



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE
AUXILIARY ANTENNA

Authorizing Official:

Official Mailing Address:

BOARD OF GOVERNORS OF MISSOURI STATE
UNIVERSITY
901 S NATIONAL AVE
SPRINGFIELD MO 65897

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 4210

Call Sign: KSMU

License File Number: BXMLED-20031015ADU

Grant Date: August 20, 2004

This license expires 3:00 a.m.
local time, February 01, 2005.

This License Modifies License No.: BLED-19860627KA Dated: 08/14/1986

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: KSMU

License No.: BXMLED-20031015ADU

Name of Licensee: BOARD OF GOVERNORS OF MISSOURI STATE UNIVERSITY

Station Location: MO-SPRINGFIELD

Frequency (MHz): 91.1

Channel: 216

Class: C2

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: 2.50 kW

Antenna type: Non-Directional

Description: GAT FMC-5A

Antenna Coordinates: North Latitude: 37 deg 10 min 16 sec

West Longitude: 93 deg 19 min 28 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	4.9	4.9
Height of radiation center above ground (Meters):	122	122
Height of radiation center above mean sea level (Meters):	503	503
Height of radiation center above average terrain (Meters):	123	123

Antenna structure registration number: 1007706

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.

*** END OF AUTHORIZATION ***