

**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/mb/audio/](http://www.fcc.gov/mb/audio/)

**PROCESSING ENGINEER:** Susan N. Crawford  
**TELEPHONE:** (202) 418-2754  
**GROUP FACSIMILE:** (202) 418-1411  
**INTERNET ADDRESS:** [Susan.Crawford@fcc.gov](mailto:Susan.Crawford@fcc.gov)

January 12, 2017

Carrie A. Ward, Esq.  
Entercom Communications Corp.  
401 E. City Avenue  
Suite 809  
Bala Cynwyd, PA 19004

Re: WSFS(FM), Miramar, Florida  
Entercom Miami License, LLC  
Facility ID No. 29567  
File No. 20170105AHD

**Request for Extension of Experimental Authority**

Dear Counsel:

This letter is in reference to the January 5, 2017, request submitted by Entercom Miami License, LLC (Entercom), licensee of commercial FM Station WSFS(FM), Miramar, Florida,<sup>1</sup> seeking extension of its current experimental authority<sup>2</sup> permitting WSFS(FM) 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>3</sup>

Entercom is seeking extension of its current experimental authority, which permits operation of WSFS(FM) with lower sideband (LSB) digital effective radiated power (ERP) of -10 dBc<sup>4</sup> and upper sideband (USB) digital ERP of -14 dBc, in order to continue operation and testing using this mode of digital transmission in hopes that the Commission will use the data gleaned from this experiment, and others like it, to authorize permanent, rather than experimental, authority for FM digital operation using asymmetric digital sideband powers. In support of its extension request, as required, Entercom submitted an interim report detailing the methodology and equipment employed and the progress and results of its testing under the current experimental authorization. In the report, Entercom states that WSFS(FM) commenced asymmetric digital sideband power operation on March 26, 2016, and, since commencement, the authorized digital operation has been continuous. Entercom also states that no complaints of interference resulting from the currently authorized experimental operation have been received.

---

<sup>1</sup> File Number BLH-20130819AFA. WSFS(FM), Facility ID No. 29567, is licensed to operate on channel 282C1 (104.3 megahertz) using 100 kilowatts (kW) ERP, circularly polarized, and 283 meters antenna radiation center height above average terrain, at a transmitter site described by geographic coordinates 25° 59' 09" North Latitude, 80° 11' 37" West Longitude, referenced to 1927 North American Datum.

<sup>2</sup> File No. 20151208ADB.

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

<sup>4</sup> Decibels relative to analog carrier.

Our review of the request for extension of experimental authority shows that it meets the requirements for experimental operations set forth in Section 5.203, as well as the contour nonoverlap and other technical requirements of the Media Bureau's Order adopted January 27, 2010, in Mass Media Docket No. 99-325.<sup>5</sup> Accordingly, the request is HEREBY GRANTED. WSFS(FM) may continue to operate with digital ERP as follows:

Analog ERP:	100 kilowatts ("kW") H&V <sup>6</sup>
Digital LSB ERP:	5.0 kW
Digital USB ERP:	2.0 kW.

This experimental authority expires on **January 12, 2018**. 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 version of the aforementioned report that details the progress of the experimental operation as of the filing date of the request.

Sincerely,



Susan N. Crawford  
Senior Engineer  
Audio Division  
Media Bureau

---

<sup>5</sup> *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (MB 2010).

<sup>6</sup> All ERP values rounded in accordance with 47 CFR § 73.212(a).