

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

WKEF LICENSEE L.P.

c/o Miles S. Mason, Pillsbury Winthrop Shaw Pittman LLP

1200 Seventeenth Street, NW

Washington, DC, 20036

Call Sign File Number

WKEF 0000204187

Facility ID: 73155**NTSC TSID:** 2278**Digital TSID:** 2279**This License Modifies License No.** 0000113880**ATSC 3.0**

Grant Date 12/07/2022		Expiration Date 10/01/2021
Hours of Operation Unlimited		
Station Location City DAYTON State OH	Frequency (MHz) 602.0 - 608.0	Station Channel 36
Facility Type Commercial		

Antenna Structure Registration Number 1222924	
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 39-43-28.6 N Longitude 84-15-17.6 W	Antenna Type Directional

Description of Antenna Make DIELECTRIC Model TFU-26GTH/VP-R S250	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 10.0	Maximum Effective Radiated Power (Average) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 343.0	Height of Radiated Center Above Mean Sea Level (Meters) 615.8
Height of Radiated Center Above Average Terrain (Meters) 351.0	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- The license expiration date provided herein is tolled pursuant to 47 U.S.C. §307(C)(3) pending a final decision on the stations license renewal application. Furthermore, this license is subject to any action taken by the Commission on the renewal application.

ATSC 1.0

Call Sign Facility ID

WKEF	73155
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Grant Date 12/07/2022		Expiration Date 10/01/2021
Hours of Operation Unlimited		
Station Location City DAYTON State OH	Frequency (MHz) 590.0 - 596.0	Station Channel 34
Facility Type Commercial		

Antenna Structure Registration Number 1222924	
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 39-43-28.6 N Longitude 84-15-17.6 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-24GTH/VP-R 6T140	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 35.0 275.0	Maximum Effective Radiated Power (Average) 950 kW 29.78 DBK
Height of Radiated Center Above Ground (Meters) 343.0	Height of Radiated Center Above Mean Sea Level (Meters) 615.8
Height of Radiated Center Above Average Terrain (Meters) 351.0	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- The license expiration date provided herein is tolled pursuant to 47 U.S.C. §307(C)(3) pending a final decision on the stations license renewal application. Furthermore, this license is subject to any action taken by the Commission on the renewal application.

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.