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March 3, 2023

VIA EMAIL

Marlene H. Dortch, Secretary
Federal Communications Commission
45 L St NE
Washington, D.C. 20002
audiofilings@fcc.gov

Re: Perry Media Group, LLC – KINB, Kingfisher, Oklahoma (Facility ID No. 88376) – Request to Extend Experimental Authority to Continue to Operate via IBOC Asymmetrical Sideband

Dear Ms. Dortch:

Perry Media Group, LLC (“Perry”), licensee of KINB, Kingfisher, Oklahoma (Facility ID No. 88376), hereby requests a one-year extension of its previously granted experimental authority (File No. 20220222AAH) to operate with asymmetrical IBOC sidebands pursuant to 47 C.F.R. §§ 5.203 and 73.404 and an Order adopted by the Federal Communications Commission in 2010. *See In the Matter of Digital Audio Broadcasting Systems and their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (2010).

Please find enclosed the requisite interim report detailing the progress of the experimental operation, as well as the original grant letter. Should any questions arise in relation to this submission, please contact me.

Respectfully submitted,

/s/ Kathleen Victory

Kathleen Victory
Daniel J. Brown
Counsel for Perry Media Group, LLC
Fletcher, Heald & Hildreth, PLC
1300 N. 17th Street, Suite 1100
Arlington, VA 22209

Enclosures

KINB
EXPERIMENTAL STA APPLICATION
One Year Extension Requested

**Requesting Experimental Authority to Operate With
-14 dBc Lower Sideband and -12 dBc Upper Sideband
Asymmetrical Digital Power**

Applicant:

Perry Media Group, LLC
1528 NE 23 rd Street
Oklahoma City, OK 73111
405-425-4100
kperry@kvsp.com

Proposed facility parameters:

KINB
287A
Kingfisher, OK
#88376

N 35-43-38.6
W 97-52-31.12 (NAD 83) ASR#1319196

Site elevation = 457.2 meters
Radiation Center AGL = 255 meters
Radiation Center AMSL = 618 meters
HAAT = 254 meters
ASR#1239224

0.93 kW ERP Analog

Purpose:

1. Request experimental asymmetrical HD power:
2. HD Upper sideband = .0295kW (-12 dBc)
3. HD Lower sideband = 0.0185kW (-14 dBc)
4. as authorized in the attached FCC letter.

Discussion:

The asymmetric HD sidebands were implemented in the common amplification mode using the GatesAir FAX 3 (HARFAX3KINTHD) transmitter. The performance is believed to be superior to symmetric operation and there have been no interference issues. KINB on channel 287A (FCC facility #88376) requests continued experimental authority to utilize asymmetrical HD power levels in common amplification mode as currently authorized:

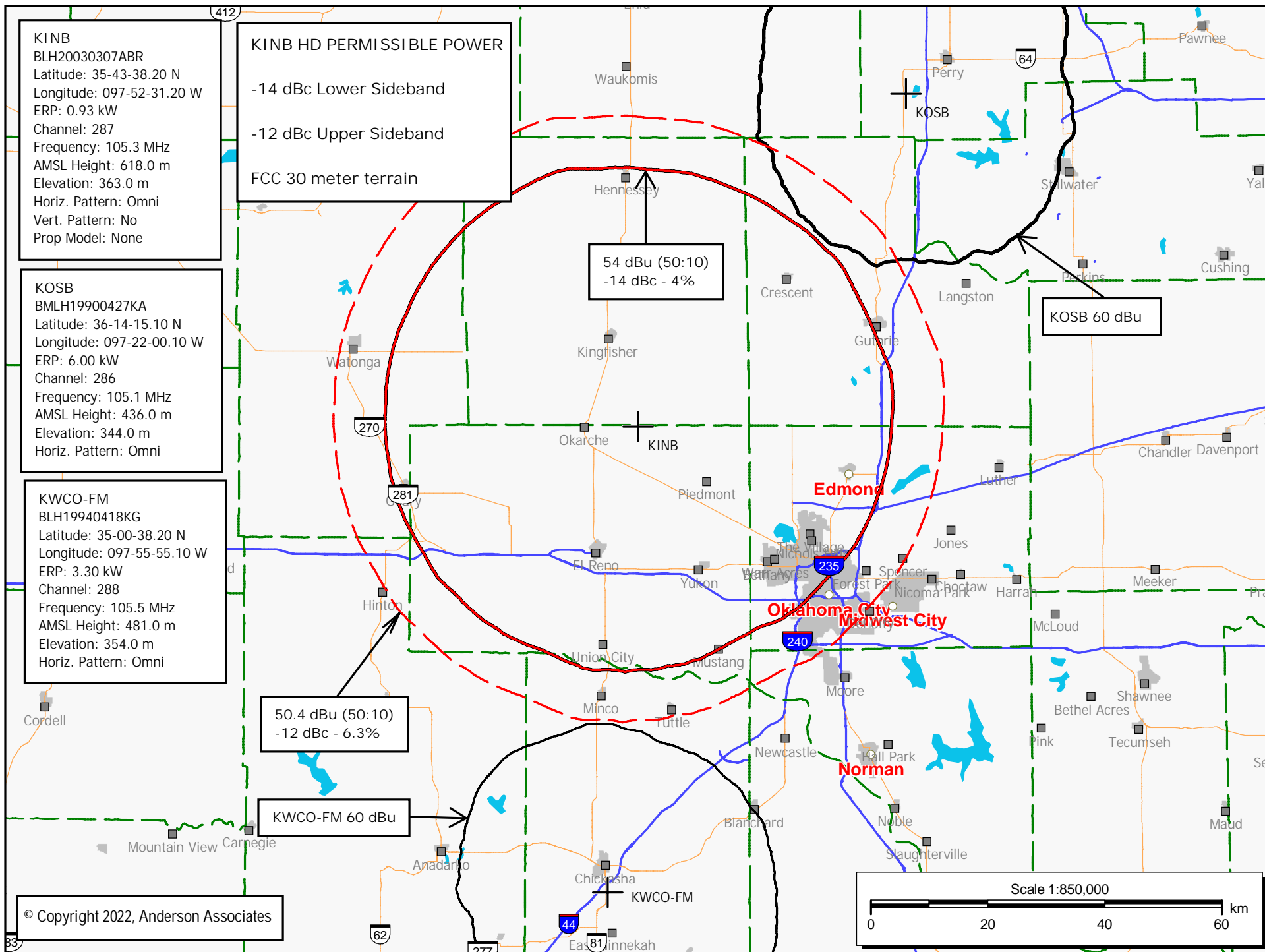
- (1) Proposed digital power **upper side band = -12 dBc**/ 29.5 Watts
- (2) Proposed digital power **lower side band = -14 dBc**/ 18.5 Watts ERP
- (3) Maximum analog + digital TPO = 0.941 kW Analog + 0.0485 kW digital = 0.990 kW TPO

