

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
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March 29, 2019

Gregory L. Masters, Esq.
Wiley Rein LLP
1776 K Street, NW
Washington, DC 20006

Re: WMBX-FM, Jensen Beach, FL
Facility Identification No. 25756
Alpha Media Licensee LLC
File No. 20181102ABG

Request for Increased Digital Power
Hybrid IBOC Digital Operation

Dear Counsel:

This is in reference to the request filed November 2, 2018, on behalf of Alpha Media Licensee LLC (AML), licensee of FM broadcast station WMBX-FM, Jensen Beach, FL.¹ AML requests authority to operate WMBX-FM with increased digital ERP of -13 dBc,² pursuant to the Media Bureau's Order adopted January 27, 2010, in MM Docket No. 99-325.³

Our review indicates that the notification requirements of the Order have been satisfied, and that the proposed operation complies with the contour non-overlap and other technical requirements of the Order.

Accordingly, the request IS HEREBY GRANTED. WMBX-FM may operate with increased digital ERP and transmitter power output (TPO), as follows:

Analog ERP:	100 kW (H&V) ⁴
Digital ERP:	5 kW (H&V) ⁵

¹ File No. BMLH-20120529ADE. WMBX-FM is licensed for analog operation on Channel 272C1 (102.3 megahertz) with 100 kilowatts (kW) effective radiated power (ERP) and 297 meters antenna radiation center height above average terrain (HAAT) using a nondirectional antenna.

² Decibels relative to analog carrier.

³ *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (MB 2010) (Order).

⁴ All ERP and TPO values rounded in accordance with 47 C.F.R. § 73.212(a).

⁵ Licensee specified use of MP1 service mode and symmetric digital sideband power levels. Using the total digital sideband ERP values set forth in NRSC guideline "NRSC-G202-A, FM IBOC Total Digital Sideband Power for Various Configurations" (NRSC-G202-A) (April 2016) for MP1 service mode with symmetric digital sideband power levels, the maximum permissible total digital sideband ERP for WMBX-FM is 5.01 kW. The licensee must adjust the station's total digital sideband ERP in accordance with NRSC-G202 if operating using a service mode other than MP1, i.e., MP2, MP3 or MP11 and symmetric digital sideband power levels.

Analog TPO:	32 kW
Digital TPO:	1.6 kW
Combined TPO:	33.6 kW

AML must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines; *See* Section 1.1310 of the Commission's Rules.⁶ It may be necessary to reduce the power of the digital signal or cease hybrid operation if interference complaints are received. This authority may be modified or cancelled by the Commission without notice or right to hearing. This authority attaches to, and runs concurrently with, the main station license. AML must post a copy of this authority with the station license.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rodolfo F. Bonacci".

Rodolfo F. Bonacci
Assistant Division Chief
Audio Division
Media Bureau

cc: Alpha Media Licensee LLC

⁶ 47 C.F.R. § 1.1310.