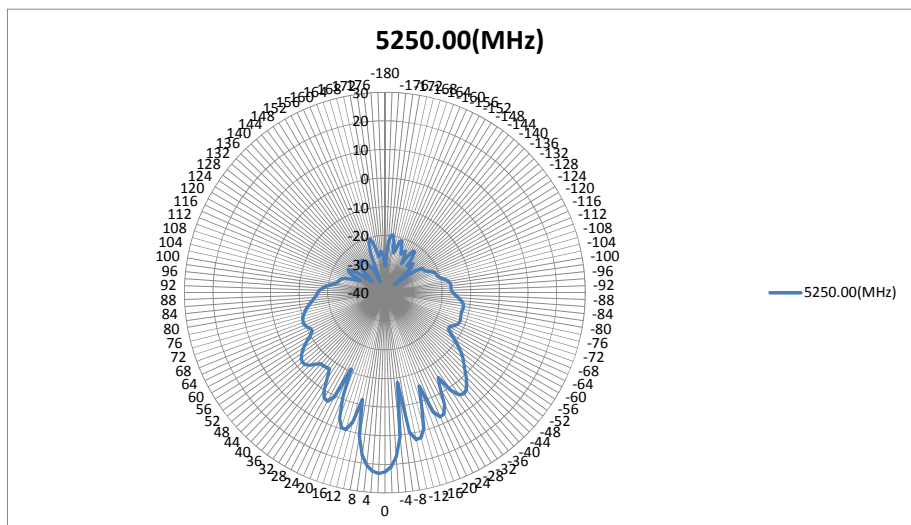
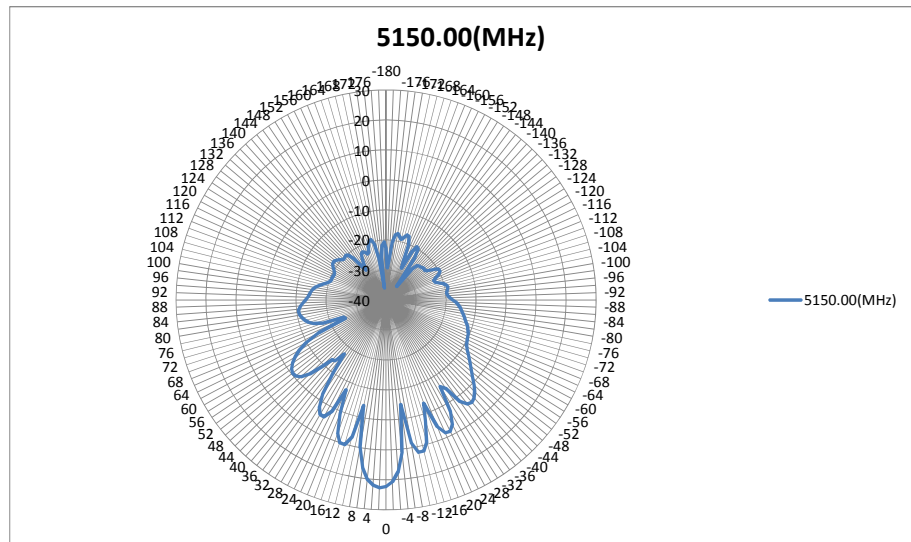


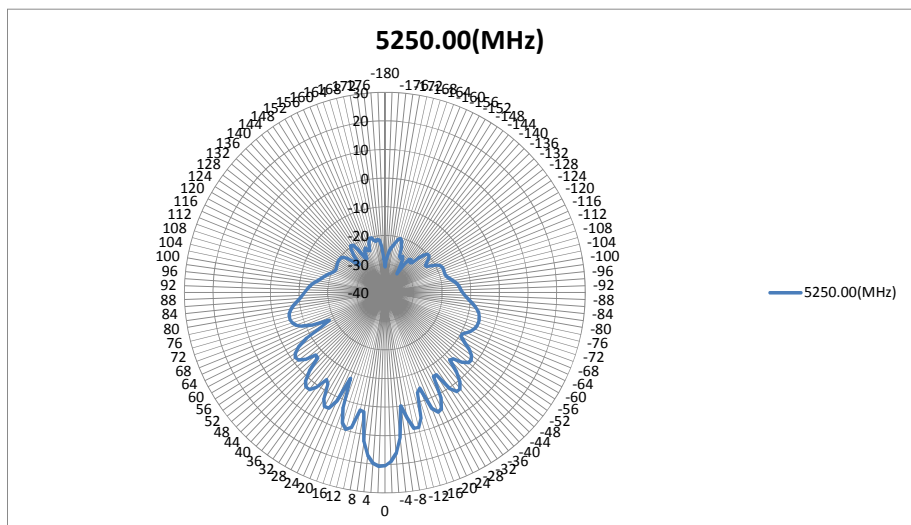
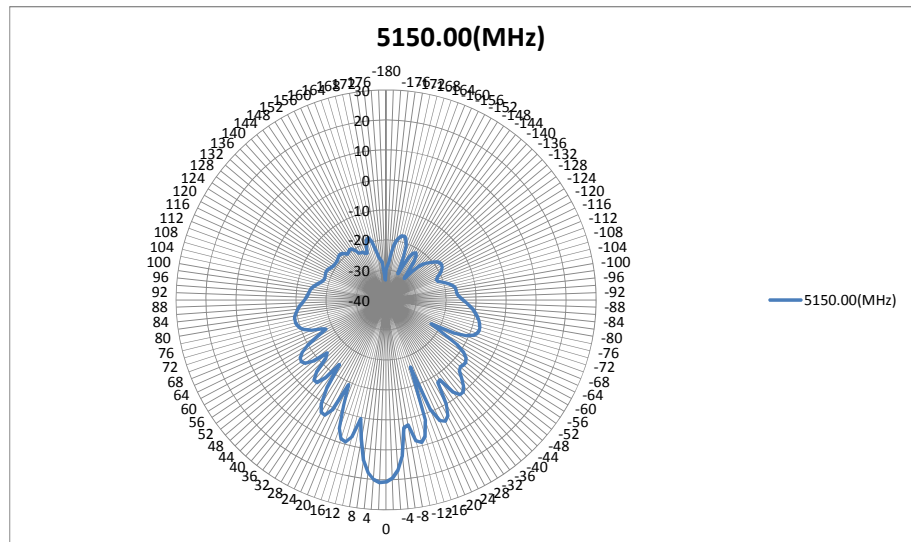
Theta	5150.00(MHz)	5250.00(MHz)
-180	-22.8203	-30.5653
-178	-29.3068	-26.8445
-176	-27.3605	-22.1666
-174	-20.7556	-19.8057
-172	-18.0354	-19.6573
-170	-17.5132	-21.8645
-168	-18.3806	-25.8256
-166	-19.146	-24.3596
-164	-18.2911	-21.3239
-162	-17.2085	-20.8881
-160	-17.4752	-22.8229
-158	-19.9341	-25.3562
-156	-26.1978	-24.6622
-154	-28.2388	-23.956
-152	-21.6928	-25.8065
-150	-19.457	-28.193
-148	-19.9224	-24.9712
-146	-23.0371	-22.3937
-144	-30.8752	-22.3902
-142	-34.2602	-24.7746
-140	-26.6822	-28.0071
-138	-24.5147	-27.2776
-136	-24.1878	-26.0141
-134	-24.15	-27.162
-132	-23.7955	-31.3296
-130	-23.5854	-35.5937
-128	-23.7237	-30.5952
-126	-23.4314	-26.9537
-124	-22.0974	-25.0834
-122	-20.5745	-24.337
-120	-19.7101	-24.2318
-118	-19.737	-23.9548
-116	-20.5769	-23.0011
-114	-21.8865	-21.9237
-112	-22.8765	-21.2828
-110	-22.6571	-21.0446
-108	-21.4569	-20.8259
-106	-20.1697	-20.287
-104	-19.3083	-19.3954
-102	-19.0047	-18.3584
-100	-19.1623	-17.465
-98	-19.5101	-16.9306
-96	-19.6634	-16.7901
-94	-19.3602	-16.8641
-92	-18.6257	-16.7931
-90	-17.6617	-16.282
-88	-16.6856	-15.3219
-86	-15.8195	-14.1712
-84	-15.1146	-13.1452
-82	-14.5388	-12.4572
-80	-14.0086	-12.1814
-78	-13.4475	-12.2423
-76	-12.8	-12.415
-74	-12.1051	-12.438
-72	-11.4435	-12.2311
-70	-10.8981	-11.9853
-68	-10.4923	-12.0131
-66	-10.1905	-12.5428
-64	-9.90769	-13.5798
-62	-9.52786	-14.6066
-60	-8.92079	-14.451
-58	-8.02188	-12.8331
-56	-6.86165	-10.6446
