

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

Gray Television Licensee, LLC
4370 Peachtree Road, NE
Atlanta, GA, 30319

Call Sign	File Number
KSMO-TV	0000231991

Facility ID: 33336**NTSC TSID:** 1650**Digital TSID:** 1651**This License Modifies License No.** 0000153303**ATSC 3.0**

Grant Date 02/20/2024		Expiration Date 02/01/2030	
Hours of Operation Unlimited			
Station Location City KANSAS CITY State MO		Frequency (MHz) 578.0 - 584.0	Station Channel 32
Facility Type Commercial			

Antenna Structure Registration Number 1211744	
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 39-5-25.8 N Longitude 94-28-19.2 W	Antenna Type Non-Directional
Description of Antenna Make DIE Model TFU-24GTH/VP-R O4	

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) 750 kW 28.75 DBK
Height of Radiated Center Above Ground (Meters) 348	Height of Radiated Center Above Mean Sea Level (Meters) 616.5
Height of Radiated Center Above Average Terrain (Meters) 358	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- Pursuant to the Commission's rules, the ATSC 1.0 primary and non-primary program streams (i.e. multicast streams) identified in the underlying application as guest channels of the host station are considered as originated by the licensee. All primary and non-primary streams must operate in accordance with the operational parameters of its host station and the rules adopted by the Commission applicable to Next Gen TV stations.

ATSC 1.0

Call Sign Facility ID

KCTV	41230
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Grant Date 08/23/2021	Expiration Date 02/01/2030
Hours of Operation Unlimited	
Station Location City KANSAS CITY State MO	Frequency (MHz) 530.0 - 536.0
Facility Type Commercial	Station Channel 24

Antenna Structure Registration Number 1005811	
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 39-4-14.4 N Longitude 94-34-57.5 W	Antenna Type Non-Directional

Description of Antenna Make DIE Model TFU-33JTH/VP-RO6	
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) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 306.7	Height of Radiated Center Above Mean Sea Level (Meters) 613.6
Height of Radiated Center Above Average Terrain (Meters) 344	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.