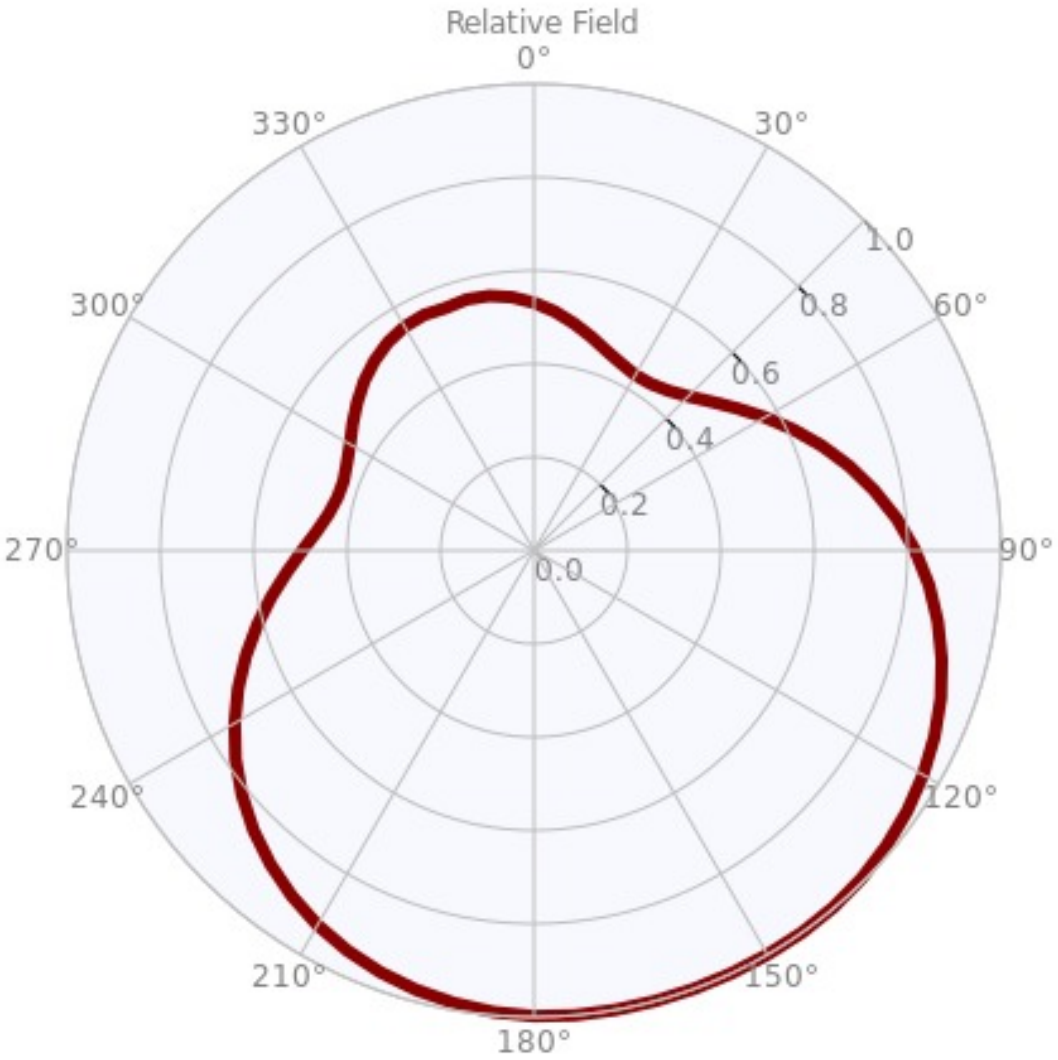
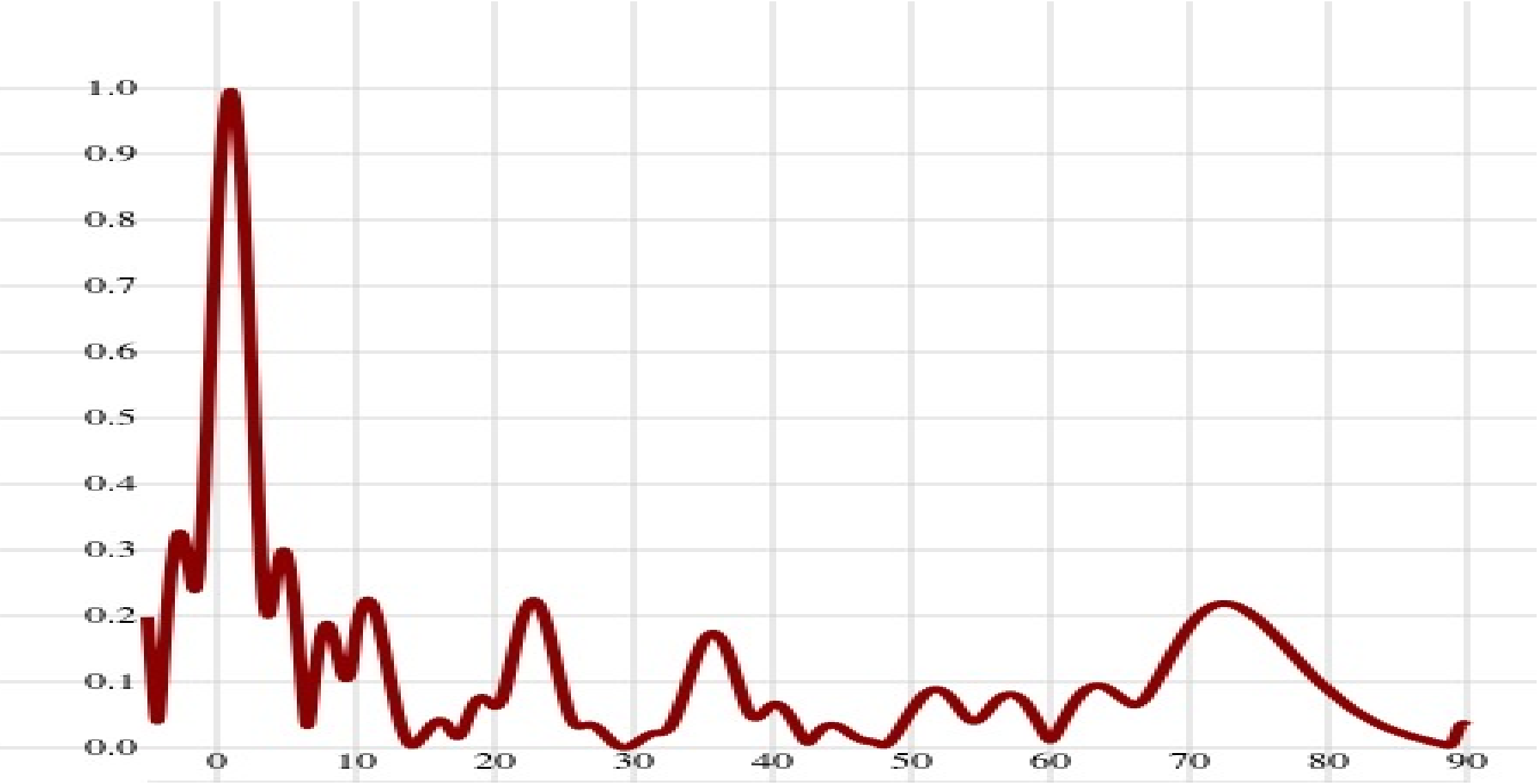
Horizontal Azimuth Pattern



Elevation pattern -5 to 90



Azimuth Pattern Tabulation, FCC

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
0°	0.531	-5.50	90°	0.816	-1.77	180°	0.998	-0.02	270°	0.496	-6.09
10°	0.494	-6.13	100°	0.878	-1.13	190°	0.985	-0.13	280°	0.447	-6.99
20°	0.455	-6.84	110°	0.927	-0.66	200°	0.962	-0.34	290°	0.434	-7.25
30°	0.434	-7.25	120°	0.962	-0.34	210°	0.927	-0.66	300°	0.455	-6.84
40°	0.447	-6.99	130°	0.985	-0.13	220°	0.878	-1.13	310°	0.494	-6.13
50°	0.496	-6.09	140°	0.998	-0.02	230°	0.816	-1.77	320°	0.531	-5.50
60°	0.571	-4.87	150°	1.000	0.00	240°	0.740	-2.62	330°	0.554	-5.13
70°	0.656	-3.66	160°	1.000	0.00	250°	0.656	-3.66	340°	0.553	-5.15
80°	0.740	-2.62	170°	1.000	0.00	260°	0.571	-4.87	350°	0.554	-5.13

Elevation Pattern Tabulation

-5 to 10 in 0.25 increments, 10 to 90 in 0.50 increments

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5.00	0.198	-14.07	8.75	0.138	-17.20	35.00	0.163	-15.76	62.50	0.088	-21.11
-4.75	0.139	-17.14	9.00	0.115	-18.79	35.50	0.175	-15.14	63.00	0.094	-20.54
-4.50	0.070	-23.10	9.25	0.102	-19.83	36.00	0.174	-15.19	63.50	0.095	-20.45
-4.25	0.022	-33.15	9.50	0.107	-19.41	36.50	0.160	-15.92	64.00	0.092	-20.72
