

Federal Communications Commission

SHARED TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

WGBH EDUCATIONAL FOUNDATION
1 Guest Street
Boston, MA, 02135

Call Sign	File Number
WGBH-TV	0000036106

Facility ID: 72099

NTSC TSID: 1356

Digital TSID: 1357

This License Modifies License No.: BLEDT-20021219AAM

Grant Date 07/11/2018		Expiration Date 04/01/2023	
Hours of Operation Unlimited			
Station Location City BOSTON State MA		Frequency (MHz) 500.0 - 506.0	Station Channel 19
Facility Type Noncommercial Educational		Shared Station(s) Facility ID: 64833 Call Sign: WFXZ-CD	

Antenna Structure Registration Number 1003433	
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 42-18-37.0 N Longitude 71-14-12.0 W	Antenna Type Non-Directional
Description of Antenna Make HAR Model TAD24UDA-5/60	

Antenna Beam Tilt (Degrees Electrical) 0.7	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 700 kW 28.45 DBK
Height of Radiated Center Above Ground (Meters) 370	Height of Radiated Center Above Mean Sea Level (Meters) 416.6
Height of Radiated Center Above Average Terrain (Meters) 374	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.