

Channel Study

REFERENCE		CH# 214A - 90.7 MHz, Pwr= 0.13 kW, HAAT=83.6M, COR= 1091 M								DISPLAY DATES	
33 10 30.0 N.		Average Protected F(50-50)= 10.1 km								DATA 08-24-07	
102 17 20.0 W.										SEARCH 08-24-07	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
214A Brownfield	KMLU	CP TX	162.6 342.6	2.94 BPED19990310MN	33 08 59.0 102 16 46.0	2.000 49	56.8 1070	15.2 Educational Media Foundati	-64.99*	-50.13*	
211C1 Lubbock	KAMY	LIC TX	46.7 226.9	53.12 BLED20060331AVB	33 30 08.0 101 52 20.0	63.000 131	5.9 1129	51.6 Family Life Broadcasting,	37.12	0.72	
217C2 Lamesa	KBKN	APP TX	100.5 280.8	50.17 BMPED20070406ADQ	33 05 30.5 101 45 37.5	29.000 141	5.0 1062	46.1 La Promesa Foundation	33.93	3.25	
216C2 Lamesa	KBKN	CP TX	184.6 4.6	43.42 BPED20050228ADK	32 47 05.0 102 19 35.0	23.000 100	4.0 1063	38.5 La Promesa Foundation	28.61	4.14	
215C1 Lubbock	KKLU	CP TX	44.9 225.1	55.18 BPED20060414AAW	33 31 33.0 101 52 07.0	1.230 185	39.1 1183	26.0 Educational Media Foundati	6.06	15.18	
215C3 Lubbock	KKLU	LIC TX	46.7 226.9	59.58 BLED200211126ACY	33 32 30.0 101 49 16.0	13.500 55	40.8 1041	26.0 Educational Media Foundati	8.67	19.57	
213C1 Odessa	KFLB-FM	APP TX	180.0 0.0	119.49 BMPED20060612ABN	32 05 51.0 102 17 21.0	86.000 191	91.3 1082	61.6 Family Life Broadcasting,	17.28	42.36	
213C1 Plainview	KBAH	LIC TX	28.5 208.8	112.74 BLED20040325ACM	34 03 58.0 101 42 16.0	75.000 143	82.9 1147	54.9 American Family Associatio	20.05	44.16	
212A Plains	KPHS	LIC TX	271.8 91.5	49.76 BLED19810811AP	33 11 16.0 102 49 20.0	0.220 61	1.0 1158	9.9 Plains Independent School	39.54	39.03	
217A Lamesa	KBKN	LIC TX	145.7 325.9	55.79 BLED200111113ACL	32 45 34.0 101 57 09.0	0.250 32	1.1 954	7.3 La Promesa Foundation	43.42	47.71	
215C2 Hobbs	KLIT	CP NM	226.3 45.8	113.03 BPED19990318MK	32 28 10.0 103 09 36.0	31.547 60	54.0 1128	32.9 Educational Media Foundati	49.21	66.42	
215C3 Hobbs	KLIT	APP NM	235.8 55.3	90.83 BMPED20070801IGQ	32 42 48.0 103 05 28.0	0.298 170	26.6 1261	17.9 Educational Media Foundati	54.60	59.48	
213C2 Odessa	KFLB-FM	CP TX	183.8 3.8	126.54 BPED20060320AFQ	32 02 11.0 102 22 42.0	28.000 74	56.0 985	35.0 Family Life Broadcasting,	59.69	76.10	
213C2 Odessa	KFLB-FM	LIC TX	183.8 3.8	126.54 BLED20030807AGR	32 02 11.0 102 22 42.0	28.000 74	56.0 985	35.0 Family Life Broadcasting,	59.69	76.10	
214C3 Cannon Afb	KKCU	LIC NM	319.5 138.7	187.39 BLED20061006ACD	34 26 58.0 103 37 03.0	25.000 84	110.8 1404	36.2 Csn International	67.70	121.84	

Terrain database is NGDC 30 SEC

ERP and HAAT on direct-line with reference station.

• affixed to TV6 Margin= no direct-line contour overlap.

""affixed to 'IN' or 'Out' values = site inside protected contour.

