

KMXH 93.9 FM Comprehensive Technical Exhibit

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SUMMARY

JWBP Broadcasting, LLC ("Applicant"), licensee of station KMXH 93.9 FM (Facility ID #21854) at Alexandria, Louisiana, hereby submits this application in furtherance of upgrading the broadcast facility of KMXH from a FM Class A authorization to a FM Class C3 authorization. Applicant currently holds Commission Authorization BPH-20140714AAT, which is set to expire on August 15, 2017. Through its application herein, Applicant respectfully requests modification of its existing Construction Permit to facilities specified herein, using its present antenna structure location and elevation, while seeking an increase in Effective Radiated Power level from 6,000 Watts to 7,300 Watts.

EXHIBIT 28 – COMMUNITY COVERAGE / SECTION 73.315 EXHIBIT

The current KMXH transmitter site lies within the licensed community of Alexandria, Louisiana, and as such, the community is easily encompassed by the F(50,50) 70 dBu (3.16 mV/m) signal using the Commission's curves propagation methodology. The present KMXH facility is already licensed to Alexandria at a lower effective radiated power level than what is contemplated herein, from the same tower location and antenna elevation. Therefore, it is concluded that the proposed facility complies with the Commission's Rules pertaining to requisite community coverage.

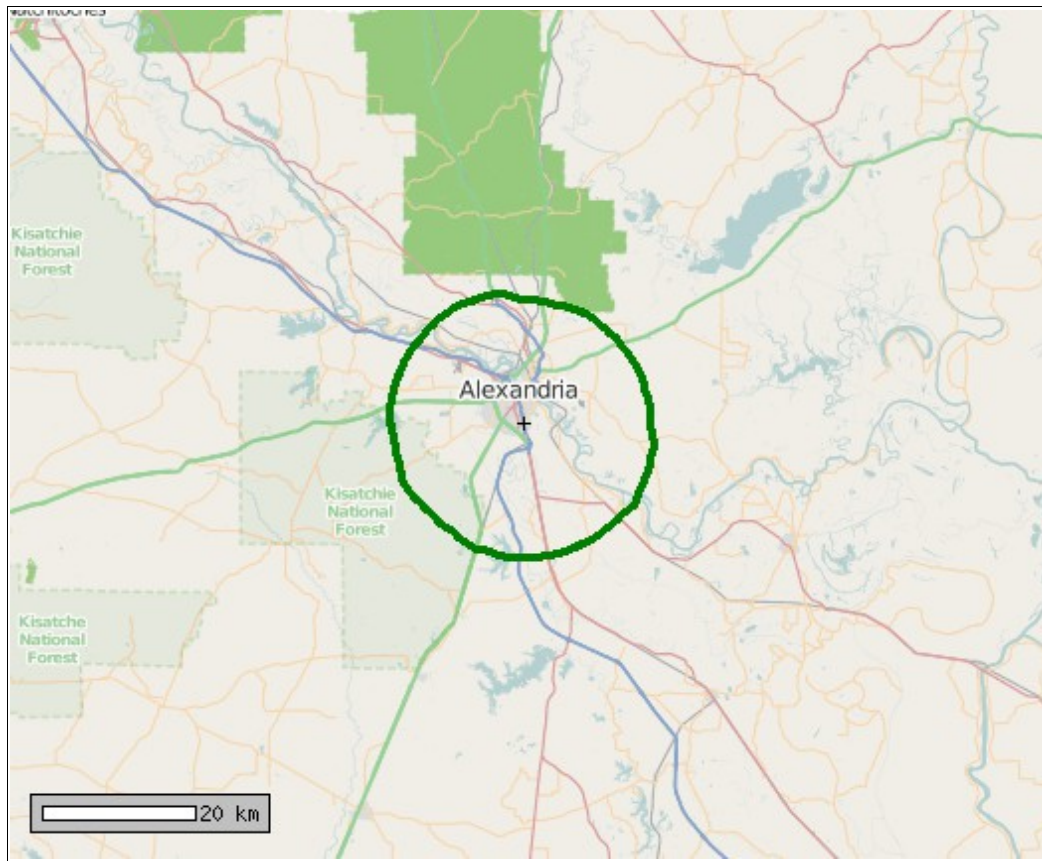


FIGURE 1: Predicted F(50,50) 70 dBu contour in Alexandria, Louisiana.

