

Channel Study

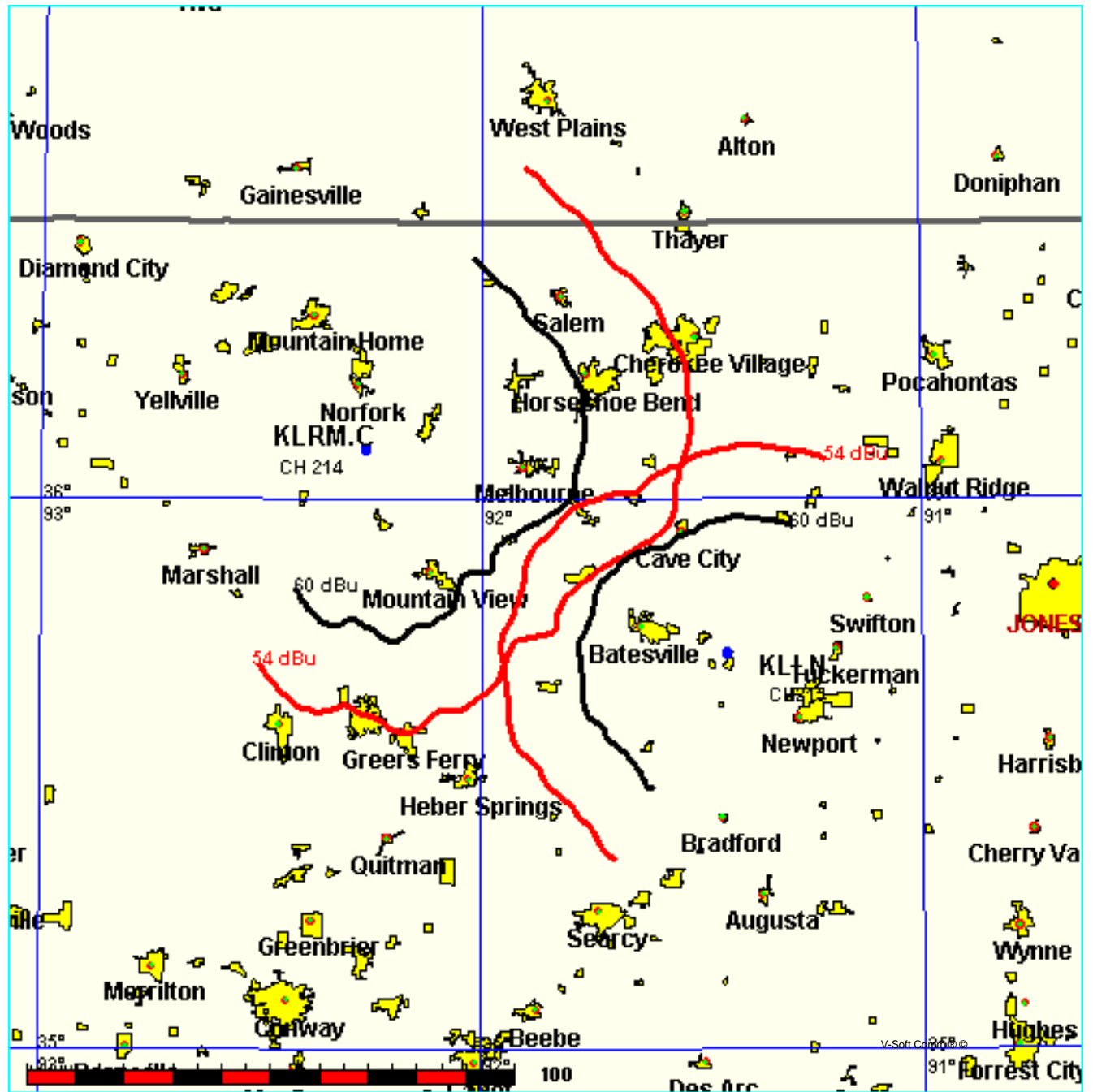
REFERENCE 36 05 31.0 N. 92 15 46.0 W.		CH# 214C3- 90.7 MHz, Pwr= 7 kW, HAAT= 188.1 M, COR= 421 M Average Protected F(50-50)= 39.1 km							DISPLAY DATES DATA 04-17-08 SEARCH 04-18-08	
CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
214C2 KLRM Melbourne		CP DVX AR	0.0 0.0	0.00 BMPED20070806ACM	36 05 31.0 92 15 46.0	8.200 177	110.5 410	44.4 Educational Media Foundati	-154.27*	-153.36*
06-2E KEMV Mountain View		LI HN AR	184.5 4.5	31.04 BLET19800903KE	35 48 47.0 92 17 24.0	100.000 424	753	121.3 Arkansas Educational Telev	140.3R	-109.2M
215C3 KLLN Newark		LIC CN AR	118.8 299.3	84.42 BLED19860116KD	35 43 25.0 91 26 40.0	4.000 139	44.5 236	29.1 Cedar Ridge School Distric	4.57	2.21
214C0 KEAF Fort Smith		CP DVX AR	231.5 50.7	164.22 BPED19971202MA	35 09 56.0 93 40 36.0	26.000 636	135.6 890	56.7 Family Stations, Inc.	2.39	26.87
215A KSMW West Plains		LIC V MO	27.9 208.1	82.79 BLED20011003AAB	36 45 00.0 91 49 40.0	0.350 118	22.9 437	15.2 Board Of Governors Of Miss	16.05	2.67
215A 1215778 Harrison		APP VX AR	280.7 100.3	73.80 BNPED20071022AUA	36 12 45.1 93 04 09.4	4.600 48	39.4 419	25.8 Kmzd Radio, Inc	5.13	3.46
213C2 KSMS-FM Point Lookout		LIC CN MO	300.6 120.1	103.62 BLED19971223KD	36 33 44.0 93 15 35.0	8.500 235	63.7 554	43.1 Board Of Governors Of Miss	5.93	9.09
212A NEW Marshall		CP CX AR	235.1 54.9	42.87 BNPED20071019AHT	35 52 16.0 92 39 10.0	0.057 206	0.5 570	14.0 Christian Broadcasting Gro	16.62	26.39
213C2 KAOG Jonesboro		LIC DC AR	103.1 283.9	134.53 BLED20000127AAM	35 48 36.0 90 48 45.0	40.000 121	71.3 200	47.0 American Family Associatio	19.97	23.54
215A 1203847 Harrison		APP CX AR	276.7 96.1	85.89 BNPED20071019AHJ	36 10 40.0 93 12 40.0	0.028 206	19.2 660	13.0 Christian Broadcasting Gro	37.90	29.06
214C1 KLMK Marvell		APP DCX AR	144.2 324.9	200.51 BPED20070907AEK	34 37 20.0 90 58 44.0	50.000 151	137.8 204	52.3 Educational Media Foundati	29.89	54.65
214C1 KLMK Marvell		LIC DCN AR	144.4 325.2	201.76 BLED19990511KD	34 36 29.0 90 58 47.0	50.000 151	137.8 204	52.3 Educational Media Foundati	30.97	55.69
214C3 KTTK Lebanon		LIC CN MO	345.8 165.5	176.56 BLED19970627KF	37 37 58.0 92 45 22.0	11.000 145	101.2 517	36.5 Lebanon Educational Broadc	31.52	31.02
214C1 WZKV Dyersburg		LIC EN TN	89.0 270.6	250.01 BLED19931013KA	36 06 00.0 89 29 12.0	100.000 171	159.9 259	62.2 Educational Media Foundati	45.71	77.69
215A NEW Gravel Ridge		CP DEX AR	171.9 352.0	121.71 BNPED20071018AQE	35 00 21.0 92 04 26.0	1.500 125	13.2 226	9.5 Calvary Chapel Of Jacksonv	69.09	54.02
213C2 KLRE-FM Little Rock		LIC CN AR	181.8 1.8	157.31 BLED19830801AH	34 40 29.0 92 19 04.0	40.000 75	61.9 170	38.8 Board Of Trustees Of The U	59.90	65.23
212A 990510MB Searcy		CP EX AR	145.7 326.1	96.54 BPED19990510MB	35 22 20.0 91 39 47.0	1.500 107	1.8 217	20.5 Harding University	61.01	72.77

