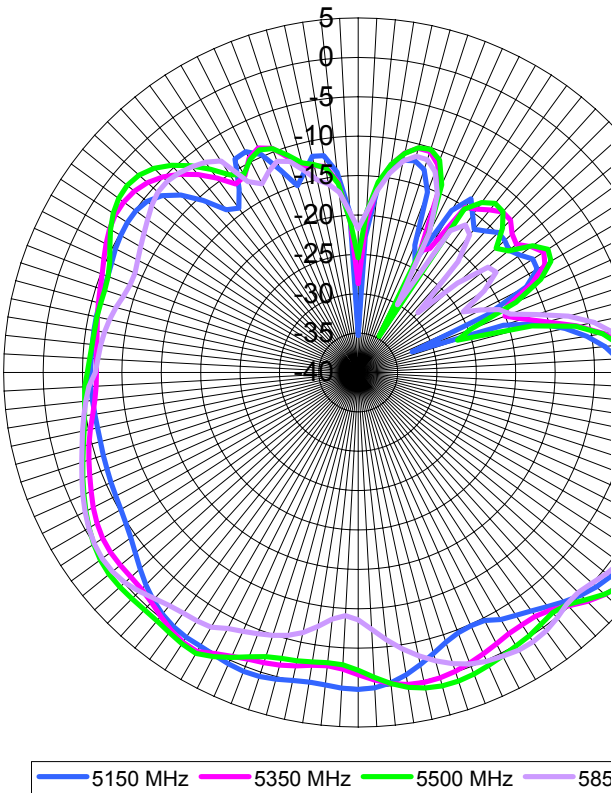


5150 MHz

Theta	Theta, degs	Etheta, dB
-3.141593	-180	-35.28284
-3.089233	-177	-22.76733
-3.036873	-174	-16.59749
-2.984513	-171	-13.7606
-2.932153	-168	-12.46178
-2.879793	-165	-12.17001
-2.827433	-162	-12.92515
-2.775074	-159	-15.49886
-2.722714	-156	-22.31627
-2.670354	-153	-24.10403
-2.617994	-150	-16.28249
-2.565634	-147	-13.71758
-2.513274	-144	-15.30463
-2.460914	-141	-16.61514
-2.408554	-138	-15.84065
-2.356194	-135	-14.87392
-2.303835	-132	-14.96847
-2.251475	-129	-15.37697
-2.199115	-126	-14.64663
-2.146755	-123	-13.57852
-2.094395	-120	-13.7546
-2.042035	-117	-16.06183
-1.989675	-114	-22.15644
-1.937315	-111	-32.67791
-1.884956	-108	-20.61088
-1.832596	-105	-16.09833
-1.780236	-102	-13.14185
-1.727876	-99	-10.60847
-1.675516	-96	-8.50782
-1.623156	-93	-6.983784
-1.570796	-90	-5.996676
-1.518436	-87	-4.544801
-1.466077	-84	-3.515289
-1.413717	-81	-2.327473
-1.361357	-78	-1.218816
-1.308997	-75	-0.331982
-1.256637	-72	0.317511
-1.204277	-69	0.791432
-1.151917	-66	1.149351
-1.099557	-63	1.416039
-1.047198	-60	1.577015
-0.994838	-57	1.605597
-0.942478	-54	1.478997
-0.890118	-51	1.175696
-0.837758	-48	0.678109
-0.785398	-45	-0.019573

Ajax Top 5 GHz Antenna, Vertical Plane
Peak Gain is 4.1 dBi



-0.733038	-42	-0.87708
-0.680678	-39	-1.780475
-0.628319	-36	-2.592708
-0.575959	-33	-3.249201
-0.523599	-30	-3.793418
-0.471239	-27	-4.657451
-0.418879	-24	-4.810475
-0.366519	-21	-4.597991
-0.314159	-18	-3.987703
-0.261799	-15	-3.088178
-0.20944	-12	-2.080589
-0.15708	-9	-1.137996
-0.10472	-6	-0.390926
-0.05236	-3	0.076912
0	0	0.232036
0.05236	3	0.116747
0.10472	6	-0.113724
0.15708	9	-0.215901
0.20944	12	-0.038192
0.261799	15	0.305851
0.314159	18	0.579342
0.366519	21	0.626175
0.418879	24	0.465496
0.471239	27	0.240399
0.523599	30	0.085392
0.575959	33	0.055856
0.628319	36	-0.122091
0.680678	39	-0.519205
0.733038	42	-1.131473
0.785398	45	-1.906064
0.837758	48	-2.760567
0.890118	51	-3.59664
0.942478	54	-4.313022
0.994838	57	-4.848676
1.047198	60	-5.214995
1.099557	63	-5.472609
1.151917	66	-5.670223
1.204277	69	-5.839248
1.256637	72	-5.99044
1.308997	75	-6.120775
1.361357	78	-6.194109
1.413717	81	-6.175764
1.466077	84	-6.082229
1.518436	87	-5.986244
1.570796	90	-6.004241
1.623156	93	-6.059298
1.675516	96	-6.058747
1.727876	99	-6.017314
1.780236	102	-6.002551
1.832596	105	-6.034195
1.884956	108	-6.049796

