

Channel Study

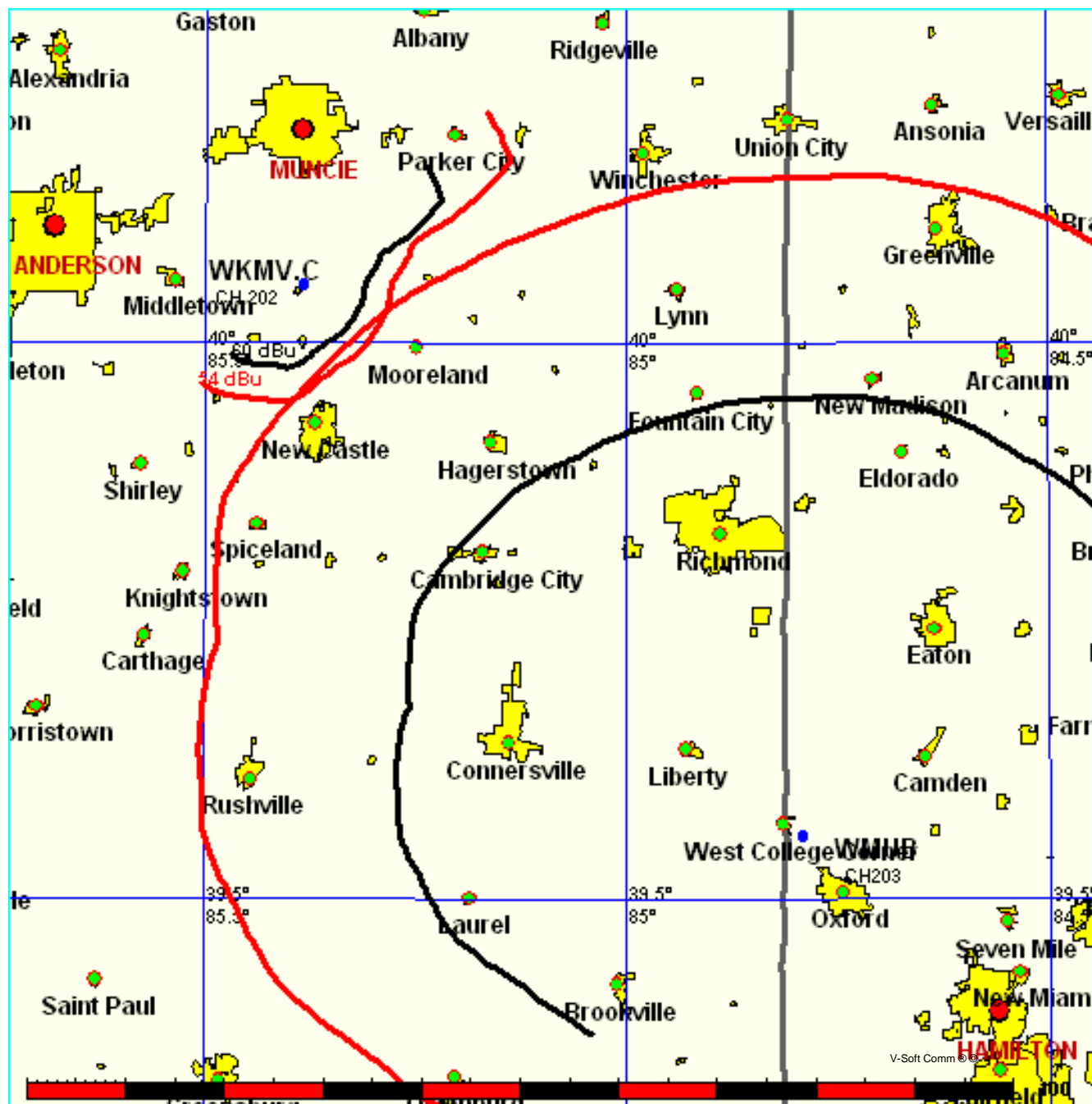
REFERENCE		CH# 202A - 88.3 MHz, Pwr= 0.7 kW, HAAT=101.1M, COR= 414.1 M						DISPLAY DATES		
40 03 18.0 N.		Average Protected F(50-50)= 17.0 km						DATA 07-28-07		
85 23 05.0 W.								SEARCH 07-30-07		
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
202A Muncie	WKMV	CP IN	312.8 132.8	10.51 BMPED20061004ABW	40 07 09.0 85 28 31.0	0.400 60	39.3 376	11.4 Educational Media Foundati	-46.53*	-57.99*
06Z1C Indianapolis	WRTV	LI IN	256.3 75.7	71.85 BMLCT20050414ABE	39 53 56.5 86 12 03.7	100.000 279	534	103.2 Mcgraw-hill Broadcasting C	124.2R	-52.3M
203B Oxford	WMUB	LIC OH	137.4 317.8	74.98 BLED19940407KB	39 33 26.0 84 47 35.0	24.500 144	67.4 449	45.0 The President & Trustees O	1.25	20.96
202B New Whiteland	WWDN	CP IN	222.4 41.9	97.20 BMPED20061206ADG	39 24 27.0 86 08 52.0	3.069 156	85.1 390	29.6 Horizon Christian Fellowsh	1.96	33.55
201A Morristown	WJCF	LIC IN	203.3 23.2	36.84 BLED20000728AEF	39 45 01.0 85 33 19.0	2.700 43	22.9 334	15.4 Indiana Community Radio Co	4.90	8.87
202B1 Fort Wayne	WLAB	LIC IN	7.9 188.0	117.59 BLED20050204AAC	41 06 13.0 85 11 28.0	3.200 197	91.1 431	33.5 Indiana District Of The Lu	7.94	24.91
201A Hartford City	WHCI	LIC IN	1.3 181.3	47.79 BLED20000210ABU	40 29 07.0 85 22 18.0	0.100 11	8.0 288	5.6 Blackford County School Co	21.16	14.67
203B1 Marion	AP0703	APP IN	344.7 164.6	58.73 BNPED19991001AAE	40 33 54.0 85 34 05.0	0.180 80	15.1 344	10.7 Pensacola Christian Colleg	24.99	20.57
202A Versailles	AP2169	APP OH	75.1 255.7	79.39 BNPED20000218AAM	40 14 06.0 84 28 59.0	0.650 67	47.2 372	13.4 Pensacola Christian Colleg	24.27	39.59
