

# Federal Communications Commission

## FM BROADCAST STATION CONSTRUCTION PERMIT

**Permittee**

WESTERN CAROLINA  
UNIVERSITY  
WWCU FM  
1 UNIVERSITY DRIVE  
CULLOWHEE, NC, 28723

Call Sign	Facility ID
WWOO	184618

<b>File Number</b> 0000096824	<b>This Permit Modifies License File No.</b> 0000078895	
<b>Filing Date</b> 01/13/2020	<b>Grant Date</b> 03/02/2020	<b>Expiration Date</b> 36 months after the grant date

<b>Community of License</b> <b>City:</b> DILLSBORO <b>State:</b> NC	<b>Frequency (MHz)</b> 95.3	<b>Station Channel</b> 237	<b>Station Class</b> A
<b>Hours of Operation:</b> Unlimited			
<b>Facility Type:</b> Noncommercial Educational			

<b>Transmitter</b> Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	<b>Transmitter Output Power</b> As required to achieve authorized ERP.
<b>Antenna Type</b> Non-Directional	<b>Antenna Coordinates (NAD 83)</b> <b>Latitude</b> 35-14-2.4 N <b>Longitude</b> 83-10-28.5 W
<b>Major Lobe Directions</b> Not Applicable	

	<b>Horizontally Polarized Antenna</b>	<b>Vertically Polarized Antenna</b>
<b>Effective Radiated Power in the Horizontal Plane (kW)</b>	1.05	1.05

<b>Height of Radiation Center Above Ground (meters)</b>	45	45
<b>Height of Radiation Center Above Mean Sea Level (meters)</b>	1228	1228
<b>Height of Radiation Center Above Average Terrain (meters)</b>	241.4	241.4

<b>Antenna Structure Registration Number</b> Not Required	<b>Overall Height of Antenna Structure Above Ground (meters)</b> 55
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#### **Obstruction Marking and Lighting Specifications for Antenna Structure**

It is 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.

#### **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 electromagnetic fields in excess of FCC guidelines.

- \*\*\*\*\* This is a Section 73.215 contour protection grant as requested by this applicant \*\*\*\*\*
- Pursuant to 47 CFR Section 73.7005(a) the permittee/licensee shall be subject to a holding period. From the grant of the construction permit and continuing until the facility has achieved four years of on-air operations, the permittee/licensee proposing to assign or transfer the construction permit/license to another party will be required to demonstrate the following two factors: that the proposed buyer would qualify for at least the same number of points as the assignor or transferor originally received; and that consideration received and/or promised does not exceed the assignor's or transferor's legitimate and prudent expenses as defined therein.
- The channel authorized herein has been reserved solely for noncommercial educational use pursuant to 47 C.F.R. 73.202(a)(1)(ii). The technical facilities specified in this authorization meet that Rule's required levels of first and second noncommercial educational service. Accordingly, the permittee/licensee must construct and operate with substantially the same technical facilities proposed.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

