

Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION LICENSE

Licensee/Permittee

GRAY TELEVISION LICENSEE, LLC
4370 PEACHTREE ROAD, NE
ATLANTA, GA, 30319

Call Sign	File Number
KMNF-LD	0000090446

Facility ID: 183814

NTSC TSID:

Digital TSID:

**This License Covers Construction
Permit No.**

0000072060

Grant Date 11/26/2019	Expiration Date 04/01/2022	
Hours of Operation Unlimited		
Station Location City Mankato State MN	Frequency (MHz) 174.0 - 180.0	Station Channel 7

Antenna Structure Registration Number 1025277	
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 43-56-12.3 N Longitude 94-24-39.0 W	Antenna Type Non-Directional
Description of Antenna Make DIE Model TLS-V4	Major Lobe Directions N/A
Antenna Beam Tilt (Degrees Electrical) 2.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 3 kW 4.77 DBK	
Height of Radiated Center Above Ground (Meters) 296.3	Height of Radiated Center Above Mean Sea Level (Meters) 616.7
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.