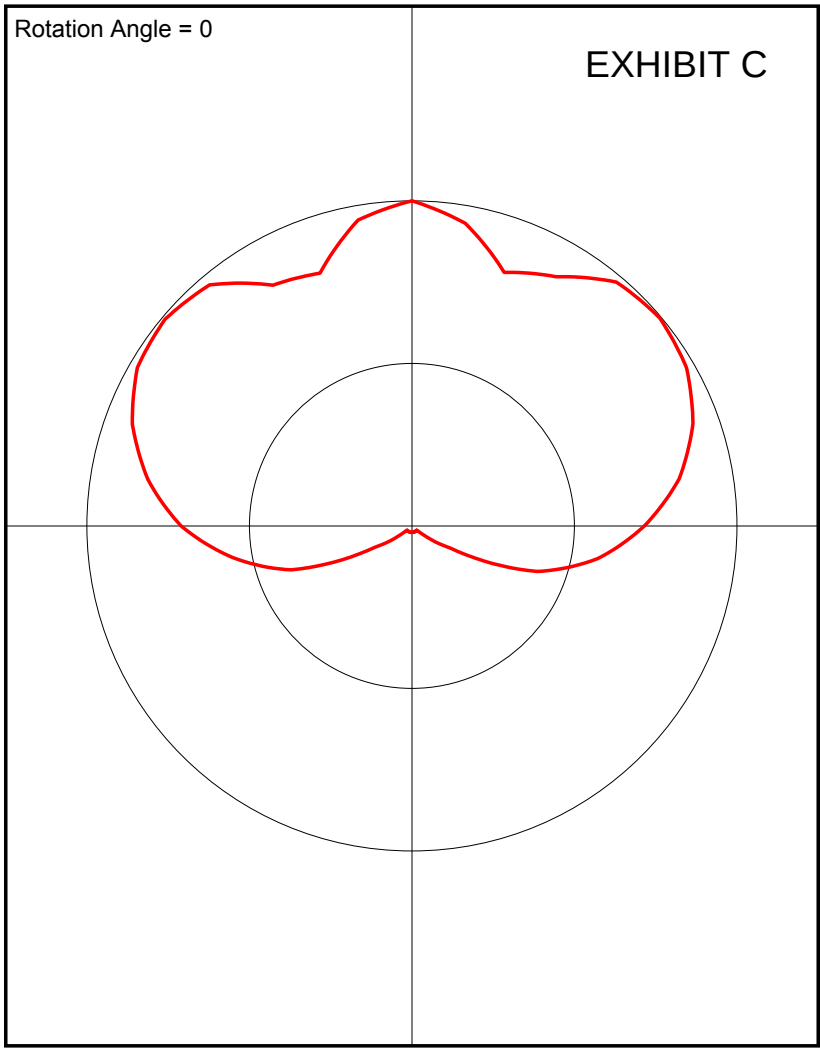
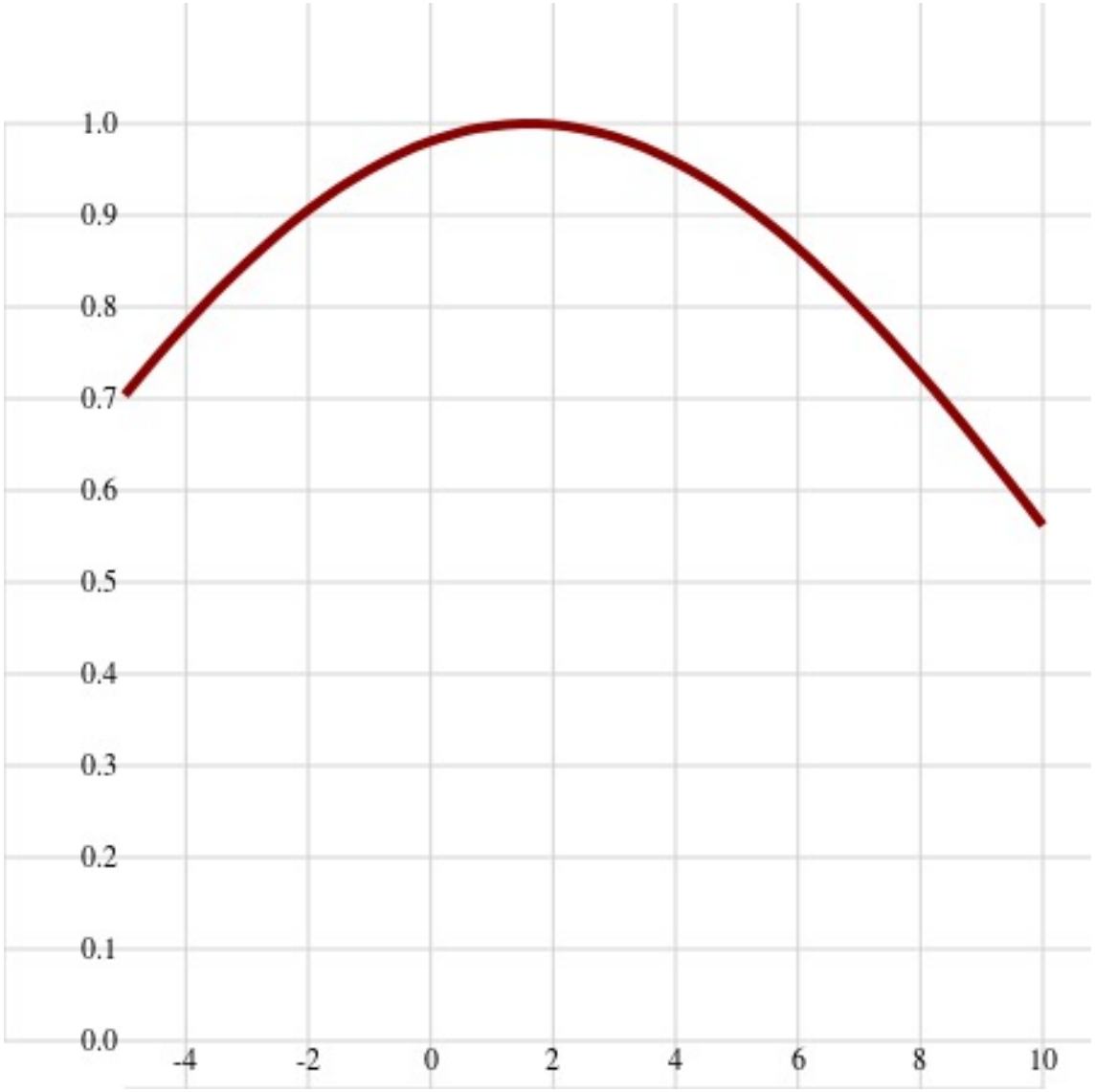
Antenna Pattern

Pre-Rotation Antenna Pattern....

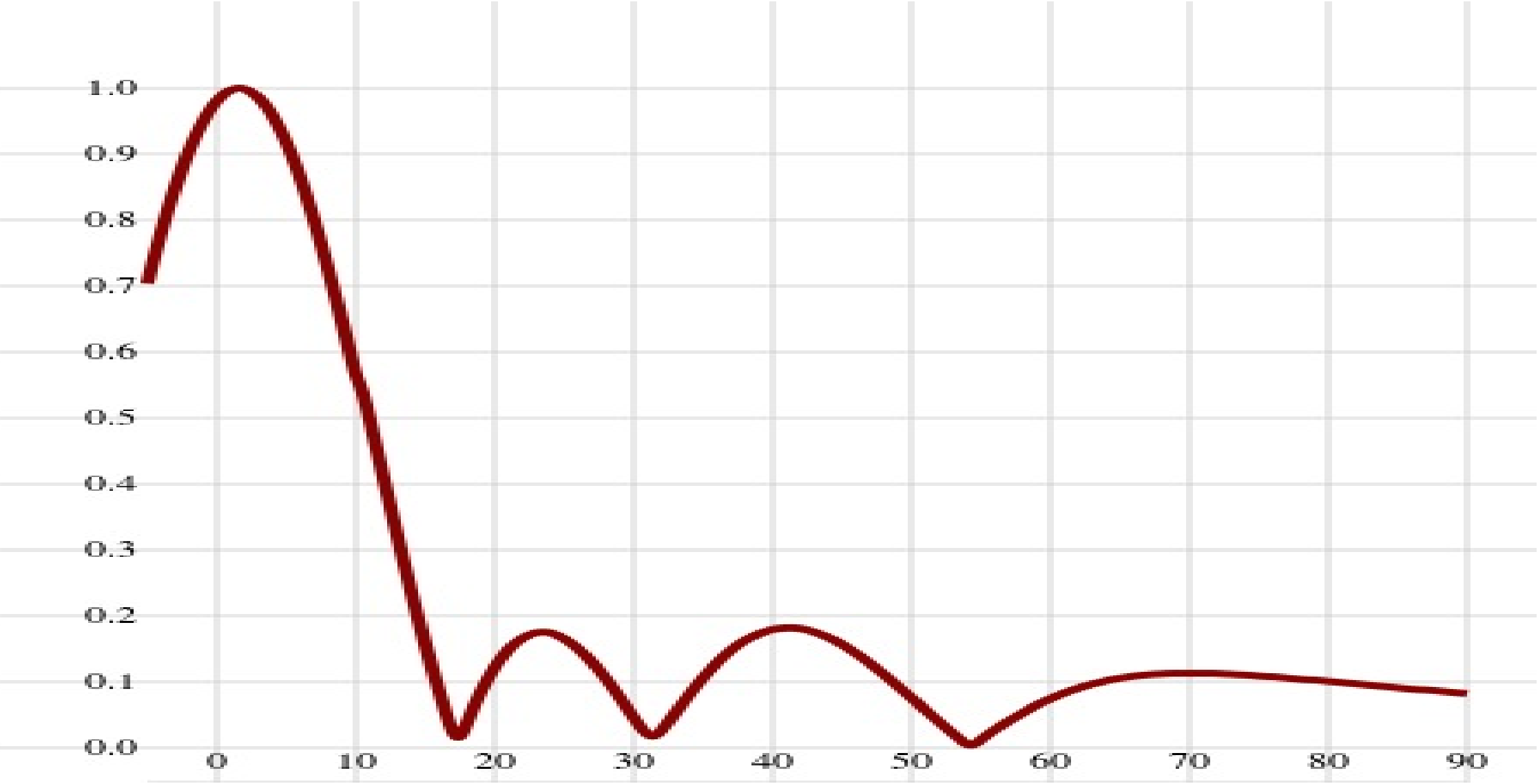
Azimuth (deg)	Relative Field
0.0	1.0
10.0	0.945
20.0	0.83
30.0	0.885
40.0	0.979
50.0	0.995
60.0	0.975
70.0	0.92
80.0	0.835
90.0	0.715
100.0	0.58
110.0	0.41
120.0	0.135
130.0	0.02
140.0	0.02
150.0	0.02
160.0	0.02
170.0	0.02
180.0	0.02
190.0	0.02
200.0	0.02
210.0	0.02
220.0	0.02
230.0	0.02
240.0	0.13
250.0	0.395
260.0	0.56
270.0	0.71
280.0	0.825
290.0	0.915
300.0	0.975
310.0	0.99
320.0	0.968
330.0	0.855
340.0	0.827
350.0	0.955



Elevation pattern -5 to 10



Elevation pattern -5 to 90



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	0.704	-3.05	8.75	0.668	-3.50	35.00	0.107	-19.41	62.50	0.094	-20.54
-4.75	0.724	-2.81	9.00	0.647	-3.78	35.50	0.118	-18.56	63.00	0.097	-20.26
-4.50	0.744	-2.57	9.25	0.626	-4.07	36.00	0.129	-17.79	63.50	0.099	-20.09
-4.25	0.763	-2.35	9.50	0.605	-4.36	36.50	0.139	-17.14	64.00	0.102	-19.83
-4.00	0.781	-2.15	9.75	0.584	-4.67	37.00	0.148	-16.59	64.50	0.104	-19.66
-3.75	0.799	-1.95	10.00	0.562	-5.01	37.50	0.156	-16.14	65.00	0.106	-19.49
-3.50	0.817	-1.76	10.50	0.541	-5.34	38.00	0.163	-15.76	65.50	0.107	-19.41
