

Doug Vernier Telecommunications Consultants
401 Main St., Suite 213, Cedar Falls, IA 50613

Full Tabular Allocations Study

REFERENCE
43 26 15.0 N.
72 27 08.0 W.

CH# 201B - 88.1 MHz, Pwr= 1.6 kW DA, HAAT= 686.2 M, COR= 972.5 M
Average Protected F(50-50)= 52.24 km
Standard Directional

DISPLAY DATES
DATA 04-28-11
SEARCH 04-28-11

CH CITY	CALL	TYPE STATE	ANT AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
201B Norwich	WNCH	LIC DEX VT	0.0 0.0	0.0 BLED20041013ABV	43 26 15.0 72 27 08.0	1.600 688	115.8 970	45.6 Vermont Public Radio	-167.1*	-170.3*
201B Norwich	WNCH	APP DCX VT	0.0 0.0	0.0 BMPED20110211AFT	43 26 15.0 72 27 08.0	1.600 686	117.8 973	46.9 Vermont Public Radio	-169.1*	-171.6*
201B Norwich	WNCH	CP DCX VT	0.0 0.0	0.0 BPED20091120ACB	43 26 15.0 72 27 08.0	1.600 688	115.8 970	45.6 Vermont Public Radio	-167.1*	-170.3*
06 1C Schenectady	WRGB	CP _HN NY	235.0 54.0	155.5 BPCDT20090622ABV	42 37 31.0 74 00 38.0	30.200 392	95.7 649	109.9 Freedom Broadcasting Of Ne	205.6R	-50.1M <--
202B1 Wakefield	NEW	CP DEX NH	74.1 255.0	108.5 BNPED20071018AXP	43 41 53.0 71 09 14.0	6.000 166	54.3 399	35.1 Light Of Life Ministries,	6.1	0.1
202A Northfield	WNUB-FM	LIC _CN VT	348.1 168.0	80.1 BLED19890622KB	44 08 32.0 72 39 31.0	0.285 -118	10.5 283	7.3 The Trustees Of The Norwic	20.7	0.1
201A Minerva	WGOR	CP DVX NY	291.3 110.3	133.8 BNPED20071012AJB	43 51 53.4 74 00 24.8	0.325 16	19.9 565	5.8 Balfour Lake Foundation, I	65.1	2.7
204C2 Rutland	WRVT	LIC DEX VT	295.2 114.8	58.2 BLED20101206ACJ	43 39 31.0 73 06 25.0	4.800 412	4.3 663	51.5 Vermont Public Radio	6.0	4.0
201C3 Peru	WXLU	LIC _C_ NY	322.7 141.8	159.7 BLED20060707ABU	44 34 25.0 73 40 29.0	1.000 341	96.0 646	35.8 The St. Lawrence Universi t	15.9	4.0
201A Worcester	WCHC	LIC _VN MA	158.3 338.7	143.4 BLED19880916KA	42 14 15.0 71 48 31.0	0.100 -2	18.6 195	5.6 College Of The Holy Cross	68.5	5.5
202A Nashua	WEVS	LIC DEX NH	133.7 314.4	109.9 BLED20050720ACY	42 45 00.0 71 28 47.0	5.000 21	22.4 89	15.0 New Hampshire Public Radio	31.8	12.0
201A Cambri dge	WMBR	LIC DCN MA	136.6 317.5	163.5 BLED19950727KD	42 21 42.0 71 05 03.0	0.720 90	50.4 108	13.8 Technology Broadcasting Co	57.9	17.2
201B1 Dolgeville	WVVC-FM	APP DEX NY	259.7 78.3	167.5 BMPED20110125ABC	43 08 58.0 74 29 03.0	11.000 31	79.0 510	16.0 Northeast Gospel Broadcast	42.4	21.5
202B1 Loudonville	WVCR-FM	LIC _C_ NY	235.3 54.2	154.4 BLED20010404AAV	42 38 13.0 74 00 05.0	2.800 256	67.5 496	44.5 Siena College	35.4	32.5
204A Milford	NEW	CP DCX NH	138.5 319.0	90.0 BNPED20071019AUV	42 49 47.0 71 43 15.0	0.240 79	1.1 269	7.0 University Of Massachusetts	34.0	80.2
201A Annandale-on-hudson	WLHV	CP DVX NY	215.5 34.6	181.8 BNPED20071019BFL	42 05 57.7 73 43 50.5	0.830 127	26.0 271	6.9 Bard College	102.2	42.7
254A Winchester	WINQ«	LIC _CX NH	170.4 350.5	58.8 BLH20090901AFA	42 54 57.0 72 19 53.0	2.150 169	2.0 432	12.5 Saga Communications Of New	14.5R	44.3M
201B Bowdoin	NEW	CP DEX ME	69.0 250.7	216.2 BNPED20071018DFG	44 06 30.0 69 55 27.0	50.000 39	114.1 105	25.8 Light Of Life Ministries,	51.7	70.0
201A Providence	WELH	LIC DCX RI	151.8 332.6	198.6 BLED20101015ACD	41 51 26.7 71 19 05.6	4.000 41	51.0 72	13.2 The Wheeler School	92.2	53.2
06+1 Montreal	CBMT	LI _HN QC	338.9 158.1	247.0	45 30 20.0 73 35 32.0	100.000 250	92.6 275	100.1 Canadian Bcting Corp	192.7R	54.3M
202A Concord	WIQH	LIC _HN MA	140.4 321.1	142.3 BLED19950217KB	42 26 48.0 71 20 49.0	0.100 7	8.0 64	5.6 Concord-carlisle Regional	79.5	55.1
202A New Castle	940131MA	APP _VN NH	103.1 284.3	142.8 BPED19940131MA	43 08 05.0 70 44 33.0	0.580 26	12.4 43	8.8 Granite State Ed. Fellowsh	78.0	55.5
202A Boxford	WBMT	LIC _CX MA	126.4 307.4	150.3 BLED20030801AHE	42 37 38.0 70 58 32.0	0.660 10	12.8 37	9.1 Masconomet Regional School	81.3	57.3
201A Middletown	WESU	LIC DCX CT	184.7 4.5	210.0 BLED20100624AIT	41 33 12.0 72 39 29.0	6.000 11	80.7 96	22.7 Wesleyan University	78.6	62.5
06 Montr AI	VACANT	GR _HN QC	338.9 158.1	247.0 BPFS20081211ABT	45 30 20.0 73 35 32.0	2.400 300	92.6 325	65.8 158.5R	158.5R	88.5M

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LI CENSEE	Page # 2 *IN* (Overlap in km)	*OUT*
06 1E WEDY New Haven		LI _HN CT		189.2 8.9	237.5 BLEDT20060906ABJ	41 19 42.0 72 54 25.0	0.400 88	97.4 131	25.3 Connecticut	122.7R Public	114.8M Broadca
06 1E WEDY New Haven		CPM _HN CT		189.2 8.9	237.5 BMPEDT20020305AAU	41 19 42.0 72 54 25.0	0.400 88	97.4 131	25.3 Connecticut	122.7R Public	114.8M Broadca
06ZT Rome	WWDG-CA	AP D_N NY		265.0 82.9	246.2 BDI STVA20080528AGR	43 12 18.0 75 28 48.0	0.600 85	59.9 206	10.2 Kevin O' kane	70.1R	176.1M

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM In & Out distances between contours are shown at closest points. Reference zone= - 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. « = Station meets FCC minimum distance spacing for its class. Reference station has protected zone issue: Canada <-- See Channel-six exhibit											

HOW TO READ THE FM COMPUTER PRINT-OUT

Full Service Stations

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. Contour distances are in kilometers and are predicted using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "IN " is the difference in kilometers between of the reference station's protected contour and the data file station's interference contour at the closest point between the contours. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, "IN" column is a measure of incoming interference. Negative distances in this column indicate the presence of contour overlap. Listed antenna heights and power are those given in the FCC database. The column labeled "OUT " shows the greatest distance in kilometers of overlap or smallest of clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing contour overlap.

Under the "AZI" column, the first row of numbers indicate the True North bearings from the reference station toward the database stations, while the numbers in the second row indicate the reverse bearings from the database stations to the reference station.

The columns labeled "INT" and "PRO" contain the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

For I.F. relationships, some channel-six TV relationships and relationships with commercial channel stations providing clearance the minimum spacings values the "IN" and "OUT" columns can change their significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** (or lack of it) in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended. Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

The call letters of stations meeting the minimum separation distances under the rules will be flagged by the characters "<<" appended to the right-hand side of the call sign. The "^" character appended to the call sign means the station has been "max-classed" according to the provisions of section 73.525 of the Rules.

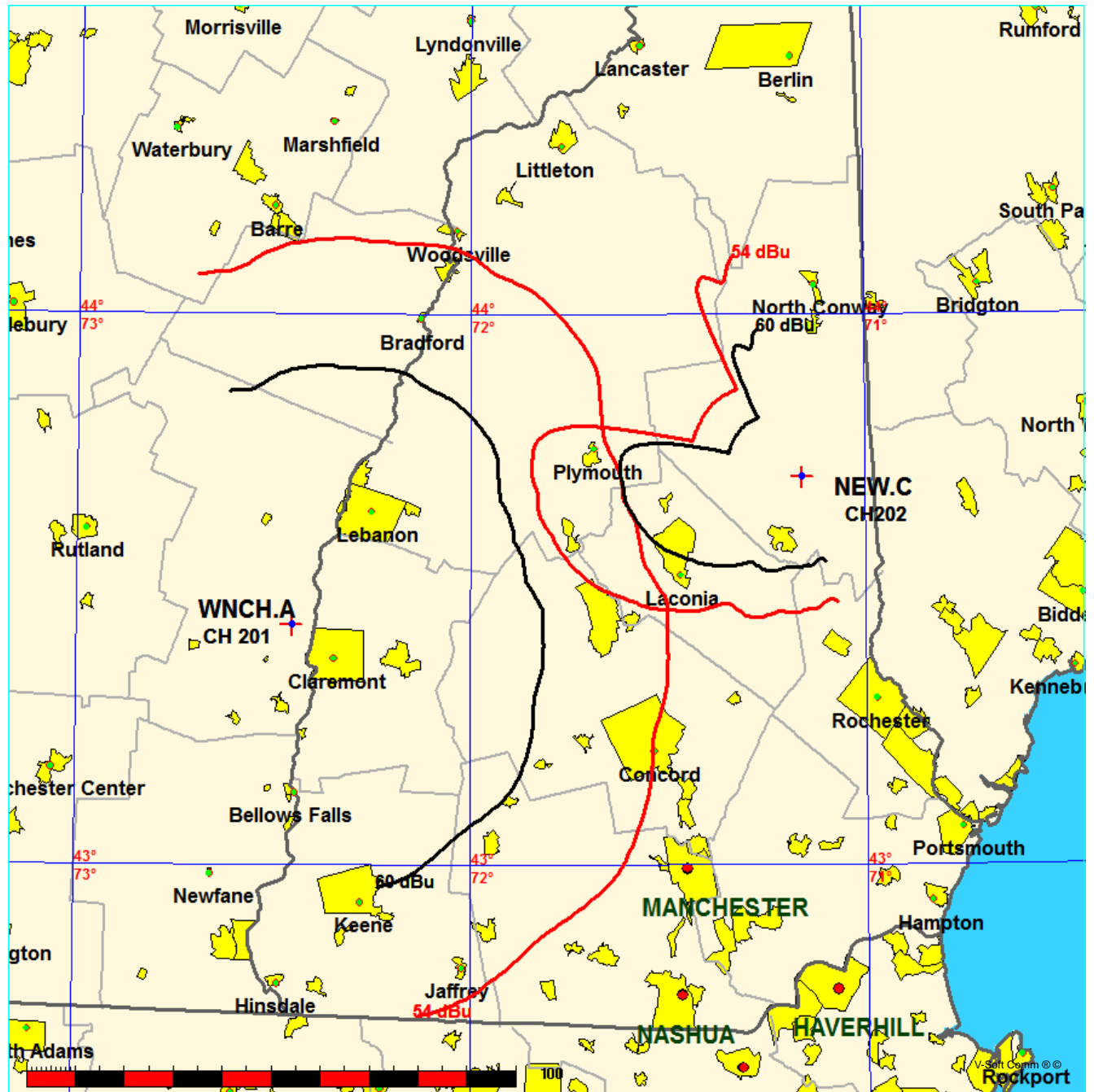
The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates with an omni-directional antenna. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a "Y" if the antenna uses beam tilt or an "X" if the commission is not sure, otherwise it will be an "N" or left blank.

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 6.05 km, Out= 0.09 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 54 dBu

NEW-C CH 202 B1 DA BNPED20071018AXP
Lat= 43 41 53.0, Lng= 71 09 14.0
6.0 kW 166 M HAAT, 399 M COR
Prot.= 60 dBu, Intef.= 54 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

NEW-C BNPED20071018AXP

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Protected

60 dBu

Channel = 202B1

Max ERP = 6 kW

RCAMSL = 399 M

N. Lat. 43 41 53.0

W. Lng. 71 09 14.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
014.0	001.6000	0711.6	053.1	284.3	006.0000	0075.0	094.2	36.92	
015.0	001.6000	0717.1	053.3	284.4	006.0000	0072.9	093.2	37.07	
016.0	001.6000	0722.1	053.4	284.4	006.0000	0071.3	092.3	37.22	
017.0	001.6000	0729.4	053.6	284.6	006.0000	0069.1	091.3	37.35	
018.0	001.6000	0738.5	053.9	284.7	006.0000	0066.3	090.4	37.46	
019.0	001.6000	0747.9	054.2	284.8	006.0000	0063.7	089.4	37.57	
020.0	001.6000	0757.4	054.5	285.0	006.0000	0061.3	088.5	37.70	
021.0	001.6000	0767.9	054.8	285.1	006.0000	0058.8	087.5	37.82	
022.0	001.6000	0777.8	055.1	285.2	006.0000	0056.8	086.5	37.96	
023.0	001.6000	0786.1	055.3	285.3	006.0000	0055.6	085.5	38.14	
024.0	001.6000	0790.5	055.5	285.2	006.0000	0055.9	084.5	38.40	
025.0	001.6000	0790.7	055.5	285.1	006.0000	0058.0	083.6	38.74	
026.0	001.6000	0788.9	055.4	285.0	006.0000	0061.1	082.7	39.14	
027.0	001.6000	0786.3	055.3	284.8	006.0000	0064.8	081.7	39.57	
028.0	001.6000	0781.3	055.2	284.5	006.0000	0069.8	080.8	40.07	
029.0	001.6000	0775.3	055.0	284.2	006.0000	0075.8	079.9	40.62	
030.0	001.6000	0772.1	054.9	284.0	006.0000	0081.1	079.1	41.14	
031.0	001.6000	0773.4	055.0	283.8	006.0000	0085.1	078.1	41.60	
032.0	001.6000	0777.6	055.1	283.6	006.0000	0088.1	077.2	42.02	
033.0	001.6000	0783.1	055.2	283.5	006.0000	0090.9	076.2	42.44	
034.0	001.6000	0788.9	055.4	283.4	006.0000	0094.1	075.3	42.87	
035.0	001.6000	0794.4	055.6	283.2	006.0000	0097.8	074.3	43.35	
036.0	001.6000	0799.3	055.7	283.0	006.0000	0102.2	073.4	43.85	
037.0	001.6000	0801.7	055.8	282.7	006.0000	0108.1	072.5	44.44	
038.0	001.6000	0801.8	055.8	282.4	006.0000	0115.3	071.6	45.08	
039.0	001.6000	0799.8	055.7	282.0	006.0000	0123.5	070.8	45.75	
040.0	001.6000	0796.7	055.6	281.6	006.0000	0131.9	069.9	46.44	
041.0	001.6000	0793.2	055.5	281.1	006.0000	0140.0	069.2	47.11	
042.0	001.6000	0789.5	055.4	280.6	006.0000	0147.8	068.4	47.76	
043.0	001.6000	0785.1	055.3	280.1	006.0000	0155.2	067.6	48.38	
044.0	001.6000	0780.4	055.2	279.5	005.9714	0161.5	066.9	48.91	
045.0	001.6000	0775.8	055.0	278.9	005.9368	0166.8	066.2	49.38	
046.0	001.6000	0771.8	054.9	278.4	005.9018	0171.2	065.5	49.79	
047.0	001.6000	0768.3	054.8	277.8	005.8662	0174.9	064.9	50.16	
048.0	001.6000	0763.5	054.7	277.1	005.8277	0178.5	064.2	50.51	
049.0	001.6000	0756.0	054.5	276.4	005.7851	0181.6	063.7	50.80	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
050.0	001.6000	0746.4	054.2	275.6	005.7390	0184.0	063.2	51.04
051.0	001.6000	0737.1	053.9	274.8	005.6923	0185.7	062.8	51.23
052.0	001.5513	0729.4	053.3	273.8	005.6360	0187.2	062.5	51.33
053.0	001.4815	0723.4	052.7	272.8	005.5767	0188.6	062.4	51.38
054.0	001.4148	0718.6	052.1	271.8	005.5190	0190.3	062.3	51.44
055.0	001.3511	0714.7	051.5	270.8	005.4626	0190.5	062.3	51.43
056.0	001.2903	0711.7	051.0	269.9	005.4047	0190.0	062.2	51.38
057.0	001.2322	0710.6	050.5	268.9	005.3308	0189.5	062.1	51.32
058.0	001.1768	0710.8	050.1	268.0	005.2595	0189.0	062.1	51.26
059.0	001.1238	0712.7	049.7	267.2	005.1908	0188.4	062.0	51.21
060.0	001.0732	0715.8	049.3	266.3	005.1239	0187.9	061.9	51.16
061.0	001.0591	0718.6	049.3	265.6	005.0667	0189.0	061.6	51.27
062.0	001.0451	0722.1	049.3	264.8	005.0094	0190.3	061.3	51.39
063.0	001.0312	0725.9	049.3	264.1	004.9518	0191.6	061.0	51.50
064.0	001.0174	0729.5	049.3	263.3	004.8934	0193.0	060.7	51.61
065.0	001.0036	0732.8	049.2	262.5	004.8343	0194.1	060.5	51.69
066.0	000.9900	0734.3	049.2	261.7	004.7738	0194.6	060.3	51.71
067.0	000.9764	0734.1	049.0	260.9	004.7124	0194.2	060.3	51.67
068.0	000.9630	0731.9	048.8	260.1	004.6505	0193.5	060.3	51.57
069.0	000.9496	0727.9	048.5	259.2	004.5640	0192.7	060.4	51.42
070.0	000.9364	0724.5	048.3	258.4	004.4777	0192.1	060.5	51.26
071.0	000.9579	0723.1	048.5	257.6	004.3978	0191.5	060.2	51.26
072.0	000.9796	0722.6	048.7	256.8	004.3173	0190.9	059.9	51.26
073.0	001.0016	0721.1	048.8	256.0	004.2359	0190.9	059.7	51.25
074.0	001.0239	0717.0	048.9	255.2	004.1540	0191.1	059.6	51.22
075.0	001.0464	0710.8	048.9	254.4	004.0725	0191.5	059.6	51.14
076.0	001.0691	0703.1	048.9	253.6	003.9921	0191.6	059.7	51.04
077.0	001.0921	0695.3	048.8	252.8	003.9131	0191.4	059.8	50.90
078.0	001.1154	0686.5	048.7	252.0	003.8358	0191.0	060.0	50.73
079.0	001.1388	0678.1	048.6	251.2	003.7602	0190.6	060.2	50.55
080.0	001.1625	0670.7	048.6	250.4	003.6858	0190.5	060.4	50.39
081.0	001.2173	0665.5	048.9	249.5	003.6002	0190.9	060.3	50.34
082.0	001.2747	0664.3	049.3	248.7	003.5058	0191.1	060.1	50.31
083.0	001.3348	0664.2	049.7	247.7	003.4102	0190.7	059.9	50.24
084.0	001.3977	0663.4	050.1	246.8	003.3148	0189.9	059.7	50.15
085.0	001.4636	0663.4	050.6	245.9	003.2185	0189.2	059.6	50.04
086.0	001.5325	0663.4	051.0	244.9	003.1224	0189.0	059.5	49.94
087.0	001.6000	0663.4	051.5	244.0	003.0278	0189.1	059.4	49.82
088.0	001.6000	0662.5	051.4	243.2	002.9518	0189.0	059.8	49.56
089.0	001.6000	0662.3	051.4	242.5	002.8776	0188.6	060.3	49.29
090.0	001.6000	0662.1	051.4	241.7	002.8059	0187.8	060.7	48.99
091.0	001.6000	0662.1	051.4	241.0	002.7367	0186.7	061.1	48.67
092.0	001.6000	0662.9	051.4	240.3	002.6687	0185.4	061.6	48.35
093.0	001.6000	0663.1	051.5	239.6	002.5966	0184.1	062.1	48.00
094.0	001.6000	0665.4	051.5	238.8	002.5193	0182.7	062.5	47.65
095.0	001.6000	0668.7	051.6	238.1	002.4429	0181.5	063.0	47.31
096.0	001.6000	0670.2	051.7	237.4	002.3731	0180.8	063.5	46.97
097.0	001.6000	0673.4	051.8	236.8	002.3028	0180.2	064.0	46.64
098.0	001.6000	0676.1	051.9	236.1	002.2364	0179.9	064.5	46.32
099.0	001.6000	0677.9	052.0	235.5	002.1745	0179.6	065.1	45.99
100.0	001.6000	0680.3	052.0	234.9	002.1142	0179.1	065.7	45.65