204B Indianapolis	WICR	LIC IN	256.3 75.8	71.80 BLED20010813AAA	39 53 58.0 86 12 02.0	5.000 296	3.8 534	43.7 University Of Indianapolis	56.34	27.30
205A Union City	WJYW	LIC IN	72.8 253.1	52.16 BLED19970218KA	40 11 32.0 84 47 58.0	4.100 72	2.2 414	22.3 Positive Alternative Radio	41.81	29.36
204A Nottingham	AP3245	APP IN	21.6 201.7	63.48 BNPED19991122ABC	40 35 10.0 85 06 30.0	0.400 59	1.4 317	11.3 Great Lakes Community Broa	44.09	50.52
201A Center Tpownship	AP5962	APP IN	308.4 127.9	79.94 BNPED20000324ABF	40 29 55.0 86 07 30.0	0.100 39	9.1 290	6.4 Great Lakes Community Broa	53.73	48.21
202A Rossville	AP4808	APP IN	292.2 111.4	112.39 BNPED20000331AAG	40 25 45.0 86 36 43.0	0.474 59	40.7 299	11.7 Pensacola Christian Colleg	56.81	50.40
201A Spencerville	WBCJ	LIC OH	49.0 229.6	111.98 BLED19970912KE	40 42 41.0 84 23 01.0	2.600 147	41.9 396	27.7 Taylor University Broadcas	53.05	59.10
202A Cincinnati	WAIF	LIC OH	143.0 323.5	128.83 BMLLED19920206KF	39 07 36.0 84 29 06.0	1.600 90	64.5 321	19.8 The Real Stepchild Radio O	58.01	87.95
201A Dayton	WDPR	APP OH	110.6 291.3	103.90 BPED20070330BGF	39 43 16.0 84 15 00.0	0.600 224	36.3 503	24.2 Dayton Public Radio, Inc.	61.28	70.86
201A West Carrollton	WDPR	LIC OH	110.6 291.3	103.90 BLED20050224ABR	39 43 16.0 84 15 00.0	0.600 224	36.3 503	24.2 Dayton Public Radio, Inc.	61.28	70.86
201B1 Danville	WDVL	CP IN	257.0 76.1	124.47 BPED19990311MF	39 47 44.0 86 48 04.0	8.118 114	49.7 382	32.3 Horizon Christian Fellowsh	63.12	75.06
205A Miamitown	WMWX	LIC OH	155.8 336.1	89.23 BLED20060818AAA	39 19 18.0 84 57 33.0	1.784 147	2.2 381	25.5 Spryex Communications, Inc	80.64	63.41

