

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 12<sup>th</sup> STREET, SW**  
**WASHINGTON, DC 20554**

**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)

**AUG 05 2019**

**PROCESSING ENGINEER:** Priscilla M. Lee  
**TELEPHONE:** (202) 418-2957  
**Mail Stop:** 1800B3-PML  
**INTERNET ADDRESS:** [Priscilla.Lee@fcc.gov](mailto:Priscilla.Lee@fcc.gov)

Kathleen A. Kirby, Esq.  
Wiley Rein LLP  
1776 K Street, NW  
Washington, DC 20006

Re: KGSR(FM), Cedar Park, TX  
Emmis Austin Radio Broadcasting  
Company, L.P.  
Facility ID No. 23604  
File No. 20190730ABD

**Request for Extension of Experimental  
Authority**

Dear Counsel:

The staff has under consideration the above-referenced July 30, 2019, request for extension of experimental authority<sup>1</sup> submitted on behalf of Emmis Austin Radio Broadcasting Company, L.P. (Emmis), licensee of commercial FM station KGSR(FM), Cedar Park, Texas,<sup>2</sup> to permit KGSR(FM) to continue to conduct testing of single sideband multiplex stereo transmission. The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules<sup>3</sup> for a period of one year.

The request states that Emmis is seeking further experimental authority to continue to operate KGSR(FM) using technology developed by Omnia Audio known as single sideband suppressed carrier (SSBSC) modulation of the stereo subcarrier in the FM multiplex baseband signal (SSBSC modulation technology) for further testing. In support of the extension request, as required, Emmis submitted an interim report of the methodology used and results obtained during the current experimental operation. Emmis states therein that the results of the current experimental operation using SSBSC modulation technology are favorable based on listening tests, using several different types of receivers, that show that multipath distortion of the KGSR(FM) signal appears to be reduced in known problem areas.

The Emmis request for extension of experimental authority for KGSR(FM) meets

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<sup>1</sup> File No. 20150917AFX (granted 10/1/2015), as extended by File Nos. 20160901ABX, 20170802AFR, and 20180730ABQ

<sup>2</sup> File Number BMLH-20140306AHQ

<sup>3</sup> 47 CFR § 5.203 (Section 5.203).

the requirements for experimental operations set forth in Section 5.203. Accordingly, the extension request is **HEREBY GRANTED**. This experimental authority expires on **August 29, 2020**. 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.

Pursuant to Section 5.71(c) of the Commission's rules, a broadcast experimental authorization is issued for a one year period and may be renewed for an additional term not exceeding five years upon an adequate showing of need.<sup>4</sup> Upon expiration of this experimental authority, KGSR(FM)'s experimental operation using the SSBSC modulation technology will have reached the five year renewal limit set forth in Section 5.71(c), and no further renewals of this authority will be granted.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rodolfo F. Bonacci", with a horizontal line extending to the right.

Rodolfo F. Bonacci  
Assistant Division Chief  
Audio Division  
Media Bureau

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<sup>4</sup> 47 CFR § 5.71(c) (Section 5.71(c)).