Terrain database is NGDC 30 SEC Distance + R = FCC Required Spacings in KM, Distance + M = Margin in KM
ERP and HAAT on direct-line with reference station.
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.

Exhibit 16 - A

FMCommander Single Allocation Study
04-18-2008

KLRM.C	CH 214 C3	KLLN	CH 215 C3	BLED19860116KD
7.0 kW	421 M COR DA	4.0 kW,	236 M COR	
Prot. =	60 dBu	Prot. =	60 dBu	
Intef. =	54 dBu	Intef. =	54 dBu	



KLRM vs. KLLN

04-18-2008 NGDC 30 SEC Terrain Data FMOver Analysis

KLRM. C
Channel = 214C3
Max ERP = 7 kW
RCAMSL = 421 M
N. Lat. 36 05 31.0
W. Lng. 92 15 46.0
Protected
60 dBu

KLLN BLED19860116KD
Channel = 215C3
Max ERP = 4 kW
RCAMSL = 236 M
N. Lat. 35 43 25.0
W. Lng. 91 26 40.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
103.0	007.0000	0244.9	043.3	314.7	004.0000	0114.9	044.5	53.03
104.0	007.0000	0240.9	043.0	313.7	004.0000	0116.4	044.3	53.18
105.0	007.0000	0235.0	042.6	312.6	004.0000	0117.9	044.3	53.27
106.0	007.0000	0228.1	042.1	311.4	004.0000	0119.1	044.4	53.31
107.0	007.0000	0220.9	041.6	310.3	004.0000	0120.0	044.6	53.30
108.0	007.0000	0212.8	041.1	309.2	004.0000	0120.5	044.8	53.21
109.0	007.0000	0204.5	040.4	308.1	004.0000	0120.7	045.2	53.09

04-18-2008 NGDC 30 SEC Terrain Data

KLLN BLED19860116KD
Channel = 215C3
Max ERP = 4 kW
RCAMSL = 236 M
N. Lat. 35 43 25.0
W. Lng. 91 26 40.0
Protected
60 dBu

KLRM. C
Channel = 214C3
Max ERP = 7 kW
RCAMSL = 421 M
N. Lat. 36 05 31.0
W. Lng. 92 15 46.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
297.0	004.0000	0134.6	029.4	120.0	007.0000	0146.5	055.0	53.05
298.0	004.0000	0133.8	029.3	119.4	007.0000	0148.3	055.1	53.12
299.0	004.0000	0132.6	029.2	118.9	007.0000	0150.2	055.2	53.18
300.0	004.0000	0130.7	029.0	118.4	007.0000	0151.7	055.4	53.19
301.0	004.0000	0128.4	028.8	117.9	007.0000	0153.0	055.6	53.17
302.0	004.0000	0126.1	028.6	117.4	007.0000	0154.2	055.9	53.14
303.0	004.0000	0124.0	028.4	116.9	007.0000	0155.4	056.1	53.11
304.0	004.0000	0122.6	028.3	116.4	007.0000	0157.0	056.3	53.12
305.0	004.0000	0121.6	028.2	115.9	007.0000	0159.0	056.4	53.17
306.0	004.0000	0121.0	028.1	115.4	007.0000	0161.5	056.6	53.24
307.0	004.0000	0120.8	028.1	114.9	007.0000	0164.3	056.7	53.34
308.0	004.0000	0120.7	028.1	114.5	007.0000	0167.4	056.8	53.46
309.0	004.0000	0120.6	028.1	114.0	007.0000	0170.7	056.9	53.56
310.0	004.0000	0120.2	028.0	113.5	007.0000	0174.1	057.1	53.66
311.0	004.0000	0119.5	028.0	113.1	007.0000	0177.3	057.3	53.73
312.0	004.0000	0118.5	027.9	112.6	007.0000	0180.1	057.5	53.77

Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

Exhibit 16-A1
Melbourne, AR

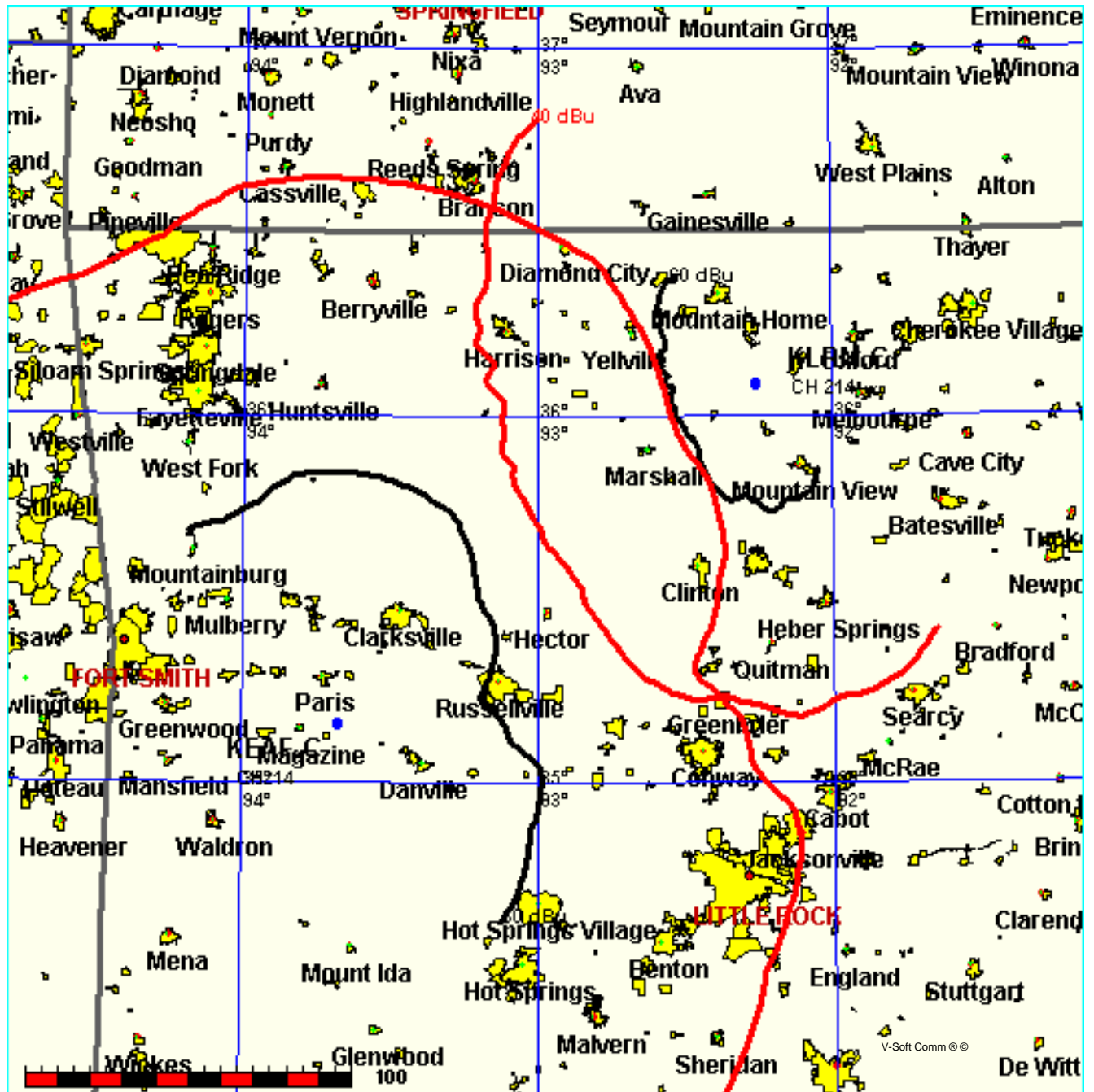
313.0	004.0000	0117.3	027.8	112.2	007.0000	0182.7	057.8	53.79
314.0	004.0000	0115.9	027.6	111.8	007.0000	0185.1	058.1	53.78
315.0	004.0000	0114.4	027.5	111.4	007.0000	0187.4	058.4	53.76
316.0	004.0000	0112.8	027.3	111.1	007.0000	0189.7	058.8	53.73
317.0	004.0000	0110.9	027.1	110.7	007.0000	0191.9	059.2	53.68
318.0	004.0000	0108.7	026.9	110.4	007.0000	0193.9	059.6	53.61
319.0	004.0000	0106.5	026.6	110.2	007.0000	0195.9	060.0	53.53
320.0	004.0000	0104.9	026.4	109.9	007.0000	0198.0	060.4	53.48
321.0	004.0000	0103.8	026.3	109.5	007.0000	0200.3	060.8	53.45
322.0	004.0000	0102.8	026.2	109.2	007.0000	0202.7	061.1	53.43
323.0	004.0000	0101.3	026.0	109.0	007.0000	0204.8	061.5	53.37
324.0	004.0000	0099.4	025.8	108.7	007.0000	0206.6	062.0	53.29
325.0	004.0000	0097.5	025.5	108.5	007.0000	0208.3	062.4	53.19
326.0	004.0000	0095.5	025.3	108.3	007.0000	0209.9	062.9	53.09

Exhibit 16 - B

FMCommander Single Allocation Study
04-18-2008

KLRM.C CH 214 C3
7.0 kW 421 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

KEAF-C CH 214 C0 BPED19971202MA
26.0 kW, 890 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu



KLRM vs. KEAF

04-18-2008 NGDC 30 SEC Terrain Data FMOver Analysis

KLRM. C
Channel = 214C3
Max ERP = 7 kW
RCAMSL = 421 M
N. Lat. 36 05 31.0
W. Lng. 92 15 46.0
Protected
60 dBu

KEAF. C BPED19971202MA
Channel = 214C0
Max ERP = 26 kW
RCAMSL = 890 M
N. Lat. 35 09 56.0
W. Lng. 93 40 36.0
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)
172.0	007.0000	0191.0	039.4	064.0	004.3759	0503.8	148.3	35.73
173.0	007.0000	0188.2	039.2	063.8	004.4010	0503.8	147.7	35.89
174.0	007.0000	0184.3	038.8	063.6	004.4325	0503.7	147.1	36.05
175.0	007.0000	0179.9	038.5	063.4	004.4672	0503.6	146.6	36.21
176.0	007.0000	0173.6	037.9	063.1	004.5154	0503.5	146.2	36.35
177.0	007.0000	0165.6	037.1	062.7	004.5766	0503.4	145.9	36.48
178.0	007.0000	0160.6	036.5	062.4	004.6234	0503.2	145.6	36.61
179.0	007.0000	0157.7	036.2	062.2	004.6589	0503.2	145.1	36.75
180.0	007.0000	0155.9	036.0	062.0	004.6876	0503.2	144.7	36.89
181.0	007.0000	0154.1	035.8	061.8	004.7172	0503.2	144.2	37.03
182.0	007.0000	0151.3	035.5	061.6	004.7546	0503.3	143.8	37.16
183.0	007.0000	0147.2	035.0	061.3	004.8005	0503.4	143.5	37.28
184.0	007.0000	0143.1	034.5	061.0	004.8465	0503.5	143.3	37.39
185.0	007.0000	0142.6	034.5	060.9	004.8709	0503.6	142.8	37.54
186.0	007.0000	0144.8	034.7	060.8	004.8791	0503.6	142.1	37.70
187.0	007.0000	0147.9	035.1	060.8	004.8827	0503.6	141.4	37.89
188.0	007.0000	0151.8	035.5	060.8	004.8820	0503.6	140.7	38.08
189.0	007.0000	0155.7	036.0	060.8	004.8836	0503.6	139.9	38.28
190.0	007.0000	0159.1	036.4	060.7	004.8891	0503.6	139.2	38.47
191.0	007.0000	0159.8	036.4	060.6	004.9122	0503.7	138.7	38.63
192.0	007.0000	0158.7	036.3	060.4	004.9460	0503.8	138.2	38.77
193.0	007.0000	0157.5	036.2	060.2	004.9809	0503.9	137.9	38.90
194.0	007.0000	0157.4	036.2	060.0	005.0106	0503.9	137.4	39.04
195.0	007.0000	0157.1	036.1	059.8	005.0459	0504.0	137.0	39.19
196.0	007.0000	0154.5	035.8	059.5	005.0963	0504.1	136.7	39.29
197.0	007.0000	0150.1	035.3	059.2	005.1580	0504.1	136.7	39.36
198.0	007.0000	0146.5	034.9	058.9	005.2152	0504.1	136.6	39.44
199.0	007.0000	0145.3	034.8	058.7	005.2580	0504.0	136.3	39.55
200.0	007.0000	0143.9	034.6	058.4	005.3031	0503.9	136.0	39.65
201.0	006.7971	0141.7	034.1	058.1	005.3647	0503.6	136.0	39.69
202.0	006.5972	0140.1	033.7	057.8	005.4226	0503.2	136.0	39.73
203.0	006.4002	0139.8	033.4	057.5	005.4741	0502.6	135.9	39.79
204.0	006.2063	0139.5	033.2	057.2	005.5257	0501.9	135.8	39.84
205.0	006.0153	0138.2	032.8	057.0	005.5823	0501.0	135.8	39.85
206.0	005.8273	0136.6	032.3	056.7	005.6409	0499.8	135.9	39.85
207.0	005.6423	0135.3	031.9	056.4	005.6971	0498.4	135.9	39.84
208.0	005.4603	0134.2	031.5	056.1	005.7518	0497.0	136.0	39.83
209.0	005.2813	0132.8	031.1	055.8	005.8076	0495.4	136.1	39.81
210.0	005.1052	0130.7	030.7	055.5	005.8651	0493.7	136.2	39.76
211.0	005.0207	0128.4	030.3	055.2	005.9179	0492.0	136.3	39.73
212.0	004.9368	0126.1	030.0	055.0	005.9700	0490.4	136.4	39.70
213.0	004.8537	0124.3	029.7	054.7	006.0199	0488.7	136.5	39.67

