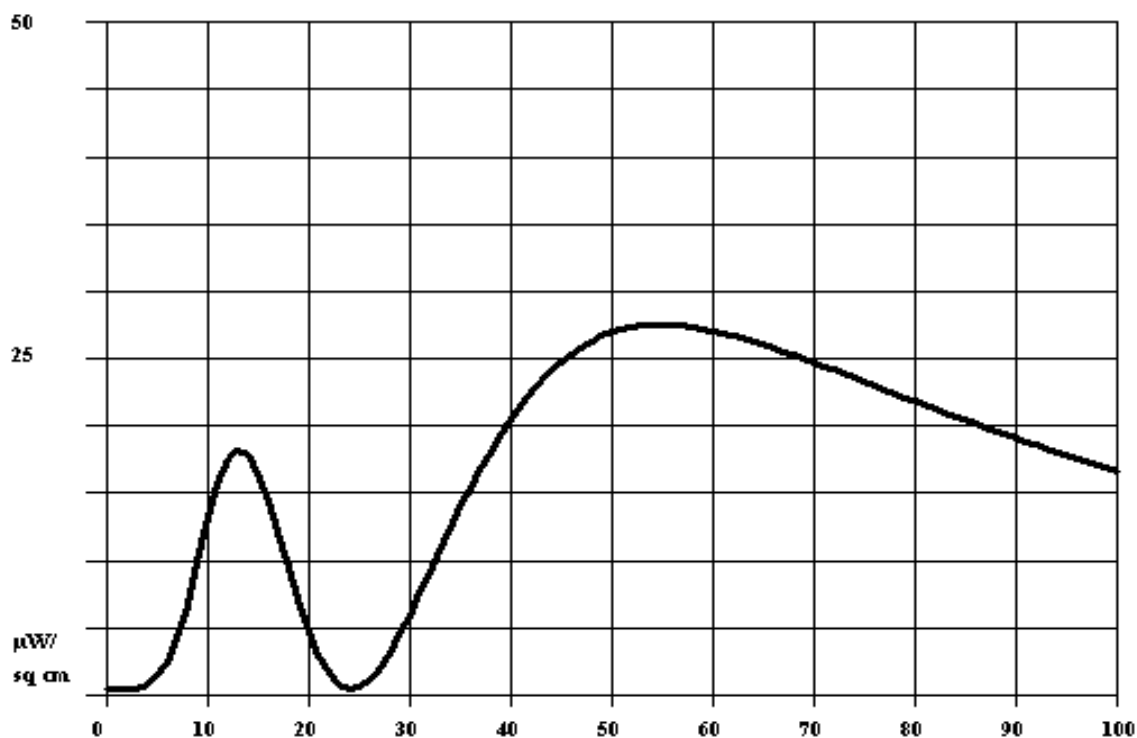


FIGURE 2 - KCRI - 4-BAY ANT
Environment = Uncontrolled, Maximum = 200 $\mu\text{W}/\text{sq cm}$
ERI/JAMPRO JBCP "Roto" (EPA)-Type 3,4 Bays, Spac= 0.5, H=3.2 kW, V=3.2 kW, 14 M A



HORZ. DISTANCE FROM FM RADIATOR VS POWER DENSITY (Microwatt/Square cm)
Dist(Meters) PD (H) PD (V) Total(uW/cm2) Percent Max.

0	0.00	0.00	0.00	0.0
1	0.00	0.00	0.00	0.0
2	0.01	0.01	0.01	0.0
3	0.04	0.04	0.08	0.0
4	0.17	0.14	0.31	0.2
5	0.46	0.42	0.88	0.4
6	1.00	0.98	1.98	1.0
7	1.92	1.86	3.78	1.9
8	3.29	3.02	6.31	3.2
9	5.03	4.48	9.51	4.8
10	6.85	5.98	12.83	6.4
11	8.29	7.12	15.41	7.7
12	9.33	7.84	17.17	8.6
13	9.90	7.99	17.89	8.9
14	9.86	7.69	17.56	8.8
15	8.94	7.25	16.19	8.1
16	7.69	6.45	14.14	7.1
17	6.27	5.44	11.71	5.9
18	4.83	4.34	9.17	4.6
19	3.47	3.22	6.69	3.3
20	2.28	2.17	4.45	2.2
21	1.29	1.28	2.57	1.3
22	0.59	0.61	1.21	0.6
23	0.17	0.19	0.36	0.2
24	0.01	0.01	0.01	0.0
25	0.06	0.06	0.12	0.1

