

Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

EDGE SPECTRUM, INC.
7829 CENTER BLVD. SE. NO. 190
SNOQUALMIE, WA, 98065

Call Sign	File Number
K21NU-D	0000051972

Facility ID: 130199

NTSC TSID: 8518

Digital TSID: 8519

This Permit Modifies License File No.: BLDTL-20131023ACE

Grant Date 08/17/2018		Expiration Date 36 months after the grant date	
Hours of Operation Unlimited			
Station Location City GENEVA State MN		Frequency (MHz) 512.0 - 518.0	Station Channel 21

Antenna Structure Registration Number 1030901	
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 44-2-43.9 N Longitude 93-23-2.7 W	Antenna Type Directional
Description of Antenna Make PSI Model PSILP8AH	Major Lobe Directions 0.0 90.0 180.0 270.0
Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 5.0 kW 6.99 DBK	
Height of Radiated Center Above Ground (Meters) 180	Height of Radiated Center Above Mean Sea Level (Meters) 527.4
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

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.

