



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER
STATION LICENSE

Authorizing Official:

Official Mailing Address:

BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSI
WKAR AM/FM/TV
404 WILSON ROAD, ROOM 212
EAST LANSING MI 48824

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 156707

Call Sign: W272EM

License File Number: BLFT-20070802ADZ

Grant Date: August 22, 2007

This license expires 3:00 a.m.
local time, October 01, 2012.

This license covers permit no.: BNPFT-20030829AHV

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: W272EM

License No.: BLFT-20070802ADZ

Name of Licensee: BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY

Principal community to be served: MI-PLAINWELL

Primary Station: WKAR (AM) , Frequency 870 kHz, EAST LANSING, MI

Via: Direct - off-air

Frequency (MHz): 98.9

Channel: 255

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 42 deg 29 min 38 sec
West Longitude: 85 deg 39 min 03 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules.

Transmitter output power: 0.036 kW

Antenna type: (directional or non-directional): Non-Directional
Description: SCA GP-FM

Major lobe directions (degrees true): Not Applicable

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.01	0.01
Height of radiation center above ground (Meters):	31	31
Height of radiation center above mean sea level (Meters):	280	280

Antenna structure registration number: 1222950

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 ***