The undersigned certifies that the requested digital power level complies with the requirements of MM Docket 99-325. An attached map shows that the KINB 50.4 dBu (50:10) does not overlap the 60 dBu of the closest upper 1st adjacent channel KWCO-FM and the KINB 54.0 dBu (50:10) contour does not overlap the 60 dBu of

Proponent Analog F(50,10) Field Strength at Protected Analog 60 dBu F(50,50) Contour	Maximum Permissible FM Digital ERP
51.2 dB μ and above	-14 dBc
50.7 dB μ - 51.1 dB μ	-13 dBc
50.3 dB μ - 50.6 dB μ	-12 dBc
49.6 dB μ - 50.2 dB μ	-11 dBc
49.5 dB μ or less	-10 dBc



Charles M. Anderson 3-3-2023
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270-535-4432





Federal Communications Commission
Washington, D.C. 20554
March 10, 2022

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

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Re: KINB(FM), Kingfisher, OK
Perry Media Group, LLC
Facility ID No. 88376
File No. 20220222AAH

Request for Experimental Authority

Dear Counsel:

The staff has under consideration the February 22, 2022, request for experimental authority submitted on behalf of Perry Media Group, LLC (Perry), licensee of commercial FM Station KINB(FM), Kingfisher, Oklahoma,¹ to permit KINB(FM) 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 Perry is seeking experimental authority to operate KINB(FM) with lower sideband (LSB) digital effective radiated power (ERP) of -14 dBc³ and upper sideband (USB) digital ERP of -12 dBc. In support of its request, Perry submitted an engineering study

¹ File Number 0000157979. KINB(FM) is a Class A station licensed to operate on channel 287 (105.3 Megahertz) using a non-directional antenna, 0.93 kilowatts (kW) effective radiated power (ERP), and 254 meters antenna radiation center height above average terrain at a transmitter site described by geographic coordinates 35° 43' 38.6" North Latitude, and 97° 52' 31.1" West Longitude, referenced to 1983 North American Datum.

² 47 CFR § 5.203 (Section 5.203).

³ Decibels relative to analog carrier.

showing that the proposed operation complies fully with the contour nonoverlap requirements of the Media Bureau's *Order* adopted January 27, 2010, in MM Docket No. 99-325⁴ for operation with -14 dBc LSB digital ERP and -12 dBc USB digital ERP.

Our review indicates that the proposed KINB(FM) digital operation complies with the contour nonoverlap and other technical requirements of the Order, and the request for experimental authority meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request is HEREBY GRANTED. KINB(FM) may operate with increased digital ERP as follows:

Analog ERP:	0.93 kilowatts (kW), H&V ⁵
Digital LSB ERP: ⁶	0.0185 kW
Digital USB ERP:	0.0295 kW

This experimental authority expires on **March 10, 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 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: Kevin Perry, Perry Media Group, LLC
kperry@kvsp.com (via Email)

⁴ *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, MM Docket No. 99-325, Order, 25 FCC Rcd 1182 (MB 2010) (Order).

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.