

Federal Communications Commission

TELEVISION BROADCAST STATION AUXILIARY LICENSE

Licensee/Permittee

University of North Carolina
PO Box 14900
Research Triangle Park, NC, 27709

Call Sign File Number
WUNJ-TV 0000081301

Facility ID: 69332**NTSC TSID:** 1868**Digital TSID:** 1869**This License Covers License No.** 0000080191

Grant Date 09/16/2019	Expiration Date 09/06/2019	
Hours of Operation Unlimited		
Station Location City WILMINGTON State NC	Frequency (MHz) 512.0 - 518.0	Station Channel 21
Facility Type Noncommercial Educational		

Antenna Structure Registration Number 1014589	
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 34-19-17.2 N Longitude 78-13-41.4 W	Antenna Type Non-Directional
Description of Antenna Make RFS Model SAA16-O3-G200-ES6R-21	

Antenna Beam Tilt (Degrees Electrical) 0.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 614 kW 27.88 DBK
Height of Radiated Center Above Ground (Meters) 209.4	Height of Radiated Center Above Mean Sea Level (Meters) 215.2
Height of Radiated Center Above Average Terrain (Meters) 202.1	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.