-4.00	0.087	-21.21	9.75	0.128	-17.86	37.00	0.134	-17.46	64.50	0.085	-21.41
-3.75	0.160	-15.92	10.00	0.184	-14.70	37.50	0.100	-20.00	65.00	0.077	-22.27
-3.50	0.224	-13.00	10.50	0.222	-13.07	38.00	0.067	-23.48	65.50	0.069	-23.22
-3.25	0.276	-11.18	11.00	0.228	-12.84	38.50	0.044	-27.13	66.00	0.064	-23.88
-3.00	0.311	-10.14	11.50	0.203	-13.85	39.00	0.045	-26.94	66.50	0.067	-23.48
-2.75	0.328	-9.68	12.00	0.156	-16.14	39.50	0.058	-24.73	67.00	0.078	-22.16
-2.50	0.325	-9.76	12.50	0.100	-20.00	40.00	0.067	-23.48	67.50	0.095	-20.45
-2.25	0.304	-10.34	13.00	0.051	-25.85	40.50	0.066	-23.61	68.00	0.114	-18.86
-2.00	0.272	-11.31	13.50	0.016	-35.92	41.00	0.056	-25.04	68.50	0.133	-17.52
-1.75	0.240	-12.40	14.00	0.000	inf	41.50	0.040	-27.96	69.00	0.152	-16.36
-1.50	0.236	-12.54	14.50	0.008	-41.94	42.00	0.021	-33.56	69.50	0.170	-15.39
-1.25	0.277	-11.15	15.00	0.022	-33.15	42.50	0.003	-50.46	70.00	0.185	-14.66
-1.00	0.361	-8.85	15.50	0.036	-28.87	43.00	0.017	-35.39	70.50	0.197	-14.11
-0.75	0.467	-6.61	16.00	0.044	-27.13	43.50	0.029	-30.75	71.00	0.207	-13.68
-0.50	0.581	-4.72	16.50	0.038	-28.40	44.00	0.035	-29.12	71.50	0.214	-13.39
-0.25	0.694	-3.17	17.00	0.019	-34.42	44.50	0.035	-29.12	72.00	0.218	-13.23
0.00	0.796	-1.98	17.50	0.012	-38.42	45.00	0.030	-30.46	72.50	0.219	-13.19