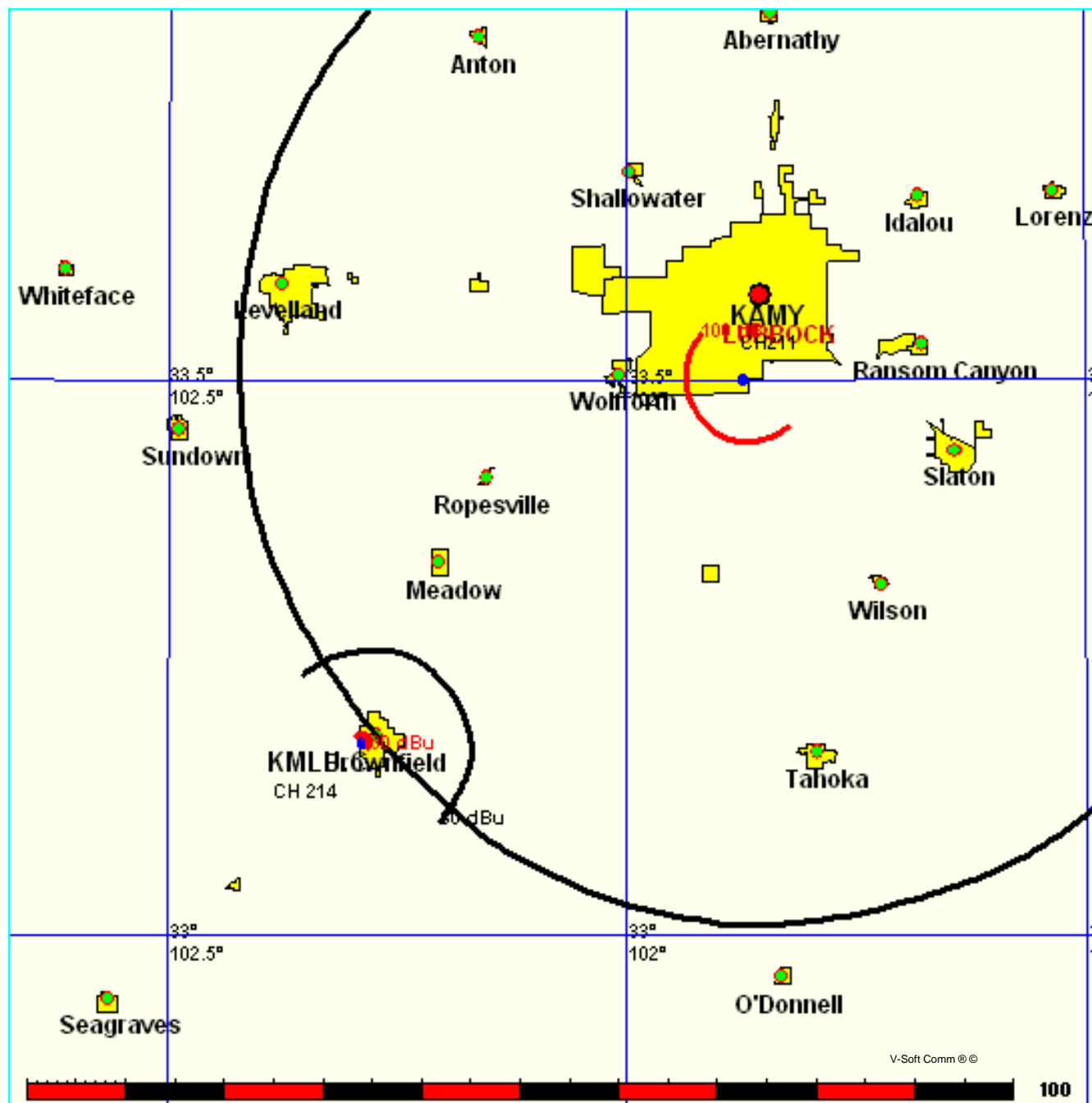
Exhibit 16 - A

FMCommander Single Allocation Study
08-24-2007

KMLU.C CH 214 A
0.13 kW 1091 M COR
Prot. = 60 dBu
Intef. = 100 dBu

KAMY CH 211 C1 BLED20060331AVB
63.0 kW, 1128.5 M COR
Prot. = 60 dBu
Intef. = 100 dBu

Scale = 1:1,000,000



KMLU vs. KAMY

08-24-2007 30 Arc-Sec. Sec. Terrain Data

KAMY BLED20060331AVB
Channel = 211C1
Max ERP = 63 kW
RCAMSL = 1128.5 M
N. Lat. 33 30 08.0
W. Lng. 101 52 20.0
Protected
60 dBu

