

Engineering Exhibit  
WUSW  
Facility ID 54611

The combined facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The antenna system is an ERI, SHPX-12AC6, 12 bay, full wave spaced antenna, mounted with its center of radiation 281 meters above ground level. This antenna is shared simultaneously with station WNSL and will operate with a combined effective radiated power of 200 kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 61 meters from the base of the tower, this proposal will contribute worst case 8 microwatts per square centimeter, or 0.8 percent of the allowable ANSI limit for controlled exposure, and 4 percent of the allowable limit for uncontrolled exposure. Therefore, it is believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will cooperate with other users of the site 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 should anyone be required to climb the tower for maintenance or inspection.