

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee
 WGEM LICENSE, LLC
 P.O. BOX 909
 QUINCY, IL, 62306

Call Sign	File Number
WGEM-TV	0000105998

Facility ID: 54275
NTSC TSID: 1056
Digital TSID: 1057
This License Covers Construction Permit No.

0000035730

Grant Date 02/20/2020	Expiration Date 12/01/2021	
Hours of Operation Unlimited		
Station Location City QUINCY State IL	Frequency (MHz) 192.0 - 198.0	Station Channel 10
Facility Type Commercial		

Antenna Structure Registration Number 1011390	
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 39-57-4.0 N Longitude 91-19-54.0 W	Antenna Type Non-Directional
Description of Antenna Make RCA Model TF-12AH	

Antenna Beam Tilt (Degrees Electrical) Not Applicable	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 39.1 kW 15.92 DBK
Height of Radiated Center Above Ground (Meters) 196.6	Height of Radiated Center Above Mean Sea Level (Meters) 428.2
Height of Radiated Center Above Average Terrain (Meters) 238	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.