KMLU. C
Channel = 214A
Max ERP = 0.13 kW
RCAMSL = 1091 M
N. Lat. 33 10 30.0
W. Lng. 102 17 20.0
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
224.0	063.0000	0131.7	051.7	107.8	000.1300	0104.4	003.1	81.88
225.0	063.0000	0131.4	051.7	096.7	000.1300	0104.7	002.3	86.27
226.0	063.0000	0131.1	051.7	076.4	000.1300	0094.9	001.8	89.81
227.0	063.0000	0130.6	051.6	045.5	000.1300	0083.1	001.6	90.65
228.0	063.0000	0130.0	051.5	017.6	000.1300	0074.8	001.9	87.39
229.0	063.0000	0129.4	051.4	001.3	000.1300	0067.6	002.6	81.82

Exhibit 16 - B

FMCommander Single Allocation Study
08-24-2007

KMLU.C CH 214 A
0.13 kW 1091 M COR
Prot. = 60 dBu
Intef. = 100 dBu

KBKN-A CH 217 C2 BMPED20070406ADQ
29.0 kW, 1062 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

Scale = 1:1,000,000

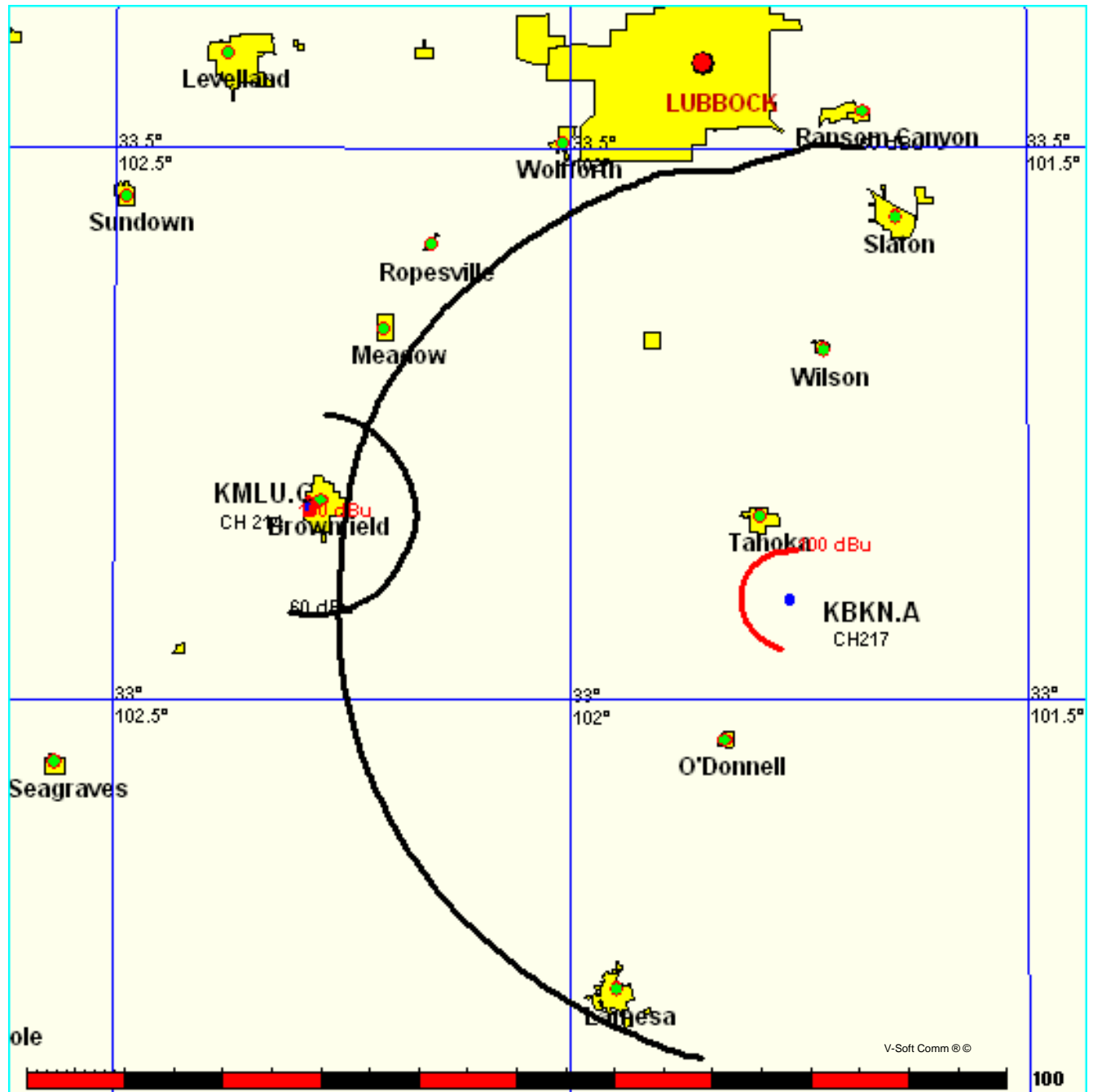


Exhibit 16 - C

FMCommander Single Allocation Study
08-24-2007

KMLU.C CH 214 A
0.13 kW 1091 M COR
Prot. = 60 dBu
Intef. = 100 dBu

KBKN.C CH 216 C2 BPED20050228ADK
23.0 kW, 1063 M COR
Prot. = 60 dBu
Intef. = 100 dBu