214.0	004.7713	0122.8	029.4	054.5	006.0685	0487.1	136.5	39.65
215.0	004.6896	0121.2	029.2	054.2	006.1168	0485.5	136.6	39.63
216.0	004.6086	0119.5	028.9	054.0	006.1654	0484.0	136.7	39.59
217.0	004.5283	0117.2	028.5	053.8	006.2148	0482.5	136.9	39.54
218.0	004.4487	0113.8	028.1	053.5	006.2669	0481.1	137.2	39.46
219.0	004.3698	0109.4	027.5	053.2	006.3205	0479.7	137.6	39.35
220.0	004.2916	0105.2	026.9	053.0	006.3725	0478.6	138.1	39.24
221.0	004.2566	0102.2	026.5	052.8	006.4192	0477.6	138.4	39.17
222.0	004.2218	0100.8	026.2	052.6	006.4618	0476.8	138.5	39.14
223.0	004.1870	0100.2	026.1	052.4	006.5023	0476.0	138.5	39.14
224.0	004.1525	0099.8	026.0	052.2	006.5423	0475.4	138.5	39.15
225.0	004.1180	0099.2	025.9	052.0	006.5826	0474.8	138.6	39.14
226.0	004.0837	0098.6	025.8	051.8	006.6227	0474.2	138.7	39.14
227.0	004.0496	0098.6	025.7	051.6	006.6621	0473.7	138.7	39.15
228.0	004.0156	0099.2	025.8	051.4	006.7009	0473.3	138.6	39.18
229.0	003.9817	0100.3	025.8	051.2	006.7398	0472.9	138.5	39.22
230.0	003.9480	0101.8	026.0	051.0	006.7788	0472.6	138.3	39.28
231.0	003.9040	0103.6	026.1	050.9	006.8186	0472.3	138.2	39.33
232.0	003.8602	0105.1	026.2	050.7	006.8590	0472.0	138.1	39.38
233.0	003.8166	0105.5	026.2	050.5	006.8996	0471.9	138.1	39.39
234.0	003.7733	0104.5	026.0	050.3	006.9395	0471.7	138.3	39.36
235.0	003.7303	0102.6	025.7	050.1	006.9782	0471.6	138.6	39.30
236.0	003.6875	0101.4	025.5	049.9	007.0248	0471.6	138.9	39.27
237.0	003.6449	0101.6	025.5	049.8	007.0891	0471.6	138.9	39.29
238.0	003.6026	0103.1	025.6	049.6	007.1561	0471.6	138.9	39.34
239.0	003.5606	0105.0	025.8	049.4	007.2246	0471.6	138.8	39.40
240.0	003.5188	0106.2	025.8	049.2	007.2922	0471.8	138.8	39.45
241.0	003.4693	0106.5	025.8	049.0	007.3570	0471.9	139.0	39.46
242.0	003.4202	0106.6	025.7	048.8	007.4205	0472.1	139.1	39.46
243.0	003.3715	0108.0	025.8	048.7	007.4886	0472.3	139.2	39.49
244.0	003.3230	0110.7	026.0	048.4	007.5622	0472.6	139.1	39.57
245.0	003.2750	0113.7	026.2	048.2	007.6375	0472.9	139.0	39.64
246.0	003.2273	0116.4	026.4	048.0	007.7124	0473.3	138.9	39.71
247.0	003.1799	0118.6	026.5	047.8	007.7851	0473.8	139.0	39.75
248.0	003.1329	0118.3	026.4	047.7	007.8469	0474.3	139.2	39.74
249.0	003.0863	0116.7	026.1	047.5	007.9006	0474.8	139.6	39.68
250.0	003.0400	0113.7	025.8	047.4	007.9447	0475.2	140.1	39.59
251.0	003.0059	0112.8	025.6	047.3	007.9999	0475.7	140.4	39.56
252.0	002.9721	0116.3	025.9	047.1	008.0802	0476.6	140.4	39.64
253.0	002.9384	0123.2	026.4	046.8	008.1800	0477.8	140.1	39.80
254.0	002.9050	0128.7	026.8	046.6	008.2734	0479.1	139.9	39.93
255.0	002.8717	0130.0	026.9	046.4	008.3421	0480.1	140.1	39.94
256.0	002.8386	0127.2	026.6	046.3	008.3837	0480.7	140.6	39.86
257.0	002.8057	0124.0	026.2	046.2	008.4206	0481.2	141.1	39.76
258.0	002.7730	0120.8	025.9	046.1	008.4558	0481.7	141.6	39.67
259.0	002.7405	0121.0	025.8	045.9	008.5116	0482.6	141.9	39.65
260.0	002.7082	0122.0	025.9	045.8	008.5729	0483.6	142.1	39.65
261.0	002.7326	0120.9	025.8	045.6	008.6287	0484.5	142.4	39.63
262.0	002.7572	0119.9	025.8	045.5	008.6835	0485.4	142.7	39.61
263.0	002.7818	0114.6	025.3	045.5	008.6998	0485.7	143.3	39.48
264.0	002.8066	0111.7	025.1	045.4	008.7333	0486.2	143.8	39.40
265.0	002.8315	0110.8	025.1	045.3	008.7831	0486.9	144.1	39.37
266.0	002.8565	0112.3	025.3	045.1	008.8569	0488.1	144.2	39.41
267.0	002.8816	0119.9	026.0	044.7	008.9890	0490.0	143.9	39.59
268.0	002.9068	0127.1	026.7	044.4	009.1149	0491.7	143.7	39.73
269.0	002.9321	0134.3	027.4	044.1	009.2440	0493.3	143.6	39.87
270.0	002.9575	0139.9	027.9	043.8	009.3610	0494.7	143.5	39.97
271.0	003.0418	0132.9	027.5	043.8	009.3650	0494.7	144.2	39.81
272.0	003.1273	0125.8	027.0	043.8	009.3658	0494.7	144.8	39.66
273.0	003.2140	0118.8	026.6	043.8	009.3628	0494.7	145.5	39.50
274.0	003.3019	0114.6	026.3	043.8	009.3823	0494.9	146.0	39.39
275.0	003.3909	0120.7	027.1	043.4	009.5210	0496.5	145.9	39.52
276.0	003.4811	0129.7	028.0	043.0	009.6912	0498.5	145.6	39.70

Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

Exhibit 16-B1
Melbourne, AR

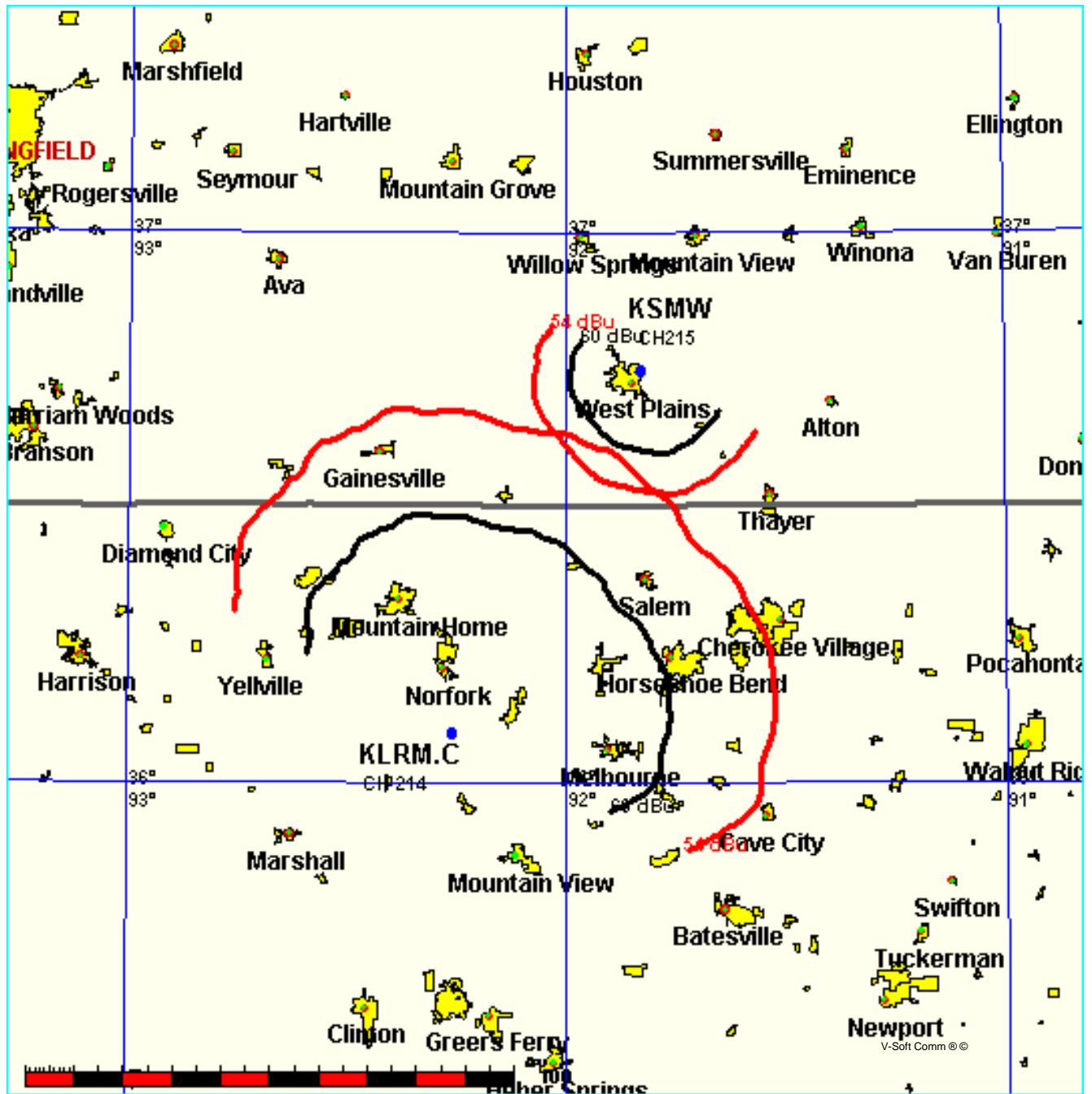
277.0	003.5726	0140.4	029.2	042.5	009.8899	0501.0	145.4	39.91
278.0	003.6652	0144.9	029.8	042.2	010.0186	0502.7	145.4	39.99
279.0	003.7590	0141.8	029.6	042.2	010.0516	0503.2	145.9	39.89
280.0	003.8539	0136.8	029.3	042.1	010.0572	0503.3	146.5	39.75
281.0	004.0145	0133.0	029.2	042.1	010.0901	0503.7	147.0	39.66
282.0	004.1784	0133.8	029.6	041.8	010.1835	0505.1	147.3	39.67
283.0	004.3455	0136.8	030.1	041.6	010.3067	0507.0	147.4	39.72
284.0	004.5159	0138.0	030.5	041.3	010.4069	0508.6	147.7	39.73
285.0	004.6896	0135.3	030.5	041.2	010.4475	0509.3	148.2	39.64
286.0	004.8666	0130.6	030.3	041.2	010.4558	0509.4	148.8	39.51
287.0	005.0468	0124.1	029.9	041.3	010.4346	0509.1	149.4	39.34
288.0	005.2303	0117.6	029.5	041.3	010.4075	0508.6	150.0	39.17
289.0	005.4171	0112.9	029.2	041.3	010.4005	0508.5	150.6	39.03
290.0	005.6072	0110.2	029.1	041.3	010.4181	0508.8	151.1	38.92
291.0	005.7395	0109.4	029.2	041.2	010.4582	0509.4	151.6	38.85
292.0	005.8734	0110.6	029.5	041.0	010.5323	0510.6	151.9	38.81
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Exhibit 16 - C

