Federal Communications Commission

SHARED CLASS A BROADCAST STATION LICENSE

Licensee/Permittee
WGBH EDUCATIONAL FOUNDATION

Call Sign	File Number
WFXZ-CD	0000080168

Facility ID: 64833
NTSC TSID: 1356
Digital TSID: 1357
This License Covers License No. 0000029808

Grant Date	Expiration Date
08/08/2019	04/01/2023

Hours of Operation
Unlimited

Station Location	Frequency (MHz)	Station Channel
City BOSTON **State** MA	76.0 - 82.0	5

Shared Station(s)

Facility ID: 72099
Call Sign: WGBH-TV

Antenna Structure Registration Number
1004233

Transmitter	Transmitter Output Power(kW)
Type Accepted. See Sections 74.750 of the Commission's Rules.	As required to achieve authorized ERP.

Antenna Coordinates	Antenna Type
Latitude 42-18-10.7 N **Longitude** 71-13-4.9 W	Non-Directional

Description of Antenna	Major Lobe Directions
Make DIE **Model** TDM-3A5	N/A

Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Maximum Effective Radiated Power (Average) 6.7 kW 8.26 DBK	
Height of Radiated Center Above Ground (Meters) 360.3	**Height of Radiated Center Above Mean Sea Level (Meters)** 406.3
Out-Of-Channel Emission Mask	**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.