

Federal Communications Commission

SHARED DIGITAL REPLACEMENT TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

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

Call Sign	File Number
WOIO	0000074782

Facility ID: 39746

NTSC TSID: 2300

Digital TSID: 2301

This Permit Modifies License File No. 0000054106

Grant Date 07/24/2019		Expiration Date 04/16/2022	
Hours of Operation Unlimited			
Station Location City SHAKER HEIGHTS State OH		Frequency (MHz) 494.0 - 500.0	Station Channel 18
Shared Station(s) Facility ID: Call Sign:			

Antenna Structure Registration Number 1047963	
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 41-3-52.7 N Longitude 81-34-58.3 W	Antenna Type Directional

Description of Antenna Make DIE Model DLP-12H/VP	Major Lobe Directions 16.0 304.0
Antenna Beam Tilt (Degrees Electrical) 1.5	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) 243.8	Height of Radiated Center Above Mean Sea Level (Meters) 575.7
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

- 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.