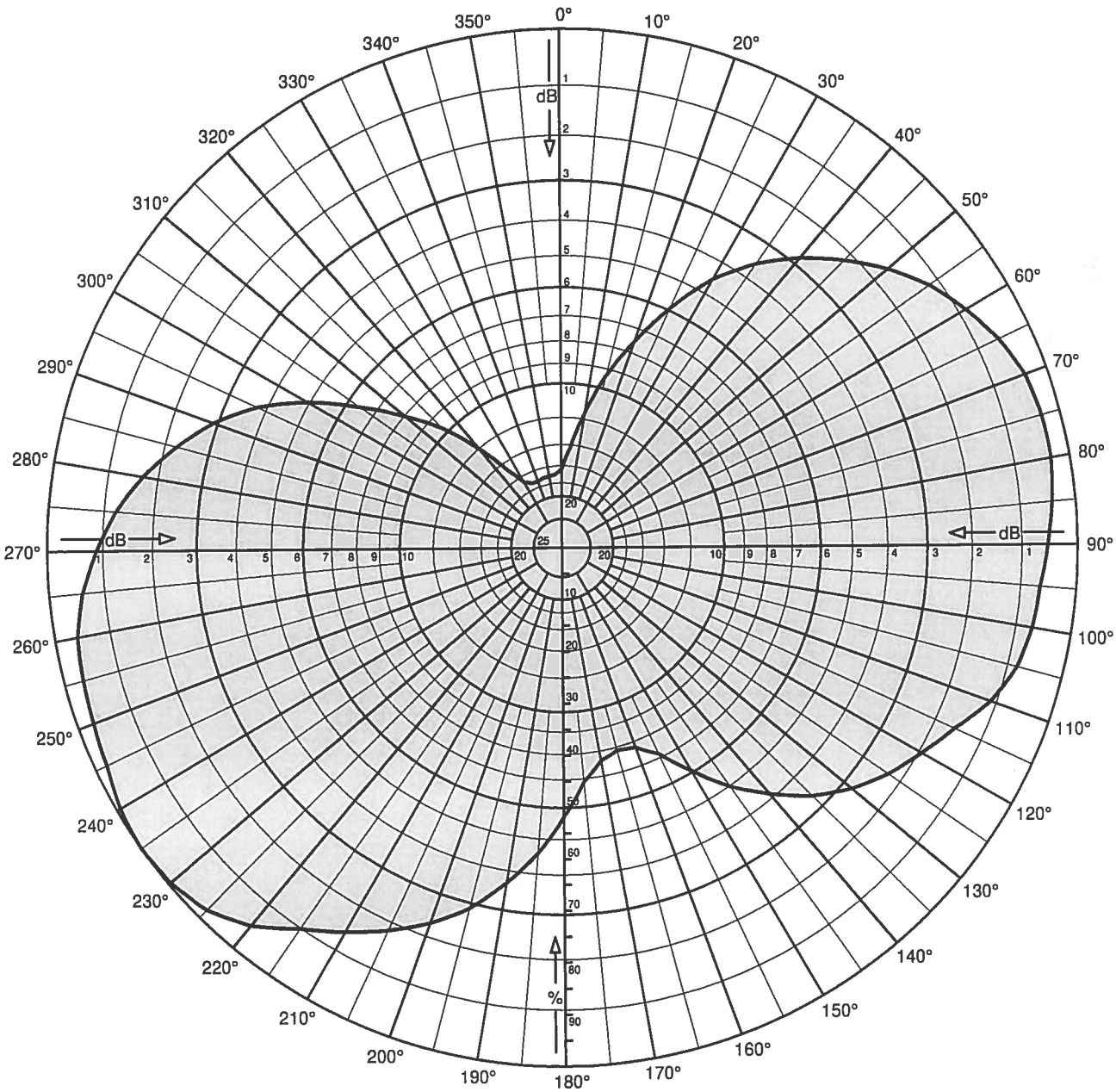

Three CA2-FMCP Antennas
Oriented at 80, 170 & 250 degrees
With 45%, 10% & 45% power
Frequency: 93.1 MHz (CH 226)
Gain: -1.0 dBd (x 0.8)
Circular Polarization
Vertical Stacked 0.87 wavelength
Horizontal plane Pattern

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Angle	Field	Rel.dB	dBd	PwrMult
0	0.152	-16.35	-17.35	0.02
5	0.193	-14.29	-15.29	0.03
10	0.262	-11.65	-12.65	0.05
15	0.343	-9.30	-10.30	0.09
20	0.419	-7.56	-8.56	0.14
25	0.507	-5.90	-6.90	0.20
30	0.594	-4.53	-5.53	0.28
35	0.664	-3.56	-4.56	0.35
40	0.723	-2.81	-3.81	0.42
45	0.776	-2.20	-3.20	0.48
50	0.828	-1.64	-2.64	0.54
55	0.872	-1.19	-2.19	0.60
60	0.906	-0.86	-1.86	0.65
65	0.936	-0.58	-1.58	0.70
70	0.957	-0.38	-1.38	0.73
75	0.963	-0.32	-1.32	0.74
80	0.964	-0.31	-1.31	0.74
85	0.955	-0.40	-1.40	0.72
90	0.942	-0.52	-1.52	0.70
95	0.929	-0.64	-1.64	0.69
100	0.923	-0.69	-1.69	0.68
105	0.910	-0.82	-1.82	0.66
110	0.880	-1.11	-2.11	0.62
115	0.835	-1.57	-2.57	0.55
120	0.800	-1.94	-2.94	0.51
125	0.767	-2.31	-3.31	0.47
130	0.727	-2.77	-3.77	0.42
135	0.681	-3.34	-4.34	0.37
140	0.622	-4.12	-5.12	0.31
145	0.563	-4.99	-5.99	0.25
