

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 16

Brewster, OH

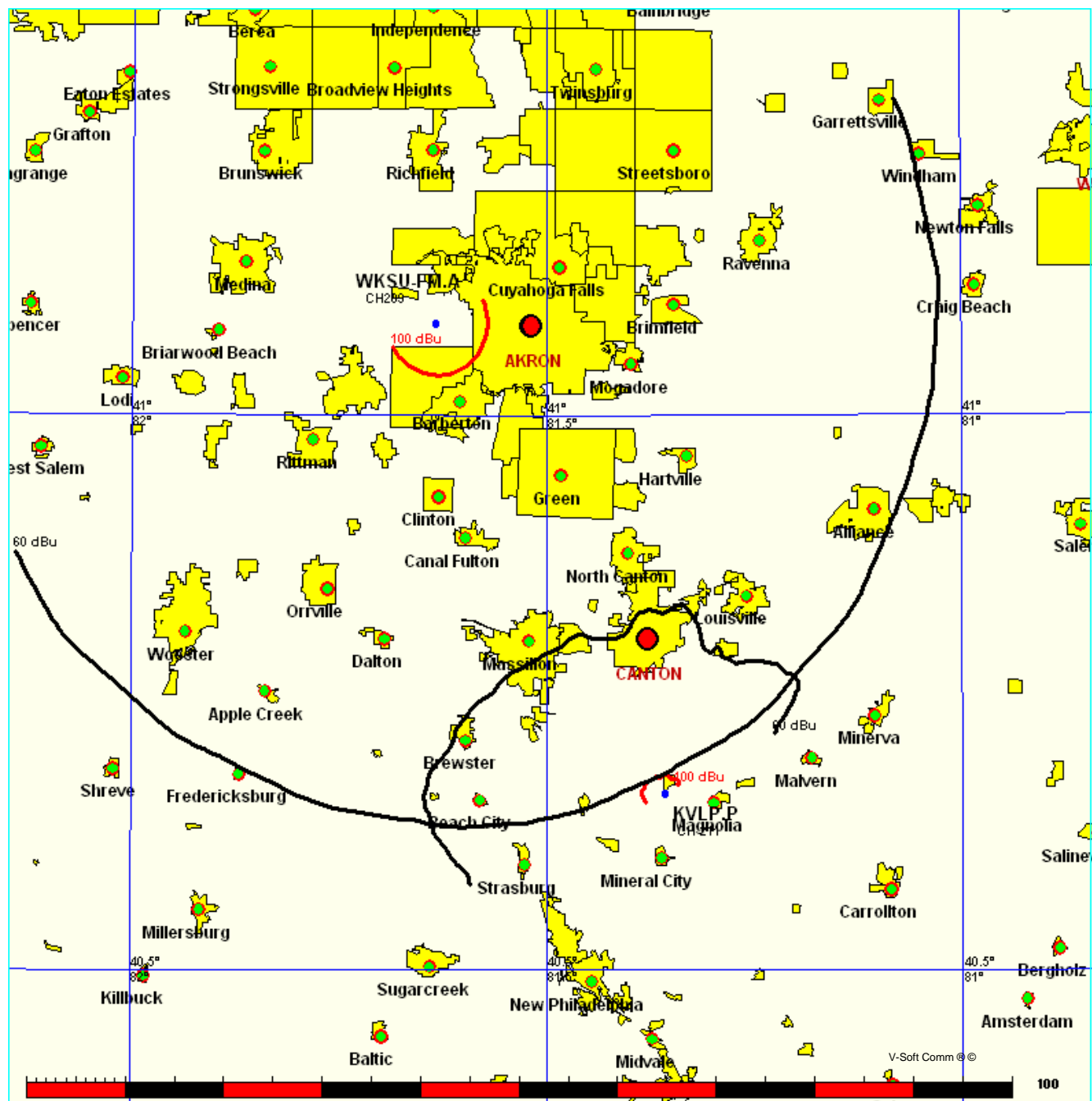
Channel Study

REFERENCE		CH# 211A - 90.1 MHz, Pwr= 4.8 kW, HAAT= 53.5 M, COR= 374 M								DISPLAY DATES	
40 39 35.0 N.		Average Protected F(50-50)= 20.2 km								DATA	10-04-07
81 21 26.0 W.										SEARCH	10-16-07
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*
209B Kent	WKSU-FM	APP OH	CX	333.8 153.6	52.45 BPED20070906AEI	41 04 58.0 81 38 02.0	12.000 277	5.2 596	50.7 Kent State University	29.77	0.00
210B Wheeling	WVNP	LIC WV	CY	125.9 306.4	83.77 BLED19811102AL	40 12 58.0 80 33 31.0	25.000 152	74.0 484	50.2 West Virginia Educational	0.58	20.79
209B Kent	WKSU-FM	LIC OH	DCN	333.8 153.6	52.45 BLED19980218KB	41 04 58.0 81 38 02.0	14.500 277	4.6 596	47.3 Kent State University	30.42	3.35
213A Millersburg	WVML	LIC OH	ZCX	259.0 78.7	33.19 BLED20040924ADJ	40 36 08.0 81 44 32.0	4.800 112	2.5 450	27.0 The Moody Bible Institute	7.08	3.85
211A Zanesville	WOUZ-FM	LIC OH	VN	208.6 28.2	106.85 BLED19931006KG	39 48 50.0 81 57 21.0	3.000 85	77.5 354	25.2 Ohio University	8.52	7.35
212B Cleveland	WCPN	LIC OH	DCN	339.4 159.2	84.55 BLED19961025KA	41 22 18.0 81 42 48.0	47.000 155	59.1 425	35.6 Ideastream	8.96	24.48
211A New Castle	WVMN	LIC PA	CN	66.0 246.6	97.94 BLED19951130KA	41 00 47.0 80 17 36.0	2.000 72	71.5 414	23.0 The Moody Bible Institute	14.35	31.89
211B Upper Sandusky	WXML	LIC OH	VX	281.4 100.2	151.92 BLED20070705AEZ	40 54 53.0 83 07 32.0	15.000 158	107.2 425	39.0 Kayser Broadcast Ministrie	22.34	36.10
06+1C Columbus	WSYX	LI OH	DCY	240.9 59.8	162.60 BLCT19931022KE	39 56 16.0 83 01 16.0	100.000 286		99.9 Wsyx Licensee, Inc.	113.6R	49.0M
214A New Concord	WMCO	LIC OH	CN	202.8 22.6	79.93 BLED19811109AA	39 59 46.0 81 43 18.0	1.300 26	1.6 314	10.8 Muskingum College	55.72	66.85
