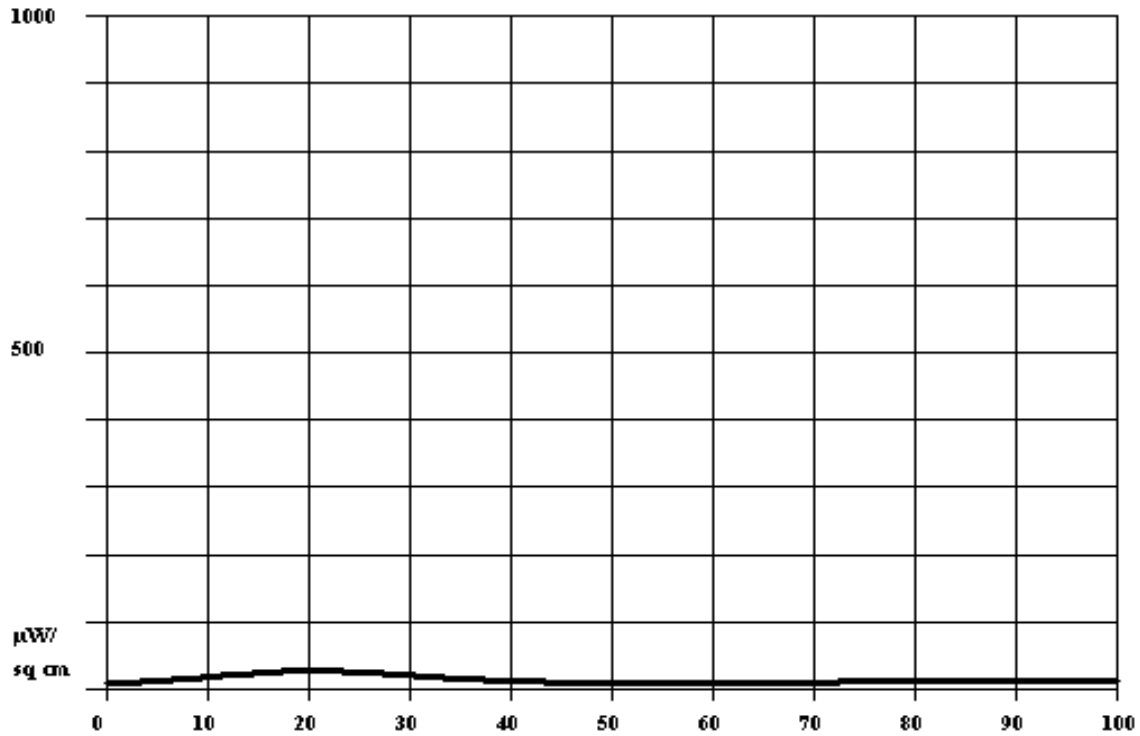


Environment = Controlled, Maximum = 1000  $\mu\text{W}/\text{sq cm}$   
**Shively 6800 series-Type 6, 2 Bays, Spac= 1, H=2 kW, V=2 kW, 31 MAG**



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.

0	0.45	0.25	0.70	0.1
1	0.62	0.25	0.87	0.1
2	0.83	0.25	1.08	0.1
3	1.06	0.32	1.39	0.1
4	1.32	0.65	1.97	0.2
5	1.59	1.08	2.67	0.3
6	2.01	1.69	3.70	0.4
7	2.58	2.49	5.07	0.5
8	3.20	3.40	6.59	0.7
9	3.77	4.12	7.89	0.8
10	4.31	4.74	9.04	0.9
11	4.83	5.34	10.18	1.0
12	5.50	6.01	11.51	1.2
13	6.21	6.67	12.89	1.3
14	6.88	7.29	14.17	1.4
15	7.48	7.81	15.30	1.5
16	8.02	8.23	16.25	1.6
17	8.47	8.57	17.04	1.7
18	8.82	8.82	17.64	1.8
19	9.04	8.98	18.01	1.8
20	9.15	9.05	18.20	1.8
21	9.17	9.03	18.20	1.8
22	9.10	8.92	18.02	1.8
23	8.91	8.74	17.65	1.8
24	8.65	8.49	17.14	1.7

