

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 16

Lafayette, LA

Channel Study

REFERENCE		CH# 215C3- 90.9 MHz, Pwr= 8.2 kW, HAAT= 114.8 M, COR= 122 M							DISPLAY DATES		
30 17 05.0 N.		Average Protected F(50-50)= 32.5 km							DATA 09-18-10		
92 04 03.0 W.		Omni-directional							SEARCH 09-23-10		
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
215C3 KIKL		LIC	CX	0.0	0.0	30 17 05.0	6.000	93.3	33.3	-125.1*	-126.6*
Lafayette		LA		0.0	BMLD20090519ABD	92 04 03.0	145	155	Educational Media Foundati		
215C3 KIKL		APP	CX	0.0	0.0	30 17 05.0	8.200	93.8	32.2	-125.6*	-125.5*
Lafayette		LA		0.0	BPED20100628BNB	92 04 03.0	114	125	Educational Media Foundati		
216C3 KOJO		LIC	DEX	264.0	85.1	30 12 07.0	14.000	51.9	34.0	0.6	1.0
Lake Charles		LA		83.6	BLED20040820AAJ	92 56 47.0	118	123	Radio Maria, Inc.		
214C KLSA		LIC	CN	342.3	149.2	31 33 56.0	100.000	115.7	78.1	1.7	22.0
Alexandria		LA		162.1	BLED19861224KB	92 32 50.0	379	428	Bd Supervisors, Louisiana		
214C2 NEW		CP	DCX	114.3	89.7	29 57 01.0	33.500	54.6	36.1	2.3	3.4
White Castle		LA		294.7	BNPED20071017ADE	91 13 12.0	127	127	Grace Educational Group, I		
217C3 WHFG		LIC	CX	158.8	37.7	29 58 04.0	6.000	2.8	29.4	2.3	5.2
Broussard		LA		338.8	BLED20080609AAH	91 55 31.0	112	113	Mary V. Harris Foundation		
213C1 KLFT		APP	DCX	204.1	53.9	29 50 27.8	100.000	5.0	45.7	16.2	5.0
Kaplan		LA		24.0	BMPED20100322ACJ	92 17 45.2	81	82	Christ Our King Communicat		
215A NEW		CP	CX	50.8	121.8	30 58 25.3	1.000	42.8	11.9	46.3	15.6
Wilson		LA		231.3	BNPED20071022BMD	91 04 42.2	117	118	Centro Comunitario Juvenil		
216A KLSU		LIC	CN	80.5	86.8	30 24 37.0	5.000	30.8	20.9	23.2	15.6
Baton Rouge		LA		260.9	BLED19841011DP	91 10 37.0	49	58	Louisiana State University		
213C3 KLFT		CP	CX	204.1	53.9	29 50 27.8	7.100	2.6	26.7	18.6	24.0
Kaplan		LA		24.0	BNPED20071022BKU	92 17 45.2	80	82	Christ Our King Communicat		
214A NEW		CP	VX	236.2	103.3	29 45 54.2	6.000	34.9	23.1	35.8	30.2
Grand Chenier		LA		55.8	BNPED20071012APF	92 57 23.5	64	64	Appalachian Performing Art		
218A KPAE		LIC	CX	65.8	68.6	30 32 09.0	10.000	2.4	24.0	33.4	41.4
Erwinville		LA		246.1	BLED20070330AZL	91 24 52.0	50	56	Port Allen Educational Bro		
212C1 KYLC		LIC	V	292.9	101.4	30 38 10.0	80.000	6.8	56.9	62.0	41.3
Lake Charles		LA		112.4	BLED20010509AAL	93 02 33.0	143	168	American Family Associatio		
215A KSLU		LIC	CN	80.1	156.0	30 30 53.0	3.000	62.8	16.7	60.4	44.8
Hammond		LA		260.9	BLED19850610KA	90 27 59.0	43	56	Southeastern Louisiana Uni		
268C WYNK-FM«		LIC	C	86.3	76.2	30 19 34.0	100.000	9.2	43.1	31.0R	45.2M
Baton Rouge		LA		266.7	BMLH20040209ABT	91 16 36.0	457	459	Capstar Tx Llc		
212A WBRH		CP	CX	78.0	87.0	30 26 36.3	2.800	2.5	28.5	51.6	55.3
Baton Rouge		LA		258.5	BPED20100805ABX	91 10 53.6	146	152	East Baton Rouge Parish Sc		
212C3 WBRH		LIC	CN	78.2	89.1	30 26 42.0	21.000	3.2	30.8	53.1	55.1
Baton Rouge		LA		258.7	BLED19970912KD	91 09 33.0	60	67	East Baton Rouge Parish Sc		
218C3 KBAN		LIC	CX	292.9	101.4	30 38 10.0	20.500	4.3	40.9	64.6	57.3
De Ridder		LA		112.4	BLED20050715AAO	93 02 33.0	110	138	American Family Associatio		