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
101.0	001.6000	0680.6	052.1	234.3	002.0608	0178.8	066.3	45.31
102.0	001.6000	0678.9	052.0	233.8	002.0145	0178.5	067.0	44.95
103.0	001.6000	0676.7	051.9	233.4	001.9715	0178.4	067.8	44.61
104.0	001.6000	0674.7	051.9	232.9	001.9307	0178.4	068.5	44.27
105.0	001.6000	0672.9	051.8	232.5	001.8919	0178.4	069.3	43.93
106.0	001.6000	0672.3	051.8	232.1	001.8528	0178.5	070.0	43.59
107.0	001.6000	0674.3	051.8	231.6	001.8105	0178.6	070.7	43.26
108.0	001.6000	0679.4	052.0	231.1	001.7640	0178.6	071.4	42.93
109.0	001.6000	0686.5	052.3	230.6	001.7158	0178.5	072.0	42.59
110.0	001.6000	0695.6	052.6	230.0	001.6660	0178.4	072.7	42.25
111.0	001.6000	0705.1	052.9	229.4	001.6280	0178.0	073.3	41.91
112.0	001.6000	0714.7	053.2	228.9	001.5916	0177.5	074.0	41.57
113.0	001.6000	0724.4	053.5	228.4	001.5569	0176.8	074.7	41.21
114.0	001.6000	0733.4	053.8	227.9	001.5249	0176.1	075.5	40.85
115.0	001.6000	0742.1	054.0	227.4	001.4950	0175.4	076.2	40.49
116.0	001.6000	0749.9	054.3	227.0	001.4679	0174.7	077.0	40.12
117.0	001.6000	0756.8	054.5	226.6	001.4436	0174.0	077.9	39.75
118.0	001.6000	0763.8	054.7	226.3	001.4207	0173.2	078.7	39.38
119.0	001.6000	0771.2	054.9	225.9	001.3985	0172.4	079.6	39.00
120.0	001.6000	0779.3	055.1	225.6	001.3769	0171.6	080.4	38.63
121.0	001.6000	0787.4	055.4	225.2	001.3567	0170.9	081.3	38.26
122.0	001.6000	0794.5	055.6	224.9	001.3390	0170.2	082.2	37.89
123.0	001.6000	0800.9	055.7	224.7	001.3234	0169.7	083.1	37.53
124.0	001.6000	0806.1	055.9	224.5	001.3102	0169.2	084.1	37.18
125.0	001.6000	0810.6	056.0	224.3	001.2988	0168.8	085.0	36.83
126.0	001.6000	0814.8	056.1	224.1	001.2887	0168.4	086.0	36.49
127.0	001.6000	0818.2	056.2	224.0	001.2805	0168.1	086.9	36.16
128.0	001.6000	0820.0	056.3	223.9	001.2748	0167.9	087.9	35.84
129.0	001.6000	0819.6	056.3	223.8	001.2721	0167.8	088.9	35.53
130.0	001.6000	0816.4	056.2	223.9	001.2729	0167.9	089.9	35.24
131.0	001.6000	0811.3	056.0	223.9	001.2764	0168.0	090.9	34.96
132.0	001.6000	0805.7	055.9	224.0	001.2809	0168.1	091.8	34.69
133.0	001.6000	0800.1	055.7	224.1	001.2860	0168.3	092.8	34.43

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

NEW-C BNPED20071018AXP

WNCH.A

Channel = 202B1

Max ERP = 6 kW

RCAMSL = 399 M

N. Lat. 43 41 53.0

W. Lng. 71 09 14.0

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
195.0	000.3370	0195.9	019.8	083.9	001.3929	0663.4	100.1	46.27	
196.0	000.3525	0195.4	020.0	084.0	001.3951	0663.4	099.7	46.38	
197.0	000.3684	0194.6	020.1	084.0	001.3964	0663.4	099.3	46.49	
198.0	000.3847	0193.2	020.3	084.0	001.3963	0663.4	099.0	46.60	
199.0	000.4012	0190.9	020.4	083.9	001.3944	0663.4	098.6	46.70	
200.0	000.4182	0188.1	020.5	083.9	001.3911	0663.5	098.2	46.79	
201.0	000.4403	0184.5	020.5	083.8	001.3879	0663.5	097.9	46.88	
202.0	000.4630	0179.9	020.5	083.8	001.3825	0663.6	097.6	46.96	
203.0	000.4863	0174.6	020.5	083.6	001.3750	0663.7	097.3	47.02	
204.0	000.5102	0169.5	020.5	083.5	001.3669	0663.8	097.0	47.08	
205.0	000.5346	0164.9	020.4	083.4	001.3589	0663.9	096.7	47.14	
206.0	000.5596	0160.4	020.4	083.2	001.3503	0664.0	096.4	47.19	
207.0	000.5852	0155.9	020.3	083.1	001.3412	0664.1	096.2	47.24	
208.0	000.6113	0151.8	020.2	083.0	001.3322	0664.2	095.9	47.29	
209.0	000.6380	0148.2	020.2	082.8	001.3240	0664.2	095.6	47.34	
210.0	000.6653	0145.6	020.2	082.7	001.3172	0664.2	095.3	47.41	
211.0	000.7001	0144.4	020.4	082.7	001.3145	0664.2	094.9	47.52	
212.0	000.7358	0144.9	020.7	082.7	001.3145	0664.2	094.5	47.65	
213.0	000.7724	0146.6	021.0	082.7	001.3162	0664.2	094.0	47.81	
214.0	000.8099	0148.7	021.4	082.7	001.3183	0664.2	093.5	47.98	
215.0	000.8483	0151.2	021.8	082.8	001.3205	0664.2	092.9	48.15	
216.0	000.8875	0154.2	022.3	082.8	001.3228	0664.2	092.3	48.34	
217.0	000.9276	0157.3	022.7	082.8	001.3248	0664.2	091.7	48.52	
218.0	000.9687	0160.5	023.1	082.9	001.3262	0664.2	091.2	48.71	
219.0	001.0106	0163.1	023.5	082.9	001.3259	0664.2	090.6	48.88	
220.0	001.0534	0164.8	023.9	082.8	001.3234	0664.2	090.1	49.04	
221.0	001.1084	0165.4	024.2	082.8	001.3199	0664.2	089.6	49.19	
222.0	001.1648	0165.8	024.5	082.7	001.3152	0664.2	089.1	49.33	
223.0	001.2226	0166.5	024.8	082.6	001.3107	0664.2	088.5	49.48	
224.0	001.2818	0168.2	025.2	082.5	001.3069	0664.3	088.0	49.65	
225.0	001.3424	0170.3	025.6	082.5	001.3032	0664.3	087.4	49.83	
226.0	001.4044	0172.6	026.0	082.4	001.2991	0664.3	086.8	50.00	
227.0	001.4678	0174.7	026.4	082.3	001.2939	0664.3	086.2	50.17	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
228.0	001.5326	0176.3	026.7	082.2	001.2872	0664.3	085.6	50.33
229.0	001.5988	0177.7	027.1	082.1	001.2795	0664.3	085.1	50.48
230.0	001.6664	0178.4	027.4	081.9	001.2703	0664.4	084.6	50.61
231.0	001.7541	0178.6	027.7	081.8	001.2612	0664.4	084.0	50.75
232.0	001.8442	0178.5	028.0	081.6	001.2509	0664.4	083.5	50.88
233.0	001.9364	0178.3	028.3	081.4	001.2400	0664.6	083.0	51.00
234.0	002.0309	0178.6	028.6	081.2	001.2289	0665.0	082.5	51.14
235.0	002.1277	0179.2	029.0	081.0	001.2176	0665.5	082.0	51.28
236.0	002.2267	0179.9	029.3	080.8	001.2059	0666.3	081.4	51.42
237.0	002.3280	0180.4	029.7	080.6	001.1934	0667.4	080.9	51.56
238.0	002.4316	0181.4	030.1	080.3	001.1807	0668.7	080.3	51.70
239.0	002.5373	0183.0	030.5	080.1	001.1681	0670.1	079.8	51.86
240.0	002.6454	0185.0	031.0	079.9	001.1592	0671.6	079.1	52.05
241.0	002.7386	0186.8	031.4	079.6	001.1528	0673.5	078.6	52.23
242.0	002.8335	0188.2	031.8	079.3	001.1459	0675.8	078.0	52.40
243.0	002.9299	0188.9	032.1	079.0	001.1383	0678.2	077.5	52.56
244.0	003.0280	0189.1	032.4	078.6	001.1303	0681.0	077.1	52.70
245.0	003.1277	0189.0	032.6	078.3	001.1218	0684.0	076.7	52.83
246.0	003.2290	0189.2	032.9	077.9	001.1132	0687.4	076.3	52.97
247.0	003.3319	0190.1	033.2	077.5	001.1044	0690.8	075.9	53.12
248.0	003.4365	0190.8	033.5	077.1	001.0954	0694.2	075.5	53.26
249.0	003.5426	0191.0	033.8	076.7	001.0859	0697.3	075.1	53.38
250.0	003.6504	0190.6	034.0	076.3	001.0761	0700.7	074.8	53.47
251.0	003.7446	0190.6	034.2	075.9	001.0661	0704.2	074.6	53.56
252.0	003.8400	0191.0	034.5	075.4	001.0560	0707.7	074.3	53.66
253.0	003.9366	0191.5	034.7	075.0	001.0457	0711.0	074.0	53.74
254.0	004.0344	0191.6	034.9	074.5	001.0351	0714.1	073.8	53.81
255.0	004.1334	0191.2	035.1	074.0	001.0245	0716.9	073.6	53.86
256.0	004.2336	0190.9	035.3	073.5	001.0138	0719.2	073.4	53.89
257.0	004.3350	0191.0	035.5	073.1	001.0029	0720.9	073.3	53.92
258.0	004.4376	0191.8	035.7	072.6	000.9919	0722.0	073.1	53.95
259.0	004.5414	0192.6	036.0	072.0	000.9807	0722.6	072.9	53.97
260.0	004.6464	0193.4	036.2	071.5	000.9694	0722.9	072.7	53.97
261.0	004.7206	0194.3	036.4	071.0	000.9582	0723.1	072.6	53.96
262.0	004.7954	0194.5	036.6	070.5	000.9470	0723.5	072.6	53.92
263.0	004.8708	0193.5	036.6	070.0	000.9364	0724.5	072.6	53.86
264.0	004.9468	0191.7	036.6	069.5	000.9429	0726.0	072.8	53.86
265.0	005.0233	0190.0	036.6	069.0	000.9493	0727.8	073.0	53.86
266.0	005.1005	0188.3	036.6	068.5	000.9557	0729.8	073.2	53.86
267.0	005.1782	0188.1	036.7	068.0	000.9624	0731.8	073.3	53.89
268.0	005.2566	0189.0	036.9	067.5	000.9694	0733.3	073.3	53.93
269.0	005.3355	0189.5	037.0	067.0	000.9764	0734.1	073.4	53.95
270.0	005.4150	0190.1	037.2	066.5	000.9834	0734.4	073.5	53.96
271.0	005.4721	0190.7	037.3	066.0	000.9903	0734.3	073.6	53.95
272.0	005.5296	0190.0	037.4	065.5	000.9967	0733.8	073.8	53.89
273.0	005.5873	0188.4	037.3	065.1	001.0026	0733.0	074.2	53.81
274.0	005.6454	0186.9	037.3	064.6	001.0085	0731.8	074.5	53.72
275.0	005.7038	0185.3	037.2	064.2	001.0143	0730.4	074.9	53.61
276.0	005.7624	0182.9	037.1	063.8	001.0195	0729.0	075.3	53.49
277.0	005.8214	0179.0	036.9	063.5	001.0238	0727.8	075.9	53.32
278.0	005.8806	0173.5	036.4	063.3	001.0269	0727.0	076.6	53.11

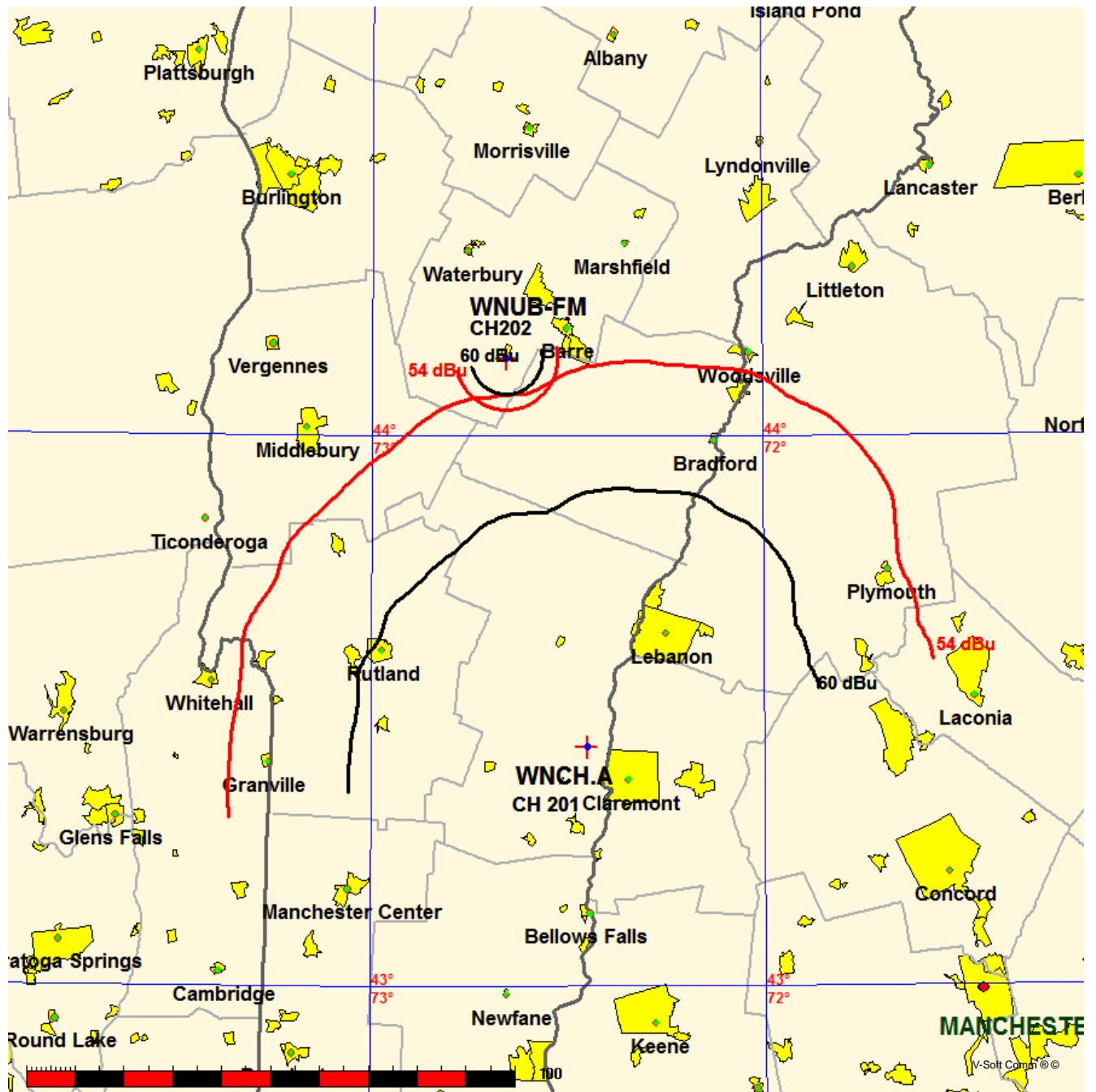
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
279.0	005.9402	0166.3	035.8	063.2	001.0286	0726.5	077.4	52.84
280.0	006.0000	0156.2	034.8	063.3	001.0277	0726.8	078.6	52.48
281.0	006.0000	0141.7	033.1	063.6	001.0228	0728.1	080.3	51.96
282.0	006.0000	0123.6	031.1	064.1	001.0153	0730.1	082.2	51.35
283.0	006.0000	0102.2	028.6	064.9	001.0048	0732.6	084.5	50.61
284.0	006.0000	0080.4	025.5	065.9	000.9914	0734.3	087.2	49.71
285.0	006.0000	0060.5	022.5	066.9	000.9784	0734.3	089.9	48.82
286.0	006.0000	0042.6	018.9	068.0	000.9623	0731.7	092.9	47.75
287.0	006.0000	0026.6	015.8	069.1	000.9488	0727.7	095.6	46.81
288.0	006.0000	0011.3	015.8	068.9	000.9506	0728.2	095.8	46.78
289.0	006.0000	-0004.2	015.8	068.8	000.9523	0728.7	096.0	46.74
290.0	006.0000	-0020.2	015.8	068.7	000.9540	0729.3	096.1	46.71
291.0	006.0000	-0037.5	015.8	068.6	000.9556	0729.8	096.3	46.67
292.0	006.0000	-0055.8	015.8	068.4	000.9572	0730.3	096.5	46.63
293.0	006.0000	-0073.9	015.8	068.3	000.9588	0730.8	096.7	46.58
294.0	006.0000	-0091.7	015.8	068.2	000.9604	0731.2	096.9	46.54
295.0	006.0000	-0107.4	015.8	068.1	000.9619	0731.6	097.1	46.50
296.0	006.0000	-0118.7	015.8	068.0	000.9634	0732.0	097.3	46.45
297.0	006.0000	-0122.9	015.8	067.9	000.9649	0732.4	097.5	46.40
298.0	006.0000	-0121.6	015.8	067.8	000.9663	0732.7	097.7	46.35
299.0	006.0000	-0117.4	015.8	067.7	000.9677	0733.0	097.9	46.30
300.0	006.0000	-0112.8	015.8	067.5	000.9690	0733.2	098.1	46.25
301.0	005.9760	-0107.1	015.7	067.5	000.9703	0733.4	098.3	46.19
302.0	005.9521	-0100.3	015.7	067.4	000.9714	0733.6	098.6	46.13
303.0	005.9282	-0092.9	015.7	067.3	000.9726	0733.7	098.8	46.07
304.0	005.9044	-0083.2	015.7	067.2	000.9737	0733.8	099.0	46.01
305.0	005.8806	-0071.7	015.7	067.1	000.9747	0733.9	099.3	45.94
306.0	005.8569	-0059.9	015.6	067.0	000.9758	0734.0	099.5	45.88
307.0	005.8332	-0050.1	015.6	067.0	000.9768	0734.1	099.7	45.81
308.0	005.8095	-0043.0	015.6	066.9	000.9777	0734.2	100.0	45.75
309.0	005.7859	-0037.6	015.6	066.8	000.9786	0734.3	100.2	45.68
310.0	005.7624	-0031.1	015.6	066.8	000.9795	0734.3	100.5	45.62
311.0	005.6687	-0022.6	015.5	066.7	000.9800	0734.4	100.8	45.54
312.0	005.5758	-0012.9	015.4	066.7	000.9804	0734.4	101.0	45.46
313.0	005.4836	-0005.0	015.4	066.7	000.9808	0734.4	101.3	45.39
314.0	005.3922	-0000.8	015.3	066.6	000.9812	0734.4	101.6	45.31

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 20.74 km, Out= 0.1 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WNUB-FM CH 202 A BLED19890622KB
Lat= 44 08 32.0, Lng= 72 39 31.0
0.285 kW -118 M HAAT, 283 M COR
Prot.= 60 dBu, Intef.= 54 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

