

Two CL-26 Log-periodic Antennas

Oriented at 36 & 324 degrees

Channel 4

Gain: 5.4 dBd (x 3.5)

Horizontal Polarization

Vertical Stacked 0.67 wavelength

Horizontal plane Pattern

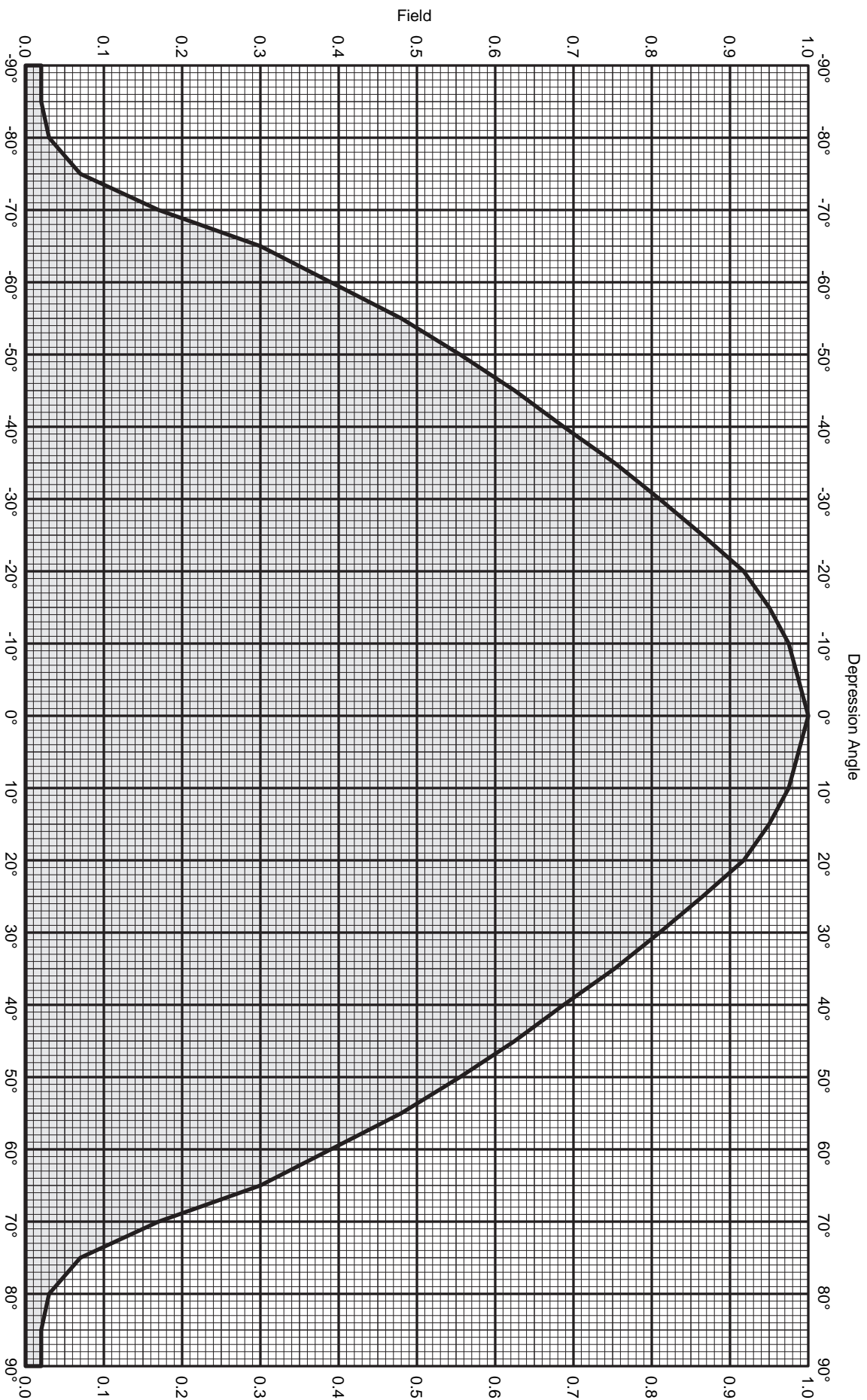
K46II



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.987	-0.11	5.29	3.38	180	0.038	-28.32	-22.92	0.01
5	0.986	-0.12	5.28	3.37	185	0.043	-27.43	-22.03	0.01
10	0.993	-0.06	5.34	3.42	190	0.046	-26.80	-21.40	0.01
15	0.999	-0.01	5.39	3.46	195	0.048	-26.38	-20.98	0.01
20	0.973	-0.24	5.16	3.28	200	0.049	-26.13	-20.73	0.01
25	0.938	-0.56	4.84	3.05	205	0.050	-25.97	-20.57	0.01
30	0.935	-0.58	4.82	3.03	210	0.051	-25.82	-20.42	0.01
35	0.941	-0.53	4.87	3.07	215	0.052	-25.66	-20.26	0.01
40	0.924	-0.69	4.71	2.96	220	0.051	-25.82	-20.42	0.01
45	0.888	-1.03	4.37	2.74	225	0.050	-25.97	-20.57	0.01
50	0.844	-1.48	3.92	2.47	230	0.050	-25.97	-20.57	0.01
55	0.787	-2.08	3.32	2.15	235	0.054	-25.36	-19.96	0.01
60	0.707	-3.02	2.38	1.73	240	0.057	-24.86	-19.46	0.01
65	0.624	-4.09	1.31	1.35	245	0.056	-25.00	-19.60	0.01
70	0.538	-5.38	0.02	1.01	250	0.049	-26.13	-20.73	0.01
75	0.448	-6.98	-1.58	0.70	255	0.051	-25.89	-20.49	0.01
80	0.367	-8.70	-3.30	0.47	260	0.069	-23.16	-17.76	0.02
