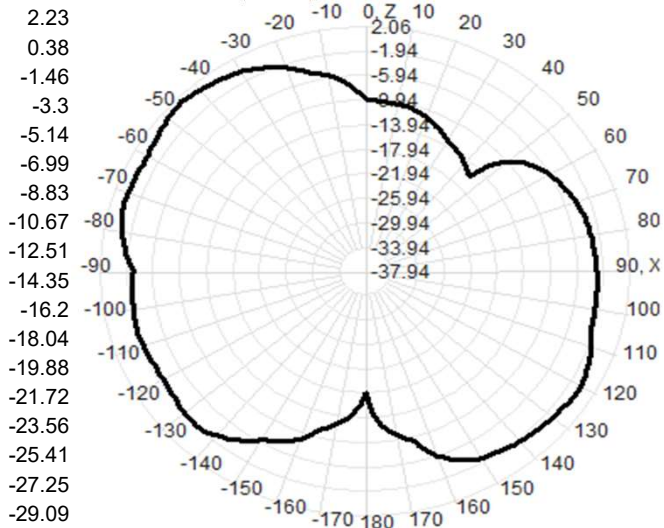
2390.0MHz Total(E1-XZ), Max= 1.09dBi



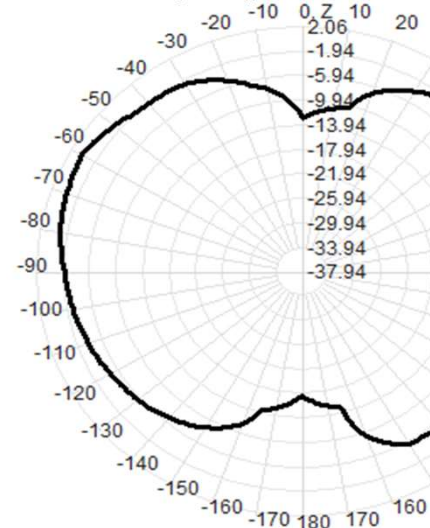
2390.0MHz Total(E2-YZ), Max= 1.37dBi



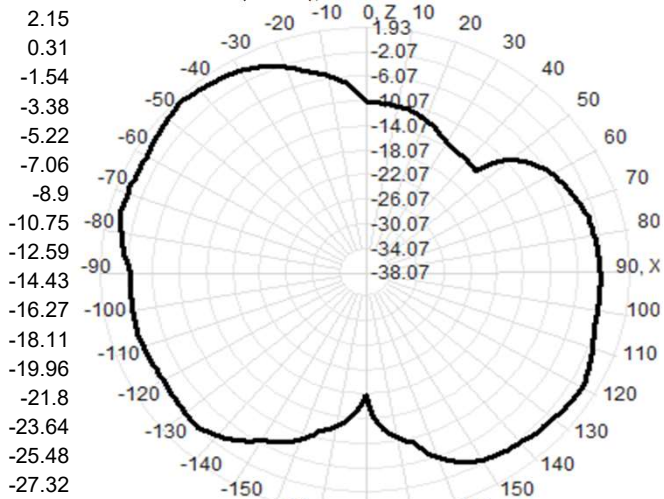
2400.0MHz Total(E1-XZ), Max= 1.20dBi



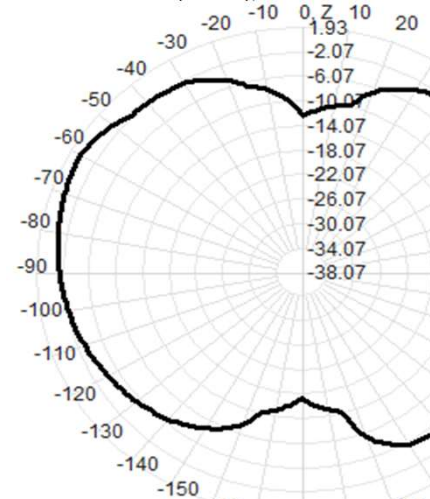
2400.0MHz Total(E2-YZ), Max= 1.64dBi



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



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



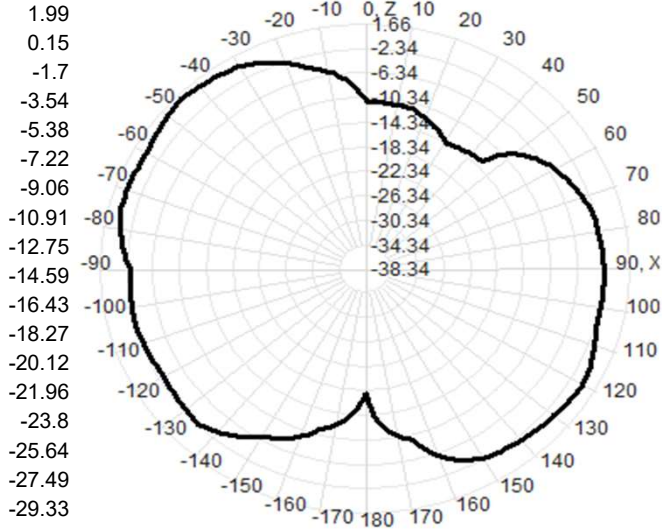


-29.17

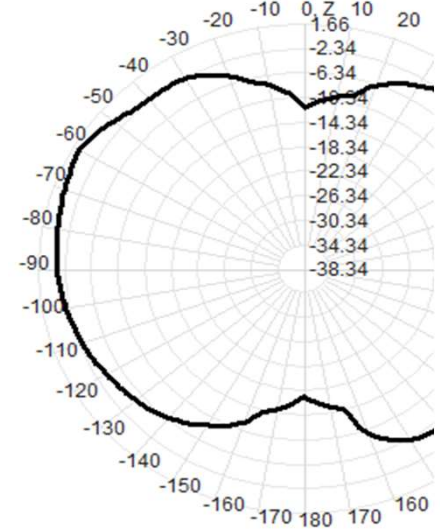
-160 -170 180 170 160

-160 -170 180 170 160

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

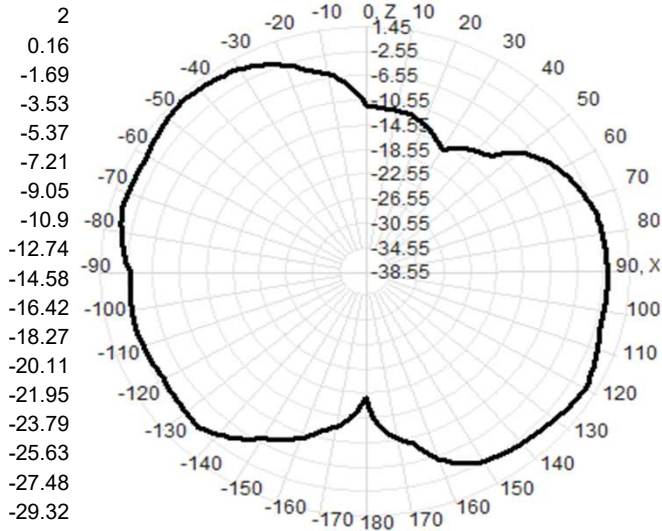


2420.0MHz Total(E2-YZ), Max= 1.66dBi

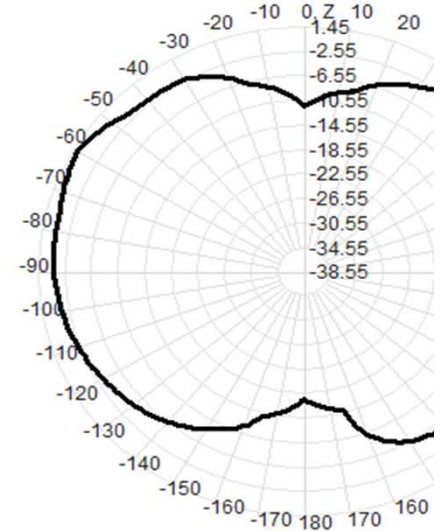


2
0.16
-1.69
-3.53
-5.37
-7.21
-9.05
-10.9
-12.74
-14.58
-16.42
-18.27
-20.11
-21.95
-23.79
-25.63
-27.48
-29.32

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

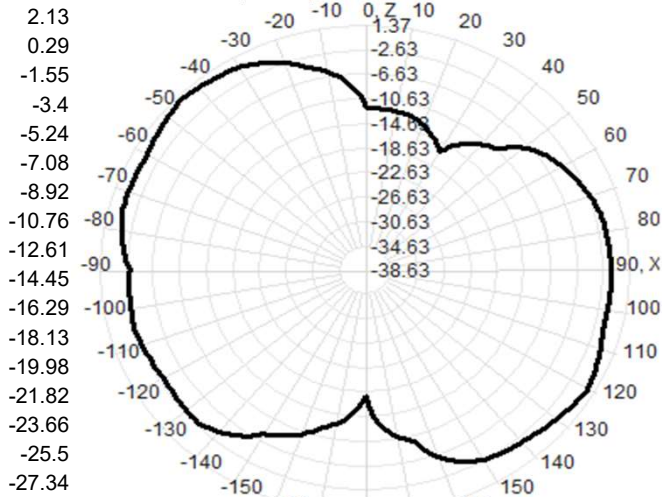


2430.0MHz Total(E2-YZ), Max= 1.45dBi

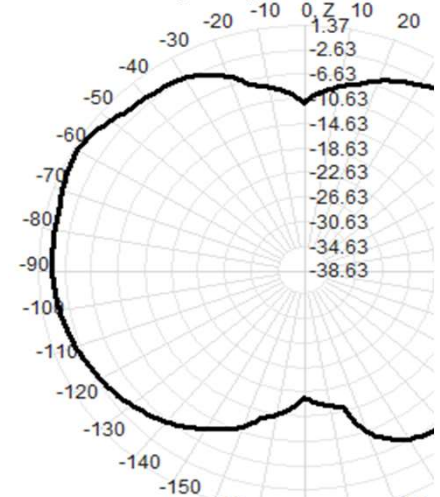


2.13
0.29
-1.55
-3.4
-5.24
-7.08
-8.92
-10.76
-12.61
-14.45
-16.29
-18.13
-19.98
-21.82
-23.66
-25.5
-27.34

