

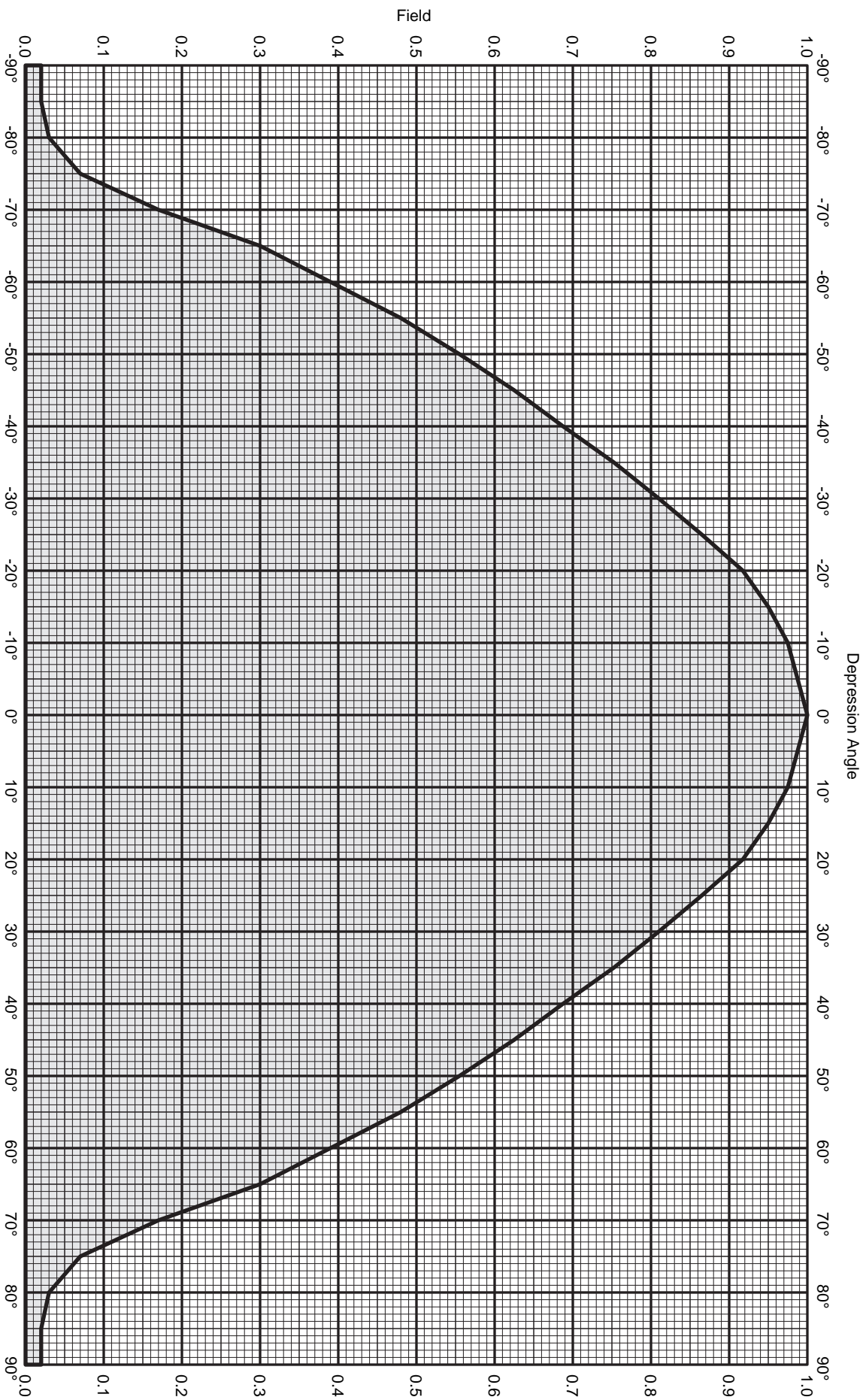
One CL-26 Log-periodic Antenna  
Broadband 54 - 88 MHz.  
Gain: 8.2 dBd  
Horizontal Polarization  
Horizontal plane Pattern



One CL-26 Log-periodic Antenna  
 Broadband 54 - 88 MHz.  
 Gain: 8.2 dBd  
 Horizontal Polarization

