





TWO HDCA-5EB/CP YAGIS
 98.9 MHz
 ORIENTED 1 EACH AT 60 & 320 DEGREES
 MAXIMUM ARRAY GAIN: 2.1 dBd
 POWER MULTIPLIER: 1.6
 CIRCULAR POLARIZATION
 HORIZONTAL RADIATION PATTERN



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.665	-3.5	-1.4	0.724	180	0.101	-19.9	-17.8	0.017
5	0.647	-3.8	-1.7	0.676	185	0.086	-21.3	-19.2	0.012
10	0.639	-3.9	-1.8	0.661	190	0.073	-22.7	-20.6	0.009
15	0.647	-3.8	-1.7	0.676	195	0.086	-21.3	-19.2	0.012
20	0.665	-3.5	-1.4	0.724	200	0.101	-19.9	-17.8	0.017
25	0.697	-3.1	-1.0	0.794	205	0.116	-18.7	-16.6	0.022
30	0.761	-2.4	-0.3	0.933	210	0.155	-16.2	-14.1	0.039
35	0.823	-1.7	0.4	1.096	215	0.196	-14.1	-12.0	0.063
40	0.890	-1.0	1.1	1.288	220	0.232	-12.7	-10.6	0.087
45	0.950	-0.4	1.7	1.479	225	0.254	-11.9	-9.8	0.105
50	0.987	-0.1	2.0	1.585	230	0.263	-11.6	-9.5	0.112
55	1.000	0.0	2.1	1.622	235	0.263	-11.6	-9.5	0.112
60	0.993	-0.1	2.0	1.585	240	0.252	-12.0	-9.9	0.102
65	0.952	-0.4	1.7	1.479	245	0.247	-12.2	-10.1	0.098
70	0.902	-0.9	1.2	1.318	250	0.247	-12.1	-10.0	0.100
75	0.842	-1.5	0.6	1.148	255	0.253	-11.9	-9.8	0.105
80	0.789	-2.1	0.0	1.000	260	0.297	-10.6	-8.5	0.141
85	0.732	-2.7	-0.6	0.871	265	0.356	-9.0	-6.9	0.204
90	0.676	-3.4	-1.3	0.741	270	0.422	-7.5	-5.4	0.288
95	0.625	-4.1	-2.0	0.631	275	0.492	-6.2	-4.1	0.389
100	0.564	-5.0	-2.9	0.513	280	0.564	-5.0	-2.9	0.513
105	0.492	-6.2	-4.1	0.389	285	0.625	-4.1	-2.0	0.631
110	0.422	-7.5	-5.4	0.288	290	0.676	-3.4	-1.3	0.741
115	0.356	-9.0	-6.9	0.204	295	0.732	-2.7	-0.6	0.871
120	0.297	-10.6	-8.5	0.141	300	0.789	-2.1	0.0	1.000
125	0.253	-11.9	-9.8	0.105	305	0.842	-1.5	0.6	1.148
130	0.247	-12.1	-10.0	0.100	310	0.902	-0.9	1.2	1.318
135	0.247	-12.2	-10.1	0.098	315	0.952	-0.4	1.7	1.479
140	0.252	-12.0	-9.9	0.102	320	0.993	-0.1	2.0	1.585
145	0.263	-11.6	-9.5	0.112	325	1.000	0.0	2.1	1.622
150	0.263	-11.6	-9.5	0.112	330	0.987	-0.1	2.0	1.585
155	0.254	-11.9	-9.8	0.105	335	0.950	-0.4	1.7	1.479
160	0.232	-12.7	-10.6	0.087	340	0.890	-1.0	1.1	1.288
165	0.196	-14.1	-12.0	0.063	345	0.823	-1.7	0.4	1.096
170	0.155	-16.2	-14.1	0.039	350	0.761	-2.4	-0.3	0.933
175	0.116	-18.7	-16.6	0.022	355	0.697	-3.1	-1.0	0.794