

**Human Exposure to Radiofrequency Electromagnetic Field
&
Section 106 Compliance
(Environmental)**

Universal Broadcasting Network, LLC ("Universal") is the licensee of WWWW, Channel 288C2, Facility ID No. 34355, Islamorada, Florida. Universal proposes to locate WWWW to a new tower. The new application site is existing tower 77.1 meters in overall height and registered with FCC Antenna Structure Registration (ASR) number 1308371. The application site coordinates are 25-01-38.8 North Latitude and 80-30-27.8 West Longitude (NAD27). WWWW will operate with a six bay full wave side mounted ERI MP-6C six bay circular polarized antenna with 50.0 kilowatts ERP at 69 meters HAAT and a center of radiation of 68 meters above ground level. No modifications to the tower are being proposed. Therefore it is believed that this proposed facility is exempt from a Section 106 review by the SHPO/THPO.

The proposed WWWW operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. The ERI antenna is included in the revised FM Model Program under Type 3 Opposed "U" dipole. Using the FM Model for Windows the predicted power density near the tower at two meters above ground level attributable to the proposed facility is $44.89 \mu\text{W}/\text{cm}^2$ at 17.8 meters, which is 22.45 percent of the general population/uncontrolled maximum permitted exposure limit and 4.49 percent of the limit for "controlled" environments. This is well below the five percent threshold limit described in 1.1307(b) regarding sites with multiple emitters, which excludes applicant from responsibility for taking any corrective action in areas where the proposal's contribution is less than five percent.

The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission during times of maintenance or inspection.