Dist (M)	PD (H)	PD (V)	Total (uW/cm2)	Percent max.
25	8.33	8.18	16.51	1.7
26	7.95	7.82	15.78	1.6
27	7.51	7.34	14.85	1.5
28	7.04	6.84	13.88	1.4
29	6.56	6.33	12.88	1.3
30	6.06	5.81	11.87	1.2
31	5.56	5.31	10.86	1.1
32	5.05	4.82	9.87	1.0
33	4.55	4.35	8.90	0.9
34	4.07	3.90	7.97	0.8
35	3.61	3.46	7.08	0.7
36	3.18	3.05	6.23	0.6
37	2.78	2.66	5.44	0.5
38	2.40	2.30	4.70	0.5
39	2.05	1.97	4.02	0.4
40	1.73	1.67	3.40	0.3
41	1.45	1.39	2.84	0.3
42	1.19	1.15	2.34	0.2
43	0.97	0.93	1.90	0.2
44	0.77	0.74	1.51	0.2
45	0.60	0.58	1.18	0.1
46	0.45	0.44	0.89	0.1
47	0.33	0.32	0.65	0.1
48	0.23	0.22	0.45	0.0
49	0.15	0.15	0.30	0.0
50	0.09	0.09	0.18	0.0
51	0.05	0.04	0.09	0.0
52	0.02	0.02	0.03	0.0
53	0.00	0.00	0.01	0.0
54	0.00	0.00	0.00	0.0
55	0.01	0.01	0.02	0.0
56	0.03	0.03	0.05	0.0
57	0.05	0.05	0.11	0.0
58	0.09	0.09	0.17	0.0
59	0.13	0.12	0.25	0.0
60	0.17	0.17	0.34	0.0
61	0.22	0.21	0.44	0.0
62	0.28	0.26	0.54	0.1
63	0.33	0.32	0.65	0.1
64	0.39	0.37	0.77	0.1
65	0.45	0.43	0.88	0.1
66	0.51	0.49	1.00	0.1
67	0.58	0.55	1.12	0.1
68	0.64	0.61	1.25	0.1
69	0.70	0.67	1.37	0.1
70	0.76	0.73	1.49	0.1
71	0.82	0.79	1.61	0.2
72	0.88	0.85	1.73	0.2
73	0.94	0.91	1.85	0.2
74	1.00	0.97	1.97	0.2

Dist (M)	PD (H)	PD (V)	Total (uW/cm2)	Percent max.
75	1.06	1.03	2.08	0.2
76	1.11	1.08	2.19	0.2
77	1.16	1.14	2.30	0.2
78	1.21	1.19	2.41	0.2
79	1.26	1.24	2.51	0.3
80	1.31	1.29	2.61	0.3
81	1.36	1.34	2.70	0.3
82	1.40	1.39	2.79	0.3
83	1.44	1.43	2.88	0.3
84	1.48	1.48	2.96	0.3
85	1.52	1.52	3.04	0.3
86	1.56	1.56	3.11	0.3
87	1.59	1.59	3.18	0.3
88	1.62	1.62	3.25	0.3
89	1.66	1.65	3.31	0.3
90	1.68	1.68	3.37	0.3
91	1.71	1.71	3.42	0.3
92	1.74	1.73	3.47	0.3
93	1.76	1.76	3.52	0.4
94	1.79	1.78	3.56	0.4
95	1.81	1.80	3.61	0.4
96	1.83	1.82	3.65	0.4
97	1.85	1.84	3.68	0.4
98	1.86	1.85	3.71	0.4
99	1.88	1.87	3.75	0.4
100	1.89	1.88	3.77	0.4