Field

Depression Angle

KATHREIN
SCALA DIVISION

CA5-FM/CP/RM Yagi

FM

Maximum gain: 6.0 dBd

Circular polarization

Vertical radiation pattern

0 degree electrical downtilt

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CA5-FM/CP/RM Yagi   Vertical radiation pattern
FM   0 degree electrical downtilt
Maximum gain: 6.0 dBd
Circular polarization

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.157	-16.06	-10.06	0.10	-45	0.423	-7.47	-1.47	0.71
-89	0.156	-16.14	-10.14	0.10	-44	0.444	-7.05	-1.05	0.79
-88	0.154	-16.23	-10.23	0.09	-43	0.465	-6.64	-0.64	0.86
-87	0.153	-16.31	-10.31	0.09	-42	0.486	-6.26	-0.26	0.94
-86	0.151	-16.39	-10.39	0.09	-41	0.507	-5.89	0.11	1.02
-85	0.150	-16.48	-10.48	0.09	-40	0.528	-5.54	0.46	1.11
-84	0.148	-16.58	-10.58	0.09	-39	0.548	-5.22	0.78	1.20
-83	0.147	-16.67	-10.67	0.09	-38	0.568	-4.91	1.09	1.29
-82	0.145	-16.77	-10.77	0.08	-37	0.588	-4.61	1.39	1.38
-81	0.143	-16.87	-10.87	0.08	-36	0.608	-4.32	1.68	1.47
-80	0.142	-16.97	-10.97	0.08	-35	0.628	-4.04	1.96	1.57
-79	0.140	-17.06	-11.06	0.08	-34	0.646	-3.79	2.21	1.66
-78	0.139	-17.14	-11.14	0.08	-33	0.664	-3.55	2.45	1.76
-77	0.138	-17.22	-11.22	0.08	-32	0.682	-3.32	2.68	1.85
-76	0.136	-17.31	-11.31	0.07	-31	0.700	-3.09	2.91	1.95
-75	0.135	-17.39	-11.39	0.07	-30	0.718	-2.87	3.13	2.05
-74	0.135	-17.41	-11.41	0.07	-29	0.734	-2.69	3.31	2.14
-73	0.135	-17.42	-11.42	0.07	-28	0.749	-2.51	3.49	2.24
-72	0.134	-17.43	-11.43	0.07	-27	0.765	-2.33	3.67	2.33
-71	0.134	-17.44	-11.44	0.07	-26	0.780	-2.15	3.85	2.42
-70	0.134	-17.46	-11.46	0.07	-25	0.796	-1.98	4.02	2.52
-69	0.136	-17.36	-11.36	0.07	-24	0.810	-1.83	4.17	2.61
-68	0.137	-17.26	-11.26	0.07	-23	0.824	-1.68	4.32	2.70
-67	0.139	-17.16	-11.16	0.08	-22	0.838	-1.54	4.46	2.80
-66	0.140	-17.07	-11.07	0.08	-21	0.852	-1.39	4.61	2.89
-65	0.142	-16.97	-10.97	0.08	-20	0.866	-1.25	4.75	2.99
-64	0.151	-16.40	-10.40	0.09	-19	0.876	-1.15	4.85	3.05
-63	0.161	-15.86	-9.86	0.10	-18	0.885	-1.06	4.94	3.12
-62	0.171	-15.36	-9.36	0.12	-17	0.895	-0.96	5.04	3.19
-61	0.180	-14.88	-8.88	0.13	-16	0.905	-0.87	5.13	3.26
-60	0.190	-14.42	-8.42	0.14	-15	0.915	-0.77	5.23	3.33
-59	0.201	-13.92	-7.92	0.16	-14	0.922	-0.70	5.30	3.39
-58	0.213	-13.45	-7.45	0.18	-13	0.930	-0.63	5.37	3.44
-57	0.224	-13.00	-7.00	0.20	-12	0.937	-0.56	5.44	3.50
-56	0.235	-12.57	-6.57	0.22	-11	0.945	-0.49	5.51	3.55
-55	0.247	-12.16	-6.16	0.24	-10	0.952	-0.42	5.58	3.61
-54	0.263	-11.59	-5.59	0.28	-9	0.958	-0.37	5.63	3.66
-53	0.280	-11.07	-5.07	0.31	-8	0.964	-0.32	5.68	3.70
-52	0.296	-10.57	-4.57	0.35	-7	0.970	-0.26	5.74	3.75
-51	0.313	-10.09	-4.09	0.39	-6	0.976	-0.21	5.79	3.79
-50	0.329	-9.65	-3.65	0.43	-5	0.982	-0.15	5.85	3.84
-49	0.348	-9.17	-3.17	0.48	-4	0.986	-0.12	5.88	3.87
-48	0.367	-8.71	-2.71	0.54	-3	0.989	-0.09	5.91	3.90
-47	0.386	-8.27	-2.27	0.59	-2	0.993	-0.06	5.94	3.93
-46	0.405	-7.86	-1.86	0.65	-1	0.996	-0.03	5.97	3.95
					0	1.000	0.00	6.00	3.98

