

FEDERAL COMMUNICATIONS COMMISSION
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March 25, 2020

Melodie A. Virtue, Esq.
Garvey Schubert Barer
1000 Potomac Street, NW
Suite 200
Washington, DC 20007-3501

Re: KING-FM, Seattle, Washington
Classic Radio
Facility ID No.: 11755
File No. 20200309AAR

Request for Experimental Authority

Dear Counsel:

The staff has under consideration the above-referenced March 9, 2020 request for experimental authority submitted on behalf of Classic Radio, licensee of noncommercial educational FM station KING-FM, Seattle, Washington,¹ to permit KING-FM to continue to conduct testing of hybrid digital FM in-band on-channel (IBOC) operation with asymmetric power levels in the digital sidebands.² The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.³

The request states that Classic Radio is seeking experimental authority to operate KING-FM with lower sideband (LSB) digital effective radiated power (ERP) of -10 dBc⁴ and upper sideband (USB) digital ERP of -14 dBc. In support of its request, Classic Radio submitted an engineering study showing that the proposed operation complies fully with the contour nonoverlap requirements of the Media Bureau's *Order* adopted January 27, 2010, in MM Docket No. 99-325⁵ for operation with -10 dBc LSB digital ERP.

¹ File Number BMLED-20110502AEJ

² Classic Radio is requesting a new experimental authority to continue with the asymmetric power digital sideband operation. KING-FM's current experimental authority expires on 4/6/2020.

³ 47 CFR § 5.203 (Section 5.203).

⁴ Decibels relative to analog carrier.

⁵ See *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (2010) ("*Order*").

Our review indicates that the proposed Station KING-FM operation complies with the contour nonoverlap and other technical requirements of the *Order*⁶ and the request for experimental authority meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request is **HEREBY GRANTED**. Station KING-FM may operate with increased digital ERP as follows:

Analog ERP:	68 kilowatts (kW) Max-DA, H&V ⁷
Digital LSB ERP: ⁸	3.4 kW
Digital USB ERP:	1.35 kW

This experimental authority expires on **March 25, 2021**. 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,

Rodolfo F. Bonacci
Assistant Division Chief
Audio Division
Media Bureau

cc: Classic Radio via email
Erik Swanson via email

⁶ *Id.*

⁷ All ERP values rounded in accordance with 47 CFR § 73.212(a).

⁸ 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.