

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

TEGNA BROADCAST HOLDINGS, LLC
8350 BROAD STREET
SUITE 2000
TYSONS, VA, 22102

Call Sign File Number

WTIC-TV 0000159941

Facility ID: 147

NTSC TSID: 512

Digital TSID: 513

This License Modifies License No. 0000080032

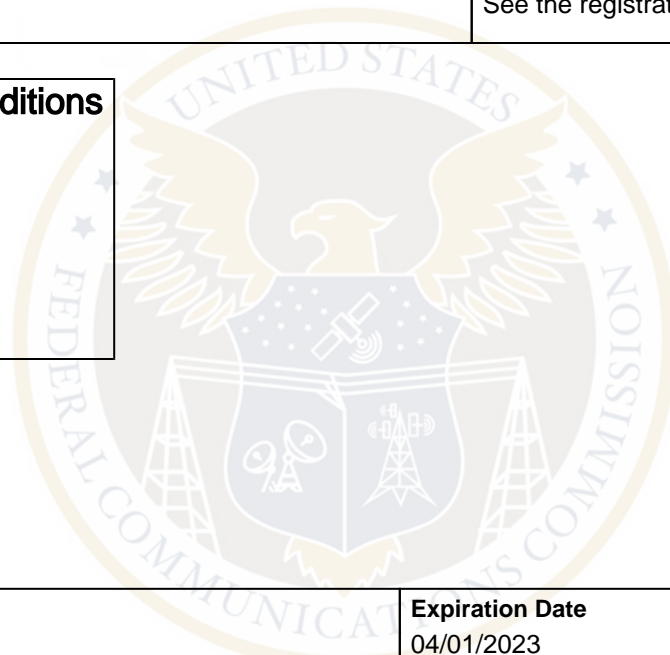
ATSC 3.0

Grant Date 10/05/2021	Expiration Date 04/01/2023	
Hours of Operation Unlimited		
Station Location City WATERBURY State CT	Frequency (MHz) 584.0 - 590.0	Station Channel 33
Facility Type Commercial		

Antenna Structure Registration Number 1041624	
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 41-42-13.0 N Longitude 72-49-55.0 W	Antenna Type Non-Directional

Description of Antenna Make DIE Model TFU-11JTH/VP-R O4 (SP)	
Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 220 kW 23.42 DBK
Height of Radiated Center Above Ground (Meters) 399	Height of Radiated Center Above Mean Sea Level (Meters) 615.4
Height of Radiated Center Above Average Terrain (Meters) 517	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions



ATSC 1.0

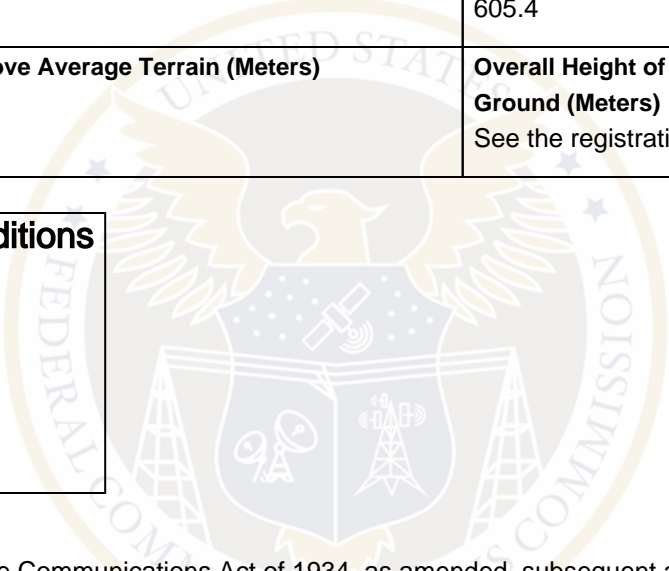
Call Sign	Facility ID
WTIC-TV	147

Grant Date 10/05/2021	Expiration Date 04/01/2023	
Hours of Operation Unlimited		
Station Location City HARTFORD State CT	Frequency (MHz) 590.0 - 596.0	Station Channel 34
Facility Type Commercial		

Antenna Structure Registration Number 1041624	
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 41-42-13.0 N Longitude 72-49-55.0 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-18DSC/VP-R C170	
Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 110.0 330.0	Maximum Effective Radiated Power (Average) 526 kW 27.21 DBK
Height of Radiated Center Above Ground (Meters) 389	Height of Radiated Center Above Mean Sea Level (Meters) 605.4
Height of Radiated Center Above Average Terrain (Meters) 507	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.