0.25	0.882	-1.09	18.00	0.043	-27.33	45.50	0.022	-33.15	73.00	0.218	-13.23
0.50	0.947	-0.47	18.50	0.068	-23.35	46.00	0.015	-36.48	73.50	0.215	-13.35
0.75	0.987	-0.11	19.00	0.079	-22.05	46.50	0.011	-39.17	74.00	0.209	-13.60
1.00	1.000	0.00	19.50	0.073	-22.73	47.00	0.010	-40.00	74.50	0.202	-13.89
1.25	0.987	-0.11	20.00	0.059	-24.58	47.50	0.008	-41.94	75.00	0.194	-14.24
1.50	0.946	-0.48	20.50	0.067	-23.48	48.00	0.002	-53.98	75.50	0.184	-14.70
1.75	0.881	-1.10	21.00	0.109	-19.25	48.50	0.009	-40.92	76.00	0.174	-15.19
2.00	0.795	-1.99	21.50	0.159	-15.97	49.00	0.023	-32.77	76.50	0.163	-15.76
2.25	0.693	-3.19	22.00	0.200	-13.98	49.50	0.040	-27.96	77.00	0.152	-16.36
2.50	0.580	-4.73	22.50	0.224	-13.00	50.00	0.057	-24.88	77.50	0.140	-17.08
2.75	0.463	-6.69	23.00	0.225	-12.96	50.50	0.071	-22.97	78.00	0.129	-17.79
3.00	0.352	-9.07	23.50	0.205	-13.76	51.00	0.083	-21.62	78.50	0.118	-18.56
3.25	0.258	-11.77	24.00	0.168	-15.49	51.50	0.089	-21.01	79.00	0.107	-19.41
3.50	0.203	-13.85	24.50	0.121	-18.34	52.00	0.089	-21.01	79.50	0.097	-20.26
3.75	0.196	-14.15	25.00	0.075	-22.50	52.50	0.083	-21.62	80.00	0.088	-21.11
4.00	0.227	-12.88	25.50	0.041	-27.74	53.00	0.072	-22.85	80.50	0.079	-22.05
4.25	0.264	-11.57	26.00	0.030	-30.46	53.50	0.058	-24.73	81.00	0.070	-23.10
4.50	0.290	-10.75	26.50	0.035	-29.12	54.00	0.044	-27.13	81.50	0.062	-24.15
