



CL-FMRX Log-periodic

Vertical radiation pattern

FM

6.5 dBd (8.65 dBi)

Vertical polarization



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.010	-40.00	-33.50	0.00	-45	0.360	-8.87	-2.37	0.58
-89	0.010	-40.00	-33.50	0.00	-44	0.382	-8.36	-1.86	0.65
-88	0.010	-40.00	-33.50	0.00	-43	0.404	-7.87	-1.37	0.73
-87	0.010	-40.00	-33.50	0.00	-42	0.426	-7.41	-0.91	0.81
-86	0.010	-40.00	-33.50	0.00	-41	0.448	-6.97	-0.47	0.90
-85	0.010	-40.00	-33.50	0.00	-40	0.470	-6.56	-0.06	0.99
-84	0.010	-40.00	-33.50	0.00	-39	0.488	-6.22	0.28	1.07
-83	0.010	-40.00	-33.50	0.00	-38	0.507	-5.90	0.60	1.15
-82	0.010	-40.00	-33.50	0.00	-37	0.525	-5.59	0.91	1.23
-81	0.010	-40.00	-33.50	0.00	-36	0.544	-5.29	1.21	1.32
-80	0.010	-40.00	-33.50	0.00	-35	0.562	-5.00	1.50	1.41
-79	0.010	-40.00	-33.50	0.00	-34	0.579	-4.75	1.75	1.50
-78	0.010	-40.00	-33.50	0.00	-33	0.595	-4.50	2.00	1.58
-77	0.010	-40.00	-33.50	0.00	-32	0.612	-4.26	2.24	1.67
-76	0.010	-40.00	-33.50	0.00	-31	0.628	-4.03	2.47	1.76
-75	0.010	-40.00	-33.50	0.00	-30	0.645	-3.81	2.69	1.86
-74	0.012	-38.42	-31.92	0.00	-29	0.663	-3.57	2.93	1.96
-73	0.014	-37.08	-30.58	0.00	-28	0.681	-3.34	3.16	2.07
-72	0.016	-35.92	-29.42	0.00	-27	0.699	-3.11	3.39	2.18
-71	0.018	-34.89	-28.39	0.00	-26	0.717	-2.89	3.61	2.30
-70	0.020	-33.98	-27.48	0.00	-25	0.735	-2.67	3.83	2.41
-69	0.025	-32.04	-25.54	0.00	-24	0.752	-2.48	4.02	2.53
-68	0.030	-30.46	-23.96	0.00	-23	0.769	-2.28	4.22	2.64
-67	0.035	-29.12	-22.62	0.01	-22	0.786	-2.09	4.41	2.76
-66	0.040	-27.96	-21.46	0.01	-21	0.803	-1.91	4.59	2.88
-65	0.045	-26.94	-20.44	0.01	-20	0.820	-1.72	4.78	3.00
-64	0.053	-25.51	-19.01	0.01	-19	0.835	-1.57	4.93	3.11
-63	0.061	-24.29	-17.79	0.02	-18	0.850	-1.41	5.09	3.23
-62	0.069	-23.22	-16.72	0.02	-17	0.865	-1.26	5.24	3.34
-61	0.077	-22.27	-15.77	0.03	-16	0.880	-1.11	5.39	3.46
-60	0.085	-21.41	-14.91	0.03	-15	0.895	-0.96	5.54	3.58
-59	0.099	-20.09	-13.59	0.04	-14	0.906	-0.86	5.64	3.67
-58	0.113	-18.94	-12.44	0.06	-13	0.917	-0.75	5.75	3.76
-57	0.127	-17.92	-11.42	0.07	-12	0.928	-0.65	5.85	3.85
-56	0.141	-17.02	-10.52	0.09	-11	0.939	-0.55	5.95	3.94
-55	0.155	-16.19	-9.69	0.11	-10	0.950	-0.45	6.05	4.03
-54	0.174	-15.19	-8.69	0.14	-9	0.956	-0.39	6.11	4.08
-53	0.193	-14.29	-7.79	0.17	-8	0.962	-0.34	6.16	4.13
-52	0.212	-13.47	-6.97	0.20	-7	0.968	-0.28	6.22	4.19
-51	0.231	-12.73	-6.23	0.24	-6	0.974	-0.23	6.27	4.24
-50	0.250	-12.04	-5.54	0.28	-5	0.980	-0.18	6.32	4.29
-49	0.272	-11.31	-4.81	0.33	-4	0.984	-0.14	6.36	4.33
-48	0.294	-10.63	-4.13	0.39	-3	0.988	-0.10	6.40	4.36
-47	0.316	-10.01	-3.51	0.45	-2	0.992	-0.07	6.43	4.40
-46	0.338	-9.42	-2.92	0.51	-1	0.996	-0.03	6.47	4.43
					0	1.000	0.00	6.50	4.47