214B1 Struthers	WKTL	LIC OH	DCN	55.4 235.9	77.35 BLED1805	41 03 06.0 80 35 56.0	13.500 7	1.9 339	18.5 Board Of Education Struthe	60.11	57.30
208A Poland	AP0970	APP OH	DVN	52.0 232.5	76.36 BNPED19991007AAB	41 04 48.0 80 38 25.0	0.100 10	0.6 330	5.1 Pensacola Christian Colleg	58.74	69.49
211C2 Clarksburg	WZWA	APP WV	DCX	141.5 322.4	184.28 BPED20070907AEI	39 21 16.0 80 01 27.0	50.000 90	112.2 509	40.0 Maranatha Broadcasting, In	62.21	111.35
211A Ashtabula	AP2528	APP OH	CX	19.9 200.3	138.90 BNPED20000128ABA	41 50 02.0 80 47 11.0	0.450 57	29.3 284	8.7 Iglesia Pentecostal Y Misi	94.14	65.41
264B Cleveland	WMMS	LIC OH	CN	341.6 161.4	81.86 BLH19870526KA	41 21 30.0 81 40 03.0	34.000 183	6.9 457	33.0 Citicasters Licenses, L.p.	15.0R	66.9M

Terrain database is NGDC 30 SEC
 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)
 « = Station meets FCC minimum distance spacing for its class.
 Reference station has protected zone issue: Canada

Educational Media Foundation (“EMF”) wishes to use a directional pattern toward WVNP. By drawing lines from the proposed facility to the largest relevant contour of WVNP, the critical arcs between the two facilities were determined to be 60° to 190°. The pattern for the proposed facility complies with the 2db per 10 degree rule within this critical arc area.

This method is nearly identical to the application granted to Educational Media Foundation, BMPED-20061031AAY.



KVLP.P vs. WKSU-FM.A

10-17-2007 NGDC 30 SEC Terrain Data

WKSU-FM.A BPED20070906AEI
 Channel = 209B
 Max ERP = 12 kW
 RCAMSL = 596 M
 N. Lat. 41 04 58.0
 W. Lng. 81 38 02.0
 Protected
 60 dBu

KVLP.P
 Channel = 211A
 Max ERP = 4.8 kW
 RCAMSL = 374 M
 N. Lat. 40 39 35.0
 W. Lng. 81 21 26.0
 Interfering
 100 dBu