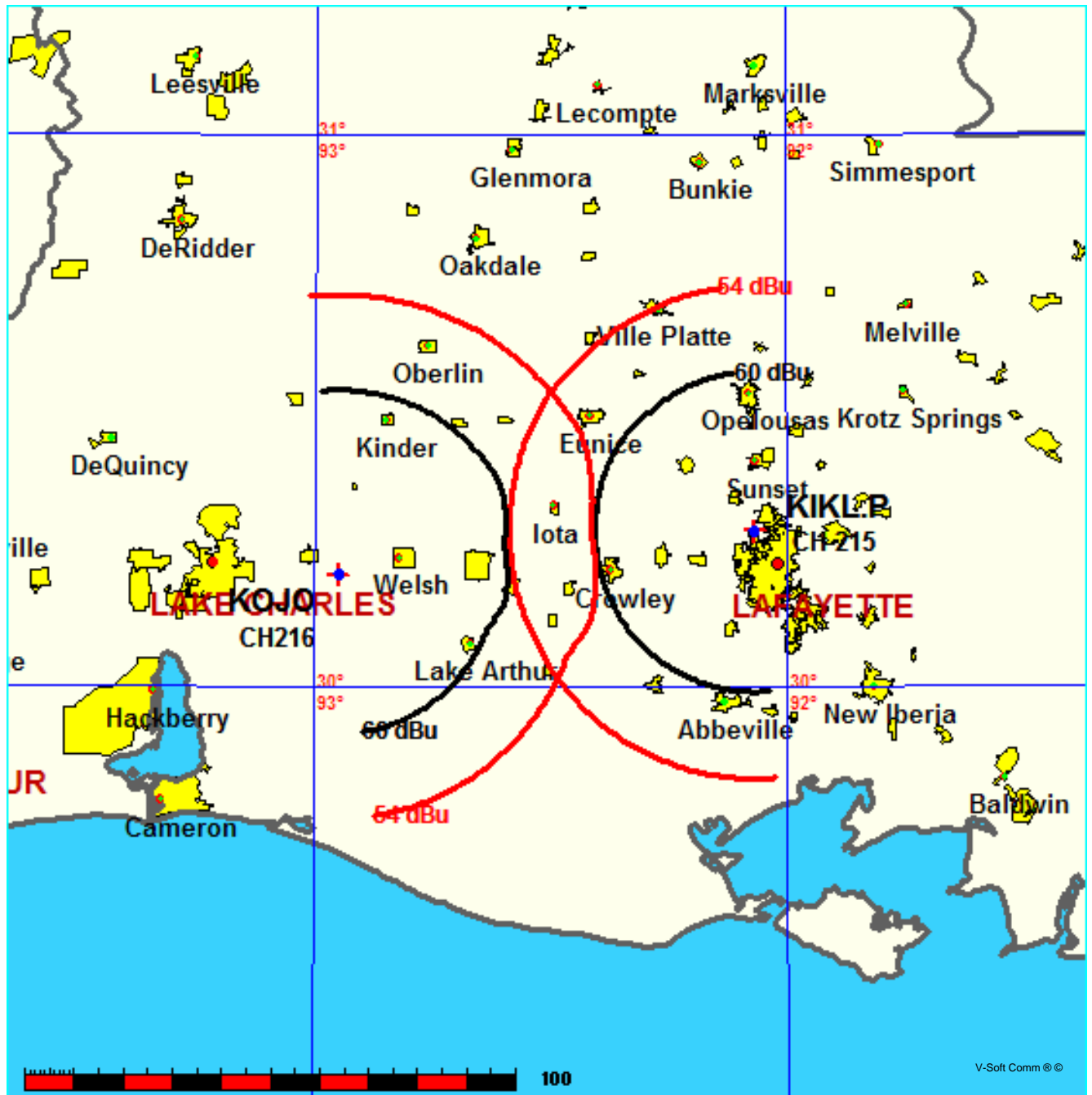
Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.
Reference station has protected zone issue: AM tower

