

TECHNICAL SUMMARY

CLASS A TELEVISION STATION WARZ-CD
(FACILITY ID 71089)
SMITHFIELD-SELMA, NORTH CAROLINA
CHANNEL 23 15 KW (H & V) (MAX-DA) 415.7 M AMSL

1. The instant application for construction permit was prepared on behalf of Class A Television Station, WARZ-CD, Smithfield-Selma, North Carolina. It is proposed to relocate WARZ-CD from its licensed location back to its formerly licensed transmitter site.*
2. The WARZ-CD facility is licensed for operation on RF Channel 23 with a maximum directional ERP of 15 kW with an antenna height of 163.9 m AMSL.[†] The proposed facility is located 26.7 km (16.6 miles) southeast of its licensed facility.
3. The proposed WARZ-CD facility will operate on Channel 23 with a maximum directional effective radiated power (ERP) of 15 kW (H & V) with an antenna height of 415.7 m AMSL.
4. It is noted that the predicted service contour of the proposed WARZ-CD facility overlaps with the WARZ-CD licensed facility. This is demonstrated in the attached Predicted Coverage Contours exhibit.
5. The results of a *TVStudy* interference analysis for are attached hereto. This study demonstrates compliance with the FCC's interference protection requirements with respect to all protected facilities with the exception of the digital replacement translator facility for WUNC-TV on Channel 23 at Oxford, NC. A consent agreement was arranged with the licensee of the facility, University of North Carolina. Therefore, the WARZ-CD proposal is compliant with the FCC's interference protection requirements.

* See FCC File No. 0000001105. The WARZ-CD former transmitter site was located at a tower identified by FCC Antenna Structure Registration No. 1006703. This site is also the FCC's Incentive Auction baseline facility for WARZ-CD on Channel 23. See FCC File No. DTVBL71089.

[†] See FCC File No. 0000087619.