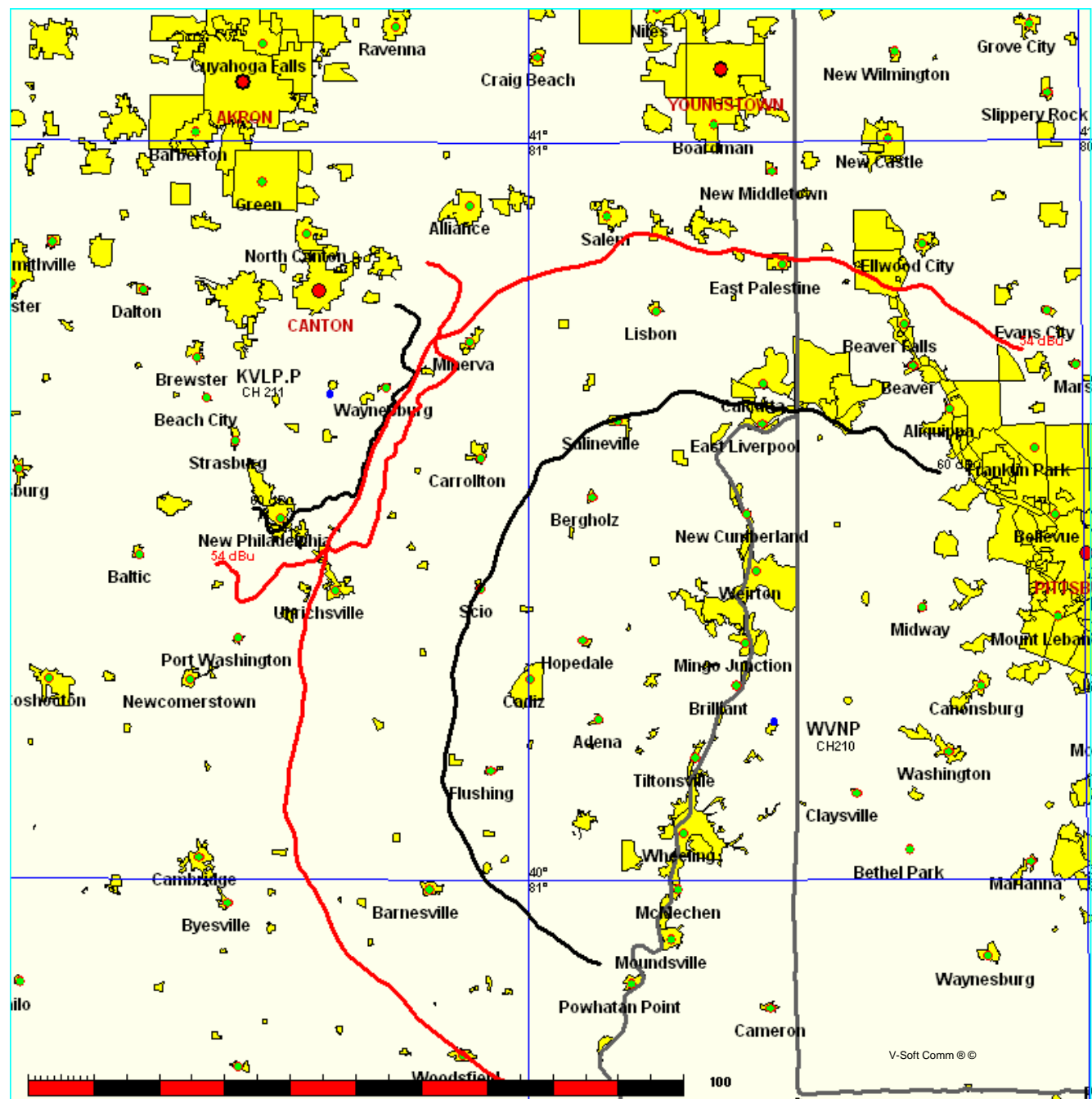
Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)
150.0	012.0000	0282.8	050.6	031.1	004.8000	0032.2	003.7	84.60
151.0	012.0000	0283.2	050.6	023.1	004.8000	0029.1	002.9	88.04
152.0	012.0000	0283.8	050.7	010.0	004.8000	0041.4	002.3	95.73
153.0	012.0000	0284.0	050.7	348.1	004.8000	0039.5	001.9	98.88
154.0	012.0000	0283.4	050.6	320.9	004.8000	0044.5	001.9	99.81
155.0	012.0000	0282.6	050.6	299.4	004.8000	0053.8	002.3	97.89
156.0	012.0000	0282.2	050.6	285.6	004.8000	0065.7	002.9	94.82
157.0	012.0000	0282.4	050.6	276.7	004.8000	0075.0	003.7	92.17
158.0	012.0000	0282.8	050.6	270.8	004.8000	0080.7	004.4	89.53
159.0	012.0000	0283.4	050.6	266.7	004.8000	0080.9	005.3	86.74
160.0	012.0000	0284.5	050.7	263.5	004.8000	0078.1	006.1	83.78

Exhibit 16-B

FMCommander Single Allocation Study 10-17-2007

KVLP.P CH 211 A
4.8 kW 374 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WVNP CH 210 B BLED19811102AL
25.0 kW, 484 M COR
Prot. = 60 dBu
Intef. = 54 dBu



