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February 22, 2022

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 Operate via IBOC Asymmetrical Sideband

Dear Ms. Dortch:

Perry Media Group, LLC ("Perry"), licensee of KINB, Kingfisher, Oklahoma (Facility ID No. 88376), hereby requests experimental authority 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).

Should any questions arise in relation to this submission, please contact the undersigned.

Respectfully submitted,

Kathleen Victory
Sara L. Hinkle
Counsel for Perry Media Group, LLC

Enclosures

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20002

In the Matter of	)	
	)	
PERRY MEDIA GROUP, LLC	)	File No. _____
	)	
KINB, Kingfisher, Oklahoma	)	
(Facility ID No. 88376),	)	
	)	
For an Experimental License to Operate	)	
Digitally with Asymmetric Sidebands	)	

APPLICATION FOR EXPERIMENTAL SPECIAL TEMPORARY AUTHORITY

Perry Media Group, LLC ("Perry"), licensee of KINB, Kingfisher, Oklahoma (Facility ID No. 88376) ("KINB"), pursuant to Sections 5.203 and 73.404 of the Commission's rules and the procedures outlined in the Media Bureau's *Order* in MM Docket No. 99-325, released January 29, 2010,[1] hereby requests experimental authority to operate KINB via hybrid in-band on-channel ("IBOC") digital power up to -14 dBc on KINB's lower sideband and -12 dBc on its upper sideband. The public interest would be served by grant of the requested experimental authority because KINB's experimental operation would allow KINB to provide HD Radio service to the public, which is a higher quality format than other transmission methods of radio service.

I. PROPOSED OPERATING PARAMETERS

Specifically, KINB requests authorization to operate with hybrid digital IBOC at -14 dBc on its lower sideband and -12 dBc on its upper sideband on Channel 287 (105.3 MHz). During

[1] *See* 47 C.F.R. § 5.203; § 73.404; *In the Matter of Digital Audio Broadcasting Systems and their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (2010) ("*DAB Order*").

the course of the experimental operations, KINB will remain at its existing transmitter location, and will operate with the existing ERI LPX-4C four bay full-wave spaced antenna. The requested power levels are as follows:[2]

Analog ERP:	0.93 kW
Digital ERP:	*Upper Sideband* – 59 Watts (-12 dBc/ 6.3% of analog ERP)
	Lower Sideband – 37 Watts (-14 dBc/ 4.0% of analog ERP)
Analog TPO:	0.941 kW
Digital TPO:	0.059 kW
Combined TPO:	1 kW (low-level combined)

KINB will operate with its experimental facilities at all times authorized under its FM license if granted the requested experimental authority.[3] KINB operates with Class A facilities, which conform to the ERP and Height Above Average Terrain (HAAT) requirements of Section 73.211(b) of the Commission's rules.[4] Accordingly, KINB is not a "super power" station. Finally, with the exception of the requested operation with asymmetric sidebands, KINB will operate its experimental facilities in accordance with the technical specifications set forth in Appendix B of the Commission's *First Report and Order* in MM Docket No. 99-325, dated October 11, 2002.[5]

II. INTERFERENCE

Exhibit A attached hereto discusses interference considerations of KINB's proposed experimental operations and demonstrates that the proposed operations comply with the Commission's interference standards. Specifically, the engineering statement and contour map included herein as Exhibit A demonstrate that KINB is able to operate digitally without causing

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2 *See* Exhibit A attached herein for engineering performed by Anderson Associates.

3 *See* File No. BLH-20030307ABR.

4 47 C.F.R. § 73.211(b).

5 *See Digital Audio Broadcasting Systems and their Impact on the Terrestrial Radio Broadcast Service*, First Report and Order, 17 FCC Rcd 19990, 20015-47, Appx. B (2002).

interference to its first-adjacent channel FM stations. Accordingly, by operating asymmetrically at -14 dBc (*i.e.*, 4% of analog ERP) on the lower sideband and -12 dBc (*i.e.*, 6.3% of analog ERP) on the upper sideband, KINB will be able to operate in HD without causing interference to the stations identified in Exhibit A.

III. EMERGENCY CONTACT

In the case of any interference complaint received during the course of KINB's experimental operations, the Commission may contact:

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

IV. SECTION 304 STATEMENT

Perry hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests and authorization in accordance with this application.[6]

V. ANTI-DRUG ABUSE CERTIFICATION

Perry certifies that, to its knowledge, neither Perry nor any party to this application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.[7]

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6 *See* 47 U.S.C. § 304.

