

# Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 16

Cherry Hill, NJ

## Channel Study

REFERENCE		CH# 208A - 89.5 MHz, Pwr= 1.9 kW DA, HAAT= 61.0 M, COR= 76 M								DISPLAY DATES	
39 54 43.0 N.		Average Protected F(50-50)= 16.9 km								DATA 03-27-10	
74 59 21.0 W.		Standard Directional								SEARCH 03-29-10	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
06 1	TEST	APR	HN	304.5	26.0	40 02 39.0	48.000	11.8	100.6	196.0R	-86.4M
Test		NS		124.4	BPRM20100223AEJ	75 14 26.0	332	404	Test		
06 C	WPVI-TV	AP	N	304.5	26.0	40 02 39.0	30.200	11.8	95.7	196.0R	-81.5M
Philadelphia		PA		124.4	BLDSTA20090619ABQ	75 14 26.0	332	404	Abc, Inc.		
06 1C	WPVI-TV	AP	HN	304.5	26.0	40 02 39.0	30.200	11.8	95.7	196.0R	-81.5M
Philadelphia		PA		124.4	BPCDT20090617ADQ	75 14 26.0	332	404	Abc, Inc.		
208A	WKVP	LIC	DEN	150.3	6.8	39 51 33.0	2.000	61.6	17.7	-68.1*	-61.8*
Cherry Hill		NJ		330.4	BLED19951120KA	74 57 00.0	55	76	Educational Media Foundati		
06 1C	WPVI-TV	CP	HN	304.5	26.0	40 02 39.0	7.560	11.8	82.1	196.0R	-67.9M
Philadelphia		PA		124.4	BPCDT20080208ADW	75 14 26.0	332	404	Abc, Inc.		
*211B	WRTI	LIC	DEY	303.9	25.4	40 02 21.0	12.500	5.6	55.4	1.6	-31.7*
Philadelphia		PA		123.7	BLED19881223KC	75 14 13.0	308	374	Temple University Of The C		
*211B	WRTI	CP	DCX	304.4	25.6	40 02 29.6	7.700	5.0	54.3	2.4	-30.5*
Philadelphia		PA		124.3	BPED20070824AGY	75 14 11.5	371	435	Temple University Of The C		
207A	WRDV	LIC	DEN	342.9	34.1	40 12 19.0	1.000	21.2	14.2	0.2	1.1
Warminster		PA		162.8	BLED19940920KA	75 06 27.0	36	116	Bux-mont Educational Radio		
**209A	WGLS-FM	LIC	DC	227.7	35.8	39 41 41.0	0.750	26.0	17.6	0.6	5.4
Glassboro		NJ		47.5	BLED20001219AAT	75 17 55.0	149	168	Rowan University		
208B	WSCL	LIC	CN	201.2	149.6	38 39 15.0	33.000	132.5	51.9	6.9	63.0
Salisbury		MD		20.8	BLED19940922KA	75 36 42.0	178	187	Salisbury University Found		
205B1	WBZC	LIC	DEX	101.3	38.8	39 50 34.0	10.000	2.7	26.8	19.3	10.3
Pemberton		NJ		281.6	BLED20060724ADI	74 32 40.0	67	96	Burlington County College		
209B1	WRDR	CP	DEX	70.5	55.4	40 04 34.0	9.500	26.9	18.3	11.0	11.3
Freehold Township		NJ		250.9	BPED20080606AAU	74 22 37.0	52	85	Bridgelight, L.l.c.		
262B	WPHI-FM	LIC	ZCX	304.2	26.1	40 02 36.0	17.000	6.9	33.0	15.0R	11.1M
Media		PA		124.0	BLH20030424ABN	75 14 33.0	263	329	Radio One Licenses, Llc		
209B1	WDVR	LIC	DE	2.2	66.5	40 30 36.0	3.800	39.7	26.3	11.3	17.1
Delaware Township		NJ		182.2	BLED20090330ABU	74 57 34.0	221	221	Penn-jersey Educational Ra		
206A	WXVU	LIC	DVN	294.5	32.6	40 01 58.0	0.100	0.2	5.1	14.0	25.7
Villanova		PA		114.2	BLED19970211KA	75 20 15.0	85	162	Villanova University		
207A	WNJB-FM	LIC	E	196.1	52.3	39 27 35.0	2.500	26.7	18.2	14.9	19.0
Bridgeton		NJ		16.0	BLED19970219KF	75 09 28.0	67	90	New Jersey Public Broadcas		
208B	WITF-FM	LIC	CX	287.4	167.3	40 20 44.0	5.900	131.3	54.3	17.4	49.7
Harrisburg		PA		106.2	BMLEDD20040130ADW	76 52 07.0	415	599	Witf, Inc.		
206A	WYBF	LIC	DVN	296.1	36.6	40 03 22.0	0.700	0.5	7.0	17.7	27.8
Radnor Township		PA		115.9	BLED19910422KC	75 22 30.0	68	151	Cabrini College		
208A	WSOU	LIC	CX	34.1	111.7	40 44 28.0	2.400	75.7	24.8	19.1	27.0
South Orange		NJ		214.6	BMLEDD20050909ABX	74 14 42.0	95	149	Seton Hall University		
209A	WNJN-FM	LIC	DEN	152.5	56.4	39 27 40.0	6.000	15.3	10.8	27.8	26.0
Atlantic City		NJ		332.7	BLED19960821KC	74 41 06.0	84	95	New Jersey Public Broadcas		
207A	WRTJ	LIC	EX	280.3	71.5	40 01 26.0	0.460	25.9	17.5	26.9	26.5
Coatesville		PA		99.8	BLED20091005ACK	75 48 48.0	88	247	Temple University Of The C		
206A	WWFM	LIC	CX	36.8	48.1	40 15 30.0	1.150	1.7	19.2	29.5	27.2
Trenton		NJ		217.0	BLED20021031ABW	74 38 59.0	89	118	Mercer County Community Co		
209A	WRDR	LIC	DVX	63.7	70.1	40 11 19.0	5.000	23.1	15.5	29.5	28.8
Freehold Township		NJ		244.2	BMLEDD20041222DTP	74 15 01.0	27	64	Bridgelight, L.l.c.		
207A	WSFS	APP	DVX	60.0	81.3	40 16 26.6	3.800	25.6	17.4	37.9	37.8

