

Federal Communications Commission

CLASS A BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

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

Call Sign	File Number
WTBM-CD	0000198234

Facility ID: 70426

NTSC TSID: 9276

Digital TSID: 9277

This Permit Modifies License File No. 0000001638

Grant Date 08/25/2022		Expiration Date 36 months after the grant date
Hours of Operation Unlimited		
Station Location City BIRMINGHAM State AL	Frequency (MHz) 530.0 - 536.0	Station Channel 24

Antenna Structure Registration Number 1007836	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 33-29-19.0 N Longitude 86-47-58.0 W	Antenna Type Directional
Description of Antenna Make ERI Model ALP8L6-ESER-24	Major Lobe Directions 274.0
Antenna Beam Tilt (Degrees Electrical) 1.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK	
Height of Radiated Center Above Ground (Meters) 179.2	Height of Radiated Center Above Mean Sea Level (Meters) 486.1
Out-Of-Channel Emission Mask Full Service	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.

