## **Federal Communications Commission**

## TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

## Licensee/Permittee

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

> Call Sign File Number W31AN-D 0000129948

Facility ID: 69154 NTSC TSID: Digital TSID: This Permit Modifies License File No.

BLDTT-20090615AAV

Grant Date	Expir	ation Date	
12/28/2020	36 m	onths after the grant date	
Hours of Operation		SI	
Unlimited	H A	A S	
Station Location	Frequency (MHz)	Station Channel	
City MURPHY	572.0 - 578.0		
State NC		P (9)	

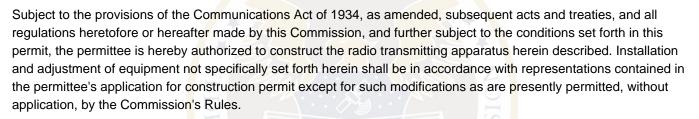
Antenna Structure Registration Number		
Transmitter	Transmitter Output Power(kW)	
Type Accepted. See Sections 74.750 of the Commission's	As required to achieve authorized ERP.	
Rules.		
Antenna Coordinates	Antenna Type	
Latitude 35-5-05.2 N	Non-Directional	
Longitude 84-0-58.3 W		
Description of Antenna	Major Lobe Directions	
Make ERI	N/A	
Model AL8O-31-E		
Antenna Beam Tilt (Degrees Electrical)	Antenna Beam Tilt (Degrees Mechanical @ Degrees	
1.75	Azimuth)	
	Not Applicable	

Maximum Effective Radiated Power (Average) 11.5 kW 10.61 DBK

Height of Radiated Center Above Ground (Meters) 33	Height of Radiated Center Above Mean Sea Level (Meters) 691.4
Out-Of-Channel Emission Mask	Overall Height of Antenna Structure Above Ground
Full Service	(Meters) 36

## Waivers/Special Conditions

• This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.



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