

**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)

April 13, 2015

Jerold L. Jacobs, Esq.  
Cohn & Marks LLP  
1920 N Street, NW  
Suite 300  
Washington, DC 20036-1622

Re: WUSF(FM), Tampa, Florida  
University of South Florida  
Facility ID No. 69122  
File No. 20150317ABS

**Request for Extension of  
Experimental Authority**

Dear Counsel:

The staff has under consideration the request filed on March 17, 2015, on behalf of the University of South Florida ("USF"), licensee of noncommercial educational FM Station WUSF(FM),<sup>1</sup> seeking extension of experimental authority to permit Station WUSF(FM) to continue testing FM in-band on-channel ("IBOC") operation with asymmetrical power levels in the digital sidebands. The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.<sup>2</sup>

In support of the extension request to permit continued Station WUSF(FM) operation with asymmetrical digital sideband powers, USF submitted an interim report of the results of its experimental program and stated that it has not received any interference complaints during the experimental operation with the asymmetrical digital sideband powers. Additionally, USF reports that operation with increased digital power in the Station WUSF(FM) lower sideband ("LSB") has permitted the station to provide digital service to listeners within its protected coverage area who were unable to receive the Station WUSF(FM) digital signal prior to the increase in LSB digital power. As authorized by grant of the initial request for experimental authority and proposed in this extension request, Station WUSF(FM) will operate with digital power of -14 dBc<sup>3</sup> on its upper sideband ("USB") and digital power of -11 dBc on its LSB.

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<sup>1</sup> File No. BMLEL-20080723AAU.

<sup>2</sup> 47 C.F.R. § 5.203 ("Section 5.203").

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

Accordingly, the requested experimental authority IS HEREBY GRANTED. Station WUSF(FM) may operate with digital power not to exceed the following:<sup>4</sup>

Transmitter Power Output:	
Analog:	23.0 kilowatts ("kW")
Digital LSB	1.85 kW
Digital USB	0.92 kW
Effective Radiated Power:	
Analog	72 kW (Max-BT, H&V)
Digital LSB	5.7 kW
Digital USB	2.9 kW.

This authority is specifically conditioned on the lack of objectionable interference. It will be necessary to reduce digital power or cease digital operation 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 pursuant to Section 5.203(d) of the Commission's Rules.<sup>5</sup> The report should describe the test procedures in detail, should identify those adjacent channel stations vulnerable to interference and note any additional interference observed during the tests. The report should also characterize the observed changes in digital coverage.

This experimental authority expires on **April 13, 2016**. Any request for extensions of this authority should be filed at least 30 days prior to the expiration date and must include an interim version of the aforementioned report that details the progress of the experimental program as of the filing date.

Sincerely,



Susan N. Crawford  
Audio Division  
Media Bureau

cc: University of South Florida

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<sup>4</sup> Values rounded pursuant to 47 C.F.R. § 73.212(a).

<sup>5</sup> 47 C.F.R. § 5.203(d).