

# Federal Communications Commission

## FM STATION LICENSE

**Permittee**

EDUCATIONAL MEDIA  
FOUNDATION  
5700 West Oaks Blvd.  
Rocklin, CA, 95765

<b>Call Sign</b>	<b>Facility ID</b>
WYKC	165997

<b>File Number</b> 0000122436	<b>This License Modifies License No.</b> BLH-20160912ABT	
<b>Filing Date</b> 09/25/2020	<b>Grant Date</b> 02/04/2021	<b>Expiration Date</b> 04/01/2022

<b>Community of License</b> City: WHITEFIELD State: NH	<b>Frequency (MHz)</b> 99.1	<b>Station Channel</b> 256	<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> 0.62 kW
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<b>Antenna Type</b> Directional	<b>Antenna Coordinates (NAD 83)</b> Latitude 44-21-10.2 N Longitude 71-44-13.3 W
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**Antenna Description** SHI,6810,1.0

**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>	0.45	0.45
<b>Height of Radiation Center Above Ground (meters)</b>	85	85
<b>Height of Radiation Center Above Mean Sea Level (meters)</b>	701	701
<b>Height of Radiation Center Above Average Terrain (meters)</b>	346	346

<b>Antenna Structure Registration Number</b> 1034698	<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.

- \*\*\*\*\* This is a Section 73.215 contour protection grant \*\*\*\*\* as requested by this applicant \*\*\*\*\*
- 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 BPH-20151009AIA. A relative field strength of 1.0 on the composite radiation pattern authorized by Construction Permit BPH-20151009AIA corresponds to the following effective radiated power: 0.45 kilowatt Principal minimum and its associated field strength limit: 270 degrees True: 0.022 kilowatt

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.

