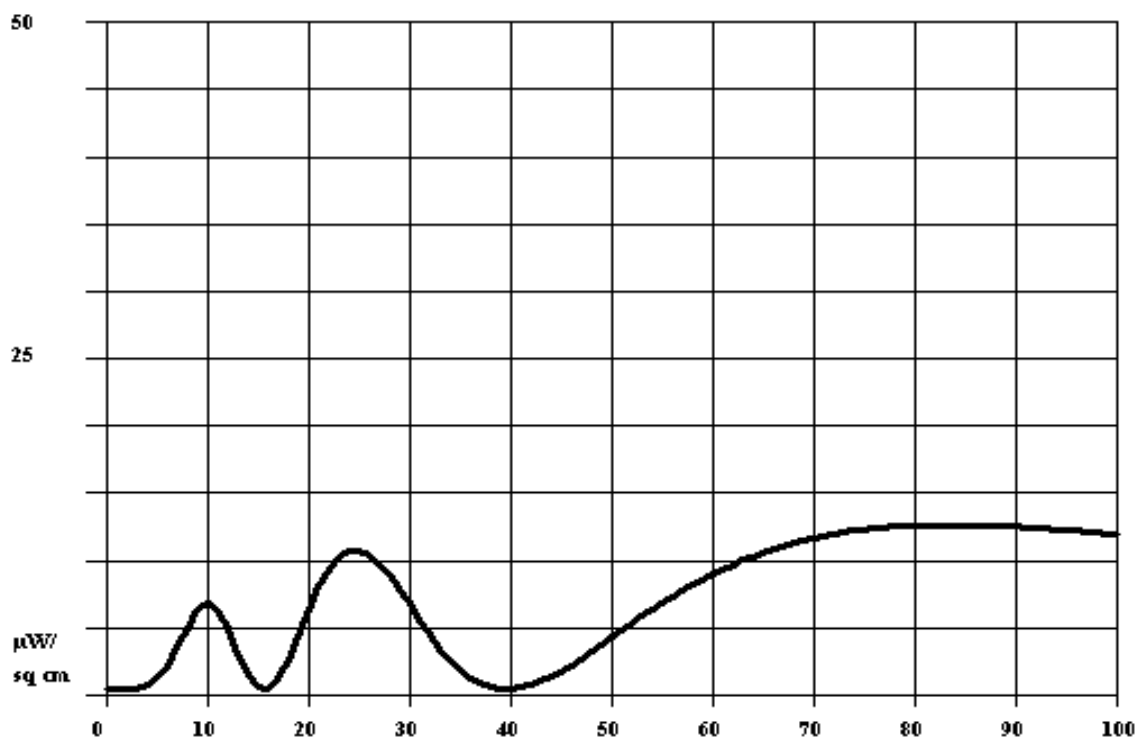


FIGURE 1 - KCRI - 6-BAY ANT  
Environment = Uncontrolled, Maximum = 200  $\mu\text{W}/\text{sq cm}$   
ERI/JAMPRO JBCP "Roto" (EPA)-Type 3,6 Bays, Spac= 0.5, H=3.2 kW, V=3.2 kW, 14 M A



HORZ. DISTANCE FROM FM RADIATOR VS POWER DENSITY (Microwatt/Square cm)  
Dist(Meters) PD (H) PD (V) Total( $\mu\text{W}/\text{cm}^2$ ) Percent Max.

