

## Channel Study

REFERENCE		CH# 211B1- 90.1 MHz, Pwr= 15 kW DA, HAAT= 102.0 M, COR= 320 M							DISPLAY DATES		
39 13 34.0 N.		Average Protected F(50-50)= 35.4 km							DATA	06-08-10	
84 42 59.0 W.		Standard Directional							SEARCH	06-08-10	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
211B1 Harrison	WORI	CP	DCX OH	0.0 0.0	0.0 BPED20090715AAI	39 13 34.0 84 42 59.0	15.000 102	82.0 320	27.2 Educational Media Foundati	-109.2*<	-109.2*<
211B1 Delhi Hills	WORI	LIC	DCX OH	0.0 0.0	0.0 BLED20070124AKG	39 13 34.0 84 42 59.0	15.000 102	82.0 320	27.2 Educational Media Foundati	-109.2*<	-109.2*<
209C3 Highland Heights	WNKU	LIC	DEN KY	133.8 314.0	30.0 BLED19850422KK	39 02 21.0 84 27 57.0	12.000 97	2.5 302	26.3 Northern Kentucky Universi	-2.0<	0.7
210A West Chester	WLHS	LIC	HN OH	70.8 251.0	31.8 BLED19820521AW	39 19 10.0 84 22 04.0	0.100 104	16.3 338	11.2 Lakota Local School Distri	2.0	0.3
208A Hamilton	WHSS	LIC	CN OH	18.5 198.5	24.0 BLED19780829AG	39 25 51.0 84 37 40.0	0.190 87	1.0 314	11.8 Hamilton School District	0.9	10.2
211B Indianapolis	WFYI-FM	LIC	CN IN	301.0 120.0	147.8 BLED1574	39 53 59.0 86 12 01.0	10.000 171	106.8 418	41.4 Metropolitan Indnpls. Publ	3.7	1.6
210A Greensburg	1260934	APP	ZEX IN	277.6 97.1	61.3 BNPED20071012ADF	39 17 47.9 85 25 16.6	0.700 32	5.5 315	3.8 Connersville Apostolic Lig	21.5	4.1
213A Reily	1212810	APP	DCX OH	346.3 166.3	39.7 BNPED20071019AMT	39 34 25.0 84 49 34.0	5.400 62	2.4 361	24.7 Spryex Communications, Inc	5.9	12.0
212B Cedarville	WCDR-FM	CP	DCX OH	49.9 230.4	93.2 BPED20070907AEE	39 45 46.0 83 52 59.0	43.000 109	72.4 407	48.3 The Cedarville University	6.0	22.8
212B Cedarville	WCDR-FM	LIC	DE OH	49.9 230.4	93.2 BLED19991222ABL	39 45 46.0 83 52 59.0	30.000 109	69.9 407	46.6 The Cedarville University	8.6	24.5
210C2 Georgetown	WKVO	LIC	DC KY	172.6 352.7	114.4 BLED19980511KA	38 12 15.0 84 32 51.0	50.000 125	68.0 394	44.8 Educational Media Foundati	10.2	14.1
213A Connersville	1221307	APP	DCX IN	338.8 158.7	49.8 BNPED20071015ADI	39 38 38.0 84 55 37.0	3.000 68	1.9 362	18.5 Gabriel Broadcasting Corpo	14.5	28.0
208A Versailles	WNOP-FM	LIC	CX IN	263.8 83.5	49.3 BLED20100104AEX	39 10 38.0 85 17 00.0	0.700 67	1.6 360	13.5 Sacred Heart Radio	14.8	32.4
209A Liberty	WKWH	CP	VX IN	341.2 161.1	52.7 BMPED20090520ADS	39 40 29.9 84 54 54.8	0.110 11	0.7 315	5.8 Hoosier Public Radio Corpo	19.2	43.7
213A Richmond	1210228	APP	VX IN	340.9 160.8	55.1 BNPED20071017ADD	39 41 40.0 84 55 38.0	2.000 76	1.8 380	19.1 The Cedarville University	20.4	32.8
213A Richmond	1215005	APP	VX IN	340.9 160.8	55.1 BNPED20071019BBQ	39 41 40.3 84 55 37.9	2.800 58	1.8 361	18.0 Friends Of Radio Maria, In	20.4	33.8
213A Connersville	1211770	APP	NVX IN	321.3 141.0	58.8 BNPED20071012AHJ	39 38 15.0 85 08 45.0	0.350 40	1.3 329	8.0 Connersville Apostolic Lig	22.6	47.3
213A Laurel	1340044	APP	DCX IN	305.7 125.3	60.6 BNPED20071022AXE	39 32 30.6 85 17 22.6	0.450 104	1.3 403	17.0 Summit Seekers, Inc.	22.9	39.9
210B Greenville	WDPG	LIC	DCN OH	5.0 185.1	102.6 BLED19930920KA	40 08 49.0 84 36 36.0	50.000 123	49.5 436	32.1 Dayton Public Radio, Inc.	27.8	31.9
211B1 Chillicothe	WOHC	CP	CX OH	83.7 264.7	132.6 BPED20091015AAO	39 20 45.0 83 11 15.0	7.000 120	88.5 392	28.8 The Cedarville University	30.1	54.2

