

**FEDERAL COMMUNICATIONS COMMISSION**  
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**WASHINGTON, DC 20554**

**MEDIA BUREAU**  
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May 15, 2019

Barry Persh, Esq.  
Gray Miller Persh LLP  
2233 Wisconsin Avenue, NW, #226  
Washington, DC 20007

Re: WUCF-FM, Orlando, Florida  
Facility ID No. 69229  
University of Central Florida  
File No. 20190402ABE

**Request for Extension of Experimental  
Authority**

Dear Counsel:

This letter concerns the above-referenced April 2, 2019 request for extension of experimental authority<sup>1</sup> submitted on behalf of University of Central Florida (UCF), licensee of non-commercial educational FM Station WUCF-FM, Orlando, Florida,<sup>2</sup> to permit WUCF to continue to conduct testing of hybrid digital FM in-band on-channel (IBOC) operation with asymmetric power levels in the digital sidebands. The extension of experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.<sup>3</sup>

UCF is seeking continued experimental authority to operate WUCF with lower sideband (LSB) digital ERP of -14 dBc<sup>4</sup> (0.014 kW-H and 0.225kW-V) and upper sideband (USB) digital ERP of -10 dBc (0.036 kW-H and 0.56 kW-V).<sup>5</sup> UCF states that WUCF has operated its IBOC carriers in compliance with the grant since May 15, 2017. UCF also reports that the asymmetrical operation of IBOC sidebands remarkably improves reception of digital signals within the service area. Finally, UCF has received no complaints of interference resulting from WUCF's experimental digital operation under the parameters authorized in the experimental grant.

UCF's request for extension of experimental authority for WUCF meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the extension request is **HEREBY GRANTED**. This experimental authority expires on **May 15, 2020**. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and

<sup>1</sup> File No. 20170501AAJ (granted 5/15/2017), as extended by File No. 20180426ABX.

<sup>2</sup> File Number BMLED-20140515ADY.

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

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

<sup>5</sup> Analog ERP is 0.36 kilowatts ("kW")-H and 5.6 kW-V

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 report detailing 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: Bruce Doerle, Chief Engineer (via email)