-3.25	0.833	-1.59	11.00	0.497	-6.07	38.50	0.168	-15.49	66.00	0.109	-19.25
-3.00	0.849	-1.42	11.50	0.453	-6.88	39.00	0.173	-15.24	66.50	0.110	-19.17
-2.75	0.864	-1.27	12.00	0.409	-7.77	39.50	0.177	-15.04	67.00	0.111	-19.09
-2.50	0.879	-1.12	12.50	0.365	-8.75	40.00	0.180	-14.89	67.50	0.112	-19.02
-2.25	0.893	-0.98	13.00	0.321	-9.87	40.50	0.181	-14.85	68.00	0.112	-19.02
-2.00	0.906	-0.86	13.50	0.279	-11.09	41.00	0.182	-14.80	68.50	0.113	-18.94
-1.75	0.918	-0.74	14.00	0.237	-12.51	41.50	0.182	-14.80	69.00	0.113	-18.94
-1.50	0.930	-0.63	14.50	0.196	-14.15	42.00	0.181	-14.85	69.50	0.113	-18.94
-1.25	0.940	-0.54	15.00	0.157	-16.08	42.50	0.179	-14.94	70.00	0.113	-18.94
-1.00	0.950	-0.45	15.50	0.120	-18.42	43.00	0.176	-15.09	70.50	0.113	-18.94
-0.75	0.959	-0.36	16.00	0.084	-21.51	43.50	0.172	-15.29	71.00	0.113	-18.94
-0.50	0.967	-0.29	16.50	0.051	-25.85	44.00	0.168	-15.49	71.50	0.113	-18.94
-0.25	0.975	-0.22	17.00	0.019	-34.42	44.50	0.163	-15.76	72.00	0.113	-18.94
0.00	0.981	-0.17	17.50	0.011	-39.17	45.00	0.157	-16.08	72.50	0.112	-19.02
0.25	0.986	-0.12	18.00	0.038	-28.40	45.50	0.150	-16.48	73.00	0.112	-19.02
0.50	0.991	-0.08	18.50	0.063	-24.01	46.00	0.143	-16.89	73.50	0.111	-19.09