85	0.293	-10.65	-5.25	0.30	265	0.122	-18.24	-12.84	0.05
90	0.209	-13.58	-8.18	0.15	270	0.209	-13.58	-8.18	0.15
95	0.122	-18.24	-12.84	0.05	275	0.293	-10.65	-5.25	0.30
100	0.069	-23.16	-17.76	0.02	280	0.367	-8.70	-3.30	0.47
105	0.051	-25.89	-20.49	0.01	285	0.448	-6.98	-1.58	0.70
110	0.049	-26.13	-20.73	0.01	290	0.538	-5.38	0.02	1.01
115	0.056	-25.00	-19.60	0.01	295	0.624	-4.09	1.31	1.35
120	0.057	-24.86	-19.46	0.01	300	0.707	-3.02	2.38	1.73
125	0.054	-25.36	-19.96	0.01	305	0.787	-2.08	3.32	2.15
130	0.050	-25.97	-20.57	0.01	310	0.844	-1.48	3.92	2.47
135	0.050	-25.97	-20.57	0.01	315	0.888	-1.03	4.37	2.74
140	0.051	-25.82	-20.42	0.01	320	0.924	-0.69	4.71	2.96
145	0.052	-25.66	-20.26	0.01	325	0.941	-0.53	4.87	3.07
150	0.051	-25.82	-20.42	0.01	330	0.935	-0.58	4.82	3.03
155	0.050	-25.97	-20.57	0.01	335	0.938	-0.56	4.84	3.05
160	0.049	-26.13	-20.73	0.01	340	0.973	-0.24	5.16	3.28
165	0.048	-26.38	-20.98	0.01	345	0.999	-0.01	5.39	3.46
170	0.046	-26.80	-21.40	0.01	350	0.993	-0.06	5.34	3.42
175	0.043	-27.43	-22.03	0.01	355	0.986	-0.12	5.28	3.37



KATHREIN
SCALA DIVISION

Post Office Box 4580
Medford, OR 97501 (USA)
Phone: (541) 779-6500
Fax: (541) 779-3991
<http://www.kathrein-scala.com>

