

Part 1 - Channel Study

REFERENCE		CH# 201C0- 88.1 MHz, Pwr= 59 kW, HAAT= 389.5 M, COR= 731 M								DISPLAY DATES	
41 18 40.0 N.		Average Protected F(50-50)= 73.5 km								DATA 05-14-10	
96 01 37.0 W.		Standard Directional								SEARCH 05-18-10	
CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
201C1 Ralston	KMLV	CP DCX NE	0.0 0.0	0.0 BMPED20091023ALC	41 18 40.0 96 01 37.0	46.000 390	109.2 731	43.4 Educational Media Foundati	-151.4*	-150.3*	
201C3 Ralston	KMLV	LIC VX NE	0.0 0.0	0.0 BLED20050307AAP	41 18 40.0 96 01 37.0	3.700 242	95.2 584	36.0 Educational Media Foundati	-137.5*	-143.0*	
203C1 Lincoln	KLCV	LIC DCX NE	207.4 27.2	65.7 BLED20090622AAF	40 47 10.0 96 23 10.0	46.000 383	6.7 731	59.6 Community Broadcasting, In	-14.9*<	-3.9<	
201C3 Ponca	KFHC	LIC E NE	339.3 158.9	137.0 BLED20080215AGY	42 27 48.0 96 37 01.9	8.800 127	95.1 499	32.9 St. Gabriel Communications	2.0	1.5	
202C2 Ravenwood	NEW	CP VX MO	124.0 305.0	164.7 BNPED20071019AZZ	40 28 22.9 94 24 51.9	50.000 139	75.8 451	50.1 Catholic Hour, Inc.	13.7	3.7	
204A Tekamah	KDCV-FM	APP DCX NE	330.8 150.6	47.9 BMJPED20071012AJR	41 41 12.0 96 18 30.0	1.051 86	1.2 457	11.7 Dana College	4.3	33.0	
201A Des Moines	KDPS	LIC HN IA	80.5 262.1	201.7 BLED261	41 35 01.0 93 38 28.0	5.200 87	80.0 350	24.1 Des Moines Independent Sch	47.1	6.1	
202A Beatrice	KQIQ	LIC V NE	212.8 32.2	148.7 BLED20010305AAD	40 10 57.0 96 58 32.0	4.200 103	41.4 527	27.0 Southeast Community Colleg	33.5	13.1	
201A Storm Lake	KOIA	CP DCX IA	24.2 204.7	167.2 BNPED20071022BND	42 40 50.0 95 11 22.0	1.400 142	57.4 564	18.0 Ron Elmore Ministries Inc	56.1	20.0	
204C1 Stanton	NEW	CP DEX IA	104.0 284.8	100.2 BNPED20071012ASC	41 05 15.0 94 52 12.0	100.000 120	4.0 474	39.0 Calvary Chapel Clarinda, I	20.7	51.0	
201C1 Topeka	KJTY	CP DCX KS	168.8 349.2	257.0 BPED20081120ACD	39 02 21.0 95 26 59.0	100.000 195	162.0 488	64.0 Family Life Broadcasting,	20.9	22.2	
201A Hastings	KCNT	LIC HN NE	248.0 66.5	210.4 BLED19820217AO	40 34 52.0 98 19 58.0	2.300 55	64.9 632	18.9 Central Community College	72.5	22.2	
201A Fort Dodge	KICB	LIC CN IA	48.4 229.7	200.4 BLED19820226AL	42 29 27.0 94 12 01.0	0.200 40	23.8 379	7.1 Iowa Central Community Col	109.9	38.4	
201C2 Topeka	KJTY	LIC CX KS	166.6 347.1	276.1 BLED20070830ACV	38 53 23.0 95 17 17.0	35.000 178	134.6 466	53.0 Family Life Broadcasting,	68.1	53.0	
06NT Junction City	KTLJ-CA	LI HN KS	194.8 14.3	263.0 BLTVL19880729IX	39 01 07.0 96 48 14.0	0.016 84	92.3 408	4.0 Nvt Topeka Licensee, Llc	264.5R	166.7M	

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), eamtlt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap

Part 2 - Request for Waiver of 47 C.F.R. Section 73.509

Educational Media Foundation ("EMF") desires to modify the existing construction permit (BMPED-20091023ALC). The existing construction permit (BMPED-20091023ALC) was granted a waiver of 47 C.F.R. Section 73.509 against facility 12837 (KLCV). KLCV has also been granted the same such waiver against EMF's facility 85846 (KMLV).

The proposed modification of KMLV's increased service area would receive interference from KLCV Lincoln, NE, a second adjacent facility. The area of "overlap received" from KLCV will be approximately 164 sq km which is 1.18% of the total area of the proposed 60dbu contour (see Exhibit 16-E for a contour map of the interference area).