Freehold	NJ	240.5	BMPED20100318AKW	74	09	39.5	50	78	Domestic Church Media Foun			
209A WVBM	CP	DVX	288.0	79.7	40	07	45.0	0.025	14.0	10.0	47.1	42.4
Morgantown	PA	107.4	BPED19980512MI	75	52	43.0	162	349	Four Rivers Community Broa			
205B1 WBYO	CP	DEX	329.8	60.8	40	23	02.0	4.500	1.0	15.7	45.1	43.4
Sellersville	PA	149.5	BPED20070807AAD	75	21	02.0	127	272	Four Rivers Community Broa			
205A WBYO	LIC	DVN	329.8	60.8	40	23	02.0	0.900	1.0	15.2	45.2	44.0
Sellersville	PA	149.5	BLED19950531KB	75	21	02.0	133	274	Four Rivers Community Broa			
207A WSFS	CP	DVX	60.0	81.3	40	16	26.6	3.800	15.7	11.0	47.8	44.2
Freehold	NJ	240.5	BNPED20071022BVB	74	09	39.5	50	78	Domestic Church Media Foun			
208A WWPJ	LIC	DEX	348.0	110.4	40	53	01.0	0.100	49.9	14.8	47.6	50.5
Pen Argyl	PA	167.8	BLED20011113ACH	75	15	43.0	333	557	Mercer County Community Co			
206A WXHL-FM	LIC	DEN	245.8	63.3	39	40	38.0	1.200	1.6	11.5	49.9	50.5
Christiana	DE	65.4	BLED19940718KA	75	39	47.0	20	50	Priority Radio, Inc.			
207A WJCS	LIC	DEX	332.3	82.0	40	33	52.0	0.120	14.3	10.3	53.4	50.4
Allentown	PA	152.0	BLED20090824AGH	75	26	25.0	279	432	Beacon Broadcasting Corpor			
210A WNJM	LIC	E	109.9	68.8	39	41	57.0	0.200	1.0	9.9	51.1	57.2
Manahawkin	NJ	290.4	BLED19990803KC	74	14	05.0	79	88	New Jersey Public Broadcas			
210A WJPH	LIC	DCX	170.5	71.0	39	16	51.0	1.000	1.6	9.4	56.7	60.0
Woodbine	NJ	350.6	BLED20050418AAK	74	51	11.0	32	38	Maranatha Ministries			
210A WOEL-FM	LIC	CN	244.9	82.9	39	35	35.0	3.000	2.2	23.8	69.0	57.8
Elkton	MD	64.3	BLED19821227AJ	75	51	49.0	79	122	Maranatha Bible Institute,			
261A WJRZ-FM	LIC	CX	100.4	68.5	39	47	54.0	1.700	6.9	33.0	10.0R	58.5M
Manahawkin	NJ	280.9	BMLH20070910ACP	74	12	10.0	133	149	Jersey Shore Broadcasting			
205A WAJM	LIC	DVN	143.9	75.1	39	21	54.0	0.150	0.2	2.7	60.6	70.7
Atlantic City	NJ	324.3	BLED19961212KB	74	28	31.0	31	34	Atlantic City Board Of Edu			
207A WNJY	LIC	DEX	12.7	111.1	40	53	14.0	0.520	28.6	19.4	65.7	66.9
Netcong	NJ	192.9	BLED20080707AEO	74	41	55.0	131	385	New Jersey Public Broadcas			
06-T WNYZ-LP	LI	D N	43.3	128.4	40	44	50.0	3.000	11.3	2.5	196.0R	114.7M
New York	NY	224.0	BLTVL20080128ACC	73	56	38.0	213	213	Island Broadcasting Co.			

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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.

\*Note: WRTI has previously accepted incoming interference from WKVP.

\*\*Educational Media Foundation (“EMF”) wishes to use a directional pattern toward WGLS-FM. By drawing lines from the proposed facility to the protected contour of WGLS-FM, the critical arcs between the two facilities were determined to be 190° to 260° (see Exhibit 16-B2). The pattern for the proposed facility complies with the 2db per 10 degree rule within this critical arc area (see Exhibit 16-B3).

