



**Federal Communications Commission**  
**Washington, D.C. 20554**  
December 3, 2021

**MEDIA BUREAU**  
**AUDIO DIVISION**  
APPLICATION STATUS: (202) 418-2730  
HOME PAGE: [www.fcc.gov/media/radio/audio-division](http://www.fcc.gov/media/radio/audio-division)

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Marble City Media LLC  
P.O. Box 629  
Sylacauga, AL 35150-0629

Re: WAUE(FM), Waverly, AL  
Marble City Media LLC  
Facility ID No. 198812  
File No. 20211014AAE

**Request for Experimental Authority**

Dear Applicant:

The staff has under consideration the above-referenced October 14, 2021 request for experimental authority (Request) submitted on behalf of the Marble City Media LLC (MCM), licensee of a commercial FM Station WAUE(FM), Waverly, Alabama,<sup>1</sup> to permit WAUE to conduct testing of hybrid digital FM in-band on-channel (IBOC) operation with asymmetric power levels in the digital sidebands. The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.<sup>2</sup>

The Request states that MCM is seeking experimental authority to operate WAUE with lower sideband (LSB) digital effective radiated power (ERP) of -14 dBc<sup>3</sup> and upper sideband (USB) digital ERP of -10 dBc to assess IBOC coverage and signal penetration in the Station's service area.

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<sup>1</sup> File Number 0000088709. WAUE(FM) is licensed to operate on channel 262 (100.3 Megahertz) using a directional antenna, 0.32 kilowatts (kW) effective radiated power (ERP), and 129 meters antenna radiation center height above average terrain at a transmitter site described by geographic coordinates 32° 40' 4" North Latitude, and 85°33' 0.8" West Longitude, referenced to 1983 North American Datum.

<sup>2</sup> 47 CFR § 5.203 (Section 5.203).

<sup>3</sup> Decibels relative to analog carrier.

Our review of the Request indicates that the proposed WAUE's experimental operation complies with the contour protection and other technical requirements of the Media Bureau's Order, adopted January 27, 2010, in Mass Media Docket No. 99-325,<sup>4</sup> and the Request meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the Request is **HEREBY GRANTED**. WAUE(FM) may operate with digital ERP as follows:

Analog ERP:	0.32 kilowatts (kW), H&V <sup>5</sup>
USB Digital ERP: <sup>6</sup>	0.016 kW
LSB Digital ERP:	0.0064 kW

This experimental authority expires on **December 3, 2022**. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within 90 days following the conclusion of the experimental operation. Any request for extension of this experimental authority should be filed at least 30 days prior to the expiration date of the authority. Additionally, an extension request must include an interim report detailing the progress of the experimental operation as of the filing date of the request.

Sincerely,

Rodolfo F. Bonacci  
Assistant Division Chief  
Audio Division  
Media Bureau

cc: Charles M. Anderson, email at [cmanderson43@yahoo.com](mailto:cmanderson43@yahoo.com)

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<sup>4</sup> See *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (MB 2010).

<sup>5</sup> All ERP values rounded in accordance with 47 CFR § 73.212(a).

<sup>6</sup> Digital ERP values shown are for MP1 service mode. The licensee must adjust the station's asymmetric total digital sideband ERP values in accordance with NRSC guideline "NRSC-G202-A, FM IBOC Total Digital Sideband Power for Various Configurations" (April 2016) if operating using a service mode other than MP1.