0.75	0.995	-0.04	19.00	0.085	-21.41	46.50	0.136	-17.33	74.00	0.111	-19.09
1.00	0.997	-0.03	19.50	0.105	-19.58	47.00	0.128	-17.86	74.50	0.110	-19.17
1.25	0.999	-0.01	20.00	0.122	-18.27	47.50	0.120	-18.42	75.00	0.109	-19.25
1.50	1.000	0.00	20.50	0.137	-17.27	48.00	0.112	-19.02	75.50	0.108	-19.33
1.75	1.000	0.00	21.00	0.150	-16.48	48.50	0.103	-19.74	76.00	0.108	-19.33
2.00	0.999	-0.01	21.50	0.160	-15.92	49.00	0.094	-20.54	76.50	0.107	-19.41
2.25	0.997	-0.03	22.00	0.167	-15.55	49.50	0.085	-21.41	77.00	0.106	-19.49
2.50	0.994	-0.05	22.50	0.172	-15.29	50.00	0.076	-22.38	77.50	0.105	-19.58
2.75	0.990	-0.09	23.00	0.175	-15.14	50.50	0.067	-23.48	78.00	0.104	-19.66
3.00	0.986	-0.12	23.50	0.176	-15.09	51.00	0.057	-24.88	78.50	0.103	-19.74
3.25	0.980	-0.18	24.00	0.175	-15.14	51.50	0.048	-26.38	79.00	0.103	-19.74
3.50	0.974	-0.23	24.50	0.171	-15.34	52.00	0.039	-28.18	79.50	0.102	-19.83
3.75	0.966	-0.30	25.00	0.166	-15.60	52.50	0.030	-30.46	80.00	0.101	-19.91
4.00	0.958	-0.37	25.50	0.159	-15.97	53.00	0.021	-33.56	80.50	0.100	-20.00
4.25	0.949	-0.45	26.00	0.151	-16.42	53.50	0.013	-37.72	81.00	0.099	-20.09
4.50	0.939	-0.55	26.50	0.141	-17.02	54.00	0.004	-47.96	81.50	0.098	-20.18
4.75	0.929	-0.64	27.00	0.130	-17.72	54.50	0.004	-47.96	82.00	0.097	-20.26