Horizontal plane Pattern

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	8.20	6.61	180	0.047	-26.56	-18.36	0.01
5	0.980	-0.18	8.02	6.35	185	0.046	-26.74	-18.54	0.01
10	0.940	-0.54	7.66	5.84	190	0.045	-26.94	-18.74	0.01
15	0.895	-0.96	7.24	5.29	195	0.044	-27.13	-18.93	0.01
20	0.835	-1.57	6.63	4.61	200	0.043	-27.33	-19.13	0.01
25	0.745	-2.56	5.64	3.67	205	0.041	-27.74	-19.54	0.01
30	0.655	-3.68	4.52	2.83	210	0.035	-29.12	-20.92	0.01
35	0.560	-5.04	3.16	2.07	215	0.023	-32.96	-24.76	0.00
40	0.460	-6.74	1.46	1.40	220	0.015	-36.48	-28.28	0.00
45	0.375	-8.52	-0.32	0.93	225	0.010	-40.00	-31.80	0.00
50	0.295	-10.60	-2.40	0.57	230	0.010	-40.00	-31.80	0.00
55	0.200	-13.98	-5.78	0.26	235	0.010	-40.00	-31.80	0.00
60	0.105	-19.58	-11.38	0.07	240	0.010	-40.00	-31.80	0.00
65	0.055	-25.19	-16.99	0.02	245	0.010	-40.00	-31.80	0.00
70	0.035	-29.12	-20.92	0.01	250	0.010	-40.00	-31.80	0.00
75	0.027	-31.21	-23.01	0.00	255	0.010	-40.00	-31.80	0.00
80	0.025	-32.04	-23.84	0.00	260	0.010	-40.00	-31.80	0.00
85	0.020	-33.98	-25.78	0.00	265	0.010	-40.00	-31.80	0.00
90	0.015	-36.48	-28.28	0.00	270	0.015	-36.48	-28.28	0.00
95	0.010	-40.00	-31.80	0.00	275	0.020	-33.98	-25.78	0.00
100	0.010	-40.00	-31.80	0.00	280	0.025	-32.04	-23.84	0.00
105	0.010	-40.00	-31.80	0.00	285	0.027	-31.21	-23.01	0.00
110	0.010	-40.00	-31.80	0.00	290	0.035	-29.12	-20.92	0.01
115	0.010	-40.00	-31.80	0.00	295	0.055	-25.19	-16.99	0.02
120	0.010	-40.00	-31.80	0.00	300	0.105	-19.58	-11.38	0.07
125	0.010	-40.00	-31.80	0.00	305	0.200	-13.98	-5.78	0.26
130	0.010	-40.00	-31.80	0.00	310	0.295	-10.60	-2.40	0.57
135	0.010	-40.00	-31.80	0.00	315	0.375	-8.52	-0.32	0.93
140	0.015	-36.48	-28.28	0.00	320	0.460	-6.74	1.46	1.40
145	0.023	-32.96	-24.76	0.00	325	0.560	-5.04	3.16	2.07
150	0.035	-29.12	-20.92	0.01	330	0.655	-3.68	4.52	2.83
155	0.041	-27.74	-19.54	0.01	335	0.745	-2.56	5.64	3.67
160	0.043	-27.33	-19.13	0.01	340	0.835	-1.57	6.63	4.61
165	0.044	-27.13	-18.93	0.01	345	0.895	-0.96	7.24	5.29
170	0.045	-26.94	-18.74	0.01	350	0.940	-0.54	7.66	5.84
175	0.046	-26.74	-18.54	0.01	355	0.980	-0.18	8.02	6.35



One CL-26 Log-periodic Antenna

Broadband 54 - 88 MHz.

Gain: 8.2 dBd

Horizontal Polarization



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One CL-26 Log-periodic Antenna

Vertical plane Pattern

Broadband 54 - 88 MHz.