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Page #	2												
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr	INT	PRO	*IN*	*OUT*		
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)		
210A	1266018	APP	ZEX	280.5	87.7	39 21 55.4	0.100	3.3	2.4	49.3	31.1		
Norristown		IN		99.9	BNPED20071012ABF	85 43 03.0	39	270	Indiana Community Radio Co				
212A	WKJD	CP	DVX	268.0	107.3	39 11 10.0	3.400	32.9	22.1	40.4	32.3		
Columbus		IN		87.2	BMPED20090902ABX	85 57 29.0	82	286	Good Shepherd Radio, Inc.				
211C1	WJCR-FM	LIC	CN	210.3	229.9	37 25 57.0	100.000	149.2	53.7	41.8	69.2		
Upton		KY		29.5	BLED19920310KA	86 01 50.0	117	327	Fm 90.1, Inc.				
212C1	WMKY	LIC	DCX	135.3	163.0	38 10 38.0	37.000	89.9	61.4	44.0	55.1		
Morehead		KY		316.1	BLED20031022ALF	83 24 17.0	276	571	Morehead State University				
210A	WISG	CP	ZEX	275.6	100.0	39 18 27.1	0.100	3.8	2.7	61.9	44.0		
Clifford		IN		94.8	BNPED20071012ADQ	85 52 11.6	25	234	Linda Jerome Foundation				
210A	NEW	CP	CX	90.8	77.7	39 12 45.6	0.100	12.3	8.7	50.9	47.2		
Lynchburg		OH		271.4	BNPED20071022ARR	83 49 00.0	53	355	24-7 Broadcasting, Inc.				
211A	WOHC	LIC	VN	83.7	132.6	39 20 45.0	2.000	69.1	21.6	49.4	61.3		
Chillicothe		OH		264.7	BLED19920512KB	83 11 15.0	120	392	The Cedarville University				
208A	WDPS	LIC	DEN	37.0	74.2	39 45 28.0	6.000	1.2	12.5	53.9	60.1		
Dayton		OH		217.4	BLED19931213KA	84 11 36.0	64	336	Dayton City Schools				
208B1	WQRP	LIC	DCN	37.0	74.2	39 45 28.0	6.000	1.2	12.5	53.9	60.1		
Dayton		OH		217.4	BLED19890112KC	84 11 36.0	64	336	Educational Media Foundati				
214A	WKPW	LIC	VN	311.5	91.6	39 46 08.0	4.400	1.8	17.3	55.0	70.8		
Knightstown		IN		131.0	BLED19950809KA	85 31 05.0	51	346	New Castle Area Career Pro				
265A	1357126	APP	ZCX	228.4	67.7	38 49 15.0	6.000	1.6	17.6	11.5R	56.2M		
Madison		IN		48.0	BNPED20100226AJS	85 18 00.0	100	338	Triangle Foundation, Inc.				
265A	AL7021	VAC		229.0	68.5	38 49 15.0	6.000	1.6	17.6	11.5R	57.0M		
Madison		IN		48.6	RM11113	85 18 46.0	100	329	Rodgers Broadcasting Corp.				
265A	1355483	APP	NCX	227.2	72.4	38 46 57.0	6.000	1.6	17.6	11.5R	60.9M		
Madison		IN		46.8	BNPED20100226AAW	85 19 46.0	100	320	Good Samaritan Educational				
213A	NEW	CP	VX	104.0	81.6	39 02 43.9	1.900	1.8	18.4	62.8	61.5		
Mowrystown		OH		284.6	BNPED20071012AIK	83 48 04.5	58	346	God's Final Call & Warning				
209A	WRGF	LIC	E	305.4	101.2	39 44 55.0	2.000	1.5	15.1	63.2	82.4		
Greenfield		IN		124.8	BLED19991214ACH	85 40 50.0	50	323	Greenfield Central Communi				
265A	1357959	APP	CX	226.2	77.6	38 44 32.0	2.750	1.6	17.6	11.5R	66.1M		
Madison		IN		45.8	BNPED20100226ABY	85 21 43.0	149	369	Cornerstone Community Fell				
209A	WOJC	LIC	VX	246.4	104.8	38 50 39.0	0.300	1.2	10.7	66.4	90.4		
Crothersville		IN		65.7	BLED20050621CRR	85 49 26.0	74	250	Calvary Radio Network, Inc				