1.937315	111	-5.959139
1.989675	114	-5.732643
2.042035	117	-5.439978
2.094395	120	-5.18612
2.146755	123	-5.05303
2.199115	126	-5.119596
2.251475	129	-5.527863
2.303835	132	-6.470256
2.356194	135	-8.142779
2.408554	138	-10.62555
2.460914	141	-13.41417
2.513274	144	-14.21556
2.565634	147	-12.25569
2.617994	150	-8.728678
2.670354	153	-8.536243
2.722714	156	-9.729243
2.775074	159	-12.47749
2.827433	162	-15.08809
2.879793	165	-13.66851
2.932153	168	-11.95464
2.984513	171	-12.13367
3.036873	174	-14.42351
3.089233	177	-19.59326
3.141593	180	-35.28284

5350 MHz

-3.141593	-180	-28.71177
-3.089233	-177	-21.08208
-3.036873	-174	-16.15723
-2.984513	-171	-13.28792
-2.932153	-168	-11.51694
-2.879793	-165	-10.56104
-2.827433	-162	-10.5166
-2.775074	-159	-11.79508
-2.722714	-156	-15.23435
-2.670354	-153	-22.65718
-2.617994	-150	-21.83902
-2.565634	-147	-14.99593
-2.513274	-144	-14.38196
-2.460914	-141	-13.46811
-2.408554	-138	-12.57803
-2.356194	-135	-12.64788
-2.303835	-132	-13.71598
-2.251475	-129	-14.1461
-2.199115	-126	-12.8433
-2.146755	-123	-11.91104
-2.094395	-120	-12.63202
-2.042035	-117	-15.33461
-1.989675	-114	-19.2907

-1.937315	-111	-20.03137
-1.884956	-108	-18.01776
-1.832596	-105	-15.20981
-1.780236	-102	-11.58695
-1.727876	-99	-8.404317
-1.675516	-96	-6.177874
-1.623156	-93	-4.759966
-1.570796	-90	-3.749722
-1.518436	-87	-1.432392
-1.466077	-84	-0.160882
-1.413717	-81	0.896239
-1.361357	-78	1.684257
-1.308997	-75	2.3095
-1.256637	-72	2.881996
-1.204277	-69	3.428679
-1.151917	-66	3.857089
-1.099557	-63	4.065481
-1.047198	-60	4.019429
-0.994838	-57	3.77921
-0.942478	-54	3.408787
-0.890118	-51	2.888541
-0.837758	-48	2.135361
-0.785398	-45	1.094907
-0.733038	-42	-0.134036
-0.680678	-39	-1.191008
-0.628319	-36	-1.735674
-0.575959	-33	-1.827862
-0.523599	-30	-1.746942
-0.471239	-27	-1.329543
-0.418879	-24	-0.939523
-0.366519	-21	-0.505165
-0.314159	-18	-0.126684
-0.261799	-15	0.127713
-0.20944	-12	0.210961
-0.15708	-9	0.079294
-0.10472	-6	-0.297056
-0.05236	-3	-0.902343
0	0	-1.64037
0.05236	3	-2.29336
0.10472	6	-2.572957
0.15708	9	-2.373082
0.20944	12	-1.926918
0.261799	15	-1.5335
0.314159	18	-1.275608
0.366519	21	-1.009451
0.418879	24	-0.558459
0.471239	27	0.052961
0.523599	30	0.891976
0.575959	33	0.820764
0.628319	36	0.414246
0.680678	39	-0.185974

0.733038	42	-0.760702
0.785398	45	-1.107994
0.837758	48	-1.189528
0.890118	51	-1.143995
0.942478	54	-1.151957
0.994838	57	-1.333927
1.047198	60	-1.72408
1.099557	63	-2.279393
1.151917	66	-2.903898
1.204277	69	-3.508286
1.256637	72	-4.066754
1.308997	75	-4.632394
1.361357	78	-5.250674
1.413717	81	-5.883904
1.466077	84	-6.400825
1.518436	87	-6.691928
1.570796	90	-6.771405
1.623156	93	-6.741148
1.675516	96	-6.656487
1.727876	99	-6.458148
1.780236	102	-6.174719
1.832596	105	-5.873954
1.884956	108	-5.568576
1.937315	111	-5.187815
1.989675	114	-4.672667
2.042035	117	-4.079626
2.094395	120	-3.561947
2.146755	123	-3.249936
2.199115	126	-3.205162
2.251475	129	-3.443912
2.303835	132	-3.997919
2.356194	135	-4.901986
2.408554	138	-6.145859
2.460914	141	-7.675745
2.513274	144	-9.490975
2.565634	147	-11.47578
2.617994	150	-11.21436
2.670354	153	-9.486775
2.722714	156	-8.809638
2.775074	159	-9.510034
2.827433	162	-11.33413
2.879793	165	-12.9519
2.932153	168	-13.16015
2.984513	171	-13.54842
3.036873	174	-15.71167
3.089233	177	-20.85984
3.141593	180	-28.71177