-54	-5.56367	-8.39725
-52	-4.21498	-6.30481
-50	-2.76956	-4.50382
-48	-1.10565	-2.92029
-46	0.752414	-1.2407
-44	2.53304	0.728567
-42	3.87818	2.70171
-40	4.47632	4.17541
-38	3.96787	4.74368
-36	1.68933	4.00444
-34	-4.43115	1.20416
-32	-5.92146	-4.92385
-30	2.95645	-1.42739
-28	7.01284	4.47856
-26	8.69148	7.14032
-24	8.40684	7.45258
-22	5.52438	4.95242
-20	-3.4186	-5.32429



-18	2.51912	1.47163
-16	9.23929	9.15158
-14	11.8462	12.124
-12	11.8237	12.4261
-10	8.3512	9.44469
-8	-4.85556	-8.35126
-6	11.0028	10.3411
-4	17.276	17.324
-2	20.5424	20.8411
0	22.1877	22.6163
2	22.6126	23.1285
4	21.9199	22.4972
6	20.0067	20.6429
8	16.4731	17.2141
10	9.95107	11.0381
12	-4.08701	-1.91398
14	7.03686	6.48307
16	10.1719	9.74467
18	9.98254	9.45778
20	7.295	6.47989
22	1.01827	-0.781241
24	-7.21831	-10.8516
26	1.23628	0.44865
28	4.02E+00	2.89603
30	4.02E+00	2.47E+00
32	1.99E+00	3.53E-02
34	-2.24477	-3.94436
36	-9.91141	-7.02201
38	-17.1805	-6.87411
40	-13.6525	-6.62582
42	-13.1668	-6.4958
44	-9.12823	-5.20249
46	-4.60278	-3.49105
48	-1.88315	-2.44237
50	-0.629514	-2.28627
52	-0.468813	-2.91222
54	-1.13348	-4.1374
56	-2.42409	-5.80151
58	-4.23258	-7.7738
60	-6.61657	-9.81335
62	-9.90099	-11.2038
64	-14.9452	-11.2315
66	-25.1685	-10.4668
68	-24.6901	-9.8162
70	-17.5302	-9.60606
72	-14.6477	-9.81324
74	-13.1271	-10.3107
76	-12.127	-10.9836
78	-11.3499	-11.7758
80	-10.7967	-12.6762
82	-10.5905	-13.6543
84	-10.8039	-14.6022
86	-11.4092	-15.3951
88	-12.2515	-15.9974
90	-13.1184	-16.5055
92	-13.8228	-17.1068
94	-14.3127	-17.9745
96	-14.6934	-19.1761
98	-15.1641	-20.6198
100	-15.8948	-21.9958
102	-16.9537	-22.9189