EXHIBIT 30 – SEPARATION STUDY / SECTION 73.207 EXHIBIT

Table 1 shows the spacing study performed for the proposed KMXH facility. All minimum distance requirements of 47 C.F.R. §73.207 are met with the exceptions of the licensed facility of station KYFJ 93.7 FM at New Iberia, Louisiana on FM Channel 229C1, as well as the licensed facility of station KGGM 93.9 FM at Delhi, Louisiana on FM Channel 230C3. §73.215 processing is requested to resolve these short-spacings (see Exhibit 34).

TABLE 1: Section 73.207 Separation Study

Proposed Station: KMXH, Alexandria, Louisiana

Channel: 230C3

Coordinates: 31-16-04.3 N 92-26-23.5 W

FAC ID	CDBS	CALL	TYPE	CHANNEL	COMMUNITY	STATE	DISTANCE	MINIMUM	DIFFERENCE
8167	1638758	KYFJ	LIC	229C1	NEW IBERIA	LA	135.32	144.00	-8.68
35646	1660288	KGGM	LIC	230C3	DELHI	LA	152.24	153.00	-0.76
41057	564136	KSMB	LIC	233C	LAFAYETTE	LA	102.68	96.00	6.68
58931	187333	WEMX	LIC	231C1	KENTWOOD	LA	151.32	144.00	7.32
166024	1243564	KRLQ	LIC	231C2	HODGE	LA	133.80	117.00	16.80
52140	492263	KJAE	LIC	228C3	LEESVILLE	LA	82.74	43.00	39.74
191529	1739208	WETH	LIC	232C3	HARRISONBURG	LA	87.32	43.00	44.32
46982	70125	KXKS-FM	LIC	229C0	SHREVEPORT	LA	210.28	163.00	47.28
46982	1738103	KXKS-FM	LIC	229C0	SHREVEPORT	LA	210.33	163.00	47.33
48918	21268	KQXY-FM	LIC	231C1	BEAUMONT	TX	196.61	144.00	52.61
190004	1738589	KFON	CP	230C2	GROVETON	TX	240.09	177.00	63.09
16370	220812	KNEK-FM	LIC	284C3	WASHINGTON	LA	98.88	14.00	84.88
70355	243578	KWTG	LIC	284A	VIDALIA	LA	105.99	12.00	93.99
198781	1687134	KPDJ	CP	228A	CALHOUN	LA	139.32	42.00	97.32

73.215 processing is requested to resolve the short-spacings to KYFJ and KGGM.

EXHIBIT 34 – CONTOUR PROTECTION STUDY / SECTION 73.215 EXHIBIT

Although the proposed KMXH facilities do not satisfy the minimum spacing requirements of §73.207 with regard to the licensed facilities of station KYFJ, New Iberia, Louisiana or KGGM, Delhi, Louisiana, the contour protection requirements for short-spaced assignments of §73.215 are met towards both.

1) The distance between the KYFJ (229C1) transmitter site and the KMXH (230C3) transmitter site is 135.32 km. Although this distance is less than the 144 km spacing required under §73.207, it exceeds the 133 km minimum distance requirement of §73.215(e). The locations of the protected and interfering contours of KYFJ (using its hypothetical maximum facilities of 100 kW at 299 meters above average terrain) and the proposed KMXH facility were determined and are shown in Figure 2. No prohibited overlap is expected between the protected and interfering contours.

2) The distance between the KGGM (230C3) transmitter site and the KMXH (230C3) transmitter site is 152.24 km. Although this distance is less than the 153 km spacing required under §73.207, it exceeds the 142 km minimum distance requirement of §73.215(e). The locations of the protected and interfering contours of KGGM (using hypothetical maximum facilities of 25 kW at 100 meters above average terrain) and the proposed KMXH facility were determined and are shown in Figure 3. No prohibited overlap is expected between the protected and interfering contours.

Relevant contour plots were generated by computer using the methods specified in §73.313. Antenna height above average terrain was computed using the standard eight-radial method specified in §73.313(d). Average terrain along additional azimuths was computed and used in conjunction with the F(50,50) and F(50,10) curves to determine distances to protected and interfering contours respectively. These additional azimuths were not included in the computation of the antenna eight-radial height above average terrain. Elevation data used in the computation of average terrain was determined by linear interpolation of USGS 30-arcsecond digital elevation model files consistent with §73.312.

