

**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)

August 1, 2016

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

Re: KQAC(FM), Portland, Oregon  
All Classical Public Media, Inc.  
Facility ID No. 59343  
File No. 20160707ACM

**Request for Experimental Authority**

Dear Counsel:

The staff has under consideration the July 7, 2016, request for experimental authority submitted on behalf of All Classical Public Media, Inc. (ACPMI), licensee of noncommercial educational FM Station KQAC(FM), Portland, Oregon,<sup>1</sup> to permit KQAC(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>2</sup>

The request states that ACPMI is seeking experimental authority to operate KQAC(FM) with lower sideband (LSB) digital effective radiated power (ERP) of -12 dBc<sup>3</sup> and upper sideband (USB) digital ERP of -14 dBc. In support of its request, ACPMI submitted an engineering study purportedly 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. 99-325<sup>4</sup> for operation with -12 dBc LSB digital ERP.

---

<sup>1</sup> File Number BLED-20110517AEK.

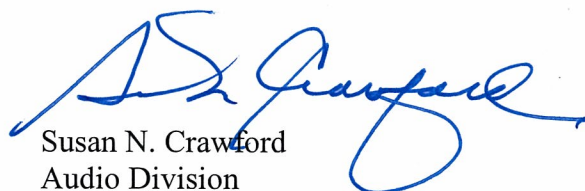
<sup>2</sup> 47 CFR § 5.203 (Section 5.203).

<sup>3</sup> Decibels relative to analog carrier.

<sup>4</sup> *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, MM Docket No. 99-325, Order, 25 FCC Rcd 1182 (MB 2010) (Order).

Our review indicates that the proposed KQAC(FM) experimental operation does not comply with the contour nonoverlap requirements of the Order. Specifically, the predicted, interfering, KQAC(FM) 50.6 dB $\mu$  F(50,10) contour for the licensed KQAC(FM) analog facilities impermissibly overlaps the predicted, protected, 60 dB $\mu$  F(50,50) contour for the authorized, first adjacent channel, analog facilities of Station KOAC-FM, Astoria, Oregon.<sup>5</sup> Our study further shows that KQAC(FM) is limited to -14 dBc LSB digital ERP with respect to KOAC-FM. Accordingly, the ACPMI request for experimental authority, File No. 20160707ACM, is HEREBY DENIED.

Sincerely,



Susan N. Crawford  
Audio Division  
Media Bureau

cc: All Classical Public Media, Inc.  
Gray Frierson Haertig (via email)

---

<sup>5</sup> Construction Permit BPED-20140902ADU.