Dist(Meters)	PD (H)	PD (V)	Total( $\mu\text{W}/\text{cm}^2$ )	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	0.30	0.2
5	0.43	0.39	0.83	0.4
6	0.90	0.87	1.77	0.9
7	1.58	1.53	3.12	1.6
8	2.42	2.21	4.63	2.3
9	3.15	2.81	5.96	3.0
10	3.47	3.03	6.50	3.2
11	3.17	2.72	5.89	2.9
12	2.44	2.05	4.49	2.2
13	1.52	1.22	2.74	1.4
14	0.65	0.51	1.16	0.6
15	0.10	0.08	0.19	0.1
16	0.03	0.02	0.05	0.0
17	0.41	0.35	0.76	0.4
18	1.13	1.02	2.15	1.1
19	2.06	1.91	3.96	2.0
20	3.03	2.88	5.91	3.0
21	3.83	3.80	7.63	3.8
22	4.43	4.56	8.99	4.5
23	4.80	5.11	9.91	5.0
24	4.93	5.42	10.34	5.2
25	4.89	5.52	10.41	5.2

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
26	4.68	5.42	10.09	5.0
27	4.33	5.12	9.45	4.7
28	3.87	4.68	8.55	4.3
29	3.36	4.14	7.50	3.8
30	2.83	3.54	6.37	3.2
31	2.31	2.86	5.17	2.6
32	1.83	2.22	4.04	2.0
33	1.38	1.65	3.03	1.5
34	0.99	1.17	2.15	1.1
35	0.66	0.77	1.42	0.7
36	0.39	0.46	0.85	0.4
37	0.20	0.23	0.43	0.2
38	0.07	0.08	0.16	0.1
39	0.01	0.01	0.02	0.0
40	0.00	0.00	0.01	0.0
41	0.05	0.06	0.11	0.1
42	0.14	0.16	0.30	0.2
43	0.28	0.31	0.58	0.3
44	0.44	0.49	0.93	0.5
45	0.63	0.70	1.34	0.7
46	0.85	0.94	1.79	0.9
47	1.08	1.20	2.27	1.1
48	1.32	1.46	2.79	1.4
49	1.57	1.74	3.31	1.7
50	1.83	2.02	3.85	1.9
51	2.09	2.30	4.39	2.2
52	2.35	2.58	4.93	2.5
53	2.60	2.86	5.45	2.7
54	2.84	3.12	5.96	3.0
55	3.07	3.38	6.45	3.2
56	3.30	3.63	6.93	3.5
57	3.52	3.87	7.38	3.7
58	3.72	4.09	7.82	3.9
59	3.92	4.31	8.23	4.1
60	4.11	4.51	8.62	4.3
61	4.28	4.71	8.99	4.5
62	4.45	4.89	9.33	4.7
63	4.60	5.05	9.65	4.8
64	4.74	5.21	9.95	5.0
65	4.87	5.35	10.23	5.1
66	5.00	5.49	10.49	5.2
67	5.11	5.61	10.72	5.4
68	5.21	5.72	10.94	5.5
69	5.31	5.83	11.13	5.6
70	5.39	5.92	11.31	5.7
71	5.47	6.00	11.47	5.7
72	5.54	6.08	11.61	5.8
73	5.60	6.14	11.74	5.9
74	5.65	6.20	11.85	5.9
75	5.70	6.25	11.95	6.0
76	5.74	6.29	12.03	6.0
77	5.77	6.33	12.10	6.1

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
78	5.80	6.36	12.16	6.1
79	5.82	6.39	12.21	6.1
80	5.84	6.40	12.25	6.1
81	5.86	6.42	12.27	6.1
82	5.87	6.42	12.29	6.1
83	5.88	6.42	12.30	6.2
84	5.88	6.42	12.31	6.2
85	5.88	6.42	12.30	6.2
86	5.88	6.41	12.29	6.1
87	5.87	6.39	12.27	6.1
88	5.86	6.38	12.24	6.1
89	5.85	6.36	12.21	6.1
90	5.84	6.34	12.17	6.1
91	5.82	6.31	12.13	6.1
92	5.80	6.28	12.08	6.0
93	5.78	6.25	12.03	6.0
94	5.75	6.22	11.97	6.0
95	5.72	6.19	11.91	6.0
96	5.70	6.15	11.85	5.9
97	5.67	6.12	11.79	5.9
98	5.64	6.08	11.72	5.9
99	5.60	6.04	11.65	5.8
100	5.57	6.00	11.57	5.8