

Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD
3319 W. BELTLINE HWY.
MADISON, WI, 53713

Call Sign	File Number
W16DU-D	0000052591

Facility ID: 63057

NTSC TSID:

Digital TSID:

This Permit Modifies License File No.: BLDTT-20131122ALY

Grant Date 06/12/2018	Expiration Date 36 months after the grant date
Hours of Operation Unlimited	
Station Location City BLOOMINGTON State WI	Frequency (MHz) 482.0 - 488.0
	Station Channel 16

Antenna Structure Registration Number 1035075	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 42-54-8.7 N Longitude 90-56-47.5 W	Antenna Type Non-Directional
Description of Antenna Make ERI Model AL8-16-PL	Major Lobe Directions N/A
Antenna Beam Tilt (Degrees Electrical) 1.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 1.93 kW 2.86 DBK	
Height of Radiated Center Above Ground (Meters) 100	Height of Radiated Center Above Mean Sea Level (Meters) 417.3
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

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.

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