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



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



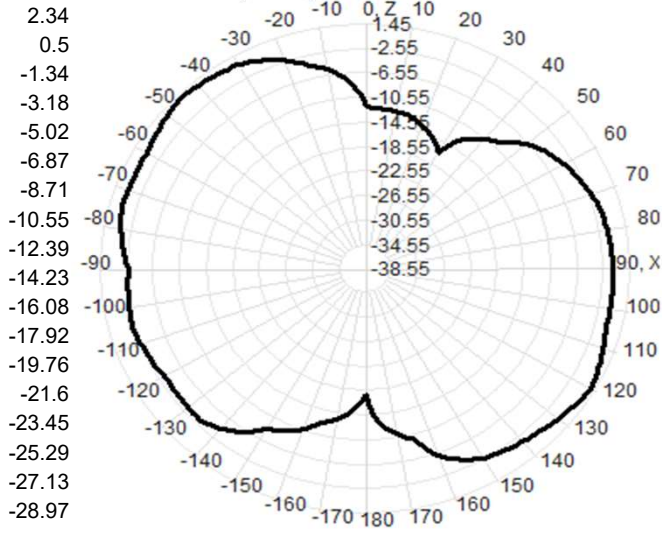


-29.19

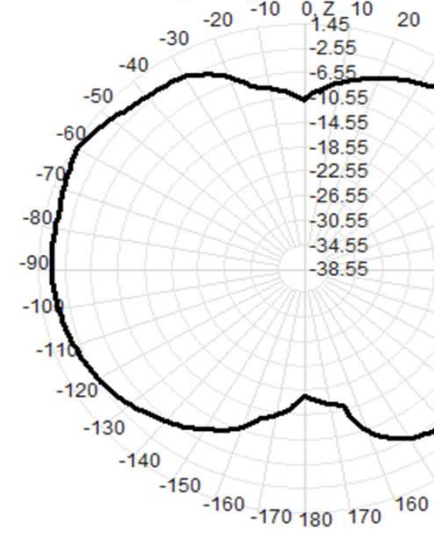
-160 -170 180 170 160

-160 -170 180 170 160

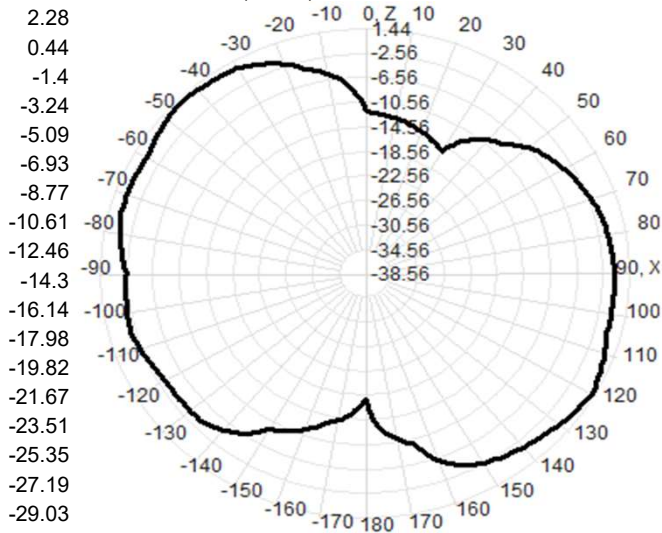
2450.0MHz Total(E1-XZ), Max= 2.34dBi



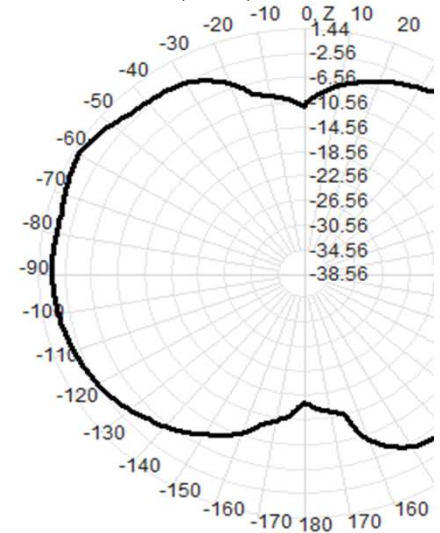
2450.0MHz Total(E2-YZ), Max= 1.08dBi



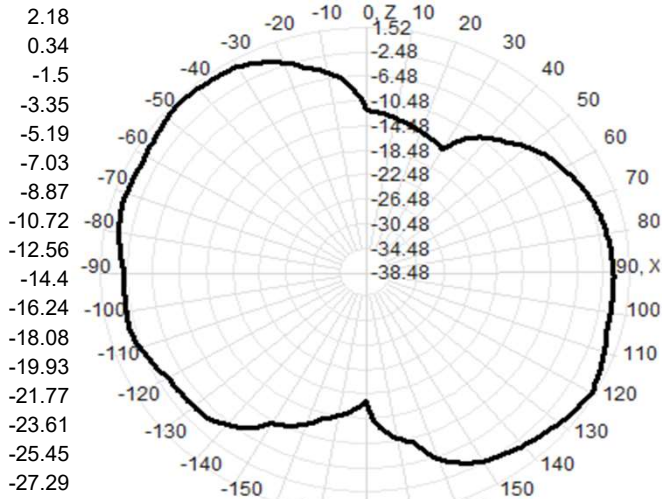
2460.0MHz Total(E1-XZ), Max= 0.85dBi



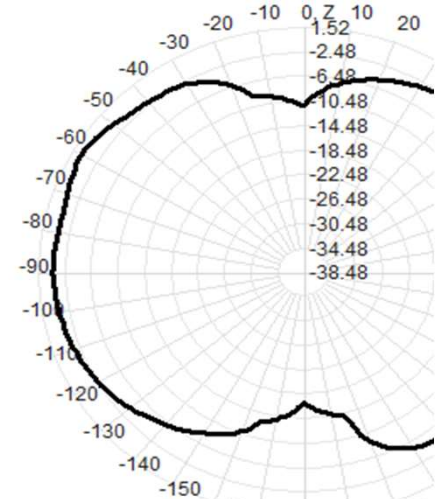
2460.0MHz Total(E2-YZ), Max= 0.91dBi



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



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



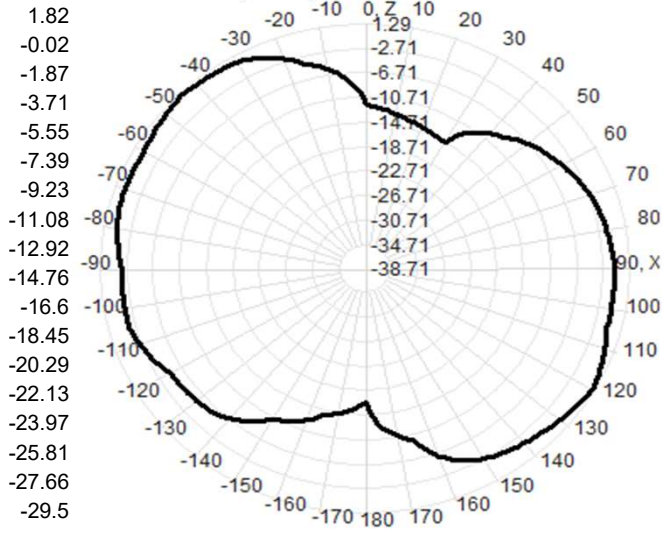


-29.14

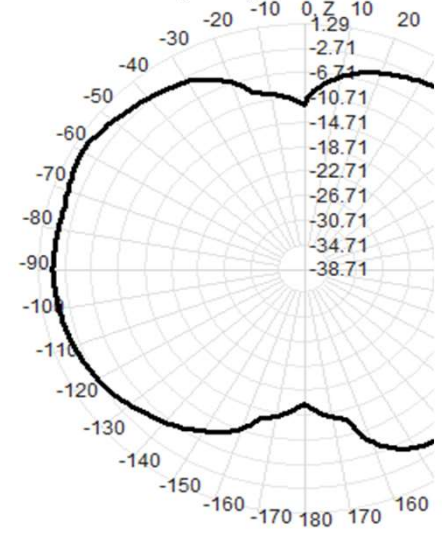
-160 -170 180 170 160

-160 -170 180 170 160

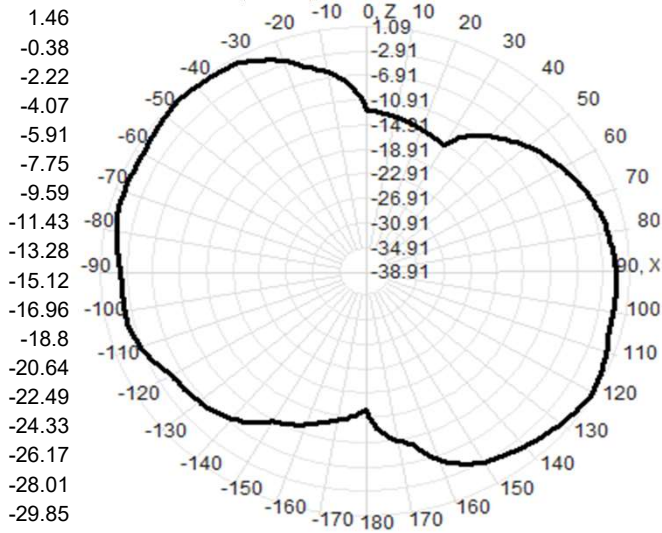
2480.0MHz Total(E1-XZ), Max= 0.84dBi



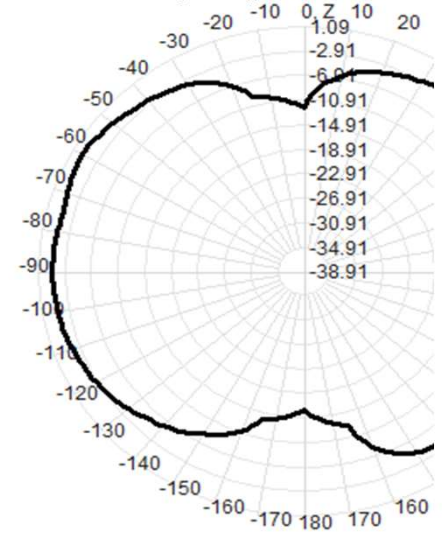
2480.0MHz Total(E2-YZ), Max= 1.03dBi



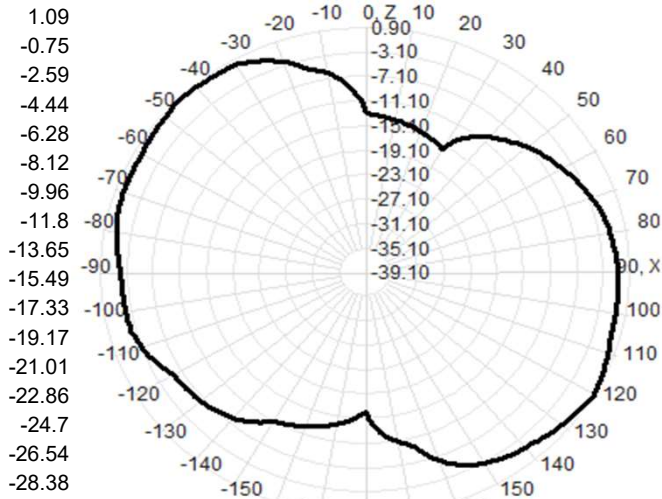
2490.0MHz Total(E1-XZ), Max= 0.69dBi



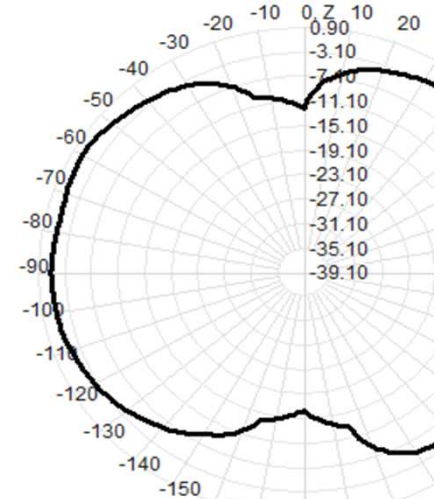
2490.0MHz Total(E2-YZ), Max= 1.09dBi



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



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



