

## EXHIBIT E35

### 307(B) TECHNICAL REPORT IN SUPPORT OF KSMB CHANGE IN CITY OF LICENSE TO BAKER, LA

This technical report has been developed in support of an application for a minor modification to station KSMB on channel 233C to change city of license providing a second local aural service to Baker, LA (13,895) in accordance with Section 73.3573 as modified in MB Docket No. 05-210. Analyses and exhibits are provided herein to meet the requirements of question 18, exhibit 35 of form 301.

#### **Proposed KSMB service contour area and population based on FCC standard method and actual terrain:**

60 dBu	1,254,808	16,309 square kilometers
70 dBu	632,443	7,794 square kilometers

#### **Urbanized area analysis (exhibit A)**

Baker, LA is contained within the Baton Rouge urbanized area, and the proposed KSMB FCC 70 dBu encompasses 54% of that area. See exhibit A. It is also noted that the KSMB move will reduce its coverage of the Lafayette Urbanized Area from 100% to well less than 50%.

#### **Gain-loss analysis (exhibit B):**

The gain-loss analysis included as exhibit B is based on the use of the maximum class circular 60 dBu contours for the proposed 233C1 facility at Baker (72.3 km) and the minimum class C circular 60 dBu (83.5 km) at the licensed KSMB site. Based on this methodology the net gain is:

Gain area = 766,529

Loss area = 213,753

Net gain = 552,776.

**Loss area analysis (exhibit C):**

An analysis of the loss area indicates that only a deminimis population of 122 will lose fifth full time aural service. If the actual licensed contour of KSMB had been used the population losing fifth full time aural service would be 0. Furthermore, the majority of the 5<sup>th</sup> aural service loss area is over water.

The gain area is well served with five or more full time aural services.

**Lafayette, LA reception services (exhibit D)**

FM 60 dBu or greater = 20

AM 2 mV/m and nighttime interference free = 4

Total full time = 24

**Baker, LA full time reception services (exhibit E)**

FM 60 dBu or greater = 18 (including new KSMB)

AM 2 mV/m and nighttime interference free = 2

Total full time = 20

**KSMB will be the second aural broadcast service licensed to Baker, LA.**

**Lafayette, LA will continue to be served by licensed facilities:**

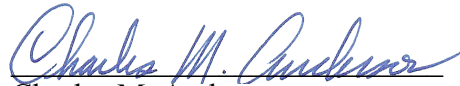
- (1) KRVS 204C2
- (2) KIKL 215C3
- (3) KRRQ 238C2
- (4) KTDY 260C
- (5) KFXZ 1520 kHz - D
- (6) KJCB 770 kHz - U
- (7) KPEL 1420 kHz - U
- (8) KVOL 1330 kHz - U

**Distance from Baker to Baton Rouge:**

The Baker, LA reference point is 14.3 km north of the Baton Rouge, LA reference point.

