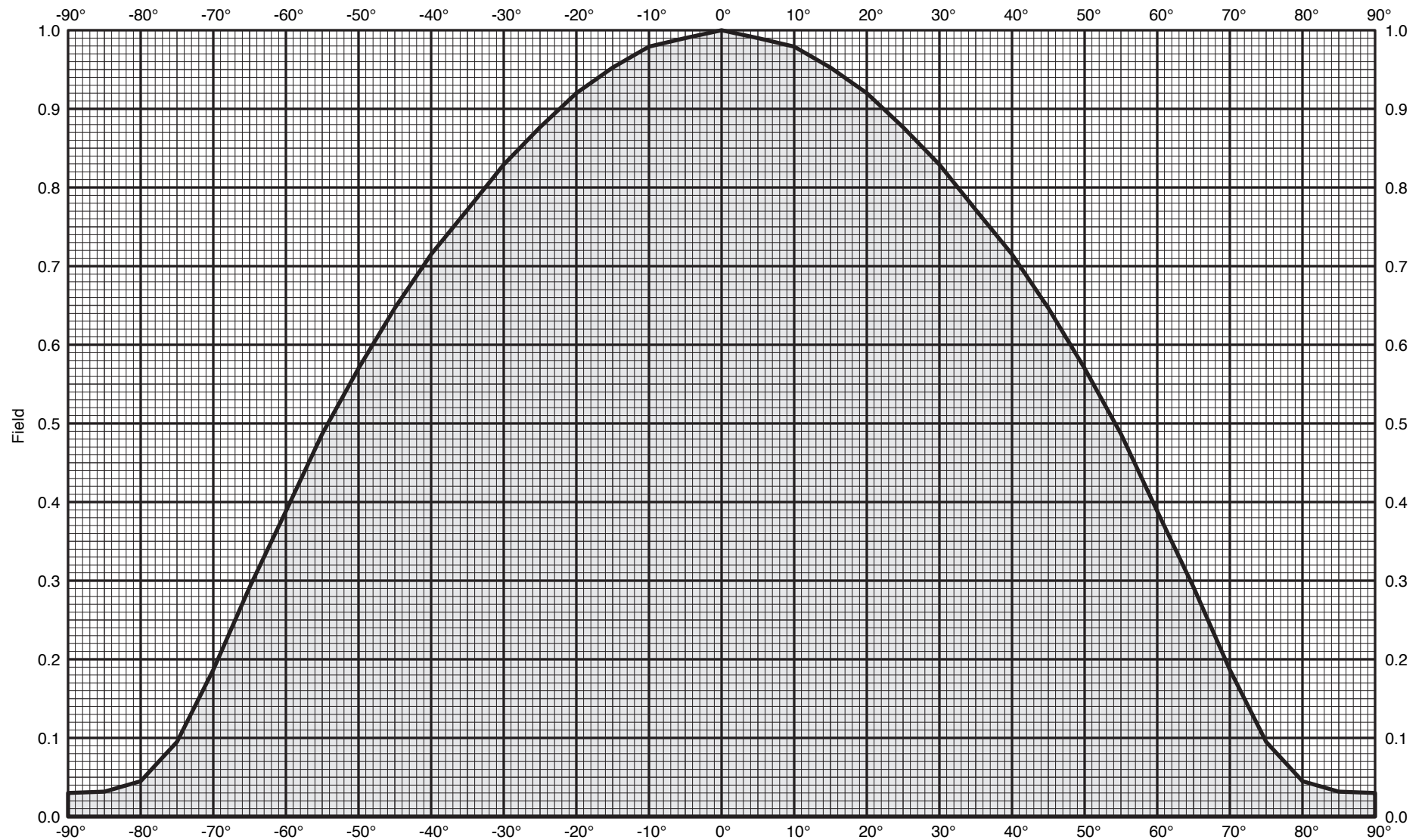


Depression Angle



One CA2-FM/CP antenna

Any single channel 88-108 MHz.

Gain: 1.0 dBd.

Circular Polarization

Vertical plane Pattern



One CA2-FM/CP antenna

Any single channel 88-108 MHz.

Gain: 1.0 dBd.

