

Environmental Considerations

Application for Construction Permit
Lieberman Media Group LLC
WLII-DT
Channel 11
Caguas, Puerto Rico

The proposed WLII-DT minor modification will increase the WLII-DT effective radiated power from 38 kW circular polarization to 180 kW circular polarization, no other changes are proposed.

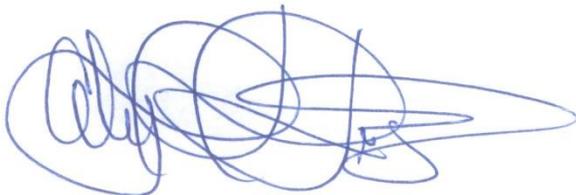
The proposed modification was evaluated for potential radiofrequency exposure to workers and the general public. Based on a radiation center at 63.0 meters above ground, a relative antenna field factor of 0.076 at 59 degrees depression from horizontal and a total ERP of 360kW, the calculated RF exposure at two meters above ground will not exceed $12.86 \mu\text{w}/\text{cm}^2$ or 6.43% of the $200 \mu\text{w}/\text{cm}^2$ general population uncontrolled limit applicable to the 30 to 300 MHz band. It should be mentioned the WLII-DT operates on VHF channel 11, 198 – 204 MHz.

The transmitter site is restricted from access.

The tower is not located in a 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.

If workers are required to climb the tower the WLII-DT site emission shall be reduced or terminated as necessary to prevent RF radiation exposure above the FCC limits.

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



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