

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	0000138116

Facility ID: 69080

NTSC TSID: 1792

Digital TSID: 1793

This License Modifies License No. 0000116685

ATSC 3.0

Grant Date 11/16/2020		Expiration Date 12/01/2028
Hours of Operation Unlimited		
Station Location City SMITHFIELD-SELMA State NC	Frequency (MHz) 524.0 - 530.0	Station Channel 23

Antenna Structure Registration Number 1205989	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 35-31-45.6 N Longitude 78-18-7.0 W	Antenna Type Directional
Description of Antenna Make PSI Model PSILPD16OI-23	

Antenna Beam Tilt (Degrees Electrical) 0.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 320.0	Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK
Height of Radiated Center Above Ground (Meters) 117.0	Height of Radiated Center Above Mean Sea Level (Meters) 163.9
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
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Grant Date 03/18/2021		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: 54452 Call Sign: WLXI 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 Latitude 35-51-59.0 N Longitude 79-10-0.5 W	Antenna Type 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.