



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

FILE  
69327

Official Mailing Address:

UNIVERSITY OF NEW HAMPSHIRE  
MEMORIAL UNION BUILDING  
DURHAM NH 03824

Authorizing Official:

Brian J. Butler  
Brian J. Butler

Supervisory Engineer  
Audio Services Division  
Mass Media Bureau

Facility Id: 69327

Call Sign: WUNH

License File Number: BLED-19990312KA

Grant Date: November 01, 1999

This license expires 3:00 a.m.  
local time, April 01, 2006.

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: UNIVERSITY OF NEW HAMPSHIRE

Station Location: NH-DURHAM

Frequency (MHz): 91.3

Channel: 217

Class: A

Hours of Operation: Unlimited

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

Transmitter output power: 3.3 kW

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

Description: SHI 6813-2R-V/H-DA

Antenna Coordinates: North Latitude: 43 deg 9 min 23 sec

West Longitude: 70 deg 56 min 26 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	1.45	6
Height of radiation center above ground (Meters):	71	71
Height of radiation center above mean sea level (Meters):	120	120
Height of radiation center above average terrain (Meters):	78	78

Antenna structure registration number: 1031818

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 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.
- 2 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:

6.0 kilowatts.

Principal minimum and its associated field strength limit:

320 degrees True: 2.0 kilowatts

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