Exhibit 16-A

FMCommander Single Allocation Study - 09-23-2010 - NGDC 30 SEC
KIKL.P's Overlaps (In= 0.57 km, Out= 1.0 km)

KIKL.P CH 215 C3
Lat= 30 17 05.0, Lng= 92 04 03.0
8.2 kW 114.8 M HAAT, 122 M COR
Prot.= 60 dBu, Intef.= 54 dBu

KOJO CH 216 C3 DA BLED20040820AAJ
Lat= 30 12 07.0, Lng= 92 56 47.0
14.0 kW 118 M HAAT, 123 M COR
Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 16-A

Lafayette, LA

KOJO vs. KIKL.P

09-23-2010

Terrain Data

FMOver Analysis

KIKL.P

KOJO BLED20040820AAJ

Channel = 215C3
Max ERP = 8.2 kW
RCAMSL = 122 M
N. Lat. 30 17 05.0
W. Lng. 92 04 03.0
Protected
60 dBu

Channel = 216C3
Max ERP = 14 kW
RCAMSL = 123 M
N. Lat. 30 12 07.0
W. Lng. 92 56 47.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
245.0	008.2000	0116.0	032.6	094.7	008.9600	0122.8	055.3	52.75	
246.0	008.2000	0116.0	032.6	094.2	008.9600	0122.8	055.0	52.85	
247.0	008.2000	0116.0	032.6	093.6	008.9600	0122.7	054.7	52.95	
248.0	008.2000	0116.0	032.6	093.1	008.9600	0122.7	054.5	53.05	
249.0	008.2000	0116.0	032.6	092.5	008.9600	0122.7	054.2	53.14	
250.0	008.2000	0116.0	032.6	092.0	008.9600	0122.7	054.0	53.23	
251.0	008.2000	0116.0	032.6	091.4	008.9600	0122.6	053.8	53.31	
252.0	008.2000	0116.0	032.6	090.8	008.9600	0122.6	053.6	53.38	
253.0	008.2000	0116.0	032.6	090.3	008.9600	0122.6	053.4	53.45	
254.0	008.2000	0116.0	032.6	089.7	008.9600	0122.5	053.3	53.51	
255.0	008.2000	0116.0	032.6	089.1	008.9600	0122.5	053.1	53.57	
256.0	008.2000	0116.0	032.6	088.5	008.9600	0122.5	053.0	53.62	
257.0	008.2000	0116.0	032.6	087.9	008.9600	0122.4	052.9	53.66	
258.0	008.2000	0116.0	032.6	087.2	008.9600	0122.4	052.8	53.70	
259.0	008.2000	0115.9	032.6	086.6	008.9600	0122.3	052.7	53.73	
260.0	008.2000	0115.9	032.6	086.0	008.9600	0122.3	052.6	53.75	
261.0	008.2000	0115.9	032.6	085.4	008.9600	0122.2	052.6	53.77	
262.0	008.2000	0115.8	032.6	084.8	008.9600	0122.1	052.5	53.78	
263.0	008.2000	0115.8	032.6	084.1	008.9600	0122.0	052.5	53.78	
264.0	008.2000	0115.7	032.6	083.5	008.9600	0121.9	052.5	53.77	
265.0	008.2000	0115.6	032.6	082.9	008.9600	0121.8	052.5	53.76	
266.0	008.2000	0115.5	032.6	082.3	008.9600	0121.7	052.6	53.74	
267.0	008.2000	0115.4	032.6	081.7	008.9600	0121.6	052.6	53.71	
268.0	008.2000	0115.3	032.5	081.0	008.9600	0121.5	052.7	53.68	
269.0	008.2000	0115.3	032.5	080.4	008.9600	0121.4	052.8	53.64	
270.0	008.2000	0115.3	032.5	079.8	009.0011	0121.4	052.9	53.63	
271.0	008.2000	0115.4	032.5	079.2	009.1383	0121.4	053.0	53.66	
272.0	008.2000	0115.4	032.6	078.6	009.2755	0121.5	053.1	53.68	
273.0	008.2000	0115.4	032.6	078.0	009.4126	0121.5	053.2	53.70	
274.0	008.2000	0115.5	032.6	077.4	009.5492	0121.6	053.3	53.70	
275.0	008.2000	0115.4	032.6	076.8	009.6846	0121.6	053.5	53.70	
276.0	008.2000	0115.3	032.5	076.3	009.8188	0121.7	053.7	53.69	
277.0	008.2000	0115.3	032.5	075.7	009.9527	0121.8	053.9	53.68	
278.0	008.2000	0115.3	032.5	075.1	010.0860	0121.8	054.1	53.65	
279.0	008.2000	0115.5	032.6	074.6	010.2199	0121.8	054.3	53.63	
280.0	008.2000	0115.6	032.6	074.0	010.3528	0121.9	054.5	53.60	
281.0	008.2000	0115.7	032.6	073.5	010.4844	0121.9	054.8	53.57	
282.0	008.2000	0115.9	032.6	072.9	010.6146	0121.8	055.0	53.52	
283.0	008.2000	0116.0	032.6	072.4	010.7424	0121.8	055.3	53.47	
284.0	008.2000	0116.0	032.6	071.9	010.8674	0121.8	055.6	53.41	
285.0	008.2000	0116.0	032.6	071.4	010.9901	0121.8	055.9	53.34	
286.0	008.2000	0116.0	032.6	070.9	011.1107	0121.8	056.2	53.27	

