

Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

Gray Television Licensee, LLC
 4370 Peachtree Road, NE
 Atlanta, GA, 30319

Call Sign **File Number**
 K23MQ-D 0000178872

Facility ID: 185810

NTSC TSID: 10390

Digital TSID: 10391

This License Covers Construction Permit No. 0000178490

Grant Date 01/10/2022	Expiration Date 04/01/2030	
Hours of Operation Unlimited		
Station Location City DULUTH State MN	Frequency (MHz) 524.0 - 530.0	Station Channel 23

Antenna Structure Registration Number 1024268	
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 46-47-21.1 N Longitude 92-6-51.4 W	Antenna Type Non-Directional
Description of Antenna Make Dielectric Model TUA-O4-10/40H-1-T-R	Major Lobe Directions N/A
Antenna Beam Tilt (Degrees Electrical) 0.8	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 2.5 kW 3.98 DBK	
Height of Radiated Center Above Ground (Meters) 237.3	Height of Radiated Center Above Mean Sea Level (Meters) 616.8
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

- Grant of this license application is conditioned on continuous operations of the licensed facility for the twelve-month period following grant. The failure to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts the presumption that the authorized facilities were temporarily constructed.

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.