Circular Polarization

Vertical plane Pattern

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.030	-30.46	-29.46	0.00	-45	0.647	-3.79	-2.79	0.53
-89	0.030	-30.36	-29.36	0.00	-44	0.660	-3.60	-2.60	0.55
-88	0.031	-30.27	-29.27	0.00	-43	0.674	-3.43	-2.43	0.57
-87	0.031	-30.17	-29.17	0.00	-42	0.688	-3.25	-2.25	0.60
-86	0.031	-30.08	-29.08	0.00	-41	0.701	-3.08	-2.08	0.62
-85	0.032	-29.99	-28.99	0.00	-40	0.715	-2.91	-1.91	0.64
-84	0.034	-29.29	-28.29	0.00	-39	0.726	-2.78	-1.78	0.66
-83	0.037	-28.64	-27.64	0.00	-38	0.738	-2.64	-1.64	0.69
-82	0.040	-28.03	-27.03	0.00	-37	0.749	-2.51	-1.51	0.71
-81	0.042	-27.47	-26.47	0.00	-36	0.760	-2.38	-1.38	0.73
-80	0.045	-26.94	-25.94	0.00	-35	0.772	-2.25	-1.25	0.75
-79	0.055	-25.19	-24.19	0.00	-34	0.783	-2.12	-1.12	0.77
-78	0.065	-23.74	-22.74	0.01	-33	0.795	-2.00	-1.00	0.80
-77	0.075	-22.50	-21.50	0.01	-32	0.806	-1.87	-0.87	0.82
-76	0.085	-21.41	-20.41	0.01	-31	0.818	-1.75	-0.75	0.84
-75	0.095	-20.45	-19.45	0.01	-30	0.829	-1.63	-0.63	0.87
-74	0.113	-18.91	-17.91	0.02	-29	0.839	-1.53	-0.53	0.89
-73	0.132	-17.61	-16.61	0.02	-28	0.848	-1.43	-0.43	0.91
-72	0.150	-16.48	-15.48	0.03	-27	0.858	-1.33	-0.33	0.93
-71	0.168	-15.48	-14.48	0.04	-26	0.867	-1.24	-0.24	0.95
-70	0.187	-14.58	-13.58	0.04	-25	0.877	-1.14	-0.14	0.97
-69	0.208	-13.65	-12.65	0.05	-24	0.885	-1.06	-0.06	0.99
-68	0.229	-12.82	-11.82	0.07	-23	0.894	-0.97	0.03	1.01
-67	0.250	-12.05	-11.05	0.08	-22	0.903	-0.89	0.11	1.03
-66	0.271	-11.35	-10.35	0.09	-21	0.911	-0.81	0.19	1.05
-65	0.292	-10.70	-9.70	0.11	-20	0.920	-0.72	0.28	1.07
-64	0.311	-10.14	-9.14	0.12	-19	0.927	-0.66	0.34	1.08
-63	0.330	-9.62	-8.62	0.14	-18	0.933	-0.60	0.40	1.10
-62	0.350	-9.13	-8.13	0.15	-17	0.939	-0.54	0.46	1.11
-61	0.369	-8.66	-7.66	0.17	-16	0.946	-0.48	0.52	1.13
-60	0.388	-8.22	-7.22	0.19	-15	0.952	-0.42	0.58	1.14
-59	0.408	-7.79	-6.79	0.21	-14	0.958	-0.37	0.63	1.15
-58	0.428	-7.38	-6.38	0.23	-13	0.963	-0.33	0.67	1.17
-57	0.447	-6.99	-5.99	0.25	-12	0.969	-0.28	0.72	1.18
-56	0.467	-6.61	-5.61	0.27	-11	0.974	-0.23	0.77	1.19
-55	0.487	-6.26	-5.26	0.30	-10	0.979	-0.18	0.82	1.21
-54	0.503	-5.96	-4.96	0.32	-9	0.981	-0.16	0.84	1.21
-53	0.520	-5.68	-4.68	0.34	-8	0.984	-0.14	0.86	1.22
-52	0.537	-5.41	-4.41	0.36	-7	0.986	-0.13	0.87	1.22
-51	0.553	-5.14	-4.14	0.39	-6	0.988	-0.11	0.89	1.23
-50	0.570	-4.88	-3.88	0.41	-5	0.990	-0.09	0.91	1.23
-49	0.585	-4.65	-3.65	0.43	-4	0.992	-0.07	0.93	1.24
-48	0.601	-4.43	-3.43	0.45	-3	0.994	-0.05	0.95	1.24
-47	0.616	-4.21	-3.21	0.48	-2	0.996	-0.03	0.97	1.25
-46	0.631	-3.99	-2.99	0.50	-1	0.998	-0.02	0.98	1.25
					0	1.000	0.00	1.00	1.26



One CA2-FM/CP antenna

Vertical plane Pattern

Any single channel 88-108 MHz.

Gain: 1.0 dBd.