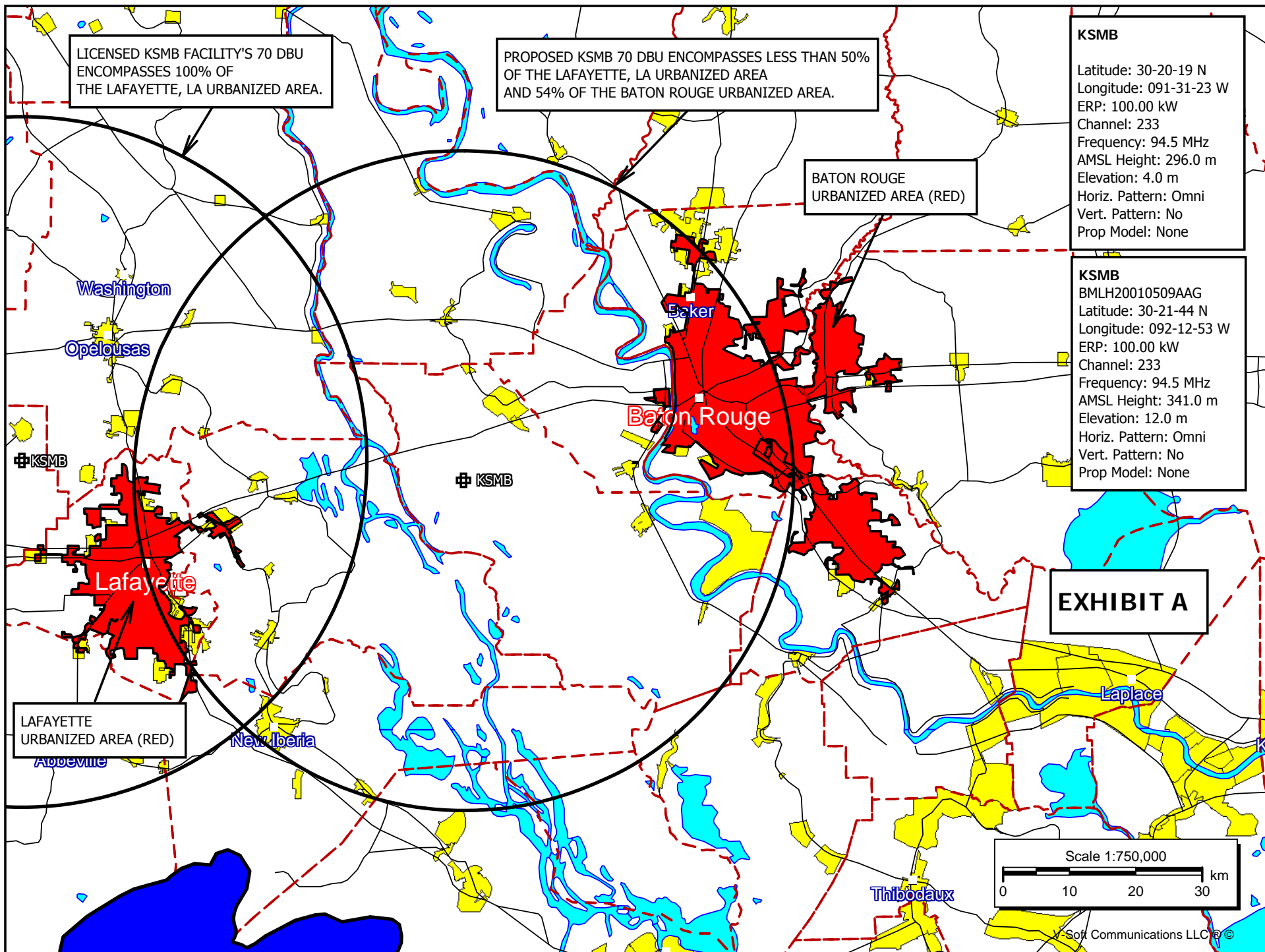
**Conclusion:**

It is concluded that the proposed site and city of license modifications for KSMB to Baker, LA are in compliance with the Commission's allocations rules and policies involving the move of a facility from one Urbanized Area to another as enunciated in the case of *KRRF(FM), Goleta, California* (DA 11-1460), as the proposal will provide a second local service and first competitive service to Baker, LA, and a net 60 dBu population gain of 552,776. Its existing city of license, Lafayette, LA, will retain a total of eight (8) local, licensed aural services from four AM and four FM facilities. Both communities are well served with existing aural reception services. In fact, Lafayette will retain 20 FM and 4 AM fulltime aural reception services while Baker will receive one additional FM reception service from KSMB which will result in a total of 18 FM and 2 AM reception services.