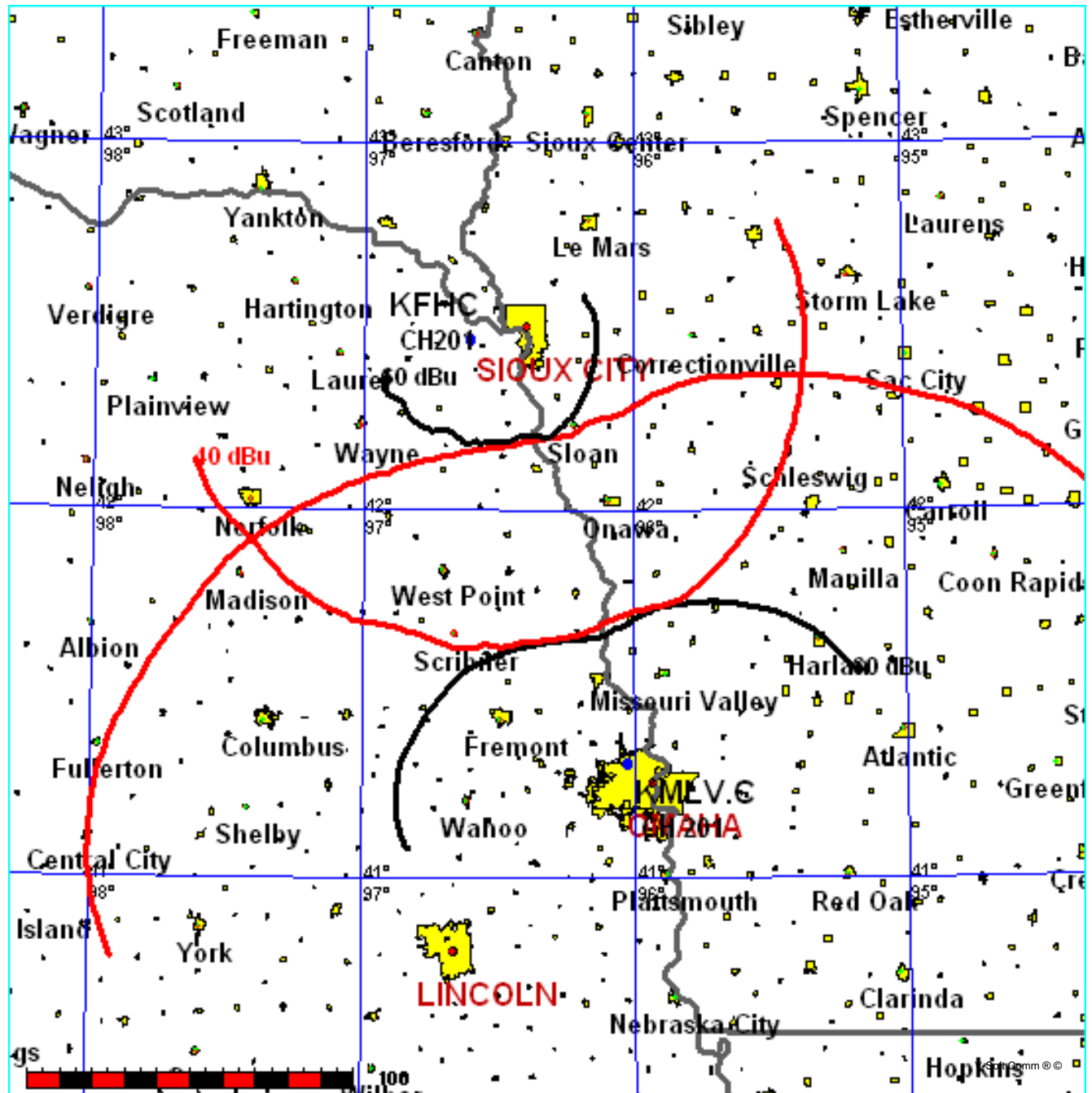
The grant of this waiver request will provide new service to an estimated 141,088 persons, an increase of 19.90%. It will allow KMLV to increase its overall coverage area by 9,336 square kilometers, an increase of 205.77%.

