

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION WQHA (STA)
AGUADA, PUERTO RICO
CHANNEL 25 16 KW (MAX-DA) 478 M HAAT

1. The instant request is for Special Temporary Authority (STA) for WQHA, Aguada, PR, which is licensed for operation on Channel 25.*
2. Due to technical difficulties experienced at its licensed site, WQHA has made arrangements with the owner of the WCCV-TV tower to temporarily mount its antenna on the WCCV-TV tower structure.† It is unknown when the technical issues at the WQHA licensed site will be resolved.
3. The proposed STA system will be employed for use as a temporary facility to allow WQHA to continue its off-the-air broadcast service to Aguada and the surrounding Puerto Rico market. The WQHA licensed antenna will be mounted on the WCCV-TV tower at a height of 44 m AGL, with the same orientation as now licensed for WQHA. There will be no change in the overall height of the existing tower structure as a result of this proposal.
4. The proposed WQHA STA facility will operate with a maximum ERP of 16 kW. At this ERP level, the predicted noise-limited service contour of the STA facility will be entirely contained within the land area of the WQHA licensed noise-limited service contour. This is demonstrated in the attached Predicted Coverage Contours exhibit.
5. There will be no increase in energy toward the Arecibo Observatory. Therefore, notification of the Arecibo Observatory is not deemed necessary for this temporary facility installation.

* See FCC File No. 0000145869.

† The WCCV-TV facility is licensed under FCC File No. 0000076642. The details of the WCCV-TV structure were obtained from the WCCV-TV authorization and application for license.