

Statement of Compliance with RF Radiation Exposure Limits

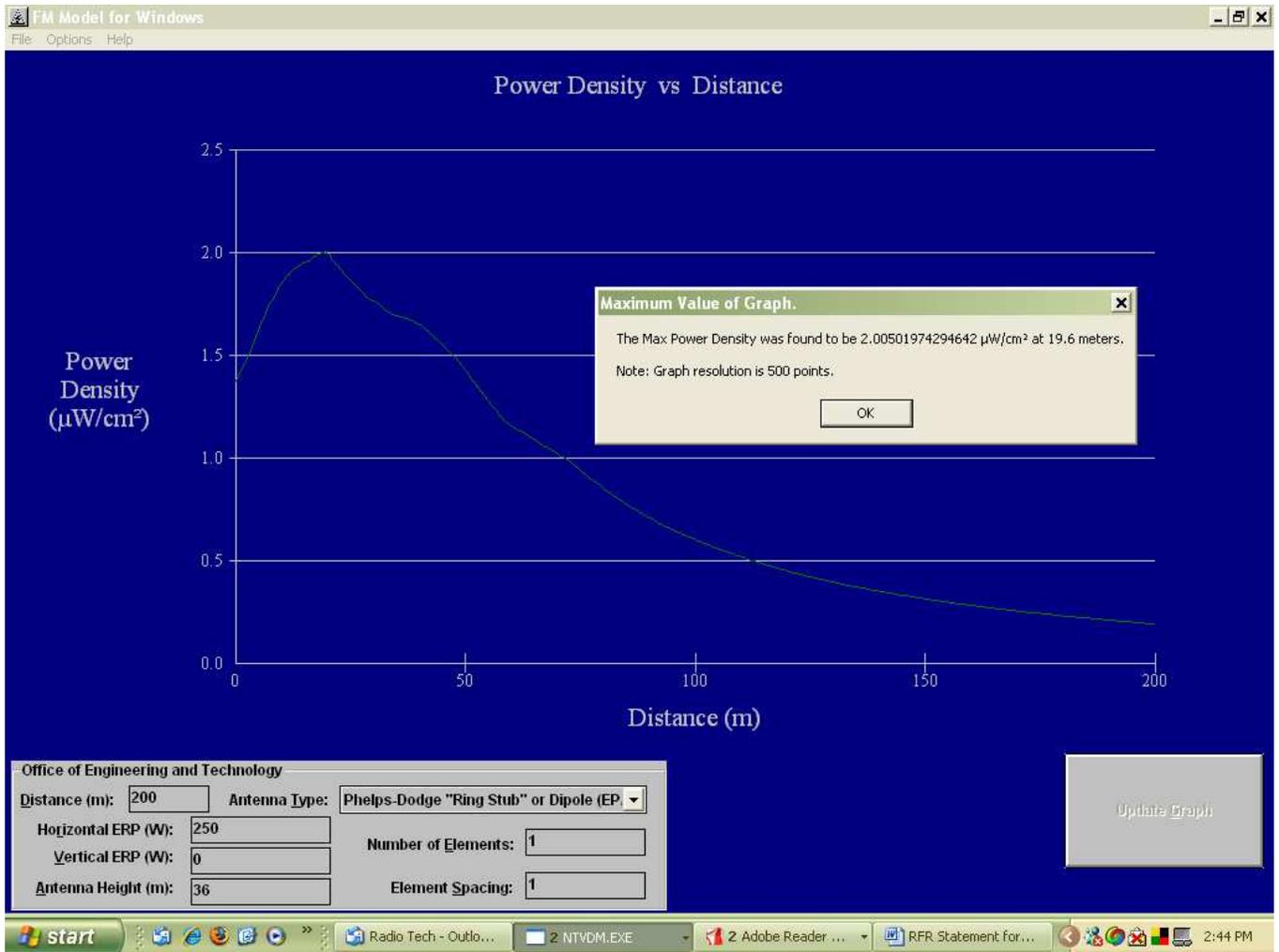
The RF radiation at 2 meters AGL from the antenna for K227AE is in compliance with FCC guidelines limiting human exposure to radio frequency energy. The antenna for K227AE is composed of two Scala CLFM Log Periodic Dipole beams, one for horizontal polarization at 36 meters AGL and the other for vertical polarization at 33 meters AGL. The power density calculations were made using the FCC's FM Model for Windows program (version 2.10 Beta, March 22, 1995) and the results are shown in Pictorials 1 and 2. Total maximum calculated power density is shown in the chart below:

Station	Arithmetic Sum of Power Densities	% of Public Exposure Limit	% of Occupational Exposure Limit
K227AE	3.7 $\mu\text{W}/\text{cm}^2$	1.8%	0.3%

