



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF NORTH TEXAS
1155 UNION CIRCLE #310881
DENTON TX 76203

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 69003

Call Sign: KNTU

License File Number: BLED-19880222KD

Grant Date: June 15, 1988

This license expires 3:00 a.m.
local time, August 01, 1990.

THIS LICENSE COVERS PERMIT NO.: BPED-811130BF
AS MODIFIED BY PERMIT NO.: BMPED-861031MA

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: KNTU

License No.: BLED-19880222KD

Name of Licensee: UNIVERSITY OF NORTH TEXAS

Station Location: TX-DENTON

Frequency (MHz): 88.1

Channel: 201

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:

Antenna type: Directional

Description:

Antenna Coordinates: North Latitude: 33 deg 17 min 24 sec
West Longitude: 97 deg 08 min 11 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	100
Height of radiation center above ground (Meters):	141	141
Height of radiation center above mean sea level (Meters):	330	330
Height of radiation center above average terrain (Meters):	135	135

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 152 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:

- 1 Neither the horizontally nor vertically polarized radiation component shall exceed the following value at any azimuth.
100.0 KW

Special operating conditions or restrictions:

2 Each component shall be restricted to the following values at the azimuths specified below.
 42 KW AT 180 DEG T , 42 KW AT 190 DEG T
 41 KW AT 200 DEG T

3 In addition, neither radiation component shall increase at a rate exceeding 0.2 dB per degree from the azimuths of restricted radiation specified above nor exceed a maximum-to-minimum ratio of 15 dB. The rms of the vertically polarized radiation pattern shall not exceed that of the horizontally polarized radiation pattern.

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 THE OPERATIONS OF KNTU AS AUTHORIZED IN THIS LICENSE ARE PERMITTED DURING ALL HOURS OF THE WEEKDAYS (MONDAY THROUGH FRIDAY) EXCEPT BETWEEN THE HOURS OF 6:00 A.M. AND 4:00 P.M. UNLIMITED HOURS OF OPERATION ARE PERMITTED DURING WEEKENDS, SUMMER VACATIONS, AND CHRISTMAS VACATIONS. KNTU IS PERMITTED TO OPERATE THE AUXILIARY FACILITIES AUTHORIZED IN LICENSE BLED-880222KH DURING THE HOURS OF 6:00 A.M. AND 4:00 P.M. ON WEEKDAYS. THIS CONDITION IS IN ACCORDANCE WITH THE MEMORANDUM OPINION AND ORDER TERMINATING THE PROCEEDING OF DOCKET NO. 83-656 RELEASED APRIL 8, 1985, TO PERMIT A SHARE-TIME OPERATION WITH STATION KEOM, MESQUITE, TEXAS. THIS CONDITION SHALL BE CARRIED OVER ONTO ALL SUBSEQUENT AUTHORIZATIONS.

*** END OF AUTHORIZATION ***