5500 MHz

-3.141593	-180	-25.42292
-3.089233	-177	-19.5942
-3.036873	-174	-15.70151
-2.984513	-171	-13.27419
-2.932153	-168	-11.56043
-2.879793	-165	-10.46882
-2.827433	-162	-10.21241
-2.775074	-159	-11.15295
-2.722714	-156	-13.91797
-2.670354	-153	-20.35228
-2.617994	-150	-34.69931
-2.565634	-147	-15.28581
-2.513274	-144	-13.33065
-2.460914	-141	-12.38097
-2.408554	-138	-12.52569
-2.356194	-135	-14.09843
-2.303835	-132	-16.44365
-2.251475	-129	-15.46418
-2.199115	-126	-12.62979
-2.146755	-123	-11.28934
-2.094395	-120	-11.75816
-2.042035	-117	-13.99484
-1.989675	-114	-18.06032
-1.937315	-111	-24.74939
-1.884956	-108	-26.73342
-1.832596	-105	-17.17647
-1.780236	-102	-11.79617
-1.727876	-99	-8.582912
-1.675516	-96	-6.623913
-1.623156	-93	-5.268855
-1.570796	-90	-3.974599
-1.518436	-87	-1.120381
-1.466077	-84	0.031013
-1.413717	-81	0.848077
-1.361357	-78	1.431977
-1.308997	-75	1.991815
-1.256637	-72	2.611917
-1.204277	-69	3.227895
-1.151917	-66	3.686122
-1.099557	-63	3.915039
-1.047198	-60	3.950075
-0.994838	-57	3.849515
-0.942478	-54	3.579649
-0.890118	-51	3.023407
-0.837758	-48	2.072188
-0.785398	-45	0.792424
-0.733038	-42	-0.370623
-0.680678	-39	-0.793581
-0.628319	-36	-0.524478
-0.575959	-33	-0.143883
-0.523599	-30	0.066859

-0.471239	-27	0.394344
-0.418879	-24	0.702047
-0.366519	-21	1.006982
-0.314159	-18	1.187782
-0.261799	-15	1.17429
-0.20944	-12	0.937052
-0.15708	-9	0.4501
-0.10472	-6	-0.30023
-0.05236	-3	-1.256627
0	0	-2.212764
0.05236	3	-2.838158
0.10472	6	-2.963142
0.15708	9	-2.793116
0.20944	12	-2.604168
0.261799	15	-2.435749
0.314159	18	-2.082386
0.366519	21	-1.362007
0.418879	24	-0.405322
0.471239	27	0.463572
0.523599	30	1.188542
0.575959	33	1.060696
0.628319	36	0.792626
0.680678	39	0.578988
0.733038	42	0.536798
0.785398	45	0.614389
0.837758	48	0.703547
0.890118	51	0.669442
0.942478	54	0.444396
0.994838	57	0.022509
1.047198	60	-0.554758
1.099557	63	-1.217466
1.151917	66	-1.904214
1.204277	69	-2.583687
1.256637	72	-3.248612
1.308997	75	-3.883879
1.361357	78	-4.438105
1.413717	81	-4.849036
1.466077	84	-5.096824
1.518436	87	-5.247068
1.570796	90	-5.623102
1.623156	93	-5.878403
1.675516	96	-6.05491
1.727876	99	-6.105427
1.780236	102	-6.103872
1.832596	105	-6.14199
1.884956	108	-6.172889
1.937315	111	-6.005709
1.989675	114	-5.470227
2.042035	117	-4.621177
2.094395	120	-3.695055
2.146755	123	-2.913549

2.199115	126	-2.408651
2.251475	129	-2.271571
2.303835	132	-2.579731
2.356194	135	-3.373344
2.408554	138	-4.62731
2.460914	141	-6.240693
2.513274	144	-8.108209
2.565634	147	-10.08062
2.617994	150	-11.01164
2.670354	153	-9.728623
2.722714	156	-9.080927
2.775074	159	-9.5696
2.827433	162	-11.01009
2.879793	165	-12.46391
2.932153	168	-13.04037
2.984513	171	-13.71475
3.036873	174	-15.91768
3.089233	177	-20.88032
3.141593	180	-25.42292