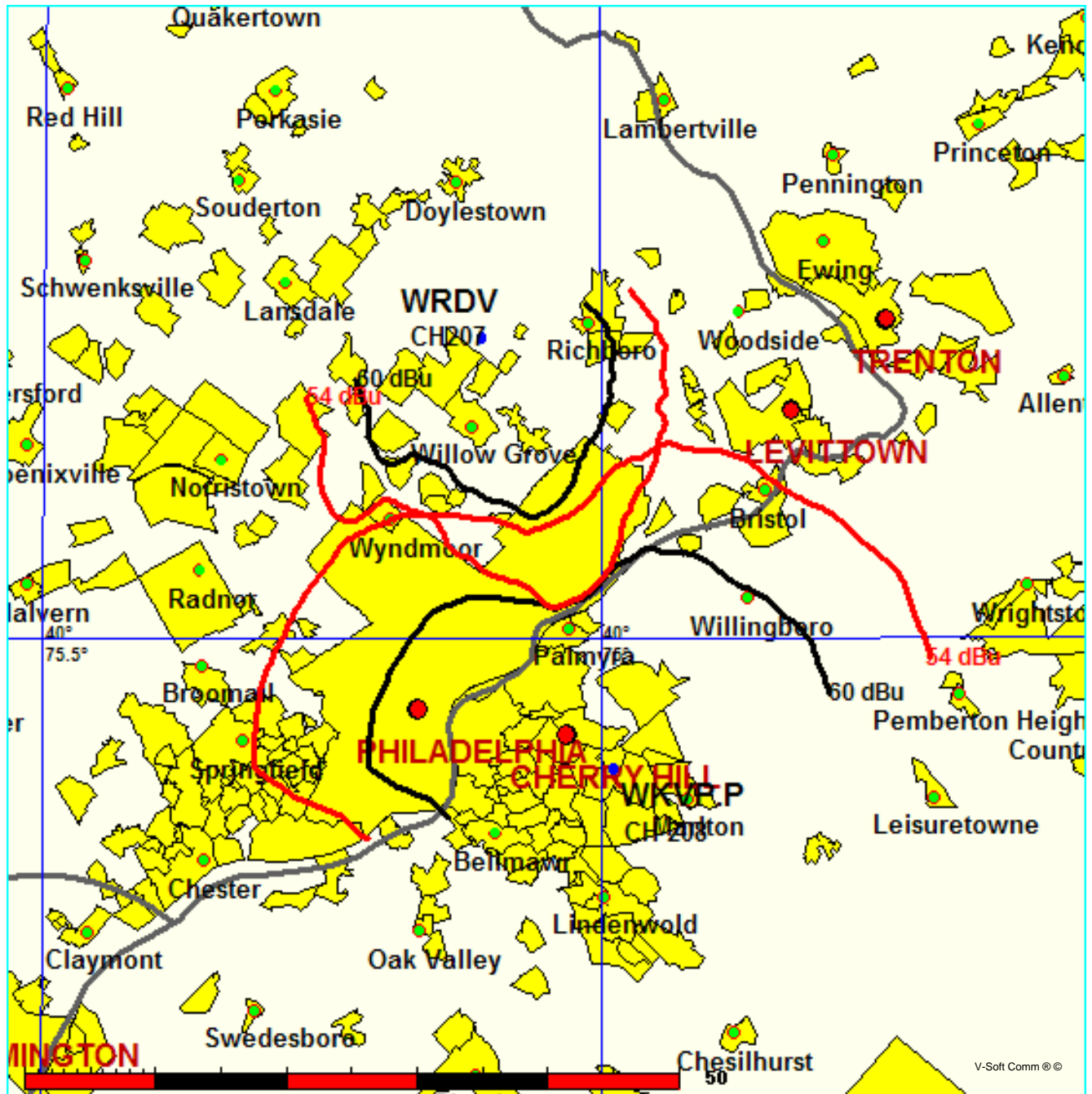
This method is nearly identical to the application granted to Educational Media Foundation, BMPED-20061031AAY.

Exhibit 16-A

FMCommander Single Allocation Study - 03-29-2010 - NGDC 30 SEC  
WKVP.P's Overlaps (In= 0.08 km, Out= 0.95 km)

WKVP.P CH 208 A DA  
Lat= 39 54 43.0, Lng= 74 59 21.0  
1.9 kW 61 M HAAT, 76 M COR  
Prot.= 60 dBu, Intef.= 54 dBu

WRDV CH 207 A DA BLED19940920KA  
Lat= 40 12 19.0, Lng= 75 06 27.0  
1.0 kW 36 M HAAT, 116 M COR  
Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 16-A1

Cherry Hill, NJ

## WRDV vs. WKVP.P

03-29-2010

NGDC 30 SEC Terrain Data

FMOver Analysis

WKVP.P

Channel = 208A

Max ERP = 1.9 kW

RCAMSL = 76 M

N. Lat. 39 54 43.0

W. Lng. 74 59 21.0

Protected

60 dBu

WRDV BLED19940920KA

Channel = 207A

Max ERP = 1 kW

RCAMSL = 116 M

N. Lat. 40 12 19.0

W. Lng. 75 06 27.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
325.0	001.2264	0066.8	015.7	176.9	001.0000	0045.6	019.7	52.68	
326.0	001.1708	0066.7	015.5	175.9	001.0000	0045.9	019.8	52.73	
327.0	001.1165	0066.6	015.3	174.9	001.0000	0046.4	019.8	52.77	
328.0	001.0635	0066.3	015.1	173.9	001.0000	0046.9	019.9	52.81	
329.0	001.0118	0065.9	014.8	173.0	001.0000	0047.3	020.0	52.80	
330.0	000.9614	0065.5	014.6	172.0	001.0000	0047.7	020.1	52.80	
331.0	000.9222	0065.4	014.4	171.2	001.0000	0048.4	020.2	52.89	
332.0	000.8839	0065.5	014.3	170.4	001.0000	0049.1	020.2	52.98	
333.0	000.8464	0065.5	014.1	169.6	001.0000	0049.9	020.3	53.07	
334.0	000.8097	0065.4	014.0	168.8	001.0000	0050.9	020.4	53.18	
335.0	000.7738	0065.1	013.8	168.0	001.0000	0052.4	020.5	53.36	
336.0	000.7387	0064.6	013.6	167.3	001.0000	0054.5	020.7	53.59	
337.0	000.7044	0064.0	013.4	166.5	001.0000	0056.8	020.8	53.82	
338.0	000.6710	0063.5	013.2	165.8	001.0000	0058.5	021.0	53.93	
339.0	000.6384	0063.0	013.0	165.2	001.0000	0059.5	021.2	53.94	
340.0	000.6065	0062.5	012.8	164.5	001.0000	0060.1	021.3	53.88	
341.0	000.6156	0062.0	012.8	163.9	001.0000	0060.3	021.3	53.91	
342.0	000.6247	0061.6	012.8	163.3	001.0000	0060.3	021.3	53.93	
343.0	000.6339	0061.3	012.8	162.7	001.0000	0060.2	021.3	53.93	
344.0	000.6431	0061.0	012.8	162.1	001.0000	0060.1	021.3	53.93	
345.0	000.6524	0060.9	012.9	161.5	001.0000	0059.9	021.2	53.93	
346.0	000.6618	0060.9	012.9	160.9	001.0000	0059.8	021.2	53.93	
347.0	000.6713	0061.0	013.0	160.3	001.0000	0059.6	021.2	53.93	
348.0	000.6808	0060.9	013.0	159.6	001.0000	0059.5	021.2	53.91	
349.0	000.6904	0060.5	013.0	159.0	001.0000	0059.3	021.2	53.86	
350.0	000.7000	0059.9	013.0	158.4	001.0000	0059.1	021.3	53.80	
351.0	000.7367	0059.3	013.1	157.8	001.0000	0059.0	021.2	53.82	
352.0	000.7744	0058.9	013.2	157.1	001.0000	0058.8	021.2	53.84	
353.0	000.8130	0058.8	013.4	156.4	001.0000	0058.5	021.1	53.86	
354.0	000.8525	0059.0	013.5	155.6	001.0000	0058.1	021.0	53.87	
355.0	000.8930	0059.1	013.7	154.9	001.0000	0057.6	020.9	53.86	
356.0	000.9344	0059.7	013.9	154.1	001.0000	0057.0	020.8	53.86	
357.0	000.9768	0061.1	014.2	153.1	001.0000	0056.1	020.6	53.88	
358.0	001.0201	0062.9	014.5	152.1	001.0000	0055.2	020.4	53.88	
359.0	001.0643	0064.4	014.9	151.0	001.0000	0054.2	020.3	53.87	
000.0	001.1095	0064.6	015.0	150.2	001.0000	0053.5	020.2	53.77	
001.0	001.1618	0064.8	015.2	149.2	000.9797	0052.9	020.2	53.61	
002.0	001.2166	0064.9	015.4	148.3	000.9555	0052.4	020.2	53.44	
003.0	001.2739	0064.5	015.6	147.4	000.9337	0051.9	020.2	53.23	
004.0	001.3339	0063.8	015.7	146.6	000.9135	0051.4	020.3	52.98	
005.0	001.3968	0063.2	015.8	145.8	000.8931	0050.8	020.3	52.71	

# Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 16-A1

Cherry Hill, NJ

## WKVP.P vs. WRDV

03-29-2010 NGDC 30 SEC Terrain Data

WRDV BLED19940920KA

Channel = 207A

Max ERP = 1 kW

RCAMSL = 116 M

N. Lat. 40 12 19.0

W. Lng. 75 06 27.0

Protected

60 dBu

WKVP.P

Channel = 208A

Max ERP = 1.9 kW

RCAMSL = 76 M

N. Lat. 39 54 43.0

W. Lng. 74 59 21.0

Interfering

54 dBu

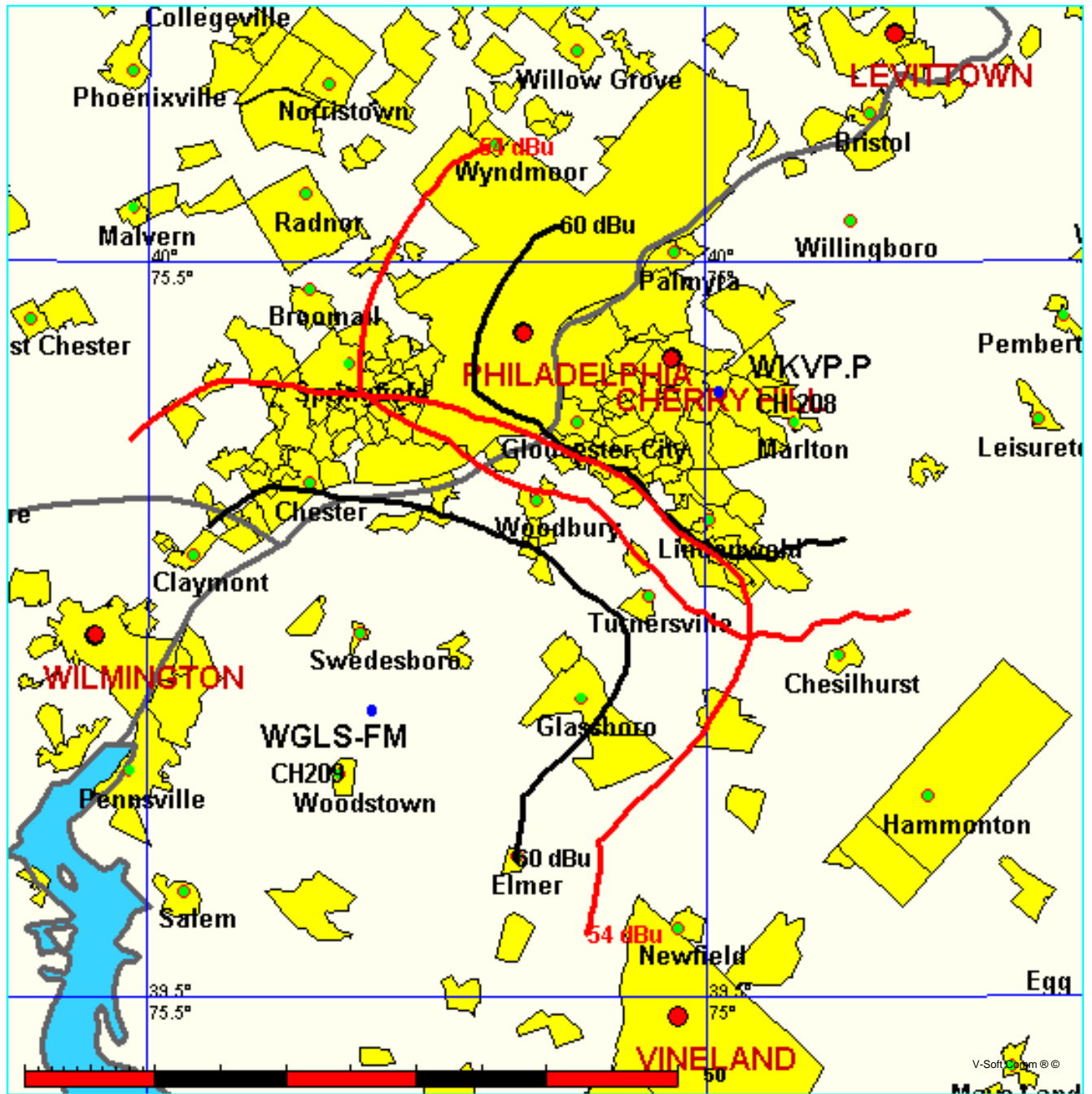
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
150.0	001.0000	0053.4	013.4	350.8	000.7302	0059.4	021.2	52.49	
151.0	001.0000	0054.2	013.5	350.3	000.7115	0059.7	021.1	52.56	
152.0	001.0000	0055.1	013.6	349.8	000.6981	0060.0	020.9	52.66	
153.0	001.0000	0056.0	013.7	349.3	000.6929	0060.4	020.7	52.82	
154.0	001.0000	0056.9	013.8	348.7	000.6875	0060.7	020.5	52.96	
155.0	001.0000	0057.7	013.9	348.1	000.6818	0060.9	020.4	53.07	
156.0	001.0000	0058.3	014.0	347.5	000.6758	0061.0	020.3	53.14	
157.0	001.0000	0058.7	014.0	346.8	000.6697	0061.0	020.2	53.18	
158.0	001.0000	0059.0	014.1	346.2	000.6633	0060.9	020.1	53.18	
159.0	001.0000	0059.3	014.1	345.5	000.6569	0060.9	020.1	53.18	
160.0	001.0000	0059.6	014.1	344.8	000.6505	0060.9	020.0	53.19	
161.0	001.0000	0059.8	014.1	344.1	000.6440	0061.0	020.0	53.19	
162.0	001.0000	0060.0	014.2	343.4	000.6375	0061.2	019.9	53.20	
163.0	001.0000	0060.3	014.2	342.7	000.6309	0061.4	019.9	53.20	
164.0	001.0000	0060.2	014.2	342.0	000.6244	0061.6	019.9	53.18	
165.0	001.0000	0059.7	014.1	341.3	000.6181	0061.9	020.0	53.11	
166.0	001.0000	0058.1	014.0	340.6	000.6121	0062.2	020.2	52.95	
167.0	001.0000	0055.4	013.6	340.0	000.6069	0062.5	020.5	52.67	
168.0	001.0000	0052.5	013.3	339.5	000.6212	0062.7	020.9	52.49	
169.0	001.0000	0050.6	013.1	339.0	000.6374	0063.0	021.2	52.41	
170.0	001.0000	0049.5	012.9	338.5	000.6543	0063.2	021.4	52.40	

