



CL-FM

FM

Maximum gain: 7.0 dBd

Horizontal polarization

Vertical radiation pattern
0 degree electrical downtilt



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.030	-30.46	-23.46	0.00	-45	0.618	-4.19	2.81	1.91
-89	0.030	-30.46	-23.46	0.00	-44	0.632	-3.99	3.01	2.00
-88	0.030	-30.46	-23.46	0.00	-43	0.646	-3.79	3.21	2.09
-87	0.030	-30.46	-23.46	0.00	-42	0.661	-3.60	3.40	2.19
-86	0.030	-30.46	-23.46	0.00	-41	0.675	-3.41	3.59	2.29
-85	0.030	-30.46	-23.46	0.00	-40	0.690	-3.22	3.78	2.39
-84	0.034	-29.37	-22.37	0.01	-39	0.704	-3.05	3.95	2.48
-83	0.038	-28.40	-21.40	0.01	-38	0.716	-2.90	4.10	2.57
-82	0.042	-27.54	-20.54	0.01	-37	0.729	-2.74	4.26	2.67
-81	0.046	-26.74	-19.74	0.01	-36	0.742	-2.59	4.41	2.76
-80	0.050	-26.02	-19.02	0.01	-35	0.756	-2.44	4.56	2.86
-79	0.062	-24.15	-17.15	0.02	-34	0.767	-2.30	4.70	2.95
-78	0.074	-22.62	-15.62	0.03	-33	0.781	-2.15	4.85	3.05
-77	0.086	-21.31	-14.31	0.04	-32	0.793	-2.02	4.98	3.15
-76	0.098	-20.18	-13.18	0.05	-31	0.806	-1.88	5.12	3.25
-75	0.110	-19.17	-12.17	0.06	-30	0.817	-1.75	5.25	3.35
-74	0.126	-17.99	-10.99	0.08	-29	0.829	-1.63	5.37	3.44
-73	0.142	-16.95	-9.95	0.10	-28	0.840	-1.52	5.48	3.53
-72	0.158	-16.03	-9.03	0.13	-27	0.851	-1.41	5.59	3.63
-71	0.174	-15.19	-8.19	0.15	-26	0.862	-1.29	5.71	3.72
-70	0.190	-14.42	-7.42	0.18	-25	0.873	-1.18	5.82	3.82
-69	0.212	-13.47	-6.47	0.23	-24	0.882	-1.10	5.90	3.89
-68	0.234	-12.62	-5.62	0.27	-23	0.890	-1.01	5.99	3.97
-67	0.256	-11.84	-4.84	0.33	-22	0.899	-0.92	6.08	4.05
-66	0.278	-11.12	-4.12	0.39	-21	0.908	-0.84	6.16	4.13
-65	0.300	-10.46	-3.46	0.45	-20	0.916	-0.76	6.24	4.21
-64	0.318	-9.95	-2.95	0.51	-19	0.923	-0.69	6.31	4.27
-63	0.336	-9.47	-2.47	0.57	-18	0.931	-0.62	6.38	4.34
-62	0.354	-9.02	-2.02	0.63	-17	0.938	-0.56	6.44	4.41
-61	0.372	-8.59	-1.59	0.69	-16	0.946	-0.49	6.51	4.48
-60	0.390	-8.18	-1.18	0.76	-15	0.952	-0.42	6.58	4.55
-59	0.405	-7.84	-0.84	0.82	-14	0.958	-0.37	6.63	4.60
-58	0.421	-7.51	-0.51	0.89	-13	0.964	-0.32	6.68	4.65
-57	0.436	-7.20	-0.20	0.95	-12	0.969	-0.27	6.73	4.71
-56	0.452	-6.90	0.10	1.02	-11	0.975	-0.22	6.78	4.76
-55	0.467	-6.60	0.40	1.10	-10	0.980	-0.18	6.82	4.81
-54	0.483	-6.33	0.67	1.17	-9	0.982	-0.15	6.85	4.84
-53	0.498	-6.06	0.94	1.24	-8	0.985	-0.13	6.87	4.87
-52	0.513	-5.80	1.20	1.32	-7	0.988	-0.10	6.90	4.89
-51	0.528	-5.54	1.46	1.40	-6	0.991	-0.08	6.92	4.92
-50	0.544	-5.30	1.70	1.48	-5	0.993	-0.06	6.94	4.95
-49	0.558	-5.06	1.94	1.56	-4	0.995	-0.04	6.96	4.96
-48	0.573	-4.84	2.16	1.65	-3	0.996	-0.03	6.97	4.97
-47	0.588	-4.61	2.39	1.73	-2	0.997	-0.02	6.98	4.99
-46	0.602	-4.40	2.60	1.82	-1	0.998	-0.01	6.99	5.00
					0	1.000	0.00	7.00	5.01



