

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

NEXSTAR BROADCASTING, INC.
545 E. JOHN CARPENTER FREEWAY
SUITE 700
IRVING, TX, 75062

Call Sign	File Number
WMBD-TV	0000098193

Facility ID: 42121

NTSC TSID: 1050

Digital TSID: 1051

This License Covers Construction Permit No.

0000027808

Grant Date 01/23/2020		Expiration Date 12/01/2021	
Hours of Operation Unlimited			
Station Location City PEORIA State IL		Frequency (MHz) 542.0 - 548.0	Station Channel 26
Facility Type Commercial			

Antenna Structure Registration Number 1016047	
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 40-38-6.0 N Longitude 89-32-19.0 W	Antenna Type Directional
Description of Antenna Make Dielectric Model TFU-28GTH/VP-R T170 (SP)	

Antenna Beam Tilt (Degrees Electrical) 0.7	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 60.0 180.0 300.0	Maximum Effective Radiated Power (Average) 822 kW 29.15 DBK
Height of Radiated Center Above Ground (Meters) 158.4	Height of Radiated Center Above Mean Sea Level (Meters) 384.0
Height of Radiated Center Above Average Terrain (Meters) 192.4	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.