

Exhibit 8 Page 1
Mountain Wireless, Inc.
Environmental Assessment
Skowhegan, Maine

The proposed 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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Special Operating Condition 1 of the Construction Permit states "If any other type or size of antenna is to be used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC Form 302-FM, application for license, BEFORE program test will be authorized. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines."

The application for construction permit specified use of a full wave spaced 4 bay Shively 6810. Applicant has purchased and installed a full wave spaced 3 bay ERI SHPX-3AE.

The following is the revised RF field showing to demonstrate continued compliance with the environmental assessment as required by FCC R&R 1.1307(b).

The applicant proposes facilities of 32.0 kilowatts effective radiated power circular with an antenna center of radiation 55 meters above ground.

The highest power density for 32.0 kilowatts at 55 meters occurs at a distance of 27 meters from the base of the structure. At this location the power density is calculated to be $79.774377 \mu\text{W}/\text{cm}^2$. This is 39.9% of the FCC uncontrolled environment maximum of $200 \mu\text{W}/\text{cm}^2$, and 8.0% of the controlled environment of $1000 \mu\text{W}/\text{cm}^2$. The exposure limit has been calculated out to a distance of 400 meters from the base of the tower. Radiation at this location is within ANSI/FCC standards.

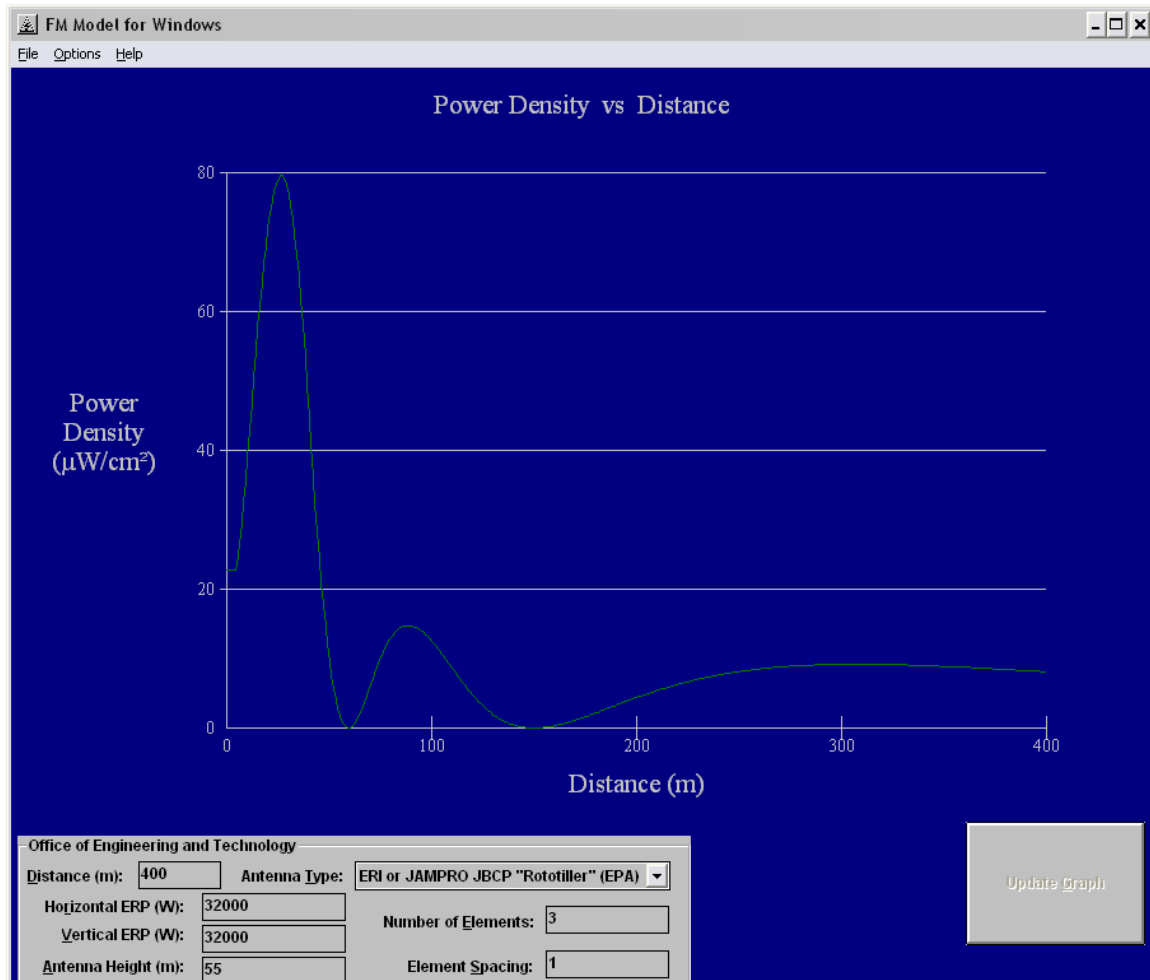
The permittee/licensee will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Exhibit 8 Figure 1

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Maximum Value of Graph.

The Max Power Density was found to be 79.7743771791601 $\mu\text{W}/\text{cm}^2$ at 27 meters.

Note: Graph resolution is 400 points.

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