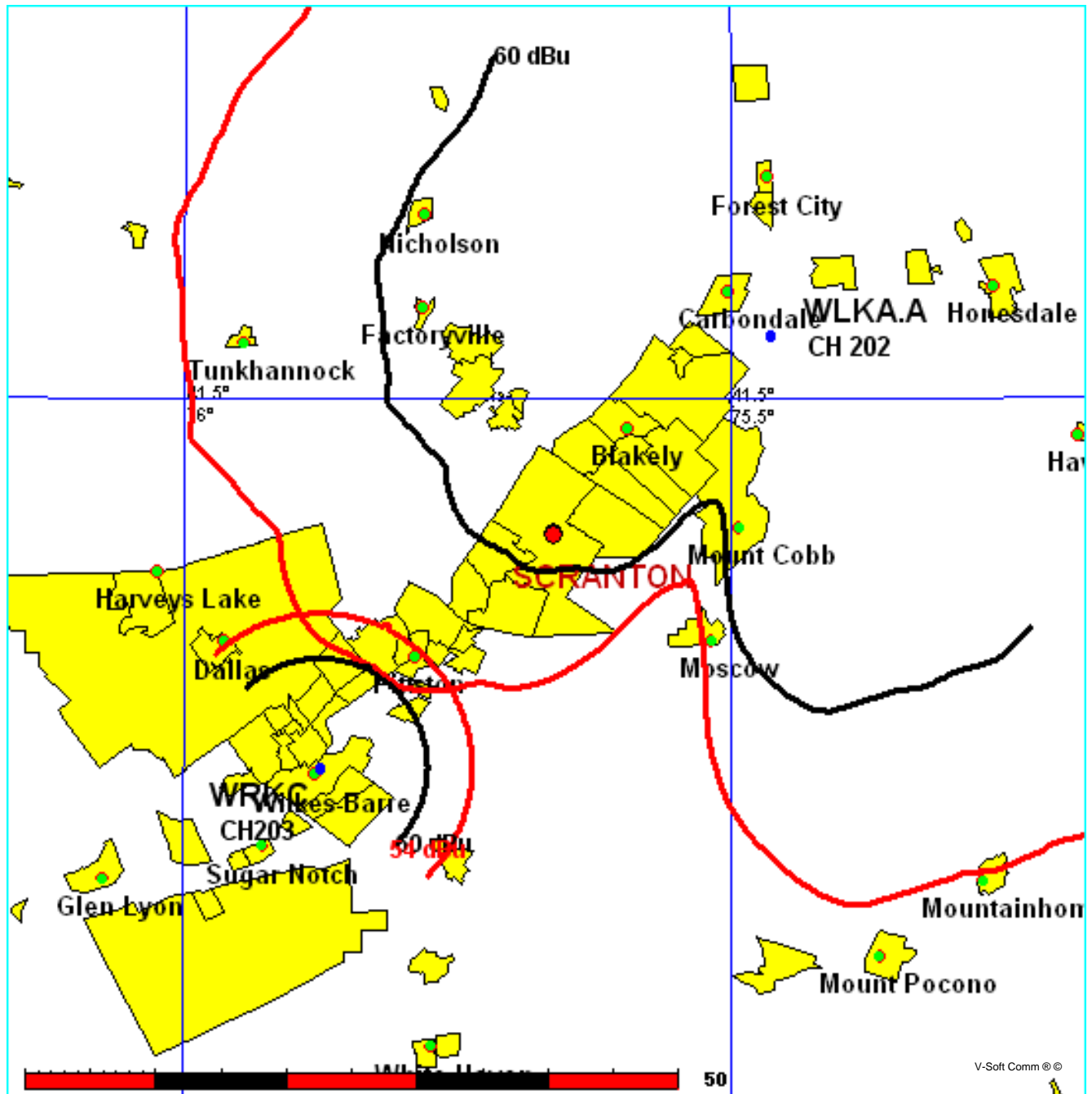
Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference Zone = 1, Co to 3rd adjacent.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E),beamtilt(Y,N,X)  
"\*"affixed to 'IN' or 'OUT' values = site inside protected contour.  
"<" = Contour Overlap

Exhibit 16 - A

FMCommander Single Allocation Study - 06-10-2010 - NGDC 30 SEC  
WLKA.A's Overlaps (In= 10.24 km, Out= 0.57 km)

WLKA.A CH 202 B1 DA  
Lat= 41 32 37.0, Lng= 75 27 44.0  
1.1 kW 250.9 M HAAT, 690 M COR  
Prot.= 60 dBu, Intef.= 54 dBu

WRKC CH 203 A BLED1076  
Lat= 41 14 57.0, Lng= 75 52 26.0  
0.44 kW -143 M HAAT, 219 M COR  
Prot.= 60 dBu, Intef.= 54 dBu



**WLKA and WRKC**

06-10-2010 NGDC 30 SEC Terrain Data

WRKC BLED1076

Channel = 203A  
Max ERP = 0.44 kW  
RCAMSL = 219 M  
N. Lat. 41 14 57.0  
W. Lng. 75 52 26.0  
Protected  
60 dBu

WLKA. A

Channel = 202B1  
Max ERP = 1.1 kW  
RCAMSL = 690 M  
N. Lat. 41 32 37.0  
W. Lng. 75 27 44.0  
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)
350.0	000.4400	-0113.8	008.2	235.6	000.3799	0356.7	043.5	53.02	
351.0	000.4400	-0111.8	008.2	235.5	000.3790	0356.7	043.3	53.06	
352.0	000.4400	-0110.5	008.2	235.4	000.3781	0356.6	043.2	53.11	
353.0	000.4400	-0109.3	008.2	235.3	000.3772	0356.6	043.1	53.15	
354.0	000.4400	-0108.0	008.2	235.2	000.3762	0356.5	043.0	53.19	
355.0	000.4400	-0105.3	008.2	235.1	000.3752	0356.4	042.8	53.23	
356.0	000.4400	-0102.7	008.2	235.0	000.3741	0356.3	042.7	53.26	
357.0	000.4400	-0100.2	008.2	234.9	000.3730	0356.2	042.6	53.30	
358.0	000.4400	-0097.7	008.2	234.8	000.3719	0356.1	042.5	53.33	
359.0	000.4400	-0095.1	008.2	234.7	000.3707	0355.9	042.4	53.37	
000.0	000.4400	-0092.3	008.2	234.6	000.3695	0355.8	042.2	53.40	
001.0	000.4400	-0090.8	008.2	234.5	000.3683	0355.7	042.1	53.43	
002.0	000.4400	-0089.3	008.2	234.4	000.3670	0355.5	042.0	53.46	