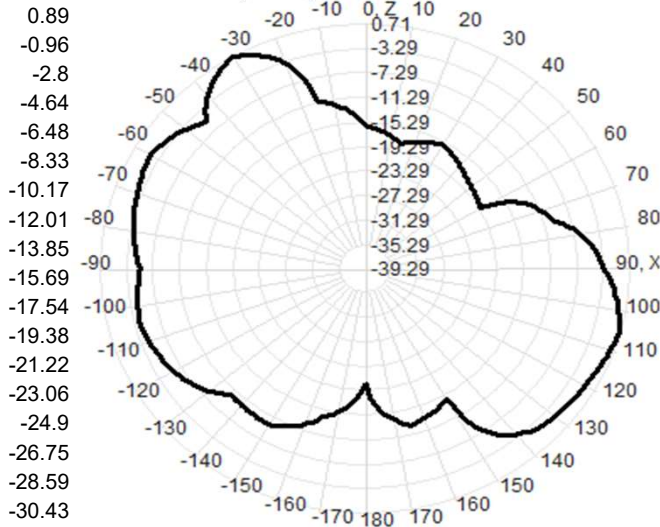


-30.83

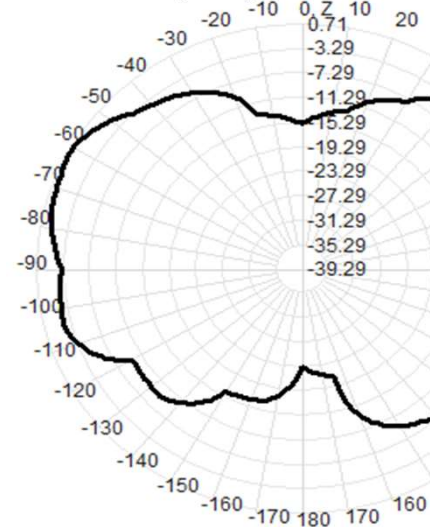
-160 -170 180 170 160

-160 -170 180 170 160

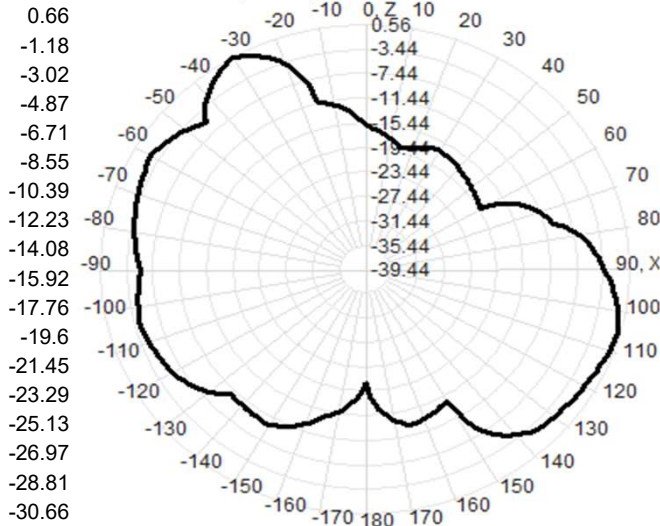
5410.0MHz Total(E1-XZ), Max= 2.13dBi



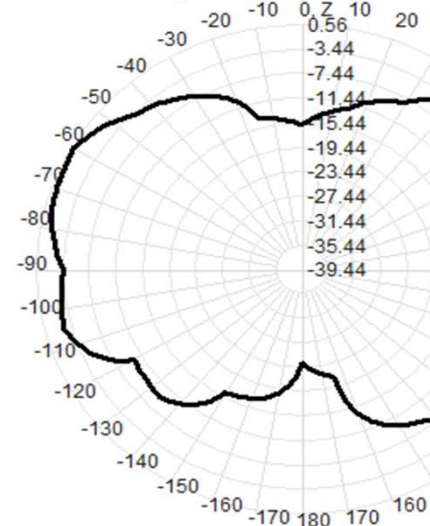
5410.0MHz Total(E2-YZ), Max= 0.47dBi



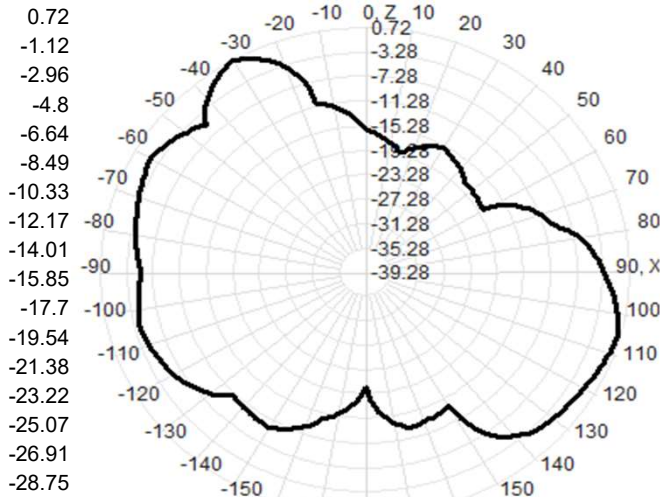
5420.0MHz Total(E1-XZ), Max= 0.56dBi



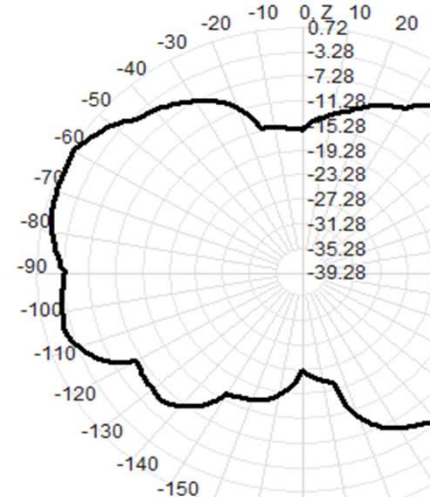
5420.0MHz Total(E2-YZ), Max= 0.12dBi



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



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



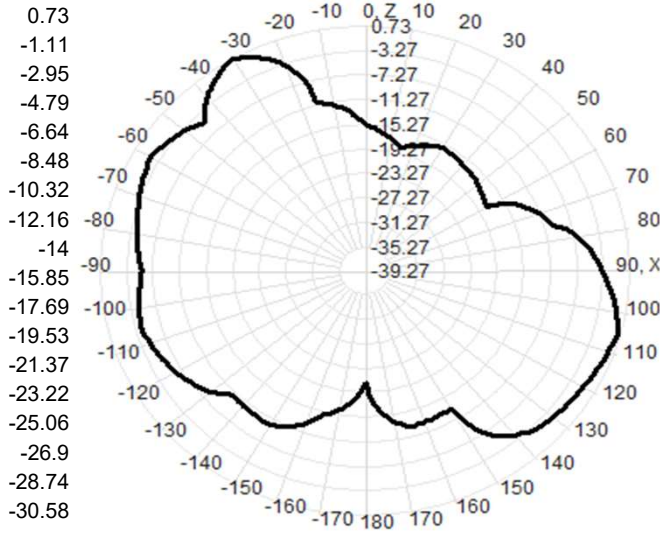


-30.59

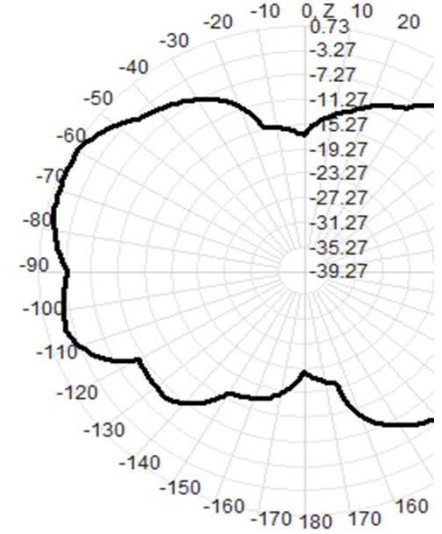
-160 -170 180 170 160

-160 -170 180 170 160

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

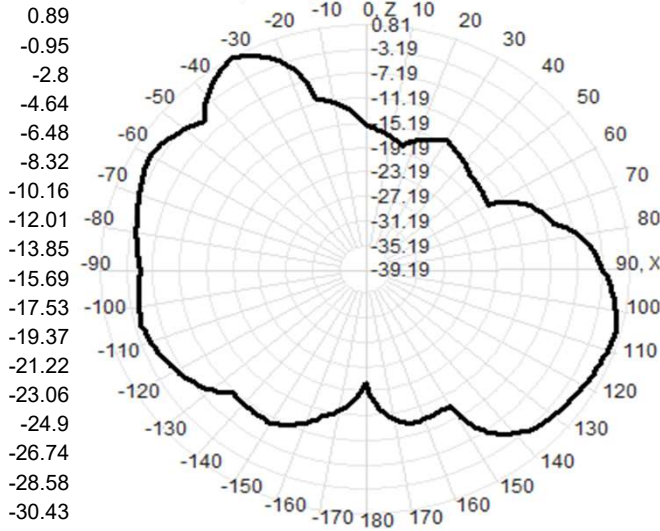


5440.0MHz Total(E2-YZ), Max= 0.05dBi

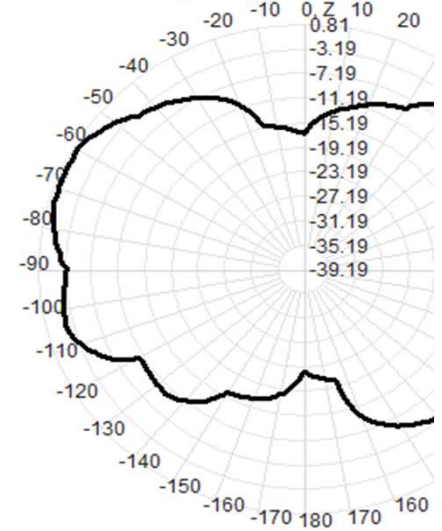


0.89
-0.95
-2.8
-4.64
-6.48
-8.32
-10.16
-12.01
-13.85
-15.69
-17.53
-19.37
-21.22
-23.06
-24.9
-26.74
-28.58
-30.43

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

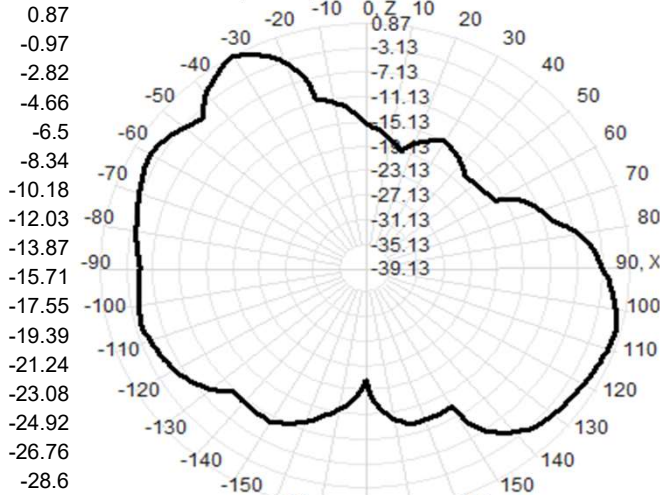


5450.0MHz Total(E2-YZ), Max= 0.15dBi

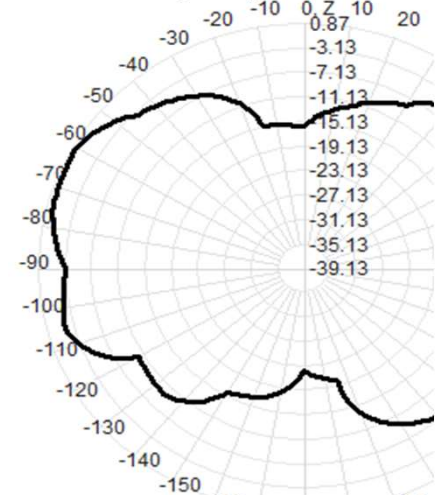


0.87
-0.97
-2.82
-4.66
-6.5
-8.34
-10.18
-12.03
-13.87
-15.71
-17.55
-19.39
-21.24
-23.08
-24.92
-26.76
-28.6

