

Federal Communications Commission

TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Licensee/Permittee

CAPITOL BROADCASTING COMPANY, INC.
2619 WESTERN BLVD
RALEIGH, NC, 27606

Call Sign	File Number
WRAL-TV	0000027670

Facility ID: 8688**NTSC TSID:** 1850**Digital TSID:** 1851**This Permit Modifies License File No.** BXLCDT-20100903AAD

Grant Date 07/09/2019	Expiration Date 07/08/2022	
Hours of Operation Unlimited		
Station Location City RALEIGH State NC	Frequency (MHz) 488.0 - 494.0	Station Channel 17
Facility Type Commercial		

Antenna Structure Registration Number 1027322	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 35-40-29.0 N Longitude 78-31-39.0 W	Antenna Type Non-Directional
Description of Antenna Make ERI Model ATW25H4-ESO-17H	

Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 805 kW 29.06 DBK
Height of Radiated Center Above Ground (Meters) 524.3	Height of Radiated Center Above Mean Sea Level (Meters) 634.0
Height of Radiated Center Above Average Terrain (Meters) 554	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- For emergency, maintenance & test purposes only.



Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.