WNUB-FM BLED19890622KB

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Protected

60 dBu

Channel = 202A

Max ERP = 0.285 kW

RCAMSL = 283 M

N. Lat. 44 08 32.0

W. Lng. 72 39 31.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
288.0	001.6000	0598.2	049.1	205.5	000.2850	-0163.5	069.9	26.48	
289.0	001.6000	0598.5	049.1	205.6	000.2850	-0163.0	069.1	26.63	
290.0	001.6000	0595.6	049.0	205.6	000.2850	-0163.0	068.2	26.78	
291.0	001.6000	0591.0	048.8	205.5	000.2850	-0163.4	067.4	26.94	
292.0	001.6000	0586.0	048.6	205.4	000.2850	-0163.9	066.5	27.10	
293.0	001.6000	0580.7	048.4	205.2	000.2850	-0164.5	065.6	27.26	
294.0	001.6000	0574.9	048.1	205.0	000.2850	-0165.2	064.8	27.41	
295.0	001.6000	0569.0	047.9	204.8	000.2850	-0165.7	064.0	27.57	
296.0	001.6000	0564.7	047.7	204.6	000.2850	-0166.1	063.1	27.73	
297.0	001.6000	0562.8	047.6	204.5	000.2850	-0166.3	062.3	27.89	
298.0	001.6000	0564.3	047.7	204.5	000.2850	-0166.3	061.5	28.06	
299.0	001.6000	0568.7	047.9	204.7	000.2850	-0166.0	060.6	28.23	
300.0	001.6000	0575.1	048.1	204.9	000.2850	-0165.6	059.8	28.40	
301.0	001.6000	0582.1	048.4	205.1	000.2850	-0165.1	058.9	28.58	
302.0	001.6000	0587.6	048.7	205.2	000.2850	-0164.7	058.0	28.76	
303.0	001.6000	0590.7	048.8	205.2	000.2850	-0164.6	057.2	28.94	
304.0	001.6000	0590.8	048.8	205.1	000.2850	-0165.0	056.3	29.12	
305.0	001.6000	0589.6	048.7	204.9	000.2850	-0165.5	055.5	29.30	
306.0	001.6000	0588.0	048.7	204.7	000.2850	-0166.0	054.7	29.48	
307.0	001.6000	0585.4	048.6	204.4	000.2850	-0166.5	053.9	29.65	
308.0	001.6000	0580.2	048.4	203.9	000.2850	-0166.9	053.1	29.82	
309.0	001.6000	0573.8	048.1	203.4	000.2850	-0167.2	052.4	29.98	
310.0	001.6000	0569.1	047.9	202.9	000.2850	-0167.5	051.6	30.14	
311.0	001.6000	0566.9	047.8	202.6	000.2850	-0168.2	050.8	30.31	
312.0	001.6000	0565.5	047.7	202.2	000.2850	-0169.0	050.1	30.47	
313.0	001.6000	0563.8	047.6	201.8	000.2850	-0170.4	049.3	30.64	
314.0	001.6000	0562.3	047.6	201.3	000.2850	-0172.0	048.6	30.80	
315.0	001.6000	0561.7	047.6	200.9	000.2850	-0173.4	047.8	30.96	
316.0	001.6000	0561.6	047.5	200.5	000.2850	-0174.6	047.1	31.13	
317.0	001.6000	0562.7	047.6	200.1	000.2850	-0175.5	046.3	31.31	
318.0	001.6000	0563.5	047.6	199.6	000.2850	-0176.2	045.6	31.50	
319.0	001.6000	0563.6	047.6	199.1	000.2850	-0177.1	044.8	31.68	
320.0	001.6000	0563.5	047.6	198.6	000.2850	-0178.0	044.1	31.87	
321.0	001.6000	0563.5	047.6	198.0	000.2850	-0178.4	043.4	32.06	
322.0	001.6000	0564.4	047.7	197.4	000.2850	-0177.8	042.7	32.26	
323.0	001.6000	0565.4	047.7	196.8	000.2850	-0174.3	042.0	32.47	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
324.0	001.6000	0564.4	047.7	196.1	000.2850	-0167.6	041.4	32.66
325.0	001.6000	0562.5	047.6	195.3	000.2850	-0161.2	040.8	32.84
326.0	001.6000	0562.7	047.6	194.5	000.2850	-0160.9	040.1	33.03
327.0	001.6000	0566.6	047.8	193.9	000.2850	-0164.6	039.4	33.27
328.0	001.6000	0570.9	048.0	193.2	000.2850	-0169.8	038.7	33.51
329.0	001.6000	0574.2	048.1	192.5	000.2850	-0175.8	038.0	33.74
330.0	001.6000	0578.1	048.3	191.7	000.2850	-0181.6	037.3	33.97
331.0	001.6000	0584.0	048.5	191.0	000.2850	-0188.0	036.6	34.22
332.0	001.6000	0590.4	048.8	190.2	000.2850	-0193.7	035.8	34.49
333.0	001.6000	0596.3	049.0	189.3	000.2850	-0198.8	035.1	34.74
334.0	001.6000	0600.7	049.2	188.3	000.2850	-0199.8	034.5	34.97
335.0	001.6000	0604.0	049.3	187.2	000.2850	-0196.5	033.9	35.18
336.0	001.6000	0607.6	049.4	186.1	000.2850	-0189.5	033.4	35.39
337.0	001.5674	0612.2	049.4	184.8	000.2850	-0178.6	033.0	35.54
338.0	001.5351	0617.4	049.4	183.4	000.2850	-0159.3	032.6	35.69
339.0	001.5031	0623.5	049.4	182.1	000.2850	-0150.0	032.2	35.83
340.0	001.4715	0629.8	049.4	180.6	000.2850	-0143.2	031.9	35.97
341.0	001.4562	0632.5	049.4	179.2	000.2850	-0136.0	031.6	36.08
342.0	001.4410	0629.5	049.2	177.6	000.2850	-0125.7	031.5	36.10
343.0	001.4258	0624.5	048.9	175.9	000.2850	-0118.0	031.6	36.07
344.0	001.4108	0620.5	048.7	174.3	000.2850	-0115.5	031.7	36.04
345.0	001.3958	0619.2	048.5	172.8	000.2850	-0123.1	031.7	36.03
346.0	001.3809	0620.4	048.5	171.2	000.2850	-0136.4	031.7	36.05
347.0	001.3660	0621.7	048.4	169.7	000.2850	-0147.1	031.7	36.05
348.0	001.3513	0620.7	048.3	168.2	000.2850	-0152.2	031.8	36.00
349.0	001.3366	0618.7	048.1	166.7	000.2850	-0148.3	032.0	35.92
350.0	001.3220	0617.1	047.9	165.2	000.2850	-0146.9	032.2	35.83
351.0	001.3487	0616.6	048.1	163.7	000.2850	-0149.1	032.1	35.87
352.0	001.3755	0618.8	048.4	162.1	000.2850	-0148.5	032.0	35.93
353.0	001.4027	0623.3	048.7	160.5	000.2850	-0149.4	031.8	36.00
354.0	001.4300	0630.2	049.2	158.8	000.2850	-0150.8	031.5	36.10
355.0	001.4577	0637.8	049.6	157.1	000.2850	-0143.7	031.3	36.18
356.0	001.4856	0644.1	050.1	155.3	000.2850	-0128.8	031.2	36.23
357.0	001.5138	0649.3	050.4	153.6	000.2850	-0125.4	031.2	36.24
358.0	001.5423	0651.1	050.7	151.9	000.2850	-0130.5	031.4	36.18
359.0	001.5710	0654.3	051.0	150.2	000.2850	-0135.9	031.5	36.11
000.0	001.6000	0657.9	051.3	148.5	000.2850	-0139.7	031.7	36.04
001.0	001.6000	0660.5	051.4	147.1	000.2850	-0145.5	032.1	35.88
002.0	001.6000	0664.7	051.5	145.6	000.2850	-0149.3	032.5	35.73
003.0	001.6000	0670.8	051.7	144.2	000.2850	-0151.3	032.9	35.58
004.0	001.6000	0677.2	051.9	142.7	000.2850	-0153.3	033.3	35.42
005.0	001.6000	0681.7	052.1	141.4	000.2850	-0151.4	033.8	35.24
006.0	001.6000	0686.1	052.2	140.1	000.2850	-0147.5	034.3	35.04
007.0	001.6000	0690.9	052.4	138.9	000.2850	-0148.1	034.9	34.83
008.0	001.6000	0695.6	052.6	137.7	000.2850	-0153.6	035.4	34.62
009.0	001.6000	0697.8	052.6	136.7	000.2850	-0159.5	036.1	34.38
010.0	001.6000	0698.1	052.6	135.8	000.2850	-0164.8	036.8	34.13
011.0	001.6000	0697.8	052.6	135.0	000.2850	-0169.5	037.6	33.87
012.0	001.6000	0699.8	052.7	134.2	000.2850	-0174.5	038.3	33.62
013.0	001.6000	0705.7	052.9	133.2	000.2850	-0178.9	039.0	33.40
014.0	001.6000	0711.6	053.1	132.3	000.2850	-0181.0	039.7	33.17

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
015.0	001.6000	0717.1	053.3	131.5	000.2850	-0181.7	040.5	32.93
016.0	001.6000	0722.1	053.4	130.7	000.2850	-0181.3	041.2	32.70
017.0	001.6000	0729.4	053.6	129.9	000.2850	-0179.2	042.0	32.47
018.0	001.6000	0738.5	053.9	129.1	000.2850	-0175.5	042.7	32.25
019.0	001.6000	0747.9	054.2	128.3	000.2850	-0171.1	043.5	32.03
020.0	001.6000	0757.4	054.5	127.5	000.2850	-0166.9	044.3	31.81
021.0	001.6000	0767.9	054.8	126.8	000.2850	-0163.5	045.2	31.60
022.0	001.6000	0777.8	055.1	126.1	000.2850	-0161.8	046.0	31.39
023.0	001.6000	0786.1	055.3	125.6	000.2850	-0161.3	046.9	31.18
024.0	001.6000	0790.5	055.5	125.2	000.2850	-0161.5	047.8	30.97
025.0	001.6000	0790.7	055.5	125.0	000.2850	-0161.7	048.8	30.76
026.0	001.6000	0788.9	055.4	124.8	000.2850	-0161.8	049.7	30.55
027.0	001.6000	0786.3	055.3	124.7	000.2850	-0161.9	050.7	30.34
028.0	001.6000	0781.3	055.2	124.8	000.2850	-0161.9	051.7	30.13
029.0	001.6000	0775.3	055.0	124.8	000.2850	-0161.8	052.6	29.92
030.0	001.6000	0772.1	054.9	124.8	000.2850	-0161.8	053.6	29.71
031.0	001.6000	0773.4	055.0	124.7	000.2850	-0162.0	054.5	29.51
032.0	001.6000	0777.6	055.1	124.5	000.2850	-0162.2	055.5	29.30
033.0	001.6000	0783.1	055.2	124.3	000.2850	-0162.5	056.4	29.10
034.0	001.6000	0788.9	055.4	124.1	000.2850	-0162.8	057.4	28.89
035.0	001.6000	0794.4	055.6	124.0	000.2850	-0163.0	058.4	28.69
036.0	001.6000	0799.3	055.7	123.9	000.2850	-0163.1	059.3	28.49
037.0	001.6000	0801.7	055.8	123.8	000.2850	-0163.2	060.3	28.29
038.0	001.6000	0801.8	055.8	123.9	000.2850	-0163.1	061.3	28.09
039.0	001.6000	0799.8	055.7	124.0	000.2850	-0162.9	062.3	27.90
040.0	001.6000	0796.7	055.6	124.2	000.2850	-0162.7	063.2	27.71
041.0	001.6000	0793.2	055.5	124.3	000.2850	-0162.5	064.2	27.53
042.0	001.6000	0789.5	055.4	124.5	000.2850	-0162.2	065.1	27.35
043.0	001.6000	0785.1	055.3	124.8	000.2850	-0161.9	066.1	27.18
044.0	001.6000	0780.4	055.2	125.0	000.2850	-0161.7	067.0	27.01
045.0	001.6000	0775.8	055.0	125.2	000.2850	-0161.4	067.9	26.84
046.0	001.6000	0771.8	054.9	125.5	000.2850	-0161.3	068.8	26.67
047.0	001.6000	0768.3	054.8	125.7	000.2850	-0161.3	069.8	26.50

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNUB-FM BLED19890622KB

WNCH.A

Channel = 202A

Max ERP = 0.285 kW

RCAMSL = 283 M

N. Lat. 44 08 32.0

W. Lng. 72 39 31.0

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
108.0	000.2850	-0164.6	007.3	352.8	001.3982	0622.3	076.7	52.86	
109.0	000.2850	-0168.8	007.3	352.8	001.3971	0622.1	076.6	52.89	
110.0	000.2850	-0173.9	007.3	352.8	001.3959	0621.9	076.5	52.92	
111.0	000.2850	-0177.5	007.3	352.7	001.3947	0621.6	076.3	52.95	
112.0	000.2850	-0179.0	007.3	352.7	001.3934	0621.4	076.2	52.98	
113.0	000.2850	-0178.4	007.3	352.6	001.3921	0621.1	076.1	53.01	
114.0	000.2850	-0175.3	007.3	352.6	001.3908	0620.9	076.0	53.03	
115.0	000.2850	-0171.4	007.3	352.5	001.3894	0620.7	075.9	53.06	
116.0	000.2850	-0168.4	007.3	352.5	001.3880	0620.4	075.8	53.08	
117.0	000.2850	-0167.3	007.3	352.4	001.3865	0620.2	075.7	53.11	
118.0	000.2850	-0167.3	007.3	352.4	001.3850	0619.9	075.6	53.13	
119.0	000.2850	-0166.6	007.3	352.3	001.3835	0619.7	075.5	53.16	
120.0	000.2850	-0165.6	007.3	352.2	001.3819	0619.5	075.4	53.18	
121.0	000.2850	-0164.7	007.3	352.2	001.3803	0619.3	075.3	53.21	
122.0	000.2850	-0164.3	007.3	352.1	001.3786	0619.1	075.2	53.23	
123.0	000.2850	-0164.1	007.3	352.1	001.3769	0618.9	075.1	53.25	
124.0	000.2850	-0162.9	007.3	352.0	001.3752	0618.7	075.0	53.28	
125.0	000.2850	-0161.7	007.3	351.9	001.3734	0618.6	074.9	53.30	
126.0	000.2850	-0161.6	007.3	351.9	001.3716	0618.4	074.8	53.32	
127.0	000.2850	-0164.4	007.3	351.8	001.3697	0618.2	074.7	53.34	
128.0	000.2850	-0169.5	007.3	351.7	001.3679	0618.1	074.6	53.36	
129.0	000.2850	-0175.1	007.3	351.6	001.3659	0617.9	074.5	53.38	
130.0	000.2850	-0179.4	007.3	351.6	001.3640	0617.8	074.5	53.40	
131.0	000.2850	-0181.5	007.3	351.5	001.3620	0617.6	074.4	53.42	
132.0	000.2850	-0181.3	007.3	351.4	001.3600	0617.4	074.3	53.43	
133.0	000.2850	-0179.8	007.3	351.3	001.3579	0617.3	074.2	53.45	
134.0	000.2850	-0175.4	007.3	351.3	001.3558	0617.1	074.1	53.47	
135.0	000.2850	-0169.7	007.3	351.2	001.3537	0616.9	074.1	53.48	
136.0	000.2850	-0163.7	007.3	351.1	001.3516	0616.8	074.0	53.50	
137.0	000.2850	-0158.0	007.3	351.0	001.3494	0616.6	073.9	53.51	
138.0	000.2850	-0152.3	007.3	350.9	001.3472	0616.5	073.8	53.52	
139.0	000.2850	-0147.9	007.3	350.9	001.3450	0616.4	073.8	53.54	
140.0	000.2850	-0147.2	007.3	350.8	001.3427	0616.4	073.7	53.55	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
141.0	000.2850	-0150.0	007.3	350.7	001.3405	0616.3	073.6	53.56
142.0	000.2850	-0152.8	007.3	350.6	001.3382	0616.3	073.6	53.58
143.0	000.2850	-0153.0	007.3	350.5	001.3358	0616.4	073.5	53.59
144.0	000.2850	-0151.5	007.3	350.4	001.3335	0616.5	073.5	53.60
145.0	000.2850	-0150.2	007.3	350.3	001.3311	0616.5	073.4	53.61
146.0	000.2850	-0148.8	007.3	350.3	001.3287	0616.7	073.3	53.62
147.0	000.2850	-0145.8	007.3	350.2	001.3263	0616.8	073.3	53.63
148.0	000.2850	-0141.7	007.3	350.1	001.3239	0616.9	073.2	53.64
149.0	000.2850	-0138.4	007.3	350.0	001.3224	0617.1	073.2	53.66
150.0	000.2850	-0136.5	007.3	349.9	001.3237	0617.3	073.2	53.68
151.0	000.2850	-0133.8	007.3	349.8	001.3251	0617.5	073.1	53.70
152.0	000.2850	-0130.1	007.3	349.7	001.3265	0617.6	073.1	53.72
153.0	000.2850	-0126.7	007.3	349.6	001.3279	0617.8	073.0	53.74
154.0	000.2850	-0124.9	007.3	349.5	001.3293	0618.0	073.0	53.76
155.0	000.2850	-0127.0	007.3	349.4	001.3307	0618.1	073.0	53.77
156.0	000.2850	-0134.3	007.3	349.3	001.3321	0618.3	072.9	53.79
157.0	000.2850	-0143.2	007.3	349.2	001.3335	0618.4	072.9	53.80
158.0	000.2850	-0149.3	007.3	349.1	001.3349	0618.5	072.9	53.82
159.0	000.2850	-0150.9	007.3	349.0	001.3364	0618.6	072.9	53.83
160.0	000.2850	-0150.0	007.3	348.9	001.3378	0618.8	072.8	53.85
161.0	000.2850	-0148.7	007.3	348.8	001.3393	0618.9	072.8	53.86
162.0	000.2850	-0148.4	007.3	348.7	001.3407	0619.0	072.8	53.87
163.0	000.2850	-0149.1	007.3	348.6	001.3422	0619.2	072.8	53.88
164.0	000.2850	-0148.8	007.3	348.5	001.3436	0619.4	072.8	53.89
165.0	000.2850	-0147.2	007.3	348.4	001.3451	0619.6	072.8	53.90
166.0	000.2850	-0146.6	007.3	348.3	001.3466	0619.9	072.8	53.92
167.0	000.2850	-0149.6	007.3	348.2	001.3480	0620.2	072.8	53.93
168.0	000.2850	-0152.2	007.3	348.1	001.3495	0620.4	072.8	53.93
169.0	000.2850	-0150.6	007.3	348.0	001.3510	0620.6	072.8	53.94
170.0	000.2850	-0145.2	007.3	347.9	001.3524	0620.9	072.8	53.95
171.0	000.2850	-0138.1	007.3	347.8	001.3539	0621.1	072.8	53.96
172.0	000.2850	-0130.1	007.3	347.7	001.3554	0621.3	072.8	53.96
173.0	000.2850	-0121.9	007.3	347.6	001.3568	0621.4	072.8	53.96
174.0	000.2850	-0117.3	007.3	347.5	001.3583	0621.6	072.8	53.97
175.0	000.2850	-0114.7	007.3	347.4	001.3598	0621.6	072.8	53.97
176.0	000.2850	-0118.1	007.3	347.3	001.3612	0621.7	072.8	53.97
177.0	000.2850	-0121.6	007.3	347.2	001.3627	0621.7	072.9	53.96
178.0	000.2850	-0128.5	007.3	347.1	001.3641	0621.7	072.9	53.96
179.0	000.2850	-0134.9	007.3	347.0	001.3656	0621.7	072.9	53.96
180.0	000.2850	-0140.2	007.3	346.9	001.3670	0621.7	072.9	53.95
181.0	000.2850	-0145.0	007.3	346.8	001.3684	0621.6	073.0	53.95
182.0	000.2850	-0149.7	007.3	346.7	001.3698	0621.5	073.0	53.94
183.0	000.2850	-0155.7	007.3	346.6	001.3713	0621.4	073.0	53.93
184.0	000.2850	-0167.2	007.3	346.6	001.3727	0621.3	073.1	53.92
185.0	000.2850	-0181.2	007.3	346.5	001.3741	0621.1	073.1	53.91
186.0	000.2850	-0188.7	007.3	346.4	001.3755	0621.0	073.1	53.90
187.0	000.2850	-0195.3	007.3	346.3	001.3768	0620.9	073.2	53.89
188.0	000.2850	-0199.3	007.3	346.2	001.3782	0620.7	073.2	53.88
189.0	000.2850	-0199.5	007.3	346.1	001.3796	0620.5	073.3	53.86
190.0	000.2850	-0195.0	007.3	346.0	001.3809	0620.4	073.3	53.85
191.0	000.2850	-0187.7	007.3	345.9	001.3823	0620.2	073.4	53.83

