

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

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

Call Sign	File Number
WAVE	0000197265

Facility ID: 13989**NTSC TSID:** 1244**Digital TSID:** 1245**This License Modifies License No.** 0000089043**ATSC 3.0**

Grant Date 06/11/2021	Expiration Date 08/01/2029	
Hours of Operation Unlimited		
Station Location City SALEM State IN	Frequency (MHz) 482.0 - 488.0	Station Channel 16
Facility Type Commercial		

Antenna Structure Registration Number 1307446	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 38-21-1.0 N Longitude 85-50-57.0 W	Antenna Type Non-Directional
Description of Antenna Make ERI Model ATW21H3-ETO-16H	

Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 860.0 kW 29.34 DBK
Height of Radiated Center Above Ground (Meters) 296	Height of Radiated Center Above Mean Sea Level (Meters) 590.1
Height of Radiated Center Above Average Terrain (Meters) 390.4	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0

Call Sign	Facility ID
WAVE	13989

Grant Date 08/29/2022	Expiration Date 08/01/2029	
Hours of Operation Unlimited		
Station Location City LOUISVILLE State KY	Frequency (MHz) 602.0 - 608.0	Station Channel 36
Facility Type Commercial		

Antenna Structure Registration Number 1230057	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 38-22-8.4 N Longitude 85-49-47.6 W	Antenna Type Directional

Description of Antenna Make DIE Model TUM30-AP-S4-14/56H-R-2-T	
Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 71.0	Maximum Effective Radiated Power (Average) 890 kW 29.49 DBK
Height of Radiated Center Above Ground (Meters) 282.6	Height of Radiated Center Above Mean Sea Level (Meters) 582.2
Height of Radiated Center Above Average Terrain (Meters) 391	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.