Federal Communications Commission

TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Licensee/Permittee
Ohio/Oklahoma Hearst Television Inc.
PO Box 1800

Raleigh, NC, 27602

Call Sign	File Number
WLWT	0000097401

Facility ID: 46979
NTSC TSID: 2242
Digital TSID: 2243
Construction Permit 0000087261

Grant Date	Expiration Date
01/21/2020	01/15/2023

Hours of Operation
Unlimited

Station Location	Frequency (MHz)	Station Channel
City CINCINNATI **State** OH	506.0 - 512.0	20

Facility Type
Commercial

Antenna Structure Registration Number
1038226

Transmitter	Transmitter Output Power(kW)
Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	As required to achieve authorized ERP.

Antenna Coordinates	Antenna Type
Latitude 39-7-27.0 N **Longitude** 84-31-18.0 W	Directional

Description of Antenna

Make DIE
Model TFU-16WB C160

Antenna Beam Tilt (Degrees Electrical) 0.55	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 80.0	**Maximum Effective Radiated Power (Average)** 810 kW 29.08 DBK
Height of Radiated Center Above Ground (Meters) 204.8	**Height of Radiated Center Above Mean Sea Level (Meters)** 460.2
Height of Radiated Center Above Average Terrain (Meters) 249.2	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

Waivers/Special Conditions

- For emergency, maintenance & test purposes only.

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.