

Environmental Considerations  
Application for Minor Change  
Caguas Educational TV, Inc.  
WUJA-DT  
Channel 24  
Caguas, Puerto Rico

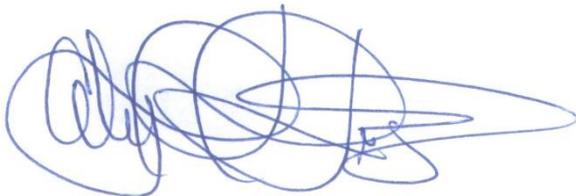
The proposed WUJA-DT minor change was evaluated for potential radiofrequency exposure to workers and the general public. Based on a radiation center at 34 meters above ground, a relative antenna field factor of 0.16 at 61 degrees depression from horizontal, and a total ERP of 156 kW, the calculated RF exposure at two meters above ground will not exceed  $99.67 \mu\text{w}/\text{cm}^2$  or 28.05% of the  $355.33 \mu\text{w}/\text{cm}^2$  general population uncontrolled limit applicable to DTV channel 24.

The transmitter site is restricted from access.

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

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

The proposed modifications will not have a significant environmental effect as described above.



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