Exhibit 16-B

FMCommander Single Allocation Study - 03-29-2010 - NGDC 30 SEC  
 WKVP.P's Overlaps (In= 0.6 km, Out= 5.41 km)

WKVP.P CH 208 A DA  
 Lat= 39 54 43.0, Lng= 74 59 21.0  
 1.9 kW 61 M HAAT, 76 M COR  
 Prot.= 60 dBu, Intef.= 54 dBu

WGLS-FM CH 209 A DA BLED20001219AAT  
 Lat= 39 41 41.0, Lng= 75 17 55.0  
 0.75 kW 149 M HAAT, 168 M COR  
 Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 16-B1

Cherry Hill, NJ

## WGLS vs. WKVP.P

03-29-2010

NGDC 30 SEC Terrain Data

FMOver Analysis

WKVP.P

Channel = 208A

Max ERP = 1.9 kW

RCAMSL = 76 M

N. Lat. 39 54 43.0

W. Lng. 74 59 21.0

Protected

60 dBu

WGLS-FM BLED20001219AAT

Channel = 209A

Max ERP = 0.75 kW

RCAMSL = 168 M

N. Lat. 39 41 41.0

W. Lng. 75 17 55.0

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)
168.0	001.3612	0042.1	012.8	068.1	000.6969	0138.0	031.4	52.86	
169.0	001.2999	0042.5	012.7	067.9	000.6912	0138.0	031.2	52.93	
170.0	001.2414	0043.3	012.7	067.8	000.6878	0138.0	031.0	53.03	
171.0	001.1855	0044.3	012.7	067.7	000.6859	0138.0	030.8	53.14	
172.0	001.1322	0045.6	012.7	067.7	000.6851	0138.0	030.5	53.25	
173.0	001.0812	0046.5	012.7	067.6	000.6816	0138.0	030.3	53.35	
174.0	001.0325	0047.2	012.7	067.4	000.6768	0138.0	030.1	53.44	
175.0	000.9861	0047.8	012.6	067.2	000.6702	0138.0	029.9	53.51	
176.0	000.9417	0047.9	012.5	066.8	000.6609	0138.0	029.8	53.54	
177.0	000.8993	0048.1	012.4	066.5	000.6513	0138.0	029.6	53.58	
178.0	000.8588	0048.1	012.3	066.1	000.6412	0138.0	029.4	53.60	
179.0	000.8202	0048.3	012.2	065.7	000.6318	0138.0	029.3	53.63	
180.0	000.7833	0048.5	012.1	065.4	000.6222	0138.0	029.1	53.65	
181.0	000.7480	0048.7	012.0	065.0	000.6128	0138.0	029.0	53.67	
182.0	000.7143	0048.7	011.8	064.6	000.6021	0138.0	028.9	53.68	
183.0	000.6822	0048.5	011.7	064.1	000.5902	0138.0	028.8	53.66	
184.0	000.6515	0048.7	011.6	063.7	000.5807	0138.0	028.6	53.66	
185.0	000.6222	0049.8	011.6	063.6	000.5759	0138.0	028.4	53.74	
186.0	000.5942	0051.1	011.6	063.4	000.5714	0138.0	028.3	53.82	
187.0	000.5674	0051.8	011.6	063.1	000.5638	0138.0	028.1	53.85	
188.0	000.5419	0052.0	011.4	062.7	000.5537	0138.0	028.0	53.84	
189.0	000.5175	0052.1	011.3	062.2	000.5432	0138.0	027.9	53.82	
190.0	000.4942	0052.0	011.2	061.8	000.5320	0138.0	027.8	53.77	
191.0	000.4720	0052.0	011.1	061.3	000.5211	0138.0	027.8	53.73	
192.0	000.4540	0052.2	011.0	060.9	000.5119	0138.0	027.7	53.72	
193.0	000.4363	0052.5	010.9	060.6	000.5030	0138.0	027.6	53.70	
194.0	000.4190	0052.8	010.9	060.2	000.4939	0138.0	027.5	53.68	
195.0	000.4020	0053.0	010.8	059.8	000.4886	0138.0	027.4	53.68	
196.0	000.3854	0053.1	010.7	059.3	000.4866	0138.0	027.4	53.70	
197.0	000.3692	0053.2	010.6	058.9	000.4847	0138.0	027.3	53.72	
198.0	000.3533	0053.5	010.5	058.5	000.4828	0138.0	027.2	53.74	
199.0	000.3377	0053.7	010.4	058.1	000.4809	0138.0	027.2	53.75	
200.0	000.3225	0054.0	010.3	057.7	000.4790	0138.0	027.2	53.76	
201.0	000.3158	0054.3	010.3	057.3	000.4775	0138.0	027.1	53.81	
202.0	000.3092	0054.5	010.2	057.0	000.4759	0138.0	027.0	53.85	
203.0	000.3026	0054.7	010.2	056.6	000.4743	0138.0	026.9	53.88	
204.0	000.2961	0054.8	010.2	056.3	000.4726	0138.0	026.9	53.90	
205.0	000.2897	0054.9	010.1	055.9	000.4709	0138.0	026.8	53.92	
206.0	000.2834	0054.8	010.0	055.5	000.4691	0138.0	026.8	53.92	
207.0	000.2771	0054.5	010.0	055.1	000.4673	0138.0	026.8	53.92	
208.0	000.2709	0054.3	009.9	054.7	000.4655	0138.0	026.7	53.91	
209.0	000.2648	0054.1	009.8	054.3	000.4637	0138.0	026.7	53.90	
210.0	000.2587	0054.0	009.7	053.9	000.4619	0138.1	026.7	53.90	

# Educational Media Foundation

Exhibit 16-B1

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Cherry Hill, NJ

211.0	000.2522	0054.0	009.7	053.5	000.4602	0138.1	026.7	53.89
