

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

WPGH LICENSEE, LLC
1200 Seventeenth Street, NW
Washington, DC, 20036

Call Sign	File Number
WPGH-TV	0000112578

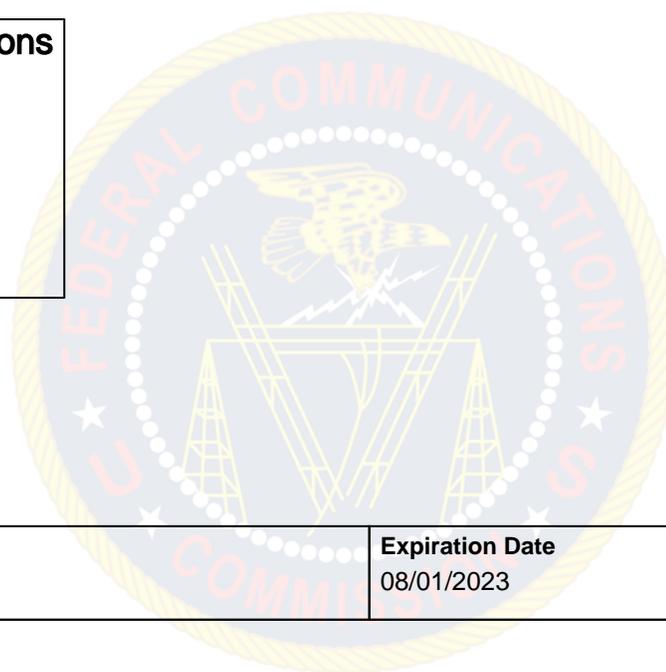
Facility ID: 73875**NTSC TSID:** 2512**Digital TSID:** 2513**This License Modifies License No.** 0000093771**ATSC 3.0**

Grant Date 01/07/2020	Expiration Date 08/01/2023	
Hours of Operation Unlimited		
Station Location City PITTSBURGH State PA	Frequency (MHz) 512.0 - 518.0	Station Channel 21
Facility Type Commercial		

Antenna Structure Registration Number 1026131	
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 40-29-43.0 N Longitude 80-0-16.0 W	Antenna Type Directional
Description of Antenna Make Dielectric Model TFU-14JTT/VP-R 3C190	

Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 135.0 263.0	Maximum Effective Radiated Power (Average) 721 kW 28.58 DBK
Height of Radiated Center Above Ground (Meters) 218.7	Height of Radiated Center Above Mean Sea Level (Meters) 620.7
Height of Radiated Center Above Average Terrain (Meters) 312	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions



ATSC 1.0

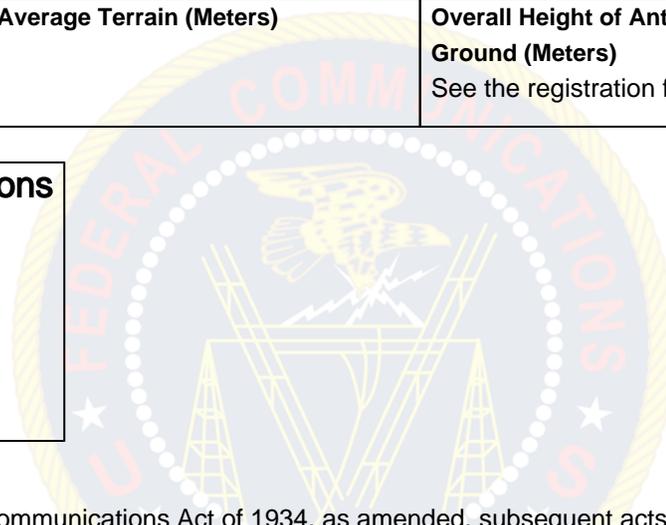
Call Sign	Facility ID
WPGH-TV	73875

Grant Date 05/18/2020		Expiration Date 08/01/2023	
Hours of Operation Unlimited			
Station Location City PITTSBURGH State PA	Frequency (MHz) 506.0 - 512.0	Station Channel 20	
Facility Type Commercial			

Antenna Structure Registration Number 1026131	
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 40-29-43.0 N Longitude 80-0-16.0 W	Antenna Type Directional

Description of Antenna Make DIELECTRIC Model TFU-15JSC/VP-R 3C160SP	
Antenna Beam Tilt (Degrees Electrical) .75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 178.0	Maximum Effective Radiated Power (Average) 800 kW 29.03 DBK
Height of Radiated Center Above Ground (Meters) 204.8	Height of Radiated Center Above Mean Sea Level (Meters) 606.8
Height of Radiated Center Above Average Terrain (Meters) 302.8	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.