

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

Gray Television Licensee, LLC
PO Box 30318
Atlanta, GA, 30318

Call Sign	File Number
WPCH-TV	0000233371

Facility ID: 64033**NTSC TSID:** 744**Digital TSID:** 745**This License Modifies License No.** 0000152274**ATSC 3.0**

Grant Date 12/28/2023	Expiration Date 04/01/2029	
Hours of Operation Unlimited		
Station Location City ATLANTA State GA	Frequency (MHz) 572.0 - 578.0	Station Channel 31
Facility Type Commercial		

Antenna Structure Registration Number 1223132	
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 33-48-26.4 N Longitude 84-20-21.5 W	Antenna Type Non-Directional
Description of Antenna Make RFS Model RD280-HP	

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) 805 kW 29.06 DBK
Height of Radiated Center Above Ground (Meters) 351.1	Height of Radiated Center Above Mean Sea Level (Meters) 615.4
Height of Radiated Center Above Average Terrain (Meters) 329	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- Pursuant to the Commission's rules, the ATSC 1.0 primary and non-primary program streams (i.e. multicast streams) identified in the underlying application as guest channels of the host station are considered as originated by the licensee. All primary and non-primary streams must operate in accordance with the operational parameters of its host station and the rules adopted by the Commission applicable to Next Gen TV stations.

ATSC 1.0

Call Sign Facility ID

WANF	72120
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Grant Date 12/14/2022	Expiration Date 04/01/2029	
Hours of Operation Unlimited		
Station Location City ATLANTA State GA	Frequency (MHz) 500.0 - 506.0	Station Channel 19
Facility Type Commercial		

Antenna Structure Registration Number 1223132	
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 33-48-26.4 N Longitude 84-20-21.5 W	Antenna Type Non-Directional

Description of Antenna Make RFS Model PEP70E-O5-2-T	
Antenna Beam Tilt (Degrees Electrical) 0.7	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 351	Height of Radiated Center Above Mean Sea Level (Meters) 615.3
Height of Radiated Center Above Average Terrain (Meters) 329	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.