FMCommander Single Allocation Study
04-18-2008

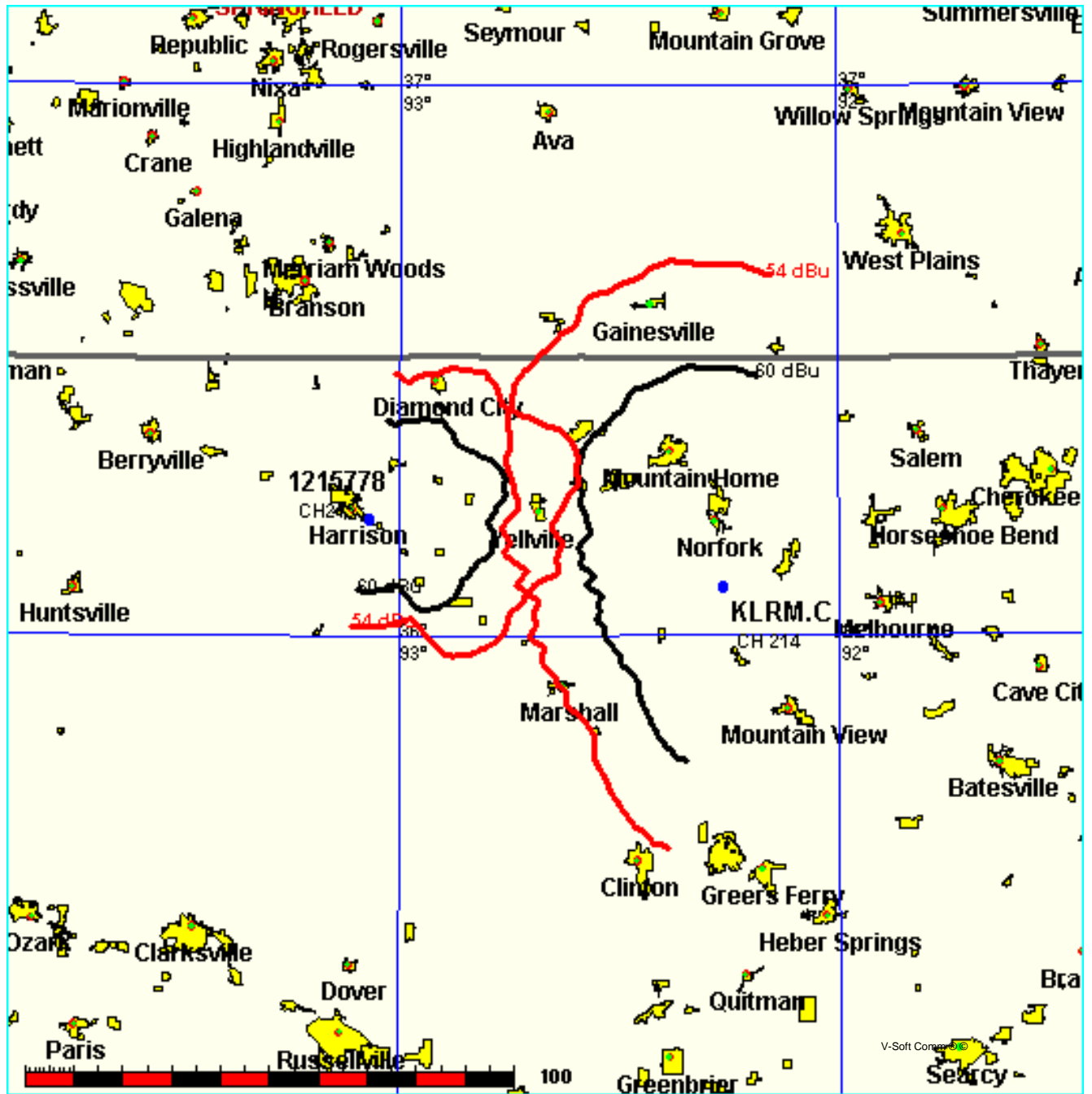
KLRM.C CH 214 C3
7.0 kW 421 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

KSMW CH 215 A BLED20011003AAB
0.35 kW, 437 M COR
Prot. = 60 dBu
Intef. = 54 dBu



FMCommander Single Allocation Study
04-18-2008

KLRM.C	CH 214 C3	1215778	CH 215 A	BNPED20071022AUA
7.0 kW	421 M COR DA	4.6 kW,	419 M COR	
Prot. =	60 dBu	Prot. =	60 dBu	
Intef. =	54 dBu	Intef. =	54 dBu	



KLRM vs. 1215778

04-18-2008 NGDC 30 SEC Terrain Data FMOver Analysis

KLRM. C
Channel = 214C3
Max ERP = 7 kW
RCAMSL = 421 M
N. Lat. 36 05 31.0
W. Lng. 92 15 46.0
Protected
60 dBu

1215778 BNPED20071022AUA
Channel = 215A
Max ERP = 4.6 kW
RCAMSL = 419 M
N. Lat. 36 12 45.1
W. Lng. 93 04 09.4
Interfering
54 dBu

