

Engineering Statement  
Minor Change Application Sharing  
Caguas Educational TV Inc.  
WUJA-DT  
Channel 24  
Caguas, Puerto Rico

**I. Introduction**

This engineering document is prepared in support of a minor modification of the WUJA-DT licensed facility, facility number 0000058511. It is proposed to increase WUJA-DT effective Radiated Power to 120 kW horizontal 36 kW vertical, change antenna manufacturer, antenna model, and antenna azimuth. The proposed WUJA-DT facility is compliant with all interference protection requirements. With a cell size of 1.0 km and a profile spacing of 0.1 km, the interference analysis results with FCC's *TVStudy version 2.2.5*. are attached hereto. Since there is no change in the antenna location, the instant proposal is compliant with the principal city coverage requirements of Caguas, Puerto Rico, as illustrated in the Predicted Coverage Contours exhibit.

The applicant cannot modify specific technical parameters automatically entered into this application for a construction permit by the Commission's electronic filing system.

At the direction of Commission staff, the applicant is filing this application and will work with the Commission after filing to ensure that the application is processed to reflect the correct technical parameters.

The Applicant requests authority to operate its station with the following parameters, which differ from the automatically entered information reflected in the form as initially filed:

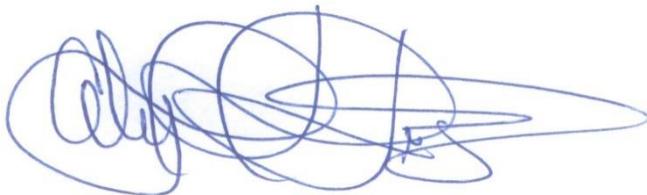
**Channel: 24**

**Community of License: Caguas, PR**

**II. Protection of FCC Monitoring Station and Arecibo Observatory**

The proposed WUJA-DT facility is 41.4 km from the FCC monitoring station at Santa Isabel, Puerto Rico. Because of the low ERP from the proposed WUJA-DT facility towards the monitoring station and the intervening terrain, no adverse effects to the monitoring station are expected.

According to Section 73.1030 of the FCC Rules, concurrently with filling this application, the Arecibo Observatory is notified of the proposed facility.

A handwritten signature in blue ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

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03/28/2022