WVNP vs. KVLP.P

10-17-2007

NGDC 30 SEC Terrain Data

FMOver Analysis

KVLP.P

Channel = 211A

Max ERP = 4.8 kW

RCAMSL = 374 M

N. Lat. 40 39 35.0

W. Lng. 81 21 26.0

Protected

60 dBu

WVNP

BLED19811102AL

Channel = 210B

Max ERP = 25 kW

RCAMSL = 484 M

N. Lat. 40 12 58.0

W. Lng. 80 33 31.0

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)
066.0	000.8648	0046.4	012.1	314.0	025.0000	0201.1	078.4	53.08
067.0	000.8258	0047.1	012.0	313.9	025.0000	0200.8	078.2	53.12
068.0	000.7887	0047.9	012.0	313.8	025.0000	0200.4	078.1	53.16
069.0	000.7532	0048.7	012.0	313.8	025.0000	0200.1	077.9	53.21
070.0	000.7193	0050.3	012.0	313.7	025.0000	0200.0	077.7	53.27
071.0	000.6869	0052.4	012.2	313.7	025.0000	0200.0	077.4	53.35
072.0	000.6560	0054.7	012.3	313.7	025.0000	0200.0	077.2	53.43
073.0	000.6539	0057.3	012.5	313.8	025.0000	0200.4	076.9	53.55
074.0	000.6518	0060.1	012.8	313.9	025.0000	0200.7	076.6	53.67
075.0	000.6498	0062.6	013.0	314.0	025.0000	0200.9	076.3	53.77
076.0	000.6477	0064.6	013.2	314.0	025.0000	0201.0	076.0	53.87
077.0	000.6456	0065.5	013.2	313.9	025.0000	0200.8	075.7	53.94
078.0	000.6436	0065.0	013.2	313.8	025.0000	0200.2	075.6	53.97
079.0	000.6415	0063.9	013.1	313.6	025.0000	0199.5	075.5	53.98
080.0	000.6395	0062.5	012.9	313.4	025.0000	0198.8	075.4	53.98
081.0	000.6273	0060.4	012.7	313.2	025.0000	0197.9	075.3	53.96
082.0	000.6152	0058.1	012.4	312.9	025.0000	0197.1	075.3	53.92
083.0	000.6032	0055.9	012.2	312.7	025.0000	0196.3	075.3	53.89
084.0	000.5914	0053.5	011.9	312.4	025.0000	0195.6	075.4	53.84
085.0	000.5796	0051.1	011.5	312.1	025.0000	0195.1	075.5	53.80
086.0	000.5680	0048.3	011.2	311.8	025.0000	0194.6	075.6	53.74
087.0	000.5565	0045.8	010.8	311.5	025.0000	0194.2	075.7	53.69
088.0	000.5451	0044.2	010.5	311.3	025.0000	0194.1	075.7	53.66
089.0	000.5339	0042.7	010.3	311.0	025.0000	0193.9	075.8	53.64
090.0	000.5227	0041.2	010.1	310.8	025.0000	0193.8	075.9	53.61
091.0	000.5111	0039.7	009.8	310.6	025.0000	0193.8	075.9	53.59
092.0	000.4995	0039.6	009.7	310.5	025.0000	0193.7	075.9	53.60
093.0	000.4881	0039.6	009.7	310.3	025.0000	0193.7	075.8	53.62
094.0	000.4769	0039.6	009.6	310.2	025.0000	0193.7	075.8	53.64
095.0	000.4658	0039.9	009.6	310.1	025.0000	0193.7	075.7	53.66
096.0	000.4548	0041.2	009.7	310.0	025.0000	0193.7	075.5	53.72
097.0	000.4439	0042.9	009.9	310.0	025.0000	0193.7	075.3	53.79
098.0	000.4332	0044.6	010.0	309.9	025.0000	0193.7	075.1	53.86
099.0	000.4225	0044.7	010.0	309.8	025.0000	0193.7	075.0	53.88
100.0	000.4121	0043.7	009.8	309.6	025.0000	0193.7	075.1	53.85
101.0	000.4003	0042.1	009.5	309.4	025.0000	0193.6	075.3	53.80
102.0	000.3887	0040.6	009.3	309.2	025.0000	0193.5	075.4	53.75
103.0	000.3773	0040.5	009.2	309.1	025.0000	0193.4	075.4	53.74
104.0	000.3660	0041.2	009.2	309.0	025.0000	0193.3	075.3	53.76
105.0	000.3549	0042.3	009.2	308.9	025.0000	0193.2	075.2	53.80
106.0	000.3440	0043.1	009.3	308.8	025.0000	0193.1	075.1	53.82
107.0	000.3332	0043.5	009.2	308.6	025.0000	0192.9	075.1	53.83
108.0	000.3226	0043.8	009.2	308.5	025.0000	0192.7	075.1	53.82
109.0	000.3122	0044.5	009.2	308.4	025.0000	0192.6	075.0	53.83