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Exhibit 16-A

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287.0	008.2000	0116.0	032.6	070.4	011.2290	0121.8	056.5	53.19
288.0	008.2000	0116.0	032.6	070.0	011.3452	0121.8	056.9	53.10
289.0	008.2000	0116.0	032.6	069.5	011.4589	0121.8	057.2	53.01
290.0	008.2000	0116.0	032.6	069.1	011.5702	0121.8	057.6	52.91
291.0	008.2000	0116.0	032.6	068.7	011.6788	0121.8	058.0	52.81
292.0	008.2000	0115.9	032.6	068.3	011.7843	0121.8	058.4	52.71
293.0	008.2000	0115.8	032.6	067.9	011.8858	0121.8	058.8	52.60
294.0	008.2000	0115.7	032.6	067.5	011.9839	0121.8	059.2	52.48
295.0	008.2000	0115.6	032.6	067.1	012.0792	0121.8	059.6	52.36

KIKL.P vs. KOJO

09-23-2010 Terrain Data

KOJO BLED20040820AAJ

KIKL.P

Channel = 216C3
Max ERP = 14 kW
RCAMSL = 123 M
N. Lat. 30 12 07.0
W. Lng. 92 56 47.0
Protected
60 dBu

Channel = 215C3
Max ERP = 8.2 kW
RCAMSL = 122 M
N. Lat. 30 17 05.0
W. Lng. 92 04 03.0
Interfering
54 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
060.0	014.0000	0120.4	037.4	280.5	008.2000	0115.7	053.0	52.85	
061.0	013.7214	0120.6	037.3	279.9	008.2000	0115.6	052.7	52.96	
062.0	013.4456	0120.8	037.1	279.2	008.2000	0115.5	052.4	53.07	
063.0	013.1726	0121.1	037.0	278.6	008.2000	0115.4	052.1	53.17	
064.0	012.9024	0121.4	036.9	277.9	008.2000	0115.3	051.9	53.27	
065.0	012.6350	0121.6	036.7	277.2	008.2000	0115.3	051.6	53.36	
066.0	012.3704	0121.7	036.6	276.5	008.2000	0115.3	051.4	53.43	
067.0	012.1086	0121.8	036.4	275.8	008.2000	0115.3	051.3	53.50	
068.0	011.8496	0121.8	036.2	275.1	008.2000	0115.4	051.1	53.56	
069.0	011.5934	0121.8	036.1	274.4	008.2000	0115.5	051.0	53.61	
070.0	011.3400	0121.8	035.9	273.6	008.2000	0115.5	050.9	53.65	
071.0	011.0894	0121.8	035.7	272.9	008.2000	0115.4	050.8	53.68	
072.0	010.8416	0121.8	035.5	272.2	008.2000	0115.4	050.8	53.70	
073.0	010.5966	0121.8	035.4	271.5	008.2000	0115.4	050.7	53.71	
074.0	010.3544	0121.9	035.2	270.7	008.2000	0115.3	050.7	53.71	
075.0	010.1150	0121.8	035.0	270.0	008.2000	0115.3	050.8	53.70	
