



Federal Communications Commission
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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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Bertram S. Goldman
Goldman Engineering Management
560 Perkins Way
Auburn, CA 95603
bert@bgoldman.net

Re: WWCN(FM), Fort Myers Beach, FL
Beasley Media Group Licenses, LLC
Facility ID No. 74286
File No. 20221026AAG

Request for Experimental Authority

Dear Mr. Goldman:

The staff has under consideration the above-referenced October 26, 2022, request for experimental authority (Request) submitted on behalf of Beasley Media Group Licenses, LLC (BMG), licensee of commercial full power FM Station WWCN(FM), Fort Myers Beach, Florida,¹ to permit WWCN 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 BMG is seeking experimental authority to operate WWCN with lower sideband (LSB) digital effective radiated power (ERP) of -14 dBc³ and upper sideband (USB) digital ERP of -10 dBc. In addition, WWCN is currently licensed to operate with 25.1 kW analog transmitter power output (TPO). BMG states that the total combined analog and average digital TPO will be 26.9 kW. WWCN will operate using the MP3 extended hybrid mode. BMG submitted an exhibit to demonstrate contour non-overlap with respect to a first adjacent station in the USB.

Our review of the Request indicates that the proposed WWCN 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. 99-325⁴ for operation with -10dBc USB digital ERP, and the Request meets the requirements for experimental operations set forth in Section 5.203.

¹ File Number 0000202917. WWCN(FM) is licensed for analog operation on Channel 257C2 (99.3 megahertz) with 50 kilowatts (kW) effective radiated power (ERP) and 142 meters antenna radiation center height above average terrain (HAAT) using a non-directional antenna.

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).

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

Analog ERP:	50 kilowatts (kW), H&V ⁵
LSB Digital ERP: ⁶	0.99 kW
USB Digital ERP:	2.5 kW

This experimental authority expires on **May 17, 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: Beasley Media Licenses Group, LLC by email
Sally A Buckman, Lerman Senter PLLC by email

⁵ All ERP values rounded in accordance with 47 CFR § 73.212(a).

⁶ 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.