

Engineering Exhibit
WKSS (FM), Hartford-Meriden, CT (FID 53384)

RF Radiation Compliance

The proposed 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 proposed antenna will serve as the auxiliary facility for WKSS(FM). The proposed antenna system is an ERI, MPX-1E, single bay antenna, mounted with its center of radiation 39.6 meters above ground level and will operate with an effective radiated power of 3.2 Kilowatts in both the horizontal and vertical planes.

Environmental Considerations

Due to the complexity of the surrounding RF environment, WKSS will take power density measurements prior to filing of an application for license to demonstrate compliance with 74CRR 1.1306.