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Exhibit 16-B

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110.0	000.3020	0045.6	009.2	308.3	025.0000	0192.4	074.9	53.86
111.0	000.2958	0046.3	009.3	308.2	025.0000	0192.2	074.9	53.88
112.0	000.2897	0046.7	009.3	308.1	025.0000	0192.0	074.8	53.88
113.0	000.2836	0046.5	009.2	307.9	025.0000	0191.8	074.8	53.86
114.0	000.2776	0046.4	009.1	307.8	025.0000	0191.6	074.9	53.84
115.0	000.2717	0046.7	009.1	307.7	025.0000	0191.4	074.9	53.84
116.0	000.2658	0047.7	009.2	307.6	025.0000	0191.2	074.8	53.86
117.0	000.2600	0048.9	009.3	307.5	025.0000	0190.9	074.7	53.89
118.0	000.2543	0050.0	009.3	307.3	025.0000	0190.7	074.6	53.90
119.0	000.2486	0050.7	009.3	307.2	025.0000	0190.4	074.5	53.91
120.0	000.2430	0051.1	009.3	307.1	025.0000	0190.2	074.5	53.90
121.0	000.2430	0051.5	009.4	307.0	025.0000	0189.9	074.5	53.91
122.0	000.2430	0051.9	009.4	306.8	025.0000	0189.7	074.4	53.91
123.0	000.2430	0051.9	009.4	306.7	025.0000	0189.4	074.4	53.91
124.0	000.2430	0051.5	009.4	306.6	025.0000	0189.1	074.4	53.89
125.0	000.2430	0050.6	009.3	306.5	025.0000	0188.9	074.5	53.84
126.0	000.2430	0049.5	009.1	306.3	025.0000	0188.6	074.6	53.80
127.0	000.2430	0048.7	009.1	306.2	025.0000	0188.4	074.7	53.76
128.0	000.2430	0048.7	009.1	306.1	025.0000	0188.1	074.7	53.75
129.0	000.2430	0049.4	009.1	306.0	025.0000	0187.9	074.7	53.76
130.0	000.2430	0050.6	009.3	305.8	025.0000	0187.6	074.6	53.79
131.0	000.2430	0052.3	009.4	305.7	025.0000	0187.3	074.4	53.82
132.0	000.2430	0053.9	009.6	305.6	025.0000	0187.0	074.3	53.85
133.0	000.2430	0054.8	009.7	305.4	025.0000	0186.8	074.2	53.86
134.0	000.2430	0054.9	009.7	305.3	025.0000	0186.6	074.2	53.85
135.0	000.2430	0054.5	009.6	305.2	025.0000	0186.4	074.3	53.82
136.0	000.2430	0054.0	009.6	305.1	025.0000	0186.2	074.4	53.79
137.0	000.2430	0053.5	009.5	304.9	025.0000	0186.0	074.5	53.75
138.0	000.2430	0053.1	009.5	304.8	025.0000	0185.9	074.5	53.72
139.0	000.2430	0053.0	009.5	304.7	025.0000	0185.7	074.6	53.70
140.0	000.2430	0053.3	009.5	304.6	025.0000	0185.5	074.6	53.69
141.0	000.2557	0054.2	009.7	304.4	025.0000	0185.3	074.4	53.73
142.0	000.2688	0055.4	010.0	304.2	025.0000	0185.0	074.3	53.77
143.0	000.2822	0056.4	010.2	304.0	025.0000	0184.8	074.1	53.81
144.0	000.2959	0057.0	010.4	303.9	025.0000	0184.6	074.0	53.83
145.0	000.3100	0057.1	010.5	303.7	025.0000	0184.3	074.0	53.84
146.0	000.3244	0057.2	010.6	303.5	025.0000	0184.1	073.9	53.84
147.0	000.3391	0057.5	010.7	303.4	025.0000	0183.7	073.9	53.85
148.0	000.3541	0058.5	010.9	303.2	025.0000	0183.4	073.8	53.86
149.0	000.3694	0060.3	011.2	302.9	025.0000	0182.9	073.6	53.89
150.0	000.3851	0061.9	011.4	302.7	025.0000	0182.4	073.5	53.91
151.0	000.4053	0062.5	011.6	302.5	025.0000	0181.8	073.4	53.91
152.0	000.4260	0062.1	011.7	302.3	025.0000	0181.3	073.4	53.89
153.0	000.4473	0061.7	011.8	302.1	025.0000	0180.8	073.5	53.86
154.0	000.4690	0061.6	012.0	301.9	025.0000	0180.3	073.5	53.84
155.0	000.4913	0062.1	012.1	301.7	025.0000	0179.6	073.4	53.82
156.0	000.5141	0063.6	012.4	301.5	025.0000	0178.8	073.3	53.81
157.0	000.5374	0066.5	012.8	301.2	025.0000	0177.8	073.2	53.83
158.0	000.5612	0069.9	013.2	300.8	025.0000	0176.9	073.0	53.85
159.0	000.5855	0072.5	013.5	300.5	025.0000	0176.1	072.8	53.86
160.0	000.6104	0073.8	013.8	300.2	025.0000	0175.5	072.8	53.85
161.0	000.6424	0074.5	014.0	300.0	025.0000	0175.0	072.8	53.83
162.0	000.6752	0076.0	014.3	299.7	025.0000	0174.4	072.7	53.83
163.0	000.7089	0078.4	014.7	299.3	025.0000	0173.9	072.6	53.84
164.0	000.7434	0080.7	015.2	298.9	025.0000	0173.3	072.5	53.85
165.0	000.7787	0082.5	015.5	298.6	025.0000	0172.8	072.4	53.85
166.0	000.8148	0083.0	015.8	298.3	025.0000	0172.3	072.5	53.82
167.0	000.8517	0082.3	015.9	298.1	025.0000	0172.0	072.6	53.76
168.0	000.8894	0079.8	015.8	298.0	025.0000	0171.9	072.9	53.67
169.0	000.9280	0076.2	015.6	298.0	025.0000	0171.9	073.2	53.55
170.0	000.9674	0072.6	015.4	298.0	025.0000	0171.9	073.6	53.44
171.0	001.0181	0070.0	015.3	297.9	025.0000	0171.8	073.8	53.35
172.0	001.0702	0068.2	015.3	297.8	025.0000	0171.7	074.0	53.28

