

RF HAZARD STATEMENT

RADIO STATION WAXA
PINE ISLAND CENTER, FLORIDA
1200 kHz, 0.75 kW, U, DA-1

This statement was prepared for AM broadcast station WAXA, Pine Island Center, Florida (1200 kHz). This statement concerns an evaluation of compliance with Section 1.1307(b) of the FCC Rules* regarding human exposure to radio frequency (RF) energy.†

The proposed WAXA facility will operate with a three-tower directional antenna system with a nominal power level of 0.75 kW. All three antenna tower elements have an electrical height of 85.6° (0.24 wavelength).

All towers are enclosed by fences that are located no less than 3 meters from the base of each respective tower. Supplement A of the FCC OET Bulletin No. 65 was employed to determine the minimum distance for compliance with the RF exposure requirements.‡ Pursuant to Table 2 of Supplement A, for antenna with a height of 0.25 wavelength, with a transmitter power of 1 kW, the minimum distance for compliance with the FCC RF exposure standard is 1 meter. Therefore, the WAXA antenna system is compliant with the FCC RF exposure requirements. In the event that personnel need to enter the fenced area, the power level shall be reduced or terminated as necessary to prevent human exposure to radio frequency energy in excess of FCC specified levels.

* See Rules of the United States Federal Communications Commission (FCC), generally at Title 47 of the Code of Federal Regulations (Telecommunication).

† See FCC Office of Engineering and Technology Bulletin No. 56 for background information on non-ionizing RF energy of the type discussed here. Internet web reference:

http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf

‡ See FCC Office of Engineering and Technology Bulletin No. 65, *Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields*, Edition 97-01, released August, 1997, and *Supplement A: Additional Information for Radio and Television Broadcast Stations*