003.0	000.4400	-0084.7	008.2	234.2	000.3657	0355.3	041.9	53.49	
004.0	000.4400	-0080.7	008.2	234.1	000.3644	0355.2	041.8	53.51	
005.0	000.4400	-0077.1	008.2	234.0	000.3630	0355.0	041.7	53.54	
006.0	000.4400	-0074.9	008.2	233.9	000.3616	0354.9	041.6	53.56	
007.0	000.4400	-0071.4	008.2	233.7	000.3602	0354.7	041.5	53.59	
008.0	000.4400	-0068.2	008.2	233.6	000.3587	0354.6	041.4	53.61	
009.0	000.4400	-0067.7	008.2	233.4	000.3572	0354.4	041.3	53.63	
010.0	000.4400	-0067.2	008.2	233.3	000.3557	0354.3	041.2	53.65	
011.0	000.4400	-0063.2	008.2	233.1	000.3542	0354.2	041.1	53.67	
012.0	000.4400	-0057.4	008.2	233.0	000.3526	0354.1	041.0	53.69	
013.0	000.4400	-0051.4	008.2	232.8	000.3510	0354.0	040.9	53.71	
014.0	000.4400	-0047.6	008.2	232.7	000.3494	0353.9	040.8	53.73	
015.0	000.4400	-0044.6	008.2	232.5	000.3477	0353.9	040.7	53.74	
016.0	000.4400	-0041.9	008.2	232.4	000.3460	0353.8	040.6	53.76	
017.0	000.4400	-0038.2	008.2	232.2	000.3443	0353.7	040.5	53.77	
018.0	000.4400	-0033.8	008.2	232.0	000.3426	0353.7	040.4	53.78	
019.0	000.4400	-0026.9	008.2	231.9	000.3408	0353.6	040.4	53.79	
020.0	000.4400	-0017.6	008.2	231.7	000.3391	0353.5	040.3	53.80	
021.0	000.4400	-0008.0	008.2	231.5	000.3373	0353.5	040.2	53.81	
022.0	000.4400	0002.0	008.2	231.3	000.3354	0353.4	040.1	53.82	
023.0	000.4400	0013.0	008.2	231.2	000.3336	0353.3	040.1	53.82	
024.0	000.4400	0023.9	008.2	231.0	000.3317	0353.1	040.0	53.82	
025.0	000.4400	0031.2	008.4	230.9	000.3309	0353.1	039.8	53.90	
026.0	000.4400	0031.8	008.4	230.7	000.3294	0352.9	039.7	53.93	
027.0	000.4400	0024.2	008.2	230.4	000.3261	0352.5	039.8	53.81	
028.0	000.4400	0013.7	008.2	230.2	000.3242	0352.2	039.8	53.80	
029.0	000.4400	0006.5	008.2	230.0	000.3222	0351.8	039.7	53.79	
030.0	000.4400	0006.2	008.2	229.8	000.3229	0351.4	039.7	53.81	
031.0	000.4400	0011.1	008.2	229.6	000.3241	0351.0	039.6	53.83	