Gain: 8.2 dBd

Horizontal Polarization

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.020	-33.98	-25.78	0.00	-45	0.625	-4.08	4.12	2.58
-89	0.020	-33.98	-25.78	0.00	-44	0.638	-3.91	4.29	2.69
-88	0.020	-33.98	-25.78	0.00	-43	0.650	-3.74	4.46	2.79
-87	0.020	-33.98	-25.78	0.00	-42	0.663	-3.58	4.62	2.90
-86	0.020	-33.98	-25.78	0.00	-41	0.675	-3.41	4.79	3.01
-85	0.020	-33.98	-25.78	0.00	-40	0.688	-3.25	4.95	3.12
-84	0.022	-33.15	-24.95	0.00	-39	0.701	-3.09	5.11	3.24
-83	0.024	-32.40	-24.20	0.00	-38	0.714	-2.93	5.27	3.36
-82	0.026	-31.70	-23.50	0.00	-37	0.726	-2.78	5.42	3.49
-81	0.028	-31.06	-22.86	0.01	-36	0.739	-2.62	5.58	3.61
-80	0.030	-30.46	-22.26	0.01	-35	0.752	-2.47	5.73	3.74
-79	0.038	-28.40	-20.20	0.01	-34	0.764	-2.34	5.86	3.86
-78	0.046	-26.74	-18.54	0.01	-33	0.775	-2.21	5.99	3.97
-77	0.054	-25.35	-17.15	0.02	-32	0.787	-2.08	6.12	4.09
-76	0.062	-24.15	-15.95	0.03	-31	0.799	-1.95	6.25	4.21
-75	0.070	-23.10	-14.90	0.03	-30	0.810	-1.83	6.37	4.33
-74	0.090	-20.92	-12.72	0.05	-29	0.821	-1.71	6.49	4.45
-73	0.110	-19.17	-10.97	0.08	-28	0.832	-1.60	6.60	4.57
-72	0.130	-17.72	-9.52	0.11	-27	0.843	-1.48	6.72	4.70
-71	0.150	-16.48	-8.28	0.15	-26	0.854	-1.37	6.83	4.82
-70	0.170	-15.39	-7.19	0.19	-25	0.865	-1.26	6.94	4.94
-69	0.196	-14.15	-5.95	0.25	-24	0.875	-1.15	7.05	5.06
-68	0.222	-13.07	-4.87	0.33	-23	0.886	-1.05	7.15	5.19
-67	0.248	-12.11	-3.91	0.41	-22	0.896	-0.95	7.25	5.31
-66	0.274	-11.24	-3.04	0.50	-21	0.907	-0.85	7.35	5.44
-65	0.300	-10.46	-2.26	0.59	-20	0.918	-0.75	7.45	5.56
-64	0.318	-9.95	-1.75	0.67	-19	0.924	-0.69	7.51	5.64
-63	0.336	-9.47	-1.27	0.75	-18	0.931	-0.63	7.57	5.72
-62	0.354	-9.02	-0.82	0.83	-17	0.937	-0.57	7.63	5.80
-61	0.372	-8.59	-0.39	0.91	-16	0.944	-0.51	7.69	5.88
-60	0.390	-8.18	0.02	1.00	-15	0.950	-0.45	7.75	5.96
-59	0.408	-7.79	0.41	1.10	-14	0.955	-0.40	7.80	6.03
-58	0.426	-7.41	0.79	1.20	-13	0.960	-0.35	7.85	6.09
-57	0.444	-7.05	1.15	1.30	-12	0.965	-0.31	7.89	6.15
-56	0.462	-6.71	1.49	1.41	-11	0.970	-0.26	7.94	6.22
-55	0.480	-6.38	1.82	1.52	-10	0.975	-0.22	7.98	6.28
-54	0.495	-6.11	2.09	1.62	-9	0.978	-0.20	8.00	6.31
-53	0.510	-5.85	2.35	1.72	-8	0.980	-0.18	8.02	6.35
-52	0.525	-5.60	2.60	1.82	-7	0.983	-0.15	8.05	6.38
-51	0.540	-5.35	2.85	1.93	-6	0.985	-0.13	8.07	6.41
-50	0.555	-5.11	3.09	2.04	-5	0.988	-0.11	8.09	6.44
-49	0.569	-4.90	3.30	2.14	-4	0.990	-0.09	8.11	6.48
-48	0.583	-4.69	3.51	2.25	-3	0.993	-0.07	8.13	6.51
-47	0.597	-4.48	3.72	2.35	-2	0.995	-0.04	8.16	6.54
-46	0.611	-4.28	3.92	2.47	-1	0.998	-0.02	8.18	6.57
					0	1.000	0.00	8.20	6.61



One CL-26 Log-periodic Antenna

Vertical plane Pattern

Broadband 54 - 88 MHz.

