



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MIDDLE TENNESSEE STATE UNIVERSITY
P.O. BOX 3
MURFREESBORO TN 37132

George H. Gwinn
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 41997

Call Sign: WMOT

License File Number: BLED-20050916AAV

Grant Date: October 03, 2005

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

This license covers permit no.: BPED-20040811AAA

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.

Name of Licensee: MIDDLE TENNESSEE STATE UNIVERSITY

Station Location: TN-MURFREESBORO

Frequency (MHz): 89.5

Channel: 208

Class: C1

Hours of Operation: Unlimited

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

Transmitter output power: 22.5 kW

Antenna type: Directional

Description: ERI FML-5E-DA-SP

Antenna Coordinates: North Latitude: 36 deg 05 min 07 sec
West Longitude: 86 deg 26 min 22 sec

| | Horizontally Polarized Antenna | Vertically Polarized Antenna |
|--|--------------------------------------|------------------------------------|
| Effective radiated power in the Horizontal Plane (kW): | 100 | 100 |
| Height of radiation center above ground (Meters): | 183 | 183 |
| Height of radiation center above mean sea level (Meters): | 384 | 384 |
| Height of radiation center above average terrain (Meters): | 206 | 206 |

Antenna structure registration number: 1043064

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 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:

100 kilowatts.

Principal minima and their associated ERP limits:

310 - 330 degrees True: 36 kilowatts

Special operating conditions or restrictions:

- 2 Further modifications to the facilities of WNAZ-FM, FID #67633, Nashville, TN will not be construed as a per se modification of WMOT's authorization.
(See "Educational Information Corporation" 6 FCC Rcd 2207 (1991))

- 3 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 ***