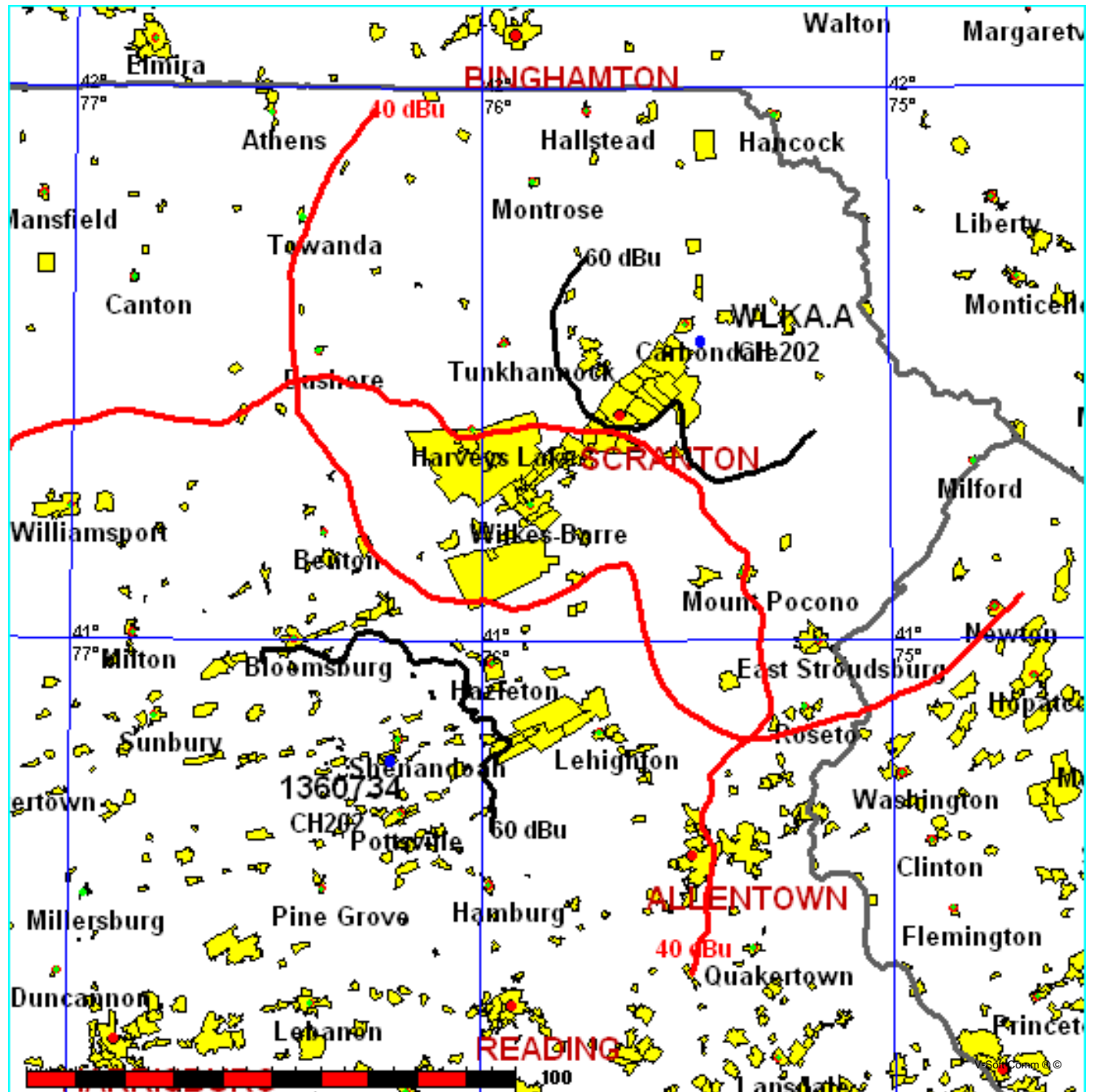
032.0	000.4400	0017.7	008.2	229.4	000.3252	0350.4	039.6	53.85
033.0	000.4400	0023.1	008.2	229.2	000.3264	0349.8	039.5	53.86
034.0	000.4400	0026.5	008.2	229.0	000.3276	0349.1	039.5	53.88
035.0	000.4400	0028.1	008.2	228.8	000.3287	0348.4	039.5	53.89
036.0	000.4400	0028.1	008.2	228.6	000.3299	0347.6	039.4	53.90
037.0	000.4400	0026.9	008.2	228.4	000.3312	0346.7	039.4	53.90
038.0	000.4400	0024.6	008.2	228.2	000.3324	0345.7	039.4	53.90
039.0	000.4400	0021.6	008.2	228.0	000.3336	0344.7	039.3	53.90
040.0	000.4400	0018.3	008.2	227.8	000.3348	0343.6	039.3	53.89
041.0	000.4400	0014.6	008.2	227.6	000.3361	0342.3	039.3	53.88
042.0	000.4400	0010.7	008.2	227.4	000.3373	0341.0	039.3	53.86
043.0	000.4400	0007.1	008.2	227.2	000.3385	0339.6	039.3	53.84
044.0	000.4400	0003.8	008.2	227.0	000.3398	0338.1	039.3	53.82
045.0	000.4400	0000.7	008.2	226.8	000.3410	0336.5	039.3	53.79
046.0	000.4400	-0002.8	008.2	226.6	000.3423	0334.8	039.3	53.76
047.0	000.4400	-0006.8	008.2	226.4	000.3436	0333.0	039.3	53.72
048.0	000.4400	-0011.1	008.2	226.1	000.3448	0331.1	039.3	53.68
049.0	000.4400	-0015.1	008.2	225.9	000.3461	0329.1	039.3	53.63
050.0	000.4400	-0018.3	008.2	225.7	000.3474	0327.0	039.3	53.58
051.0	000.4400	-0021.1	008.2	225.5	000.3486	0324.8	039.3	53.53
052.0	000.4400	-0023.7	008.2	225.3	000.3499	0322.5	039.3	53.47
053.0	000.4400	-0026.5	008.2	225.1	000.3511	0320.2	039.3	53.41
054.0	000.4400	-0030.0	008.2	224.9	000.3524	0317.7	039.3	53.34
055.0	000.4400	-0034.7	008.2	224.7	000.3537	0315.3	039.4	53.27
056.0	000.4400	-0040.3	008.2	224.5	000.3549	0312.7	039.4	53.20
057.0	000.4400	-0046.3	008.2	224.3	000.3562	0310.2	039.4	53.13
058.0	000.4400	-0052.5	008.2	224.1	000.3574	0307.5	039.5	53.05

