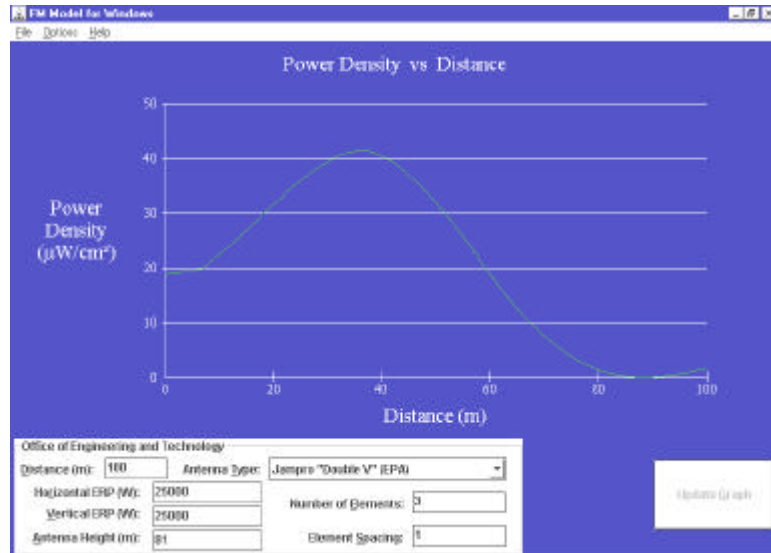


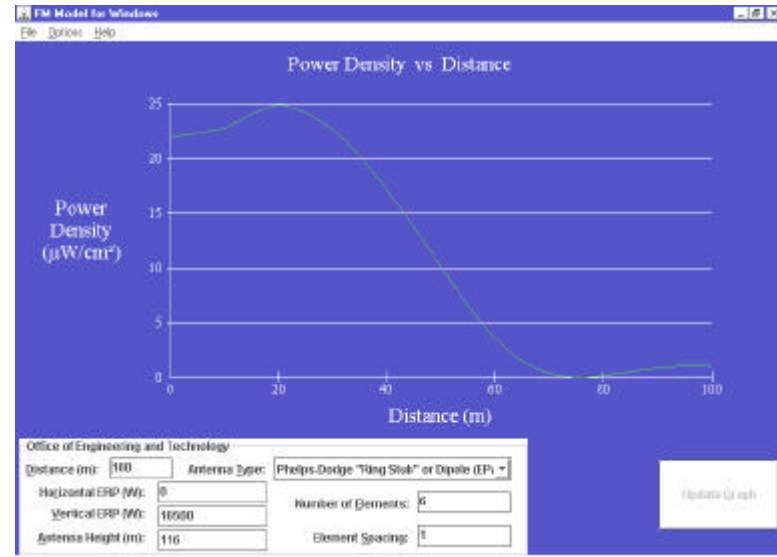
Human Exposure to Radiofrequency Radiation



Study 1

Proposed WFSF

ERP –	25.0 KW (Horiz. & Vert.)
Ht. AGL –	81 m
Power Density –	19 $\mu\text{W}/\text{cm}^2$
Antenna –	Jampro “Double V” (EPA) 3 bay



Study 2

Application for Facility # 85507

ERP –	10.5 KW (Vert. Only)
Ht. AGL –	116 m
Power Density –	22 $\mu\text{W}/\text{cm}^2$
Antenna –	Phelps Dodge “Ring Stub” or Dipole 6 bay

Detail studies were conducted by using the OST FM Model for Windows for both proposed and application facilities for the approved tower. The study for the proposed WFSF used a three (3) element Jampro “Double V” (EPA), 81 meters above ground level, with 25.0 kilowatts (horizontal & vertical). The study for the application of Facility number 85507 used a six (6) element Phelps Dodge “Ring Stub” or Dipole, 116 meters above ground level, with 10.5 kilowatts (vertical only). Listed above are the graphs with results of each study. The combined power density for all facilities is $22.0 \mu\text{W}/\text{cm}^2$, well below the required $0.2 \text{ mW}/\text{cm}^2$ for occupational and $1.0 \text{ mW}/\text{cm}^2$ for general public.