Gain: 8.2 dBd

Horizontal Polarization

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	8.20	6.61	45	0.625	-4.08	4.12	2.58
1	0.998	-0.02	8.18	6.57	46	0.611	-4.28	3.92	2.47
2	0.995	-0.04	8.16	6.54	47	0.597	-4.48	3.72	2.35
3	0.993	-0.07	8.13	6.51	48	0.583	-4.69	3.51	2.25
4	0.990	-0.09	8.11	6.48	49	0.569	-4.90	3.30	2.14
5	0.988	-0.11	8.09	6.44	50	0.555	-5.11	3.09	2.04
6	0.985	-0.13	8.07	6.41	51	0.540	-5.35	2.85	1.93
7	0.983	-0.15	8.05	6.38	52	0.525	-5.60	2.60	1.82
8	0.980	-0.18	8.02	6.35	53	0.510	-5.85	2.35	1.72
9	0.978	-0.20	8.00	6.31	54	0.495	-6.11	2.09	1.62
10	0.975	-0.22	7.98	6.28	55	0.480	-6.38	1.82	1.52
11	0.970	-0.26	7.94	6.22	56	0.462	-6.71	1.49	1.41
12	0.965	-0.31	7.89	6.15	57	0.444	-7.05	1.15	1.30
13	0.960	-0.35	7.85	6.09	58	0.426	-7.41	0.79	1.20
14	0.955	-0.40	7.80	6.03	59	0.408	-7.79	0.41	1.10
15	0.950	-0.45	7.75	5.96	60	0.390	-8.18	0.02	1.00
16	0.944	-0.51	7.69	5.88	61	0.372	-8.59	-0.39	0.91
17	0.937	-0.57	7.63	5.80	62	0.354	-9.02	-0.82	0.83
18	0.931	-0.63	7.57	5.72	63	0.336	-9.47	-1.27	0.75
19	0.924	-0.69	7.51	5.64	64	0.318	-9.95	-1.75	0.67
20	0.918	-0.75	7.45	5.56	65	0.300	-10.46	-2.26	0.59
21	0.907	-0.85	7.35	5.44	66	0.274	-11.24	-3.04	0.50
22	0.896	-0.95	7.25	5.31	67	0.248	-12.11	-3.91	0.41
23	0.886	-1.05	7.15	5.19	68	0.222	-13.07	-4.87	0.33
24	0.875	-1.15	7.05	5.06	69	0.196	-14.15	-5.95	0.25
25	0.865	-1.26	6.94	4.94	70	0.170	-15.39	-7.19	0.19
26	0.854	-1.37	6.83	4.82	71	0.150	-16.48	-8.28	0.15
27	0.843	-1.48	6.72	4.70	72	0.130	-17.72	-9.52	0.11
28	0.832	-1.60	6.60	4.57	73	0.110	-19.17	-10.97	0.08
29	0.821	-1.71	6.49	4.45	74	0.090	-20.92	-12.72	0.05
30	0.810	-1.83	6.37	4.33	75	0.070	-23.10	-14.90	0.03
31	0.799	-1.95	6.25	4.21	76	0.062	-24.15	-15.95	0.03
32	0.787	-2.08	6.12	4.09	77	0.054	-25.35	-17.15	0.02
33	0.775	-2.21	5.99	3.97	78	0.046	-26.74	-18.54	0.01
34	0.764	-2.34	5.86	3.86	79	0.038	-28.40	-20.20	0.01
35	0.752	-2.47	5.73	3.74	80	0.030	-30.46	-22.26	0.01
36	0.739	-2.62	5.58	3.61	81	0.028	-31.06	-22.86	0.01
37	0.726	-2.78	5.42	3.49	82	0.026	-31.70	-23.50	0.00
38	0.714	-2.93	5.27	3.36	83	0.024	-32.40	-24.20	0.00
39	0.701	-3.09	5.11	3.24	84	0.022	-33.15	-24.95	0.00
40	0.688	-3.25	4.95	3.12	85	0.020	-33.98	-25.78	0.00
41	0.675	-3.41	4.79	3.01	86	0.020	-33.98	-25.78	0.00
42	0.663	-3.58	4.62	2.90	87	0.020	-33.98	-25.78	0.00
43	0.650	-3.74	4.46	2.79	88	0.020	-33.98	-25.78	0.00
44	0.638	-3.91	4.29	2.69	89	0.020	-33.98	-25.78	0.00
					90	0.020	-33.98	-25.78	0.00