

Federal Communications Commission

DIGITAL REPLACEMENT TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

GRAY TELEVISION LICENSEE, LLC
 WHSV-TV
 50 NORTH MAIN STREET
 HARRISONBURG, VA, 22802

Call Sign	File Number
WHSV-TV	0000179266

Facility ID: 4688
NTSC TSID: 3036
Digital TSID: 3037
This Permit Modifies License File No. 0000071677

Grant Date 01/10/2022	Expiration Date 02/14/2022	
Hours of Operation Unlimited		
Station Location City Luray State VA	Frequency (MHz) 554.0 - 560.0	Station Channel 28

Antenna Structure Registration Number	
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 38-36-02.7 N Longitude 78-37-57.4 W	Antenna Type Directional
Description of Antenna Make ERI Model ETU4U12-ETP3C-28	Major Lobe Directions 84.0
Antenna Beam Tilt (Degrees Electrical) 3.0	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) 40.8	Height of Radiated Center Above Mean Sea Level (Meters) 940.0
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) 44.5

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.
- This application is subject to the condition that it is restricted to an Effective Radiated Power (ERP) of 0.3 Watts at Azimuth 260.3° True North.

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.