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



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

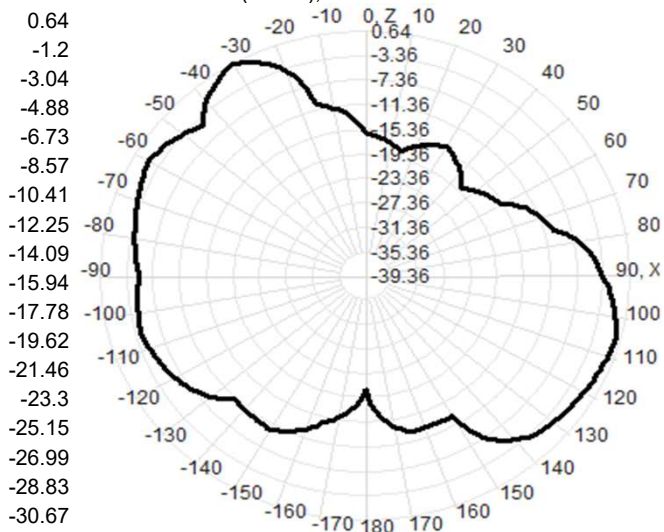




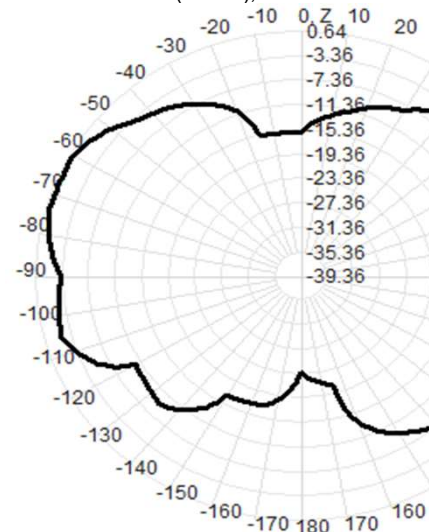
-30.45 -160 -170 180 170 160

-160 -170 180 170 160

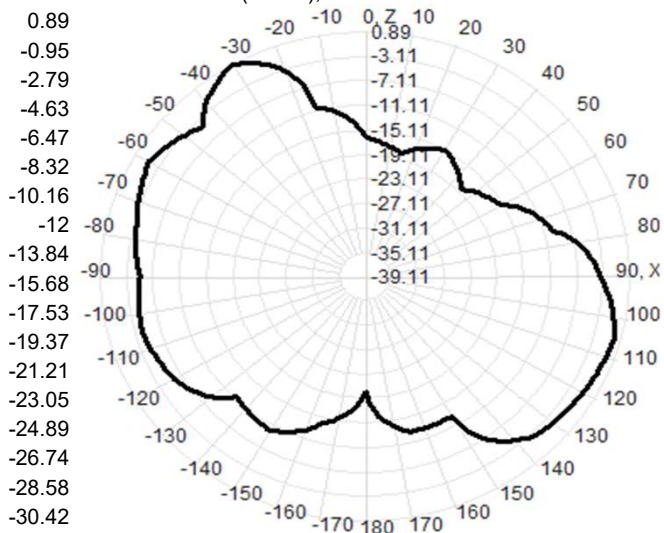
5470.0MHz Total(E1-XZ), Max= 0.63dBi



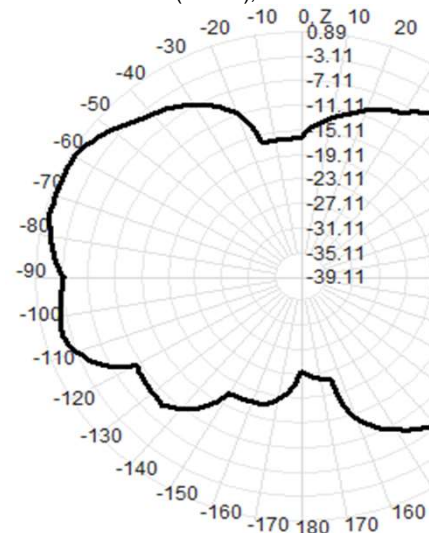
5470.0MHz Total(E2-YZ), Max= 0.11dBi



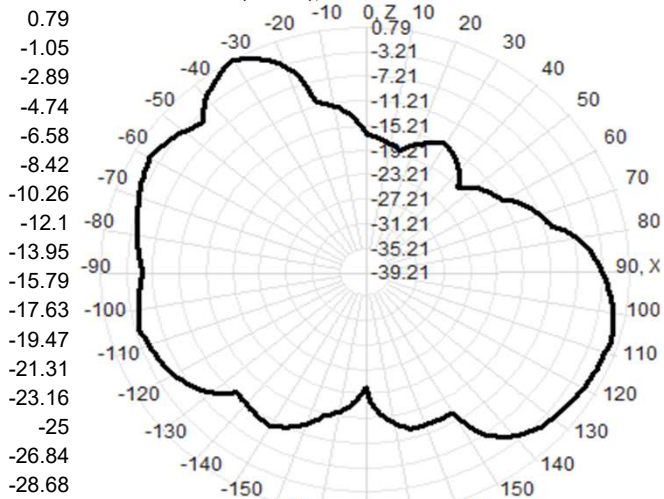
5480.0MHz Total(E1-XZ), Max= 0.89dBi



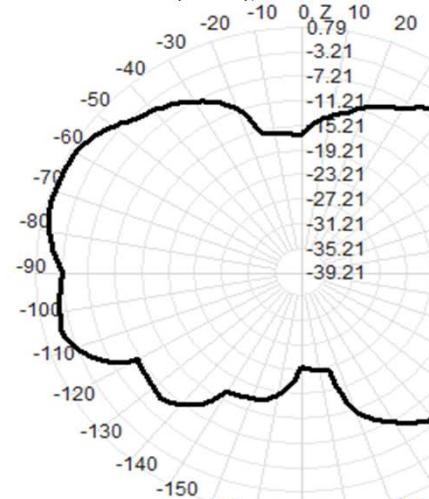
5480.0MHz Total(E2-YZ), Max= 0.23dBi



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



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

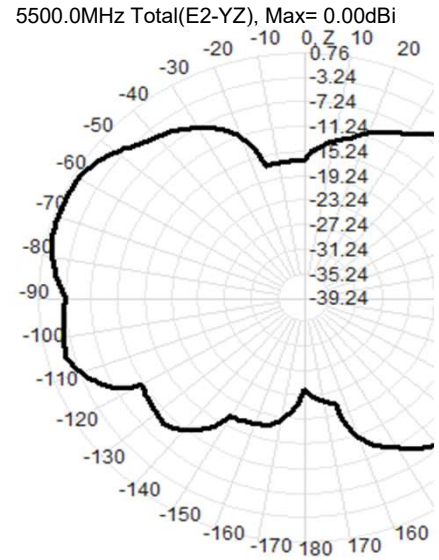
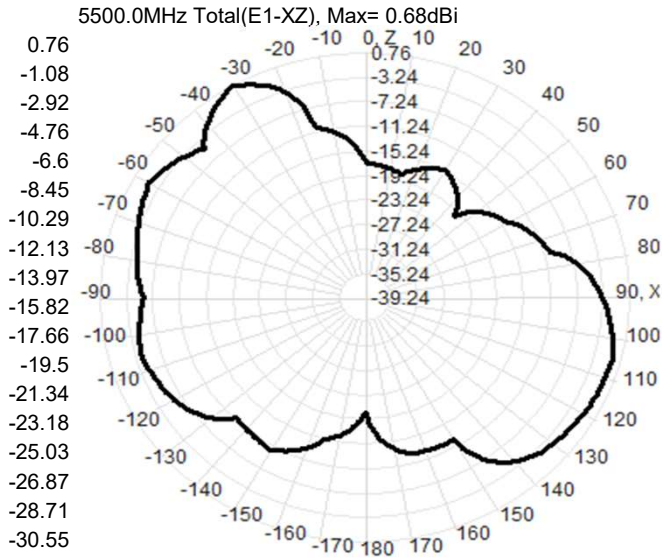




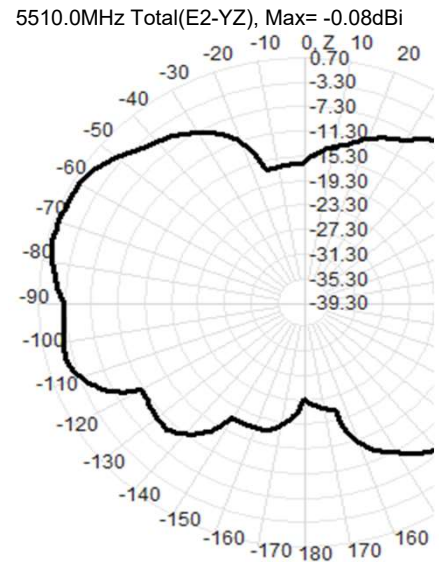