Charles M. Anderson

1519 Euclid Avenue  
Bowling Green, KY 42103



## EXHIBIT B GAIN-LOSS

KSMB MINIMUM CLASS C 60 DBU = 83.5 KM = 706,282

KSMB PROPOSED 233C1 60 DBU = 72.3 KM = 1,259,081

LOSS AREA POPULATION = 213,753

KSMB

KSMB

GAIN AREA  
POPULATION = 766,529  
NET GAIN = 552,776

Scale 1:1,250,000  
0 10 20 30 km

## EXHIBIT C

### LOSS AREA BETWEEN THESE CONTOURS

Service Count: KSMB (233): FCC F(50-50) 60.00 dBu (FCC HAAT)

	Loss Area	Population	Area (sq. km)
1			
2			
3	1 Service	0	0.00
4	2 Service	0	0.00
5	3 Service	0	0.00
6	4 Service	0	0.00
7	5 Service	122	381.44
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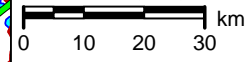
KSMB 60 DBU PROPOSED

KSMB MINIMUM CLASS C 60 DBU

ALL RESERVED BAND FM FACILITIES 60 DBU  
CONTOURS BASED ON LICENSED VALUES AND TERRAIN.

NON-RESERVED FM FACILITIES AT MAXIMUM CLASS  
USING CIRCULAR CONTOURS EXCEPT FOR CLASS C  
AT LICENSED ERP/HAAT CIRCULAR CONTOUR OR  
MINIMUM CLASS C CIRCULAR CONTOUR.

Scale 1:1,250,000



V-Soft Communications LLC®©

# EXHIBIT C1 FACILITIES CONDIDERED IN LOSS AREA STUDY

Call Sign	Lic	Chan.	Svc	Cls	City	ST	DA	Power
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KPAQ	LIC	201	M	A	Plaquemine	LA	No	2.9
KAYT	LIC	201	M	C1	Jena	LA	No	70.0
KPCP	LIC	202	M	A	New Roads	LA	Yes	6.0
KIEE	LIC	202	M	C2	St. Martinville	LA	Yes	25.0
WJFM	LIC	203	M	C2	Baton Rouge	LA	Yes	25.5
KGHY	LIC	203	M	C3	Beaumont	TX	No	13.5
KRVS	LIC	204	M	C0	Lafayette	LA	Yes	100.0
WMAU-FM	LIC	205	M	C1	Bude	MS	No	100.0
KRLR	LIC	206	M	C3	Sulphur	LA	No	16.0
KVDP	LIC	206	M	A	Dry Prong	LA	No	4.5
WRKF	LIC	207	M	C1	Baton Rouge	LA	No	28.0
KAVK	LIC	207	M	C3	Many	LA	No	12.0
KITA	LIC	208	M	C2	Iota	LA	No	19.0
KTXB	LIC	209	M	C2	Beaumont	TX	No	9.0
KBIO	LIC	209	M	A	Natchitoches	LA	No	0.1
WPAE	LIC	209	M	C1	Centreville	MS	No	84.0
KSJY	LIC	210	M	C2	St. Martinville	LA	Yes	30.0
KLXA	LIC	210	M	A	Alexandria	LA	No	3.0
WBRH	LIC	212	M	A	Baton Rouge	LA	No	2.8
KYLC	LIC	212	M	C1	Lake Charles	LA	No	80.0
KTLN	LIC	213	M	A	Thibodaux	LA	No	0.2
KZFT	LIC	213	M	C2	Fannett	TX	Yes	40.0
WAQL	LIC	213	M	C2	Mccomb	MS	Yes	30.0
KLSA	LIC	214	M	C	Alexandria	LA	No	100.0
KSLU	LIC	215	M	A	Hammond	LA	No	3.0
KIKL	LIC	215	M	C3	Lafayette	LA	No	8.2
WJVI	LIC	215	M	A	Wilson	LA	No	1.3
WASM	LIC	216	M	A	Natchez	MS	Yes	1.0
KOJO	LIC	216	M	C3	Lake Charles	LA	Yes	14.0
KLSU	LIC	216	M	A	Baton Rouge	LA	No	5.0
WNKV	LIC	216	M	A	Norco	LA	No	4.7
KVLU	LIC	217	M	C2	Beaumont	TX	No	40.0
WHFG	LIC	217	M	C3	Broussard	LA	No	6.0
KNSU	LIC	218	M	A	Thibodaux	LA	No	0.25
WPEF	LIC	218	M	A	Kentwood	LA	Yes	6.0
KPAE	LIC	218	M	A	Erwinville	LA	No	10.0
KBAN	LIC	218	M	C3	De Ridder	LA	No	20.5
KSLP	LIC	212	M	A	Fort Pierre	SD	No	2.0
KNWD	LIC	219	M	A	Natchitoches	LA	No	0.255
KYED	LIC	219	M	A	Cameron	LA	No	0.1
KAPM	LIC	219	M	A	Alexandria	LA	No	1.0
WPRL	LIC	219	M	A	Lorman	MS	No	3.0
KCKR	LIC	220	M	C3	Church Point	LA	Yes	12.5
WWRA	LIC	220	M	A	Clinton	LA	No	5.0
KLIL	LIC	221	V	A	Moreauville	LA	No	6.0
KVCL-FM	LIC	221	V	A	Winnfield	LA	No	6.0
KTSR	LIC	221	V	C3	DeQuincy	LA	No	13.5
WRKN	LIC	222	V	C	Laplace	LA	No	100.0
KVPI-FM	LIC	223	V	A	VillePlatte	LA	No	6.0
KCOL-FM	LIC	223	V	C2	Groves	TX	No	31.0



