

Federal Communications Commission

SHARED TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

EDUCATIONAL PUBLIC TV CORPORATION
3901 HIGHWAY 121
BEDFORD, TX, 76021

Call Sign File Number

WYDN 0000036078

Facility ID: 18783

NTSC TSID: 1982

Digital TSID: 1983

This Permit Modifies License File No.: 0000001053

Grant Date 12/12/2017	Expiration Date 04/23/2018
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 180.0	Maximum Effective Radiated Power (Average) 100 kW 20.00 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) 344	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.