076.0	009.8784	0121.7	034.8	269.3	008.2000	0115.3	050.8	53.68	
077.0	009.6446	0121.6	034.6	268.6	008.2000	0115.3	050.9	53.65	
078.0	009.4136	0121.5	034.4	267.8	008.2000	0115.3	051.0	53.62	
079.0	009.1854	0121.4	034.2	267.1	008.2000	0115.4	051.1	53.58	
080.0	008.9600	0121.4	034.0	266.4	008.2000	0115.5	051.2	53.53	
081.0	008.9600	0121.4	034.0	265.8	008.2000	0115.5	051.1	53.56	
082.0	008.9600	0121.6	034.0	265.1	008.2000	0115.6	051.1	53.59	
083.0	008.9600	0121.8	034.0	264.5	008.2000	0115.7	051.0	53.61	
084.0	008.9600	0122.0	034.1	263.8	008.2000	0115.7	051.0	53.62	
085.0	008.9600	0122.1	034.1	263.1	008.2000	0115.8	051.0	53.62	
086.0	008.9600	0122.3	034.1	262.4	008.2000	0115.8	051.0	53.62	
087.0	008.9600	0122.4	034.1	261.8	008.2000	0115.8	051.1	53.61	
088.0	008.9600	0122.4	034.1	261.1	008.2000	0115.9	051.1	53.59	
089.0	008.9600	0122.5	034.1	260.4	008.2000	0115.9	051.2	53.56	
090.0	008.9600	0122.5	034.1	259.8	008.2000	0115.9	051.3	53.52	

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Exhibit 16-A

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Lafayette, LA

091.0	008.9600	0122.6	034.1	259.1	008.2000	0115.9	051.4	53.48
092.0	008.9600	0122.7	034.1	258.5	008.2000	0115.9	051.5	53.43
093.0	008.9600	0122.7	034.1	257.8	008.2000	0116.0	051.7	53.37
094.0	008.9600	0122.8	034.1	257.2	008.2000	0116.0	051.8	53.31
095.0	008.9600	0122.8	034.2	256.6	008.2000	0116.0	052.0	53.24
096.0	008.9600	0122.9	034.2	255.9	008.2000	0116.0	052.2	53.17
097.0	008.9600	0122.9	034.2	255.3	008.2000	0116.0	052.4	53.09
098.0	008.9600	0123.0	034.2	254.7	008.2000	0116.0	052.7	53.00
099.0	008.9600	0123.0	034.2	254.1	008.2000	0116.0	052.9	52.90
100.0	008.9600	0123.0	034.2	253.5	008.2000	0116.0	053.2	52.80

FMCommander Single Allocation Study - 09-24-2010 - NGDC 30 SEC
KIKL.P's Overlaps (In= 1.73 km, Out= 22.04 km)

KIKL.P CH 215 C3
Lat= 30 17 05.0, Lng= 92 04 03.0
8.2 kW 114.8 M HAAT, 122 M COR
Prot.= 60 dBu, Intef.= 54 dBu

KLSA CH 214 C BLED19861224KB
Lat= 31 33 56.0, Lng= 92 32 50.0
100.0 kW 379 M HAAT, 428 M COR
Prot.= 60 dBu, Intef.= 54 dBu