WBKL	LIC	224	V	C2	Clinton	LA	No	32.0
KBDV	LIC	224	V	A	Leesville	LA	No	6.0
KHLA	LIC	225	V	C2	Jennings	LA	No	30.0
KQID-FM	LIC	226	V	C	Alexandria	LA	No	100.0
KJAE	LIC	228	V	C3	Leesville	LA	No	7.5
KRDJ	LIC	229	V	C1	NewIberia	LA	No	100.0
KMXH	LIC	230	V	A	Alexandria	LA	No	6.0
KQXY-FM	LIC	231	V	C1	Beaumont	TX	No	100.0
WEMX	LIC	231	V	C1	Kentwood	LA	No	100.0
KSMB	LIC	233	M	C	Lafayette	LA	No	100.0
KSBH	LIC	235	V	C3	Coushatta	LA	No	25.0
WPRF	LIC	235	V	C2	Reserve	LA	No	50.0
KYKR	LIC	236	V	C1	Beaumont	TX	No	100.0
WQNZ	LIC	236	V	C1	Natchez	MS	No	100.0
KQKI-FM	LIC	237	V	C3	BayouVista	LA	No	16.5
KRRQ	LIC	238	V	C2	Lafayette	LA	No	50.0
KROK	LIC	239	V	C3	SouthFortPolk	LA	No	25.0
KZLG	LIC	240	V	A	Mansura	LA	No	6.0
KYKZ	LIC	241	V	C1	LakeCharles	LA	No	100.0
KRVE	LIC	241	V	C2	Brusly	LA	No	50.0
KPEL-FM	LIC	243	V	C2	BreauxBridge	LA	No	42.0
WTGG	LIC	243	V	A	Amite	LA	No	6.0
KCIL.C	CP	244	V	C2	Gray	LA	No	50.0
KZMZ	LIC	245	V	C0	Alexandria	LA	No	100.0
KMDL	LIC	247	V	C2	Kaplan	LA	No	38.0
WKSO	LIC	247	V	A	Natchez	MS	No	1.45
KDBH-FM	LIC	248	V	A	Natchitoches	LA	No	6.0
KAPB-FM	LIC	249	V	A	Marksville	LA	No	6.0
WTYJ	LIC	249	V	A	Fayette	MS	No	2.5
KQLK	LIC	250	V	C2	DeRidder	LA	No	50.0
WDGL	LIC	251	V	C	BatonRouge	LA	No	100.0
KKST	LIC	254	V	C1	Oakdale	LA	No	49.0
KXKC	LIC	256	V	C0	NewIberia	LA	No	100.0
KNGT	LIC	258	V	C0	LakeCharles	LA	No	100.0
KTDY	LIC	260	V	C	Lafayette	LA	No	100.0
KTEZ	LIC	260	V	A	Zwolle	LA	No	6.0
KRRV-FM	LIC	262	V	C0	Alexandria	LA	No	100.0
WTGE	LIC	264	V	C	BatonRouge	LA	No	100.0
KZBL	LIC	264	V	C3	Natchitoches	LA	No	25.0
KBON	LIC	266	V	C3	Mamou	LA	No	25.0
KKGB	LIC	267	V	C3	Sulphur	LA	No	12.0
WYNK-FM	LIC	268	V	C	BatonRouge	LA	No	100.0
KAYD-FM	LIC	269	V	C3	Silsbee	TX	No	10.5
KYBG	LIC	271	V	C1	Basile	LA	No	100.0
KBCE	LIC	272	V	C3	Boyce	LA	No	21.0
KTCX	LIC	273	V	C2	Beaumont	TX	No	50.0
WFMF	LIC	273	V	C	BatonRouge	LA	No	100.0
KJNA-FM	LIC	274	V	A	Jena	LA	No	6.0
KTXJ-FM	LIC	274	V	C2	Jasper	TX	No	46.0
KAJN-FM	LIC	275	V	C	Crowley	LA	No	100.0
WCDV	LIC	277	V	C	Hammond	LA	No	100.0
KBIU	LIC	277	V	C2	LakeCharles	LA	No	35.0
KLAA-FM	LIC	278	V	C2	Tioga	LA	No	50.0
KLWB-FM	LIC	279	V	C3	Opelousas	LA	No	3.2