212.0	000.2457	0054.1	009.6	053.1	000.4585	0138.2	026.7	53.88
213.0	000.2393	0054.1	009.6	052.7	000.4568	0138.3	026.7	53.87
214.0	000.2330	0054.0	009.5	052.3	000.4550	0138.4	026.7	53.85
215.0	000.2268	0053.9	009.4	052.0	000.4533	0138.5	026.7	53.83
216.0	000.2207	0053.8	009.3	051.6	000.4517	0138.6	026.8	53.81
217.0	000.2146	0053.9	009.3	051.2	000.4500	0138.7	026.8	53.79
218.0	000.2087	0054.1	009.2	050.9	000.4484	0138.8	026.8	53.78
219.0	000.2028	0054.4	009.2	050.5	000.4469	0139.0	026.8	53.76
220.0	000.1970	0054.7	009.2	050.1	000.4453	0139.0	026.8	53.75
221.0	000.1955	0055.0	009.2	049.8	000.4425	0139.1	026.8	53.74
222.0	000.1941	0055.1	009.2	049.5	000.4386	0139.2	026.7	53.72
223.0	000.1926	0055.3	009.1	049.1	000.4347	0139.2	026.7	53.70
224.0	000.1912	0055.5	009.1	048.8	000.4308	0139.3	026.7	53.67
225.0	000.1897	0055.8	009.2	048.4	000.4269	0139.3	026.7	53.65
226.0	000.1883	0056.2	009.2	048.1	000.4231	0139.3	026.7	53.63
227.0	000.1869	0056.6	009.2	047.8	000.4192	0139.4	026.7	53.60
228.0	000.1854	0057.1	009.2	047.4	000.4154	0139.5	026.6	53.59
229.0	000.1840	0057.7	009.2	047.1	000.4115	0139.6	026.6	53.57
230.0	000.1826	0058.4	009.3	046.7	000.4076	0139.7	026.6	53.56
231.0	000.1900	0059.2	009.4	046.3	000.4035	0139.8	026.4	53.62
232.0	000.1975	0060.1	009.6	046.0	000.3992	0140.0	026.3	53.69
233.0	000.2052	0061.1	009.8	045.5	000.3947	0140.3	026.1	53.75
234.0	000.2130	0062.1	009.9	045.1	000.3901	0140.5	026.0	53.81
235.0	000.2210	0063.0	010.1	044.7	000.3847	0140.9	025.9	53.86
236.0	000.2291	0063.9	010.2	044.2	000.3790	0141.2	025.8	53.89
237.0	000.2374	0064.6	010.4	043.8	000.3731	0141.5	025.7	53.92
238.0	000.2458	0065.2	010.5	043.3	000.3672	0141.8	025.6	53.93
239.0	000.2543	0065.8	010.6	042.8	000.3612	0142.1	025.5	53.93
240.0	000.2630	0066.5	010.8	042.3	000.3551	0142.3	025.4	53.93
241.0	000.2768	0067.3	011.0	041.8	000.3485	0142.5	025.3	53.94
242.0	000.2910	0068.0	011.2	041.3	000.3417	0142.6	025.2	53.93
243.0	000.3055	0068.7	011.3	040.7	000.3349	0142.7	025.1	53.92
244.0	000.3203	0069.3	011.5	040.1	000.3281	0142.7	025.0	53.88
245.0	000.3355	0070.0	011.7	039.5	000.3246	0142.6	024.9	53.89
246.0	000.3511	0070.6	011.9	038.9	000.3219	0142.6	024.9	53.90
247.0	000.3670	0071.1	012.0	038.3	000.3193	0142.5	024.8	53.89
248.0	000.3833	0071.6	012.2	037.7	000.3167	0142.5	024.8	53.88
249.0	000.3999	0071.8	012.3	037.1	000.3141	0142.4	024.8	53.84
250.0	000.4169	0072.0	012.5	036.5	000.3115	0142.3	024.8	53.80
251.0	000.4387	0072.2	012.6	035.9	000.3087	0142.2	024.8	53.77
252.0	000.4612	0072.4	012.8	035.3	000.3060	0142.2	024.8	53.73
253.0	000.4841	0072.6	012.9	034.6	000.3032	0142.2	024.8	53.68
254.0	000.5077	0072.7	013.1	034.0	000.3005	0142.2	024.8	53.64
255.0	000.5318	0072.9	013.3	033.3	000.2977	0142.4	024.8	53.59
256.0	000.5565	0073.0	013.4	032.7	000.2950	0142.7	024.8	53.54
257.0	000.5817	0073.1	013.6	032.1	000.2924	0143.0	024.9	53.48
258.0	000.6075	0073.1	013.7	031.5	000.2898	0143.4	025.0	53.42
259.0	000.6338	0073.1	013.9	030.9	000.2872	0143.8	025.1	53.35
260.0	000.6607	0073.1	014.0	030.3	000.2847	0144.1	025.1	53.26
261.0	000.7558	0073.1	014.5	029.1	000.2785	0144.7	025.0	53.28
262.0	000.8574	0073.2	014.9	027.8	000.2718	0145.5	025.0	53.29
263.0	000.9653	0073.3	015.4	026.6	000.2650	0146.4	024.9	53.28
264.0	001.0796	0073.4	015.9	025.3	000.2581	0147.5	024.9	53.26
265.0	001.2004	0073.5	016.4	023.9	000.2512	0148.7	024.8	53.23
266.0	001.3275	0073.5	016.9	022.7	000.2445	0149.7	024.9	53.15
267.0	001.4610	0073.6	017.4	021.4	000.2381	0150.3	024.9	53.02
268.0	001.6010	0073.7	017.8	020.2	000.2320	0150.9	025.1	52.88
269.0	001.7473	0073.8	018.3	019.0	000.2310	0151.8	025.2	52.82
270.0	001.9000	0073.9	018.7	017.9	000.2310	0152.6	025.4	52.75