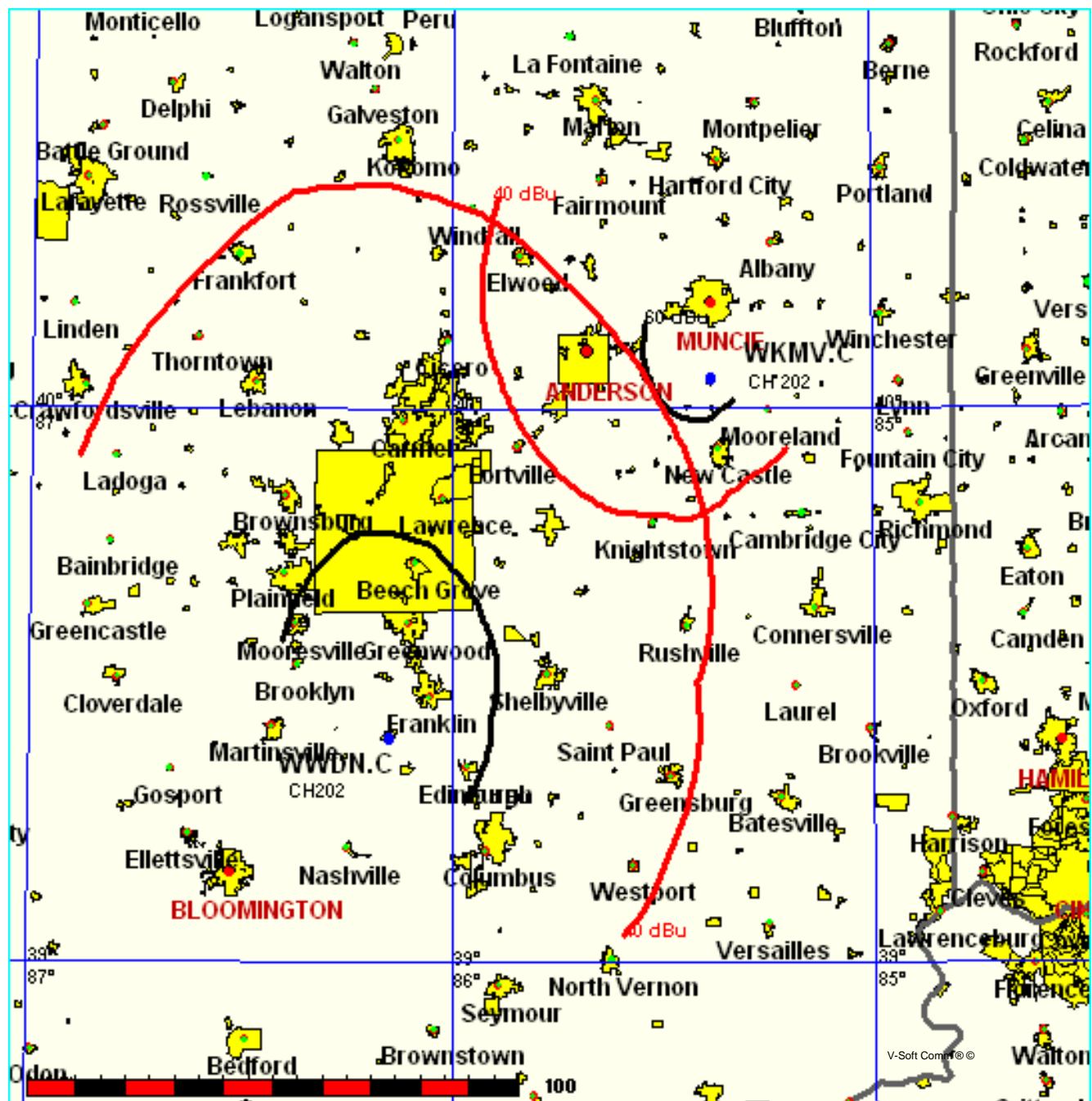
Terrain database is NGDC 30 SEC

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.





