

Environmental Effects

Educational Media Foundation (“EMF”) certifies that WPAY complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because WPAY is an AM broadcast facility.

WPAY is a Class B station, operating at 1520 kHz day and night via a 5-tower directional array, with 0.5 kW day and 0.4 kW night. The towers are all 166.9° (0.464 λ) tall and are spaced at 120° intervals.

Per Table 3, the 0.5 wavelength table in OET-65 Supplement A for a transmitter power of 1 kilowatt (the lowest power given) and a frequency between 1350 and 1540 kHz, the Predicted Distance for Compliance with FCC Limits is 2 meters.

The base of each tower is surrounded by a locked fence that is more than 2 meters from the tower. Therefore, WPAY fully complies with the FCC’s maximum permissible radiofrequency electromagnetic exposure limits.