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0	1.000	0.00	7.00	5.01	45	0.618	-4.19	2.81	1.91
1	0.998	-0.01	6.99	5.00	46	0.602	-4.40	2.60	1.82
2	0.997	-0.02	6.98	4.99	47	0.588	-4.61	2.39	1.73
3	0.996	-0.03	6.97	4.97	48	0.573	-4.84	2.16	1.65
4	0.995	-0.04	6.96	4.96	49	0.558	-5.06	1.94	1.56
5	0.993	-0.06	6.94	4.95	50	0.544	-5.30	1.70	1.48
6	0.991	-0.08	6.92	4.92	51	0.528	-5.54	1.46	1.40
7	0.988	-0.10	6.90	4.89	52	0.513	-5.80	1.20	1.32
8	0.985	-0.13	6.87	4.87	53	0.498	-6.06	0.94	1.24
9	0.982	-0.15	6.85	4.84	54	0.483	-6.33	0.67	1.17
10	0.980	-0.18	6.82	4.81	55	0.467	-6.60	0.40	1.10
11	0.975	-0.22	6.78	4.76	56	0.452	-6.90	0.10	1.02
12	0.969	-0.27	6.73	4.71	57	0.436	-7.20	-0.20	0.95
13	0.964	-0.32	6.68	4.65	58	0.421	-7.51	-0.51	0.89
14	0.958	-0.37	6.63	4.60	59	0.405	-7.84	-0.84	0.82
15	0.952	-0.42	6.58	4.55	60	0.390	-8.18	-1.18	0.76
16	0.946	-0.49	6.51	4.48	61	0.372	-8.59	-1.59	0.69
17	0.938	-0.56	6.44	4.41	62	0.354	-9.02	-2.02	0.63
18	0.931	-0.62	6.38	4.34	63	0.336	-9.47	-2.47	0.57
19	0.923	-0.69	6.31	4.27	64	0.318	-9.95	-2.95	0.51
20	0.916	-0.76	6.24	4.21	65	0.300	-10.46	-3.46	0.45
21	0.908	-0.84	6.16	4.13	66	0.278	-11.12	-4.12	0.39
22	0.899	-0.92	6.08	4.05	67	0.256	-11.84	-4.84	0.33
23	0.890	-1.01	5.99	3.97	68	0.234	-12.62	-5.62	0.27
24	0.882	-1.10	5.90	3.89	69	0.212	-13.47	-6.47	0.23
25	0.873	-1.18	5.82	3.82	70	0.190	-14.42	-7.42	0.18
26	0.862	-1.29	5.71	3.72	71	0.174	-15.19	-8.19	0.15
27	0.851	-1.41	5.59	3.63	72	0.158	-16.03	-9.03	0.13
28	0.840	-1.52	5.48	3.53	73	0.142	-16.95	-9.95	0.10
29	0.829	-1.63	5.37	3.44	74	0.126	-17.99	-10.99	0.08
30	0.817	-1.75	5.25	3.35	75	0.110	-19.17	-12.17	0.06
31	0.806	-1.88	5.12	3.25	76	0.098	-20.18	-13.18	0.05
32	0.793	-2.02	4.98	3.15	77	0.086	-21.31	-14.31	0.04
33	0.781	-2.15	4.85	3.05	78	0.074	-22.62	-15.62	0.03
34	0.767	-2.30	4.70	2.95	79	0.062	-24.15	-17.15	0.02
35	0.756	-2.44	4.56	2.86	80	0.050	-26.02	-19.02	0.01
36	0.742	-2.59	4.41	2.76	81	0.046	-26.74	-19.74	0.01
37	0.729	-2.74	4.26	2.67	82	0.042	-27.54	-20.54	0.01
38	0.716	-2.90	4.10	2.57	83	0.038	-28.40	-21.40	0.01
39	0.704	-3.05	3.95	2.48	84	0.034	-29.37	-22.37	0.01
40	0.690	-3.22	3.78	2.39	85	0.030	-30.46	-23.46	0.00
41	0.675	-3.41	3.59	2.29	86	0.030	-30.46	-23.46	0.00
42	0.661	-3.60	3.40	2.19	87	0.030	-30.46	-23.46	0.00
43	0.646	-3.79	3.21	2.09	88	0.030	-30.46	-23.46	0.00
44	0.632	-3.99	3.01	2.00	89	0.030	-30.46	-23.46	0.00
					90	0.030	-30.46	-23.46	0.00