

Exhibit 22 Page 1
Community Public Radio, Inc.
Environmental Assessment
Patterson, Georgia

The proposed antenna construction does not require any action covered by FCC R&R 1.1307(a).

The proposed facility will not be located in an officially designated wilderness area, nor will it be located in an officially designated wildlife preserve.

The proposed facility will not affect listed threatened or endangered species or designated critical habitats; nor is it likely to jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973.

The proposed facility will not affect districts, sites, buildings, structures or objects, significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places. (See 16 USC 470w(5); 36 CFR Parts 60 and 800.)

The proposed facility will not:

- (1) Affect Indian religious sites;
- (2) Be located in a flood plain;
- (3) Involve significant change in surface features (e.g., wetland fill, deforestation or water diversion);
- (4) be equipped with high intensity white lights which are to be located in residential neighborhoods.

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The following environmental assessment has been prepared as required by FCC R&R 1.1307(b).

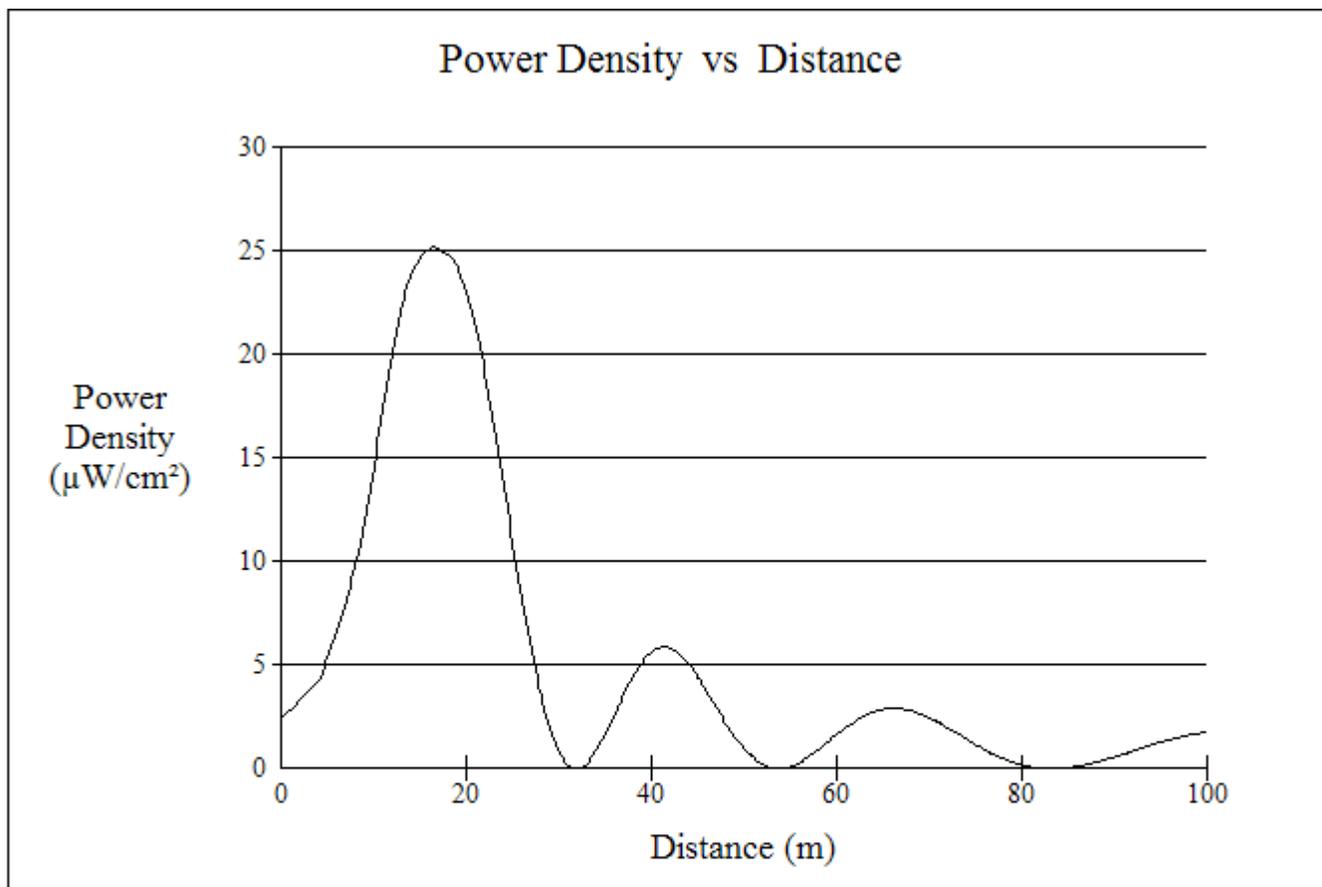
The applicant proposes facilities of 17.0 kilowatts effective radiated power using vertical polarization with an antenna center of radiation 50 meters above ground level.

The power density for 17.0 kilowatts at 50 meters at a vertical radiation angle of 0 degrees is $25.117791 \mu\text{W}/\text{cm}^2$, or 13% of the maximum allowed $200 \mu\text{W}/\text{cm}^2$ for the general population. Figure 1 shows the calculations from the FCC FMModel program. The radiation is predicted to occur at 16.4 meters from the tower. Radiation at this location is within ANSI/FCC standards.

The station will use an existing tower. ASR 1063346. The site has an effective locked fence around the tower. The applicant will take RF measurements to ensure compliance with OET 65 concerning ground level radiation exposure.

The applicant certifies that it will cooperate with other users of the site, and will reduce power or cease operation as necessary to protect workers and others having access to the site from RFR in excess of FCC guidelines.

**Exhibit 22 Figure 1
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Office of Engineering and Technology

Distance (m):	<input type="text" value="100"/>	Antenna Type:	<input type="text" value="Shively 6810"/>
Horizontal ERP (W):	<input type="text" value="17000"/>	Number of Elements:	<input type="text" value="6"/>
Vertical ERP (W):	<input type="text" value="17000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="50"/>		

Maximum Value of Graph. ✕

The Max Power Density was found to be 25.117791076532 µW/cm² at 16.4 meters.

Note: Graph resolution is 500 points.