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Exhibit 16-B

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173.0	001.1235	0067.3	015.4	297.6	025.0000	0171.6	074.2	53.22
174.0	001.1781	0066.3	015.5	297.4	025.0000	0171.5	074.4	53.15
175.0	001.2341	0065.9	015.6	297.2	025.0000	0171.4	074.5	53.10
176.0	001.2913	0065.8	015.8	297.0	025.0000	0171.4	074.7	53.06
177.0	001.3498	0065.5	016.0	296.8	025.0000	0171.5	074.8	53.01
178.0	001.4097	0064.2	016.0	296.7	025.0000	0171.5	075.1	52.93
179.0	001.4708	0061.8	015.9	296.7	025.0000	0171.6	075.4	52.84
180.0	001.5332	0059.4	015.7	296.6	025.0000	0171.6	075.7	52.74
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Exhibit 16-C

FMCommander Single Allocation Study 10-17-2007

KVLP.P CH 211 A
4.8 kW 374 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

WKSU-FM CH 209 B BLED19980218KB
14.5 kW, 596 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

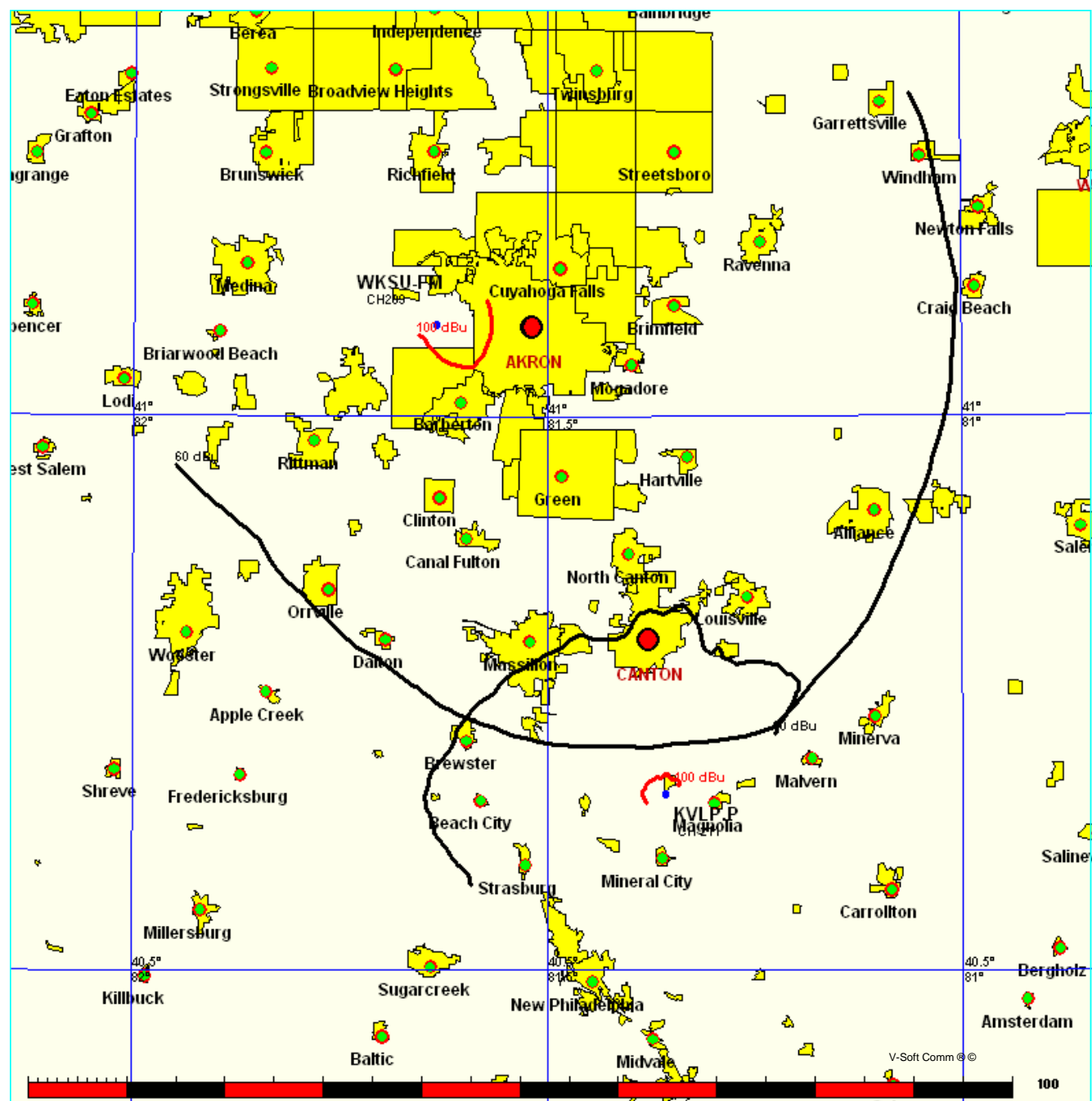
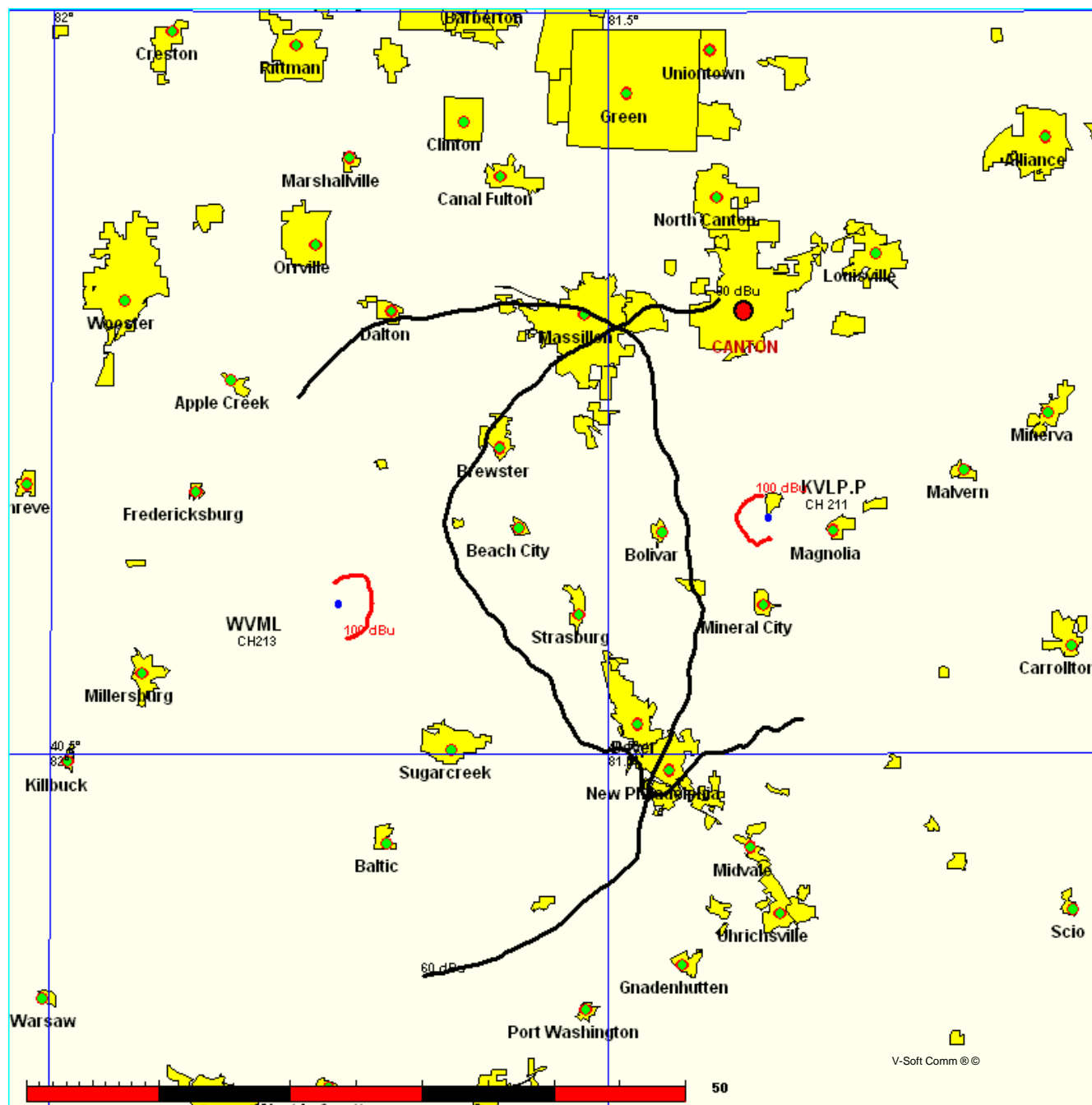