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-90	0.020	-33.98	-28.58	0.00	-45	0.625	-4.08	1.32	1.35
-89	0.020	-33.98	-28.58	0.00	-44	0.638	-3.91	1.49	1.41
-88	0.020	-33.98	-28.58	0.00	-43	0.650	-3.74	1.66	1.46
-87	0.020	-33.98	-28.58	0.00	-42	0.663	-3.58	1.82	1.52
-86	0.020	-33.98	-28.58	0.00	-41	0.675	-3.41	1.99	1.58
-85	0.020	-33.98	-28.58	0.00	-40	0.688	-3.25	2.15	1.64
-84	0.022	-33.15	-27.75	0.00	-39	0.701	-3.09	2.31	1.70
-83	0.024	-32.40	-27.00	0.00	-38	0.714	-2.93	2.47	1.77
-82	0.026	-31.70	-26.30	0.00	-37	0.726	-2.78	2.62	1.83
-81	0.028	-31.06	-25.66	0.00	-36	0.739	-2.62	2.78	1.90
-80	0.030	-30.46	-25.06	0.00	-35	0.752	-2.47	2.93	1.96
-79	0.038	-28.40	-23.00	0.01	-34	0.764	-2.34	3.06	2.02
-78	0.046	-26.74	-21.34	0.01	-33	0.775	-2.21	3.19	2.09
-77	0.054	-25.35	-19.95	0.01	-32	0.787	-2.08	3.32	2.15
-76	0.062	-24.15	-18.75	0.01	-31	0.799	-1.95	3.45	2.21
-75	0.070	-23.10	-17.70	0.02	-30	0.810	-1.83	3.57	2.27
-74	0.090	-20.92	-15.52	0.03	-29	0.821	-1.71	3.69	2.34
-73	0.110	-19.17	-13.77	0.04	-28	0.832	-1.60	3.80	2.40
-72	0.130	-17.72	-12.32	0.06	-27	0.843	-1.48	3.92	2.46
-71	0.150	-16.48	-11.08	0.08	-26	0.854	-1.37	4.03	2.53
-70	0.170	-15.39	-9.99	0.10	-25	0.865	-1.26	4.14	2.59
-69	0.196	-14.15	-8.75	0.13	-24	0.875	-1.15	4.25	2.66
-68	0.222	-13.07	-7.67	0.17	-23	0.886	-1.05	4.35	2.72
-67	0.248	-12.11	-6.71	0.21	-22	0.896	-0.95	4.45	2.79
-66	0.274	-11.24	-5.84	0.26	-21	0.907	-0.85	4.55	2.85
-65	0.300	-10.46	-5.06	0.31	-20	0.918	-0.75	4.65	2.92
-64	0.318	-9.95	-4.55	0.35	-19	0.924	-0.69	4.71	2.96
-63	0.336	-9.47	-4.07	0.39	-18	0.931	-0.63	4.77	3.00
-62	0.354	-9.02	-3.62	0.43	-17	0.937	-0.57	4.83	3.04
-61	0.372	-8.59	-3.19	0.48	-16	0.944	-0.51	4.89	3.09
-60	0.390	-8.18	-2.78	0.53	-15	0.950	-0.45	4.95	3.13
-59	0.408	-7.79	-2.39	0.58	-14	0.955	-0.40	5.00	3.16
-58	0.426	-7.41	-2.01	0.63	-13	0.960	-0.35	5.05	3.20
-57	0.444	-7.05	-1.65	0.68	-12	0.965	-0.31	5.09	3.23
-56	0.462	-6.71	-1.31	0.74	-11	0.970	-0.26	5.14	3.26
-55	0.480	-6.38	-0.98	0.80	-10	0.975	-0.22	5.18	3.30
-54	0.495	-6.11	-0.71	0.85	-9	0.978	-0.20	5.20	3.31
-53	0.510	-5.85	-0.45	0.90	-8	0.980	-0.18	5.22	3.33
-52	0.525	-5.60	-0.20	0.96	-7	0.983	-0.15	5.25	3.35
-51	0.540	-5.35	0.05	1.01	-6	0.985	-0.13	5.27	3.36
-50	0.555	-5.11	0.29	1.07	-5	0.988	-0.11	5.29	3.38
-49	0.569	-4.90	0.50	1.12	-4	0.990	-0.09	5.31	3.40
-48	0.583	-4.69	0.71	1.18	-3	0.993	-0.07	5.33	3.42
-47	0.597	-4.48	0.92	1.24	-2	0.995	-0.04	5.36	3.43
-46	0.611	-4.28	1.12	1.29	-1	0.998	-0.02	5.38	3.45
					0	1.000	0.00	5.40	3.47



