



Four CL-1469B Log-periodic Antennas

Oriented two at 0 deg w/25% power

two at 95 deg w/75% power

Gain: 8.7 dBd.

1/4 wave offset for reduced rear lobe

Horizontal Polarization

Vertical Stack

Horizontal plane Pattern



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 Horizontal Polarization
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 Horizontal plane Pattern

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.582	-4.71	3.99	2.51	180	0.010	-40.00	-31.30	0.00
5	0.573	-4.84	3.86	2.43	185	0.010	-40.00	-31.30	0.00
10	0.552	-5.16	3.54	2.26	190	0.010	-40.00	-31.30	0.00
15	0.518	-5.72	2.98	1.99	195	0.010	-40.00	-31.30	0.00
20	0.475	-6.47	2.23	1.67	200	0.010	-40.00	-31.30	0.00
25	0.423	-7.47	1.23	1.33	205	0.010	-40.00	-31.30	0.00
30	0.364	-8.77	-0.07	0.98	210	0.010	-40.00	-31.30	0.00
35	0.292	-10.68	-1.98	0.63	215	0.010	-40.00	-31.30	0.00
40	0.218	-13.22	-4.52	0.35	220	0.010	-40.00	-31.30	0.00
45	0.207	-13.68	-4.98	0.32	225	0.010	-40.00	-31.30	0.00
50	0.263	-11.59	-2.89	0.51	230	0.010	-40.00	-31.30	0.00
55	0.362	-8.83	-0.13	0.97	235	0.010	-40.00	-31.30	0.00
60	0.496	-6.09	2.61	1.82	240	0.010	-40.00	-31.30	0.00
65	0.621	-4.14	4.56	2.86	245	0.010	-40.00	-31.30	0.00
70	0.723	-2.82	5.88	3.87	250	0.010	-40.00	-31.30	0.00
75	0.813	-1.80	6.90	4.90	255	0.010	-40.00	-31.30	0.00
80	0.887	-1.04	7.66	5.84	260	0.010	-40.00	-31.30	0.00
85	0.947	-0.47	8.23	6.65	265	0.010	-40.00	-31.30	0.00
90	0.984	-0.14	8.56	7.18	270	0.010	-40.00	-31.30	0.00
95	1.000	0.00	8.70	7.41	275	0.010	-40.00	-31.30	0.00
100	0.983	-0.15	8.55	7.17	280	0.010	-40.00	-31.30	0.00
105	0.946	-0.48	8.22	6.63	285	0.010	-40.00	-31.30	0.00
110	0.886	-1.05	7.65	5.81	290	0.010	-40.00	-31.30	0.00
115	0.811	-1.82	6.88	4.87	295	0.010	-40.00	-31.30	0.00
120	0.720	-2.85	5.85	3.84	300	0.010	-40.00	-31.30	0.00
125	0.618	-4.19	4.51	2.83	305	0.010	-40.00	-31.30	0.00
130	0.492	-6.16	2.54	1.80	310	0.049	-26.21	-17.51	0.02
135	0.355	-9.00	-0.30	0.93	315	0.126	-17.96	-9.26	0.12
140	0.217	-13.28	-4.58	0.35	320	0.206	-13.71	-5.01	0.32
145	0.083	-21.60	-12.90	0.05	325	0.286	-10.87	-2.17	0.61
150	0.015	-36.64	-27.94	0.00	330	0.359	-8.90	-0.20	0.95
155	0.010	-40.00	-31.30	0.00	335	0.418	-7.57	1.13	1.30
160	0.010	-40.00	-31.30	0.00	340	0.471	-6.54	2.16	1.64
165	0.010	-40.00	-31.30	0.00	345	0.515	-5.77	2.93	1.96
170	0.010	-40.00	-31.30	0.00	350	0.550	-5.20	3.50	2.24
175	0.010	-40.00	-31.30	0.00	355	0.572	-4.86	3.84	2.42