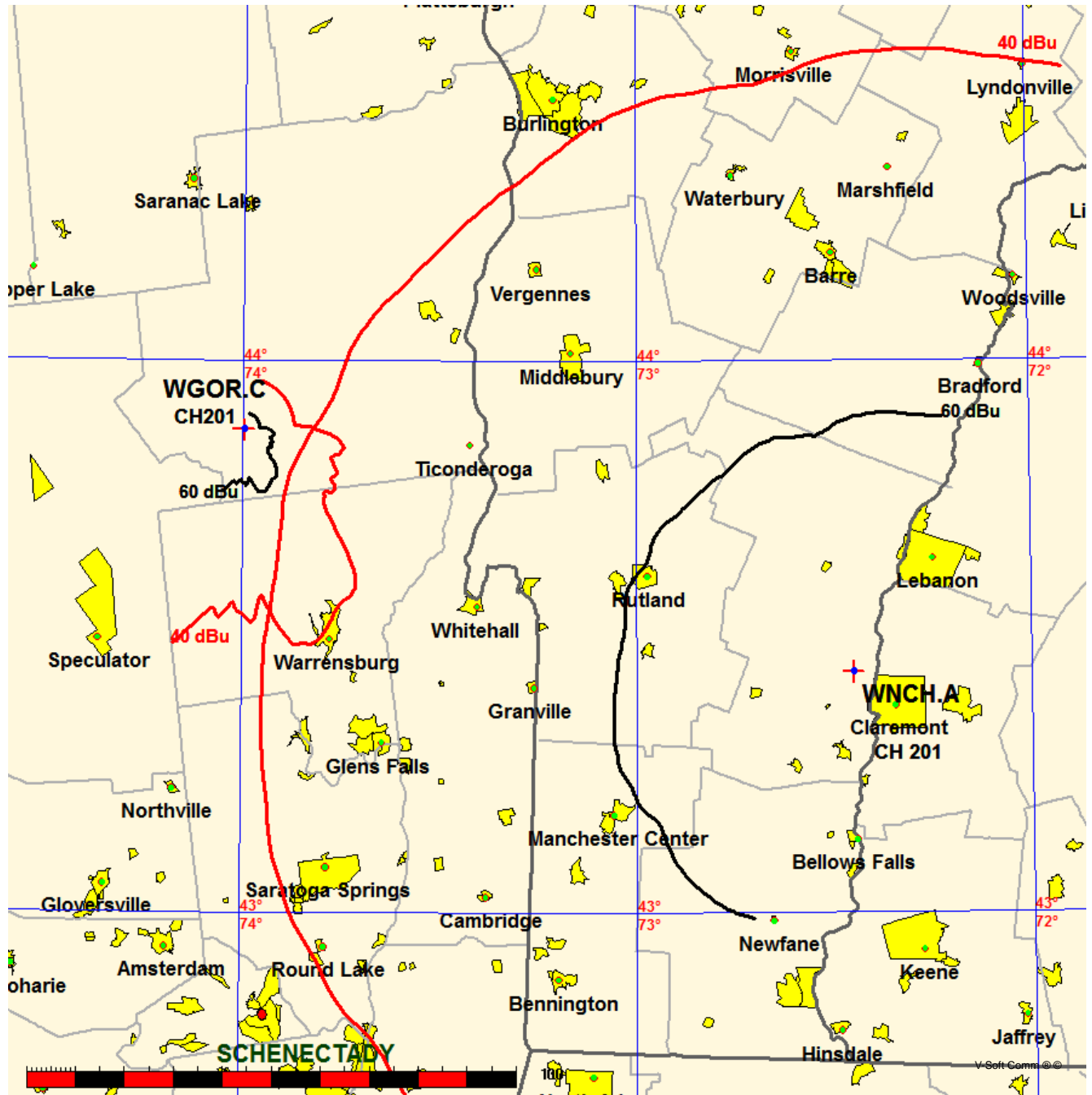
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
192.0	000.2850	-0179.2	007.3	345.8	001.3836	0620.1	073.4	53.82
193.0	000.2850	-0171.8	007.3	345.7	001.3849	0620.0	073.5	53.80
194.0	000.2850	-0163.7	007.3	345.6	001.3862	0619.8	073.6	53.78
195.0	000.2850	-0160.3	007.3	345.6	001.3875	0619.7	073.6	53.77
196.0	000.2850	-0166.9	007.3	345.5	001.3888	0619.6	073.7	53.75
197.0	000.2850	-0175.6	007.3	345.4	001.3900	0619.5	073.8	53.73
198.0	000.2850	-0178.4	007.3	345.3	001.3913	0619.4	073.8	53.71
199.0	000.2850	-0177.4	007.3	345.2	001.3925	0619.3	073.9	53.69
200.0	000.2850	-0175.5	007.3	345.1	001.3937	0619.3	074.0	53.67
201.0	000.2850	-0173.1	007.3	345.1	001.3949	0619.2	074.0	53.65
202.0	000.2850	-0169.6	007.3	345.0	001.3961	0619.2	074.1	53.63
203.0	000.2850	-0167.5	007.3	344.9	001.3972	0619.2	074.2	53.61
204.0	000.2850	-0166.9	007.3	344.8	001.3984	0619.2	074.3	53.59
205.0	000.2850	-0165.3	007.3	344.8	001.3995	0619.2	074.4	53.56
206.0	000.2850	-0161.1	007.3	344.7	001.4006	0619.3	074.4	53.54
207.0	000.2850	-0155.9	007.3	344.6	001.4017	0619.3	074.5	53.52
208.0	000.2850	-0151.9	007.3	344.5	001.4027	0619.4	074.6	53.49
209.0	000.2850	-0146.2	007.3	344.5	001.4038	0619.5	074.7	53.47
210.0	000.2850	-0135.6	007.3	344.4	001.4048	0619.6	074.8	53.45
211.0	000.2850	-0123.7	007.3	344.3	001.4058	0619.7	074.9	53.42
212.0	000.2850	-0116.7	007.3	344.3	001.4068	0619.9	075.0	53.40
213.0	000.2850	-0116.1	007.3	344.2	001.4077	0620.0	075.1	53.37
214.0	000.2850	-0119.2	007.3	344.1	001.4087	0620.2	075.2	53.35
215.0	000.2850	-0124.2	007.3	344.1	001.4096	0620.3	075.3	53.32
216.0	000.2850	-0131.6	007.3	344.0	001.4105	0620.5	075.4	53.29
217.0	000.2850	-0141.4	007.3	344.0	001.4114	0620.7	075.5	53.27
218.0	000.2850	-0149.9	007.3	343.9	001.4122	0620.8	075.6	53.24
219.0	000.2850	-0154.8	007.3	343.8	001.4131	0621.0	075.7	53.21
220.0	000.2850	-0155.5	007.3	343.8	001.4139	0621.2	075.8	53.18
221.0	000.2850	-0154.1	007.3	343.7	001.4147	0621.3	075.9	53.15
222.0	000.2850	-0152.8	007.3	343.7	001.4154	0621.5	076.0	53.12
223.0	000.2850	-0153.8	007.3	343.6	001.4162	0621.7	076.1	53.09
224.0	000.2850	-0157.5	007.3	343.6	001.4169	0621.9	076.2	53.06
225.0	000.2850	-0165.2	007.3	343.5	001.4176	0622.1	076.3	53.03
226.0	000.2850	-0174.3	007.3	343.5	001.4182	0622.2	076.4	53.00
227.0	000.2850	-0182.7	007.3	343.5	001.4189	0622.4	076.6	52.97

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 65.09 km, Out= 2.66 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WGOR-C CH 201 A DA BNPED20071012AJB
Lat= 43 51 53.4, Lng= 74 00 24.8
0.325 kW 15.8 M HAAT, 564.7 M COR
Prot.= 60 dBu, Intef.= 40 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

WGOR-C BNPED20071012AJB

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Protected

60 dBu

Channel = 201A

Max ERP = 0.325 kW

RCAMSL = 564.7 M

N. Lat. 43 51 53.4

W. Lng. 74 00 24.8

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
231.0	001.6000	0644.7	050.8	132.4	000.0641	0050.2	117.0	11.74	
232.0	001.6000	0639.9	050.6	132.2	000.0636	0050.3	116.3	11.85	
233.0	001.6000	0639.5	050.6	132.2	000.0634	0050.4	115.4	12.00	
234.0	001.6000	0644.8	050.8	132.2	000.0634	0050.4	114.5	12.17	
235.0	001.6000	0654.7	051.2	132.3	000.0637	0050.3	113.5	12.36	
236.0	001.6000	0664.4	051.5	132.3	000.0639	0050.3	112.6	12.54	
237.0	001.6000	0670.9	051.7	132.3	000.0639	0050.3	111.7	12.71	
238.0	001.6000	0672.4	051.8	132.2	000.0636	0050.3	110.8	12.86	
239.0	001.6000	0670.4	051.7	132.1	000.0632	0050.5	109.9	12.99	
240.0	001.6000	0666.1	051.6	131.9	000.0626	0050.5	109.1	13.10	
241.0	001.6000	0662.4	051.4	131.7	000.0620	0050.5	108.3	13.21	
242.0	001.6000	0660.9	051.4	131.5	000.0614	0050.6	107.4	13.33	
243.0	001.6000	0662.5	051.4	131.3	000.0611	0050.6	106.6	13.47	
244.0	001.6000	0667.2	051.6	131.2	000.0608	0050.7	105.7	13.62	
245.0	001.6000	0673.0	051.8	131.2	000.0605	0050.7	104.8	13.77	
246.0	001.6000	0676.5	051.9	131.0	000.0602	0050.9	103.9	13.91	
247.0	001.6000	0676.9	051.9	130.8	000.0596	0051.0	103.1	14.04	
248.0	001.6000	0673.3	051.8	130.5	000.0588	0051.0	102.3	14.12	
249.0	001.6000	0668.3	051.6	130.2	000.0579	0050.8	101.6	14.19	
250.0	001.6000	0664.0	051.5	129.9	000.0571	0050.6	100.8	14.26	
251.0	001.6000	0661.3	051.4	129.6	000.0566	0050.2	100.1	14.35	
252.0	001.6000	0660.5	051.4	129.3	000.0560	0049.7	099.4	14.44	
253.0	001.6000	0657.9	051.3	129.0	000.0554	0049.5	098.7	14.52	
254.0	001.6000	0652.0	051.1	128.6	000.0547	0049.6	098.0	14.60	
255.0	001.6000	0643.6	050.8	128.2	000.0539	0049.9	097.5	14.65	
256.0	001.6000	0635.9	050.5	127.7	000.0530	0050.8	096.9	14.74	
257.0	001.6000	0629.2	050.2	127.3	000.0522	0052.2	096.4	14.85	
258.0	001.6000	0624.0	050.0	126.9	000.0515	0053.6	095.8	14.96	
259.0	001.6000	0619.6	049.9	126.4	000.0507	0055.3	095.3	15.09	
260.0	001.6000	0615.4	049.7	126.0	000.0500	0057.0	094.7	15.22	
261.0	001.6000	0611.3	049.6	125.6	000.0492	0058.6	094.2	15.34	
262.0	001.6000	0608.1	049.5	125.2	000.0485	0059.7	093.7	15.44	
263.0	001.6000	0604.9	049.3	124.7	000.0477	0060.6	093.2	15.53	
264.0	001.6000	0601.6	049.2	124.3	000.0469	0061.3	092.7	15.60	
265.0	001.6000	0597.3	049.0	123.8	000.0461	0061.7	092.3	15.64	
266.0	001.6000	0592.8	048.9	123.3	000.0453	0061.7	091.9	15.66	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
267.0	001.6000	0588.7	048.7	122.8	000.0445	0061.3	091.5	15.65
268.0	001.6000	0585.6	048.6	122.4	000.0437	0060.7	091.1	15.64
269.0	001.6000	0583.6	048.5	121.9	000.0429	0059.9	090.7	15.63
270.0	001.6000	0581.8	048.4	121.4	000.0421	0058.8	090.3	15.59
271.0	001.6000	0580.0	048.3	120.9	000.0413	0057.8	089.9	15.55
272.0	001.6000	0578.1	048.3	120.4	000.0405	0056.8	089.6	15.51
273.0	001.6000	0575.9	048.2	119.9	000.0397	0056.2	089.2	15.47
274.0	001.6000	0572.7	048.0	119.4	000.0389	0056.2	089.0	15.44
275.0	001.6000	0569.0	047.9	118.9	000.0380	0056.9	088.8	15.43
276.0	001.6000	0565.3	047.7	118.4	000.0372	0058.3	088.6	15.45
277.0	001.6000	0563.5	047.6	117.8	000.0363	0060.2	088.3	15.50
278.0	001.6000	0563.5	047.6	117.3	000.0356	0062.2	088.0	15.58
279.0	001.6000	0563.2	047.6	116.8	000.0348	0064.0	087.8	15.63
280.0	001.6000	0563.8	047.6	116.3	000.0340	0065.4	087.5	15.67
281.0	001.6000	0566.6	047.8	115.8	000.0332	0066.3	087.1	15.70
282.0	001.6000	0568.9	047.9	115.3	000.0325	0066.5	086.8	15.69
283.0	001.6000	0572.3	048.0	114.8	000.0317	0066.2	086.5	15.66
284.0	001.6000	0577.5	048.2	114.3	000.0310	0065.5	086.1	15.62
285.0	001.6000	0583.1	048.5	113.7	000.0302	0064.5	085.7	15.56
286.0	001.6000	0589.8	048.7	113.2	000.0294	0063.7	085.3	15.51
287.0	001.6000	0595.6	049.0	112.6	000.0287	0063.1	085.0	15.45
288.0	001.6000	0598.2	049.1	112.1	000.0279	0062.8	084.8	15.36
289.0	001.6000	0598.5	049.1	111.5	000.0271	0062.5	084.7	15.24
290.0	001.6000	0595.6	049.0	110.9	000.0263	0062.1	084.8	15.08
291.0	001.6000	0591.0	048.8	110.3	000.0256	0061.6	085.0	14.88
292.0	001.6000	0586.0	048.6	109.8	000.0249	0061.1	085.2	14.69
293.0	001.6000	0580.7	048.4	109.2	000.0243	0061.0	085.4	14.52
294.0	001.6000	0574.9	048.1	108.7	000.0238	0061.4	085.7	14.36
295.0	001.6000	0569.0	047.9	108.1	000.0232	0062.5	086.0	14.24
296.0	001.6000	0564.7	047.7	107.6	000.0227	0064.3	086.3	14.15
297.0	001.6000	0562.8	047.6	107.0	000.0222	0066.8	086.5	14.12
298.0	001.6000	0564.3	047.7	106.5	000.0216	0069.5	086.6	14.13
299.0	001.6000	0568.7	047.9	105.9	000.0211	0072.5	086.6	14.18
300.0	001.6000	0575.1	048.1	105.4	000.0206	0075.9	086.5	14.25
301.0	001.6000	0582.1	048.4	104.8	000.0200	0078.7	086.4	14.28
302.0	001.6000	0587.6	048.7	104.2	000.0195	0080.5	086.5	14.25
303.0	001.6000	0590.7	048.8	103.6	000.0190	0081.8	086.6	14.16
304.0	001.6000	0590.8	048.8	103.1	000.0185	0083.4	086.9	14.06
305.0	001.6000	0589.6	048.7	102.6	000.0181	0085.3	087.2	13.94
306.0	001.6000	0588.0	048.7	102.1	000.0176	0087.0	087.6	13.82
307.0	001.6000	0585.4	048.6	101.6	000.0172	0088.4	088.0	13.66
308.0	001.6000	0580.2	048.4	101.2	000.0168	0089.3	088.6	13.47
309.0	001.6000	0573.8	048.1	100.8	000.0165	0090.0	089.2	13.24
310.0	001.6000	0569.1	047.9	100.3	000.0162	0090.3	089.8	13.01
311.0	001.6000	0566.9	047.8	099.9	000.0158	0090.1	090.3	12.79
312.0	001.6000	0565.5	047.7	099.5	000.0156	0089.7	090.7	12.57
313.0	001.6000	0563.8	047.6	099.1	000.0153	0089.1	091.3	12.34
314.0	001.6000	0562.3	047.6	098.7	000.0151	0088.7	091.8	12.11
315.0	001.6000	0561.7	047.6	098.2	000.0148	0088.2	092.3	11.89
316.0	001.6000	0561.6	047.5	097.8	000.0146	0087.8	092.8	11.68
317.0	001.6000	0562.7	047.6	097.4	000.0143	0087.3	093.2	11.46

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
318.0	001.6000	0563.5	047.6	097.0	000.0141	0086.9	093.7	11.25
319.0	001.6000	0563.6	047.6	096.6	000.0139	0086.5	094.3	11.03
320.0	001.6000	0563.5	047.6	096.3	000.0136	0085.7	094.8	10.79
321.0	001.6000	0563.5	047.6	095.9	000.0134	0084.6	095.4	10.54
322.0	001.6000	0564.4	047.7	095.5	000.0132	0083.0	096.0	10.27
323.0	001.6000	0565.4	047.7	095.2	000.0130	0081.2	096.5	10.00
324.0	001.6000	0564.4	047.7	094.8	000.0129	0079.7	097.2	09.73
325.0	001.6000	0562.5	047.6	094.6	000.0127	0078.5	097.9	09.48
326.0	001.6000	0562.7	047.6	094.3	000.0125	0077.2	098.5	09.22
327.0	001.6000	0566.6	047.8	093.9	000.0123	0075.9	099.0	08.98
328.0	001.6000	0570.9	048.0	093.5	000.0121	0074.7	099.6	08.75
329.0	001.6000	0574.2	048.1	093.1	000.0119	0073.7	100.2	08.51
330.0	001.6000	0578.1	048.3	092.8	000.0117	0072.4	100.8	08.27
331.0	001.6000	0584.0	048.5	092.4	000.0115	0070.6	101.3	08.00
332.0	001.6000	0590.4	048.8	092.0	000.0113	0068.8	101.9	07.74
333.0	001.6000	0596.3	049.0	091.7	000.0112	0067.2	102.5	07.49
334.0	001.6000	0600.7	049.2	091.4	000.0110	0065.7	103.2	07.24
335.0	001.6000	0604.0	049.3	091.1	000.0109	0064.4	103.9	06.99
336.0	001.6000	0607.6	049.4	090.8	000.0107	0063.0	104.6	06.75
337.0	001.5674	0612.2	049.4	090.6	000.0106	0062.2	105.4	06.53
338.0	001.5351	0617.4	049.4	090.4	000.0105	0061.3	106.2	06.31
339.0	001.5031	0623.5	049.4	090.3	000.0104	0060.4	107.0	06.10
340.0	001.4715	0629.8	049.4	090.1	000.0103	0059.5	107.8	05.88
341.0	001.4562	0632.5	049.4	089.9	000.0103	0058.8	108.6	05.69
342.0	001.4410	0629.5	049.2	089.9	000.0103	0058.6	109.5	05.52
343.0	001.4258	0624.5	048.9	089.9	000.0103	0058.6	110.4	05.36
344.0	001.4108	0620.5	048.7	089.9	000.0103	0058.6	111.2	05.20
345.0	001.3958	0619.2	048.5	089.8	000.0103	0058.3	112.1	05.03
346.0	001.3809	0620.4	048.5	089.7	000.0103	0057.9	112.9	04.87
347.0	001.3660	0621.7	048.4	089.7	000.0103	0057.6	113.8	04.70
348.0	001.3513	0620.7	048.3	089.6	000.0103	0057.5	114.6	04.55
349.0	001.3366	0618.7	048.1	089.6	000.0103	0057.5	115.5	04.39
350.0	001.3220	0617.1	047.9	089.6	000.0103	0057.5	116.3	04.24