Exhibit 16-D

FMCommander Single Allocation Study
10-17-2007

KVLP.P CH 211 A
4.8 kW 374 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

WVML CH 213 A BLED20040924ADJ
4.8 kW, 450 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu



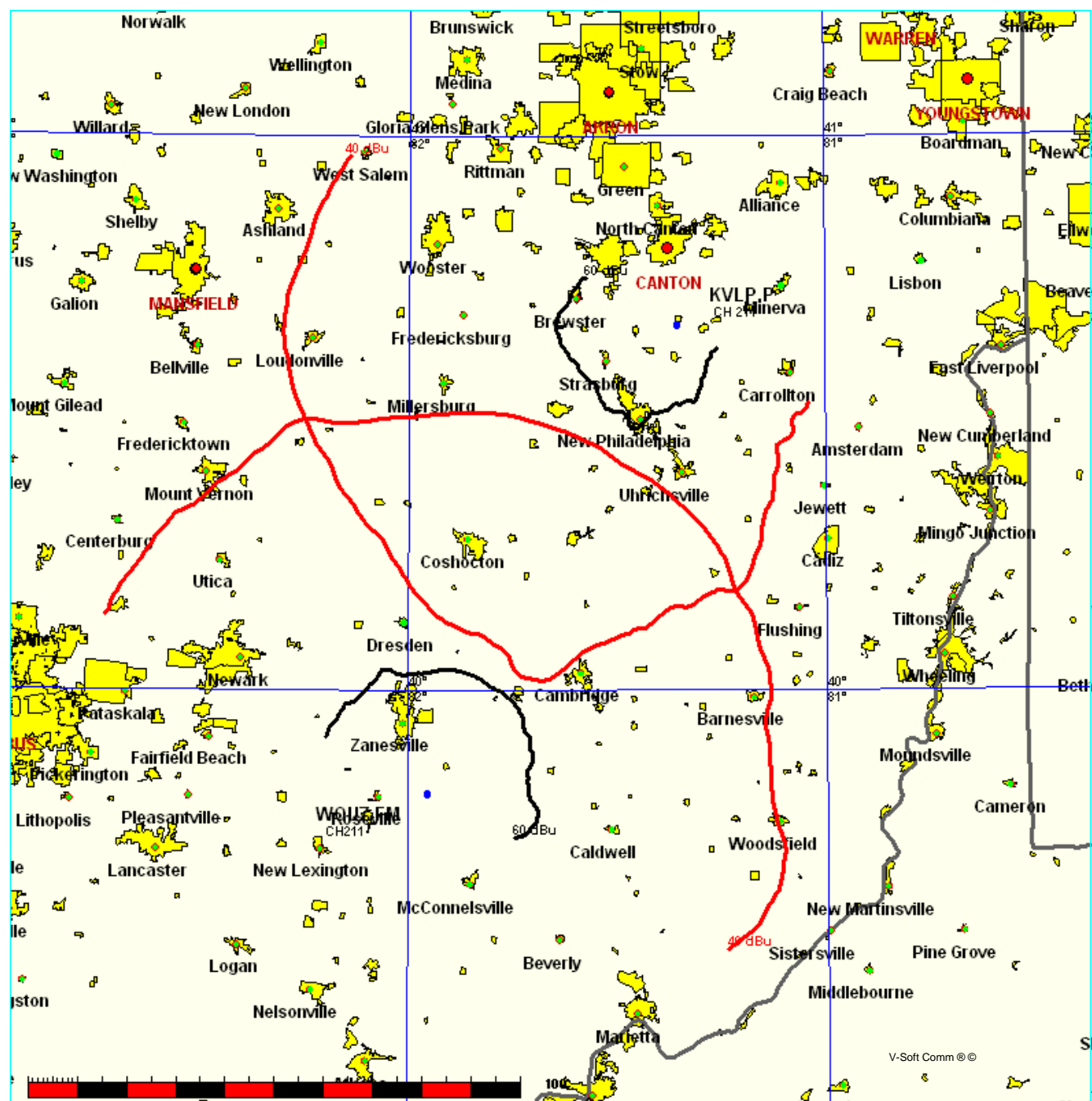


Exhibit 16-F

FMCommander Single Allocation Study 10-17-2007

KVLP.P CH 211 A
4.8 kW 374 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WCPN CH 212 B BLED19961025KA
47.0 kW, 425 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