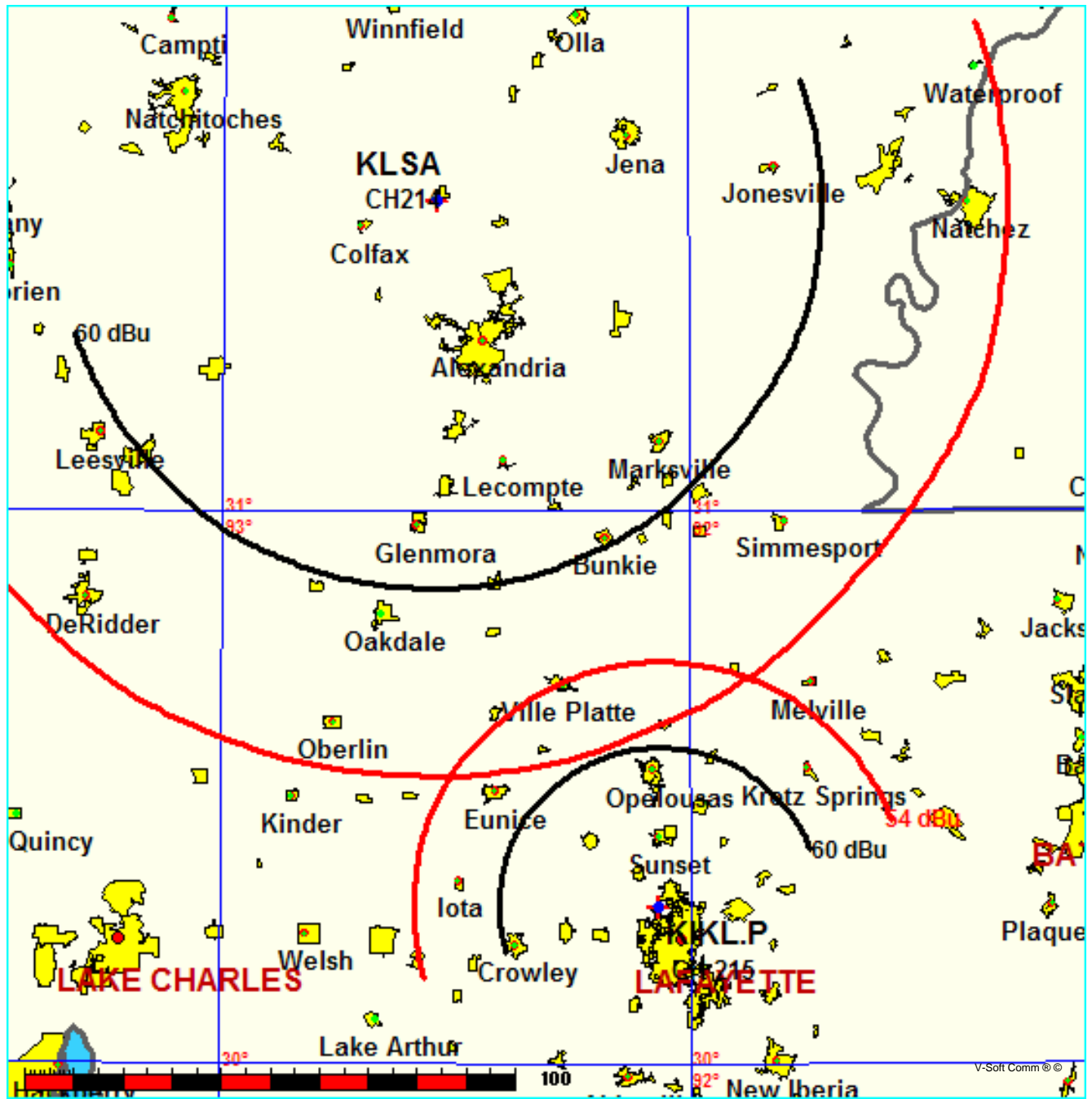


Exhibit 16-C

FMCommander Single Allocation Study - 09-24-2010 - NGDC 30 SEC
 KIKL.P's Overlaps (In= 2.34 km, Out= 3.44 km)

KIKL.P CH 215 C3
 Lat= 30 17 05.0, Lng= 92 04 03.0
 8.2 kW 114.8 M HAAT, 122 M COR
 Prot.= 60 dBu, Intef.= 54 dBu

NEW CH 214 C2 DA BNPED20071017ADE
 Lat= 29 57 01.0, Lng= 91 13 12.0
 33.5 kW 127 M HAAT, 127 M COR
 Prot.= 60 dBu, Intef.= 54 dBu

