

ENVIRONMENTAL STATEMENT
Squirrel Broadcasting, LLC
April, 2021

It has been determined using OET Bulletin 65 and its Supplements that the proposed digital operation for WAWW-LP will comply with RF exposure limits for controlled and uncontrolled environments and that the power of other facilities on the tower will be reduced or operation ceased as necessary for the safety of tower workers while in the vicinity of the various antennas on the tower.

WAWW-LP proposes to operate on UHF channel 30 (569 MHz) where the maximum “uncontrolled” exposure in RFR environments would be 379.33 microwatts per square centimeter.

With 15.0 kW ERP horizontally polarized and 4.5 kW vertically polarized, the proposed antenna centered at 34 m. above ground and with less than or equal to a 0.10 field below 15 degrees with respect to the horizon, would result in an RF exposure as follows:

$$S = 33.4 (.01) (19500) / 1156 = 6513 / 1156 = 5.63 \text{ uw/sq. cm}$$

At this level, the RF exposure would be 1.48% of the maximum and due to the proposed facility not exceeding 5% of the uncontrolled and controlled exposure limits per Section 1.1307(b)(3) of the Commission’s Rules, the contribution of the power density from this proposal would be considered insignificant.