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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	6.00	3.98	45	0.423	-7.47	-1.47	0.71
1	0.996	-0.03	5.97	3.95	46	0.405	-7.86	-1.86	0.65
2	0.993	-0.06	5.94	3.93	47	0.386	-8.27	-2.27	0.59
3	0.989	-0.09	5.91	3.90	48	0.367	-8.71	-2.71	0.54
4	0.986	-0.12	5.88	3.87	49	0.348	-9.17	-3.17	0.48
5	0.982	-0.15	5.85	3.84	50	0.329	-9.65	-3.65	0.43
6	0.976	-0.21	5.79	3.79	51	0.313	-10.09	-4.09	0.39
7	0.970	-0.26	5.74	3.75	52	0.296	-10.57	-4.57	0.35
8	0.964	-0.32	5.68	3.70	53	0.280	-11.07	-5.07	0.31
9	0.958	-0.37	5.63	3.66	54	0.263	-11.59	-5.59	0.28
10	0.952	-0.42	5.58	3.61	55	0.247	-12.16	-6.16	0.24
11	0.945	-0.49	5.51	3.55	56	0.235	-12.57	-6.57	0.22
12	0.937	-0.56	5.44	3.50	57	0.224	-13.00	-7.00	0.20
13	0.930	-0.63	5.37	3.44	58	0.213	-13.45	-7.45	0.18
14	0.922	-0.70	5.30	3.39	59	0.201	-13.92	-7.92	0.16
15	0.915	-0.77	5.23	3.33	60	0.190	-14.42	-8.42	0.14
16	0.905	-0.87	5.13	3.26	61	0.180	-14.88	-8.88	0.13
17	0.895	-0.96	5.04	3.19	62	0.171	-15.36	-9.36	0.12
18	0.885	-1.06	4.94	3.12	63	0.161	-15.86	-9.86	0.10
19	0.876	-1.15	4.85	3.05	64	0.151	-16.40	-10.40	0.09
20	0.866	-1.25	4.75	2.99	65	0.142	-16.97	-10.97	0.08
21	0.852	-1.39	4.61	2.89	66	0.140	-17.07	-11.07	0.08
22	0.838	-1.54	4.46	2.80	67	0.139	-17.16	-11.16	0.08
23	0.824	-1.68	4.32	2.70	68	0.137	-17.26	-11.26	0.07
24	0.810	-1.83	4.17	2.61	69	0.136	-17.36	-11.36	0.07
25	0.796	-1.98	4.02	2.52	70	0.134	-17.46	-11.46	0.07
26	0.780	-2.15	3.85	2.42	71	0.134	-17.44	-11.44	0.07
27	0.765	-2.33	3.67	2.33	72	0.134	-17.43	-11.43	0.07
28	0.749	-2.51	3.49	2.24	73	0.135	-17.42	-11.42	0.07
29	0.734	-2.69	3.31	2.14	74	0.135	-17.41	-11.41	0.07
30	0.718	-2.87	3.13	2.05	75	0.135	-17.39	-11.39	0.07
31	0.700	-3.09	2.91	1.95	76	0.136	-17.31	-11.31	0.07
32	0.682	-3.32	2.68	1.85	77	0.138	-17.22	-11.22	0.08
33	0.664	-3.55	2.45	1.76	78	0.139	-17.14	-11.14	0.08
34	0.646	-3.79	2.21	1.66	79	0.140	-17.06	-11.06	0.08
35	0.628	-4.04	1.96	1.57	80	0.142	-16.97	-10.97	0.08
36	0.608	-4.32	1.68	1.47	81	0.143	-16.87	-10.87	0.08
37	0.588	-4.61	1.39	1.38	82	0.145	-16.77	-10.77	0.08
38	0.568	-4.91	1.09	1.29	83	0.147	-16.67	-10.67	0.09
39	0.548	-5.22	0.78	1.20	84	0.148	-16.58	-10.58	0.09
40	0.528	-5.54	0.46	1.11	85	0.150	-16.48	-10.48	0.09
41	0.507	-5.89	0.11	1.02	86	0.151	-16.39	-10.39	0.09
42	0.486	-6.26	-0.26	0.94	87	0.153	-16.31	-10.31	0.09
43	0.465	-6.64	-0.64	0.86	88	0.154	-16.23	-10.23	0.09
44	0.444	-7.05	-1.05	0.79	89	0.156	-16.14	-10.14	0.10
					90	0.157	-16.06	-10.06	0.10