

# Federal Communications Commission

## LOW POWER TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

**Licensee/Permittee**

EDGE SPECTRUM, INC.  
PO Box 54025  
Hurst, TX, 76054

<b>Call Sign</b>	<b>File Number</b>
K18NT-D	0000153437

**Facility ID:** 129452

**NTSC TSID:** 8506

**Digital TSID:** 8507

**This Permit Modifies License File No.** 0000151962

<b>Grant Date</b> 06/23/2022	<b>Expiration Date</b> 36 months after the grant date	
<b>Hours of Operation</b> Unlimited		
<b>Station Location</b> City GRAND FORKS State ND	<b>Frequency (MHz)</b> 494.0 - 500.0	<b>Station Channel</b> 18

<b>Antenna Structure Registration Number</b> 1034780	
<b>Transmitter</b> Type Accepted. See Sections 74.750 of the Commission's Rules.	<b>Transmitter Output Power(kW)</b> As required to achieve authorized ERP.
<b>Antenna Coordinates</b> Latitude 47-57-52.2 N Longitude 97-1-46.8 W	<b>Antenna Type</b> Non-Directional
<b>Description of Antenna</b> Make JAM Model JA/LS-OM-8	<b>Major Lobe Directions</b> N/A
<b>Antenna Beam Tilt (Degrees Electrical)</b> Not Applicable	<b>Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)</b> Not Applicable

<b>Maximum Effective Radiated Power (Average)</b> 15 kW 11.76 DBK	
<b>Height of Radiated Center Above Ground (Meters)</b> 97.5	<b>Height of Radiated Center Above Mean Sea Level (Meters)</b> 350.5
<b>Out-Of-Channel Emission Mask</b> Simple	<b>Overall Height of Antenna Structure Above Ground (Meters)</b> See the registration for this antenna structure.

### 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.
- During installation of the antenna authorized herein, AM Station(s) listed below shall determine operating power by the indirect method. Upon completion of the installation, antenna impedance measurements on the AM antenna shall be made and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission (along with a tower sketch of the installation) in an FCC Form 302-AM application for the AM station to return to the direct method of power determination. Callsign: KKXL City: Grand Forks State: ND

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.