

Environment = Controlled, Maximum = 1000 $\mu\text{W}/\text{sq cm}$

HORZ. DISTANCE FROM FM RADIATOR Vs POWER DENSITY (Microwatt/Square cm)

Dipole/Ring Stub, 4 Spc.= 1 W, Pwr H.=.39 Pwr V.=.39 COR= 37M

Dist(Meters) PD (H) PD (V) Total($\mu\text{W}/\text{cm}^2$) Percent Max.

	1.81	7.71	9.52	1.0
1	1.86	7.82	9.69	1.0
2	1.92	7.92	9.84	1.0
3	1.97	8.01	9.98	1.0
4	2.04	8.26	10.30	1.0
5	2.10	8.56	10.66	1.1
6	2.16	8.82	10.98	1.1
7	2.21	8.92	11.13	1.1
8	2.24	8.84	11.09	1.1
9	2.26	8.72	10.98	1.1
10	2.26	8.53	10.79	1.1
11	2.24	8.26	10.50	1.1
12	2.20	7.93	10.13	1.0
13	2.14	7.55	9.68	1.0
14	2.05	7.14	9.19	0.9
15	1.94	6.71	8.65	0.9
16	1.82	6.22	8.04	0.8
17	1.67	5.69	7.36	0.7
18	1.52	5.06	6.58	0.7
19	1.37	4.41	5.78	0.6
20	1.20	3.77	4.98	0.5
21	1.04	3.17	4.20	0.4
22	0.86	2.62	3.48	0.3
23	0.70	2.12	2.82	0.3
24	0.55	1.67	2.22	0.2
25	0.42	1.26	1.68	0.2
26	0.30	0.92	1.22	0.1
27	0.21	0.62	0.83	0.1
28	0.14	0.39	0.53	0.1
29	0.08	0.22	0.30	0.0
30	0.04	0.11	0.15	0.0
31	0.01	0.04	0.05	0.0
32	0.00	0.01	0.01	0.0
33	0.00	0.00	0.00	0.0
34	0.01	0.02	0.03	0.0
35	0.02	0.05	0.07	0.0
36	0.04	0.09	0.13	0.0
37	0.06	0.14	0.20	0.0
38	0.08	0.18	0.26	0.0
39	0.10	0.22	0.32	0.0
40	0.12	0.25	0.37	0.0
41	0.13	0.27	0.41	0.0
42	0.14	0.29	0.43	0.0
43	0.15	0.29	0.45	0.0
44	0.16	0.29	0.45	0.0
45	0.16	0.30	0.46	0.0
46	0.16	0.29	0.45	0.0
47	0.15	0.28	0.43	0.0