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)	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)
0.75	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	Expiration Date
05/18/2020	08/01/2023

Hours of Operation
Unlimited

Station Location	Frequency (MHz)	Station Channel
City PITTSBURGH **State** PA	506.0 - 512.0	20

Facility Type
Commercial

Antenna Structure Registration Number
1026131

Transmitter	Transmitter Output Power(kW)
Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	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.