

# Federal Communications Commission

## FM BOOSTER STATION LICENSE

**Permittee**

EDUCATIONAL MEDIA  
FOUNDATION  
5700 WEST OAKS BLVD.  
ROCKLIN, CA, 95765

**Call Sign**

KAER-FM2

**Facility ID**

198454

<b>File Number</b> 0000107841	<b>This License Modifies Permit No.</b> BLFTB-20170913ABD	
<b>Filing Date</b> 03/12/2020	<b>Grant Date</b> 03/23/2020	<b>Expiration Date</b> 10/01/2021

<b>Community of License</b>  <b>City:</b> LAS VEGAS <b>State:</b> NV	<b>Frequency (MHz)</b> 89.3	<b>Station Channel</b> 207	<b>Station Class</b> D
<b>Primary Station</b> KAER MESQUITE NV		<b>Via</b> Satellite	
<b>Hours of Operation:</b> Unlimited			

<b>Transmitter</b> Certified for compliance per 74.1250 or verified for compliance per 73.1660 of the Commission's Rules.	<b>Transmitter Output Power</b> 1.869 kW
<b>Antenna Type</b> Directional	<b>Antenna Coordinates (NAD 83)</b> <b>Latitude</b> 36-0-34.4 N <b>Longitude</b> 115-0-22.9 W
<b>Antenna Description</b>	
<b>Major Lobe Directions</b> Not Applicable	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective Radiated Power in the Horizontal Plane (kW)	11	11
Height of Radiation Center Above Ground (meters)	22	22
Height of Radiation Center Above Mean Sea Level (meters)	1013	1013

Antenna Structure Registration Number Not Required	Overall Height of Antenna Structure Above Ground (meters) 55
<b>Obstruction Marking and Lighting Specifications for Antenna Structure</b> <p>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.</p>	
<b>Special Operating Conditions or Restrictions</b> <p>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.</p> <ul style="list-style-type: none"> <li>Major Lobe: Lobe 0</li> </ul>	

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.