



**Federal Communications Commission
Washington, D.C. 20554**

March 24, 2023

**MEDIA BUREAU
AUDIO DIVISION**
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/media/radio/audio-division

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Re: WUSF(FM), Tampa, Florida
University of South Florida
Facility ID No. 69122
File No. 20230209AAF

Request for Experimental Authority

Dear Counsel:

The staff has under consideration the above-referenced February 9, 2023, request for experimental authority (Request) submitted on behalf of University of South Florida (USF), licensee of noncommercial educational FM Station WUSF(FM), Tampa, Florida,¹ to permit WUSF 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.²

The Request states that USF is seeking experimental authority to operate WUSF with lower sideband (LSB) digital effective radiated power (ERP) of -11 dBc³ and upper sideband (USB) digital ERP of -14 dBc.

Our review of the Request indicates that the proposed WUSF experimental operation complies with the contour nonoverlap and other technical requirements of the Media Bureau's Order, adopted January 27, 2010, in Mass Media Docket No. 99-325,⁴ and the Request meets the requirements for experimental operations set forth in Section 5.203. USF states that WUSF has operated its digital facilities using asymmetric digital standard powers since commencing operation pursuant to two previous experimental authorities.⁵ USF reports that operation with increased digital power in the WUSF LSB has allowed the station to provide digital service to listeners within its protected coverage area who were unable to receive the WUSF digital signal prior to the increase in the LSB digital power. Finally, USF states that the station has not received complaints from other stations.

¹ File Number BLED-20161103AAY.

² 47 CFR § 5.203 (Section 5.203).

³ Decibels relative to analog carrier.

⁴ See *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (MB 2010).

⁵ File Numbers 20120301AEU and 20180316ABU

Accordingly, the Request is **HEREBY GRANTED**. WUSF may operate with digital ERP as follows:

Analog ERP:	69 kilowatts (kW), Max-BT, H&V ⁶
LSB Digital ERP: ⁷	2.75 kW
USB Digital ERP:	1.40 kW

This experimental authority expires on **March 24, 2024**. 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: University of South Florida

⁶ All ERP values rounded in accordance with 47 CFR § 73.212(a).

⁷ 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.