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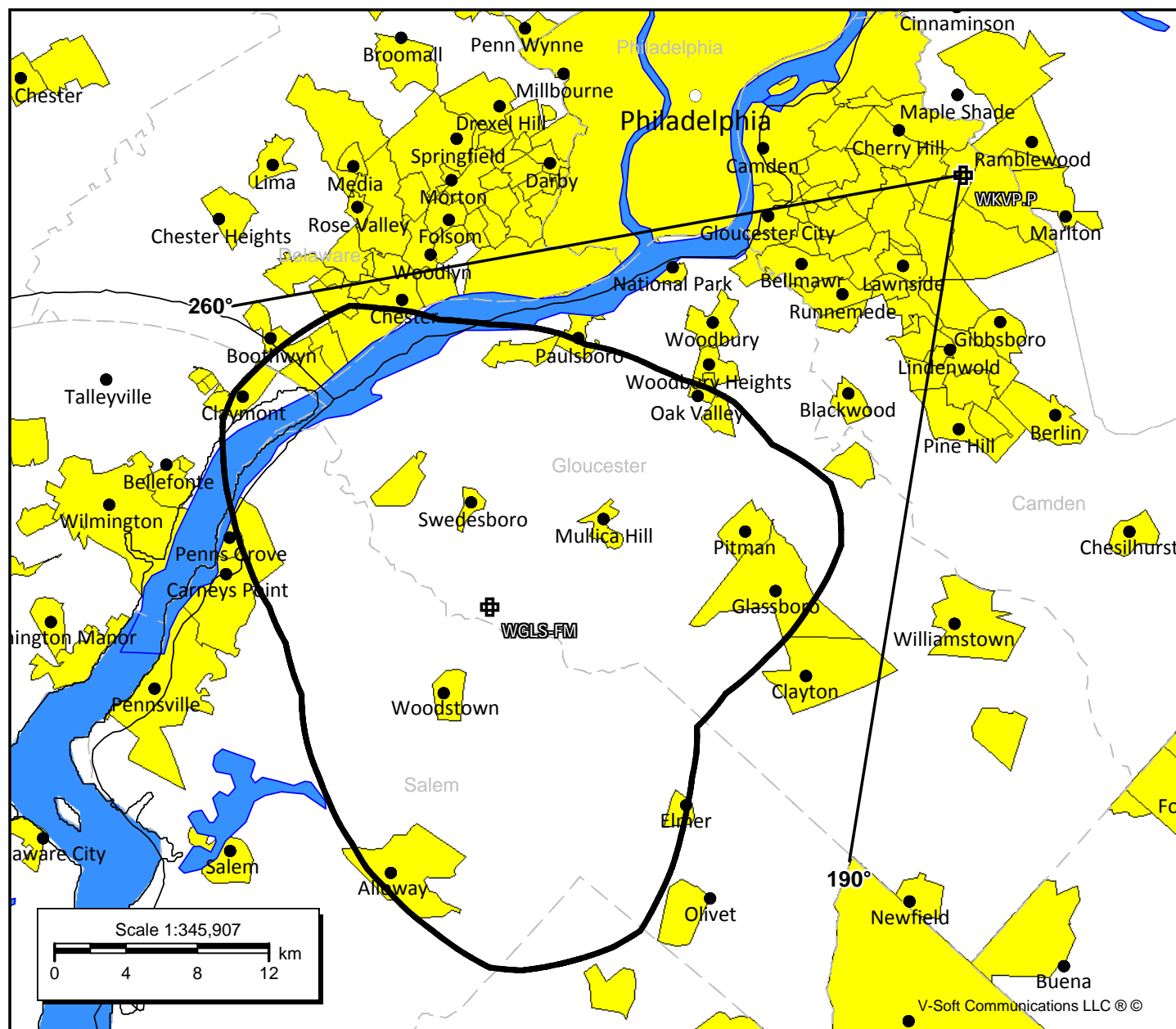
## Exhibit 16-B2