Exhibit 16 - A

FMCommander Single Allocation Study - 05-18-2010 - NGDC 30 SEC
KMLV.C's Overlaps (In= 1.99 km, Out= 1.51 km)

KMLV.C CH 201 C0 DA
Lat= 41 18 40.0, Lng= 96 01 37.0
59.0 kW 389.5 M HAAT, 731 M COR
Prot.= 60 dBu, Intef.= 40 dBu

KFHC CH 201 C3 BLED20080215AGY
Lat= 42 27 48.0, Lng= 96 37 01.9
8.8 kW 127.2 M HAAT, 499 M COR
Prot.= 60 dBu, Intef.= 40 dBu



KMLV and KFHC

05-18-2010 NGDC 30 SEC Terrain Data FMOver Analysis

KMLV.C
Channel = 201C0
Max ERP = 59 kW
RCAMSL = 731 M
N. Lat. 41 18 40.0
W. Lng. 96 01 37.0
Protected
60 dBu

KFHC BLED20080215AGY
Channel = 201C3
Max ERP = 8.8 kW
RCAMSL = 499 M
N. Lat. 42 27 48.0
W. Lng. 96 37 01.9
Interfering
40 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)
307.0	008.2543	0371.8	052.9	176.0	008.8000	0098.0	096.4	39.02	
308.0	007.8624	0371.2	052.4	175.4	008.8000	0100.2	096.0	39.20	
309.0	007.4800	0370.2	051.9	174.8	008.8000	0102.3	095.7	39.36	
310.0	007.1072	0368.7	051.3	174.2	008.8000	0104.1	095.5	39.49	
311.0	006.8179	0366.8	050.8	173.6	008.8000	0104.7	095.2	39.58	
312.0	006.5345	0365.1	050.3	173.0	008.8000	0104.5	095.0	39.63	
313.0	006.2572	0364.0	049.8	172.4	008.8000	0103.7	094.8	39.65	
314.0	005.9859	0363.6	049.4	171.9	008.8000	0102.3	094.6	39.64	
315.0	005.7206	0363.3	048.9	171.3	008.8000	0101.2	094.5	39.64	
316.0	005.4613	0362.5	048.5	170.7	008.8000	0100.8	094.4	39.65	
317.0	005.2081	0361.3	048.0	170.1	008.8000	0101.0	094.3	39.67	
318.0	004.9608	0360.1	047.4	169.5	008.8000	0101.6	094.3	39.69	
319.0	004.7196	0359.0	046.9	168.9	008.8000	0102.6	094.3	39.73	
320.0	004.4844	0358.0	046.4	168.3	008.8000	0103.6	094.4	39.76	
321.0	004.3018	0357.7	046.0	167.8	008.8000	0104.3	094.3	39.80	
322.0	004.1230	0358.2	045.7	167.3	008.8000	0105.1	094.3	39.84	
323.0	003.9480	0358.7	045.3	166.7	008.8000	0105.7	094.3	39.87	
324.0	003.7769	0358.7	044.9	166.2	008.8000	0106.1	094.3	39.88	
325.0	003.6095	0358.6	044.6	165.7	008.8000	0106.4	094.4	39.87	
326.0	003.4459	0358.9	044.2	165.1	008.8000	0106.8	094.5	39.86	
327.0	003.2861	0359.5	043.8	164.6	008.8000	0107.3	094.6	39.85	
328.0	003.1301	0360.2	043.4	164.1	008.8000	0107.9	094.7	39.84	
329.0	002.9779	0360.9	043.1	163.6	008.8000	0108.8	094.9	39.84	
330.0	002.8294	0361.7	042.7	163.1	008.8000	0109.9	095.1	39.83	
331.0	002.7245	0362.3	042.4	162.6	008.8000	0111.1	095.2	39.85	
332.0	002.6216	0362.8	042.1	162.2	008.8000	0112.2	095.4	39.86	
333.0	002.5206	0363.3	041.8	161.7	008.8000	0113.1	095.5	39.85	
334.0	002.4216	0364.2	041.5	161.3	008.8000	0113.5	095.7	39.83	
335.0	002.3246	0364.8	041.2	160.8	008.8000	0113.7	095.9	39.78	
336.0	002.2296	0364.8	040.9	160.4	008.8000	0113.7	096.2	39.71	
337.0	002.1366	0365.3	040.6	159.9	008.8000	0113.6	096.5	39.64	
338.0	002.0455	0367.1	040.3	159.5	008.8000	0113.7	096.7	39.58	
339.0	001.9565	0369.0	040.0	159.1	008.8000	0113.8	097.0	39.52	
340.0	001.8694	0370.5	039.7	158.7	008.8000	0114.1	097.3	39.46	
341.0	001.8694	0371.3	039.8	158.3	008.8000	0114.5	097.2	39.47	
342.0	001.8694	0370.6	039.7	157.8	008.8000	0114.9	097.3	39.47	
343.0	001.8694	0368.4	039.6	157.4	008.8000	0115.2	097.5	39.44	
344.0	001.8694	0366.1	039.5	157.0	008.8000	0115.4	097.7	39.40	
345.0	001.8694	0364.6	039.5	156.7	008.8000	0115.4	097.8	39.37	
346.0	001.8694	0362.7	039.4	156.3	008.8000	0115.4	098.0	39.32	
347.0	001.8694	0360.9	039.3	155.9	008.8000	0115.3	098.2	39.26	
348.0	001.8694	0360.0	039.2	155.5	008.8000	0115.0	098.4	39.20	
349.0	001.8694	0360.0	039.2	155.1	008.8000	0114.7	098.6	39.15	

