

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TV STATION WAFF
HUNTSVILLE, ALABAMA
CHANNEL 15 24.5 KW (ND) 576 m

1. The instant application is the initial 90 day “checklist” application for the reassigned facilities of WAFF, Huntsville, Alabama (Ch. 15). It is proposed to replace the existing top-mount nondirectional antenna with a new top-mount nondirectional antenna. The antenna radiation center height will change from 807 meters AMSL to 803.4 meters AMSL. There will be no change in the overall structure height of the existing tower (ASRN 1204889).
2. The proposed maximum nondirectional effective radiated power was adjusted to 24.5 kW to account for difference in the current and proposed antenna height. There is no extension of the predicted service area relative to the baseline reassignment facility listed in the FCC’s *Closing and Reassignment Public Notice*. The proposed facility is also compliant with the 95% population service requirement. In addition, the proposal complies with the city coverage requirements as demonstrated in the Predicted Coverage Contours exhibit.
3. The proposal also complies with the FCC’s interference protection requirements based on a cell size of 2.0 km and profile resolution of 1.0 points/km.
3. RFR Compliance: A RF Hazard statement is attached demonstrating that the proposed operation complies with the FCC’s limits on human exposure to RF energy.