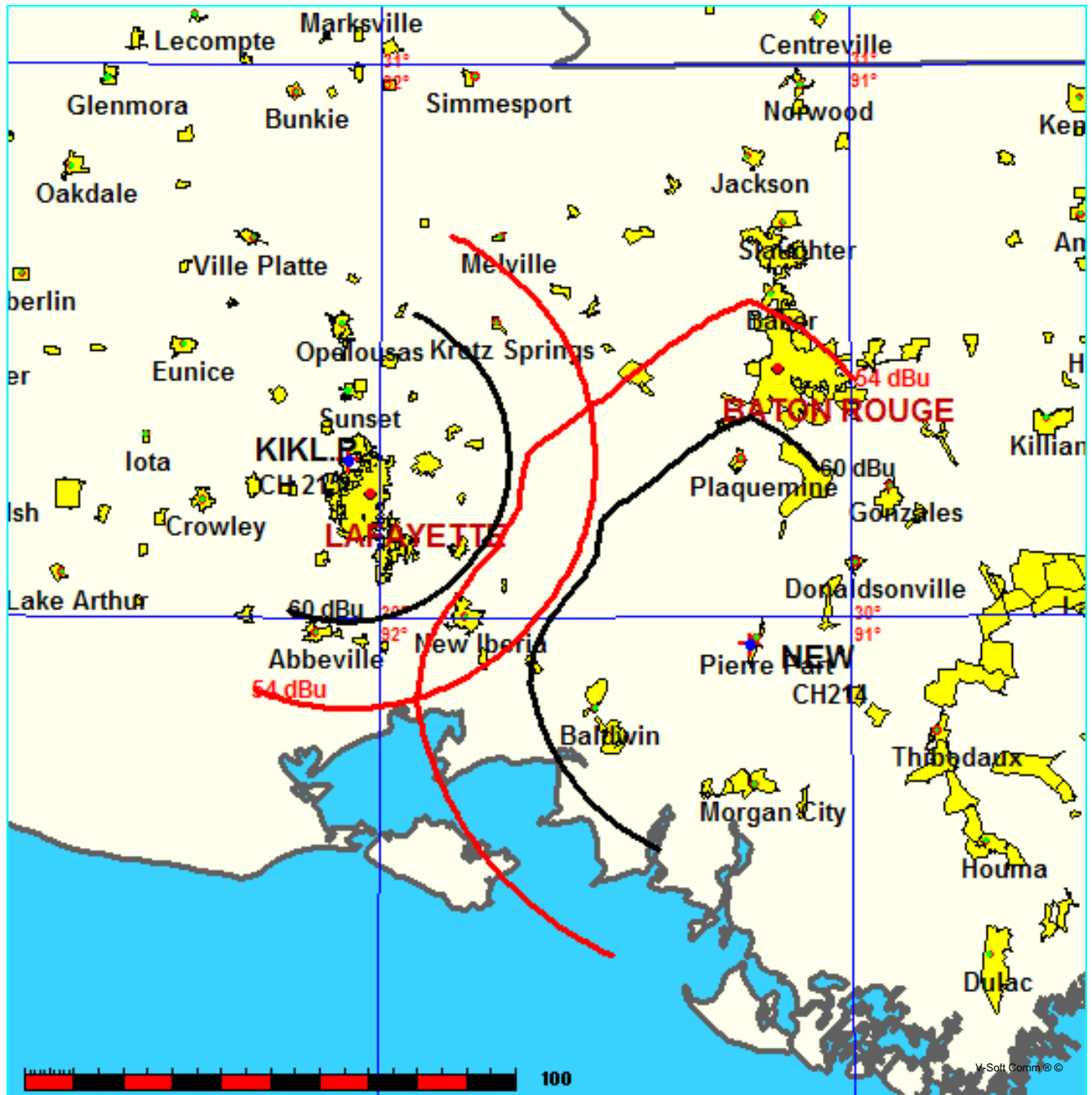


Exhibit 16-D

FMCommander Single Allocation Study - 09-24-2010 - NGDC 30 SEC
KIKL.P's Overlaps (In= 2.34 km, Out= 5.15 km)

KIKL.P CH 215 C3
Lat= 30 17 05.0, Lng= 92 04 03.0
8.2 kW 114.8 M HAAT, 122 M COR
Prot.= 60 dBu, Intef.= 100 dBu

WHFG CH 217 C3 BLED20080609AAH
Lat= 29 58 04.0, Lng= 91 55 31.0
6.0 kW 112 M HAAT, 113 M COR
Prot.= 60 dBu, Intef.= 100 dBu