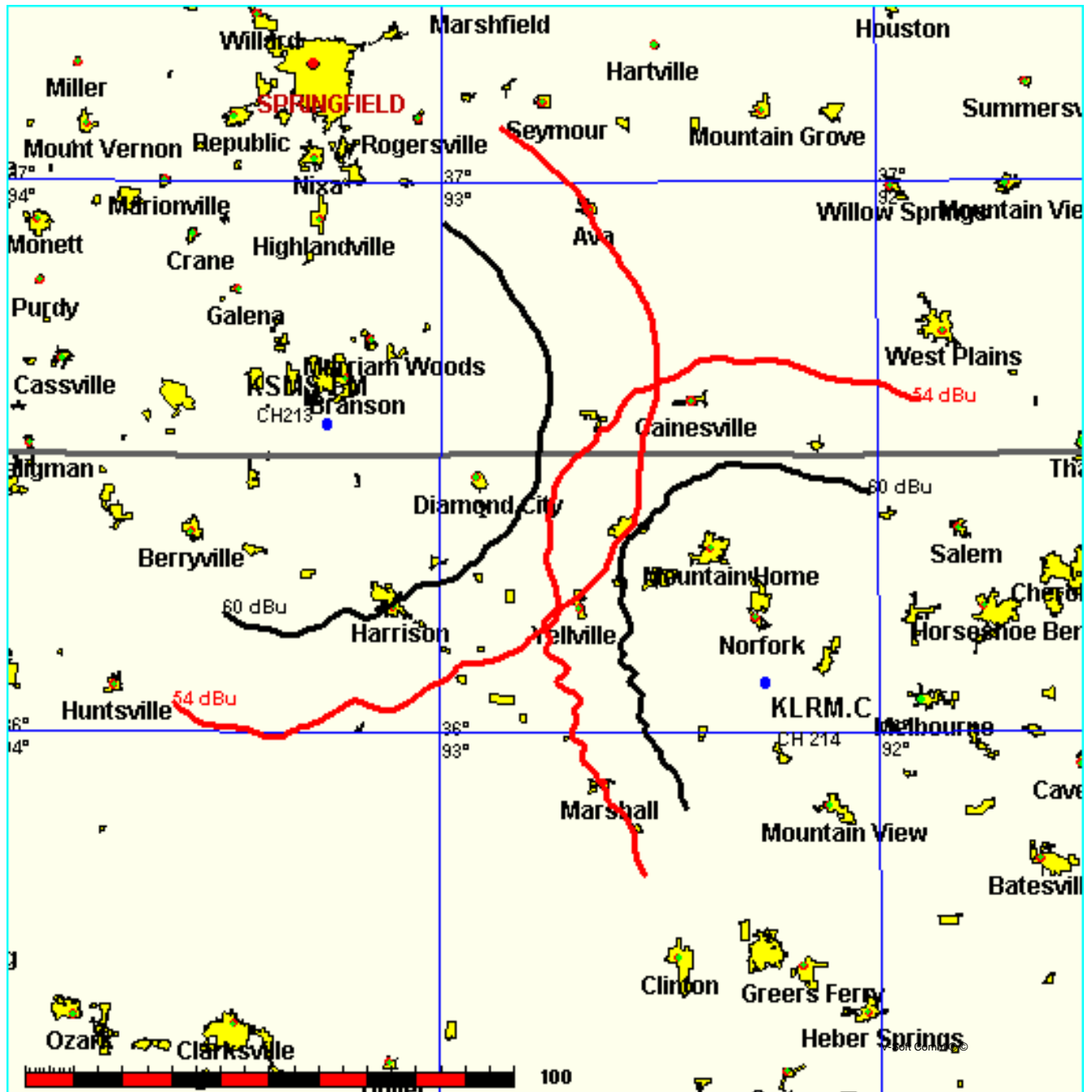
Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)
302.0	007.0000	0140.0	034.2	083.6	004.6000	0102.9	043.8	53.06
303.0	007.0000	0143.1	034.5	082.7	004.6000	0107.1	043.9	53.34
304.0	007.0000	0147.9	035.1	081.6	004.6000	0111.7	043.9	53.67
305.0	007.0000	0153.7	035.8	080.4	004.6000	0115.0	043.8	53.92
306.0	007.0000	0160.1	036.5	079.2	004.6000	0115.3	043.7	53.96
307.0	007.0000	0166.0	037.1	078.0	004.6000	0114.7	043.8	53.90
308.0	007.0000	0170.6	037.6	077.0	004.6000	0115.0	044.0	53.85
309.0	007.0000	0174.4	038.0	076.1	004.6000	0116.7	044.2	53.84
310.0	007.0000	0178.2	038.3	075.2	004.6000	0119.0	044.6	53.85
311.0	007.0000	0182.6	038.7	074.3	004.6000	0120.8	044.9	53.81
312.0	007.0000	0187.7	039.1	073.4	004.6000	0121.3	045.3	53.70
313.0	007.0000	0192.6	039.5	072.5	004.6000	0121.1	045.6	53.53
314.0	007.0000	0196.4	039.8	071.7	004.6000	0120.7	046.1	53.32
315.0	007.0000	0198.3	040.0	071.2	004.6000	0120.4	046.6	53.09

Exhibit 16 - E

FMCommander Single Allocation Study
04-18-2008

KLRM.C CH 214 C3
7.0 kW 421 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

KSMS-FM CH 213 C2 BLED19971223KD
8.5 kW, 554 M COR
Prot. = 60 dBu
Intef. = 54 dBu



KLRM vs. KSMS-FM

04-18-2008 NGDC 30 SEC Terrain Data FMOver Analysis

KLRM. C
Channel = 214C3
Max ERP = 7 kW
RCAMSL = 421 M
N. Lat. 36 05 31.0
W. Lng. 92 15 46.0
Protected
60 dBu

KSMS-FM BLED19971223KD
Channel = 213C2
Max ERP = 8.5 kW
RCAMSL = 554 M
N. Lat. 36 33 44.0
W. Lng. 93 15 35.0
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)
307.0	007.0000	0166.0	037.1	116.4	008.5000	0222.4	066.8	53.07
308.0	007.0000	0170.6	037.6	115.8	008.5000	0221.7	066.5	53.16
309.0	007.0000	0174.4	038.0	115.2	008.5000	0221.0	066.2	53.21
310.0	007.0000	0178.2	038.3	114.5	008.5000	0220.2	066.1	53.24
311.0	007.0000	0182.6	038.7	113.9	008.5000	0219.6	065.9	53.28
312.0	007.0000	0187.7	039.1	113.2	008.5000	0219.7	065.7	53.35
313.0	007.0000	0192.6	039.5	112.5	008.5000	0220.9	065.5	53.44
314.0	007.0000	0196.4	039.8	111.9	008.5000	0223.3	065.5	53.55
315.0	007.0000	0198.3	040.0	111.3	008.5000	0226.4	065.6	53.62
316.0	007.0000	0198.7	040.0	110.7	008.5000	0229.7	065.9	53.66
317.0	007.0000	0198.8	040.0	110.1	008.5000	0232.7	066.2	53.67
318.0	007.0000	0199.2	040.0	109.6	008.5000	0235.5	066.5	53.67
319.0	007.0000	0200.1	040.1	109.0	008.5000	0237.5	066.8	53.65
320.0	007.0000	0201.0	040.2	108.5	008.5000	0238.8	067.0	53.59
321.0	007.0000	0201.7	040.2	108.0	008.5000	0239.4	067.4	53.50
322.0	007.0000	0202.1	040.2	107.4	008.5000	0239.5	067.7	53.38
323.0	007.0000	0201.8	040.2	107.0	008.5000	0239.3	068.2	53.23
324.0	007.0000	0202.5	040.3	106.5	008.5000	0239.1	068.5	53.10
325.0	007.0000	0206.0	040.5	105.9	008.5000	0239.2	068.8	53.02