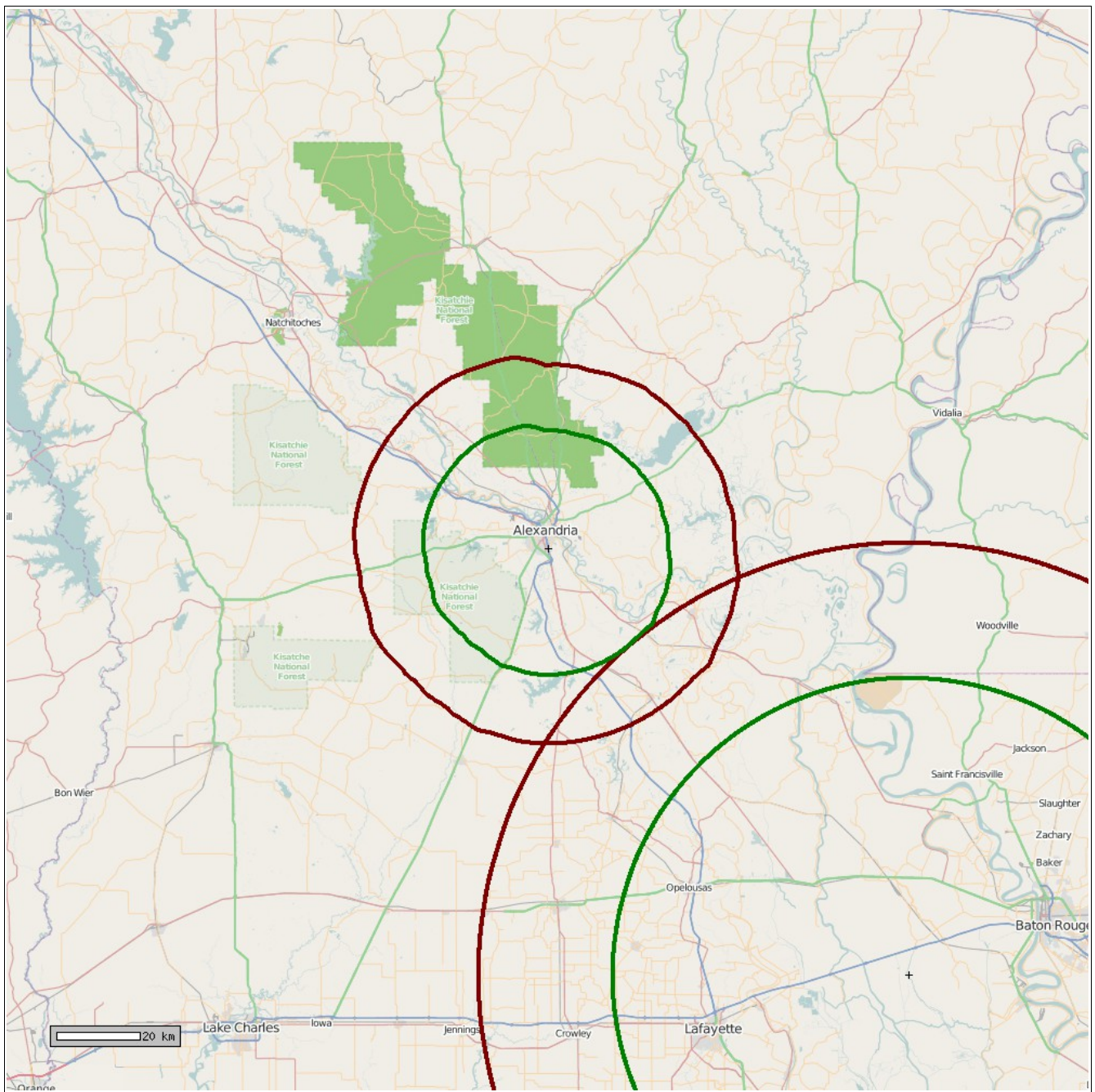


FIGURE 2: The above image depicts the F(50,50) 60 dBu contour of the proposed KMXH facilities (green, center of image), and the licensed KYFJ F(50,50) 60 dBu contour (green, lower right of image), as well as the F(50,10) 54 dBu contours of both stations. As shown above, at no point does the KYFJ F(50,10) 54 dBu interfering contour overlap the KMXH F(50,50) 60 dBu primary service area.