WKMV vs. WWDN

07-30-2007

30 Arc-Sec. Terrain Data

FMOver Analysis

WKMV-C
Channel = 202A
Max ERP = 0.7 kW
RCAMSL = 414.1 M
N. Lat. 40 03 18.0
W. Lng. 85 23 05.0
Protected
60 dBu

WWDN-C BMPED20061206ADG
Channel = 202B
Max ERP = 16.75 kW
RCAMSL = 390 M
N. Lat. 39 24 27.0
W. Lng. 86 08 52.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
212.0	000.0864	0092.3	009.6	043.1	002.9352	0156.9	087.8	39.04
213.0	000.0880	0093.0	009.7	043.0	002.9465	0156.9	087.7	39.08
214.0	000.0896	0093.4	009.7	042.9	002.9581	0156.9	087.6	39.13
215.0	000.0912	0093.8	009.8	042.8	002.9700	0156.9	087.5	39.17
216.0	000.0928	0094.1	009.8	042.7	002.9823	0156.9	087.4	39.21
217.0	000.0945	0094.4	009.9	042.6	002.9948	0156.9	087.4	39.26
218.0	000.0961	0094.6	009.9	042.5	003.0075	0156.1	087.3	39.26
219.0	000.0978	0094.7	010.0	042.4	003.0204	0156.1	087.2	39.30
220.0	000.0995	0094.7	010.0	042.2	003.0336	0156.1	087.2	39.33
221.0	000.1007	0094.7	010.1	042.1	003.0469	0156.1	087.2	39.36
222.0	000.1019	0094.6	010.1	042.0	003.0604	0156.1	087.1	39.39
223.0	000.1032	0094.6	010.1	041.9	003.0740	0156.1	087.1	39.42
224.0	000.1044	0094.7	010.2	041.8	003.0877	0156.1	087.1	39.45
225.0	000.1057	0094.8	010.2	041.7	003.1016	0156.1	087.0	39.48
226.0	000.1069	0095.0	010.2	041.6	003.1156	0156.1	087.0	39.50
227.0	000.1082	0095.1	010.3	041.4	003.1297	0155.6	087.0	39.51
228.0	000.1094	0095.2	010.3	041.3	003.1439	0155.6	087.0	39.53
229.0	000.1107	0095.4	010.3	041.2	003.1582	0155.6	087.0	39.56
230.0	000.1120	0095.5	010.4	041.1	003.1727	0155.6	086.9	39.58
231.0	000.1137	0095.7	010.4	040.9	003.1874	0155.6	086.9	39.60
232.0	000.1154	0095.9	010.5	040.8	003.2021	0155.6	086.9	39.63
233.0	000.1171	0096.1	010.5	040.7	003.2170	0155.6	086.9	39.65
234.0	000.1188	0096.3	010.6	040.6	003.2321	0155.6	086.9	39.68
235.0	000.1206	0096.5	010.6	040.5	003.2473	0155.3	086.9	39.68
236.0	000.1223	0096.7	010.7	040.3	003.2626	0155.3	086.9	39.70
237.0	000.1241	0096.8	010.7	040.2	003.2778	0155.3	086.9	39.72
238.0	000.1258	0096.9	010.7	040.1	003.2931	0155.3	086.9	39.74
239.0	000.1276	0097.0	010.8	039.9	003.3106	0155.3	086.9	39.76
240.0	000.1294	0097.1	010.8	039.8	003.3311	0155.3	087.0	39.78
241.0	000.1302	0097.2	010.9	039.7	003.3510	0155.3	087.0	39.79
242.0	000.1310	0097.6	010.9	039.6	003.3712	0155.3	087.0	39.80
243.0	000.1318	0098.1	010.9	039.4	003.3920	0155.1	087.1	39.81
244.0	000.1326	0098.8	011.0	039.3	003.4131	0155.1	087.1	39.83
245.0	000.1334	0099.4	011.0	039.2	003.4342	0155.1	087.1	39.85
246.0	000.1342	0100.0	011.1	039.1	003.4552	0155.1	087.2	39.86
247.0	000.1350	0100.6	011.1	038.9	003.4763	0155.1	087.2	39.87
248.0	000.1358	0101.2	011.2	038.8	003.4977	0155.1	087.3	39.89
249.0	000.1366	0101.8	011.2	038.7	003.5187	0155.1	087.3	39.90
250.0	000.1374	0102.3	011.3	038.6	003.5396	0155.1	087.4	39.90
251.0	000.1388	0102.8	011.3	038.4	003.5613	0155.1	087.5	39.91
252.0	000.1402	0103.4	011.4	038.3	003.5830	0155.1	087.5	39.92
253.0	000.1417	0103.9	011.4	038.2	003.6046	0155.1	087.6	39.93
254.0	000.1431	0104.6	011.5	038.0	003.6267	0155.1	087.6	39.93
255.0	000.1446	0105.3	011.6	037.9	003.6490	0155.1	087.7	39.94

