



Three HDCA-5/CP Yagi Antennas

Frequency: 90.9 MHz

Gain: 1.2 dBd.

Oriented one each at 200, 275 & 300 deg.

Circular Polarization

Horizontal plane Pattern

K215DP



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Horizontal plane Pattern

K215DP

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.963	-0.33	0.87	1.22	180	0.896	-0.96	0.24	1.06
5	0.939	-0.54	0.66	1.16	185	0.939	-0.54	0.66	1.16
10	0.896	-0.96	0.24	1.06	190	0.963	-0.33	0.87	1.22
15	0.829	-1.63	-0.43	0.91	195	0.964	-0.32	0.88	1.22
20	0.745	-2.56	-1.36	0.73	200	0.962	-0.34	0.86	1.22
25	0.653	-3.70	-2.50	0.56	205	0.943	-0.51	0.69	1.17
30	0.558	-5.06	-3.86	0.41	210	0.926	-0.67	0.53	1.13
35	0.478	-6.41	-5.21	0.30	215	0.921	-0.71	0.49	1.12
40	0.406	-7.84	-6.64	0.22	220	0.915	-0.77	0.43	1.10
45	0.343	-9.28	-8.08	0.16	225	0.919	-0.73	0.47	1.11
50	0.298	-10.52	-9.32	0.12	230	0.931	-0.62	0.58	1.14
55	0.262	-11.64	-10.44	0.09	235	0.943	-0.51	0.69	1.17
60	0.253	-11.94	-10.74	0.08	240	0.966	-0.30	0.90	1.23
65	0.245	-12.22	-11.02	0.08	245	0.985	-0.13	1.07	1.28
70	0.238	-12.47	-11.27	0.07	250	0.996	-0.04	1.16	1.31
75	0.244	-12.27	-11.07	0.08	255	1.000	-0.00	1.20	1.32
80	0.247	-12.16	-10.96	0.08	260	0.990	-0.09	1.11	1.29
85	0.249	-12.06	-10.86	0.08	265	0.975	-0.22	0.98	1.25
90	0.258	-11.75	-10.55	0.09	270	0.973	-0.24	0.96	1.25
95	0.260	-11.70	-10.50	0.09	275	0.975	-0.22	0.98	1.25
100	0.258	-11.75	-10.55	0.09	280	0.973	-0.24	0.96	1.25
105	0.249	-12.06	-10.86	0.08	285	0.975	-0.22	0.98	1.25
110	0.247	-12.16	-10.96	0.08	290	0.990	-0.09	1.11	1.29
115	0.244	-12.27	-11.07	0.08	295	1.000	0.00	1.20	1.32
120	0.238	-12.47	-11.27	0.07	300	0.996	-0.04	1.16	1.31
125	0.245	-12.22	-11.02	0.08	305	0.985	-0.13	1.07	1.28
130	0.253	-11.94	-10.74	0.08	310	0.966	-0.30	0.90	1.23
135	0.262	-11.64	-10.44	0.09	315	0.943	-0.51	0.69	1.17
140	0.298	-10.52	-9.32	0.12	320	0.931	-0.62	0.58	1.14
145	0.343	-9.28	-8.08	0.16	325	0.919	-0.73	0.47	1.11
150	0.406	-7.84	-6.64	0.22	330	0.915	-0.77	0.43	1.10
155	0.478	-6.41	-5.21	0.30	335	0.921	-0.71	0.49	1.12
160	0.558	-5.06	-3.86	0.41	340	0.926	-0.67	0.53	1.13
165	0.653	-3.70	-2.50	0.56	345	0.943	-0.51	0.69	1.17
170	0.745	-2.56	-1.36	0.73	350	0.962	-0.34	0.86	1.22
175	0.829	-1.63	-0.43	0.91	355	0.964	-0.32	0.88	1.22