Educational Media Foundation
 5700 West Oaks Boulevard
 Rocklin, CA 95765

Exhibit 16-A1
Ralston, NE

350.0	001.8694	0360.1	039.2	154.7	008.8000	0114.3	098.7	39.10
351.0	001.9458	0360.7	039.6	154.3	008.8000	0113.8	098.6	39.11
352.0	002.0237	0362.3	040.0	153.8	008.8000	0113.4	098.4	39.14
353.0	002.1031	0364.0	040.4	153.4	008.8000	0113.2	098.3	39.17
354.0	002.1841	0363.9	040.7	152.9	008.8000	0113.2	098.2	39.18
355.0	002.2666	0362.7	040.9	152.5	008.8000	0113.6	098.3	39.18
356.0	002.3507	0360.0	041.1	152.0	008.8000	0114.2	098.4	39.17
357.0	002.4362	0356.9	041.2	151.6	008.8000	0115.0	098.6	39.16
358.0	002.5233	0355.9	041.4	151.2	008.8000	0115.9	098.7	39.17
359.0	002.6119	0358.6	041.9	150.7	008.8000	0116.9	098.7	39.21
000.0	002.7021	0361.4	042.3	150.2	008.8000	0117.8	098.6	39.25
001.0	002.8438	0363.8	042.8	149.7	008.8000	0118.8	098.6	39.32
002.0	002.9892	0365.9	043.3	149.1	008.8000	0119.9	098.5	39.37
003.0	003.1382	0368.9	043.9	148.6	008.8000	0121.5	098.5	39.44
004.0	003.2908	0371.6	044.4	148.0	008.8000	0123.6	098.5	39.53
005.0	003.4470	0373.8	045.0	147.5	008.8000	0126.1	098.5	39.61
006.0	003.6069	0375.2	045.4	147.0	008.8000	0128.6	098.6	39.67
007.0	003.7704	0377.3	045.9	146.4	008.8000	0130.9	098.8	39.73
008.0	003.9375	0379.7	046.4	145.9	008.8000	0133.0	098.9	39.77
009.0	004.1082	0382.6	047.0	145.3	008.8000	0135.2	099.1	39.81
010.0	004.2825	0384.9	047.5	144.8	008.8000	0137.7	099.3	39.85
011.0	004.5072	0385.6	048.0	144.2	008.8000	0140.7	099.5	39.90
012.0	004.7376	0384.7	048.4	143.7	008.8000	0143.9	099.9	39.94
013.0	004.9737	0383.2	048.8	143.2	008.8000	0147.1	100.3	39.95
014.0	005.2155	0381.3	049.1	142.8	008.8000	0150.0	100.7	39.95
015.0	005.4632	0379.9	049.5	142.3	008.8000	0152.5	101.1	39.92
016.0	005.7165	0379.4	049.9	141.8	008.8000	0154.6	101.6	39.88
017.0	005.9756	0379.5	050.3	141.4	008.8000	0156.2	102.1	39.82
018.0	006.2404	0379.4	050.7	140.9	008.8000	0157.3	102.6	39.73
019.0	006.5110	0379.2	051.1	140.4	008.8000	0158.1	103.1	39.63
020.0	006.7873	0379.1	051.5	140.0	008.8000	0158.6	103.7	39.51
021.0	007.1434	0379.6	052.0	139.5	008.8000	0159.1	104.2	39.39
022.0	007.5085	0380.9	052.5	139.0	008.8000	0159.4	104.8	39.27
023.0	007.8827	0382.6	053.0	138.5	008.8000	0159.6	105.4	39.14
024.0	008.2661	0384.2	053.6	138.0	008.8000	0159.7	106.0	39.00

05-18-2010 NGDC 30 SEC Terrain Data

KFHC BLED20080215AGY
 Channel = 201C3
 Max ERP = 8.8 kW
 RCAMSL = 499 M
 N. Lat. 42 27 48.0
 W. Lng. 96 37 01.9
 Protected
 60 dBu