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 16-B1

Muncie, IN

256.0	000.1461	0106.0	011.6	037.8	003.6712	0155.1	087.8	39.95
257.0	000.1475	0106.6	011.7	037.7	003.6933	0155.1	087.9	39.95
258.0	000.1490	0107.1	011.7	037.5	003.7147	0155.1	087.9	39.95
259.0	000.1505	0107.5	011.8	037.4	003.7358	0155.2	088.0	39.95
260.0	000.1520	0107.9	011.8	037.3	003.7568	0155.2	088.1	39.94
261.0	000.1547	0108.3	011.9	037.2	003.7791	0155.2	088.2	39.94
262.0	000.1574	0108.7	012.0	037.0	003.8011	0155.2	088.3	39.94
263.0	000.1601	0109.0	012.0	036.9	003.8231	0155.2	088.4	39.93
264.0	000.1629	0109.5	012.1	036.8	003.8458	0155.2	088.5	39.93
265.0	000.1657	0109.9	012.2	036.6	003.8682	0155.2	088.6	39.92
266.0	000.1685	0110.4	012.3	036.5	003.8905	0155.2	088.7	39.92
267.0	000.1713	0110.8	012.3	036.4	003.9125	0155.4	088.9	39.92
268.0	000.1742	0111.2	012.4	036.3	003.9340	0155.4	089.0	39.90
269.0	000.1770	0111.4	012.5	036.2	003.9547	0155.4	089.1	39.89
270.0	000.1799	0111.6	012.5	036.0	003.9752	0155.4	089.3	39.87
271.0	000.1849	0111.8	012.6	035.9	003.9988	0155.4	089.4	39.86
272.0	000.1899	0112.0	012.7	035.8	004.0220	0155.4	089.5	39.85
273.0	000.1949	0112.3	012.8	035.6	004.0456	0155.4	089.6	39.83
274.0	000.2001	0112.6	012.9	035.5	004.0688	0155.4	089.8	39.82
275.0	000.2053	0113.0	013.0	035.4	004.0921	0155.7	089.9	39.81
276.0	000.2105	0113.4	013.1	035.3	004.1158	0155.7	090.1	39.80
277.0	000.2159	0113.8	013.2	035.1	004.1393	0155.7	090.2	39.78
278.0	000.2212	0114.1	013.3	035.0	004.1618	0155.7	090.4	39.75
279.0	000.2267	0114.5	013.4	034.9	004.1847	0155.7	090.5	39.73
280.0	000.2322	0115.0	013.5	034.8	004.2074	0155.7	090.7	39.71
281.0	000.2388	0115.4	013.6	034.6	004.2314	0155.7	090.9	39.68
282.0	000.2455	0115.7	013.8	034.5	004.2548	0155.7	091.0	39.66

Exhibit 16 - C

FMCommander Single Allocation Study
07-30-2007

WKMV.C CH 202 A
0.7 kW 414.1 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WJCF CH 201 A BLED20000728AEF
2.7 kW, 334 M COR
Prot. = 60 dBu
Intef. = 54 dBu