Exhibit 16 - B

FMCommander Single Allocation Study - 06-10-2010 - NGDC 30 SEC  
WLKA.A's Overlaps (In= 2.41 km, Out= 14.46 km)

WLKA.A CH 202 B1 DA  
Lat= 41 32 37.0, Lng= 75 27 44.0  
1.1 kW 250.9 M HAAT, 690 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

1360734 CH 202 B1 DA BNPED20071019BFI  
Lat= 40 46 43.0, Lng= 76 12 42.0  
14.0 kW 114 M HAAT, 500 M COR  
Prot.= 60 dBu, Intef.= 40 dBu



**WLKA and 1360734**

06-10-2010 NGDC 30 SEC Terrain Data FMOver Analysis

WLKA. A

1360734 BNPED20071019BFI

Channel = 202B1  
Max ERP = 1.1 kW  
RCAMSL = 690 M  
N. Lat. 41 32 37.0  
W. Lng. 75 27 44.0  
Protected  
60 dBu

Channel = 202B1  
Max ERP = 14 kW  
RCAMSL = 500 M  
N. Lat. 40 46 43.0  
W. Lng. 76 12 42.0  
Interfering  
40 dBu

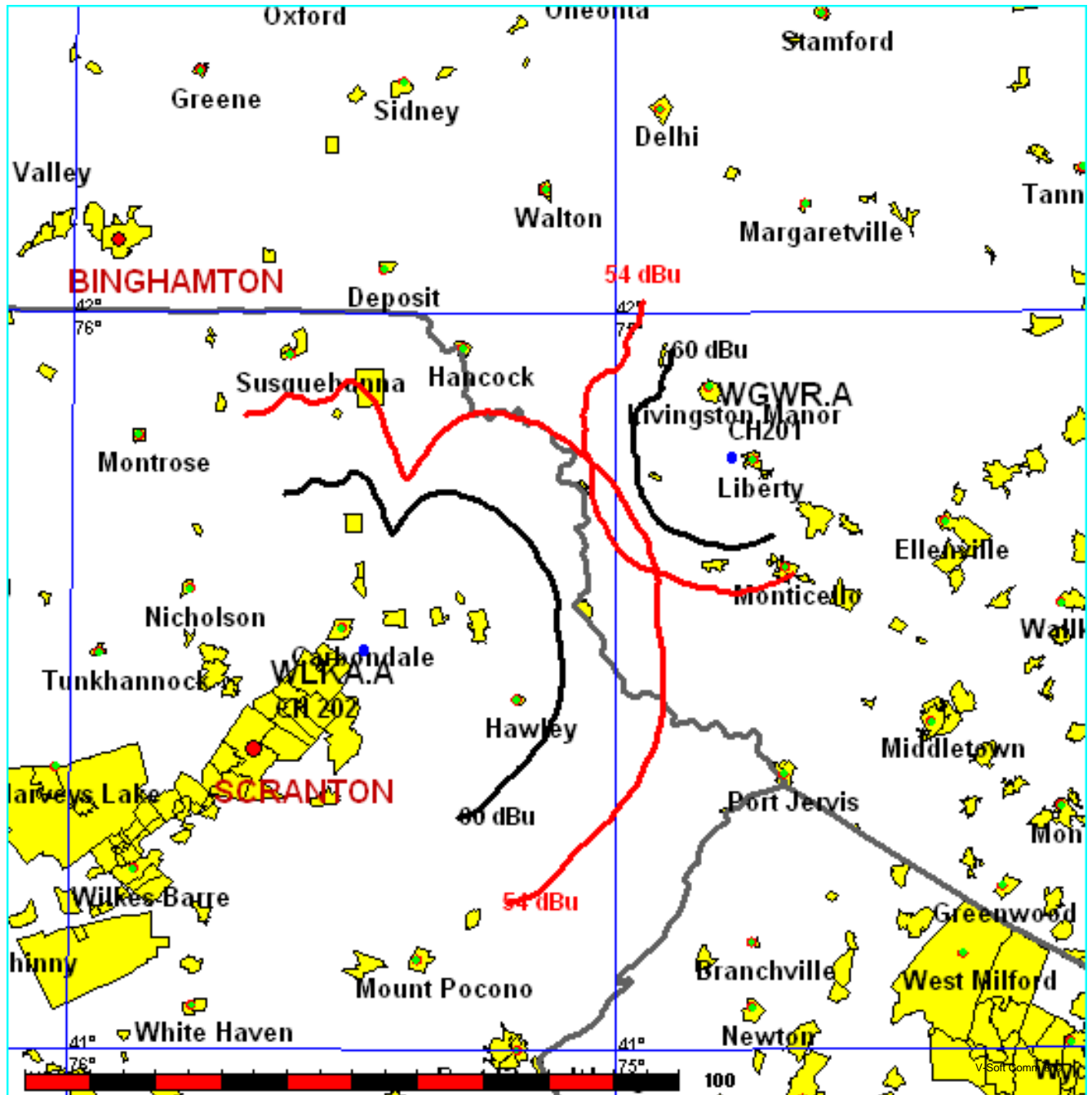
Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
172.0	001.1000	0240.0	028.7	049.5	010.1699	0039.3	087.7	39.06	
173.0	001.1000	0237.5	028.5	049.2	010.0707	0040.4	087.4	39.15	
174.0	001.1000	0233.8	028.3	048.9	009.9557	0041.6	087.1	39.24	
175.0	001.1000	0228.6	028.0	048.6	009.8198	0042.9	086.8	39.30	
176.0	001.1000	0222.8	027.7	048.2	009.6764	0044.1	086.7	39.34	
177.0	001.1000	0217.9	027.3	047.8	009.5429	0045.0	086.5	39.37	
178.0	001.1000	0211.5	027.0	047.4	009.3924	0045.8	086.4	39.37	
179.0	001.1000	0205.0	026.5	047.0	009.2421	0046.3	086.3	39.35	
180.0	001.1000	0198.4	026.1	046.6	009.0926	0046.6	086.2	39.31	
181.0	001.1000	0191.7	025.7	046.2	008.9459	0046.9	086.1	39.27	
182.0	001.1000	0185.1	025.3	045.8	008.8027	0047.2	086.1	39.22	
183.0	001.1000	0177.7	024.9	045.4	008.6547	0047.6	086.1	39.16	
184.0	001.1000	0169.2	024.4	045.0	008.4954	0048.1	086.2	39.09	
185.0	001.1000	0160.5	023.8	044.5	008.3332	0048.8	086.4	39.00	
212.0	000.5580	0162.6	020.5	037.3	006.1494	0069.6	085.3	39.00	
213.0	000.5343	0175.8	021.0	037.1	006.0987	0069.7	084.8	39.12	
214.0	000.5111	0188.6	021.5	036.9	006.0431	0070.0	084.3	39.21	
215.0	000.4885	0200.5	021.8	036.7	005.9841	0070.4	083.9	39.29	
216.0	000.4663	0211.0	022.1	036.4	005.9226	0070.8	083.6	39.34	
217.0	000.4447	0220.4	022.3	036.1	005.8592	0071.4	083.4	39.38	
218.0	000.4236	0229.7	022.5	035.9	005.7949	0072.0	083.2	39.41	
219.0	000.4030	0239.7	022.7	035.6	005.7294	0072.6	083.1	39.43	
220.0	000.3829	0251.2	022.9	035.3	005.6627	0073.1	082.9	39.46	
221.0	000.3766	0264.5	023.4	035.0	005.5912	0073.5	082.4	39.54	
222.0	000.3703	0278.8	023.9	034.7	005.5167	0073.8	082.0	39.61	
223.0	000.3641	0293.0	024.4	034.3	005.4396	0073.9	081.6	39.66	
224.0	000.3579	0306.5	024.8	034.0	005.3607	0073.8	081.2	39.69	
225.0	000.3518	0319.0	025.2	033.7	005.2812	0073.5	080.9	39.69	
226.0	000.3457	0329.7	025.5	033.3	005.2024	0073.1	080.7	39.66	
227.0	000.3397	0338.3	025.7	033.0	005.1256	0072.8	080.6	39.60	
228.0	000.3337	0344.6	025.8	032.6	005.0520	0072.4	080.6	39.52	
229.0	000.3278	0349.0	025.9	032.3	004.9817	0072.2	080.7	39.43	
230.0	000.3219	0351.8	025.9	032.0	004.9151	0072.1	080.8	39.33	
231.0	000.3320	0353.2	026.1	031.7	004.8371	0071.9	080.7	39.27	
232.0	000.3423	0353.7	026.3	031.3	004.7605	0071.8	080.7	39.21	
233.0	000.3526	0354.1	026.5	030.9	004.6839	0071.7	080.7	39.14	
234.0	000.3632	0355.1	026.8	030.6	004.6063	0071.6	080.6	39.07	
235.0	000.3739	0356.3	027.0	030.2	004.5283	0071.6	080.6	39.00	

