

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
WIFR-LD	0000137907

Facility ID: 183744

NTSC TSID:

Digital TSID:

This License Covers Construction Permit No. 0000075333

Grant Date 03/09/2021	Expiration Date 12/01/2021	
Hours of Operation Unlimited		
Station Location City ROCKFORD State IL	Frequency (MHz) 554.0 - 560.0	Station Channel 28

Antenna Structure Registration Number 1209945	
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 42-17-48.0 N Longitude 89-10-15.0 W	Antenna Type Directional
Description of Antenna Make DIE Model TUL-4C190-6/20M-1-R	Major Lobe Directions 186.0 264.0
Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK	
Height of Radiated Center Above Ground (Meters) 209.1	Height of Radiated Center Above Mean Sea Level (Meters) 459.0
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.