7 21 U.S.C § 862.

VI. CONCLUSION

For the foregoing reasons, Perry respectfully requests experimental authority operate KINB's hybrid IBOC digital power up to -14 dBc on KINB's lower sideband and -12 dBc on its upper sideband.

Respectfully submitted,

PERRY MEDIA GROUP, LLC

By: _____
Kevin Perry
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Counsel for Perry Media Group, LLC

Dated: February 22, 2022

EXHIBIT A

KINB
EXPERIMENTL STA APPLICATION

RequestingExperimental 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:

Request experimental asymmetrical HD power:

HD Upper sideband = .059 kW rounded (-12 dBc - 6.3%)
HD Lower sideband = 0.037 kW rounded (-14 dBc - 4%)

Discussion:

KINB on channel 287A (FCC facility #88376) requests experimental authority to utilize asymmetrical HD power levels in common amplification mode as proposed below:

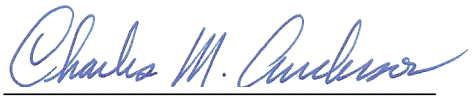
(1) Proposed digital power **upper side band = -12 dBc**/ 6.3% - 59 Watts ERP
(2) Proposed digital power **lower side band = -14 dBc**/ 4.0% - 37 Watts ERP

(3) Maximum analog + digital TPO = 0.941 kW Analog + 0.059 kW digital = 1.0 kW TPO

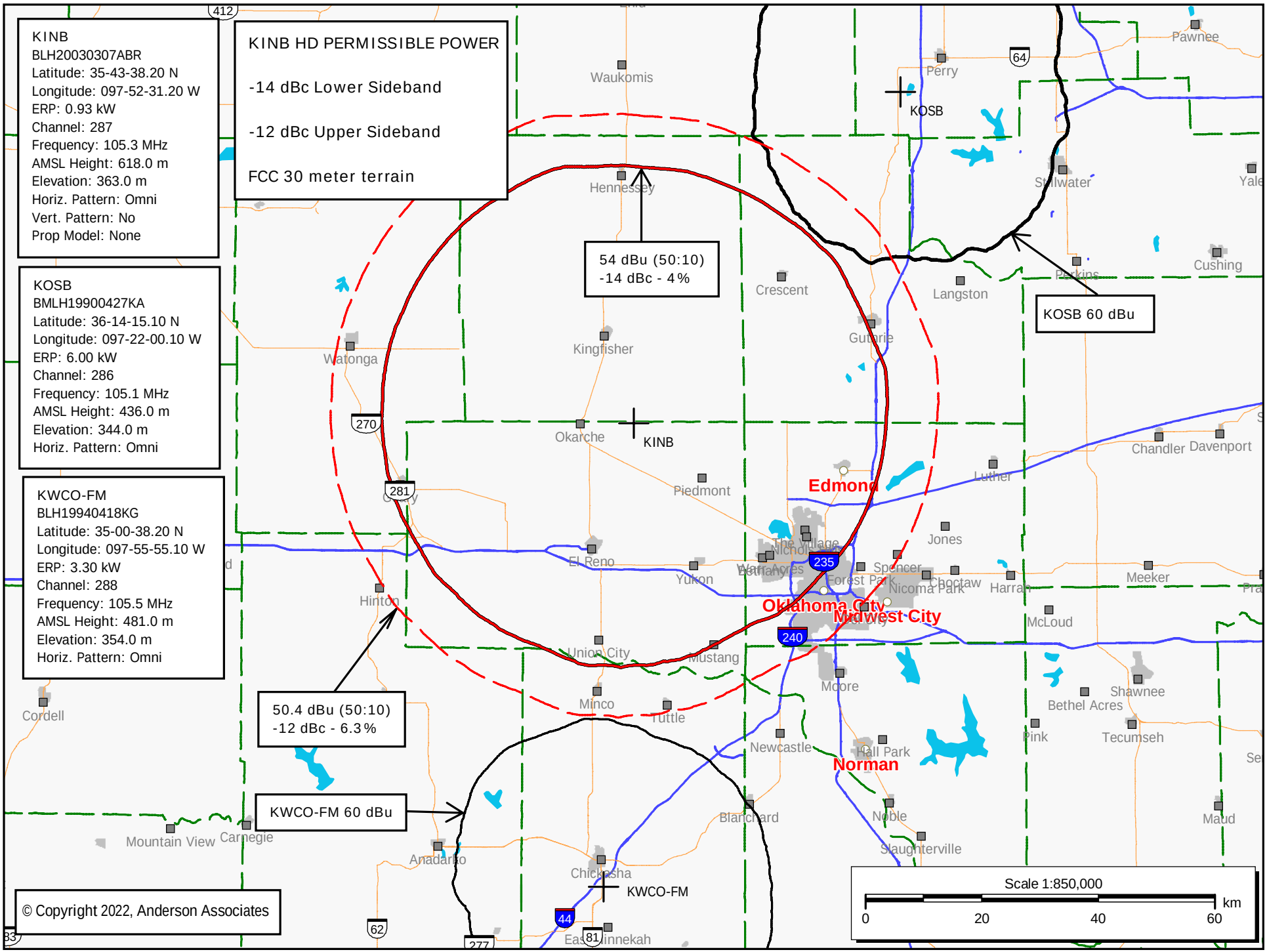
The undersigned certifies that the requested digital power level complies with the requirements of MM Docket 99-325. An attached map shows that the KINB 50.4 dBu (50:10) does not overlap the 60 dBu of the closest upper 1st adjacent channel KWCO-FM and the KINB 54.0 dBu (50:10) contour does not overlap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

