

Environmental Considerations

Application for Displacement Construction Permit
Caribbean Broadcasting Network, LLC
WSJP-LD
DTV Channel 26
Aguadilla, Puerto Rico

The proposed WSJP-LD antenna will remain at the present tower, same radiation center above ground and will operate at an ERP of 4.5kW on DTV Channel 26. The proposed modification was evaluated for potential radio frequency exposure to workers and general public. Based on a radiation center at 50.6 meters above ground, a maximum relative antenna field of 0.2 between 60 and 90 degrees from horizontal and a total ERP of 4.5kW, the calculated RF exposure at two meters above ground will not exceed $1.91 \mu\text{W}/\text{cm}^2$ or 0.53% of the $363.33 \mu\text{W}/\text{cm}^2$ general population uncontrolled limit applicable to DTV channel 26.

The transmitter site is restricted from access.

The tower is not located in flood plain, a wilderness area or in a wildlife preserve that might affect threatened and endangered species or their habitat, it is not located in an Indian religious and/or cultural site. No significant changes in surface features will take place.

In the event that workers are required to climb the tower the WSJP-LD site emission shall be reduced or terminated as necessary to prevent RF radiation exposure above the FCC limits.

As described above the proposed modifications will not have a significant environmental effect.

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