

FEDERAL COMMUNICATIONS COMMISSION
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August 11, 2015

Steven C. Schaffer, Esq.
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2001 L Street, NW
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Washington, DC 20036-4940

Re: KUOW-FM, Seattle, Washington
The University of Washington
Facility ID No. 66571
File No. 20150728ADC

**Request for Extension of
Experimental Authority**

Dear Counsel:

The staff has under consideration the July 28, 2015, request for extension of experimental authority¹ submitted on behalf of The University of Washington (“UofW”), licensee of noncommercial educational FM Station KUOW-FM, Seattle, Washington,² to permit Station KUOW-FM to continue to conduct testing of hybrid 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.³

The request states that UofW is seeking extension of its experimental authority to operate Station KUOW-FM with lower sideband (“LSB”) digital effective radiated power (“ERP”) of -10 dBc⁴ and upper sideband (“USB”) digital ERP of -14 dBc to determine the effectiveness and interference resistance of increasing the Station KUOW-FM LSB digital ERP while maintaining the current Station KUOW-FM USB digital ERP at its current level of -14 dBc. In support of its

¹ File No. 20140623ACV.

² File Number BMLED-20040623ABY.

³ 47 C.F.R. § 5.203.

⁴ Decibels relative to analog carrier.

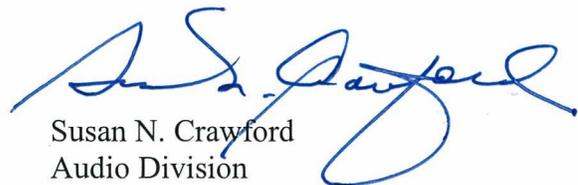
request, as required, UofW submitted an interim report concerning the methodology employed and the progress and results of its testing under the current experimental authorization. UofW states that equipment problems have prevented Station KUOW-FM from achieving and maintaining digital operation at maximum permitted sideband powers throughout the authorized experimental period, but the operation currently is stable with LSB digital ERP of -11.5 dBc and USB digital ERP at -14 dBc. UofW reports that it has received no reports of objectionable interference resulting from the current Station KUOW-FM experimental digital operation. UofW also reports that it is updating the Station KUOW-FM transmitting equipment in order to be able to achieve and maintain maximum permissible digital sideband powers for testing.

Our review indicates that the proposed Station KUOW-FM operation complies with the contour nonoverlap and other technical requirements of the *Order*⁵ and the request for experimental authority meets the requirements for experimental operations set forth in Section 5.203 of the Commission's Rules.⁶ Accordingly, the request is **HEREBY GRANTED**. Station KUOW-FM may operate with increased digital ERP as follows:

Analog ERP:	100 kilowatts ("kW")
LSB Digital ERP:	10 kW
USB Digital ERP:	4.0 kW.

This experimental authority expires on **August 11, 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 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
Audio Division
Media Bureau

cc: The University of Washington

⁵ *Id.*

⁶ 47 C.F.R. § 5.203.