

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
WQCW	0000168240

Facility ID: 65130

NTSC TSID: 2294

Digital TSID: 2295

This License Modifies License No. 0000100248

ATSC 3.0

Grant Date 11/17/2021		Expiration Date 10/01/2029	
Hours of Operation Unlimited			
Station Location City HUNTINGTON State WV		Frequency (MHz) 518.0 - 524.0	Station Channel 22
Facility Type Commercial			

Antenna Structure Registration Number 1035121	
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 38-30-36.3 N Longitude 82-13-9.5 W	Antenna Type Non-Directional
Description of Antenna Make RFS Model PEPSIL60D	

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) 800 kW 29.03 DBK
Height of Radiated Center Above Ground (Meters) 303.9	Height of Radiated Center Above Mean Sea Level (Meters) 612.1
Height of Radiated Center Above Average Terrain (Meters) 385.7	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
WQCW	65130

Grant Date 11/17/2021	Expiration Date 10/01/2029	
Hours of Operation Unlimited		
Station Location City PORTSMOUTH State OH	Frequency (MHz) 476.0 - 482.0	Station Channel 15
Facility Type Commercial		

Antenna Structure Registration Number 1035121	
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 38-30-36.3 N Longitude 82-13-9.5 W	Antenna Type Non-Directional

Description of Antenna Make RFS Model PEPSIL60D	
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) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 303.9	Height of Radiated Center Above Mean Sea Level (Meters) 612.1
Height of Radiated Center Above Average Terrain (Meters) 385.7	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.