



Distance (meters) = 500 Horizontal ERP (W) = 285 Vertical ERP (W) = 285 Antenna Height (m) = 20
 Antenna Type = 6 'Phelps-Dodge "Ring Stub" or Dipole (EPA) Number of Elements = 2
 Element Spacing = 1 Y-axis (Linear) = -1 X-axis Setup = 0, 500 X (meters) Y ($\mu\text{W}/\text{cm}^2$)

Data for first 31 meters:

0	.293882549732946	16	6.05106346230278
1	.431175064540865	17	5.32625758996957
2	.688365826733256	18	4.59099861909981
3	1.18469045427407	19	3.87377645540715
4	2.07478624104817	20	3.19723710820274
5	3.14362784705864	21	2.57741198883904
6	3.98341340151514	22	2.02056148920402
7	4.89860020930384	23	1.53575812038902
8	5.87183849909627	24	1.12739453121565
9	6.67503892240439	25	.792630358128262
10	7.26560925636059	26	.526432277548356
11	7.60672879169333	27	.322802475655439
12	7.70102493526515	28	.175484878971148
13	7.56337523956557	29	7.72787802039718E-02
14	7.21830585869242	30	2.11500031646739E-02
15	6.72216641716409	31	4.46905358262013E-04

Maximum power density of 7.7 $\mu\text{W}/\text{cm}^2$ reached at 12 meters from the tower, 3.85% of the 200 $\mu\text{W}/\text{cm}^2$ uncontrolled area limit. The addition of this KYCT has at most a de minimis effect on the overall RF environment at this multi-station site.