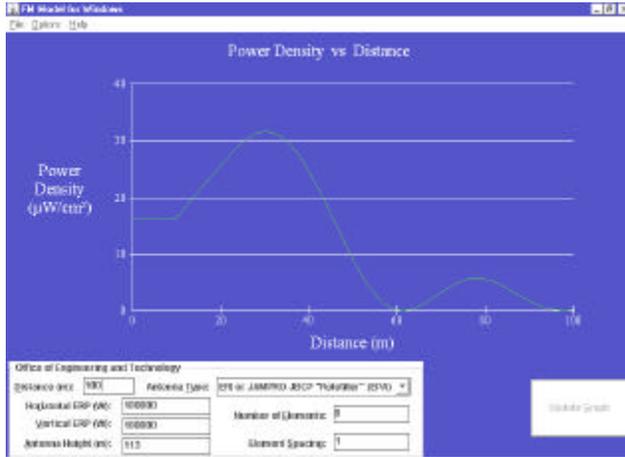


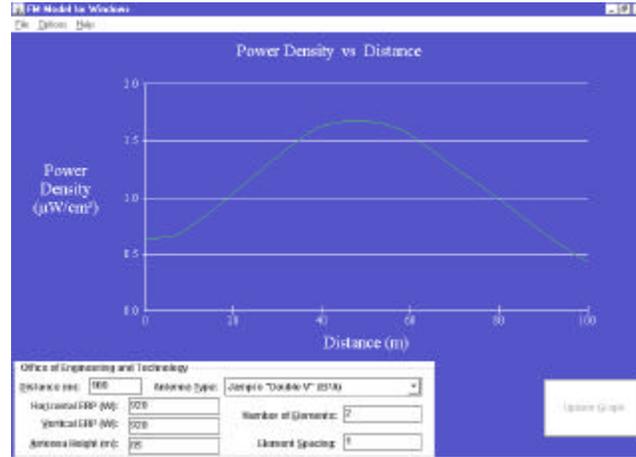
Human Exposure to Radiofrequency Radiation



Study 1

WOKK

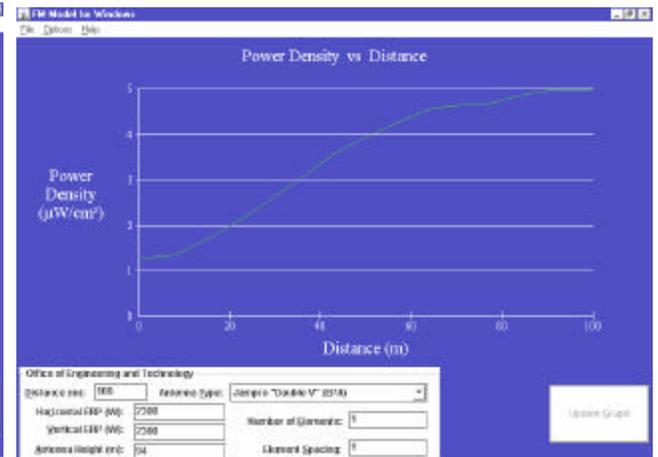
ERP – 100KW
 Ht. AGL – 113m
 Power Density – $17\mu\text{W}/\text{cm}^2$
 Antenna – ERI Rototiller, 8 bay



Study 2

WMMZ

ERP – 0.920KW
 Ht. AGL – 85m
 Power Density – $0.65\mu\text{W}/\text{cm}^2$
 Antenna – ERI Rototiller, 2 bay



Study 3

WVLV

ERP – 2.3KW
 Ht. AGL – 94m
 Power Density – $1.25\mu\text{W}/\text{cm}^2$
 Antenna – Jampro Double V, 1 bay

Detail studies were conducted by using the OST FM Model for Windows for all facilities on the existing tower. Listed above are the graphs with results of each study. The combined power density for all facilities is $17.85\mu\text{W}/\text{cm}^2$, well below the required $0.2\text{mW}/\text{cm}^2$ for occupational and $1.0\text{mW}/\text{cm}^2$ for general public.