104	-18.2217	-23.3415
106	-19.42	-23.6334
108	-20.2181	-24.2
110	-20.5114	-25.3302
112	-20.5398	-27.2666
114	-20.5993	-29.8329
116	-20.6979	-30.2779
118	-20.515	-27.5419
120	-19.8649	-25.3897
122	-19.0542	-24.863
124	-18.4794	-26.0202
126	-18.3129	-28.7534
128	-18.5766	-32.0779
130	-19.2165	-33.8729
132	-19.9898	-33.9584
134	-20.3765	-31.3351
136	-20.1639	-28.03
138	-19.9823	-26.2018
140	-20.5976	-25.8479
142	-22.4854	-26.1472
144	-25.7144	-26.1611

146	-27.997	-26.2725
148	-26.1543	-27.4916
150	-23.8739	-29.5688
152	-22.5489	-30.2109
154	-22.1256	-30.6295
156	-22.5764	-35.7856
158	-23.466	-34.6623
160	-23.1029	-25.4462
162	-21.1171	-21.6545
164	-19.4924	-20.5674
166	-19.2475	-21.5804
168	-20.8837	-24.4311
170	-25.6284	-27.2875
172	-35.9236	-26.665
174	-25.7955	-25.5523
176	-21.5662	-25.8915
178	-20.7572	-27.9189
Max Gain	22.613	23.129
30Dragee Max Gai	4.476	4.744

Theta	5150.00(MHz)	5250.00(MHz)
-180	-29.9649	-30.9869
-178	-28.573	-28.7092
-176	-27.5286	-26.8302
-174	-24.5934	-25.3685
-172	-21.6794	-24.1165
-170	-19.7866	-23.1252
-168	-18.6553	-22.0016
-166	-17.9764	-20.8123
-164	-17.8061	-20.2906
-162	-18.4939	-21.0418
-160	-20.5279	-23.3203
-158	-24.5966	-26.3318
-156	-30.3519	-26.8401
-154	-27.6234	-25.9412
-152	-23.7438	-26.7107
-150	-21.8963	-29.9155
-148	-21.3957	-32.1064
-146	-22.0906	-28.1401
-144	-24.2103	-25.5777
-142	-28.0593	-25.271
-140	-30.5772	-26.3296
-138	-27.2832	-25.8912
-136	-24.4335	-23.1231
-134	-22.7884	-20.8743
-132	-21.6231	-19.8626
-130	-20.4934	-19.9063
-128	-19.4034	-20.7195
-126	-18.5599	-21.9692
-124	-18.1089	-22.9971
-122	-18.0758	-22.688
-120	-18.4157	-21.1025
