

Environmental Considerations
UniMas Partnership of San Antonio
KNIC-CD San Antonio, TX
Ch 34 11.7 kW-DA 125 m

KNIC-CD operates atop the Weston Center building, which has numerous communications facilities on its rooftop. Use of an existing structure is environmentally preferred over the construction of new facilities.

Relocation of the antenna, from a temporary attachment to a cable ladder on a penthouse wall, to a permanent, short, supporting tower extending 5.8 meters above the penthouse roof, is proposed. This tower section is contained within the building's overall and penthouse roof perimeters.

Access to the rooftops is restricted to personnel servicing the equipment located there. Appropriate radiofrequency energy (RFE) advisory signs are posted to ensure that workers can properly manage their exposure to radio frequency energy. RFE measurements on the present KNIC-CD antenna installation, located at a lower point on the roof and slightly higher power, have shown no exposure issues in areas ordinarily accessed, so it is not expected that there will be any issues with the less-accessible installation proposed. If RFE measurements indicate it necessary, the KNIC digital transmitter will be interlocked with the rooftop access door to ensure worker safety. Due to the low power of this facility and the antenna's distance from areas accessible to the general population, RFE is not expected to be significant in such locations.

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