



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**LOW POWER TELEVISION/TELEVISION TRANSLATOR**  
**BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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UNIVERSITY OF NORTH CAROLINA  
P.O. BOX 14900  
RESEARCH TRIANGLE PK NC 27709

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Keith A. Larson  
Chief, LPTV Branch  
Video Division  
Media Bureau

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Facility Id: 69389

Grant Date: July 14, 1992

This license expires 3:00 a.m.  
local time, August 01, 1993.

Call Sign: W33EH-D

License File Number: BLTT-19920623JC

This license covers Permit No.: BPTT-19910503EV

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: W33EH-D

License No.: BLTT-19920623JC

Name of Licensee: UNIVERSITY OF NORTH CAROLINA

Station Location: NC-BLACK MOUNTAIN

Frequency (MHz): 698 - 704

Offset: PLUS

Channel: 52

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

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

Description: SCA SL-8

Major lobe directions            140  
(degrees true):

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude:    35 deg   34 min   04 sec

West Longitude:    82 deg   23 min   02 sec

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 1.2 kW

Maximum ERP in any Horizontal and Vertical Angle: 1.2 kW

Height of radiation center above ground:            51 Meters

Height of radiation center above mean sea level:   1380 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground:    53 Meters

Special operating conditions or restrictions:

- 1    THIS AUTHORIZATION REQUIRES TERRAIN SHIELDING WAIVER  
     CONDITION (SEE ATTACHMENT)

\*\*\*    END OF AUTHORIZATION    \*\*\*