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WGOR-C BNPED20071012AJB

WNCH.A

Channel = 201A

Max ERP = 0.325 kW

RCAMSL = 564.7 M

N. Lat. 43 51 53.4

W. Lng. 74 00 24.8

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
050.0	000.0103	-0043.4	003.2	292.5	001.6000	0583.2	132.3	36.96	
051.0	000.0103	-0052.8	003.2	292.5	001.6000	0583.3	132.2	36.97	
052.0	000.0103	-0064.1	003.2	292.5	001.6000	0583.4	132.2	36.99	
053.0	000.0103	-0074.5	003.2	292.5	001.6000	0583.4	132.1	37.00	
054.0	000.0103	-0081.0	003.2	292.5	001.6000	0583.5	132.1	37.01	
055.0	000.0103	-0082.8	003.2	292.5	001.6000	0583.6	132.0	37.03	
056.0	000.0103	-0081.7	003.2	292.5	001.6000	0583.6	132.0	37.04	
057.0	000.0103	-0081.8	003.2	292.4	001.6000	0583.7	131.9	37.05	
058.0	000.0103	-0082.5	003.2	292.4	001.6000	0583.8	131.9	37.07	
059.0	000.0103	-0083.8	003.2	292.4	001.6000	0583.9	131.8	37.08	
060.0	000.0103	-0084.6	003.2	292.4	001.6000	0583.9	131.8	37.09	
061.0	000.0103	-0086.1	003.2	292.4	001.6000	0584.0	131.7	37.10	
062.0	000.0103	-0087.6	003.2	292.4	001.6000	0584.1	131.7	37.12	
063.0	000.0103	-0089.7	003.2	292.3	001.6000	0584.2	131.7	37.13	
064.0	000.0103	-0091.4	003.2	292.3	001.6000	0584.3	131.6	37.14	
065.0	000.0103	-0090.0	003.2	292.3	001.6000	0584.3	131.6	37.15	
066.0	000.0103	-0087.8	003.2	292.3	001.6000	0584.4	131.5	37.16	
067.0	000.0103	-0087.3	003.2	292.3	001.6000	0584.5	131.5	37.18	
068.0	000.0103	-0089.6	003.2	292.3	001.6000	0584.6	131.5	37.19	
069.0	000.0103	-0094.8	003.2	292.2	001.6000	0584.7	131.4	37.20	
070.0	000.0103	-0100.6	003.2	292.2	001.6000	0584.8	131.4	37.21	
071.0	000.0103	-0108.4	003.2	292.2	001.6000	0584.9	131.4	37.22	
072.0	000.0103	-0115.6	003.2	292.2	001.6000	0585.0	131.3	37.23	
073.0	000.0103	-0117.4	003.2	292.2	001.6000	0585.1	131.3	37.24	
074.0	000.0103	-0113.2	003.2	292.2	001.6000	0585.2	131.3	37.25	
075.0	000.0103	-0103.1	003.2	292.1	001.6000	0585.3	131.2	37.26	
076.0	000.0103	-0091.1	003.2	292.1	001.6000	0585.4	131.2	37.27	
077.0	000.0103	-0079.2	003.2	292.1	001.6000	0585.5	131.2	37.28	
078.0	000.0103	-0068.4	003.2	292.1	001.6000	0585.6	131.1	37.29	
079.0	000.0103	-0058.6	003.2	292.1	001.6000	0585.7	131.1	37.30	
080.0	000.0103	-0048.2	003.2	292.0	001.6000	0585.8	131.1	37.31	
081.0	000.0103	-0035.7	003.2	292.0	001.6000	0586.0	131.0	37.32	
082.0	000.0103	-0022.0	003.2	292.0	001.6000	0586.1	131.0	37.33	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
083.0	000.0103	-0010.2	003.2	292.0	001.6000	0586.2	131.0	37.34
084.0	000.0103	-0000.7	003.2	291.9	001.6000	0586.3	131.0	37.34
085.0	000.0103	0010.0	003.2	291.9	001.6000	0586.4	130.9	37.35
086.0	000.0103	0021.6	003.2	291.9	001.6000	0586.6	130.9	37.36
087.0	000.0103	0033.0	003.3	291.9	001.6000	0586.5	130.8	37.40
088.0	000.0103	0043.2	003.8	292.0	001.6000	0586.2	130.3	37.53
089.0	000.0103	0053.9	004.3	292.0	001.6000	0585.9	129.8	37.65
090.0	000.0103	0059.2	004.5	292.0	001.6000	0585.9	129.6	37.71
091.0	000.0108	0063.9	004.8	292.0	001.6000	0585.9	129.3	37.77
092.0	000.0113	0068.6	005.0	292.0	001.6000	0585.9	129.1	37.84
093.0	000.0118	0073.2	005.2	292.0	001.6000	0585.9	128.9	37.90
094.0	000.0124	0076.3	005.4	292.0	001.6000	0586.0	128.7	37.95
095.0	000.0129	0080.4	005.6	292.0	001.6000	0586.1	128.5	38.01
096.0	000.0135	0084.9	005.8	292.0	001.6000	0586.2	128.2	38.08
097.0	000.0141	0086.9	005.9	291.9	001.6000	0586.4	128.1	38.12
098.0	000.0147	0087.9	006.0	291.9	001.6000	0586.6	128.0	38.15
099.0	000.0153	0089.0	006.1	291.9	001.6000	0586.8	127.8	38.19
100.0	000.0159	0090.2	006.2	291.8	001.6000	0587.0	127.7	38.22
101.0	000.0167	0089.6	006.3	291.8	001.6000	0587.2	127.6	38.25
102.0	000.0176	0087.2	006.2	291.7	001.6000	0587.4	127.6	38.25
103.0	000.0184	0083.8	006.2	291.7	001.6000	0587.7	127.7	38.24
104.0	000.0193	0080.9	006.1	291.6	001.6000	0587.9	127.7	38.24
105.0	000.0202	0077.7	006.1	291.6	001.6000	0588.2	127.8	38.23
106.0	000.0212	0072.2	005.9	291.5	001.6000	0588.4	127.9	38.19
107.0	000.0221	0067.0	005.8	291.5	001.6000	0588.7	128.0	38.16
108.0	000.0231	0062.8	005.7	291.4	001.6000	0588.9	128.1	38.13
109.0	000.0241	0061.1	005.7	291.4	001.6000	0589.1	128.2	38.13
110.0	000.0251	0061.3	005.7	291.3	001.6000	0589.3	128.1	38.16
111.0	000.0264	0062.2	005.8	291.3	001.6000	0589.5	128.0	38.19
112.0	000.0278	0062.7	005.9	291.3	001.6000	0589.8	127.9	38.21
113.0	000.0292	0063.5	006.0	291.2	001.6000	0590.0	127.8	38.24
114.0	000.0306	0065.0	006.2	291.2	001.6000	0590.2	127.7	38.28
115.0	000.0320	0066.4	006.3	291.1	001.6000	0590.5	127.5	38.32
116.0	000.0335	0066.0	006.3	291.0	001.6000	0590.7	127.5	38.33
117.0	000.0351	0063.5	006.3	291.0	001.6000	0591.0	127.6	38.32
118.0	000.0366	0059.6	006.2	291.0	001.6000	0591.2	127.7	38.29
119.0	000.0382	0056.7	006.1	290.9	001.6000	0591.4	127.8	38.26
120.0	000.0398	0056.3	006.1	290.9	001.6000	0591.6	127.8	38.27
121.0	000.0414	0057.9	006.3	290.8	001.6000	0591.9	127.6	38.31
122.0	000.0431	0060.2	006.5	290.7	001.6000	0592.2	127.5	38.35
123.0	000.0447	0061.5	006.6	290.7	001.6000	0592.5	127.4	38.38
124.0	000.0464	0061.6	006.6	290.6	001.6000	0592.8	127.4	38.40
125.0	000.0482	0060.0	006.6	290.6	001.6000	0593.0	127.4	38.39
126.0	000.0499	0057.1	006.5	290.5	001.6000	0593.2	127.5	38.35
127.0	000.0517	0053.1	006.4	290.5	001.6000	0593.3	127.7	38.30
128.0	000.0536	0050.1	006.2	290.5	001.6000	0593.4	127.9	38.26
129.0	000.0554	0049.5	006.2	290.4	001.6000	0593.7	127.9	38.26
130.0	000.0573	0050.7	006.4	290.4	001.6000	0594.0	127.8	38.28
131.0	000.0601	0050.9	006.4	290.3	001.6000	0594.2	127.8	38.30
132.0	000.0629	0050.5	006.5	290.3	001.6000	0594.5	127.8	38.30
133.0	000.0658	0050.5	006.6	290.2	001.6000	0594.7	127.8	38.31

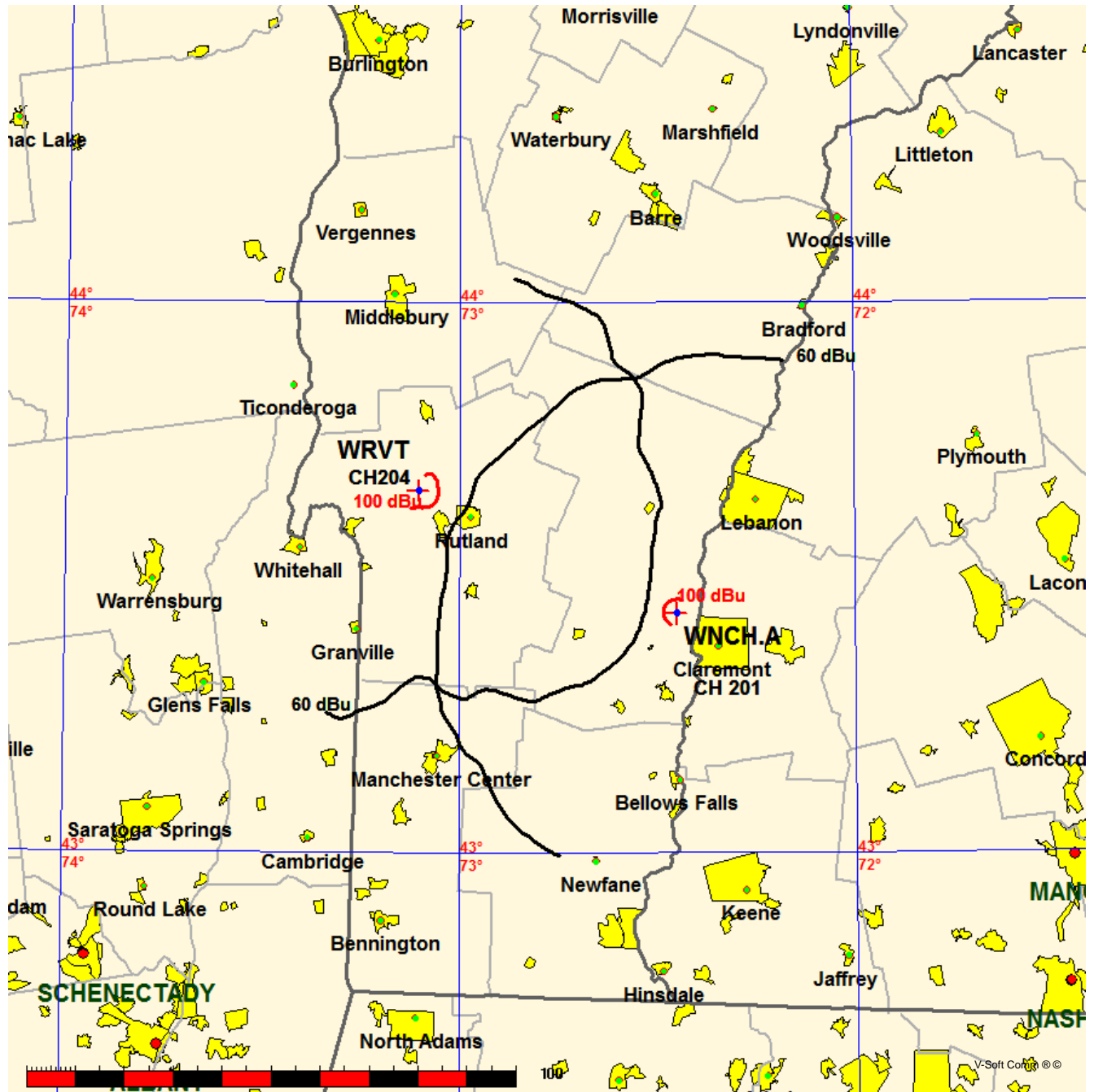
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
134.0	000.0688	0052.5	006.8	290.1	001.6000	0595.1	127.6	38.35
135.0	000.0718	0056.0	007.1	290.0	001.6000	0595.5	127.4	38.42
136.0	000.0749	0061.5	007.5	289.9	001.6000	0596.1	127.1	38.51
137.0	000.0780	0068.1	008.0	289.7	001.6000	0596.7	126.8	38.61
138.0	000.0812	0076.0	008.5	289.5	001.6000	0597.3	126.3	38.74
139.0	000.0845	0084.7	009.1	289.3	001.6000	0597.8	125.9	38.87
140.0	000.0879	0093.4	009.7	289.1	001.6000	0598.3	125.5	38.98
141.0	000.0923	0101.6	010.2	288.9	001.6000	0598.6	125.2	39.08
142.0	000.0969	0108.8	010.7	288.8	001.6000	0598.7	124.9	39.16
143.0	000.1016	0114.3	011.0	288.6	001.6000	0598.8	124.7	39.22
144.0	000.1063	0117.8	011.3	288.4	001.6000	0598.7	124.6	39.25
145.0	000.1112	0119.6	011.5	288.3	001.6000	0598.6	124.5	39.26
146.0	000.1162	0120.4	011.7	288.2	001.6000	0598.5	124.5	39.25
147.0	000.1213	0119.9	011.8	288.1	001.6000	0598.4	124.6	39.24
148.0	000.1265	0118.0	011.8	288.0	001.6000	0598.2	124.7	39.21
149.0	000.1319	0115.2	011.8	287.9	001.6000	0598.1	124.8	39.16
150.0	000.1373	0113.2	011.8	287.9	001.6000	0598.0	125.0	39.13
151.0	000.1429	0111.9	011.9	287.8	001.6000	0597.9	125.1	39.10
152.0	000.1485	0111.1	011.9	287.7	001.6000	0597.7	125.2	39.07
153.0	000.1543	0110.8	012.0	287.6	001.6000	0597.5	125.2	39.04
154.0	000.1602	0111.3	012.2	287.5	001.6000	0597.2	125.3	39.02
155.0	000.1661	0112.9	012.3	287.4	001.6000	0596.8	125.3	39.01
156.0	000.1722	0114.9	012.6	287.2	001.6000	0596.4	125.4	38.99
157.0	000.1785	0116.5	012.7	287.1	001.6000	0595.9	125.4	38.97
158.0	000.1848	0117.5	012.9	287.0	001.6000	0595.4	125.5	38.95
159.0	000.1912	0118.1	013.1	286.8	001.6000	0594.9	125.6	38.91
160.0	000.1977	0118.7	013.2	286.7	001.6000	0594.3	125.7	38.88
161.0	000.2039	0119.6	013.3	286.6	001.6000	0593.7	125.8	38.84
162.0	000.2101	0119.1	013.4	286.5	001.6000	0593.2	125.9	38.79
163.0	000.2164	0115.6	013.3	286.5	001.6000	0593.1	126.2	38.73
164.0	000.2228	0110.7	013.1	286.5	001.6000	0593.2	126.5	38.65
165.0	000.2293	0107.9	013.1	286.5	001.6000	0593.0	126.7	38.58
166.0	000.2359	0107.2	013.1	286.4	001.6000	0592.6	126.9	38.53
167.0	000.2426	0104.2	013.0	286.4	001.6000	0592.5	127.1	38.46
168.0	000.2494	0097.3	012.7	286.5	001.6000	0593.1	127.5	38.37
169.0	000.2563	0089.0	012.2	286.6	001.6000	0593.8	127.9	38.27

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 5.99 km, Out= 3.95 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 100 dBu

WRVT CH 204 C2 DA BLED20101206ACJ
Lat= 43 39 31.0, Lng= 73 06 25.0
4.8 kW 412 M HAAT, 663 M COR
Prot.= 60 dBu, Intef.= 100 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

WRVT BLED20101206ACJ

Channel = 201B
 Max ERP = 1.6 kW
 RCAMSL = 972.5 M
 N. Lat. 43 26 15.0
 W. Lng. 72 27 08.0
 Protected
 60 dBu

Channel = 204C2
 Max ERP = 4.8 kW
 RCAMSL = 663 M
 N. Lat. 43 39 31.0
 W. Lng. 73 06 25.0
 Interfering
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
235.0	001.6000	0654.7	051.2	168.4	004.8000	0293.9	055.1	57.49	
236.0	001.6000	0664.4	051.5	169.0	004.8000	0289.2	054.4	57.60	
237.0	001.6000	0670.9	051.7	169.6	004.8000	0284.4	053.6	57.73	
238.0	001.6000	0672.4	051.8	170.1	004.8000	0281.1	052.8	57.95	
239.0	001.6000	0670.4	051.7	170.4	004.8000	0278.8	052.0	58.22	
240.0	001.6000	0666.1	051.6	170.6	004.8000	0277.2	051.1	58.53	
241.0	001.6000	0662.4	051.4	170.8	004.8000	0275.6	050.2	58.83	
242.0	001.6000	0660.9	051.4	171.1	004.8000	0273.5	049.3	59.11	
243.0	001.6000	0662.5	051.4	171.5	004.8000	0270.8	048.5	59.36	
244.0	001.6000	0667.2	051.6	172.0	004.8000	0267.2	047.7	59.56	
245.0	001.6000	0673.0	051.8	172.6	004.8000	0263.1	046.9	59.75	
246.0	001.6000	0676.5	051.9	173.0	004.8000	0259.4	046.0	59.97	
247.0	001.6000	0676.9	051.9	173.4	004.8000	0255.6	045.2	60.20	
248.0	001.6000	0673.3	051.8	173.6	004.8000	0253.6	044.3	60.51	
249.0	001.6000	0668.3	051.6	173.7	004.8000	0252.4	043.4	60.87	
250.0	001.6000	0664.0	051.5	173.8	004.8000	0251.0	042.5	61.22	
251.0	001.6000	0661.3	051.4	173.9	004.8000	0248.9	041.6	61.54	
252.0	001.6000	0660.5	051.4	174.2	004.8000	0245.4	040.7	61.81	
253.0	001.6000	0657.9	051.3	174.3	004.8000	0243.4	039.8	62.15	
254.0	001.6000	0652.0	051.1	174.3	004.8000	0244.1	038.9	62.60	
255.0	001.6000	0643.6	050.8	174.0	004.8000	0247.3	037.9	63.14	
256.0	001.6000	0635.9	050.5	173.8	004.8000	0250.2	037.0	63.67	
257.0	001.6000	0629.2	050.2	173.6	004.8000	0252.9	036.1	64.18	
258.0	001.6000	0624.0	050.0	173.5	004.8000	0254.7	035.2	64.67	
259.0	001.6000	0619.6	049.9	173.3	004.8000	0256.3	034.3	65.15	
260.0	001.6000	0615.4	049.7	173.2	004.8000	0258.1	033.5	65.64	
261.0	001.6000	0611.3	049.6	173.0	004.8000	0259.9	032.6	66.14	
262.0	001.6000	0608.1	049.5	172.8	004.8000	0261.3	031.7	66.62	
263.0	001.6000	0604.9	049.3	172.6	004.8000	0262.9	030.9	67.13	
264.0	001.6000	0601.6	049.2	172.3	004.8000	0264.8	030.0	67.68	
265.0	001.6000	0597.3	049.0	172.0	004.8000	0267.5	029.1	68.26	
266.0	001.6000	0592.8	048.9	171.5	004.8000	0270.6	028.3	68.88	
267.0	001.6000	0588.7	048.7	171.0	004.8000	0273.8	027.5	69.51	
268.0	001.6000	0585.6	048.6	170.6	004.8000	0277.2	026.6	70.17	
269.0	001.6000	0583.6	048.5	170.1	004.8000	0280.6	025.8	70.84	
270.0	001.6000	0581.8	048.4	169.6	004.8000	0284.3	025.0	71.53	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
271.0	001.6000	0580.0	048.3	169.1	004.8000	0288.6	024.2	72.24
272.0	001.6000	0578.1	048.3	168.5	004.8000	0293.5	023.4	72.98
273.0	001.6000	0575.9	048.2	167.8	004.8000	0297.1	022.6	73.68
274.0	001.6000	0572.7	048.0	166.8	004.8000	0296.3	021.8	74.25
275.0	001.6000	0569.0	047.9	165.7	004.8000	0292.4	021.1	74.72
276.0	001.6000	0565.3	047.7	164.5	004.8000	0288.8	020.3	75.20
277.0	001.6000	0563.5	047.6	163.4	004.8000	0285.3	019.6	75.69
278.0	001.6000	0563.5	047.6	162.3	004.8000	0283.9	018.8	76.26
279.0	001.6000	0563.2	047.6	161.2	004.8000	0286.2	018.1	76.94
280.0	001.6000	0563.8	047.6	159.9	004.8000	0292.3	017.4	77.72
281.0	001.6000	0566.6	047.8	158.9	004.8000	0301.5	016.6	78.62
282.0	001.6000	0568.9	047.9	157.6	004.8000	0315.5	015.8	79.62
283.0	001.6000	0572.3	048.0	156.2	004.8000	0331.0	015.0	80.66
284.0	001.6000	0577.5	048.2	154.9	004.8000	0346.9	014.2	82.03
285.0	001.6000	0583.1	048.5	153.4	004.8000	0366.5	013.5	83.54
286.0	001.6000	0589.8	048.7	151.7	004.8000	0385.8	012.6	85.02
287.0	001.6000	0595.6	049.0	149.6	004.8000	0396.9	011.9	86.29
288.0	001.6000	0598.2	049.1	146.7	004.8000	0400.5	011.2	87.27
289.0	001.6000	0598.5	049.1	143.2	004.8000	0416.0	010.7	88.28
290.0	001.6000	0595.6	049.0	138.9	004.8000	0447.9	010.4	89.23
291.0	001.6000	0591.0	048.8	134.2	004.8000	0463.1	010.2	89.69
292.0	001.6000	0586.0	048.6	129.3	004.8000	0475.9	010.0	89.95
293.0	001.6000	0580.7	048.4	124.3	004.8000	0473.7	010.0	89.93
294.0	001.6000	0574.9	048.1	119.4	004.8000	0460.1	010.2	89.66
295.0	001.6000	0569.0	047.9	114.7	004.8000	0440.0	010.4	89.15
296.0	001.6000	0564.7	047.7	110.2	004.8000	0420.3	010.6	88.54
297.0	001.6000	0562.8	047.6	105.9	004.8000	0401.8	010.8	87.95
298.0	001.6000	0564.3	047.7	101.5	004.8000	0395.3	010.9	87.65
299.0	001.6000	0568.7	047.9	097.1	004.8000	0392.0	011.0	87.46
300.0	001.6000	0575.1	048.1	092.5	004.8000	0401.4	011.1	87.49
301.0	001.6000	0582.1	048.4	088.0	004.8000	0378.9	011.3	86.86
302.0	001.6000	0587.6	048.7	083.9	004.8000	0357.5	011.6	85.97
303.0	001.6000	0590.7	048.8	080.4	004.8000	0337.7	012.0	84.82
304.0	001.6000	0590.8	048.8	077.5	004.8000	0341.4	012.6	84.07
305.0	001.6000	0589.6	048.7	075.2	004.8000	0351.5	013.3	83.41
306.0	001.6000	0588.0	048.7	073.1	004.8000	0361.8	014.0	82.74
307.0	001.6000	0585.4	048.6	071.5	004.8000	0372.1	014.7	82.05
308.0	001.6000	0580.2	048.4	070.4	004.8000	0381.0	015.5	81.47
309.0	001.6000	0573.8	048.1	069.6	004.8000	0388.0	016.4	80.93
310.0	001.6000	0569.1	047.9	068.8	004.8000	0394.3	017.2	80.40
311.0	001.6000	0566.9	047.8	067.8	004.8000	0400.3	018.0	79.92
312.0	001.6000	0565.5	047.7	066.8	004.8000	0404.1	018.8	79.39
313.0	001.6000	0563.8	047.6	066.0	004.8000	0405.1	019.6	78.78
314.0	001.6000	0562.3	047.6	065.3	004.8000	0404.7	020.4	78.15
315.0	001.6000	0561.7	047.6	064.5	004.8000	0403.6	021.1	77.52
316.0	001.6000	0561.6	047.5	063.8	004.8000	0402.1	021.9	76.88
317.0	001.6000	0562.7	047.6	063.1	004.8000	0399.7	022.7	76.24
318.0	001.6000	0563.5	047.6	062.4	004.8000	0396.8	023.5	75.59
319.0	001.6000	0563.6	047.6	061.9	004.8000	0394.0	024.3	74.94
320.0	001.6000	0563.5	047.6	061.5	004.8000	0391.4	025.1	74.31
321.0	001.6000	0563.5	047.6	061.2	004.8000	0388.9	025.9	73.69

