

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

Gray Television Licensee, LLC
4370 Peachtree Road, NE
Atlanta, GA, 30319

Call Sign	File Number
WNEM-TV	0000185174

Facility ID: 41221**NTSC TSID:** 1468**Digital TSID:** 1469**This License Modifies License No.** 0000113433**ATSC 3.0**

Grant Date 03/09/2022	Expiration Date 10/01/2029	
Hours of Operation Unlimited		
Station Location City BAY CITY State MI	Frequency (MHz) 524.0 - 530.0	Station Channel 23
Facility Type Commercial		

Antenna Structure Registration Number 1010544	
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 43-13-1.0 N Longitude 83-43-17.0 W	Antenna Type Directional
Description of Antenna Make DIELECTRIC Model TFU-20JSC/VP-R-4C200	

Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 33.0 287.0	Maximum Effective Radiated Power (Average) 600 kW 27.78 DBK
Height of Radiated Center Above Ground (Meters) 367	Height of Radiated Center Above Mean Sea Level (Meters) 577.3
Height of Radiated Center Above Average Terrain (Meters) 365	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- The license expiration date provided herein is tolled pursuant to 47 U.S.C. §307(C)(3) pending a final decision on the stations license renewal application. Furthermore, this license is subject to any action taken by the Commission on the renewal application.

ATSC 1.0

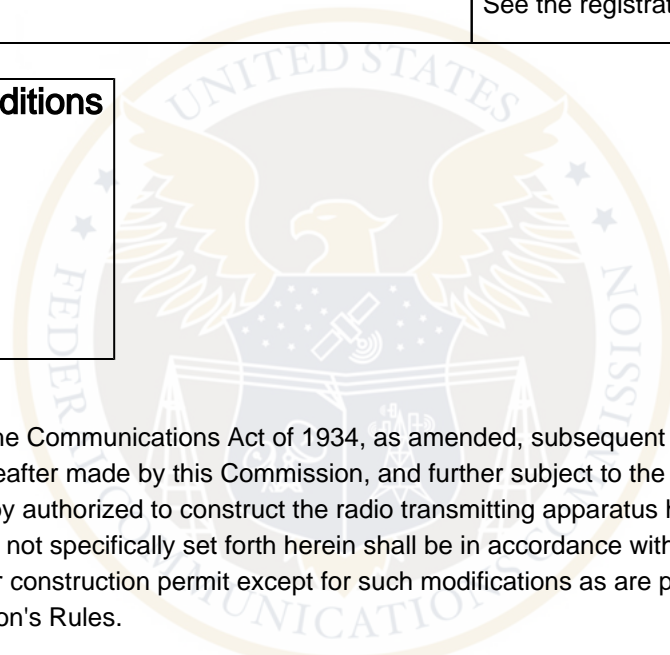
Call Sign	Facility ID
WNEM-TV	41221

Grant Date 03/09/2022	Expiration Date 10/01/2029	
Hours of Operation Unlimited		
Station Location City BAY CITY State MI	Frequency (MHz) 566.0 - 572.0	Station Channel 30
Facility Type Commercial		

Antenna Structure Registration Number 1311582	
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 43-28-14.0 N Longitude 83-50-36.0 W	Antenna Type Directional

Description of Antenna Make DIE Model TFU-31ETT/VP-R 4C140	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 270.0	Maximum Effective Radiated Power (Average) 585 kW 27.67 DBK
Height of Radiated Center Above Ground (Meters) 307.6	Height of Radiated Center Above Mean Sea Level (Meters) 485.9
Height of Radiated Center Above Average Terrain (Meters) 303	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.