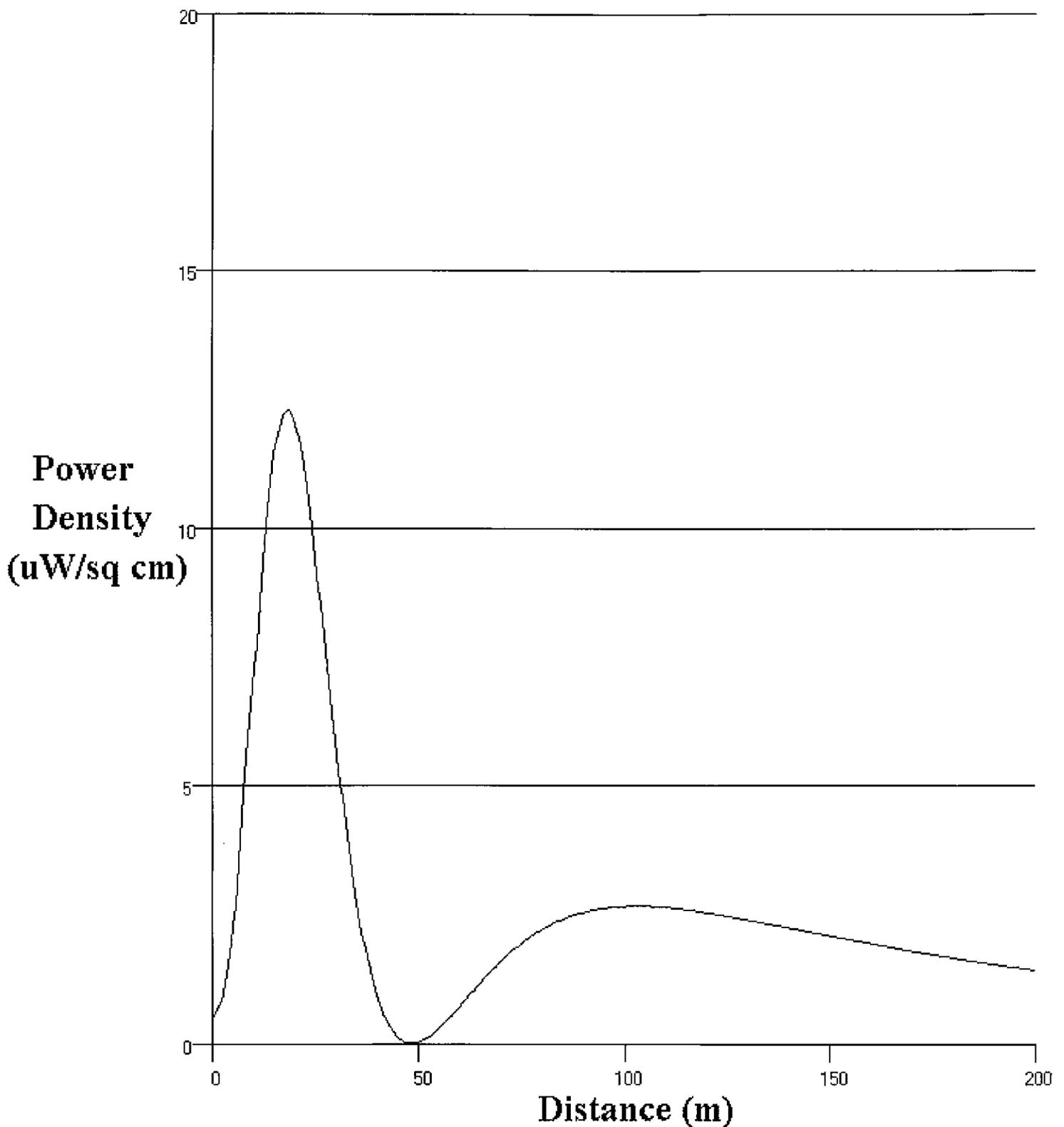


# Power Density vs Distance



Modified from FMMODEL, a program written by the FCC Office of Engineering and Technology

|                     |                                  |                     |  |  |
|---------------------|----------------------------------|---------------------|--|--|
| Distance(m):        | <input type="text" value="200"/> | Antenna Type:       | <input type="text" value="Shively 6800 series"/> | <b>WGWS</b>                                      |
| Horizontal ERP(kW): | <input type="text" value="1.1"/> | Number of Elements: | <input type="text" value="2"/>                   | 12.2836 $\mu\text{W}/\text{sq cm}$               |
| Vertical ERP(kW):   | <input type="text" value="1.1"/> | Element Spacing:    | <input type="text" value="1"/>                   | at 18.4 Meters                                   |
| Antenna Height (m): | <input type="text" value="30"/>  |                     |  | 1.2% of Occupational Limit 6.1% of General Limit |