KTHP	LIC	280	V	A	Hemphill	TX	No	4.5
KVDU	LIC	281	V	C	Houma	LA	No	100.0
KEZP	LIC	282	V	C3	Bunkie	LA	No	19.2
WMJU	LIC	282	V	C3	Bude	MS	No	25.0
KKMY	LIC	283	V	C1	Orange	TX	No	100.0
WNXX	LIC	283	V	A	Jackson	LA	No	3.0
KWTG	LIC	284	V	A	Vidalia	LA	No	3.0
KNEK-FM	LIC	284	V	C3	Washington	LA	No	25.0
KZWA	LIC	285	V	C3	MossBluff	LA	No	25.0
WKJN	LIC	285	V	A	Centreville	MS	No	3.0
KYPY	LIC	285	V	A	Donaldsonville	LA	No	3.0
KZKR	LIC	286	V	A	Jonesville	LA	No	0.9
KFTE	LIC	286	V	C3	Abbeville	LA	No	25.0
KSLO-FM	LIC	287	V	A	Simmesport	LA	No	0.19
KDDK	LIC	288	V	A	Addis	LA	No	6.0
KBKK	LIC	288	V	A	Ball	LA	No	6.0
KEUN-FM	LIC	288	V	A	Eunice	LA	No	1.0
KVVP	LIC	289	V	C3	Leesville	LA	No	13.5
WAKH	LIC	289	V	C1	Mccomb	MS	No	100.0
KFXZ-FM	LIC	290	V	A	Opelousas	LA	No	3.4
KBZE	LIC	290	V	A	Berwick	LA	No	4.0
KIOC	LIC	291	V	C0	Orange	TX	No	100.0
KXOR-FM	LIC	292	V	C3	Thibodaux	LA	No	25.0
KYMK-FM	LIC	292	V	A	Maurice	LA	No	2.6
KCIJ	LIC	293	V	C3	Atlanta	LA	No	25.0
KQXL-FM	LIC	293	V	C2	NewRoads	LA	No	50.0
KLEJ	LIC	294	V	A	Rayne	LA	No	4.5
KUMX	LIC	294	V	A	NorthFortPolk	LA	No	6.0
KEDG	LIC	295	V	A	Alexandria	LA	No	6.0
WHMD	LIC	296	V	A	Hammond	LA	No	6.0
KWLV	LIC	296	V	C3	Many	LA	No	25.0
KFNV-FM	LIC	296	V	C3	Ferriday	LA	No	18.5
KOGM	LIC	296	V	A	Opelousas	LA	No	3.0
KJAS	LIC	297	V	C3	Jasper	TX	No	8.0
WBRP	LIC	297	V	A	Baker	LA	No	4.27
KXMG	LIC	298	V	C1	Houma	LA	No	69.0
KJMH	LIC	298	V	C2	LakeArthur	LA	No	50.0
WAZA	LIC	299	V	C3	Liberty	MS	No	25.0
KHXT	LIC	300	V	C1	Erath	LA	No	100.0
KSMB	LIC	233	M	C1	New Iberia	LA	No	100.0
WWL (AM)	LIC	870	M	A-U	New Orleans	LA	No	50.0

