

**FEDERAL COMMUNICATIONS COMMISSION**  
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August 18, 2015

Marnie K. Sarver, Esq.  
Wiley Rein LLP  
1776 K Street, NW  
Washington, DC 20006

Re: KSHE(FM), Crestwood, Missouri  
Emmis Radio License, LLC  
Facility ID No. 19523  
File No. 20150805ABS

**Request for Experimental Authority**

Dear Counsel:

The staff has under consideration the August 5, 2015, request for experimental authority submitted on behalf of Emmis Radio License, LLC ("Emmis"), licensee of commercial FM station KSHE(FM), St. Louis, Missouri,<sup>1</sup> to permit Station KSHE(FM) 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>2</sup> for a period of one year.

The request states that Emmis is seeking experimental authority to operate Station KSHE(FM) with a technology developed by Omnia Audio known as single sideband suppressed carrier ("SSBSC") modulation of the stereo subcarrier in the FM multiplex baseband signal to test whether multipath interference can be reduced through a reduction of occupied bandwidth and sideband pairs of the modulated carrier.

The subject request for experimental authority meets the requirements for experimental operations set forth in Section 5.203.<sup>3</sup> Accordingly, the request is **HEREBY GRANTED**. This experimental authority expires on **August 18, 2016**. 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

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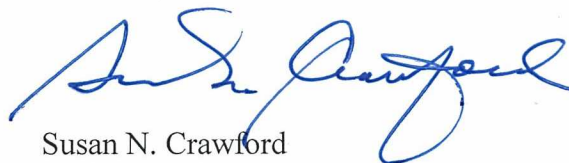
<sup>1</sup> File Number BLH-20150227ACE.

<sup>2</sup> 47 C.F.R. § 5.203.

<sup>3</sup> *Id.*

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 version of the aforementioned report that details the progress of the experimental operation as of the filing date of the request.

Sincerely,

A handwritten signature in blue ink, appearing to read "Susan N. Crawford", is written over the typed name.

Susan N. Crawford  
Audio Division  
Media Bureau

cc: Emmis Radio License, LLC