-118	-19.0828	-19.484
-116	-20.0531	-18.4507
-114	-21.1908	-18.0261
-112	-21.978	-18.005
-110	-21.7369	-18.1136
-108	-20.6181	-18.1326
-106	-19.2784	-17.9547
-104	-18.08	-17.5201
-102	-17.1739	-16.7996
-100	-16.641	-15.9041
-98	-16.445	-15.0413
-96	-16.3623	-14.3728
-94	-16.0529	-13.8913
-92	-15.346	-13.4651
-90	-14.3348	-12.912
-88	-13.1922	-12.117
-86	-12.0483	-11.0553
-84	-10.9852	-9.81234
-82	-10.0459	-8.55737
-80	-9.23214	-7.46137
-78	-8.52052	-6.62782
-76	-7.91549	-6.07803
-74	-7.47601	-5.79474
-72	-7.3247	-5.75045
-70	-7.63084	-5.92294
-68	-8.63377	-6.32411
-66	-10.7172	-7.02857
-64	-14.7501	-8.14343
-62	-23.0294	-9.42693
-60	-18.5822	-9.35776
-58	-12.2099	-7.05347
-56	-8.89339	-4.41865
-54	-7.07527	-2.57154
-52	-6.28805	-1.72795
-50	-6.32219	-1.99313
-48	-6.67931	-3.61491
-46	-5.9859	-6.77923
-44	-3.70492	-7.40471
-42	-1.35619	-2.71245
-40	0.0232037	0.842048
-38	-0.0058022	2.6084
-36	-2.06557	2.63793
-34	-7.94067	0.463323
-32	-7.42271	-6.10492
-30	0.156677	-6.25593
-28	3.72869	1.80283
-26	4.93671	5.05376
-24	3.93103	5.66588
-22	-0.719877	3.55528
-20	-16.1986	-4.50984



-18	2.25738	-3.22408
-16	7.26153	5.50763
-14	8.93609	8.50558
-12	7.89733	8.46885
-10	2.32136	4.50629
-8	2.91326	-0.0698632
-6	12.134	10.8075
-4	16.8042	16.1642
-2	19.4261	19.0887
0	20.7082	20.4972
2	20.8756	20.6814
4	19.9703	19.6609
6	17.8408	17.2136
8	14.0288	12.5917
10	7.12844	2.29939
12	0.464164	1.95021
14	7.06448	8.53084
16	9.21247	9.64242
18	8.61358	7.86998
20	5.52885	2.61302
22	-1.92836	-7.72777
24	-9.14622	1.42639
26	0.832778	4.85177
28	3.39E+00	5.00204
30	3.18E+00	2.66E+00
32	7.63E-01	-2.29E+00
