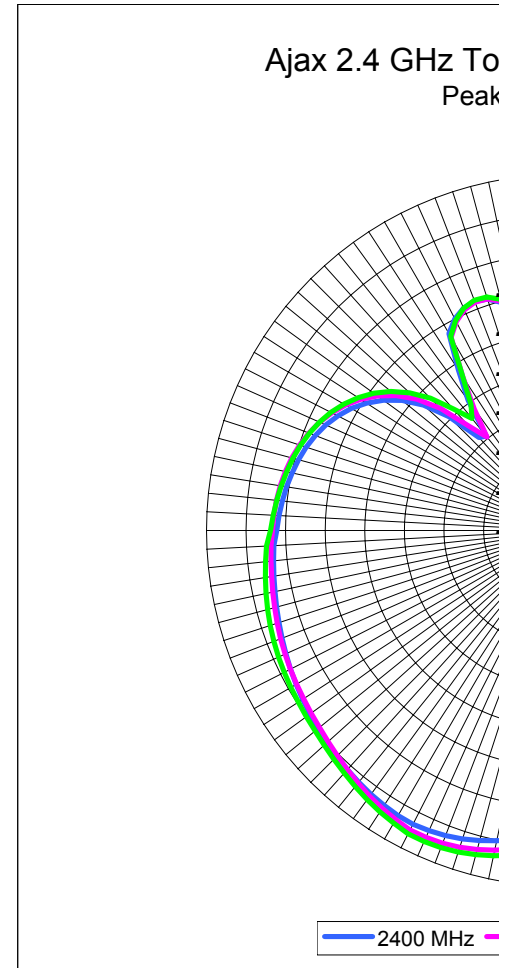


2

Phi=90.0000000000002(deg)

Frequency	Frequency, MHz	Theta	Theta, deg	E(Theta) . Amp dB
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2400000000	2400	-3.089233	-177	-13.67643
2400000000	2400	-3.036873	-174	-10.57515
2400000000	2400	-2.984513	-171	-8.567617
2400000000	2400	-2.932153	-168	-7.21059
2400000000	2400	-2.879793	-165	-6.3072
2400000000	2400	-2.827433	-162	-5.761474
2400000000	2400	-2.775074	-159	-5.534245
2400000000	2400	-2.722714	-156	-5.62613
2400000000	2400	-2.670354	-153	-6.071876
2400000000	2400	-2.617994	-150	-6.927974
2400000000	2400	-2.565634	-147	-10.25962
2400000000	2400	-2.513274	-144	-12.99736
2400000000	2400	-2.460914	-141	-16.24573
2400000000	2400	-2.408554	-138	-17.55688
2400000000	2400	-2.356194	-135	-15.30546
2400000000	2400	-2.303835	-132	-12.63045
2400000000	2400	-2.251475	-129	-10.56991
2400000000	2400	-2.199115	-126	-9.001233
2400000000	2400	-2.146755	-123	-7.732432
2400000000	2400	-2.094395	-120	-6.624909
2400000000	2400	-2.042035	-117	-5.61098
2400000000	2400	-1.989675	-114	-4.680864
2400000000	2400	-1.937315	-111	-3.85029
2400000000	2400	-1.884956	-108	-3.142441
2400000000	2400	-1.832596	-105	-2.568451
2400000000	2400	-1.780236	-102	-2.125357
2400000000	2400	-1.727876	-99	-1.795878
2400000000	2400	-1.675516	-96	-1.54597
2400000000	2400	-1.623156	-93	-1.337676
2400000000	2400	-1.570796	-90	-1.131291
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2400000000	2400	-1.413717	-81	-0.048975
2400000000	2400	-1.361357	-78	0.239772
2400000000	2400	-1.308997	-75	0.508539
2400000000	2400	-1.256637	-72	0.755331
2400000000	2400	-1.204277	-69	0.985351
2400000000	2400	-1.151917	-66	1.207365
2400000000	2400	-1.099557	-63	1.427405
2400000000	2400	-1.047198	-60	1.647548
2400000000	2400	-0.994838	-57	1.855604
2400000000	2400	-0.942478	-54	2.048062
2400000000	2400	-0.890118	-51	2.191571
2400000000	2400	-0.837758	-48	2.283729
2400000000	2400	-0.785398	-45	2.307365