150	0.497	-6.07	-7.07	0.20
155	0.439	-7.16	-8.16	0.15
160	0.409	-7.76	-8.76	0.13
165	0.404	-7.86	-8.86	0.13
170	0.417	-7.60	-8.60	0.14
175	0.452	-6.90	-7.90	0.16
180	0.519	-5.70	-6.70	0.21
185	0.590	-4.58	-5.58	0.28
190	0.655	-3.67	-4.67	0.34
195	0.718	-2.87	-3.87	0.41
200	0.768	-2.29	-3.29	0.47
205	0.812	-1.81	-2.81	0.52
210	0.852	-1.39	-2.39	0.58
215	0.892	-0.99	-1.99	0.63
220	0.946	-0.49	-1.49	0.71
225	0.980	-0.17	-1.17	0.76
230	0.996	-0.03	-1.03	0.79
235	1.000	0.00	-1.00	0.79
240	0.993	-0.06	-1.06	0.78
245	0.978	-0.20	-1.20	0.76
250	0.970	-0.27	-1.27	0.75
255	0.964	-0.32	-1.32	0.74
260	0.956	-0.39	-1.39	0.73
265	0.935	-0.59	-1.59	0.69
270	0.904	-0.88	-1.88	0.65
275	0.869	-1.22	-2.22	0.60
280	0.824	-1.68	-2.68	0.54
285	0.772	-2.25	-3.25	0.47
290	0.716	-2.90	-3.90	0.41
295	0.649	-3.75	-4.75	0.33
300	0.566	-4.94	-5.94	0.25
305	0.476	-6.45	-7.45	0.18
310	0.397	-8.03	-9.03	0.13
315	0.328	-9.69	-10.69	0.09
320	0.250	-12.03	-13.03	0.05
325	0.184	-14.72	-15.72	0.03
330	0.147	-16.68	-17.68	0.02
335	0.138	-17.18	-18.18	0.02
340	0.137	-17.27	-18.27	0.01
345	0.140	-17.08	-18.08	0.02
350	0.141	-17.04	-18.04	0.02
355	0.142	-16.92	-17.92	0.02