34	-4.61972	-3.4263
36	-13.4563	0.860118
38	-7.19311	2.89158
40	-4.09842	2.95749
42	-4.14082	1.35711
44	-6.66648	-2.06272
46	-12.1187	-7.24122
48	-13.5368	-7.40636
50	-8.39937	-3.6921
52	-5.80999	-1.76873
54	-5.02351	-1.39697
56	-5.49994	-2.29646
58	-7.06513	-4.48912
60	-9.76643	-8.37337
62	-13.7584	-15.186
64	-17.6656	-18.2768
66	-16.1675	-11.9932
68	-13.1022	-8.7077
70	-11.0787	-6.93923
72	-9.87776	-5.97624
74	-9.20339	-5.53814
76	-8.89733	-5.52556
78	-8.88981	-5.9023
80	-9.14967	-6.64108
82	-9.65225	-7.67381
84	-10.3416	-8.87156
86	-11.1401	-10.0578
88	-11.9643	-11.0749
90	-12.7446	-11.8738
92	-13.3957	-12.5458
94	-13.8556	-13.2482
96	-14.1809	-14.0791
98	-14.5568	-15.0496
100	-15.1538	-16.0524
102	-15.9872	-16.9578
104	-16.9168	-17.7125
106	-17.7128	-18.3849
108	-18.1988	-19.0995
110	-18.2959	-19.8809
112	-18.1004	-20.5852
114	-17.878	-20.9999
116	-17.8789	-21.044
118	-18.1739	-20.8481
120	-18.6297	-20.6141
122	-19.0089	-20.4567
124	-19.1763	-20.3703
126	-19.1854	-20.3149
128	-19.1171	-20.3677
130	-18.9194	-20.7762
132	-18.5885	-21.8787
134	-18.3725	-23.992
136	-18.5886	-26.7353
138	-19.2987	-26.5047
140	-19.9455	-23.2446
142	-19.777	-20.7344
144	-19.2713	-19.6185

146	-19.4343	-19.9828
148	-20.5642	-22.0894
150	-21.914	-25.8782
152	-22.234	-26.5261
154	-22.2352	-23.7424
156	-23.012	-22.9461
158	-23.1279	-24.1529
160	-20.9348	-24.4112
162	-18.9117	-21.9099
164	-18.4401	-20.1863
166	-19.7065	-20.1996
168	-22.5554	-21.2935
170	-25.4704	-21.7294
172	-26.2283	-21.1939
174	-27.344	-21.4968
176	-31.0261	-23.7071
178	-33.2586	-28.1265
Max Gain	20.876	20.681
30Dragee Max Gai	0.157	2.957