

**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)

**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 4, 2018

F. Scott Pippin, Esq.  
Lerman Senter PLLC  
2001 L Street, NW  
Suite 400  
Washington, DC 20036

Re: Station WCSX(FM), Birmingham, Michigan  
Beasley Media Group, LLC  
Facility ID No. 25084  
File No. 20171130ACI

**Request for Extension of Experimental Authority**

Dear Counsel:

This letter concerns the above-referenced November 30, 2017, request submitted on behalf of Beasley Media Group, LLC (Beasley), licensee of commercial FM broadcast station WCSX(FM), Birmingham, Michigan,<sup>1</sup> seeking extension of its current experimental authority<sup>2</sup> permitting WCSX testing of hybrid in-band-on-channel (IBOC) FM digital operation using asymmetric digital sideband powers. The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.<sup>3</sup>

Beasley is seeking extension of its current experimental authority which permits operation of WCSX with lower sideband (LSB) digital ERP of -14 dBc<sup>4</sup> and upper sideband (USB) digital ERP of -10 dBc, in order to continue testing and operation using this mode of digital transmission. In support of the extension request, as required, Beasley submitted an interim report discussing the methodology employed and the progress and results of its digital operation and testing pursuant to its current experimental authorization. In the interim report, Beasley states that the experimental operation has been continuous and stable throughout the current experimental period, and that no complaints of interference resulting from the WCSX experimental digital operation have been received. Also, Beasley reports improved and stable digital reception and coverage resulting from the experimental operation.

---

<sup>1</sup> File No. BMLH-19981008KA. Station WCSX(FM), Facility ID No. 25084, is licensed to operate on channel 234B (94.7 megahertz) using 13.5 kilowatts (kW) effective radiated power (ERP), circularly polarized, and 290 meters antenna radiation center height above average terrain, at a transmitter site described by geographic coordinates 42° 27' 13" North Latitude, 83° 09' 50" West Longitude, referenced to 1927 North American Datum.

<sup>2</sup> File No. 20161215ACG (Original underlying experimental authority is File No. 20141107AEH).

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

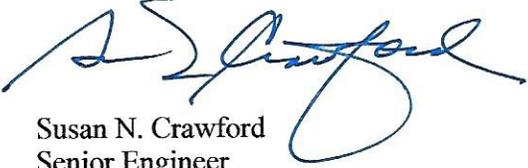
<sup>4</sup> Decibels below analog carrier.

Our review of the Beasley request for extension of the WCSX experimental authority finds that it meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request IS **HEREBY GRANTED**. WCSX may operate with increased digital ERP as follows:

Analog ERP:	13.5 kW <sup>5</sup>
LSB Digital ERP:	0.270 kW
USB Digital ERP:	0.680 kW.

This experimental authority expires on **January 4, 2019**, and is specifically conditioned on the lack of objectionable interference. Operation pursuant to this authority must be discontinued if complaints of interference are received. 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

cc: Mike Cooney, Beasley Media Group, LLC (via email)

---

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