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2490000000	2490	-1.413717	-81	-0.243796
2490000000	2490	-1.361357	-78	0.156432
2490000000	2490	-1.308997	-75	0.547087
2490000000	2490	-1.256637	-72	0.89963
2490000000	2490	-1.204277	-69	1.227966
2490000000	2490	-1.151917	-66	1.531382
2490000000	2490	-1.099557	-63	1.81438
2490000000	2490	-1.047198	-60	2.076426
2490000000	2490	-0.994838	-57	2.318243
2490000000	2490	-0.942478	-54	2.522485
2490000000	2490	-0.890118	-51	2.682813
2490000000	2490	-0.837758	-48	2.778523
2490000000	2490	-0.785398	-45	2.809609
2490000000	2490	-0.733038	-42	2.762327
2490000000	2490	-0.680678	-39	2.644477
2490000000	2490	-0.628319	-36	2.459151
2490000000	2490	-0.575959	-33	2.223742
2490000000	2490	-0.523599	-30	1.942796
2490000000	2490	-0.471239	-27	1.302988
2490000000	2490	-0.418879	-24	0.96394
2490000000	2490	-0.366519	-21	0.62371
2490000000	2490	-0.314159	-18	0.294798
2490000000	2490	-0.261799	-15	-0.00604
2490000000	2490	-0.20944	-12	-0.252735
2490000000	2490	-0.15708	-9	-0.409972
2490000000	2490	-0.10472	-6	-0.441852
2490000000	2490	-0.05236	-3	-0.323097
2490000000	2490	0	0	-0.05288
2490000000	2490	0.05236	3	0.343854
2490000000	2490	0.10472	6	0.812329
2490000000	2490	0.15708	9	1.302439
2490000000	2490	0.20944	12	1.770613
2490000000	2490	0.261799	15	2.173278
2490000000	2490	0.314159	18	2.49099
2490000000	2490	0.366519	21	2.701605
2490000000	2490	0.418879	24	2.800792
2490000000	2490	0.471239	27	2.791177
2490000000	2490	0.523599	30	2.456914
2490000000	2490	0.575959	33	2.167591
2490000000	2490	0.628319	36	1.822542
2490000000	2490	0.680678	39	1.453586
2490000000	2490	0.733038	42	1.08666
2490000000	2490	0.785398	45	0.739012
2490000000	2490	0.837758	48	0.426947
2490000000	2490	0.890118	51	0.154657
2490000000	2490	0.942478	54	-0.082502

2490000000	2490	0.994838	57	-0.2963
2490000000	2490	1.047198	60	-0.50375
2490000000	2490	1.099557	63	-0.718257
2490000000	2490	1.151917	66	-0.948522
2490000000	2490	1.204277	69	-1.196572
2490000000	2490	1.256637	72	-1.458076
2490000000	2490	1.308997	75	-1.727803
2490000000	2490	1.361357	78	-1.992991
2490000000	2490	1.413717	81	-2.250017
2490000000	2490	1.466077	84	-2.49486
2490000000	2490	1.518436	87	-2.730085
2490000000	2490	1.570796	90	-3.198379
2490000000	2490	1.623156	93	-3.445623
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2490000000	2490	1.727876	99	-3.994401
2490000000	2490	1.780236	102	-4.305402
2490000000	2490	1.832596	105	-4.653684
2490000000	2490	1.884956	108	-5.061796
2490000000	2490	1.937315	111	-5.557271
2490000000	2490	1.989675	114	-6.170059
2490000000	2490	2.042035	117	-6.930487
2490000000	2490	2.094395	120	-7.86277
2490000000	2490	2.146755	123	-8.986045
2490000000	2490	2.199115	126	-10.31783
2490000000	2490	2.251475	129	-11.888
2490000000	2490	2.303835	132	-13.76198
2490000000	2490	2.356194	135	-16.08598
2490000000	2490	2.408554	138	-19.09075
2490000000	2490	2.460914	141	-22.49438
2490000000	2490	2.513274	144	-22.42035
2490000000	2490	2.565634	147	-18.55662
2490000000	2490	2.617994	150	-12.65069
2490000000	2490	2.670354	153	-10.92896
2490000000	2490	2.722714	156	-9.84063
2490000000	2490	2.775074	159	-9.339918
2490000000	2490	2.827433	162	-9.429871
2490000000	2490	2.879793	165	-10.18693
2490000000	2490	2.932153	168	-11.79049
2490000000	2490	2.984513	171	-14.66883
2490000000	2490	3.036873	174	-20.10873
2490000000	2490	3.089233	177	-27.70392
2490000000	2490	3.141593	180	-18.56547
2500000000	2500	-3.141593	-180	-19.75407
2500000000	2500	-3.089233	-177	-14.02862
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2500000000	2500	-2.932153	-168	-7.470263
2500000000	2500	-2.879793	-165	-6.630753
2500000000	2500	-2.827433	-162	-6.180908
2500000000	2500	-2.775074	-159	-6.076083
2500000000	2500	-2.722714	-156	-6.316816