Exhibit 16 - C

FMCommander Single Allocation Study - 06-10-2010 - NGDC 30 SEC  
WLKA.A's Overlaps (In= 11.26 km, Out= 3.05 km)

WLKA.A CH 202 B1 DA  
Lat= 41 32 37.0, Lng= 75 27 44.0  
1.1 kW 250.9 M HAAT, 690 M COR  
Prot.= 60 dBu, Intef.= 54 dBu

WGWR-A CH 201 A DA BMPED20090707AGF  
Lat= 41 48 16.0, Lng= 74 47 07.4  
0.35 kW 246 M HAAT, 737 M COR  
Prot.= 60 dBu, Intef.= 54 dBu





FMCommander Single Allocation Study - 06-10-2010 - NGDC 30 SEC  
 WLKA.A's Overlaps (In= 11.07 km, Out= 3.76 km)

WLKA.A CH 202 B1 DA  
 Lat= 41 32 37.0, Lng= 75 27 44.0  
 1.1 kW 250.9 M HAAT, 690 M COR  
 Prot.= 60 dBu, Intef.= 54 dBu

WGWR-C CH 201 A DA BPED20070906AAQ  
 Lat= 41 48 55.0, Lng= 74 45 48.0  
 1.0 kW 171 M HAAT, 669 M COR  
 Prot.= 60 dBu, Intef.= 54 dBu

