

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

WMHT EDUCATIONAL TELECOMMUNICATIONS
4 GLOBAL VIEW
TROY, NY, 12180

Call Sign	File Number
WMHT	0000184994

Facility ID: 73263**NTSC TSID:** 2192**Digital TSID:** 2193**This License Modifies License No.** 0000091434**ATSC 3.0**

Grant Date 03/23/2022	Expiration Date 06/01/2023	
Hours of Operation Unlimited		
Station Location City SCHENECTADY State NY	Frequency (MHz) 518.0 - 524.0	Station Channel 22
Facility Type Commercial		

Antenna Structure Registration Number 1231728	
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 42-37-31.3 N Longitude 74-0-36.7 W	Antenna Type Non-Directional
Description of Antenna Make DIELECTRIC Model TUD-05-12/60H-1-B	

Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 750 kW 28.75 DBK
Height of Radiated Center Above Ground (Meters) 139	Height of Radiated Center Above Mean Sea Level (Meters) 681.8
Height of Radiated Center Above Average Terrain (Meters) 426	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0

Call Sign	Facility ID
WMHT	73263

Grant Date 03/23/2022	Expiration Date 06/01/2023	
Hours of Operation Unlimited		
Station Location City SCHENECTADY State NY	Frequency (MHz) 536.0 - 542.0	Station Channel 25
Facility Type Noncommercial Educational		

Antenna Structure Registration Number 1231728	
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 42-37-31.3 N Longitude 74-0-36.7 W	Antenna Type Non-Directional

Description of Antenna Make DIE Model TUD-05-12/60H-1-B	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) 0.25@45
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 445 kW 26.48 DBK
Height of Radiated Center Above Ground (Meters) 139	Height of Radiated Center Above Mean Sea Level (Meters) 681.8
Height of Radiated Center Above Average Terrain (Meters) 426	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.