Federal Communications Commission
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MEDIA BUREAU
AUDIO DIVISION
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W. Jeffrey Reynolds
du Treil, Lundin & Rackley, Inc
5212 Station Way
Sarasota, FL 34233

Re: KAZI(FM), Austin, TX
Austin Community Radio
Facility ID No. 3344
File No. 20220104AAG

Request for Experimental Authority

Dear Counsel:

The staff has under consideration the above-referenced January 4, 2022 request for experimental authority (Request) submitted on behalf of Austin Community Radio (ACR), licensee of a non- commercial EducationalFM Station KAZI(FM), Austin, Texas,[1] to permit KAZI 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 ACR is seeking experimental authority to operate KAZI with lower sideband (LSB) digital effective radiated power (ERP) of -14 dBc[3] and upper sideband (USB) digital ERP of -10 dBc to assess IBOC coverage and signal penetration in the Station's service area.

[1] File Number BLED-20180522AAR. KAZI(FM) is a Class A station licensed to operate on channel 204 (88.7 Megahertz) using a non-directional antenna, 1.7 kilowatts (kW) effective radiated power (ERP), and 107 meters antenna radiation center height above average terrain at a transmitter site described by geographic coordinates 30º 16' 37" North Latitude, and 97º49' 34" West Longitude, referenced to 1927 North American Datum.

[2] 47 CFR § 5.203 (Section 5.203).

[3] Decibels relative to analog carrier.

Our review of the Request indicates that the proposed KAZI's experimental operation complies with the contour protection 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. Accordingly, the Request is **HEREBY GRANTED**. KAZI(FM) may operate with digital ERP as follows:

Analog ERP:	1.7 kilowatts (kW), H&V[5]
USB Digital ERP:[6]	0.085 kW
LSB Digital ERP:	0.034 kW

This experimental authority expires on **March 11, 2023**. 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 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: Austin Community Radio (via email)

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

[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.