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0	1.000	0.00	5.40	3.47	45	0.625	-4.08	1.32	1.35
1	0.998	-0.02	5.38	3.45	46	0.611	-4.28	1.12	1.29
2	0.995	-0.04	5.36	3.43	47	0.597	-4.48	0.92	1.24
3	0.993	-0.07	5.33	3.42	48	0.583	-4.69	0.71	1.18
4	0.990	-0.09	5.31	3.40	49	0.569	-4.90	0.50	1.12
5	0.988	-0.11	5.29	3.38	50	0.555	-5.11	0.29	1.07
6	0.985	-0.13	5.27	3.36	51	0.540	-5.35	0.05	1.01
7	0.983	-0.15	5.25	3.35	52	0.525	-5.60	-0.20	0.96
8	0.980	-0.18	5.22	3.33	53	0.510	-5.85	-0.45	0.90
9	0.978	-0.20	5.20	3.31	54	0.495	-6.11	-0.71	0.85
10	0.975	-0.22	5.18	3.30	55	0.480	-6.38	-0.98	0.80
11	0.970	-0.26	5.14	3.26	56	0.462	-6.71	-1.31	0.74
12	0.965	-0.31	5.09	3.23	57	0.444	-7.05	-1.65	0.68
13	0.960	-0.35	5.05	3.20	58	0.426	-7.41	-2.01	0.63
14	0.955	-0.40	5.00	3.16	59	0.408	-7.79	-2.39	0.58
15	0.950	-0.45	4.95	3.13	60	0.390	-8.18	-2.78	0.53
16	0.944	-0.51	4.89	3.09	61	0.372	-8.59	-3.19	0.48
17	0.937	-0.57	4.83	3.04	62	0.354	-9.02	-3.62	0.43
18	0.931	-0.63	4.77	3.00	63	0.336	-9.47	-4.07	0.39
19	0.924	-0.69	4.71	2.96	64	0.318	-9.95	-4.55	0.35
20	0.918	-0.75	4.65	2.92	65	0.300	-10.46	-5.06	0.31
21	0.907	-0.85	4.55	2.85	66	0.274	-11.24	-5.84	0.26
22	0.896	-0.95	4.45	2.79	67	0.248	-12.11	-6.71	0.21
23	0.886	-1.05	4.35	2.72	68	0.222	-13.07	-7.67	0.17
24	0.875	-1.15	4.25	2.66	69	0.196	-14.15	-8.75	0.13
25	0.865	-1.26	4.14	2.59	70	0.170	-15.39	-9.99	0.10
26	0.854	-1.37	4.03	2.53	71	0.150	-16.48	-11.08	0.08
27	0.843	-1.48	3.92	2.46	72	0.130	-17.72	-12.32	0.06
28	0.832	-1.60	3.80	2.40	73	0.110	-19.17	-13.77	0.04
29	0.821	-1.71	3.69	2.34	74	0.090	-20.92	-15.52	0.03
30	0.810	-1.83	3.57	2.27	75	0.070	-23.10	-17.70	0.02
31	0.799	-1.95	3.45	2.21	76	0.062	-24.15	-18.75	0.01
32	0.787	-2.08	3.32	2.15	77	0.054	-25.35	-19.95	0.01
33	0.775	-2.21	3.19	2.09	78	0.046	-26.74	-21.34	0.01
34	0.764	-2.34	3.06	2.02	79	0.038	-28.40	-23.00	0.01
35	0.752	-2.47	2.93	1.96	80	0.030	-30.46	-25.06	0.00
36	0.739	-2.62	2.78	1.90	81	0.028	-31.06	-25.66	0.00
37	0.726	-2.78	2.62	1.83	82	0.026	-31.70	-26.30	0.00
38	0.714	-2.93	2.47	1.77	83	0.024	-32.40	-27.00	0.00
39	0.701	-3.09	2.31	1.70	84	0.022	-33.15	-27.75	0.00
40	0.688	-3.25	2.15	1.64	85	0.020	-33.98	-28.58	0.00
41	0.675	-3.41	1.99	1.58	86	0.020	-33.98	-28.58	0.00
42	0.663	-3.58	1.82	1.52	87	0.020	-33.98	-28.58	0.00
43	0.650	-3.74	1.66	1.46	88	0.020	-33.98	-28.58	0.00
44	0.638	-3.91	1.49	1.41	89	0.020	-33.98	-28.58	0.00
					90	0.020	-33.98	-28.58	0.00