

Federal Communications Commission

SHARED TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

EDUCATIONAL PUBLIC TV CORPORATION

Call Sign File Number

WYDN 0000078941

Facility ID: 18783**NTSC TSID:** 1982**Digital TSID:** 1983**This License Covers License No.** 0000036078

Grant Date 07/30/2019	Expiration Date 04/01/2023	
Hours of Operation Unlimited		
Station Location City LOWELL State MA	Frequency (MHz) 584.0 - 590.0	Station Channel 33
Facility Type Noncommercial Educational	Shared Station(s) Facility ID: 48406 Call Sign: WPXG-TV	

Antenna Structure Registration Number 1033792	
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 43-11-4.0 N Longitude 71-19-10.0 W	Antenna Type Directional
Description of Antenna Make RFS Model RD20UOM	

Antenna Beam Tilt (Degrees Electrical) 0.7	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions	Maximum Effective Radiated Power (Average) 80.6 kW 19.06 DBK
Height of Radiated Center Above Ground (Meters) 78.9	Height of Radiated Center Above Mean Sea Level (Meters) 508.6
Height of Radiated Center Above Average Terrain (Meters) 342	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.