

# Federal Communications Commission

## FM STATION LICENSE

**Permittee**

TECHNOLOGY BROADCASTING  
CORPORATION  
C/O WMBR, 3 AMES STREET  
CAMBRIDGE, MA, 02142

<b>Call Sign</b>	<b>Facility ID</b>
WMBR	64683

<b>File Number</b> 0000161504	<b>This License Covers Construction Permit No.</b> 0000092534	
<b>Filing Date</b> 09/30/2021	<b>Grant Date</b> 10/21/2021	<b>Expiration Date</b> 04/01/2022

<b>Community of License</b> City: CAMBRIDGE State: MA	<b>Frequency (MHz)</b> 88.1	<b>Station Channel</b> 201	<b>Station Class</b> A
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**Hours of Operation:** Unlimited

**Facility Type:** Noncommercial Educational

<b>Transmitter</b> Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	<b>Transmitter Output Power</b> 0.509 kW
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<b>Antenna Type</b> Directional	<b>Antenna Coordinates (NAD 83)</b> Latitude 42-21-42.1 N Longitude 71-5-7.9 W
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**Antenna Description** Shively Labs,6810-2R-SS-DA,0.5

**Major Lobe Directions**  
Not Applicable

	<b>Horizontally Polarized Antenna</b>	<b>Vertically Polarized Antenna</b>
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<b>Effective Radiated Power in the Horizontal Plane (kW)</b>	0.64	0.64
<b>Height of Radiation Center Above Ground (meters)</b>	107	107
<b>Height of Radiation Center Above Mean Sea Level (meters)</b>	110.0	110.0
<b>Height of Radiation Center Above Average Terrain (meters)</b>	92	92

<b>Antenna Structure Registration Number</b> 1313623	<b>Overall Height of Antenna Structure Above Ground (meters)</b> See the registration for this antenna structure.
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**Obstruction Marking and Lighting Specifications for Antenna Structure**  
See the registration for this antenna structure.

**Special Operating Conditions or Restrictions**

The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit 0000092534. // A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 0.640 kilowatt. // Principal minima and their associated field strength limits: 130 to 160 degrees True (clockwise): 0.230 kilowatt.
- Grant of this license application is conditioned on the continuous operation of the licensed facility for the twelve-month period following grant. The failure of the facility to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts presumption that the authorized facilities were temporarily constructed.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

