



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

LAKE AREA EDUCATIONAL BROADCASTING
FOUNDATION
P. O. BOX 800
CAMDENTON MO 65020

Nazifa_Sawez
Assistant Chief
Audio Division
Media Bureau

Facility Id: 14065

Call Sign: KCKH

License File Number: BMLEd-20180710AAF

Grant Date: August 17, 2018

This license expires 3:00 a.m.
local time, February 01, 2021.

This license modifies license no.: BLH-20070509ACG granted on 5/24/2007
from commercial to non-commercial status.

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.

Callsign: KCKH

License No.: BMLED-20180710AAF

Name of Licensee: LAKE AREA EDUCATIONAL BROADCASTING FOUNDATION

Station Location: MO-MANSFIELD

Frequency (MHz): 95.9

Channel: 240

Class: C3

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 3.00 kW

Antenna type: Directional

Description: SHI 6810-4R-DA

Antenna Coordinates: North Latitude: 37 deg 17 min 10 sec
West Longitude: 92 deg 36 min 55 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	8.9	8.9
Height of radiation center above ground (Meters):	147	147
Height of radiation center above mean sea level (Meters):	583	583
Height of radiation center above average terrain (Meters):	165	165

Antenna structure registration number: 1243731

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

1 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.

2 ***** This is a Section 73.215 contour protection grant *****
***** as requested by this applicant *****

Special operating conditions or restrictions:

- 3 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-20070220ACA.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

8.9 kilowatts.

Principal minima and their associated field strength limits:

300 - 310 degrees True: 1.80 kilowatts
320 degrees True: 1.42 kilowatts
340 degrees True: 1.80 kilowatts

*** END OF AUTHORIZATION ***