Scale = 1:750,000

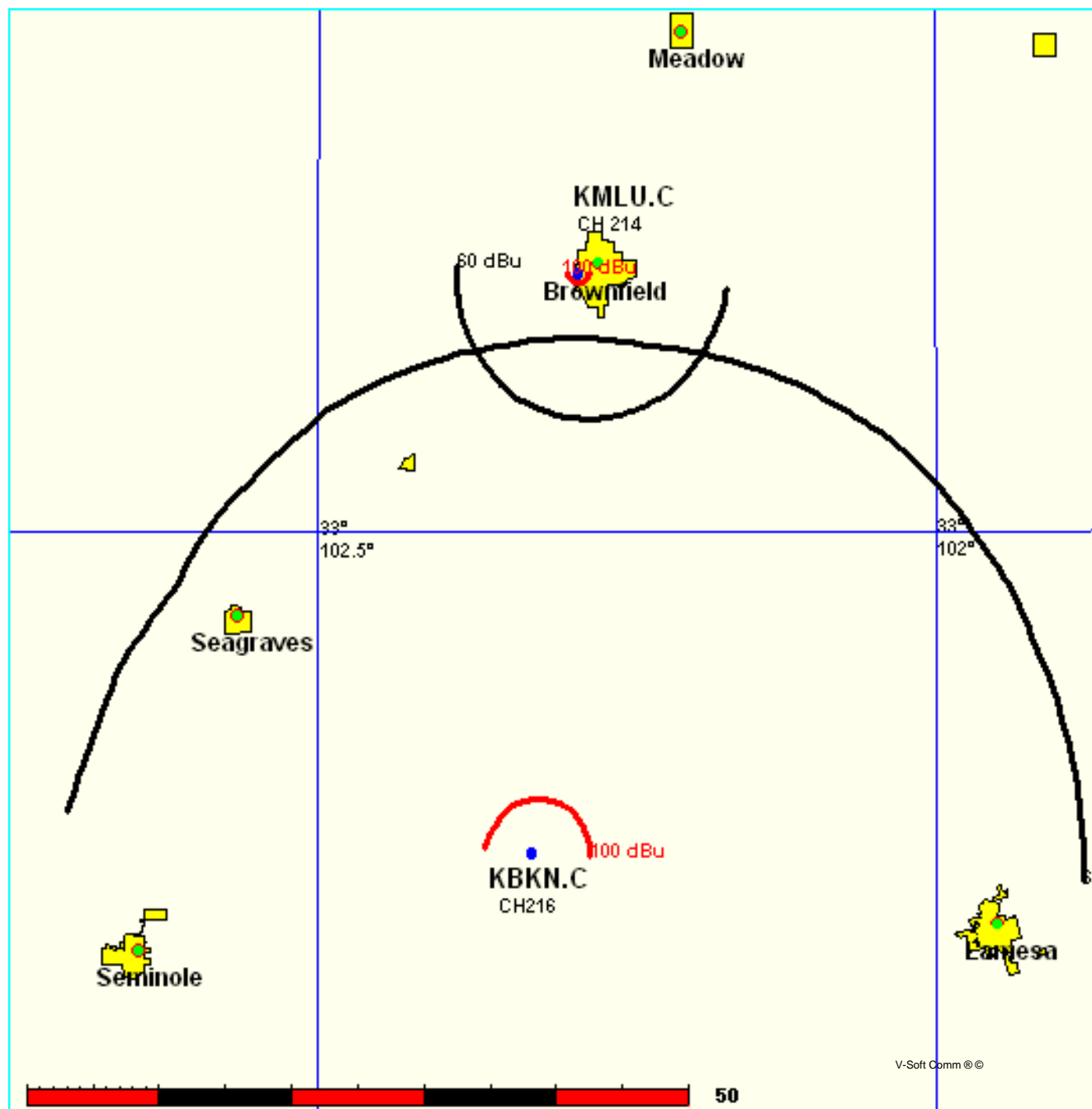


Exhibit 16 - D

FMCommander Single Allocation Study
08-24-2007

KMLU.C CH 214 A
0.13 kW 1091 M COR
Prot. = 60 dBu
Intef. = 54 dBu

KKLU-C CH 215 C1 BPED20060414AAW
30.0 kW, 1183 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