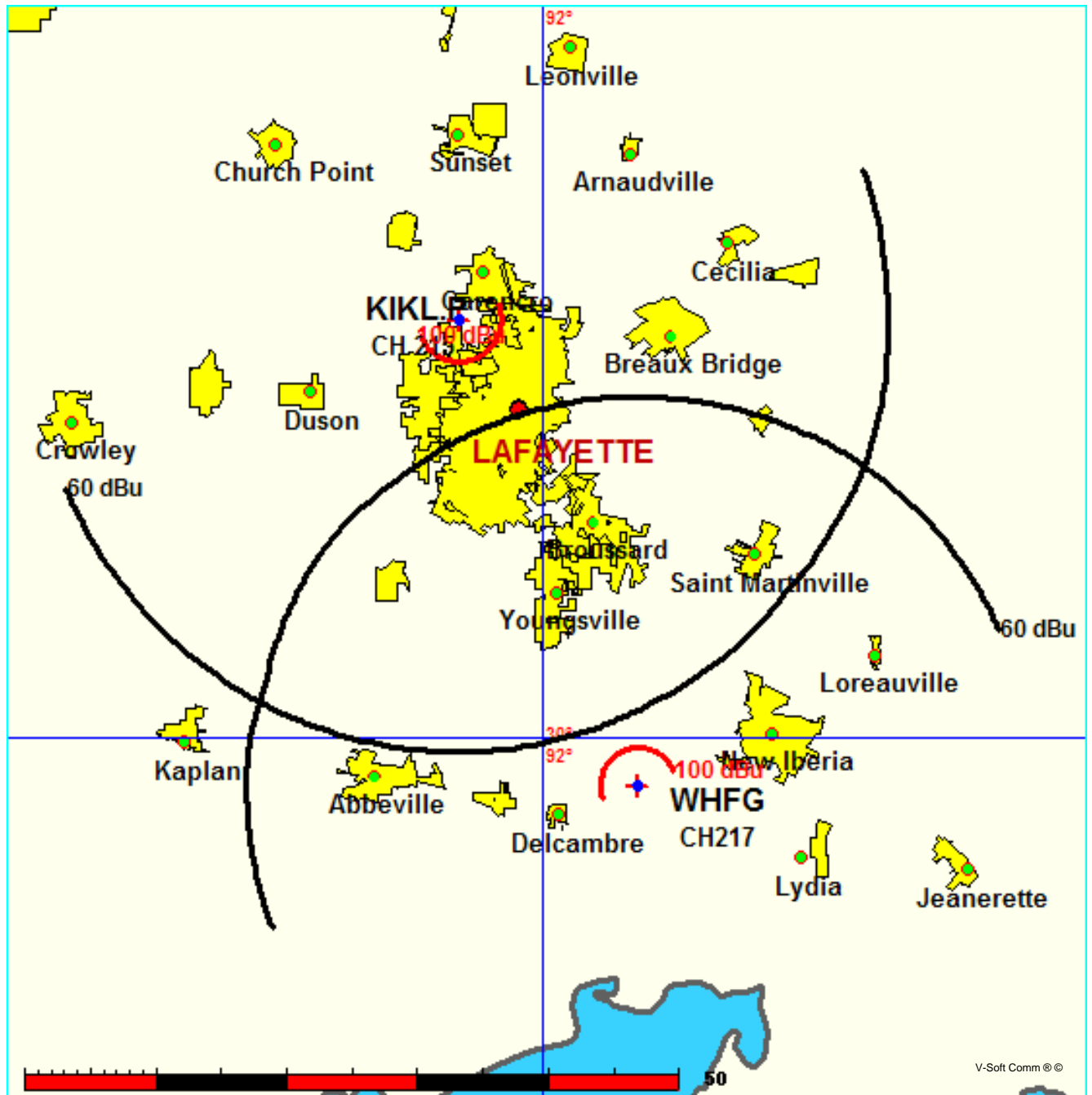


Exhibit 16-E

FMCommander Single Allocation Study - 09-24-2010 - NGDC 30 SEC
KIKL.P's Overlaps (In= 16.21 km, Out= 4.97 km)

KIKL.P CH 215 C3
Lat= 30 17 05.0, Lng= 92 04 03.0
8.2 kW 114.8 M HAAT, 122 M COR
Prot.= 60 dBu, Intef.= 100 dBu

KLFT-A CH 213 C1 DA BMPED20100322ACJ
Lat= 29 50 27.8, Lng= 92 17 45.2
100.0 kW 80.5 M HAAT, 81.5 M COR
Prot.= 60 dBu, Intef.= 100 dBu