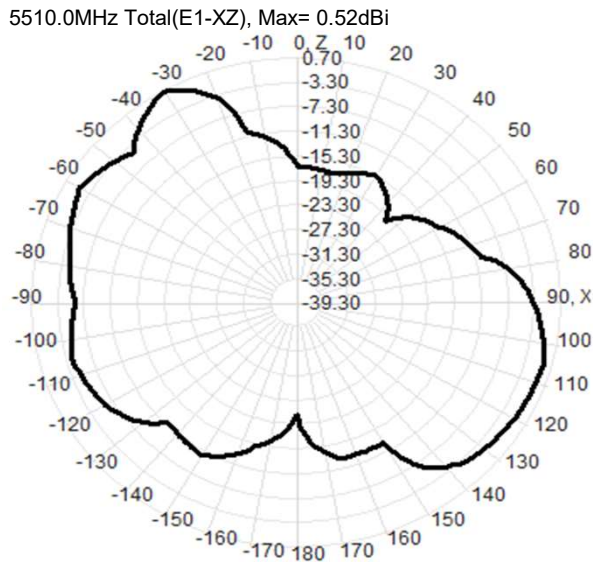
-30.53

-160 -170 180 170 160

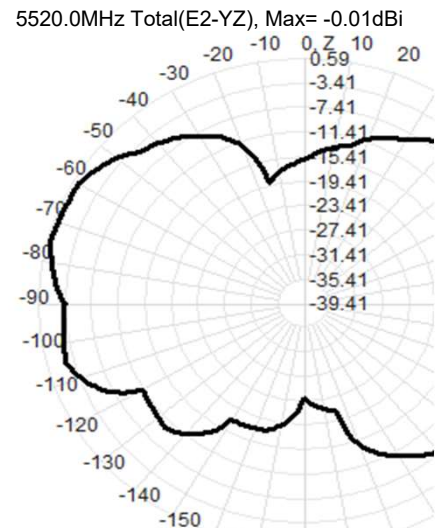
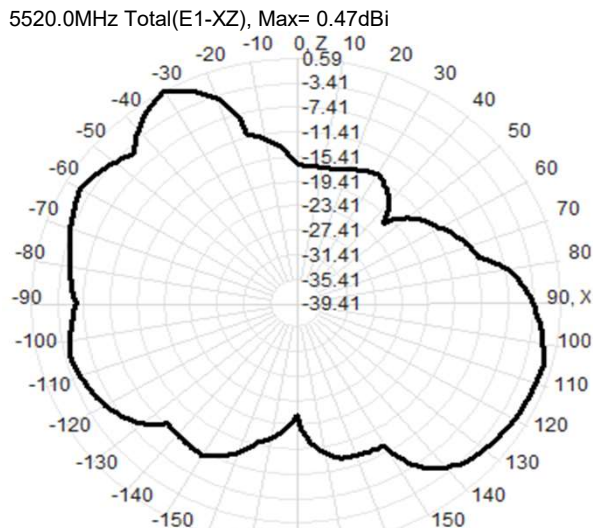
-160 -170 180 170 160



0.7
-1.14
-2.98
-4.82
-6.67
-8.51
-10.35
-12.19
-14.03
-15.88
-17.72
-19.56
-21.4
-23.25
-25.09
-26.93
-28.77
-30.61



0.59
-1.25
-3.09
-4.93
-6.78
-8.62
-10.46
-12.3
-14.14
-15.99
-17.83
-19.67
-21.51
-23.36
-25.2
-27.04
-28.88



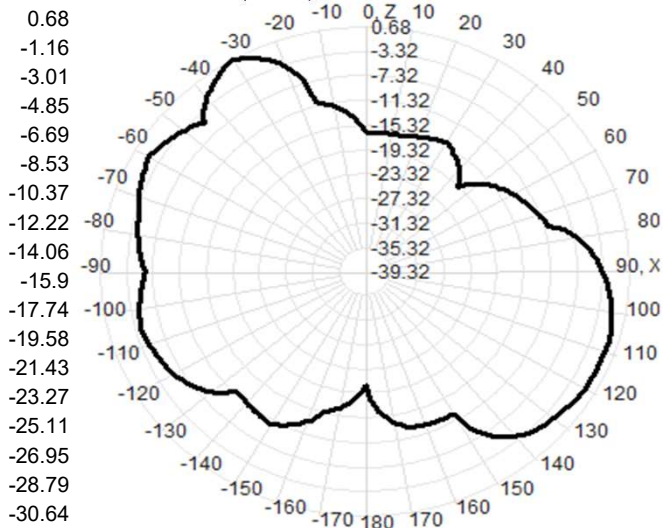


-30.72

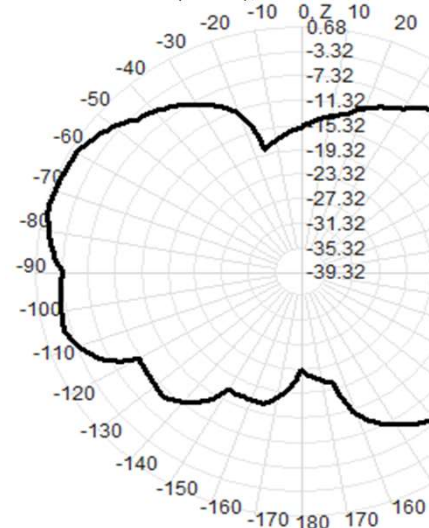
-160 -170 180 170 160

-160 -170 180 170 160

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

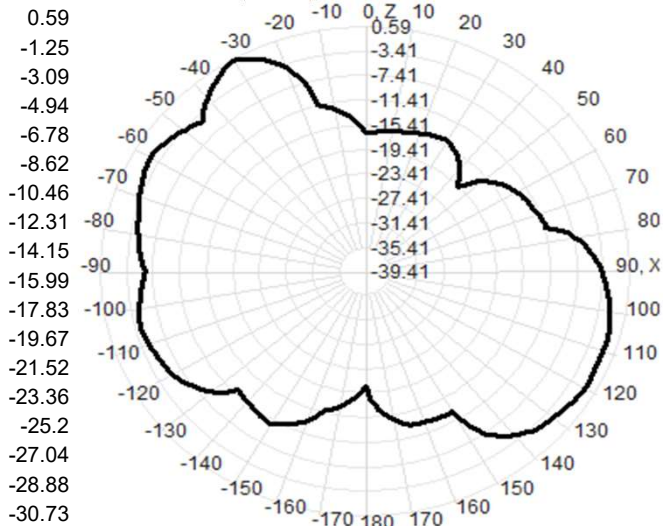


5530.0MHz Total(E2-YZ), Max= 0.06dBi

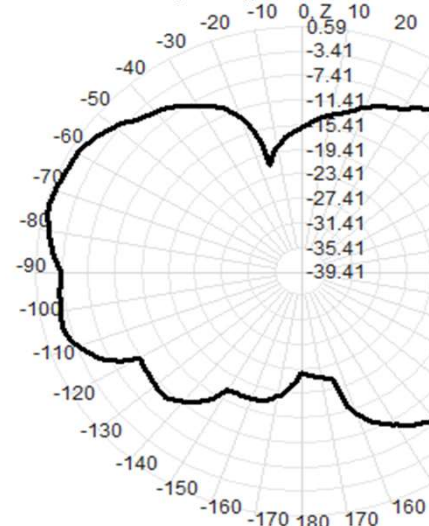


0.59
-1.25
-3.09
-4.94
-6.78
-8.62
-10.46
-12.31
-14.15
-15.99
-17.83
-19.67
-21.52
-23.36
-25.2
-27.04
-28.88
-30.73