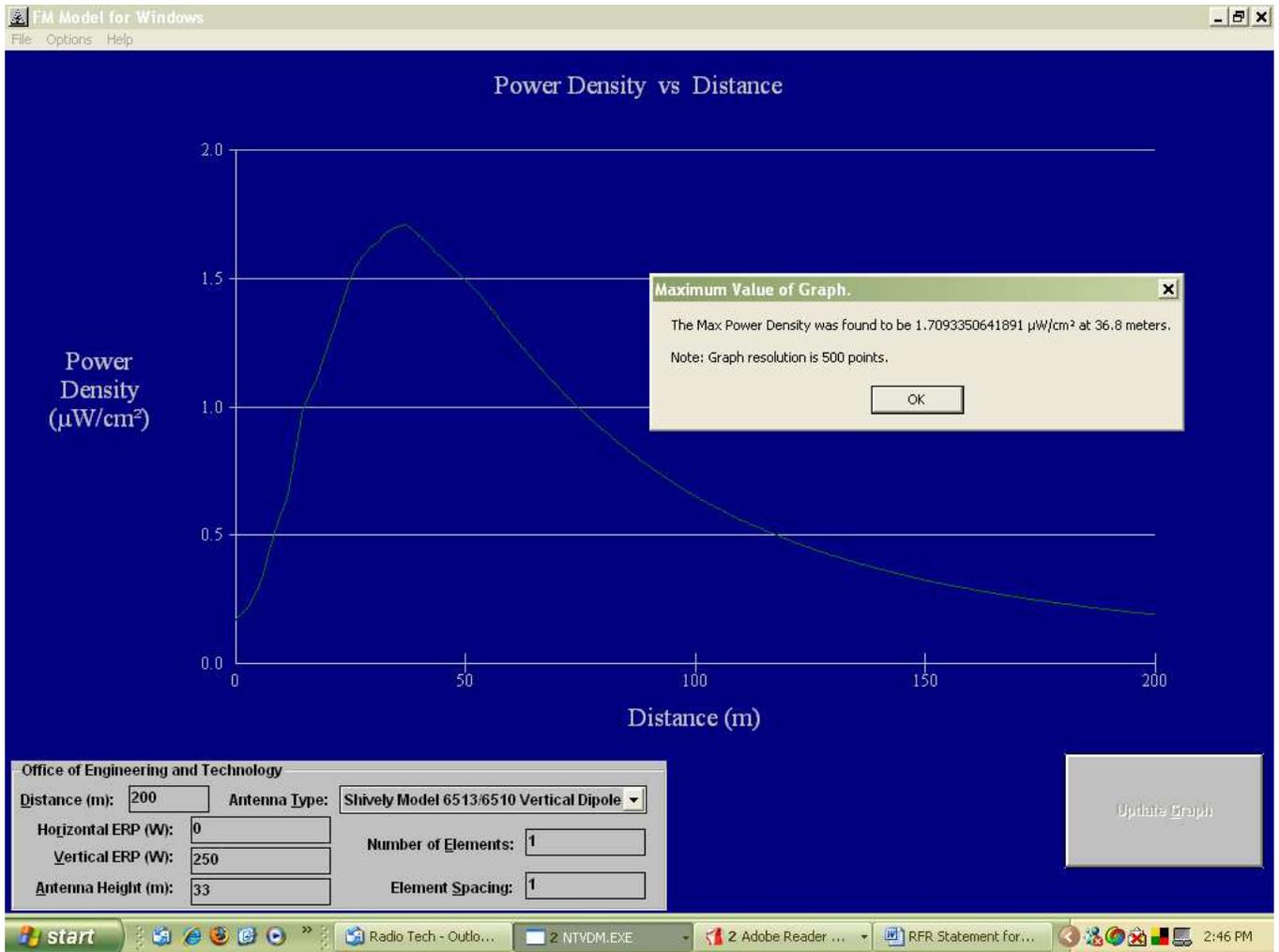
The maximum Occupational Exposure Limit specified in Docket 93-62 (October 15, 1997) for the FM broadcast band is 1,000 $\mu\text{W}/\text{cm}^2$, and the more restrictive Public Exposure Limit is 200 $\mu\text{W}/\text{cm}^2$. The calculated maximum power density from K229AE is only 1.8% of the Public Exposure Limit, and 0.3% of the Occupational Exposure Limit as determined with FM Model.

Section 1.1307(b)(3) of the Commission's Rules excludes applications for new facilities or modifications to existing facilities from the requirement of preparing an environmental assessment when the calculated emissions from the applicant's proposed facility is predicted to be less than 5% of the applicable FCC exposure limit. Therefore, the K227AE's facility as constructed per Construction Permit BPFT-20061213AHI, is in compliance with Section 1.1310 *et seq* and no further analysis of non-ionizing radiation at this site should be required.

The above notwithstanding, applicant certifies that it has taken all steps necessary pursuant to OET Bulletin No. 65, Edition 97-01, released August 1997 to ensure that no member of the public or any station personnel or contractors are exposed to excessive electromagnetic radiation from K229AE's antenna. These steps include posting of warning signs, physical securing of tower access to allow only authorized personnel and the requirement that appropriate safety procedures be strictly observed by any person accessing the tower. This includes the requirement that all stations at the site reduce power or cease operation as appropriate before any work is commenced on the antenna tower.



Pictorial 1 showing power density vs. distance for the Horizontal K227AE antenna



Pictorial 2 showing power density vs. distance for the Vertical K227AE antenna