Therefore, KINB may operate with -12 dBc (6.3%) in the upper side band and -14 dBc (4%) in the lower side band and

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



Charles M. Anderson 2-16-2022
cmanderson43@yahoo.com
270-535-4432


KINB
BLH20030307ABR
Latitude: 35-43-38.20 N
Longitude: 097-52-31.20 W
ERP: 0.93 kW
Channel: 287
Frequency: 105.3 MHz
AMSL Height: 618.0 m
Elevation: 363.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None
KOSB
BMLH19900427KA
Latitude: 36-14-15.10 N
Longitude: 097-22-00.10 W
ERP: 6.00 kW
Channel: 286
Frequency: 105.1 MHz
AMSL Height: 436.0 m
Elevation: 344.0 m
Horiz. Pattern: Omni
KWCO-FM
BLH19940418KG
Latitude: 35-00-38.20 N
Longitude: 097-55-55.10 W
ERP: 3.30 kW
Channel: 288
Frequency: 105.5 MHz
AMSL Height: 481.0 m
Elevation: 354.0 m
Horiz. Pattern: Omni
KINB HD PERMISSIBLE POWER
-14 dBc Lower Sideband
-12 dBc Upper Sideband
FCC 30 meter terrain
54 dBu (50:10)
-14 dBc - 4%
KOSB 60 dBu
50.4 dBu (50:10)
-12 dBc - 6.3%
KWCO-FM 60 dBu
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Scale 1:850,000
0 20 40 60 km
Waukomis
Hennessey
Perry
KOSB
Pawnee
Stillwater
Yale
Cushing
Perkins
Langston
Crescent
Guthrie
Kingfisher
Watonga
Okarche
KINB
Piedmont
Edmond
Luther
Chandler
Davenport
Jones
El Reno
Yukon
Spencer
Forest Park
Choctaw
Harrah
Meeker
Nicoma Park
Oklahoma City
Midwest City
McLoud
Hinton
Union City
Mustang
Moore
Shawnee
Bethel Acres
Pink
Tecumseh
Minco
Tuttle
Cordell
Newcastle
Hall Park
Norman
Blanchard
Noble
Maud
Slaughterville
Mountain View
Carnegie
Anadarko
Chickasha
KWCO-FM
East Chickasha
Tuttle
Minco
Union City
Mustang
Moore
Newcastle
Blanchard
Noble
Slaughterville
Hall Park
Norman
Bethel Acres
Shawnee
Pink
Tecumseh
Maud
McLoud
Meeker
Harrah
Choctaw
Nicoma Park
Spencer
Forest Park
Jones
Luther
Chandler
Davenport
Edmond
Piedmont
Okarche
KINB
Kingfisher
Watonga
Crescent
Guthrie
Langston
Perkins
Cushing
Stillwater
Yale
Pawnee
Waukomis
Hennessey
Perry
KOSB
Mountain View
Carnegie
Anadarko
Chickasha
KWCO-FM
Hinton
Cordell
El Reno
Yukon
Oklahoma City
Midwest City
Norman
412
64
270
281
235
240
44
62
277
81
83