

Federal Communications Commission

FM STATION LICENSE

Permittee

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

Call Sign	Facility ID
WARJ	89133

File Number 0000120767	This License Modifies License No. BLH-20130913ADG	
Filing Date 08/25/2020	Grant Date 12/09/2020	Expiration Date 10/01/2027

Community of License City: SHAWSVILLE State: VA	Frequency (MHz) 102.5	Station Channel 273	Station Class A
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Hours of Operation: Unlimited

Facility Type: Noncommercial Educational

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power 0.235 kW
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Antenna Type Directional	Antenna Coordinates (NAD 83) Latitude 37-11-42.4 N Longitude 80-9-22.1 W
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Antenna Description SHI,6810-1R-DA,1.0

Major Lobe Directions
Not Applicable

	Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective Radiated Power in the Horizontal Plane (kW)	0.150	0.150
Height of Radiation Center Above Ground (meters)	21	21
Height of Radiation Center Above Mean Sea Level (meters)	1167	1167
Height of Radiation Center Above Average Terrain (meters)	591	591

Antenna Structure Registration Number Not Required	Overall Height of Antenna Structure Above Ground (meters) 22.9
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Obstruction Marking and Lighting Specifications for Antenna Structure

It is expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303 (q) of the Communications Act of 1934, as amended.

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 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 BMPH-20130408ABO. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 0.150 kilowatts. Principal minima and their associated field strength limits: 90 degrees True: 0.016 kilowatts
- ***** This is a Section 73.215 contour protection grant ***** as requested by this applicant *****

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.