KMLV.C
 Channel = 201C0
 Max ERP = 59 kW
 RCAMSL = 731 M
 N. Lat. 41 18 40.0
 W. Lng. 96 01 37.0
 Interfering
 40 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)
131.0	008.8000	0163.1	038.7	349.2	001.8694	0360.0	104.5	39.02	
132.0	008.8000	0162.6	038.6	348.8	001.8694	0360.0	104.1	39.12	
133.0	008.8000	0162.1	038.6	348.5	001.8694	0360.0	103.8	39.21	
134.0	008.8000	0161.6	038.5	348.2	001.8694	0360.0	103.4	39.31	
135.0	008.8000	0161.1	038.5	347.9	001.8694	0360.0	103.1	39.40	
136.0	008.8000	0160.6	038.4	347.6	001.8694	0360.2	102.8	39.49	
137.0	008.8000	0160.2	038.4	347.2	001.8694	0360.6	102.5	39.59	
138.0	008.8000	0159.8	038.3	346.9	001.8694	0361.1	102.2	39.68	
139.0	008.8000	0159.4	038.3	346.5	001.8694	0361.6	101.9	39.78	

140.0	008.8000	0158.6	038.2	346.2	001.8694	0362.3	101.7	39.86
141.0	008.8000	0157.1	038.0	345.8	001.8694	0363.1	101.6	39.92
142.0	008.8000	0154.0	037.7	345.4	001.8694	0363.9	101.6	39.94
143.0	008.8000	0148.7	037.0	344.9	001.8694	0364.7	102.0	39.87
144.0	008.8000	0142.2	036.3	344.4	001.8694	0365.4	102.5	39.77
145.0	008.8000	0136.7	035.6	344.0	001.8694	0366.1	102.9	39.68
146.0	008.8000	0132.6	035.1	343.6	001.8694	0366.9	103.1	39.64
147.0	008.8000	0128.5	034.7	343.2	001.8694	0367.9	103.4	39.59
148.0	008.8000	0123.9	034.1	342.8	001.8694	0368.9	103.8	39.53
149.0	008.8000	0120.3	033.7	342.4	001.8694	0369.8	104.0	39.49
150.0	008.8000	0118.2	033.5	342.1	001.8694	0370.4	104.1	39.48
151.0	008.8000	0116.3	033.2	341.8	001.8694	0370.9	104.3	39.47
152.0	008.8000	0114.3	033.0	341.4	001.8694	0371.2	104.4	39.43
153.0	008.8000	0113.2	032.8	341.1	001.8694	0371.3	104.5	39.42
154.0	008.8000	0113.6	032.9	340.8	001.8694	0371.2	104.4	39.45
155.0	008.8000	0114.6	033.0	340.5	001.8694	0371.0	104.2	39.50
156.0	008.8000	0115.3	033.1	340.2	001.8694	0370.7	104.0	39.53
157.0	008.8000	0115.4	033.1	339.9	001.8808	0370.3	104.0	39.55
158.0	008.8000	0114.7	033.0	339.6	001.9083	0369.9	104.0	39.58
159.0	008.8000	0113.9	032.9	339.2	001.9357	0369.4	104.2	39.60
160.0	008.8000	0113.6	032.9	338.9	001.9632	0368.8	104.2	39.63
161.0	008.8000	0113.6	032.9	338.6	001.9909	0368.3	104.2	39.66
162.0	008.8000	0112.6	032.7	338.3	002.0182	0367.7	104.4	39.66
163.0	008.8000	0110.2	032.4	338.0	002.0444	0367.1	104.8	39.59
164.0	008.8000	0108.1	032.1	337.7	002.0702	0366.5	105.1	39.53
165.0	008.8000	0107.0	031.9	337.4	002.0963	0366.0	105.4	39.50
166.0	008.8000	0106.2	031.8	337.2	002.1226	0365.5	105.6	39.49
167.0	008.8000	0105.4	031.7	336.9	002.1486	0365.2	105.8	39.47
168.0	008.8000	0104.0	031.5	336.6	002.1734	0365.0	106.1	39.43
169.0	008.8000	0102.4	031.3	336.3	002.1975	0364.8	106.4	39.38
170.0	008.8000	0101.0	031.0	336.1	002.2212	0364.8	106.8	39.34
171.0	008.8000	0100.9	031.0	335.8	002.2472	0364.8	106.9	39.35
172.0	008.8000	0102.6	031.3	335.5	002.2772	0364.8	106.8	39.43
173.0	008.8000	0104.5	031.6	335.2	002.3080	0364.8	106.7	39.52
174.0	008.8000	0104.4	031.6	334.9	002.3344	0364.8	106.9	39.52
175.0	008.8000	0101.7	031.2	334.7	002.3535	0364.7	107.5	39.40
176.0	008.8000	0098.1	030.6	334.5	002.3689	0364.7	108.2	39.24
177.0	008.8000	0096.5	030.4	334.3	002.3889	0364.5	108.6	39.16
178.0	008.8000	0098.8	030.7	334.0	002.4214	0364.2	108.5	39.24
179.0	008.8000	0101.6	031.1	333.7	002.4558	0363.9	108.3	39.32
180.0	008.8000	0103.8	031.5	333.3	002.4886	0363.6	108.3	39.38
181.0	008.8000	0103.2	031.4	333.1	002.5117	0363.4	108.6	39.33
182.0	008.8000	0102.5	031.3	332.9	002.5344	0363.2	109.0	39.27
183.0	008.8000	0101.5	031.1	332.7	002.5549	0363.1	109.4	39.19
184.0	008.8000	0099.9	030.9	332.5	002.5722	0363.0	109.9	39.09

