# Federal Communications Commission

## LOW POWER TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

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

| Call Sign | File Number |
|---|---|
| K28QT-D | 0000177950 |

**Facility ID:** 186119
**NTSC TSID:** 10378
**Digital TSID:** 10379
**This Permit Modifies License File No.** 0000157654

| Grant Date | Expiration Date |
|---|---|
| 12/30/2021 | 01/10/2022 |

**Hours of Operation**
Unlimited

| Station Location | Frequency (MHz) | Station Channel |
|---|---|---|
| **City** DICKINSON<br>**State** ND | 554.0 - 560.0 | 28 |

**Antenna Structure Registration Number**
1050833

| Transmitter | Transmitter Output Power(kW) |
|---|---|
| Type Accepted. See Sections 74.750 of the Commission's Rules. | As required to achieve authorized ERP. |
| **Antenna Coordinates**<br>**Latitude** 46-56-53.0 N<br>**Longitude** 102-59-27.0 W | **Antenna Type**<br>Directional |
| **Description of Antenna**<br>**Make** Kathrein<br>**Model** 750 10325 1x | **Major Lobe Directions**<br>115.0 |
| **Antenna Beam Tilt (Degrees Electrical)**<br>Not Applicable | **Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)**<br>Not Applicable |

| | |
|---|---|
| **Maximum Effective Radiated Power (Average)**<br>0.35 kW<br>-4.56 DBK | |
| **Height of Radiated Center Above Ground (Meters)**<br>9.1 | **Height of Radiated Center Above Mean Sea Level (Meters)**<br>823.2 |
| **Out-Of-Channel Emission Mask**<br>Simple | **Overall Height of Antenna Structure Above Ground (Meters)**<br>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.

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.