

Environmental Impact & RFR Compliance Statement

WFRC proposes to locate its temporary facility on an existing AM communications tower that is in full compliance with all requirements of Section 1.1307 of the Commission's rules. No change to the tower, including the height, is proposed.

WFRC will operate with 1.9 kW (circular, non-directional) ERP at a height above ground of 63.9 meters. For a worst case estimation, the RFR at 2 meters above ground level at the base of the tower is 3.3% of the MPE limit for occupational/controlled exposure, or 16.5% of the MPE limit for general population/uncontrolled exposure.

The tower is also the location of WHAL (AM), which is licensed at 4.0 kW day and .140 kW night, and WDAK (AM), which is licensed at 4.0 kW day and .038 kW night. The AM tower is fenced at a distance of 2.7 meters, which is sufficient for RFR compliance for the AM facilities. There is also a perimeter fence that is a minimum of 200' surrounding the tower, with a locked gate and appropriate RFR hazard warning signs posted. This area is accessible to only authorized personnel and thus is the occupational/controlled exposure area, resulting in the proposed FM STA facility to be in compliance with the MPE limits for both occupational/controlled exposure and for general population/uncontrolled exposure.

The Applicant certifies that in cooperation with other users of the site, all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations. Information pertaining to the contact representative of the facility will be posted.