FMCommander Single Allocation Study - 05-18-2010 - NGDC 30 SEC
KMLV.C's Overlaps (In= 13.71 km, Out= 3.67 km)

KMLV.C CH 201 C0 DA
Lat= 41 18 40.0, Lng= 96 01 37.0
59.0 kW 389.5 M HAAT, 731 M COR
Prot.= 60 dBu, Intef.= 54 dBu

NEW CH 202 C2 BNPED20071019AZZ
Lat= 40 28 22.9, Lng= 94 24 51.9
50.0 kW 139 M HAAT, 451 M COR
Prot.= 60 dBu, Intef.= 54 dBu

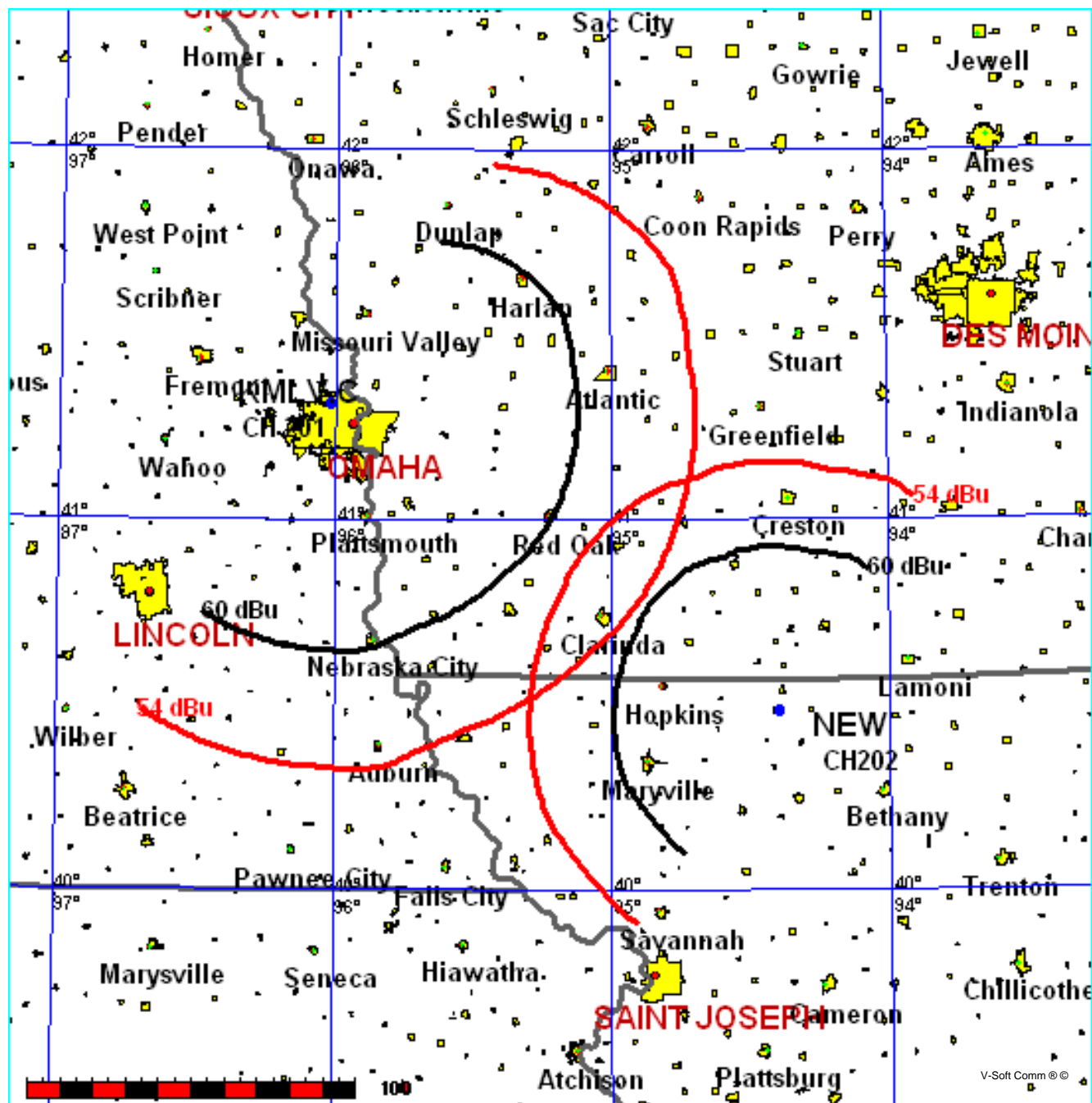
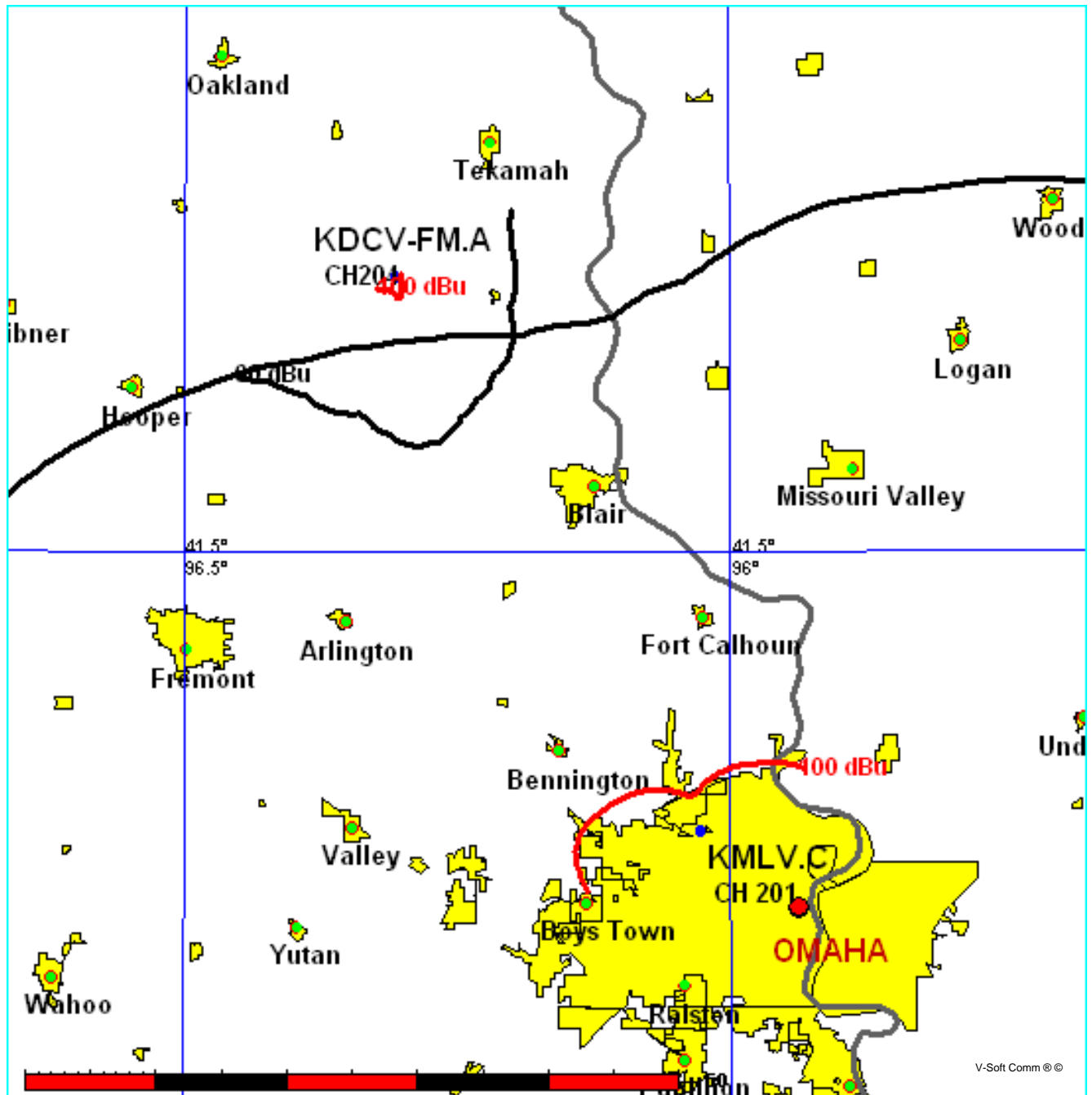


Exhibit 16 - C

FMCommander Single Allocation Study - 05-18-2010 - NGDC 30 SEC
KMLV.C's Overlaps (In= 4.26 km, Out= 33.02 km)