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
322.0	001.6000	0564.4	047.7	060.8	004.8000	0386.0	026.7	73.08
323.0	001.6000	0565.4	047.7	060.4	004.8000	0383.4	027.5	72.49
324.0	001.6000	0564.4	047.7	060.3	004.8000	0382.4	028.4	71.95
325.0	001.6000	0562.5	047.6	060.3	004.8000	0382.4	029.2	71.45
326.0	001.6000	0562.7	047.6	060.1	004.8000	0381.1	030.0	70.95
327.0	001.6000	0566.6	047.8	059.7	004.8000	0377.8	030.8	70.41
328.0	001.6000	0570.9	048.0	059.3	004.8000	0374.8	031.7	69.91
329.0	001.6000	0574.2	048.1	059.0	004.8000	0372.9	032.5	69.45
330.0	001.6000	0578.1	048.3	058.7	004.8000	0371.1	033.3	69.00
331.0	001.6000	0584.0	048.5	058.4	004.8000	0369.1	034.2	68.54
332.0	001.6000	0590.4	048.8	058.0	004.8000	0367.8	035.0	68.10
333.0	001.6000	0596.3	049.0	057.7	004.8000	0367.2	035.9	67.67
334.0	001.6000	0600.7	049.2	057.6	004.8000	0366.9	036.8	67.27
335.0	001.6000	0604.0	049.3	057.5	004.8000	0366.8	037.6	66.87
336.0	001.6000	0607.6	049.4	057.5	004.8000	0366.7	038.5	66.47
337.0	001.5674	0612.2	049.4	057.7	004.8000	0367.2	039.4	66.11
338.0	001.5351	0617.4	049.4	058.0	004.8000	0367.7	040.2	65.75
339.0	001.5031	0623.5	049.4	058.1	004.8000	0368.2	041.0	65.39
340.0	001.4715	0629.8	049.4	058.3	004.8000	0369.0	041.9	65.05
341.0	001.4562	0632.5	049.4	058.6	004.8000	0370.2	042.7	64.73
342.0	001.4410	0629.5	049.2	059.1	004.8000	0373.4	043.5	64.49
343.0	001.4258	0624.5	048.9	059.7	004.8000	0377.8	044.3	64.29
344.0	001.4108	0620.5	048.7	060.3	004.8000	0382.1	045.1	64.10
345.0	001.3958	0619.2	048.5	060.7	004.8000	0385.4	045.9	63.87
346.0	001.3809	0620.4	048.5	061.0	004.8000	0387.9	046.7	63.62
347.0	001.3660	0621.7	048.4	061.4	004.8000	0390.2	047.5	63.38
348.0	001.3513	0620.7	048.3	061.8	004.8000	0393.1	048.2	63.16
349.0	001.3366	0618.7	048.1	062.3	004.8000	0395.9	049.0	62.95
350.0	001.3220	0617.1	047.9	062.7	004.8000	0398.2	049.7	62.73
351.0	001.3487	0616.6	048.1	062.8	004.8000	0398.6	050.6	62.41
352.0	001.3755	0618.8	048.4	062.8	004.8000	0398.6	051.5	62.08
353.0	001.4027	0623.3	048.7	062.8	004.8000	0398.3	052.4	61.72
354.0	001.4300	0630.2	049.2	062.6	004.8000	0397.7	053.3	61.34

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WRVT BLED20101206ACJ

WNCH.A

Channel = 204C2

Max ERP = 4.8 kW

RCAMSL = 663 M

N. Lat. 43 39 31.0

W. Lng. 73 06 25.0

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
055.0	004.8000	0374.7	048.0	345.5	001.3887	0619.6	053.8	60.44	
056.0	004.8000	0369.2	047.7	345.6	001.3875	0619.7	052.9	60.77	
057.0	004.8000	0366.5	047.5	345.7	001.3856	0619.9	052.1	61.07	
058.0	004.8000	0367.8	047.6	346.0	001.3801	0620.5	051.3	61.34	
059.0	004.8000	0372.8	047.9	346.6	001.3716	0621.4	050.6	61.58	
060.0	004.8000	0380.1	048.3	347.3	001.3611	0621.7	050.0	61.80	
061.0	004.8000	0387.7	048.7	348.1	001.3503	0620.5	049.3	62.00	
062.0	004.8000	0394.4	049.0	348.8	001.3402	0619.0	048.6	62.20	
063.0	004.8000	0399.4	049.3	349.3	001.3315	0618.2	047.8	62.43	
064.0	004.8000	0402.5	049.5	349.8	001.3246	0617.4	047.0	62.69	
065.0	004.8000	0404.3	049.6	350.2	001.3278	0616.7	046.2	62.99	
066.0	004.8000	0405.1	049.6	350.5	001.3364	0616.4	045.4	63.33	
067.0	004.8000	0403.6	049.5	350.7	001.3406	0616.3	044.5	63.67	
068.0	004.8000	0399.2	049.3	350.7	001.3393	0616.3	043.6	64.02	
069.0	004.8000	0392.8	048.9	350.4	001.3336	0616.4	042.7	64.37	
070.0	004.8000	0384.5	048.5	350.0	001.3233	0617.0	041.8	64.72	
071.0	004.8000	0375.6	048.0	349.6	001.3283	0617.9	040.9	65.12	
072.0	004.8000	0368.5	047.6	349.2	001.3342	0618.5	040.0	65.52	
073.0	004.8000	0362.4	047.3	348.8	001.3395	0618.9	039.2	65.91	
074.0	004.8000	0357.6	047.0	348.5	001.3441	0619.5	038.3	66.30	
075.0	004.8000	0352.4	046.7	348.1	001.3497	0620.4	037.5	66.70	
076.0	004.8000	0346.9	046.4	347.7	001.3562	0621.4	036.7	67.10	
077.0	004.8000	0342.8	046.1	347.3	001.3617	0621.7	035.8	67.48	
078.0	004.8000	0339.9	046.0	347.0	001.3660	0621.7	035.0	67.86	
079.0	004.8000	0337.3	045.8	346.7	001.3706	0621.4	034.3	68.23	
080.0	004.8000	0336.8	045.8	346.6	001.3723	0621.3	033.5	68.60	
081.0	004.8000	0340.4	046.0	346.8	001.3683	0621.6	032.6	68.97	
082.0	004.8000	0346.8	046.4	347.4	001.3601	0621.7	031.8	69.33	
083.0	004.8000	0352.8	046.7	347.9	001.3528	0620.9	031.0	69.71	
084.0	004.8000	0358.0	047.0	348.3	001.3467	0619.9	030.1	70.10	
085.0	004.8000	0363.4	047.3	348.7	001.3404	0619.0	029.3	70.53	
086.0	004.8000	0368.0	047.6	349.1	001.3359	0618.6	028.4	70.99	
087.0	004.8000	0373.1	047.9	349.4	001.3305	0618.1	027.6	71.47	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
088.0	004.8000	0378.7	048.2	349.8	001.3249	0617.4	026.7	71.97
089.0	004.8000	0384.4	048.5	350.2	001.3270	0616.7	025.8	72.52
090.0	004.8000	0390.2	048.8	350.6	001.3372	0616.4	024.9	73.12
091.0	004.8000	0394.5	049.0	350.8	001.3420	0616.3	024.0	73.73
092.0	004.8000	0399.0	049.3	350.9	001.3469	0616.5	023.2	74.35
093.0	004.8000	0403.5	049.5	351.1	001.3512	0616.7	022.3	75.00
094.0	004.8000	0404.2	049.6	350.7	001.3401	0616.3	021.4	75.56
095.0	004.8000	0400.4	049.4	349.5	001.3286	0617.9	020.6	76.12
096.0	004.8000	0396.1	049.1	348.2	001.3481	0620.2	019.9	76.78
097.0	004.8000	0392.1	048.9	346.8	001.3690	0621.5	019.1	77.41
098.0	004.8000	0391.8	048.9	345.8	001.3839	0620.1	018.3	78.04
099.0	004.8000	0392.7	048.9	344.8	001.3981	0619.2	017.5	78.68
100.0	004.8000	0394.2	049.0	343.9	001.4126	0620.9	016.7	79.37
101.0	004.8000	0395.2	049.1	342.6	001.4311	0626.3	015.9	80.11
102.0	004.8000	0395.4	049.1	341.1	001.4545	0632.5	015.2	80.85
103.0	004.8000	0395.5	049.1	339.4	001.4919	0625.9	014.5	81.30
104.0	004.8000	0396.1	049.1	337.4	001.5529	0614.4	013.7	82.03
105.0	004.8000	0398.9	049.3	335.7	001.6000	0606.3	013.0	82.85
106.0	004.8000	0402.3	049.5	333.7	001.6000	0599.7	012.2	83.61
107.0	004.8000	0406.1	049.7	331.5	001.6000	0587.5	011.4	84.35
108.0	004.8000	0410.8	049.9	329.1	001.6000	0574.5	010.7	85.15
109.0	004.8000	0415.5	050.2	326.2	001.6000	0563.3	009.9	85.99
110.0	004.8000	0419.6	050.4	322.6	001.6000	0565.2	009.2	86.90
111.0	004.8000	0423.4	050.6	318.4	001.6000	0563.7	008.6	87.73
112.0	004.8000	0427.6	050.8	313.5	001.6000	0563.0	008.0	88.52
113.0	004.8000	0432.0	051.1	307.8	001.6000	0581.6	007.5	89.35
114.0	004.8000	0436.9	051.3	301.3	001.6000	0583.8	007.1	90.05
115.0	004.8000	0441.4	051.6	294.0	001.6000	0574.9	006.8	90.50
116.0	004.8000	0446.1	051.8	286.1	001.6000	0590.7	006.7	90.83
117.0	004.8000	0450.9	052.1	277.9	001.6000	0563.5	006.6	90.80
118.0	004.8000	0455.3	052.3	270.0	001.6000	0581.8	006.8	90.61
119.0	004.8000	0458.7	052.5	262.7	001.6000	0605.8	007.1	90.13
120.0	004.8000	0461.8	052.7	256.3	001.6000	0633.5	007.6	89.52
121.0	004.8000	0465.2	052.9	250.8	001.6000	0661.8	008.1	88.87
122.0	004.8000	0468.6	053.1	245.9	001.6000	0676.3	008.7	88.12
123.0	004.8000	0471.5	053.2	242.0	001.6000	0660.9	009.4	87.19
124.0	004.8000	0473.3	053.4	239.0	001.6000	0670.4	010.2	86.32
125.0	004.8000	0474.4	053.4	236.7	001.6000	0669.4	011.1	85.39
126.0	004.8000	0475.2	053.5	234.9	001.6000	0653.6	011.9	84.37
127.0	004.8000	0476.0	053.5	233.4	001.6000	0640.7	012.8	83.37
128.0	004.8000	0476.5	053.5	232.2	001.6000	0639.5	013.7	82.48
129.0	004.8000	0476.2	053.5	231.4	001.6000	0642.2	014.6	81.65
130.0	004.8000	0475.0	053.5	231.0	001.6000	0644.9	015.5	81.14
131.0	004.8000	0472.9	053.3	230.8	001.6000	0646.1	016.5	80.43
132.0	004.8000	0470.3	053.2	230.8	001.6000	0646.1	017.4	79.71
133.0	004.8000	0467.0	053.0	230.9	001.6000	0645.0	018.4	78.99
134.0	004.8000	0463.8	052.8	231.1	001.6000	0644.0	019.3	78.27
135.0	004.8000	0461.0	052.7	231.3	001.6000	0643.1	020.2	77.58
136.0	004.8000	0458.4	052.5	231.4	001.6000	0642.3	021.2	76.89
137.0	004.8000	0456.0	052.4	231.6	001.6000	0641.5	022.1	76.23
138.0	004.8000	0452.5	052.2	231.9	001.6000	0640.2	023.0	75.56

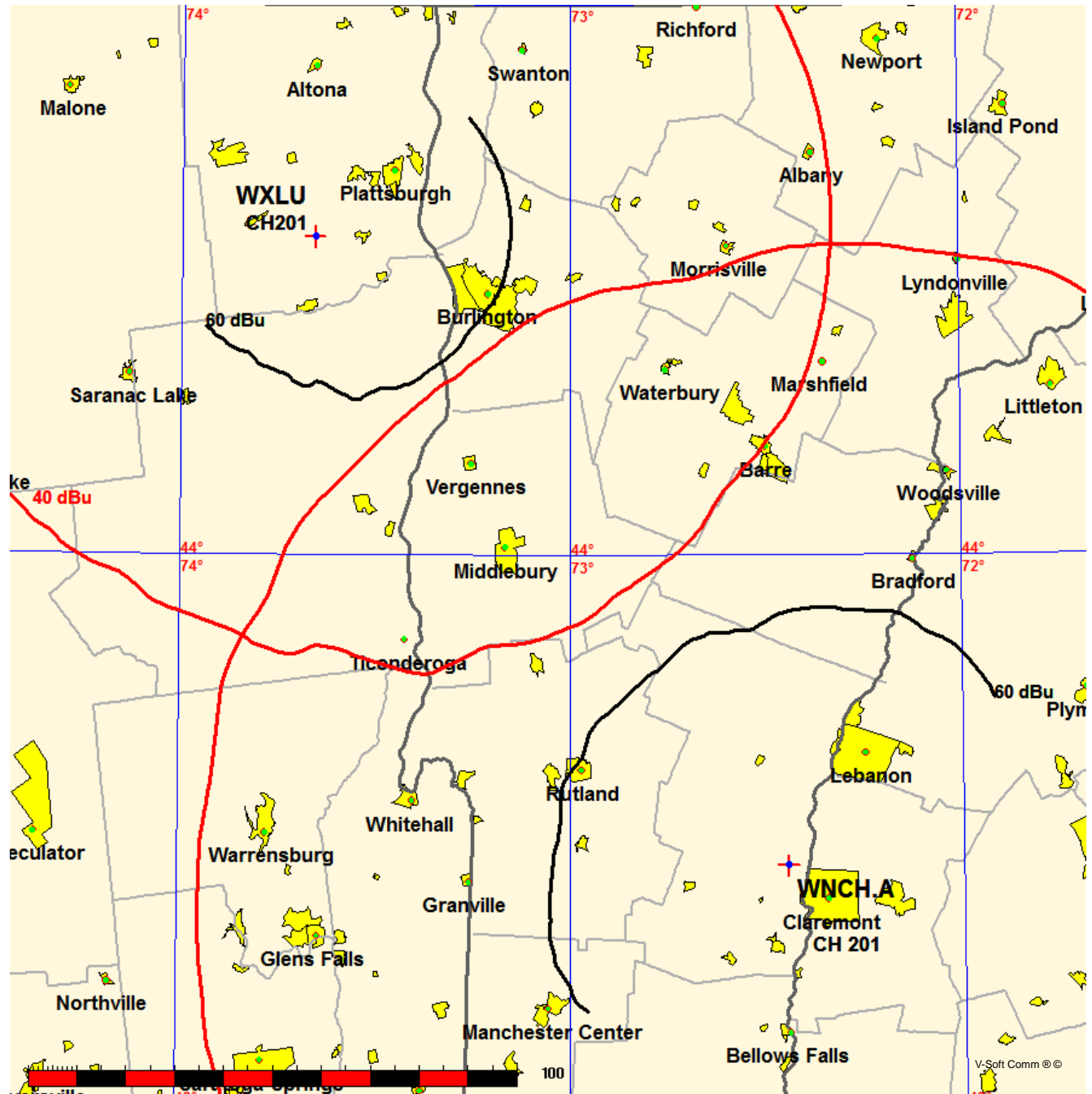
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
139.0	004.8000	0447.5	051.9	232.4	001.6000	0639.2	023.9	74.92
140.0	004.8000	0440.6	051.5	233.2	001.6000	0640.0	024.9	74.32
141.0	004.8000	0432.1	051.1	234.1	001.6000	0646.0	025.8	73.82
142.0	004.8000	0423.8	050.6	235.0	001.6000	0654.8	026.7	73.39
143.0	004.8000	0417.1	050.3	235.7	001.6000	0661.8	027.6	72.96
144.0	004.8000	0412.2	050.0	236.2	001.6000	0665.7	028.5	72.50
145.0	004.8000	0407.8	049.8	236.6	001.6000	0668.6	029.3	72.06
146.0	004.8000	0403.6	049.5	237.0	001.6000	0670.9	030.2	71.62
147.0	004.8000	0399.5	049.3	237.4	001.6000	0672.0	031.1	71.20
148.0	004.8000	0397.4	049.2	237.6	001.6000	0672.3	031.9	70.78
149.0	004.8000	0396.9	049.2	237.7	001.6000	0672.3	032.8	70.38
150.0	004.8000	0396.5	049.1	237.8	001.6000	0672.4	033.6	69.98
151.0	004.8000	0391.9	048.9	238.2	001.6000	0672.2	034.5	69.59
152.0	004.8000	0383.0	048.4	239.1	001.6000	0670.0	035.3	69.18
153.0	004.8000	0371.3	047.8	240.2	001.6000	0665.2	036.1	68.75
154.0	004.8000	0358.3	047.0	241.4	001.6000	0661.4	036.9	68.34
155.0	004.8000	0345.5	046.3	242.7	001.6000	0661.6	037.7	67.99
156.0	004.8000	0333.4	045.6	243.8	001.6000	0665.9	038.4	67.71
157.0	004.8000	0321.8	044.9	244.9	001.6000	0672.2	039.2	67.47
158.0	004.8000	0310.6	044.2	245.9	001.6000	0676.1	039.9	67.19
159.0	004.8000	0300.1	043.6	246.8	001.6000	0677.1	040.7	66.89
160.0	004.8000	0291.9	043.1	247.5	001.6000	0675.5	041.4	66.55
161.0	004.8000	0286.8	042.8	248.0	001.6000	0673.3	042.1	66.22
162.0	004.8000	0284.2	042.6	248.3	001.6000	0671.9	042.9	65.89
163.0	004.8000	0284.5	042.6	248.3	001.6000	0671.7	043.6	65.58
164.0	004.8000	0287.6	042.8	248.2	001.6000	0672.4	044.4	65.29
165.0	004.8000	0289.9	043.0	248.1	001.6000	0672.8	045.1	64.99
166.0	004.8000	0293.6	043.2	248.0	001.6000	0673.5	045.9	64.70
167.0	004.8000	0296.7	043.4	247.9	001.6000	0673.9	046.7	64.41
168.0	004.8000	0296.4	043.4	248.1	001.6000	0673.0	047.4	64.12
169.0	004.8000	0289.5	042.9	248.7	001.6000	0669.7	048.1	63.83
170.0	004.8000	0281.6	042.5	249.4	001.6000	0666.3	048.7	63.55
171.0	004.8000	0273.9	042.0	250.1	001.6000	0663.6	049.4	63.28
172.0	004.8000	0267.3	041.6	250.8	001.6000	0661.8	050.0	63.03
173.0	004.8000	0259.8	041.1	251.5	001.6000	0661.0	050.6	62.80
174.0	004.8000	0247.9	040.4	252.4	001.6000	0659.8	051.1	62.58

