

**Technical Statement  
In Support of  
Saranac Lake Radio, LLC  
W290AT, FCC Facility ID 148182**

**Application for License to Cover Construction Permit  
Request for Relief from RF Exposure Measurement Requirement**

Saranac Lake Radio has constructed the minor modification to W290AT as permitted under Construction Permit BPFT-20090507ADL.

The antenna location is on an existing pole that is side mounted on an existing building. The antenna is mounted 9m above ground level and 3m above the roof of the building. This arrangement passes TOWAIR (see attached results page).

The building has no access to the roof of any kind. Appropriate signage is being provided on the building. The calculated RF exposure on the ground is  $60\mu\text{W}/\text{cm}^2$ , or only 30% of the permissible level for casual exposure. Given the inaccessibility of the roof and the low exposure level on the ground, relief is requested from the CP requirement that the RF exposure be measured prior to operation.



David J. Doherty

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# TOWAIR Determination Results

**\*\*\* NOTICE \*\*\***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

<b>DETERMINATION Results</b>	
<b>Structure does not require registration. The structure meets the 6.10-meter (20-foot) Rule criteria.</b>	
<b>Your Specifications</b>	
<b>NAD83 Coordinates</b>	
Latitude	44-41-26.0 north
Longitude	073-32-00.0 west
<b>Measurements (Meters)</b>	
Overall Structure Height (AGL)	9
Support Structure Height (AGL)	6
Site Elevation (AMSL)	110
<b>Structure Type</b>	
BPOLE - Building with Pole	

[Tower Construction Notifications](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

**CLOSE WINDOW**