



Three CL-FM/VRM/50N Log-periodic Antenna
 Oriented at 0 degrees
 Frequency: 104.5 MHz
 Gain: 10.9 dBd (x 12.3)

Vertical Polarization
 Vertical stacked 0.87 wavelength
 Vertical plane Pattern
 K283CL

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	10.90	12.30	45	0.060	-24.46	-13.56	0.04
1	0.993	-0.06	10.84	12.13	46	0.046	-26.77	-15.87	0.03
2	0.980	-0.18	10.72	11.82	47	0.033	-29.70	-18.80	0.01
3	0.961	-0.34	10.56	11.37	48	0.021	-33.70	-22.80	0.01
4	0.937	-0.57	10.33	10.80	49	0.010	-40.00	-29.10	0.00
5	0.907	-0.85	10.05	10.13	50	0.010	-40.00	-29.10	0.00
6	0.871	-1.20	9.70	9.33	51	0.010	-40.00	-29.10	0.00
7	0.830	-1.62	9.28	8.48	52	0.015	-36.49	-25.59	0.00
8	0.785	-2.10	8.80	7.59	53	0.021	-33.73	-22.83	0.01
9	0.737	-2.65	8.25	6.68	54	0.025	-32.11	-21.21	0.01
10	0.685	-3.28	7.62	5.78	55	0.028	-31.17	-20.27	0.01
11	0.628	-4.04	6.86	4.86	56	0.030	-30.43	-19.53	0.01
12	0.570	-4.89	6.01	3.99	57	0.032	-30.03	-19.13	0.01
13	0.510	-5.84	5.06	3.20	58	0.032	-29.93	-19.03	0.01
14	0.450	-6.93	3.97	2.50	59	0.031	-30.11	-19.21	0.01
15	0.391	-8.16	2.74	1.88	60	0.030	-30.59	-19.69	0.01
16	0.331	-9.61	1.29	1.35	61	0.029	-30.70	-19.80	0.01
17	0.273	-11.29	-0.39	0.91	62	0.028	-30.99	-20.09	0.01
18	0.216	-13.29	-2.39	0.58	63	0.027	-31.46	-20.56	0.01
19	0.163	-15.76	-4.86	0.33	64	0.025	-32.14	-21.24	0.01
20	0.112	-18.98	-8.08	0.16	65	0.022	-33.08	-22.18	0.01
21	0.065	-23.73	-12.83	0.05	66	0.021	-33.67	-22.77	0.01
22	0.021	-33.36	-22.46	0.01	67	0.019	-34.43	-23.53	0.00
23	0.018	-34.82	-23.92	0.00	68	0.017	-35.41	-24.51	0.00
24	0.054	-25.40	-14.50	0.04	69	0.015	-36.66	-25.76	0.00
25	0.085	-21.40	-10.50	0.09	70	0.012	-38.31	-27.41	0.00
26	0.112	-19.00	-8.10	0.16	71	0.011	-38.95	-28.05	0.00
27	0.135	-17.38	-6.48	0.22	72	0.010	-39.73	-28.83	0.00
28	0.154	-16.26	-5.36	0.29	73	0.010	-40.00	-29.10	0.00
29	0.169	-15.46	-4.56	0.35	74	0.010	-40.00	-29.10	0.00
30	0.180	-14.91	-4.01	0.40	75	0.010	-40.00	-29.10	0.00
31	0.187	-14.54	-3.64	0.43	76	0.010	-40.00	-29.10	0.00
32	0.192	-14.34	-3.44	0.45	77	0.010	-40.00	-29.10	0.00
33	0.193	-14.28	-3.38	0.46	78	0.010	-40.00	-29.10	0.00
34	0.192	-14.35	-3.45	0.45	79	0.010	-40.00	-29.10	0.00
35	0.187	-14.54	-3.64	0.43	80	0.010	-40.00	-29.10	0.00
36	0.180	-14.87	-3.97	0.40	81	0.010	-40.00	-29.10	0.00
37	0.171	-15.32	-4.42	0.36	82	0.010	-40.00	-29.10	0.00
38	0.161	-15.89	-4.99	0.32	83	0.010	-40.00	-29.10	0.00
39	0.148	-16.57	-5.67	0.27	84	0.010	-40.00	-29.10	0.00
40	0.135	-17.38	-6.48	0.22	85	0.010	-40.00	-29.10	0.00
41	0.120	-18.39	-7.49	0.18	86	0.010	-40.00	-29.10	0.00
42	0.105	-19.57	-8.67	0.14	87	0.010	-40.00	-29.10	0.00
43	0.090	-20.95	-10.05	0.10	88	0.010	-40.00	-29.10	0.00
44	0.075	-22.55	-11.65	0.07	89	0.010	-40.00	-29.10	0.00
					90	0.010	-40.00	-29.10	0.00