One CA2-FM/50N Yagi

45 deg slant

Gain: 1.0 dBd (x 1.25)

Vertical plane Pattern

Field

Depression Angle

One CA2-FM/50N Yagi

45 deg slant

Gain: 1.0 dBd (x 1.25)

Vertical plane Pattern

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.050	-26.02	-25.02	0.00	-45	0.595	-4.51	-3.51	0.45
-89	0.051	-25.85	-24.85	0.00	-44	0.611	-4.28	-3.28	0.47
-88	0.052	-25.68	-24.68	0.00	-43	0.627	-4.05	-3.05	0.49
-87	0.053	-25.51	-24.51	0.00	-42	0.643	-3.84	-2.84	0.52
-86	0.054	-25.35	-24.35	0.00	-41	0.659	-3.62	-2.62	0.55
-85	0.055	-25.19	-24.19	0.00	-40	0.675	-3.41	-2.41	0.57
-84	0.059	-24.58	-23.58	0.00	-39	0.689	-3.24	-2.24	0.60
-83	0.063	-24.01	-23.01	0.00	-38	0.703	-3.06	-2.06	0.62
-82	0.067	-23.48	-22.48	0.01	-37	0.717	-2.89	-1.89	0.65
-81	0.071	-22.97	-21.97	0.01	-36	0.731	-2.72	-1.72	0.67
-80	0.075	-22.50	-21.50	0.01	-35	0.745	-2.56	-1.56	0.70
-79	0.085	-21.41	-20.41	0.01	-34	0.757	-2.41	-1.41	0.72
-78	0.095	-20.45	-19.45	0.01	-33	0.770	-2.27	-1.27	0.75
-77	0.105	-19.58	-18.58	0.01	-32	0.783	-2.13	-1.13	0.77
-76	0.115	-18.79	-17.79	0.02	-31	0.795	-1.99	-0.99	0.80
-75	0.125	-18.06	-17.06	0.02	-30	0.808	-1.86	-0.86	0.82
-74	0.138	-17.20	-16.20	0.02	-29	0.819	-1.73	-0.73	0.84
-73	0.151	-16.42	-15.42	0.03	-28	0.831	-1.61	-0.61	0.87
-72	0.164	-15.70	-14.70	0.03	-27	0.842	-1.49	-0.49	0.89
-71	0.177	-15.04	-14.04	0.04	-26	0.854	-1.38	-0.38	0.92
-70	0.190	-14.42	-13.42	0.05	-25	0.865	-1.26	-0.26	0.94
-69	0.205	-13.76	-12.76	0.05	-24	0.875	-1.16	-0.16	0.96
-68	0.220	-13.15	-12.15	0.06	-23	0.885	-1.06	-0.06	0.99
-67	0.235	-12.58	-11.58	0.07	-22	0.895	-0.96	0.04	1.01
-66	0.250	-12.04	-11.04	0.08	-21	0.905	-0.87	0.13	1.03
-65	0.265	-11.54	-10.54	0.09	-20	0.915	-0.77	0.23	1.05
-64	0.281	-11.03	-10.03	0.10	-19	0.924	-0.69	0.31	1.07
-63	0.297	-10.54	-9.54	0.11	-18	0.932	-0.61	0.39	1.09
-62	0.313	-10.09	-9.09	0.12	-17	0.940	-0.53	0.47	1.11
-61	0.329	-9.66	-8.66	0.14	-16	0.949	-0.45	0.55	1.13
-60	0.345	-9.24	-8.24	0.15	-15	0.957	-0.38	0.62	1.15
-59	0.362	-8.83	-7.83	0.16	-14	0.961	-0.34	0.66	1.16
-58	0.379	-8.43	-7.43	0.18	-13	0.965	-0.30	0.70	1.17
-57	0.396	-8.05	-7.05	0.20	-12	0.970	-0.27	0.73	1.18
-56	0.413	-7.68	-6.68	0.21	-11	0.974	-0.23	0.77	1.19
-55	0.430	-7.33	-6.33	0.23	-10	0.978	-0.20	0.80	1.20
-54	0.446	-7.01	-6.01	0.25	-9	0.980	-0.18	0.82	1.21
-53	0.462	-6.71	-5.71	0.27	-8	0.982	-0.15	0.85	1.22
-52	0.478	-6.41	-5.41	0.29	-7	0.985	-0.13	0.87	1.22
-51	0.494	-6.13	-5.13	0.31	-6	0.988	-0.11	0.89	1.23
-50	0.510	-5.85	-4.85	0.33	-5	0.990	-0.09	0.91	1.23
-49	0.527	-5.56	-4.56	0.35	-4	0.992	-0.07	0.93	1.24
-48	0.544	-5.29	-4.29	0.37	-3	0.994	-0.05	0.95	1.24
-47	0.561	-5.02	-4.02	0.40	-2	0.996	-0.03	0.97	1.25
-46	0.578	-4.76	-3.76	0.42	-1	0.998	-0.02	0.98	1.25
					0	1.000	0.00	1.00	1.26

