

Engineering Statement and Environmental Considerations
Application for Minor Change Construction Permit
W03BY-D, DTV Channel 3 (60-66 MHz)
Ponce, Puerto Rico

With this application, Telecinco Inc. W03BY-D licensee, Facility ID: 182384, requests to relocate W03BY-D to a tower 20.17 Km (12.54 miles) north of the present site. That distance is within the allowed 30 miles for LPTV relocation. Additionally, W03BY-D requests TV-Study processing using a cell size of 1.0 km. and profile increments of 0.05 km. Therefore, as proposed, this application complies with all interference requirements except for W03BZ-D, Facility ID: 182386, which will receive 3.66% interference from the proposed W03BY-D. Therefore, as Telecinco Inc. owns W03BY-D and W03BZ-D, the interference to W03BZ-D is accepted. The proposed coverage contour completely encompasses the preset construction permit coverage contour. A map showing the present and proposed coverage contours is included.

Environmental Considerations

The undersigned evaluated the proposed channel three operations of W03BY-D for potential radio frequency exposure to workers and the general public. Based on a radiation center at 20.0 meters above ground, a maximum relative antenna field of 0.39 between 60 and 90 degrees from horizontal, and a total ERP of 3.0kW, the calculated RF exposure at two meters above ground will not exceed $35.29\mu\text{w}/\text{cm}^2$ or 17.64% of the $200\mu\text{w}/\text{cm}^2$ general uncontrolled population limit applicable to 30 – 300 MHz band.

Access to the transmitter site is restricted. 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. In addition, it is not located in an Indian religious or cultural site. Therefore, no significant changes in surface features will take place.

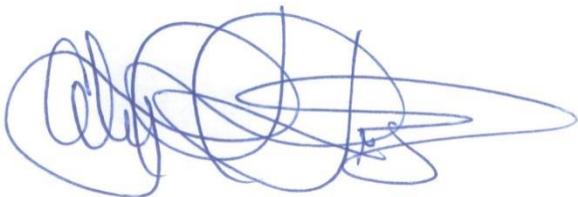
If workers are required to climb the tower, the W03BY-D emission shall be reduced or terminated as necessary to prevent RF radiation exposure above the FCC limits.

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

Protection of FCC Monitoring Station and Arecibo Observatory

The proposed W03BY-D facility is 24.9 km from the FCC monitoring station at Santa Isabel, Puerto Rico. Due to the low ERP of the W03BY-D radiation and the intervening terrain, no adverse effect on the FCC monitoring station is expected.

With this application, the Arecibo Observatory at Arecibo, PR is notified of the proposed modification.

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Alejandro Luciano PE
PO Box 194528
San Juan, Puerto Rico 00919-4528
(787)717-6984
aluciano@aluciano.com
07/09/2022