5.00	0.917	-0.75	27.50	0.118	-18.56	55.00	0.012	-38.42	82.50	0.096	-20.35
5.25	0.905	-0.87	28.00	0.105	-19.58	55.50	0.020	-33.98	83.00	0.095	-20.45
5.50	0.892	-0.99	28.50	0.091	-20.82	56.00	0.027	-31.37	83.50	0.094	-20.54
5.75	0.879	-1.12	29.00	0.076	-22.38	56.50	0.034	-29.37	84.00	0.093	-20.63
6.00	0.864	-1.27	29.50	0.061	-24.29	57.00	0.041	-27.74	84.50	0.092	-20.72
6.25	0.849	-1.42	30.00	0.046	-26.74	57.50	0.047	-26.56	85.00	0.091	-20.82
6.50	0.833	-1.59	30.50	0.031	-30.17	58.00	0.053	-25.51	85.50	0.090	-20.92
6.75	0.817	-1.76	31.00	0.019	-34.42	58.50	0.059	-24.58	86.00	0.089	-21.01
7.00	0.800	-1.94	31.50	0.016	-35.92	59.00	0.065	-23.74	86.50	0.088	-21.11
7.25	0.783	-2.12	32.00	0.025	-32.04	59.50	0.070	-23.10	87.00	0.088	-21.11
7.50	0.765	-2.33	32.50	0.039	-28.18	60.00	0.074	-22.62	87.50	0.087	-21.21
7.75	0.746	-2.55	33.00	0.053	-25.51	60.50	0.079	-22.05	88.00	0.086	-21.31
8.00	0.727	-2.77	33.50	0.067	-23.48	61.00	0.083	-21.62	88.50	0.085	-21.41
8.25	0.708	-3.00	34.00	0.081	-21.83	61.50	0.087	-21.21	89.00	0.084	-21.51
8.50	0.688	-3.25	34.50	0.094	-20.54	62.00	0.090	-20.92	89.50	0.083	-21.62
8.75	0.668	-3.50	35.00	0.107	-19.41	62.50	0.094	-20.54	90.00	0.082	-21.72