## EXHIBIT D - LAFAYETTE, LA FULL TIME RECEPTION SERVICES

Call Sign	Principal City	State	Frequency (MHz)	CDBS Facility ID
KXKC	New Iberia	LA	99.1	6350
KTDY	Lafayette	LA	99.9	12674
KHXT	Erath	LA	107.9	54650
KSMB	Lafayette	LA	94.5	41057
KPEL-FM	Breaux Bridge	LA	96.5	59288
KIKL	Lafayette	LA	90.9	36225
KLWB-FM	Opelousas	LA	103.7	183335
KSJY	St. Martinville	LA	89.9	77926
KCKR	Church Point	LA	91.9	83852
KMDL	Kaplan	LA	97.3	59289
KAJN-FM	Crowley	LA	102.9	56098
KRVS	Lafayette	LA	88.7	66595
KRRQ	Lafayette	LA	95.5	36227
KYBG	Basile	LA	102.1	66791
KRDJ	New Iberia	LA	93.7	8167
KNEK-FM	Washington	LA	104.7	16370
WYNK-FM	Baton Rouge	LA	101.5	47402
WTGE	Baton Rouge	LA	100.7	70022
WFMF	Baton Rouge	LA	102.5	4053
KFTE	Abbeville	LA	105.1	276
KFXZ-N	Lafayette	LA	1520	41054
KVOL-N	Lafayette	LA	1330	9415
KJCB-N	Lafayette	LA	770	54341
KPEL-N	Lafayette	LA	1420	12682

- Lafayette, LA has twenty (20) fulltime 60 dBu FM reception services encompassing 100% of the community boundaries and four (4) licensed full time AM reception services two of which cover 100% of Lafayette with an NIF of 2 mV/m or greater and two more that cover 80%.

## EXHIBIT E BAKER, LA FULLTIME RECEPTION SERVICES

Call Sign	Principal City	State	Frequency (MHz)	CDBS Facility ID
KQXL-FM	New Roads	LA	106.5	11607
WDGL	Baton Rouge	LA	98.1	25518
WTGE	Baton Rouge	LA	100.7	70022
WYNK-FM	Baton Rouge	LA	101.5	47402
WFMF	Baton Rouge	LA	102.5	4053
KRVE	Brusly	LA	96.1	40866
WCDV	Hammond	LA	103.3	61271
WRKF	Baton Rouge	LA	89.3	53834
WEMX	Kentwood	LA	94.1	58931
WBKL	Clinton	LA	92.7	27441
KRDJ	New Iberia	LA	93.7	8167
WBRP	Baker	LA	107.3	4490
WNXX	Jackson	LA	104.5	52882
WBRH	Baton Rouge	LA	90.3	18185
WJFM	Baton Rouge	LA	88.5	31171
KVDU	Houma	LA	104.1	34528
WRKN	Laplace	LA	92.3	117
WJBO-N	Baton Rouge	LA	1150	4054
WWL-N	New Orleans	LA	870	34377

- Full time FM (17) 60 dBu and AM (2) NIF (2mV/m or greater) services encompassing 100% of Baker.