KMLV.C CH 201 C0 DA
Lat= 41 18 40.0, Lng= 96 01 37.0
59.0 kW 389.5 M HAAT, 731 M COR
Prot.= 60 dBu, Intef.= 100 dBu

KDCV-FM.A CH 204 A DA BMJPED20071012AJR
Lat= 41 41 12.0, Lng= 96 18 30.0
1.051 kW 86 M HAAT, 457 M COR
Prot.= 60 dBu, Intef.= 100 dBu



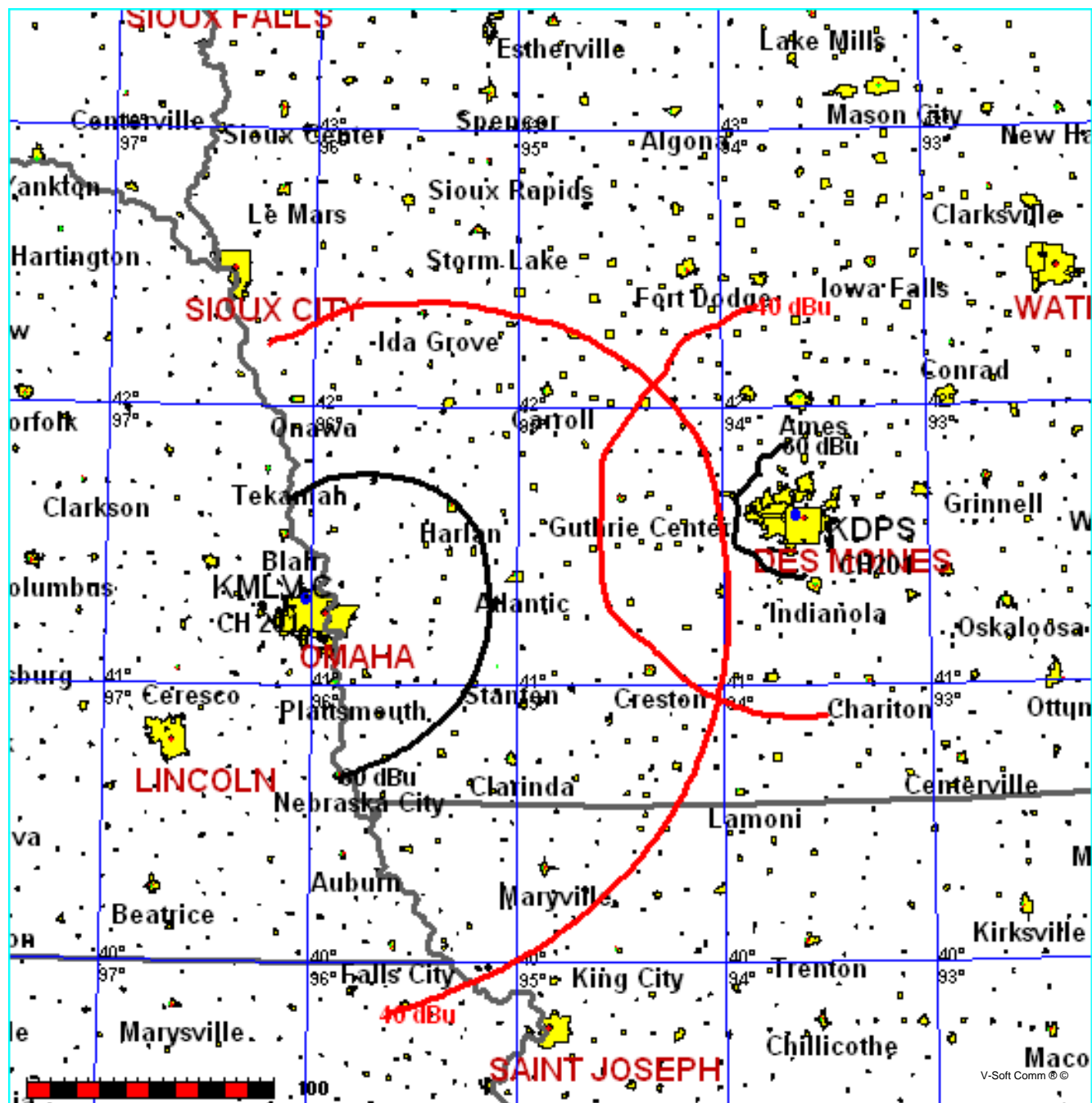


Exhibit 16 - E

KMLV.P

Latitude: 41-18-40 N
Longitude: 096-01-37 W
ERP: 59.00 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 731.0 m
Elevation: 364.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

