

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

KENTUCKY AUTHORITY FOR EDUCATIONAL TV
600 COOPER DR
LEXINGTON, KY, 40502

Call Sign	File Number
WKMJ-TV	0000197492

Facility ID: 34195

NTSC TSID: 1256

Digital TSID: 1257

This License Modifies License No. 0000087448

ATSC 3.0

Grant Date 08/29/2022		Expiration Date 08/01/2029	
Hours of Operation Unlimited			
Station Location City LOUISVILLE State KY		Frequency (MHz) 590.0 - 596.0	Station Channel 34
Facility Type Noncommercial Educational			

Antenna Structure Registration Number 1036023	
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 38-22-1.0 N Longitude 85-49-54.0 W	Antenna Type Non-Directional
Description of Antenna Make ERI Model ALP16M3-ESO-34	

Description of Antenna Make ERI Model ATW22H3-ETO-30H	
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) 58.0 kW 17.63 DBK
Height of Radiated Center Above Ground (Meters) 159.7	Height of Radiated Center Above Mean Sea Level (Meters) 457.5
Height of Radiated Center Above Average Terrain (Meters) 266.1	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.