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

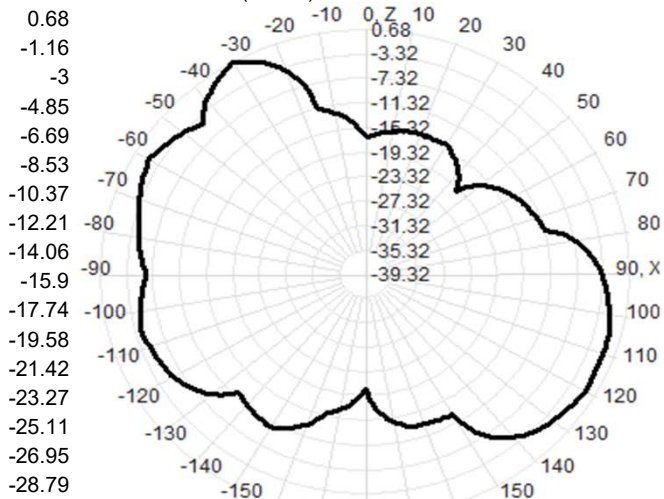


5540.0MHz Total(E2-YZ), Max= -0.03dBi

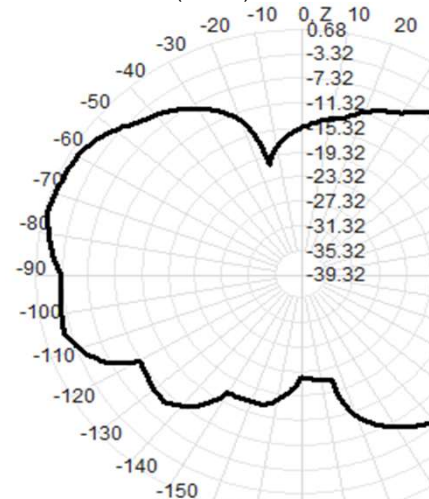


0.68
-1.16
-3
-4.85
-6.69
-8.53
-10.37
-12.21
-14.06
-15.9
-17.74
-19.58
-21.42
-23.27
-25.11
-26.95
-28.79

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



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

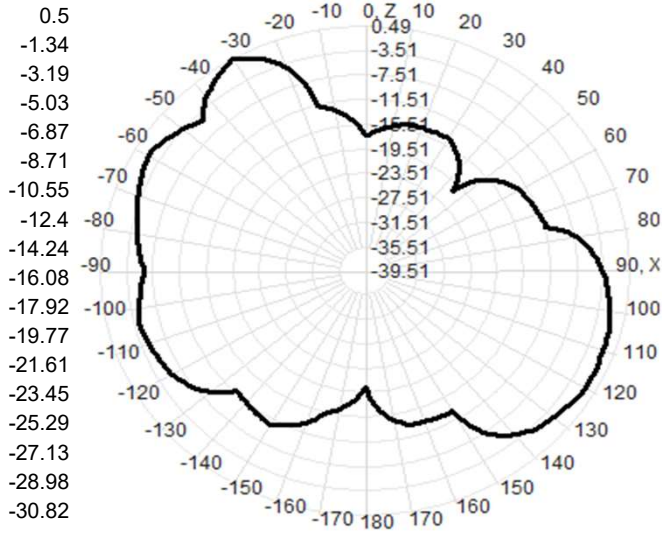




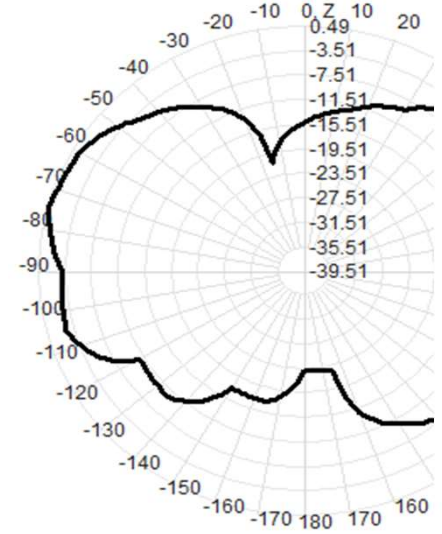
-30.64



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

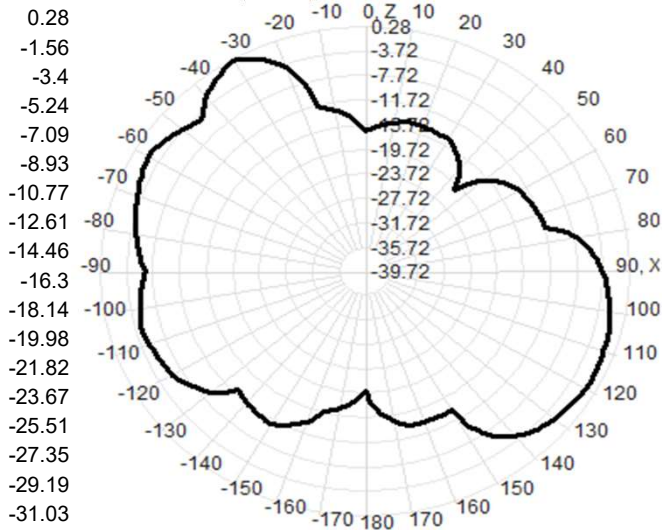


5560.0MHz Total(E2-YZ), Max= 0.15dBi

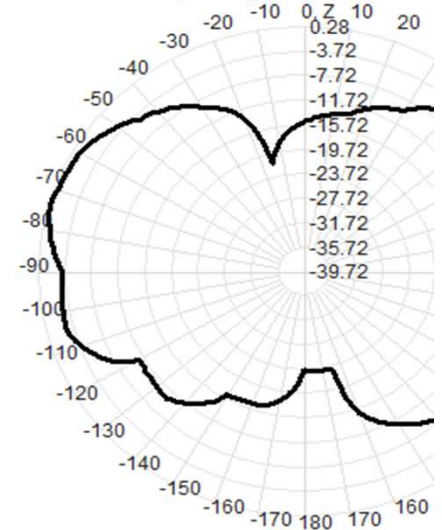


0.28
-1.56
-3.4
-5.24
-7.09
-8.93
-10.77
-12.61
-14.46
-16.3
-18.14
-19.98
-21.82
-23.67
-25.51
-27.35
-29.19
-31.03

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

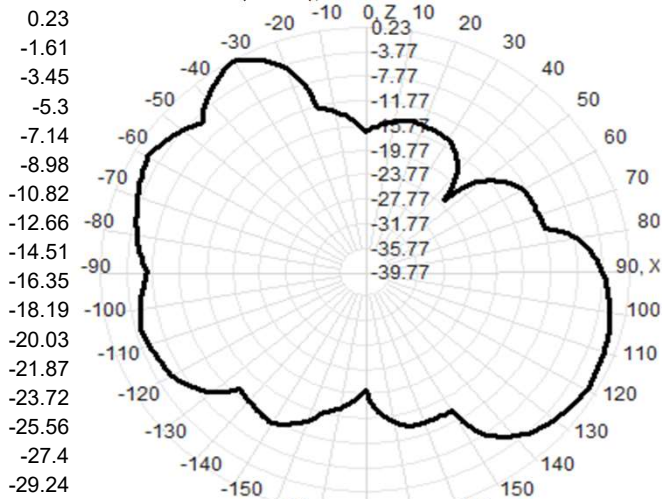


5570.0MHz Total(E2-YZ), Max= -0.08dBi

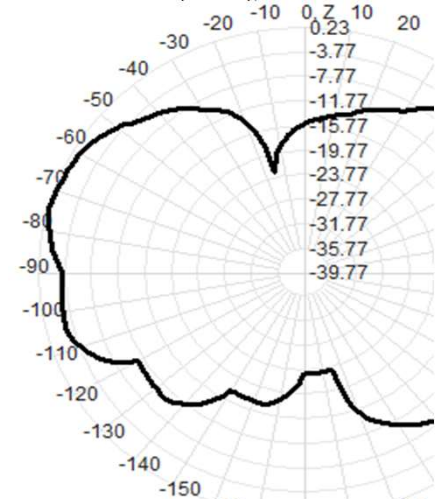


0.23
-1.61
-3.45
-5.3
-7.14
-8.98
-10.82
-12.66
-14.51
-16.35
-18.19
-20.03
-21.87
-23.72
-25.56
-27.4
-29.24