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Vertical plane Pattern

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	1.00	1.26	45	0.595	-4.51	-3.51	0.45
1	0.998	-0.02	0.98	1.25	46	0.578	-4.76	-3.76	0.42
2	0.996	-0.03	0.97	1.25	47	0.561	-5.02	-4.02	0.40
3	0.994	-0.05	0.95	1.24	48	0.544	-5.29	-4.29	0.37
4	0.992	-0.07	0.93	1.24	49	0.527	-5.56	-4.56	0.35
5	0.990	-0.09	0.91	1.23	50	0.510	-5.85	-4.85	0.33
6	0.988	-0.11	0.89	1.23	51	0.494	-6.13	-5.13	0.31
7	0.985	-0.13	0.87	1.22	52	0.478	-6.41	-5.41	0.29
8	0.982	-0.15	0.85	1.22	53	0.462	-6.71	-5.71	0.27
9	0.980	-0.18	0.82	1.21	54	0.446	-7.01	-6.01	0.25
10	0.978	-0.20	0.80	1.20	55	0.430	-7.33	-6.33	0.23
11	0.974	-0.23	0.77	1.19	56	0.413	-7.68	-6.68	0.21
12	0.970	-0.27	0.73	1.18	57	0.396	-8.05	-7.05	0.20
13	0.965	-0.30	0.70	1.17	58	0.379	-8.43	-7.43	0.18
14	0.961	-0.34	0.66	1.16	59	0.362	-8.83	-7.83	0.16
15	0.957	-0.38	0.62	1.15	60	0.345	-9.24	-8.24	0.15
16	0.949	-0.45	0.55	1.13	61	0.329	-9.66	-8.66	0.14
17	0.940	-0.53	0.47	1.11	62	0.313	-10.09	-9.09	0.12
18	0.932	-0.61	0.39	1.09	63	0.297	-10.54	-9.54	0.11
19	0.924	-0.69	0.31	1.07	64	0.281	-11.03	-10.03	0.10
20	0.915	-0.77	0.23	1.05	65	0.265	-11.54	-10.54	0.09
21	0.905	-0.87	0.13	1.03	66	0.250	-12.04	-11.04	0.08
22	0.895	-0.96	0.04	1.01	67	0.235	-12.58	-11.58	0.07
23	0.885	-1.06	-0.06	0.99	68	0.220	-13.15	-12.15	0.06
24	0.875	-1.16	-0.16	0.96	69	0.205	-13.76	-12.76	0.05
25	0.865	-1.26	-0.26	0.94	70	0.190	-14.42	-13.42	0.05
26	0.854	-1.38	-0.38	0.92	71	0.177	-15.04	-14.04	0.04
27	0.842	-1.49	-0.49	0.89	72	0.164	-15.70	-14.70	0.03
28	0.831	-1.61	-0.61	0.87	73	0.151	-16.42	-15.42	0.03
29	0.819	-1.73	-0.73	0.84	74	0.138	-17.20	-16.20	0.02
30	0.808	-1.86	-0.86	0.82	75	0.125	-18.06	-17.06	0.02
31	0.795	-1.99	-0.99	0.80	76	0.115	-18.79	-17.79	0.02
32	0.783	-2.13	-1.13	0.77	77	0.105	-19.58	-18.58	0.01
33	0.770	-2.27	-1.27	0.75	78	0.095	-20.45	-19.45	0.01
34	0.757	-2.41	-1.41	0.72	79	0.085	-21.41	-20.41	0.01
35	0.745	-2.56	-1.56	0.70	80	0.075	-22.50	-21.50	0.01
36	0.731	-2.72	-1.72	0.67	81	0.071	-22.97	-21.97	0.01
37	0.717	-2.89	-1.89	0.65	82	0.067	-23.48	-22.48	0.01
38	0.703	-3.06	-2.06	0.62	83	0.063	-24.01	-23.01	0.00
39	0.689	-3.24	-2.24	0.60	84	0.059	-24.58	-23.58	0.00
40	0.675	-3.41	-2.41	0.57	85	0.055	-25.19	-24.19	0.00
41	0.659	-3.62	-2.62	0.55	86	0.054	-25.35	-24.35	0.00
42	0.643	-3.84	-2.84	0.52	87	0.053	-25.51	-24.51	0.00
43	0.627	-4.05	-3.05	0.49	88	0.052	-25.68	-24.68	0.00
44	0.611	-4.28	-3.28	0.47	89	0.051	-25.85	-24.85	0.00
					90	0.050	-26.02	-25.02	0.00