

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

WGBH EDUCATIONAL FOUNDATION
1 Guest Street
Boston, MA, 02135

Call Sign	File Number
WGBY-TV	0000079844

Facility ID: 72096

NTSC TSID: 1388

Digital TSID: 1389

This License Covers License No. 0000025429

Grant Date 08/05/2019	Expiration Date 04/01/2023	
Hours of Operation Unlimited		
Station Location City SPRINGFIELD State MA	Frequency (MHz) 210.0 - 216.0	Station Channel 13
Facility Type Noncommercial Educational		

Antenna Structure Registration Number	
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 42-14-29.5 N Longitude 72-38-54.1 W	Antenna Type Non-Directional
Description of Antenna Make ERI Model ATW7xVS5-ETOX-13H	
Antenna Beam Tilt (Degrees Electrical) 1.25	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 30 kW 14.77 DBK
Height of Radiated Center Above Ground (Meters) 36.3	Height of Radiated Center Above Mean Sea Level (Meters) 402.3
Height of Radiated Center Above Average Terrain (Meters) 303.2	Overall Height of Antenna Structure Above Ground (Meters) 43.9

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.