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



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



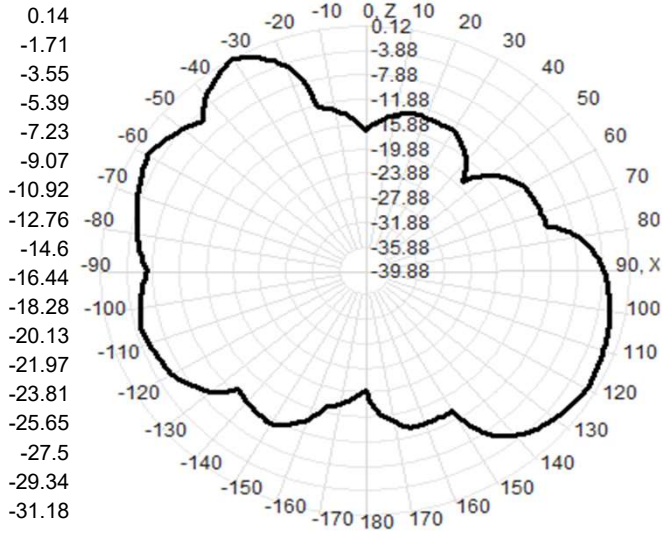


-31.08

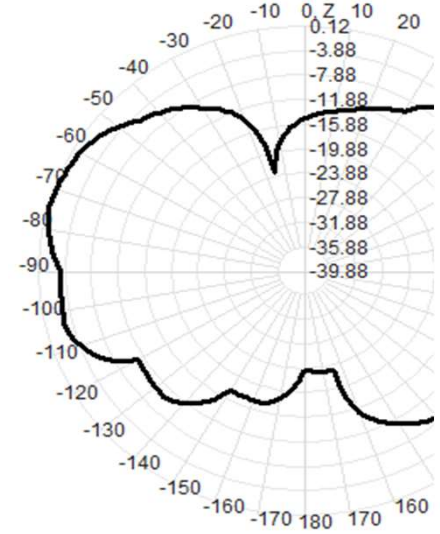
-160 -170 180 170 160

-160 -170 180 170 160

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

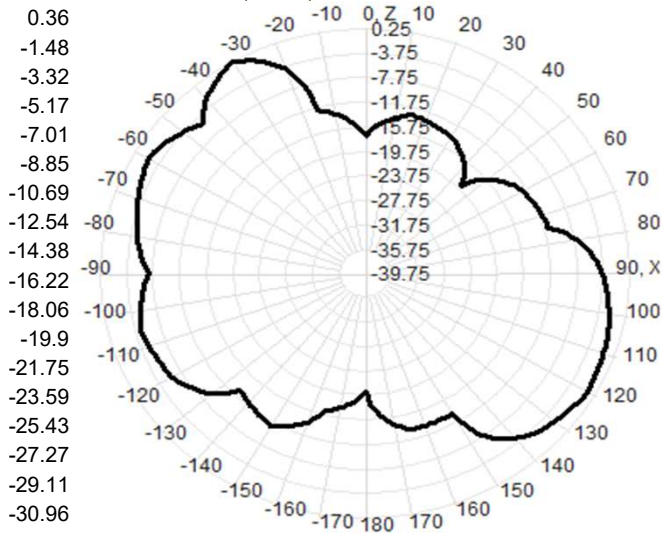


5590.0MHz Total(E2-YZ), Max= -0.03dBi

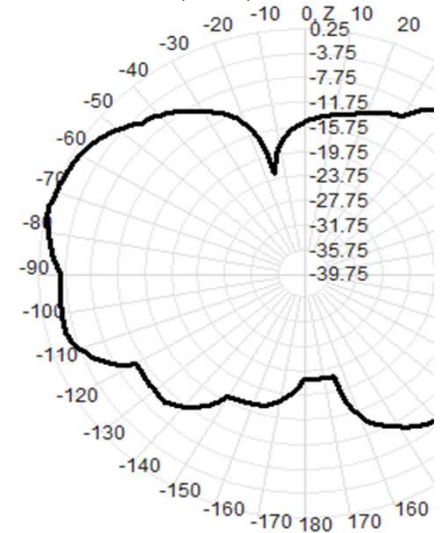


0.36
-1.48
-3.32
-5.17
-7.01
-8.85
-10.69
-12.54
-14.38
-16.22
-18.06
-19.9
-21.75
-23.59
-25.43
-27.27
-29.11
-30.96

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

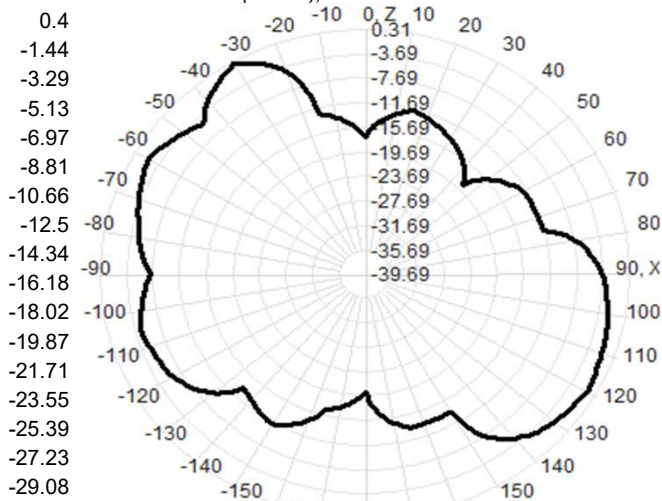


5600.0MHz Total(E2-YZ), Max= 0.15dBi

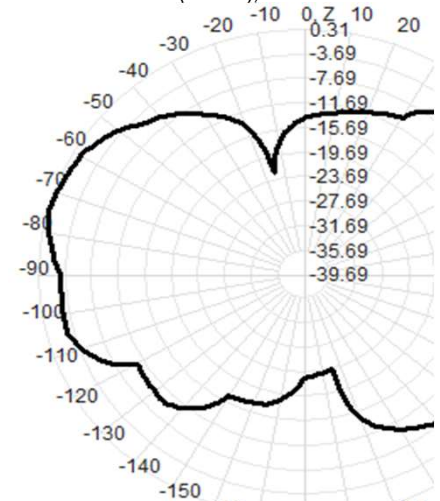


0.4
-1.44
-3.29
-5.13
-6.97
-8.81
-10.66
-12.5
-14.34
-16.18
-18.02
-19.87
-21.71
-23.55
-25.39
-27.23
-29.08

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



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



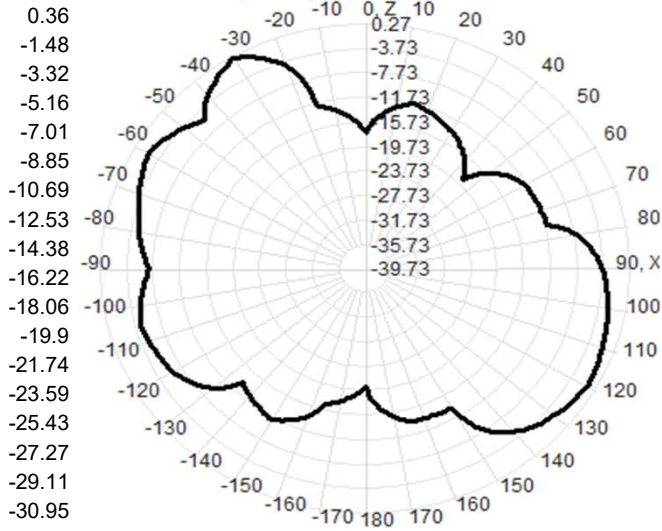


-30.92

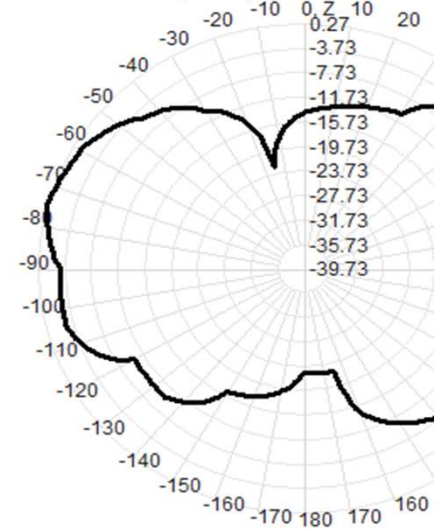
-160 -170 180 170 160

-160 -170 180 170 160

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

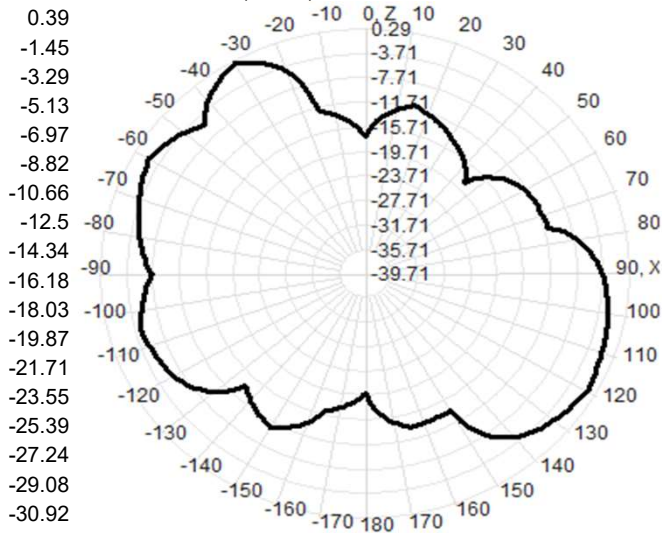


5620.0MHz Total(E2-YZ), Max= 0.24dBi

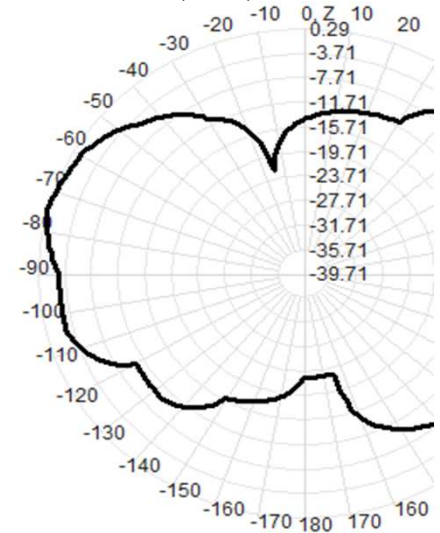


0.39
-1.45
-3.29
-5.13
-6.97
-8.82
-10.66
-12.5
-14.34
-16.18
-18.03
-19.87
-21.71
-23.55
-25.39
-27.24
-29.08
-30.92