### WKVP.P

Latitude: 39-54-43 N  
 Longitude: 074-59-21 W  
 ERP: 1.90 kW  
 Channel: 208  
 Frequency: 89.5 MHz  
 AMSL Height: 76.0 m  
 Elevation: 16.0 m  
 Horiz. Pattern: Directional  
 Vert. Pattern: No

### WGLS-FM

BLED20001219AAT  
 Latitude: 39-41-41 N  
 Longitude: 075-17-55 W  
 ERP: 0.75 kW  
 Channel: 209  
 Frequency: 89.7 MHz  
 AMSL Height: 168.0 m  
 Elevation: 25.0 m  
 Horiz. Pattern: Directional  
 Vert. Pattern: No



WKVP. P

03-29-2010

RMS(V)= .849

Graph is Relative Field

Azi	Field	dBk	kW
000	0.764	00.451	1.110
010	0.962	02.451	1.758
020	1.000	02.788	1.900
030	1.000	02.788	1.900
040	1.000	02.788	1.900
050	1.000	02.788	1.900
060	1.000	02.788	1.900
070	1.000	02.788	1.900
080	1.000	02.788	1.900
090	1.000	02.788	1.900
100	1.000	02.788	1.900
110	1.000	02.788	1.900
120	1.000	02.788	1.900
130	1.000	02.788	1.900
140	1.000	02.788	1.900
150	1.000	02.788	1.900
160	1.000	02.788	1.900
170	0.808	00.939	1.241
180	0.642	-01.061	0.783
190	0.510	-03.061	0.494
200	0.412	-04.915	0.323
210	0.369	-05.872	0.259
220	0.322	-07.055	0.197
230	0.310	-07.385	0.183
240	0.372	-05.800	0.263
250	0.468	-03.800	0.417
260	0.590	-01.800	0.661
270	1.000	02.788	1.900
280	1.000	02.788	1.900
290	1.000	02.788	1.900
300	1.000	02.788	1.900
310	1.000	02.788	1.900
320	0.896	01.829	1.524
330	0.711	-00.171	0.961
340	0.565	-02.171	0.607
350	0.581	-01.929	0.641

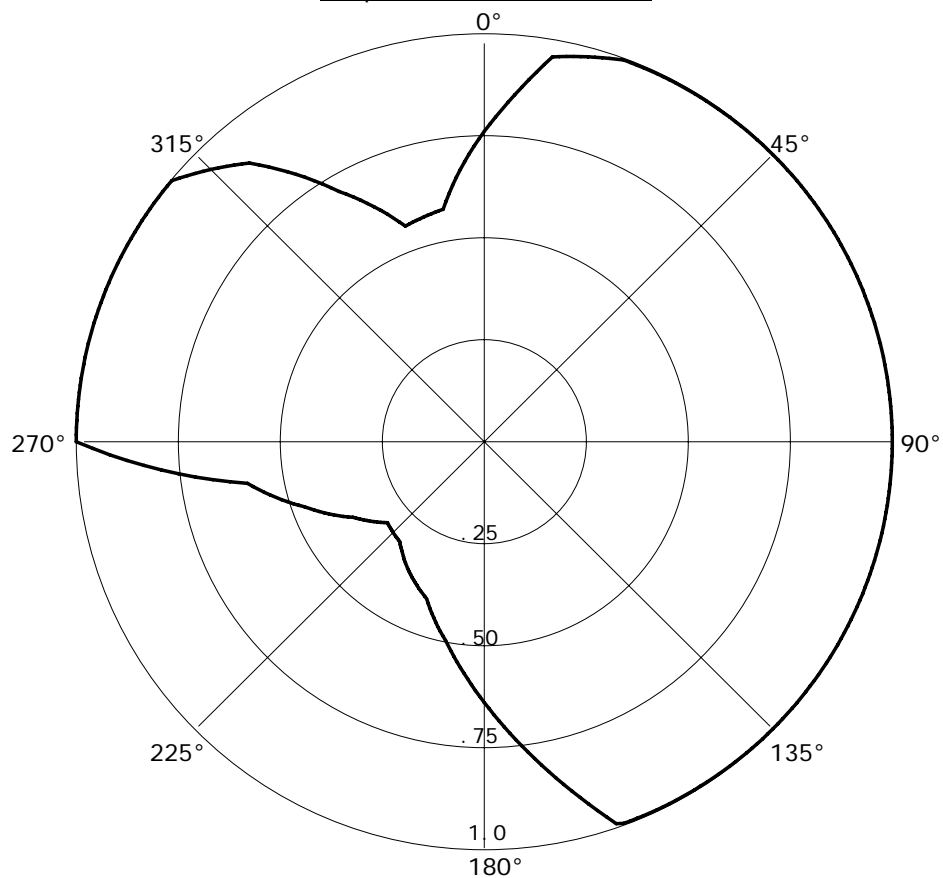


Exhibit 16-C

FMCommander Single Allocation Study - 03-29-2010 - NGDC 30 SEC  
WKVP.P's Overlaps (In= 6.89 km, Out= 63.02 km)

WKVP.P CH 208 A DA  
Lat= 39 54 43.0, Lng= 74 59 21.0  
1.9 kW 61 M HAAT, 76 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

WSCL CH 208 B BLED19940922KA  
Lat= 38 39 15.0, Lng= 75 36 42.0  
33.0 kW 178 M HAAT, 187 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