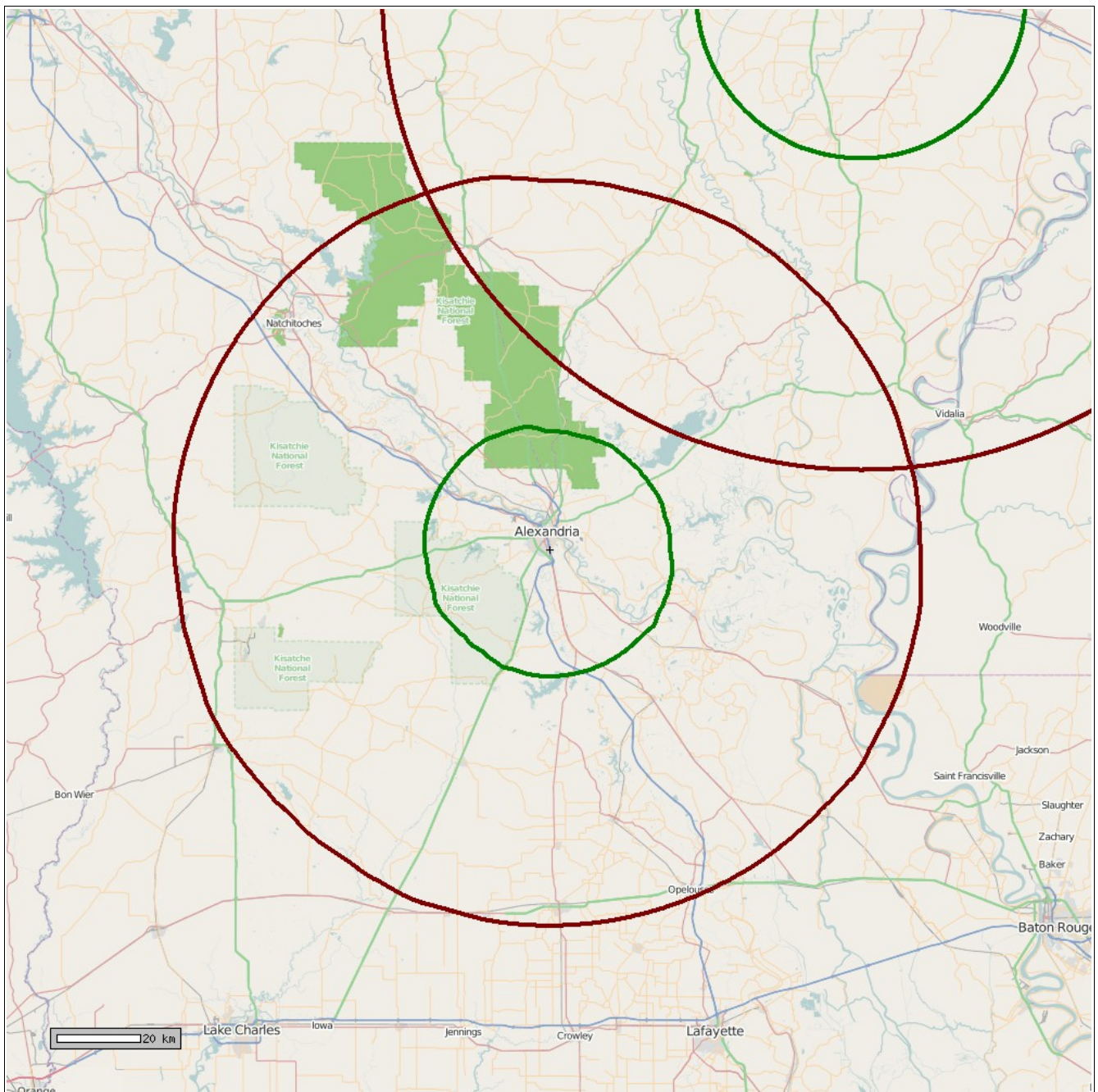


FIGURE 3: The above image depicts the F(50,50) 60 dBu contour of the proposed KMXH facilities (green, center of image), and the licensed KGGM F(50,50) 60 dBu contour (green, upper right of image), as well as the F(50,10) 40 dBu contours of both stations. As shown above, at no point does either station's F(50,10) 40 dBu interfering contour intersect with the F(50,50) 60 dBu primary service area of the other.