

530 N-1211

United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE



Official Mailing Address:

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TENNESSEE TECHNOLOGICAL UNIVERSITY  
NORTH DIXIE AVENUE  
COOKEVILLE, TN 38505

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Authorizing Official:

*Dale E. Bickel*

Dale E. Bickel  
Supervisory Engineer, FM Branch  
Audio Services Division  
Mass Media Bureau

Grant Date: JUL 30 1993

Call sign: WTTU

This license expires 3:00 am.  
local time: August 01, 1996

License File No.: BLED-921130KJ

This license covers Permit No.: 920203IA

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:

TENNESSEE TECHNOLOGICAL UNIVERSITY

Station Location:

TN-COOKEVILLE

Call sign: WTTU

License No.: BLED-921130KJ

Frequency (MHz): 88.5

Channel: 203

Class: A

Hours of Operation: Unlimited

Main Studio Address:

TN-ATOP UNIVERSITY CENTER, NORTH DIXIE AVENUE, COOKVILLE

Transmitter location (address or description):

ATOP PLANT OPERATIONS WAREHOUSE, CORNER OF NORTH WHITNEY AVENUE AND UNIVERSITY DRIVE, COOKVILLE, TN

Remote control point address:

TN-ATOP UNIVERSITY CENTER, NORTH DIXIE AVENUE, COOKVILLE

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

Transmitter output power (kW): 0.80

Antenna type: (directional or non-directional): Non-directional

Desc: CCA FMA-6601-CCA-3, THREE SECTIONS, HORIZONTALLY POLARIZED ANTENNA

Antenna coordinates: North Latitude: 36 10 36.0  
West Longitude: 85 30 20.0

Horizontally  
Polarized  
Antenna

Effective radiated power in the horizontal plane (kW) . . . . . : 2.0

Height of radiation center above ground (meters) . . . . . : 36.0

Height of radiation center above mean sea level (meters) . . . . . : 378.0

Height of radiation center above  
average terrain (meters) . . . . . : 50.0

Overall height of antenna structure above ground (including obstruction  
lighting, if any) . . . . . : 41.0 meters

Obstruction marking and lighting specifications for antenna  
structure:

It is to be 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.

None Required

Special operating conditions or restrictions:

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 RADIATION IN EXCESS OF FCC  
GUIDELINES.