

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

CENTRAL MICHIGAN UNIVERSITY
PUBLIC BROADCASTING
1999 EAST CAMPUS DR.
MT. PLEASANT, MI, 48859

Call Sign	File Number
WCMW	0000087364

Facility ID: 9913

NTSC TSID: 1528

Digital TSID: 1529

**This License Covers Construction
Permit No.**

0000027385

Grant Date 10/30/2019		Expiration Date 10/01/2021	
Hours of Operation Unlimited			
Station Location City MANISTEE State MI		Frequency (MHz) 506.0 - 512.0	Station Channel 20
Facility Type Noncommercial Educational			

Antenna Structure Registration Number 1052328	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 44-3-57.0 N Longitude 86-19-58.3 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-18JSC-R C170	

Antenna Beam Tilt (Degrees Electrical) 1.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 23.0 157.0	Maximum Effective Radiated Power (Average) 68.3 kW 18.34 DBK
Height of Radiated Center Above Ground (Meters) 117	Height of Radiated Center Above Mean Sea Level (Meters) 335.8
Height of Radiated Center Above Average Terrain (Meters) 134	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.