Scale = 1:1,000,000

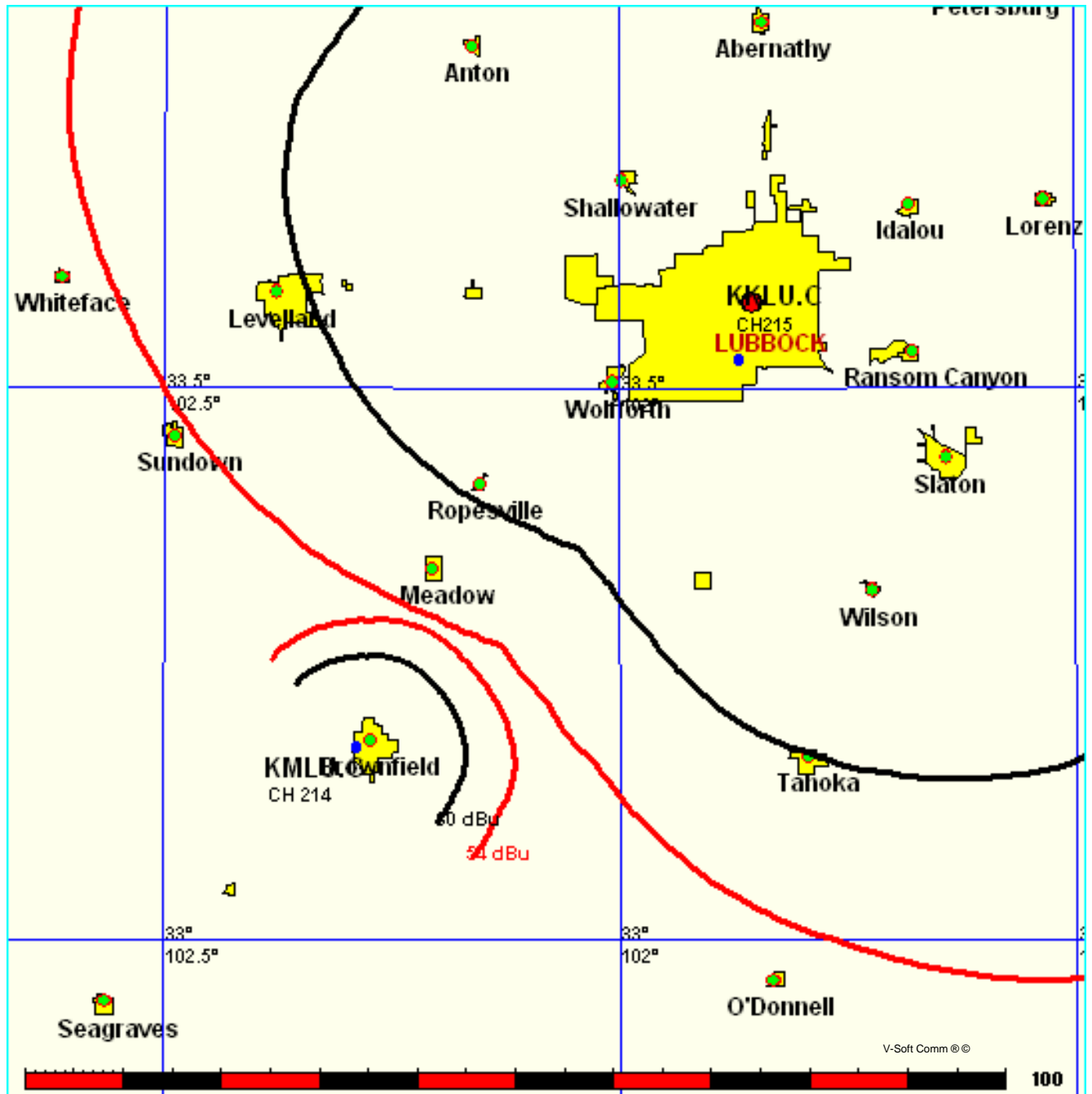


Exhibit 16 - E

FMCommander Single Allocation Study
08-24-2007

KMLU.C CH 214 A
0.13 kW 1091 M COR
Prot. = 60 dBu
Intef. = 54 dBu

KKLU CH 215 C3 BLED20021126ACY
13.5 kW, 1041 M COR
Prot. = 60 dBu
Intef. = 54 dBu

Scale = 1:1,000,000