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0	1.000	0.00	6.50	4.47	45	0.360	-8.87	-2.37	0.58
1	0.996	-0.03	6.47	4.43	46	0.338	-9.42	-2.92	0.51
2	0.992	-0.07	6.43	4.40	47	0.316	-10.01	-3.51	0.45
3	0.988	-0.10	6.40	4.36	48	0.294	-10.63	-4.13	0.39
4	0.984	-0.14	6.36	4.33	49	0.272	-11.31	-4.81	0.33
5	0.980	-0.18	6.32	4.29	50	0.250	-12.04	-5.54	0.28
6	0.974	-0.23	6.27	4.24	51	0.231	-12.73	-6.23	0.24
7	0.968	-0.28	6.22	4.19	52	0.212	-13.47	-6.97	0.20
8	0.962	-0.34	6.16	4.13	53	0.193	-14.29	-7.79	0.17
9	0.956	-0.39	6.11	4.08	54	0.174	-15.19	-8.69	0.14
10	0.950	-0.45	6.05	4.03	55	0.155	-16.19	-9.69	0.11
11	0.939	-0.55	5.95	3.94	56	0.141	-17.02	-10.52	0.09
12	0.928	-0.65	5.85	3.85	57	0.127	-17.92	-11.42	0.07
13	0.917	-0.75	5.75	3.76	58	0.113	-18.94	-12.44	0.06
14	0.906	-0.86	5.64	3.67	59	0.099	-20.09	-13.59	0.04
15	0.895	-0.96	5.54	3.58	60	0.085	-21.41	-14.91	0.03
16	0.880	-1.11	5.39	3.46	61	0.077	-22.27	-15.77	0.03
17	0.865	-1.26	5.24	3.34	62	0.069	-23.22	-16.72	0.02
18	0.850	-1.41	5.09	3.23	63	0.061	-24.29	-17.79	0.02
19	0.835	-1.57	4.93	3.11	64	0.053	-25.51	-19.01	0.01
20	0.820	-1.72	4.78	3.00	65	0.045	-26.94	-20.44	0.01
21	0.803	-1.91	4.59	2.88	66	0.040	-27.96	-21.46	0.01
22	0.786	-2.09	4.41	2.76	67	0.035	-29.12	-22.62	0.01
23	0.769	-2.28	4.22	2.64	68	0.030	-30.46	-23.96	0.00
24	0.752	-2.48	4.02	2.53	69	0.025	-32.04	-25.54	0.00
25	0.735	-2.67	3.83	2.41	70	0.020	-33.98	-27.48	0.00
26	0.717	-2.89	3.61	2.30	71	0.018	-34.89	-28.39	0.00
27	0.699	-3.11	3.39	2.18	72	0.016	-35.92	-29.42	0.00
28	0.681	-3.34	3.16	2.07	73	0.014	-37.08	-30.58	0.00
29	0.663	-3.57	2.93	1.96	74	0.012	-38.42	-31.92	0.00
30	0.645	-3.81	2.69	1.86	75	0.010	-40.00	-33.50	0.00
31	0.628	-4.03	2.47	1.76	76	0.010	-40.00	-33.50	0.00
32	0.612	-4.26	2.24	1.67	77	0.010	-40.00	-33.50	0.00
33	0.595	-4.50	2.00	1.58	78	0.010	-40.00	-33.50	0.00
34	0.579	-4.75	1.75	1.50	79	0.010	-40.00	-33.50	0.00
35	0.562	-5.00	1.50	1.41	80	0.010	-40.00	-33.50	0.00
36	0.544	-5.29	1.21	1.32	81	0.010	-40.00	-33.50	0.00
37	0.525	-5.59	0.91	1.23	82	0.010	-40.00	-33.50	0.00
38	0.507	-5.90	0.60	1.15	83	0.010	-40.00	-33.50	0.00
39	0.488	-6.22	0.28	1.07	84	0.010	-40.00	-33.50	0.00
40	0.470	-6.56	-0.06	0.99	85	0.010	-40.00	-33.50	0.00
41	0.448	-6.97	-0.47	0.90	86	0.010	-40.00	-33.50	0.00
42	0.426	-7.41	-0.91	0.81	87	0.010	-40.00	-33.50	0.00
43	0.404	-7.87	-1.37	0.73	88	0.010	-40.00	-33.50	0.00
44	0.382	-8.36	-1.86	0.65	89	0.010	-40.00	-33.50	0.00
					90	0.010	-40.00	-33.50	0.00