

RF HAZARD STATEMENT
LOW POWER TELEVISION STATION
WRCX-LP, DAYTON, OHIO
TELEVISION CHANNEL 9 (186-192 MHz)

With respect to the potential for human exposure to radio frequency (RF) energy, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF energy at ground level in excess of FCC standards.¹

Power density calculations were conducted at 2-meters above ground based on the following conservative assumptions:

- The power density is calculated using the antenna radiation center height above ground level (RCAGL) minus 2 meters.
- The downward relative field value for the antenna used in the table below is from the antenna manufacturers data concerning values in the vertical plane for all angles greater than 20 degrees below the horizon.
- The FCC Limit is provided in mW/cm² and is calculated for the "General Population/Uncontrolled Areas" in accordance with the OET Bulletin 65 cited above.²
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POWER DENSITY CALCULATIONS AT 2 METERS ABOVE GROUND

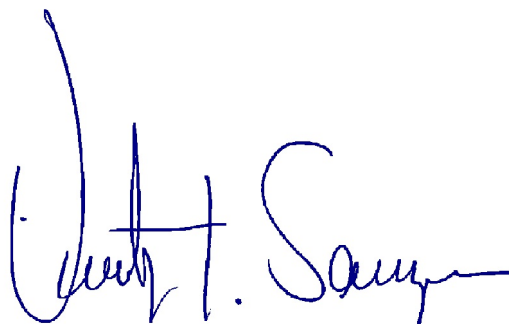
| Limit to | Channel | Average ERP (kilowatts) | Antenna AGL Height Calculation Distance (meters) | Relative Field (Antenna) | FCC Limit (mW/cm ²) | Cal. Value (mW/cm ²) | % of FCC Limit Occupied Areas |
|----------|---------|-------------------------|--|--------------------------|---------------------------------|----------------------------------|-------------------------------|
| PUBLIC | 9 | 3.0 | 280.0-2.0 = 278.0 m | 0.30 | 0.2000 | 0.0001 | 0.06% |
| WORKER | 9 | 2.0 | 280.0-2.0 = 278.0 m | 0.30 | 1.0000 | 0.0001 | 0.01% |

The calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 0.06 percent of the general population/uncontrolled maximum permitted exposure limit. This is well below the five percent threshold limit described in 47 CFR §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

The licensee, in coordination with the other users of the transmission facility will reduce power or cease operation as necessary to protect persons having access to the tower or antenna from RF energy in excess of the FCC guidelines.

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¹ 47 CFR §1.1310 of the FCC Rules and Regulations.

² The FCC public/uncontrolled area power density limit (in mW/cm²) as used for UHF television channels (14-36), is calculated as frequency in MHz/1500, the limit for worker/controlled area is frequency in MHz/300. For VHF television channels (2-13), a uniform value of 0.20 mW/cm² is assigned for the public/uncontrolled area limit, and 1.0 mW/cm² for the worker/controlled area limit.