Circular Polarization

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	1.00	1.26	45	0.647	-3.79	-2.79	0.53
1	0.998	-0.02	0.98	1.25	46	0.631	-3.99	-2.99	0.50
2	0.996	-0.03	0.97	1.25	47	0.616	-4.21	-3.21	0.48
3	0.994	-0.05	0.95	1.24	48	0.601	-4.43	-3.43	0.45
4	0.992	-0.07	0.93	1.24	49	0.585	-4.65	-3.65	0.43
5	0.990	-0.09	0.91	1.23	50	0.570	-4.88	-3.88	0.41
6	0.988	-0.11	0.89	1.23	51	0.553	-5.14	-4.14	0.39
7	0.986	-0.13	0.87	1.22	52	0.537	-5.41	-4.41	0.36
8	0.984	-0.14	0.86	1.22	53	0.520	-5.68	-4.68	0.34
9	0.981	-0.16	0.84	1.21	54	0.503	-5.96	-4.96	0.32
10	0.979	-0.18	0.82	1.21	55	0.487	-6.26	-5.26	0.30
11	0.974	-0.23	0.77	1.19	56	0.467	-6.61	-5.61	0.27
12	0.969	-0.28	0.72	1.18	57	0.447	-6.99	-5.99	0.25
13	0.963	-0.33	0.67	1.17	58	0.428	-7.38	-6.38	0.23
14	0.958	-0.37	0.63	1.15	59	0.408	-7.79	-6.79	0.21
15	0.952	-0.42	0.58	1.14	60	0.388	-8.22	-7.22	0.19
16	0.946	-0.48	0.52	1.13	61	0.369	-8.66	-7.66	0.17
17	0.939	-0.54	0.46	1.11	62	0.350	-9.13	-8.13	0.15
18	0.933	-0.60	0.40	1.10	63	0.330	-9.62	-8.62	0.14
19	0.927	-0.66	0.34	1.08	64	0.311	-10.14	-9.14	0.12
20	0.920	-0.72	0.28	1.07	65	0.292	-10.70	-9.70	0.11
21	0.911	-0.81	0.19	1.05	66	0.271	-11.35	-10.35	0.09
22	0.903	-0.89	0.11	1.03	67	0.250	-12.05	-11.05	0.08
23	0.894	-0.97	0.03	1.01	68	0.229	-12.82	-11.82	0.07
24	0.885	-1.06	-0.06	0.99	69	0.208	-13.65	-12.65	0.05
25	0.877	-1.14	-0.14	0.97	70	0.187	-14.58	-13.58	0.04
26	0.867	-1.24	-0.24	0.95	71	0.168	-15.48	-14.48	0.04
27	0.858	-1.33	-0.33	0.93	72	0.150	-16.48	-15.48	0.03
28	0.848	-1.43	-0.43	0.91	73	0.132	-17.61	-16.61	0.02
29	0.839	-1.53	-0.53	0.89	74	0.113	-18.91	-17.91	0.02
30	0.829	-1.63	-0.63	0.87	75	0.095	-20.45	-19.45	0.01
31	0.818	-1.75	-0.75	0.84	76	0.085	-21.41	-20.41	0.01
32	0.806	-1.87	-0.87	0.82	77	0.075	-22.50	-21.50	0.01
33	0.795	-2.00	-1.00	0.80	78	0.065	-23.74	-22.74	0.01
34	0.783	-2.12	-1.12	0.77	79	0.055	-25.19	-24.19	0.00
35	0.772	-2.25	-1.25	0.75	80	0.045	-26.94	-25.94	0.00
36	0.760	-2.38	-1.38	0.73	81	0.042	-27.47	-26.47	0.00
37	0.749	-2.51	-1.51	0.71	82	0.040	-28.03	-27.03	0.00
38	0.738	-2.64	-1.64	0.69	83	0.037	-28.64	-27.64	0.00
39	0.726	-2.78	-1.78	0.66	84	0.034	-29.29	-28.29	0.00
40	0.715	-2.91	-1.91	0.64	85	0.032	-29.99	-28.99	0.00
41	0.701	-3.08	-2.08	0.62	86	0.031	-30.08	-29.08	0.00
42	0.688	-3.25	-2.25	0.60	87	0.031	-30.17	-29.17	0.00
43	0.674	-3.43	-2.43	0.57	88	0.031	-30.27	-29.27	0.00
44	0.660	-3.60	-2.60	0.55	89	0.030	-30.36	-29.36	0.00
					90	0.030	-30.46	-29.46	0.00