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 15.86 km, Out= 4.04 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WXLU CH 201 C3 BLED20060707ABU
Lat= 44 34 25.0, Lng= 73 40 29.0
1.0 kW 341 M HAAT, 646 M COR
Prot.= 60 dBu, Intef.= 40 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

WXLU BLED20060707ABU

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Protected

60 dBu

Channel = 201C3

Max ERP = 1 kW

RCAMSL = 646 M

N. Lat. 44 34 25.0

W. Lng. 73 40 29.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
263.0	001.6000	0604.9	049.3	159.5	001.0000	0345.0	141.1	26.81	
264.0	001.6000	0601.6	049.2	159.3	001.0000	0344.6	140.3	26.97	
265.0	001.6000	0597.3	049.0	159.2	001.0000	0344.3	139.5	27.13	
266.0	001.6000	0592.8	048.9	159.0	001.0000	0343.9	138.7	27.29	
267.0	001.6000	0588.7	048.7	158.9	001.0000	0343.6	138.0	27.45	
268.0	001.6000	0585.6	048.6	158.7	001.0000	0343.3	137.2	27.61	
269.0	001.6000	0583.6	048.5	158.5	001.0000	0343.0	136.4	27.78	
270.0	001.6000	0581.8	048.4	158.4	001.0000	0342.7	135.7	27.94	
271.0	001.6000	0580.0	048.3	158.2	001.0000	0342.5	134.9	28.10	
272.0	001.6000	0578.1	048.3	158.1	001.0000	0342.4	134.2	28.27	
273.0	001.6000	0575.9	048.2	157.9	001.0000	0342.4	133.4	28.44	
274.0	001.6000	0572.7	048.0	157.7	001.0000	0342.6	132.7	28.60	
275.0	001.6000	0569.0	047.9	157.4	001.0000	0343.0	132.0	28.77	
276.0	001.6000	0565.3	047.7	157.2	001.0000	0343.5	131.4	28.94	
277.0	001.6000	0563.5	047.6	157.0	001.0000	0344.2	130.7	29.13	
278.0	001.6000	0563.5	047.6	156.8	001.0000	0345.0	130.0	29.32	
279.0	001.6000	0563.2	047.6	156.6	001.0000	0345.9	129.3	29.52	
280.0	001.6000	0563.8	047.6	156.4	001.0000	0346.9	128.5	29.72	
281.0	001.6000	0566.6	047.8	156.3	001.0000	0347.8	127.8	29.93	
282.0	001.6000	0568.9	047.9	156.1	001.0000	0348.9	127.0	30.15	
283.0	001.6000	0572.3	048.0	155.9	001.0000	0350.1	126.3	30.37	
284.0	001.6000	0577.5	048.2	155.8	001.0000	0351.1	125.5	30.60	
285.0	001.6000	0583.1	048.5	155.6	001.0000	0352.2	124.7	30.84	
286.0	001.6000	0589.8	048.7	155.5	001.0000	0353.2	123.8	31.08	
287.0	001.6000	0595.6	049.0	155.3	001.0000	0354.5	123.0	31.32	
288.0	001.6000	0598.2	049.1	155.1	001.0000	0356.0	122.3	31.55	
289.0	001.6000	0598.5	049.1	154.8	001.0000	0357.9	121.7	31.78	
290.0	001.6000	0595.6	049.0	154.5	001.0000	0360.0	121.2	31.99	
291.0	001.6000	0591.0	048.8	154.1	001.0000	0362.1	120.7	32.19	
292.0	001.6000	0586.0	048.6	153.8	001.0000	0364.3	120.3	32.38	
293.0	001.6000	0580.7	048.4	153.4	001.0000	0366.4	119.9	32.56	
294.0	001.6000	0574.9	048.1	153.0	001.0000	0368.5	119.5	32.72	
295.0	001.6000	0569.0	047.9	152.6	001.0000	0370.4	119.2	32.88	
296.0	001.6000	0564.7	047.7	152.3	001.0000	0372.2	118.8	33.03	
297.0	001.6000	0562.8	047.6	151.9	001.0000	0373.6	118.4	33.19	
298.0	001.6000	0564.3	047.7	151.6	001.0000	0374.9	117.9	33.37	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
299.0	001.6000	0568.7	047.9	151.3	001.0000	0375.9	117.3	33.56
300.0	001.6000	0575.1	048.1	151.0	001.0000	0377.0	116.6	33.77
301.0	001.6000	0582.1	048.4	150.8	001.0000	0378.0	115.9	33.98
302.0	001.6000	0587.6	048.7	150.4	001.0000	0379.2	115.3	34.17
303.0	001.6000	0590.7	048.8	150.1	001.0000	0380.2	114.8	34.34
304.0	001.6000	0590.8	048.8	149.7	001.0000	0381.3	114.4	34.47
305.0	001.6000	0589.6	048.7	149.3	001.0000	0382.4	114.0	34.58
306.0	001.6000	0588.0	048.7	148.9	001.0000	0383.4	113.8	34.69
307.0	001.6000	0585.4	048.6	148.5	001.0000	0384.4	113.5	34.78
308.0	001.6000	0580.2	048.4	148.1	001.0000	0385.6	113.4	34.84
309.0	001.6000	0573.8	048.1	147.6	001.0000	0386.8	113.4	34.88
310.0	001.6000	0569.1	047.9	147.2	001.0000	0388.3	113.3	34.95
311.0	001.6000	0566.9	047.8	146.8	001.0000	0389.6	113.2	35.02
312.0	001.6000	0565.5	047.7	146.4	001.0000	0390.9	113.0	35.11
313.0	001.6000	0563.8	047.6	145.9	001.0000	0391.9	112.9	35.17
314.0	001.6000	0562.3	047.6	145.5	001.0000	0392.9	112.8	35.23
315.0	001.6000	0561.7	047.6	145.1	001.0000	0393.7	112.6	35.29
316.0	001.6000	0561.6	047.5	144.7	001.0000	0394.3	112.5	35.34
317.0	001.6000	0562.7	047.6	144.3	001.0000	0394.9	112.3	35.40
318.0	001.6000	0563.5	047.6	143.8	001.0000	0395.6	112.2	35.46
319.0	001.6000	0563.6	047.6	143.4	001.0000	0395.9	112.1	35.49
320.0	001.6000	0563.5	047.6	143.0	001.0000	0396.3	112.0	35.52
321.0	001.6000	0563.5	047.6	142.6	001.0000	0396.3	112.0	35.53
322.0	001.6000	0564.4	047.7	142.1	001.0000	0396.1	111.9	35.54
323.0	001.6000	0565.4	047.7	141.7	001.0000	0395.7	111.9	35.54
324.0	001.6000	0564.4	047.7	141.3	001.0000	0395.2	111.9	35.50
325.0	001.6000	0562.5	047.6	140.9	001.0000	0394.5	112.1	35.45
326.0	001.6000	0562.7	047.6	140.4	001.0000	0394.1	112.1	35.43
327.0	001.6000	0566.6	047.8	140.0	001.0000	0394.0	112.0	35.45
328.0	001.6000	0570.9	048.0	139.6	001.0000	0394.1	111.9	35.47
329.0	001.6000	0574.2	048.1	139.1	001.0000	0394.9	111.9	35.50
330.0	001.6000	0578.1	048.3	138.7	001.0000	0395.7	111.9	35.53
331.0	001.6000	0584.0	048.5	138.3	001.0000	0397.0	111.8	35.58
332.0	001.6000	0590.4	048.8	137.8	001.0000	0398.3	111.8	35.64
333.0	001.6000	0596.3	049.0	137.3	001.0000	0399.6	111.8	35.68
334.0	001.6000	0600.7	049.2	136.9	001.0000	0401.0	111.8	35.70
335.0	001.6000	0604.0	049.3	136.5	001.0000	0402.2	112.0	35.70
336.0	001.6000	0607.6	049.4	136.0	001.0000	0403.5	112.1	35.70
337.0	001.5674	0612.2	049.4	135.6	001.0000	0404.7	112.4	35.66
338.0	001.5351	0617.4	049.4	135.2	001.0000	0405.9	112.8	35.61
339.0	001.5031	0623.5	049.4	134.8	001.0000	0407.0	113.1	35.56
340.0	001.4715	0629.8	049.4	134.4	001.0000	0408.2	113.4	35.50
341.0	001.4562	0632.5	049.4	134.0	001.0000	0409.1	113.8	35.43
342.0	001.4410	0629.5	049.2	133.7	001.0000	0409.9	114.4	35.31
343.0	001.4258	0624.5	048.9	133.3	001.0000	0410.7	115.0	35.16
344.0	001.4108	0620.5	048.7	133.0	001.0000	0411.4	115.7	35.02
345.0	001.3958	0619.2	048.5	132.7	001.0000	0412.3	116.2	34.89
346.0	001.3809	0620.4	048.5	132.4	001.0000	0413.2	116.7	34.79
347.0	001.3660	0621.7	048.4	132.1	001.0000	0414.2	117.3	34.69
348.0	001.3513	0620.7	048.3	131.8	001.0000	0415.3	117.9	34.56
349.0	001.3366	0618.7	048.1	131.5	001.0000	0416.2	118.5	34.42

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
350.0	001.3220	0617.1	047.9	131.2	001.0000	0417.0	119.2	34.28
351.0	001.3487	0616.6	048.1	130.8	001.0000	0418.2	119.5	34.22
352.0	001.3755	0618.8	048.4	130.4	001.0000	0419.2	119.9	34.16
353.0	001.4027	0623.3	048.7	130.0	001.0000	0420.3	120.2	34.12
354.0	001.4300	0630.2	049.2	129.6	001.0000	0421.3	120.4	34.08
355.0	001.4577	0637.8	049.6	129.1	001.0000	0421.9	120.7	34.03
356.0	001.4856	0644.1	050.1	128.7	001.0000	0422.3	121.0	33.96
357.0	001.5138	0649.3	050.4	128.3	001.0000	0422.7	121.4	33.87
358.0	001.5423	0651.1	050.7	127.9	001.0000	0423.1	121.9	33.75
359.0	001.5710	0654.3	051.0	127.6	001.0000	0423.2	122.4	33.63
000.0	001.6000	0657.9	051.3	127.2	001.0000	0423.2	122.9	33.50
001.0	001.6000	0660.5	051.4	126.9	001.0000	0423.0	123.6	33.33
002.0	001.6000	0664.7	051.5	126.6	001.0000	0422.8	124.2	33.16
003.0	001.6000	0670.8	051.7	126.3	001.0000	0422.5	124.8	33.00
004.0	001.6000	0677.2	051.9	126.0	001.0000	0422.1	125.5	32.82
005.0	001.6000	0681.7	052.1	125.7	001.0000	0421.6	126.2	32.63
006.0	001.6000	0686.1	052.2	125.4	001.0000	0421.0	126.9	32.44
007.0	001.6000	0690.9	052.4	125.1	001.0000	0420.6	127.6	32.24
008.0	001.6000	0695.6	052.6	124.9	001.0000	0420.0	128.3	32.04
009.0	001.6000	0697.8	052.6	124.7	001.0000	0419.6	129.1	31.83
010.0	001.6000	0698.1	052.6	124.5	001.0000	0419.3	129.9	31.62
011.0	001.6000	0697.8	052.6	124.3	001.0000	0419.0	130.8	31.40
012.0	001.6000	0699.8	052.7	124.1	001.0000	0418.7	131.6	31.18
013.0	001.6000	0705.7	052.9	123.9	001.0000	0418.4	132.4	30.97
014.0	001.6000	0711.6	053.1	123.7	001.0000	0418.3	133.2	30.76
015.0	001.6000	0717.1	053.3	123.5	001.0000	0418.2	134.0	30.55
016.0	001.6000	0722.1	053.4	123.3	001.0000	0418.4	134.8	30.34
017.0	001.6000	0729.4	053.6	123.1	001.0000	0418.6	135.6	30.14
018.0	001.6000	0738.5	053.9	122.8	001.0000	0418.9	136.5	29.94
019.0	001.6000	0747.9	054.2	122.6	001.0000	0419.3	137.3	29.74
020.0	001.6000	0757.4	054.5	122.4	001.0000	0419.7	138.1	29.54
021.0	001.6000	0767.9	054.8	122.2	001.0000	0420.2	139.0	29.35
022.0	001.6000	0777.8	055.1	122.0	001.0000	0420.7	139.9	29.15

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WXLU BLED20060707ABU

WNCH.A

Channel = 201C3

Max ERP = 1 kW

RCAMSL = 646 M

N. Lat. 44 34 25.0

W. Lng. 73 40 29.0

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
082.0	001.0000	0491.4	039.9	336.4	001.5872	0609.2	144.2	34.16	
083.0	001.0000	0491.5	039.9	336.3	001.5896	0608.9	143.5	34.34	
084.0	001.0000	0491.4	039.9	336.2	001.5925	0608.5	142.9	34.51	
085.0	001.0000	0491.1	039.9	336.1	001.5956	0608.1	142.2	34.68	
086.0	001.0000	0490.5	039.9	336.0	001.5991	0607.7	141.6	34.85	
087.0	001.0000	0490.0	039.8	335.9	001.6000	0607.2	140.9	35.01	
088.0	001.0000	0489.5	039.8	335.8	001.6000	0606.8	140.3	35.16	
089.0	001.0000	0489.2	039.8	335.7	001.6000	0606.3	139.7	35.32	
090.0	001.0000	0488.5	039.8	335.6	001.6000	0605.8	139.0	35.48	
091.0	001.0000	0487.7	039.7	335.4	001.6000	0605.4	138.4	35.63	
092.0	001.0000	0486.7	039.7	335.3	001.6000	0604.8	137.8	35.78	
093.0	001.0000	0485.8	039.7	335.1	001.6000	0604.4	137.2	35.92	
094.0	001.0000	0485.1	039.6	335.0	001.6000	0603.9	136.6	36.07	
095.0	001.0000	0484.8	039.6	334.8	001.6000	0603.4	136.0	36.22	
096.0	001.0000	0484.2	039.6	334.7	001.6000	0602.9	135.5	36.36	
097.0	001.0000	0483.6	039.6	334.5	001.6000	0602.3	134.9	36.51	
098.0	001.0000	0483.0	039.5	334.3	001.6000	0601.8	134.3	36.65	
099.0	001.0000	0482.3	039.5	334.1	001.6000	0601.2	133.8	36.78	
100.0	001.0000	0481.6	039.5	333.9	001.6000	0600.5	133.3	36.92	
101.0	001.0000	0480.7	039.4	333.8	001.6000	0599.7	132.7	37.05	
102.0	001.0000	0479.9	039.4	333.6	001.6000	0598.9	132.2	37.17	
103.0	001.0000	0478.9	039.3	333.4	001.6000	0598.0	131.7	37.30	
104.0	001.0000	0477.8	039.3	333.1	001.6000	0597.0	131.2	37.42	
105.0	001.0000	0476.5	039.2	332.9	001.6000	0595.9	130.7	37.53	
106.0	001.0000	0475.0	039.2	332.7	001.6000	0594.7	130.3	37.63	
107.0	001.0000	0473.3	039.1	332.5	001.6000	0593.3	129.9	37.73	
108.0	001.0000	0471.2	039.0	332.2	001.6000	0591.9	129.4	37.82	
109.0	001.0000	0468.6	038.9	332.0	001.6000	0590.2	129.1	37.90	
110.0	001.0000	0465.5	038.8	331.7	001.6000	0588.6	128.7	37.98	
111.0	001.0000	0461.7	038.6	331.4	001.6000	0586.8	128.4	38.04	
112.0	001.0000	0457.3	038.4	331.1	001.6000	0584.9	128.1	38.09	
113.0	001.0000	0452.9	038.2	330.9	001.6000	0583.0	127.9	38.13	
114.0	001.0000	0449.0	038.0	330.6	001.6000	0581.3	127.6	38.18	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
115.0	001.0000	0445.8	037.9	330.3	001.6000	0579.6	127.3	38.23
116.0	001.0000	0442.3	037.8	330.0	001.6000	0578.1	127.1	38.28
117.0	001.0000	0438.3	037.6	329.7	001.6000	0576.8	126.9	38.31
118.0	001.0000	0434.1	037.4	329.4	001.6000	0575.6	126.7	38.35
119.0	001.0000	0430.2	037.3	329.1	001.6000	0574.6	126.5	38.39
120.0	001.0000	0426.9	037.1	328.9	001.6000	0573.7	126.3	38.43
121.0	001.0000	0423.7	037.0	328.6	001.6000	0572.9	126.1	38.46
122.0	001.0000	0420.7	036.9	328.3	001.6000	0571.9	125.9	38.50
123.0	001.0000	0418.7	036.8	328.0	001.6000	0570.9	125.7	38.53
124.0	001.0000	0418.5	036.8	327.7	001.6000	0569.9	125.5	38.59
125.0	001.0000	0420.3	036.8	327.5	001.6000	0568.8	125.1	38.66
126.0	001.0000	0422.2	036.9	327.2	001.6000	0567.6	124.8	38.72
127.0	001.0000	0423.1	037.0	326.9	001.6000	0566.3	124.6	38.77
128.0	001.0000	0423.0	037.0	326.7	001.6000	0565.1	124.4	38.80
129.0	001.0000	0422.0	036.9	326.4	001.6000	0563.9	124.2	38.83
130.0	001.0000	0420.4	036.8	326.1	001.6000	0562.9	124.1	38.84
131.0	001.0000	0417.7	036.7	325.8	001.6000	0562.4	124.0	38.85
132.0	001.0000	0414.4	036.6	325.5	001.6000	0562.2	124.0	38.85
133.0	001.0000	0411.5	036.5	325.2	001.6000	0562.3	124.0	38.86
134.0	001.0000	0409.1	036.4	324.9	001.6000	0562.7	124.0	38.87
135.0	001.0000	0406.4	036.3	324.6	001.6000	0563.2	124.0	38.88
136.0	001.0000	0403.5	036.2	324.3	001.6000	0563.8	124.0	38.89
137.0	001.0000	0400.6	036.0	324.0	001.6000	0564.4	124.0	38.89
138.0	001.0000	0397.7	035.9	323.7	001.6000	0564.9	124.1	38.88
139.0	001.0000	0395.1	035.8	323.4	001.6000	0565.2	124.1	38.87
140.0	001.0000	0394.0	035.8	323.1	001.6000	0565.4	124.1	38.87
141.0	001.0000	0394.7	035.8	322.8	001.6000	0565.3	124.1	38.89
142.0	001.0000	0396.0	035.8	322.6	001.6000	0565.2	124.0	38.90
143.0	001.0000	0396.3	035.9	322.3	001.6000	0564.8	124.0	38.90
144.0	001.0000	0395.3	035.8	322.0	001.6000	0564.4	124.1	38.87
145.0	001.0000	0393.9	035.8	321.7	001.6000	0564.2	124.2	38.84
146.0	001.0000	0391.8	035.7	321.4	001.6000	0564.0	124.3	38.81
147.0	001.0000	0388.9	035.6	321.1	001.6000	0563.7	124.5	38.75
148.0	001.0000	0385.8	035.4	320.9	001.6000	0563.5	124.7	38.70
149.0	001.0000	0383.2	035.3	320.6	001.6000	0563.5	124.9	38.65
150.0	001.0000	0380.5	035.2	320.3	001.6000	0563.4	125.1	38.59
151.0	001.0000	0377.1	035.1	320.1	001.6000	0563.5	125.3	38.52
152.0	001.0000	0373.3	034.9	319.8	001.6000	0563.5	125.6	38.45
153.0	001.0000	0368.6	034.7	319.6	001.6000	0563.5	125.9	38.36
154.0	001.0000	0363.0	034.5	319.3	001.6000	0563.5	126.3	38.25
155.0	001.0000	0356.6	034.2	319.1	001.6000	0563.6	126.8	38.13
156.0	001.0000	0349.7	033.8	318.9	001.6000	0563.7	127.3	38.00
157.0	001.0000	0344.3	033.6	318.7	001.6000	0563.8	127.7	37.89
158.0	001.0000	0342.4	033.5	318.5	001.6000	0563.7	128.0	37.81
159.0	001.0000	0343.9	033.5	318.2	001.6000	0563.6	128.1	37.77
160.0	001.0000	0346.2	033.7	317.9	001.6000	0563.5	128.2	37.74
161.0	001.0000	0348.7	033.8	317.7	001.6000	0563.3	128.3	37.71
162.0	001.0000	0350.8	033.9	317.4	001.6000	0563.1	128.5	37.66
163.0	001.0000	0352.6	034.0	317.2	001.6000	0562.8	128.7	37.61
164.0	001.0000	0355.0	034.1	316.9	001.6000	0562.6	128.8	37.57
165.0	001.0000	0356.8	034.2	316.7	001.6000	0562.2	129.0	37.51

