Federal Communications Commission

SHARED TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee
WGBH EDUCATIONAL FOUNDATION
1 Guest Street
Boston, MA, 02135

Call Sign	File Number
WGBX-TV	0000040354

Facility ID: 72098
NTSC TSID: 1368
Digital TSID: 1369
This License Modifies License No.: BLEDT-20021219AAN

Grant Date 01/22/2018		**Expiration Date** 04/01/2023
Hours of Operation Unlimited		
Station Location **City** BOSTON **State** MA	**Frequency (MHz)** 644.0 - 650.0	**Station Channel** 43
Facility Type Noncommercial Educational	**Shared Station(s)** **Facility ID:** 9766 **Call Sign:** WYCN-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)** 500 kW 26.99 DBK
Height of Radiated Center Above Ground (Meters) 387	**Height of Radiated Center Above Mean Sea Level (Meters)** 433.6
Height of Radiated Center Above Average Terrain (Meters) 391	**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.