

Federal Communications Commission

FM STATION LICENSE

Permittee

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

Call Sign	Facility ID
WLKC	72211

File Number 0000122433	This License Modifies License No. BLH-20061012ABU	
Filing Date 09/25/2020	Grant Date 02/03/2021	Expiration Date 04/01/2022

Community of License City: CAMPTON State: NH	Frequency (MHz) 105.7	Station Channel 289	Station Class A
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 3.9 kW
Antenna Type Directional	Antenna Coordinates (NAD 83) Latitude 43-45-45.3 N Longitude 71-38-58.3 W
Antenna Description SHI,6810,0.5	
Major Lobe Directions Not Applicable	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
--	---------------------------------------	-------------------------------------

Effective Radiated Power in the Horizontal Plane (kW)	4.1	4.1
Height of Radiation Center Above Ground (meters)	95	95
Height of Radiation Center Above Mean Sea Level (meters)	412	412
Height of Radiation Center Above Average Terrain (meters)	119	119

Antenna Structure Registration Number 1055700	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
---	--

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 this construction permit. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 4.1 kilowatts. Principal minima and their associated field strength limits: 185 degrees True: 0.409 kilowatts 145 degrees True: 0.696 kilowatts

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.