4.75	0.302	-10.40	27.00	0.036	-28.87	54.50	0.038	-28.40	82.00	0.055	-25.19
5.00	0.295	-10.60	27.50	0.029	-30.75	55.00	0.044	-27.13	82.50	0.049	-26.20
5.25	0.273	-11.28	28.00	0.018	-34.89	55.50	0.056	-25.04	83.00	0.043	-27.33
5.50	0.234	-12.62	28.50	0.007	-43.10	56.00	0.069	-23.22	83.50	0.037	-28.64
5.75	0.185	-14.66	29.00	0.001	-60.00	56.50	0.078	-22.16	84.00	0.032	-29.90
6.00	0.128	-17.86	29.50	0.000	inf	57.00	0.082	-21.72	84.50	0.028	-31.06
6.25	0.068	-23.35	30.00	0.005	-46.02	57.50	0.080	-21.94	85.00	0.024	-32.40
6.50	0.020	-33.98	30.50	0.012	-38.42	58.00	0.073	-22.73	85.50	0.021	-33.56
6.75	0.054	-25.35	31.00	0.019	-34.42	58.50	0.060	-24.44	86.00	0.017	-35.39
7.00	0.103	-19.74	31.50	0.023	-32.77	59.00	0.043	-27.33	86.50	0.014	-37.08
7.25	0.142	-16.95	32.00	0.022	-33.15	59.50	0.023	-32.77	87.00	0.012	-38.42
7.50	0.170	-15.39	32.50	0.026	-31.70	60.00	0.006	-44.44	87.50	0.009	-40.92
7.75	0.186	-14.61	33.00	0.045	-26.94	60.50	0.023	-32.77	88.00	0.007	-43.10
8.00	0.189	-14.47	33.50	0.074	-22.62	61.00	0.044	-27.13	88.50	0.004	-47.96
8.25	0.180	-14.89	34.00	0.108	-19.33	61.50	0.062	-24.15	89.00	0.002	-53.98
8.50	0.162	-15.81	34.50	0.139	-17.14	62.00	0.077	-22.27	89.50	0.041	-27.74
8.75	0.138	-17.20	35.00	0.163	-15.76	62.50	0.088	-21.11	90.00	0.034	-29.37