

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
KOLO-TV	0000216313

Facility ID: 63331

NTSC TSID: 2100

Digital TSID: 2101

This License Modifies License No. BLCDT-20090612ABN

ATSC 3.0

Grant Date 07/14/2023		Expiration Date 10/01/2030	
Hours of Operation Unlimited			
Station Location City RENO State NV		Frequency (MHz) 506.0 - 512.0	Station Channel 20
Facility Type Commercial			

Antenna Structure Registration Number 1011426	
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 39-35-3.0 N Longitude 119-47-55.0 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-8DSB-C-VP-R	

Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 180.0	Maximum Effective Radiated Power (Average) 53.0 kW 17.24 DBK
Height of Radiated Center Above Ground (Meters) 25.0	Height of Radiated Center Above Mean Sea Level (Meters) 1690.9
Height of Radiated Center Above Average Terrain (Meters) 176.0	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

KOLO-TV	63331
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Grant Date 07/14/2023	Expiration Date 10/01/2030
Hours of Operation Unlimited	
Station Location City RENO State NV	Frequency (MHz) 180.0 - 186.0
Facility Type Commercial	Station Channel 8

Antenna Structure Registration Number	
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 39-18-48.6 N Longitude 119-53-3.6 W	Antenna Type Non-Directional

Description of Antenna Make RCA Model TF-18AH	
Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 15.6 kW 11.93 DBK
Height of Radiated Center Above Ground (Meters) 26.9	Height of Radiated Center Above Mean Sea Level (Meters) 2973.9
Height of Radiated Center Above Average Terrain (Meters) 893	Overall Height of Antenna Structure Above Ground (Meters) 36.6

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.