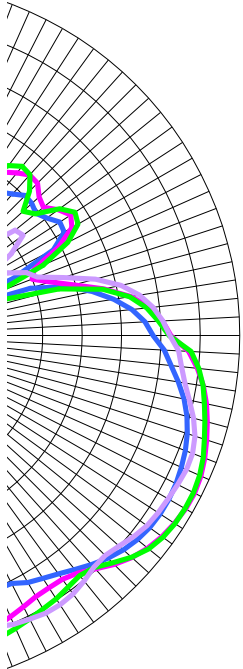
5850 MHz

-3.141593	-180	-21.75343
-3.089233	-177	-19.68136
-3.036873	-174	-16.76551
-2.984513	-171	-14.37338
-2.932153	-168	-12.58375
-2.879793	-165	-11.60048
-2.827433	-162	-11.60115
-2.775074	-159	-12.7252
-2.722714	-156	-15.26766
-2.670354	-153	-20.12994
-2.617994	-150	-30.07598
-2.565634	-147	-18.55354
-2.513274	-144	-16.85326
-2.460914	-141	-17.50178
-2.408554	-138	-21.0825
-2.356194	-135	-29.27453
-2.303835	-132	-23.03876
-2.251475	-129	-18.7755
-2.199115	-126	-18.35068
-2.146755	-123	-20.92893
-2.094395	-120	-24.60636
-2.042035	-117	-22.49339
-1.989675	-114	-20.40476
-1.937315	-111	-19.30003
-1.884956	-108	-16.23982
-1.832596	-105	-12.38617
-1.780236	-102	-9.394384
-1.727876	-99	-7.296754

-1.675516	-96	-5.82174
-1.623156	-93	-4.727131
-1.570796	-90	-3.870161
-1.518436	-87	-2.689693
-1.466077	-84	-2.194148
-1.413717	-81	-1.507222
-1.361357	-78	-0.544462
-1.308997	-75	0.503779
-1.256637	-72	1.342042
-1.204277	-69	1.786853
-1.151917	-66	1.847439
-1.099557	-63	1.670249
-1.047198	-60	1.469779
-0.994838	-57	1.308367
-0.942478	-54	1.054776
-0.890118	-51	0.577269
-0.837758	-48	-0.062268
-0.785398	-45	-0.513126
-0.733038	-42	-0.413157
-0.680678	-39	0.098303
-0.628319	-36	0.570259
-0.575959	-33	0.759161
-0.523599	-30	0.715263
-0.471239	-27	0.401214
-0.418879	-24	0.123272
-0.366519	-21	-0.370594
-0.314159	-18	-1.124304
-0.261799	-15	-2.104685
-0.20944	-12	-3.250148
-0.15708	-9	-4.522122
-0.10472	-6	-5.909978
-0.05236	-3	-7.359892
0	0	-8.611334
0.05236	3	-9.102114
0.10472	6	-8.519393
0.15708	9	-7.362087
0.20944	12	-6.259058
0.261799	15	-5.457975
0.314159	18	-4.919594
0.366519	21	-4.48852
0.418879	24	-4.033847
0.471239	27	-3.525691
0.523599	30	-2.667255
0.575959	33	-2.434959
0.628319	36	-2.253534
0.680678	39	-1.933416
0.733038	42	-1.373385
0.785398	45	-0.702968
0.837758	48	-0.146251
0.890118	51	0.153233
0.942478	54	0.168914

0.994838	57	-0.071436
1.047198	60	-0.513649
1.099557	63	-1.091488
1.151917	66	-1.75014
1.204277	69	-2.440747
1.256637	72	-3.109503
1.308997	75	-3.711552
1.361357	78	-4.246592
1.413717	81	-4.753748
1.466077	84	-5.264586
1.518436	87	-5.776996
1.570796	90	-6.637793
1.623156	93	-6.912921
1.675516	96	-7.132546
1.727876	99	-7.383442
1.780236	102	-7.727431
1.832596	105	-8.174922
1.884956	108	-8.657584
1.937315	111	-8.99559
1.989675	114	-8.982888
2.042035	117	-8.614474
2.094395	120	-8.108682
2.146755	123	-7.584741
2.199115	126	-6.965733
2.251475	129	-6.286401
2.303835	132	-5.792508
2.356194	135	-5.692179
2.408554	138	-5.96478
2.460914	141	-6.430994
2.513274	144	-7.023651
2.565634	147	-7.996605
2.617994	150	-12.04198
2.670354	153	-13.1429
2.722714	156	-12.0818
2.775074	159	-11.28833
2.827433	162	-11.82651
2.879793	165	-13.45141
2.932153	168	-15.00916
2.984513	171	-15.78118
3.036873	174	-17.01546
3.089233	177	-19.65879
3.141593	180	-21.75343
		1.847439

cal Plane Cut



1Hz 5850 MHz