

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

GREATER CINCINNATI TELEVISION EDUCATIONAL FOUNDATION
1223 Central Parkway
Cincinnati, OH, 45214

Call Sign	File Number
WCET	0000214010

Facility ID: 65666

NTSC TSID: 2248

Digital TSID: 2249

This License Modifies License No. 0000087307

ATSC 3.0

Grant Date 05/05/2023		Expiration Date 10/01/2029	
Hours of Operation Unlimited			
Station Location City COVINGTON State KY		Frequency (MHz) 518.0 - 524.0	Station Channel 22
Facility Type Noncommercial Educational			

Antenna Structure Registration Number 1044039	
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 39-1-51.0 N Longitude 84-30-23.0 W	Antenna Type Non-Directional
Description of Antenna Make ERI Model ATW17H3-ETO-22H	

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) 39.9 kW 16.01 DBK
Height of Radiated Center Above Ground (Meters) 96.2	Height of Radiated Center Above Mean Sea Level (Meters) 348.7
Height of Radiated Center Above Average Terrain (Meters) 132	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
WCET	65666

Grant Date 05/05/2023	Expiration Date 10/01/2029	
Hours of Operation Unlimited		
Station Location City CINCINNATI State OH	Frequency (MHz) 488.0 - 494.0	Station Channel 17
Facility Type Noncommercial Educational		

Antenna Structure Registration Number 1038226	
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 39-7-27.0 N Longitude 84-31-18.0 W	Antenna Type Directional

Description of Antenna Make DIE Model TFU-22JTH/VP-R CT160 SP	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 90.0 270.0	Maximum Effective Radiated Power (Average) 274 kW 24.38 DBK
Height of Radiated Center Above Ground (Meters) 280.4	Height of Radiated Center Above Mean Sea Level (Meters) 535.8
Height of Radiated Center Above Average Terrain (Meters) 325	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.