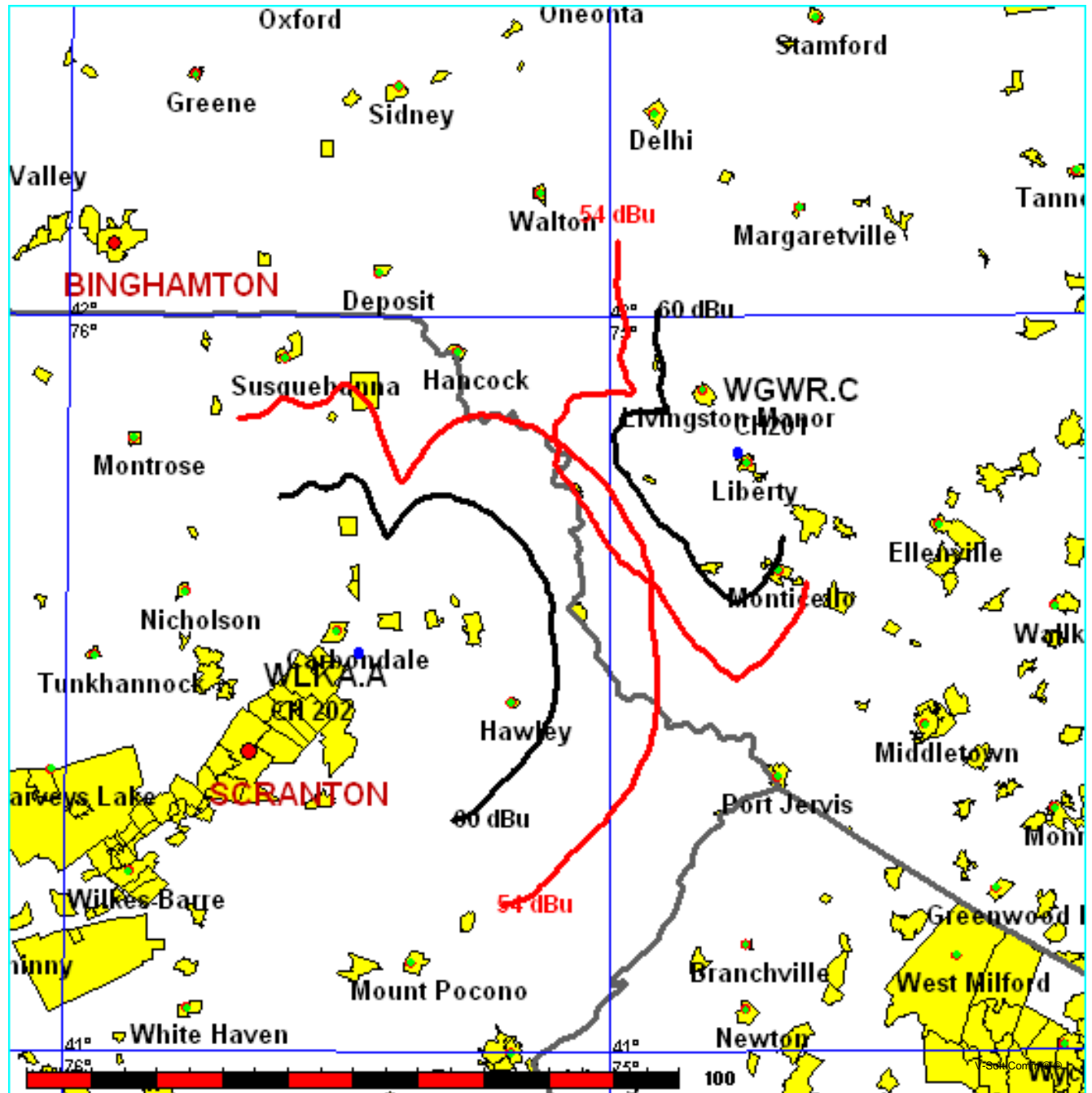
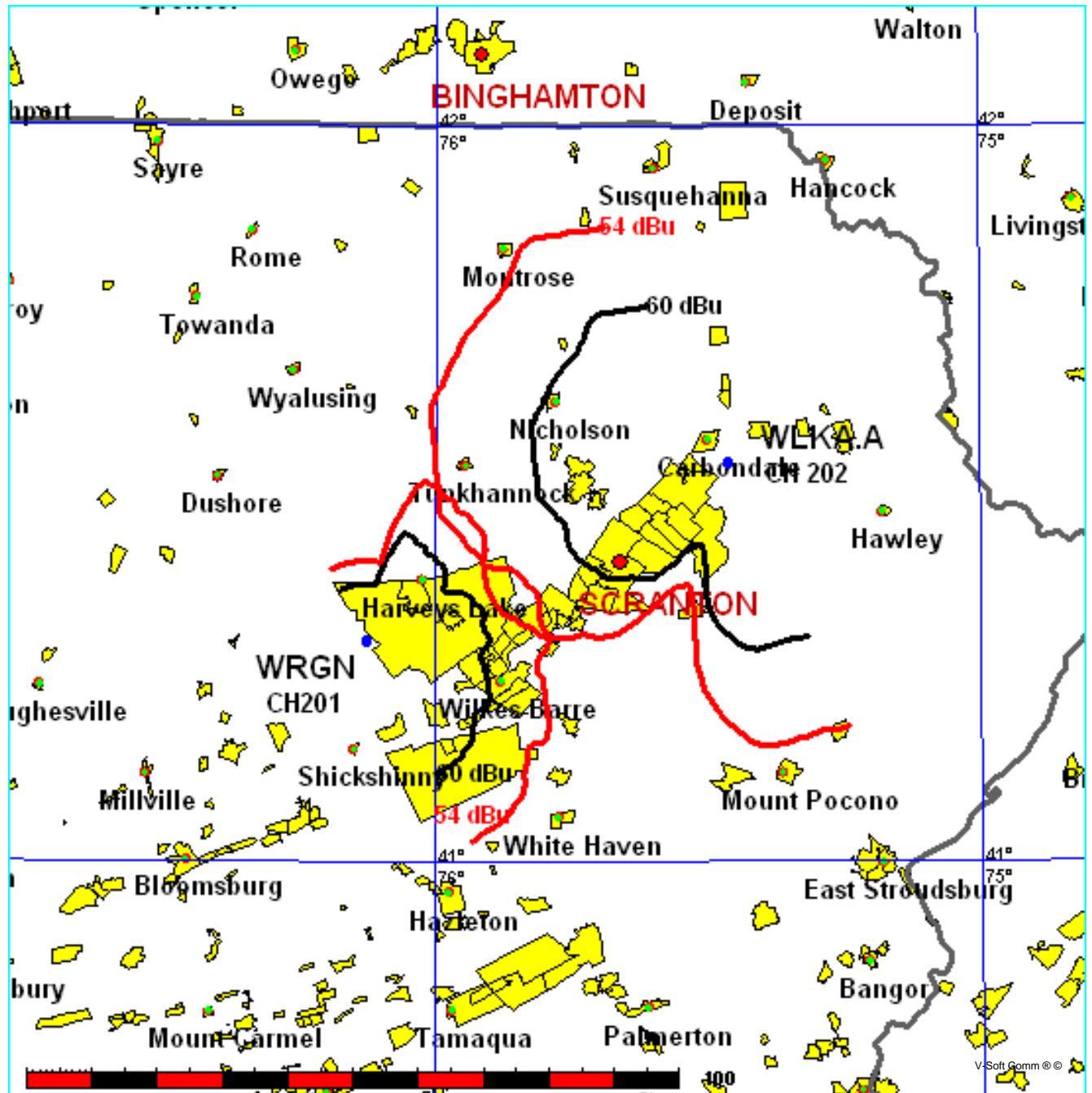


Exhibit 16 - E

FMCommander Single Allocation Study - 06-10-2010 - NGDC 30 SEC  
WLKA.A's Overlaps (In= 10.25 km, Out= 4.24 km)

WLKA.A CH 202 B1 DA  
Lat= 41 32 37.0, Lng= 75 27 44.0  
1.1 kW 250.9 M HAAT, 690 M COR  
Prot.= 60 dBu, Intef.= 54 dBu

WRGN CH 201 A BLED19890518KA  
Lat= 41 17 54.0, Lng= 76 07 28.0  
0.5 kW 92 M HAAT, 503 M COR  
Prot.= 60 dBu, Intef.= 54 dBu



FMCommander Single Allocation Study - 06-10-2010 - NGDC 30 SEC  
 WLKA.A's Overlaps (In= 13.99 km, Out= 5.75 km)

WLKA.A CH 202 B1 DA  
 Lat= 41 32 37.0, Lng= 75 27 44.0  
 1.1 kW 250.9 M HAAT, 690 M COR  
 Prot.= 60 dBu, Intef.= 54 dBu

WGWR CH 201 A BLED19971126KD  
 Lat= 41 48 55.0, Lng= 74 45 48.0  
 0.06 kW 171 M HAAT, 669 M COR  
 Prot.= 60 dBu, Intef.= 54 dBu

