Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION LICENSE

Licensee/Permittee
UNIVERSITY OF NORTH CAROLINA
PO Box 14900
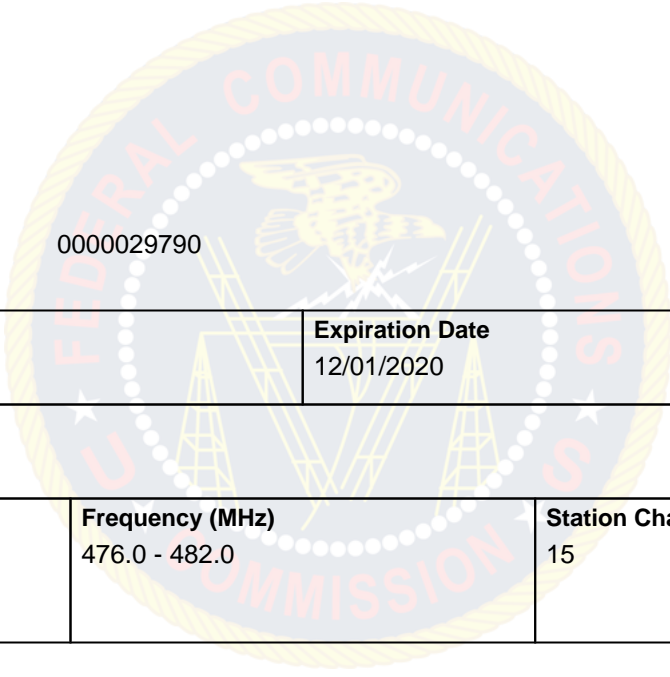RESEARCH TRIANGLE PARK, NC, 27709

Call Sign	File Number
W15EF-D	0000055108

Facility ID: 69172

NTSC TSID:

Digital TSID:

This License Covers Permit No.:   0000029790

Grant Date	Expiration Date
06/12/2018	12/01/2020

Hours of Operation
Unlimited

Station Location	Frequency (MHz)	Station Channel
City SPARTA **State** NC	476.0 - 482.0	15

Antenna Structure Registration Number	
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** 36-31-12.5 N **Longitude** 81-07-24.7 W	**Antenna Type** Directional
Description of Antenna **Make** KAT **Model** 2x2 750 10325	**Major Lobe Directions** 161.0
Antenna Beam Tilt (Degrees Electrical) Not Applicable	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** 3@160

Maximum Effective Radiated Power (Average)	
0.82 kW	
-0.86 DBK	

Height of Radiated Center Above Ground (Meters)	Height of Radiated Center Above Mean Sea Level (Meters)
31	1112

Out-Of-Channel Emission Mask	Overall Height of Antenna Structure Above Ground (Meters)
Full Service	35.1

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.