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

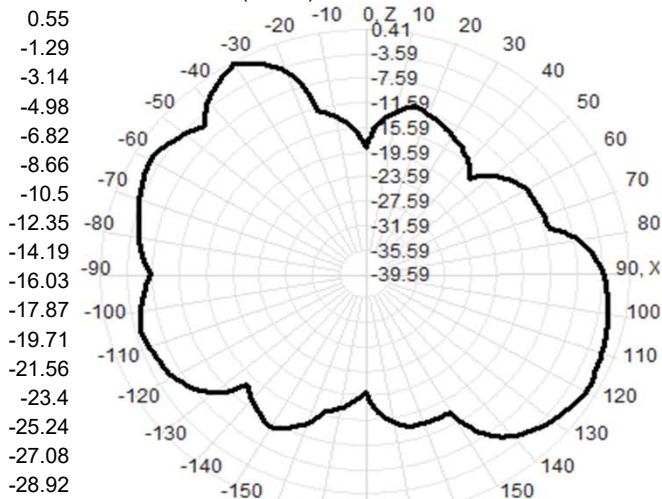


5630.0MHz Total(E2-YZ), Max= 0.26dBi

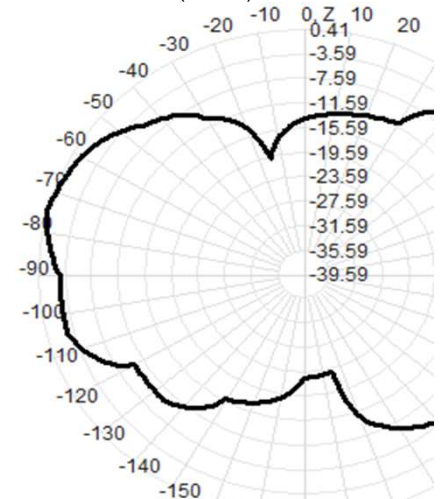


0.55
-1.29
-3.14
-4.98
-6.82
-8.66
-10.5
-12.35
-14.19
-16.03
-17.87
-19.71
-21.56
-23.4
-25.24
-27.08
-28.92

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



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



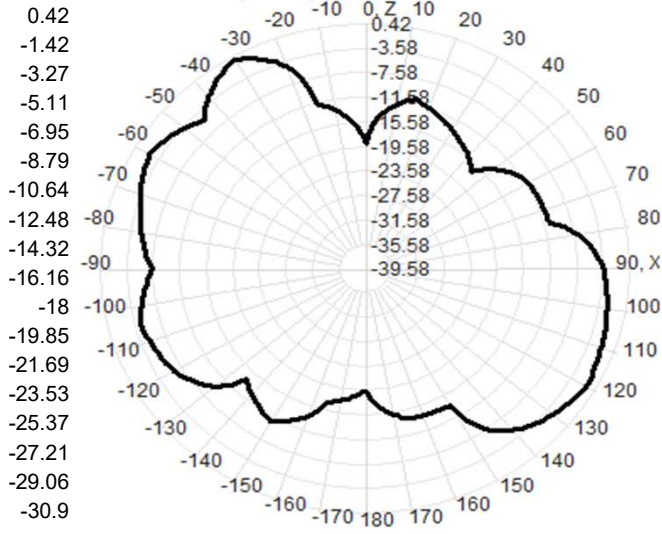


-30.77

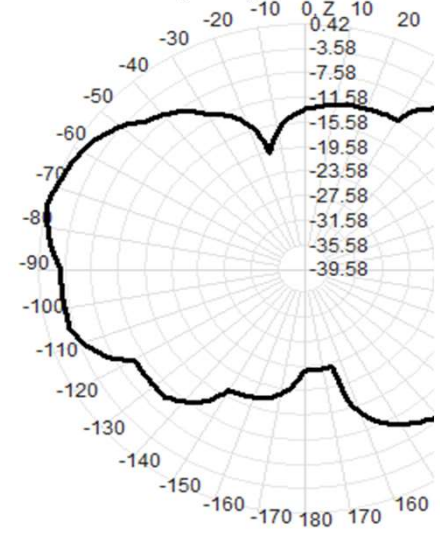
-160 -170 180 170 160

-160 -170 180 170 160

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

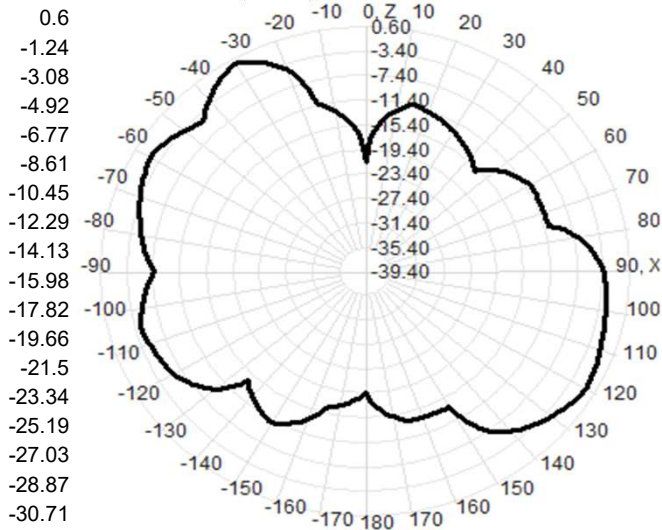


5650.0MHz Total(E2-YZ), Max= 0.42dBi

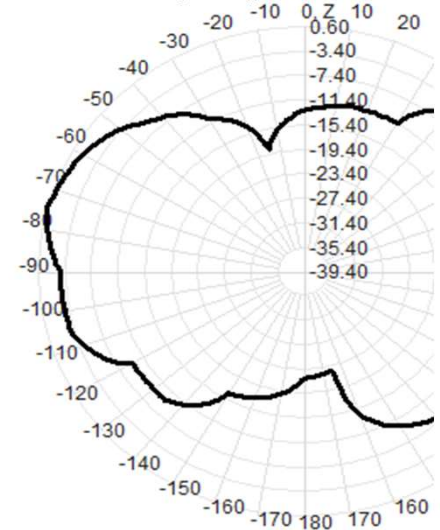


0.6
-1.24
-3.08
-4.92
-6.77
-8.61
-10.45
-12.29
-14.13
-15.98
-17.82
-19.66
-21.5
-23.34
-25.19
-27.03
-28.87
-30.71

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

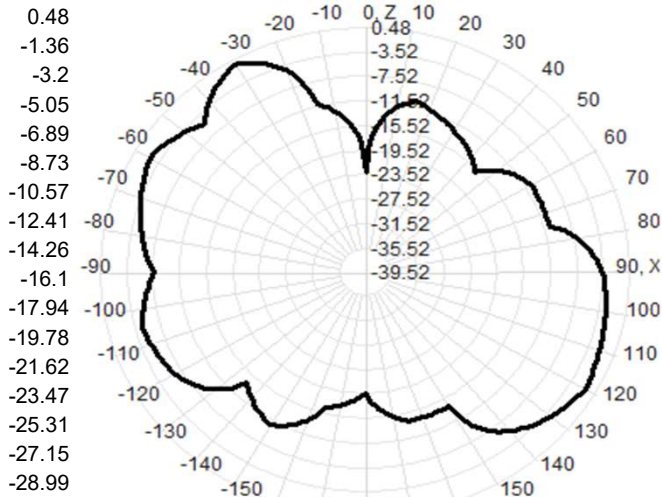


5660.0MHz Total(E2-YZ), Max= 0.60dBi

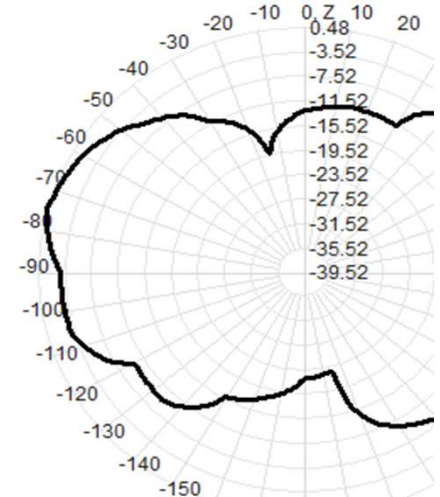


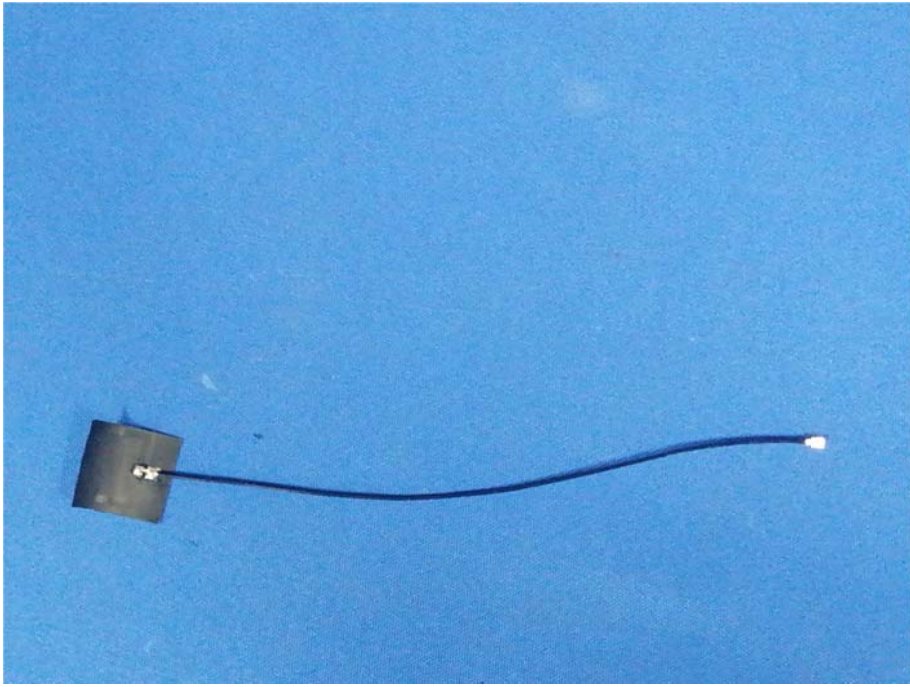
0.48
-1.36
-3.2
-5.05
-6.89
-8.73
-10.57
-12.41
-14.26
-16.1
-17.94
-19.78
-21.62
-23.47
-25.31
-27.15
-28.99

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



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





#