2500000000	2500	-2.670354	-153	-6.930449
2500000000	2500	-2.617994	-150	-7.983003
2500000000	2500	-2.565634	-147	-11.87862
2500000000	2500	-2.513274	-144	-15.09383
2500000000	2500	-2.460914	-141	-18.76133
2500000000	2500	-2.408554	-138	-18.99693
2500000000	2500	-2.356194	-135	-15.84103
2500000000	2500	-2.303835	-132	-13.08854
2500000000	2500	-2.251475	-129	-11.09059
2500000000	2500	-2.199115	-126	-9.577796
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2500000000	2500	-1.989675	-114	-5.102807
2500000000	2500	-1.937315	-111	-4.216623
2500000000	2500	-1.884956	-108	-3.474025
2500000000	2500	-1.832596	-105	-2.89311
2500000000	2500	-1.780236	-102	-2.470903
2500000000	2500	-1.727876	-99	-2.181334
2500000000	2500	-1.675516	-96	-1.979697
2500000000	2500	-1.623156	-93	-1.807614
2500000000	2500	-1.570796	-90	-1.603782
2500000000	2500	-1.518436	-87	-0.966151
2500000000	2500	-1.466077	-84	-0.540895
2500000000	2500	-1.413717	-81	-0.089104
2500000000	2500	-1.361357	-78	0.354317
2500000000	2500	-1.308997	-75	0.769807
2500000000	2500	-1.256637	-72	1.146029
2500000000	2500	-1.204277	-69	1.484951
2500000000	2500	-1.151917	-66	1.794942
2500000000	2500	-1.099557	-63	2.086897
2500000000	2500	-1.047198	-60	2.358796
2500000000	2500	-0.994838	-57	2.602798
2500000000	2500	-0.942478	-54	2.81529
2500000000	2500	-0.890118	-51	2.97894
2500000000	2500	-0.837758	-48	3.073875
2500000000	2500	-0.785398	-45	3.097901
2500000000	2500	-0.733038	-42	3.041485
2500000000	2500	-0.680678	-39	2.907463
2500000000	2500	-0.628319	-36	2.702188
2500000000	2500	-0.575959	-33	2.43779
2500000000	2500	-0.523599	-30	2.126209
2500000000	2500	-0.471239	-27	1.44386
2500000000	2500	-0.418879	-24	1.090406
2500000000	2500	-0.366519	-21	0.743347
2500000000	2500	-0.314159	-18	0.412762
2500000000	2500	-0.261799	-15	0.116996
2500000000	2500	-0.20944	-12	-0.118173
2500000000	2500	-0.15708	-9	-0.258208
2500000000	2500	-0.10472	-6	-0.269039
2500000000	2500	-0.05236	-3	-0.128254

2500000000	2500	0	0	0.157503
2500000000	2500	0.05236	3	0.56328
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2500000000	2500	0.366519	21	2.901659
2500000000	2500	0.418879	24	3.002553
2500000000	2500	0.471239	27	2.996724
2500000000	2500	0.523599	30	2.67039
2500000000	2500	0.575959	33	2.374286
2500000000	2500	0.628319	36	2.013895
2500000000	2500	0.680678	39	1.62709
2500000000	2500	0.733038	42	1.230008
2500000000	2500	0.785398	45	0.852482
2500000000	2500	0.837758	48	0.523274
2500000000	2500	0.890118	51	0.239541
2500000000	2500	0.942478	54	0.006534
2500000000	2500	0.994838	57	-0.188426
2500000000	2500	1.047198	60	-0.363815
2500000000	2500	1.099557	63	-0.53693
2500000000	2500	1.151917	66	-0.723435
2500000000	2500	1.204277	69	-0.933136
2500000000	2500	1.256637	72	-1.169
2500000000	2500	1.308997	75	-1.426812
2500000000	2500	1.361357	78	-1.700282
2500000000	2500	1.413717	81	-1.9818
2500000000	2500	1.466077	84	-2.264575
2500000000	2500	1.518436	87	-2.546833
2500000000	2500	1.570796	90	-3.108075
2500000000	2500	1.623156	93	-3.397387
2500000000	2500	1.675516	96	-3.696639
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2500000000	2500	1.780236	102	-4.360461
2500000000	2500	1.832596	105	-4.746843
2500000000	2500	1.884956	108	-5.193918
2500000000	2500	1.937315	111	-5.724855
2500000000	2500	1.989675	114	-6.3687
2500000000	2500	2.042035	117	-7.146852
2500000000	2500	2.094395	120	-8.08582
2500000000	2500	2.146755	123	-9.203794
2500000000	2500	2.199115	126	-10.5274
2500000000	2500	2.251475	129	-12.10029
2500000000	2500	2.303835	132	-14.00476
2500000000	2500	2.356194	135	-16.38645
2500000000	2500	2.408554	138	-19.34669
2500000000	2500	2.460914	141	-21.78598
2500000000	2500	2.513274	144	-20.31099
2500000000	2500	2.565634	147	-16.83086
2500000000	2500	2.617994	150	-11.72957

2500000000	2500	2.670354	153	-10.21499
2500000000	2500	2.722714	156	-9.269138
2500000000	2500	2.775074	159	-8.859305
2500000000	2500	2.827433	162	-9.000703
2500000000	2500	2.879793	165	-9.768488
2500000000	2500	2.932153	168	-11.33116
2500000000	2500	2.984513	171	-14.08938
2500000000	2500	3.036873	174	-19.21958
2500000000	2500	3.089233	177	-29.72441
2500000000	2500	3.141593	180	-19.75407
				3.097901

Hz Top Antenna, Vertical Plane

Peak Gain is 3.1 dBi

