Federal Communications Commission

SHARED NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee
University of North Carolina
PO Box 14900
RESEARCH TRIANGLE PARK, NC, 27709

Call Sign	File Number
WUNC-TV	0000216258

Facility ID: 69080
NTSC TSID: 1792
Digital TSID: 1793
This License Modifies License No. 0000215188

ATSC 3.0

Grant Date	**Expiration Date**
04/29/2021	12/01/2028

Hours of Operation
Unlimited

Station Location	**Frequency (MHz)**	**Station Channel**
City Raleigh **State** NC	524.0 - 530.0	23

Antenna Structure Registration Number
1006703

Transmitter	**Transmitter Output Power(kW)**
Type Accepted. See Sections 74.750 of the Commission's Rules.	As required to achieve authorized ERP.

Antenna Coordinates	**Antenna Type**
Latitude 35-40-35.1 N **Longitude** 78-32-7.2 W	Directional

Description of Antenna
Make ERI
Model ALP12M5-CSW-23

Antenna Beam Tilt (Degrees Electrical) 1.25	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 345.0	**Maximum Effective Radiated Power (Average)** 15 kW 11.76 DBK
Height of Radiated Center Above Ground (Meters) 317	**Height of Radiated Center Above Mean Sea Level (Meters)** 415.7
Out-Of-Channel Emission Mask Full Service	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0

Call Sign	Facility ID
WUNC-TV	69080

Grant Date 06/08/2023	**Expiration Date** 12/01/2028	
Hours of Operation Unlimited		
Station Location **City** CHAPEL HILL **State** NC	**Frequency (MHz)** 506.0 - 512.0	**Station Channel** 20
Facility Type Noncommercial Educational	**Shared Station(s)** **Facility ID:** 10133 **Call Sign:** WRAY-TV	

Antenna Structure Registration Number 1014574	
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	Antenna Type
Latitude 35-51-59.0 N **Longitude** 79-10-0.5 W	Directional
Description of Antenna **Make** RFS **Model** SAA22-ATW_CX-E300-ET6R-20	
Antenna Beam Tilt (Degrees Electrical) 0.8	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 100.0 280.0	**Maximum Effective Radiated Power (Average)** 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 385.5	**Height of Radiated Center Above Mean Sea Level (Meters)** 611.7
Height of Radiated Center Above Average Terrain (Meters) 461.9	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

Waivers/Special Conditions

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.