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
26	0.29	0.34	0.63	0.3
27	0.68	0.81	1.49	0.7
28	1.20	1.45	2.64	1.3
29	1.80	2.22	4.02	2.0
30	2.47	3.10	5.57	2.8
31	3.20	3.95	7.15	3.6
32	3.96	4.82	8.78	4.4
33	4.74	5.68	10.41	5.2
34	5.51	6.51	12.02	6.0
35	6.26	7.31	13.57	6.8
36	6.99	8.07	15.06	7.5
37	7.69	8.78	16.47	8.2
38	8.36	9.43	17.79	8.9
39	8.96	10.06	19.02	9.5
40	9.52	10.66	20.17	10.1
41	10.02	11.20	21.23	10.6
42	10.48	11.70	22.18	11.1
43	10.90	12.14	23.04	11.5
44	11.27	12.54	23.81	11.9
45	11.60	12.89	24.49	12.2
46	11.90	13.20	25.09	12.5
47	12.15	13.46	25.61	12.8
48	12.37	13.69	26.05	13.0
49	12.56	13.87	26.43	13.2
50	12.71	14.03	26.74	13.4
51	12.84	14.15	26.99	13.5
52	12.94	14.25	27.18	13.6
53	12.99	14.30	27.28	13.6
54	13.01	14.32	27.32	13.7
55	13.01	14.31	27.32	13.7
56	12.99	14.29	27.29	13.6
57	12.96	14.26	27.21	13.6
58	12.91	14.20	27.11	13.6
59	12.85	14.13	26.99	13.5
60	12.78	14.05	26.83	13.4
61	12.70	13.96	26.66	13.3
62	12.61	13.86	26.47	13.2
63	12.51	13.75	26.26	13.1
64	12.41	13.63	26.04	13.0
65	12.29	13.51	25.80	12.9
66	12.18	13.37	25.55	12.8
67	12.05	13.24	25.29	12.6
68	11.93	13.10	25.03	12.5
69	11.80	12.96	24.76	12.4
70	11.67	12.81	24.48	12.2
71	11.53	12.66	24.19	12.1
72	11.40	12.51	23.91	12.0
73	11.26	12.36	23.62	11.8
74	11.12	12.20	23.32	11.7
75	10.98	12.05	23.03	11.5
76	10.84	11.90	22.74	11.4
77	10.70	11.74	22.44	11.2

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
78	10.56	11.59	22.15	11.1
79	10.42	11.43	21.86	10.9
80	10.29	11.28	21.57	10.8
81	10.16	11.12	21.28	10.6
82	10.03	10.97	21.00	10.5
83	9.90	10.81	20.71	10.4
84	9.77	10.66	20.43	10.2
85	9.64	10.51	20.15	10.1
86	9.51	10.36	19.88	9.9
87	9.39	10.22	19.60	9.8
88	9.26	10.07	19.33	9.7
89	9.14	9.93	19.07	9.5
90	9.02	9.79	18.80	9.4
91	8.90	9.65	18.54	9.3
92	8.78	9.51	18.29	9.1
93	8.66	9.38	18.03	9.0
94	8.54	9.24	17.78	8.9
95	8.43	9.11	17.54	8.8
96	8.31	8.98	17.29	8.6
97	8.20	8.85	17.05	8.5
98	8.09	8.73	16.82	8.4
99	7.98	8.60	16.58	8.3
100	7.87	8.48	16.35	8.2