Scale = 1:750,000

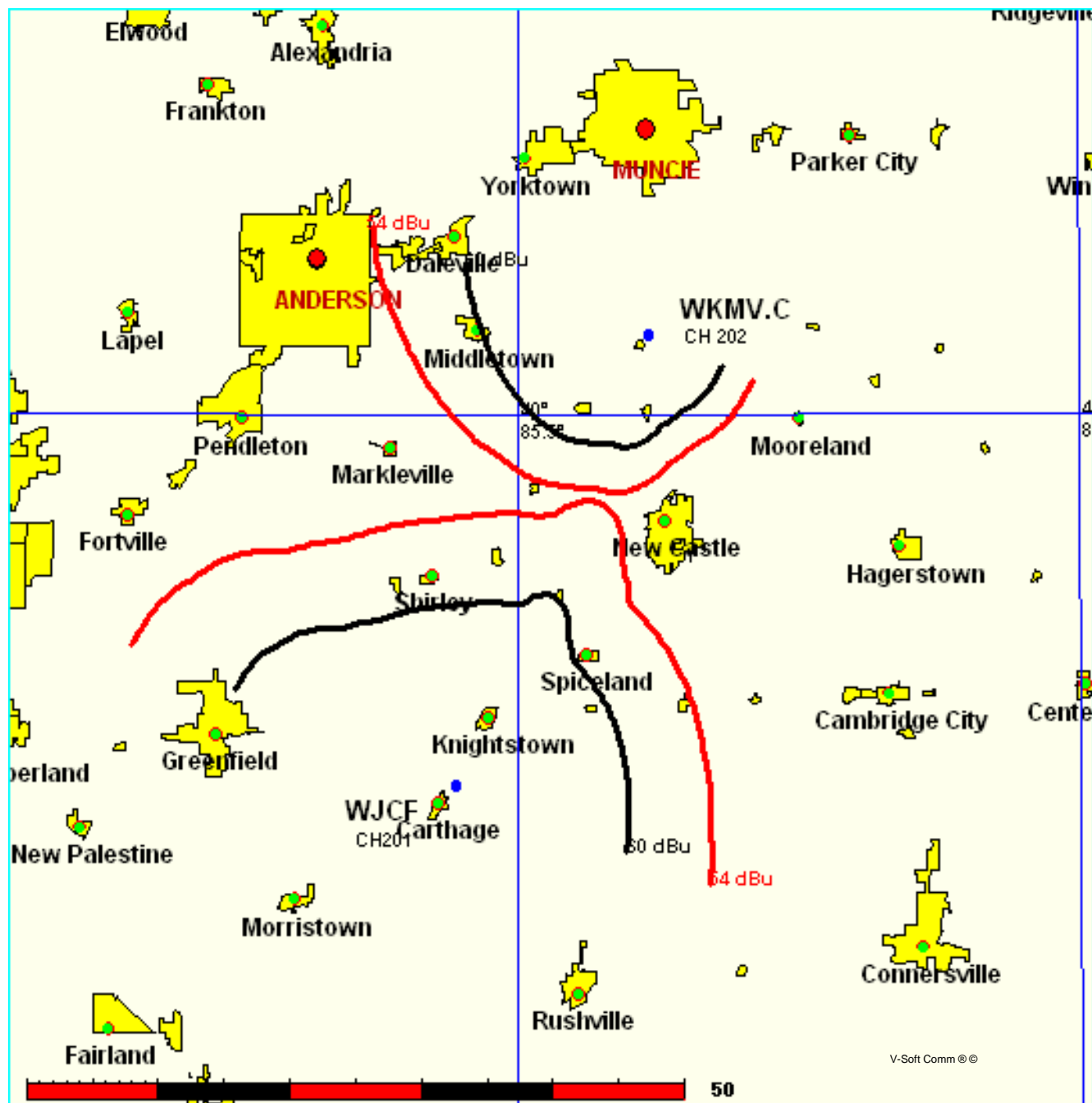


Exhibit 16 - D

FMCommander Single Allocation Study
07-30-2007

WKMV.C	CH 202 A	WLAB	CH 202 B1	BLED20050204AAC
0.7 kW	414.1 M COR DA	3.2 kW,	431 M COR DA	
Prot. =	60 dBu	Prot. =	60 dBu	
Intef. =	40 dBu	Intef. =	40 dBu	

Scale = 1:3,000,000

