

**Exhibit 24 Page 1**  
**Shofar Broadcasting Corporation**  
**Environmental Assessment**  
**Charleston, West Virginia**

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.

**Exhibit 24 Page 2**  
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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 4.0 kilowatts effective radiated power circular with an antenna center of radiation 58 meters above ground.

The highest power density for 4.0 kilowatts at 58 meters occurs at a distance of 209 meters from the base of the structure. At this location the power density is calculated to be  $2.32047 \mu\text{W}/\text{cm}^2$ . This is 1.2% of the FCC uncontrolled environment maximum of  $200 \mu\text{W}/\text{cm}^2$ , and 0.2% of the controlled environment of  $1000 \mu\text{W}/\text{cm}^2$ . The exposure limit has been calculated out to a distance of 500 meters from the base of the tower. Radiation at this location is within ANSI/FCC standards.

Since the facility will not produce RF that equals, or is greater than, 5% of the  $200 \mu\text{W}/\text{cm}^2$  uncontrolled limit for exposure, the station complies with the guidelines found in the OET-65 document.

In addition to the above-mentioned RF compliance, the permittee/licensee will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

**Exhibit 24 Figure 1**  
**Shofar Broadcasting Corporation**  
**Power Density vs. Distance**  
**Charleston, West Virginia**



**Maximum Value of Graph.**

The Max Power Density was found to be 2.32047152649957  $\mu\text{W}/\text{cm}^2$  at 209 meters.

Note: Graph resolution is 1000 points.

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