



United States of America
FEDERAL COMMUNICATIONS COMMISSION
DIGITAL TELEVISION
DISTRIBUTED TRANSMISSION SYSTEM
BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF NORTH CAROLINA

P.O. BOX 14900

RESEARCH TRIANGLE PK NC 27709

Facility Id: 69300

Analog TSID: 1784

Digital TSID: 1785

Kevin R. Harding

Associate Chief

Video Division

Media Bureau

Grant Date: September 05, 2012

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

License File Number: BLEDT-20120615ACE

This license covers permit no.: BPEDT-20120402AKH

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: WUNF-TV

License No.: BLEDT-20120615ACE

Name of Licensee: UNIVERSITY OF NORTH CAROLINA

Station Location: NC-ASHEVILLE

Frequency (MHz): 536 - 542

Channel: 25

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 35 deg 25 min 32 sec

West Longitude: 82 deg 45 min 25 sec

DTS Site Number: 1

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

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

Description: ERI, ATW12HS4-ESC170-25H

Beam Tilt: 1 Degrees Electrical

Major lobe directions 20 160
(degrees true):

Antenna Coordinates: North Latitude: 35 deg 25 min 32 sec

West Longitude: 82 deg 45 min 25 sec

Transmitter output power: 7.9 kW
8.97 DBK

Maximum effective radiated power (Average): 125 kW
20.97 DBK

Height of radiation center above ground: 40 Meters

Height of radiation center above mean sea level: 1783 Meters

Height of radiation center above average terrain: 816 Meters

Antenna structure registration number: 1035173

Overall height of antenna structure above ground (including obstruct lighting if any) see the registration for this antenna structure.

Callsign: WUNF-TV

License No.: BLEDT-20120615ACE

DTS Site Number: 2

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

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

Description: SCA, 4D-8-2HW

Major lobe directions 90
(degrees true):

Antenna Coordinates: North Latitude: 35 deg 28 min 25 sec

West Longitude: 83 deg 19 min 23 sec

Transmitter output power: 0.23 kW
-6.37 DBK

Maximum effective radiated power (Average): 1.5 kW
1.76 DBK

Height of radiation center above ground: 19 Meters

Height of radiation center above mean sea level: 754 Meters

Height of radiation center above average terrain: 187 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 30 meters.

*** END OF AUTHORIZATION ***