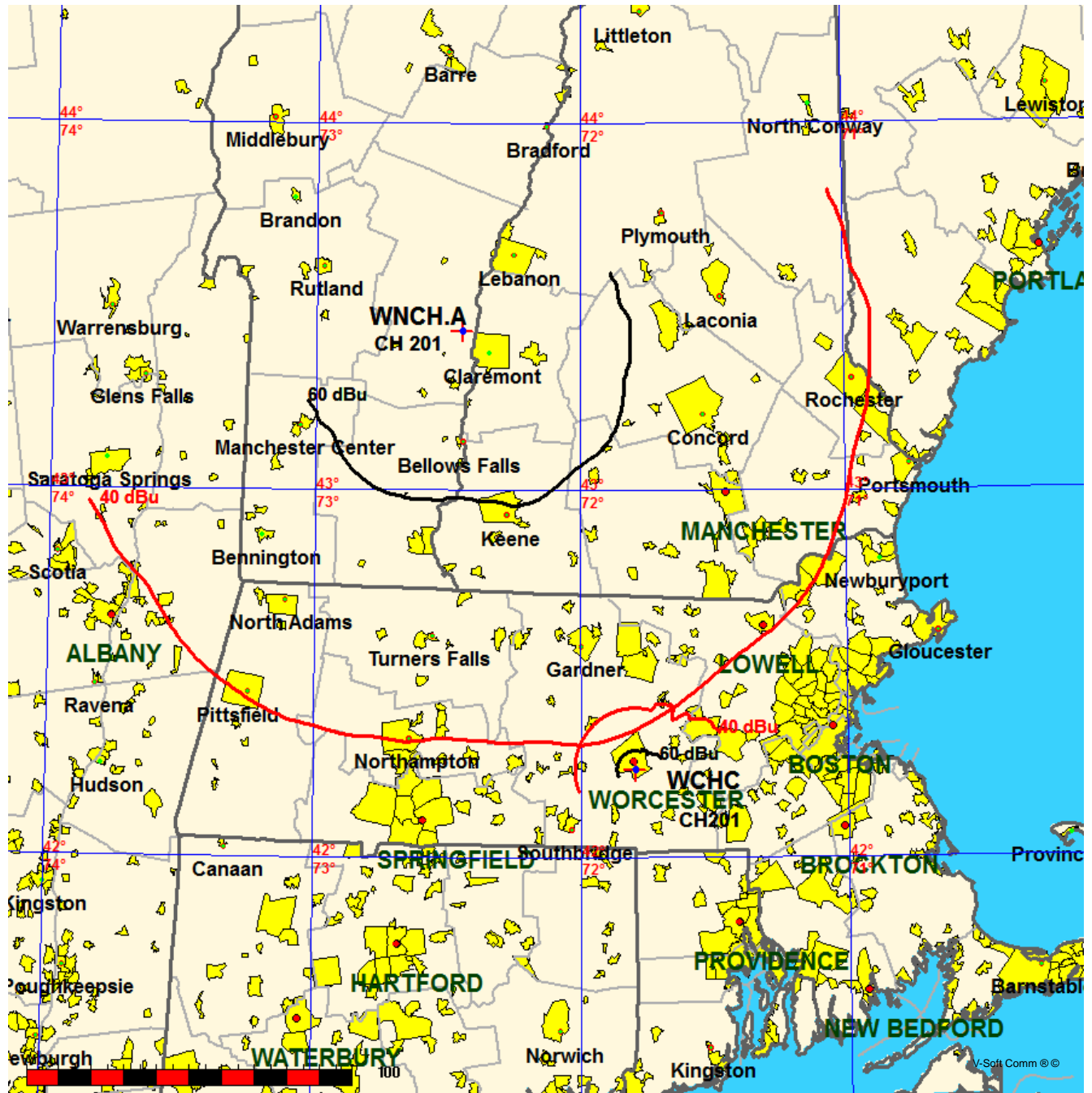
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
166.0	001.0000	0355.3	034.1	316.5	001.6000	0562.0	129.4	37.41
167.0	001.0000	0350.7	033.9	316.3	001.6000	0561.9	129.9	37.28
168.0	001.0000	0344.4	033.6	316.1	001.6000	0561.7	130.5	37.12
169.0	001.0000	0335.5	033.1	316.0	001.6000	0561.6	131.2	36.94
170.0	001.0000	0326.2	032.6	316.0	001.6000	0561.6	131.9	36.74
171.0	001.0000	0319.3	032.2	315.9	001.6000	0561.5	132.5	36.58
172.0	001.0000	0312.8	031.9	315.7	001.6000	0561.4	133.1	36.41
173.0	001.0000	0305.8	031.5	315.7	001.6000	0561.4	133.8	36.25
174.0	001.0000	0298.2	031.1	315.6	001.6000	0561.4	134.4	36.08
175.0	001.0000	0290.5	030.7	315.5	001.6000	0561.4	135.0	35.91
176.0	001.0000	0282.1	030.3	315.5	001.6000	0561.4	135.7	35.73
177.0	001.0000	0276.5	030.0	315.4	001.6000	0561.5	136.3	35.58
178.0	001.0000	0272.8	029.8	315.3	001.6000	0561.5	136.8	35.46
179.0	001.0000	0270.3	029.7	315.2	001.6000	0561.6	137.2	35.34
180.0	001.0000	0267.9	029.5	315.1	001.6000	0561.7	137.7	35.22
181.0	001.0000	0273.7	029.8	314.8	001.6000	0561.7	137.9	35.18
182.0	001.0000	0281.0	030.2	314.6	001.6000	0561.7	138.0	35.15
183.0	001.0000	0286.3	030.5	314.3	001.6000	0561.9	138.2	35.10
184.0	001.0000	0287.0	030.6	314.2	001.6000	0562.0	138.6	35.00
185.0	001.0000	0286.0	030.5	314.1	001.6000	0562.2	139.0	34.88
186.0	001.0000	0283.5	030.4	314.0	001.6000	0562.3	139.5	34.76
187.0	001.0000	0280.2	030.2	313.9	001.6000	0562.4	140.0	34.62
188.0	001.0000	0276.8	030.0	313.8	001.6000	0562.5	140.6	34.49
189.0	001.0000	0272.1	029.8	313.8	001.6000	0562.6	141.1	34.34
190.0	001.0000	0265.4	029.4	313.8	001.6000	0562.6	141.8	34.18
191.0	001.0000	0259.3	029.1	313.8	001.6000	0562.5	142.4	34.02
192.0	001.0000	0256.0	028.9	313.8	001.6000	0562.6	142.9	33.89
193.0	001.0000	0253.9	028.8	313.7	001.6000	0562.7	143.4	33.76
194.0	001.0000	0251.5	028.7	313.6	001.6000	0562.7	143.9	33.63
195.0	001.0000	0249.7	028.6	313.6	001.6000	0562.8	144.3	33.51
196.0	001.0000	0249.1	028.5	313.5	001.6000	0562.9	144.8	33.39
197.0	001.0000	0248.3	028.5	313.4	001.6000	0563.1	145.3	33.28
198.0	001.0000	0247.3	028.4	313.4	001.6000	0563.1	145.7	33.16
199.0	001.0000	0246.6	028.4	313.3	001.6000	0563.2	146.2	33.04
200.0	001.0000	0246.6	028.4	313.2	001.6000	0563.3	146.7	32.93
201.0	001.0000	0247.1	028.4	313.2	001.6000	0563.5	147.1	32.81

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 68.49 km, Out= 5.45 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WCHC CH 201 A BLED19880916KA
Lat= 42 14 15.0, Lng= 71 48 31.0
0.1 kW -2 M HAAT, 195 M COR
Prot.= 60 dBu, Intef.= 40 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

WCHC BLED19880916KA

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Protected

60 dBu

Channel = 201A

Max ERP = 0.1 kW

RCAMSL = 195 M

N. Lat. 42 14 15.0

W. Lng. 71 48 31.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
098.0	001.6000	0676.1	051.9	359.4	000.1000	-0005.3	126.2	10.86	
099.0	001.6000	0677.9	052.0	359.4	000.1000	-0005.2	125.3	11.03	
100.0	001.6000	0680.3	052.0	359.4	000.1000	-0005.2	124.4	11.20	
101.0	001.6000	0680.6	052.1	359.3	000.1000	-0005.0	123.5	11.37	
102.0	001.6000	0678.9	052.0	359.2	000.1000	-0004.8	122.6	11.54	
103.0	001.6000	0676.7	051.9	359.0	000.1000	-0004.5	121.7	11.71	
104.0	001.6000	0674.7	051.9	358.9	000.1000	-0004.3	120.9	11.87	
105.0	001.6000	0672.9	051.8	358.8	000.1000	-0004.0	120.0	12.04	
106.0	001.6000	0672.3	051.8	358.6	000.1000	-0003.7	119.2	12.21	
107.0	001.6000	0674.3	051.8	358.5	000.1000	-0003.5	118.3	12.38	
108.0	001.6000	0679.4	052.0	358.4	000.1000	-0003.4	117.4	12.55	
109.0	001.6000	0686.5	052.3	358.4	000.1000	-0003.3	116.4	12.74	
110.0	001.6000	0695.6	052.6	358.4	000.1000	-0003.2	115.5	12.92	
111.0	001.6000	0705.1	052.9	358.3	000.1000	-0003.2	114.5	13.11	
112.0	001.6000	0714.7	053.2	358.3	000.1000	-0003.1	113.5	13.30	
113.0	001.6000	0724.4	053.5	358.3	000.1000	-0003.0	112.6	13.49	
114.0	001.6000	0733.4	053.8	358.2	000.1000	-0002.8	111.6	13.68	
115.0	001.6000	0742.1	054.0	358.1	000.1000	-0002.7	110.6	13.87	
116.0	001.6000	0749.9	054.3	358.0	000.1000	-0002.4	109.7	14.06	
117.0	001.6000	0756.8	054.5	357.8	000.1000	-0002.1	108.7	14.25	
118.0	001.6000	0763.8	054.7	357.7	000.1000	-0001.8	107.8	14.43	
119.0	001.6000	0771.2	054.9	357.5	000.1000	-0001.5	106.9	14.62	
120.0	001.6000	0779.3	055.1	357.3	000.1000	-0001.4	105.9	14.80	
121.0	001.6000	0787.4	055.4	357.2	000.1000	-0001.5	105.0	14.99	
122.0	001.6000	0794.5	055.6	356.9	000.1000	-0001.7	104.1	15.17	
123.0	001.6000	0800.9	055.7	356.7	000.1000	-0002.0	103.2	15.35	
124.0	001.6000	0806.1	055.9	356.4	000.1000	-0002.3	102.3	15.52	
125.0	001.6000	0810.6	056.0	356.2	000.1000	-0002.5	101.5	15.69	
126.0	001.6000	0814.8	056.1	355.9	000.1000	-0002.6	100.7	15.86	
127.0	001.6000	0818.2	056.2	355.5	000.1000	-0002.7	099.9	16.02	
128.0	001.6000	0820.0	056.3	355.2	000.1000	-0002.9	099.1	16.17	
129.0	001.6000	0819.6	056.3	354.8	000.1000	-0003.4	098.4	16.31	
130.0	001.6000	0816.4	056.2	354.3	000.1000	-0004.2	097.8	16.44	
131.0	001.6000	0811.3	056.0	353.9	000.1000	-0004.7	097.2	16.55	
132.0	001.6000	0805.7	055.9	353.4	000.1000	-0004.7	096.6	16.66	
133.0	001.6000	0800.1	055.7	352.9	000.1000	-0004.3	096.1	16.77	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
134.0	001.6000	0794.4	055.6	352.4	000.1000	-0004.0	095.6	16.86
135.0	001.6000	0788.1	055.4	351.9	000.1000	-0003.8	095.2	16.96
136.0	001.6000	0782.0	055.2	351.3	000.1000	-0004.1	094.8	17.04
137.0	001.6000	0776.8	055.1	350.8	000.1000	-0004.8	094.3	17.13
138.0	001.6000	0772.2	054.9	350.3	000.1000	-0005.9	093.9	17.21
139.0	001.6000	0767.3	054.8	349.7	000.1000	-0006.8	093.5	17.29
140.0	001.6000	0763.2	054.7	349.2	000.1000	-0007.4	093.2	17.36
141.0	001.6000	0761.6	054.6	348.7	000.1000	-0008.0	092.8	17.45
142.0	001.6000	0763.4	054.7	348.2	000.1000	-0008.9	092.3	17.55
143.0	001.6000	0767.5	054.8	347.7	000.1000	-0010.2	091.8	17.65
144.0	001.6000	0772.4	054.9	347.1	000.1000	-0011.9	091.2	17.76
145.0	001.6000	0776.7	055.1	346.6	000.1000	-0014.1	090.8	17.86
146.0	001.6000	0780.5	055.2	346.1	000.1000	-0016.4	090.3	17.95
147.0	001.6000	0785.5	055.3	345.5	000.1000	-0018.4	089.9	18.04
148.0	001.6000	0790.3	055.5	345.0	000.1000	-0020.3	089.4	18.13
149.0	001.6000	0794.0	055.6	344.4	000.1000	-0022.0	089.1	18.21
150.0	001.6000	0797.5	055.7	343.8	000.1000	-0023.6	088.7	18.28
151.0	001.6000	0802.7	055.8	343.2	000.1000	-0025.2	088.4	18.35
152.0	001.6000	0809.7	056.0	342.6	000.1000	-0026.3	088.0	18.43
153.0	001.6000	0816.3	056.2	342.0	000.1000	-0027.0	087.7	18.50
154.0	001.6000	0820.8	056.3	341.4	000.1000	-0027.5	087.4	18.55
155.0	001.6000	0823.1	056.3	340.8	000.1000	-0028.0	087.2	18.59
156.0	001.6000	0823.7	056.4	340.1	000.1000	-0028.9	087.1	18.61
157.0	001.6000	0823.4	056.4	339.5	000.1000	-0030.4	087.1	18.62
158.0	001.6000	0823.2	056.3	338.8	000.1000	-0032.5	087.1	18.62
159.0	001.6000	0822.5	056.3	338.2	000.1000	-0035.1	087.1	18.62
160.0	001.6000	0820.4	056.3	337.6	000.1000	-0037.9	087.2	18.60
161.0	001.6000	0816.8	056.2	336.9	000.1000	-0040.5	087.3	18.57
162.0	001.6000	0811.5	056.0	336.3	000.1000	-0042.9	087.6	18.52
163.0	001.6000	0803.7	055.8	335.7	000.1000	-0044.9	087.9	18.45
164.0	001.6000	0792.2	055.5	335.1	000.1000	-0046.4	088.3	18.36
165.0	001.6000	0775.7	055.0	334.5	000.1000	-0047.5	089.0	18.23
166.0	001.6000	0756.9	054.5	334.0	000.1000	-0048.4	089.7	18.08
167.0	001.6000	0737.8	053.9	333.5	000.1000	-0049.2	090.5	17.92
168.0	001.6000	0720.5	053.4	333.0	000.1000	-0049.9	091.2	17.77
169.0	001.6000	0708.2	053.0	332.5	000.1000	-0050.6	091.8	17.64
170.0	001.6000	0702.9	052.8	332.0	000.1000	-0051.2	092.3	17.55
171.0	001.6000	0699.1	052.7	331.5	000.1000	-0051.6	092.7	17.46
172.0	001.6000	0693.6	052.5	331.0	000.1000	-0051.8	093.2	17.36
173.0	001.6000	0689.2	052.3	330.6	000.1000	-0051.6	093.7	17.26
174.0	001.6000	0685.6	052.2	330.1	000.1000	-0051.2	094.1	17.17
175.0	001.6000	0678.8	052.0	329.6	000.1000	-0050.6	094.7	17.05
176.0	001.6000	0670.4	051.7	329.2	000.1000	-0050.0	095.4	16.92
177.0	001.6000	0662.3	051.4	328.8	000.1000	-0049.2	096.0	16.78
178.0	001.6000	0657.1	051.2	328.4	000.1000	-0048.5	096.6	16.66
179.0	001.6000	0652.4	051.1	328.0	000.1000	-0047.8	097.2	16.54
180.0	001.6000	0649.6	051.0	327.6	000.1000	-0047.2	097.8	16.43
181.0	001.6000	0647.0	050.9	327.2	000.1000	-0046.9	098.4	16.32
182.0	001.6000	0644.1	050.8	326.8	000.1000	-0046.9	098.9	16.20
183.0	001.6000	0643.3	050.7	326.4	000.1000	-0047.1	099.5	16.09
184.0	001.6000	0647.5	050.9	326.0	000.1000	-0047.7	099.9	16.01

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
185.0	001.6000	0654.3	051.1	325.5	000.1000	-0048.8	100.3	15.93
186.0	001.6000	0666.4	051.6	325.0	000.1000	-0050.3	100.5	15.88
187.0	001.6000	0677.2	051.9	324.5	000.1000	-0051.9	100.9	15.82
188.0	001.6000	0684.9	052.2	324.0	000.1000	-0053.5	101.3	15.73
189.0	001.6000	0687.9	052.3	323.6	000.1000	-0054.9	101.9	15.62
190.0	001.6000	0687.7	052.3	323.2	000.1000	-0056.3	102.5	15.48
191.0	001.6000	0686.7	052.3	322.9	000.1000	-0057.7	103.2	15.34
192.0	001.6000	0687.1	052.3	322.6	000.1000	-0059.2	103.9	15.21
193.0	001.6000	0690.9	052.4	322.2	000.1000	-0061.1	104.5	15.08
194.0	001.6000	0699.5	052.7	321.8	000.1000	-0063.6	105.1	14.98
195.0	001.6000	0711.2	053.1	321.3	000.1000	-0066.3	105.6	14.87
196.0	001.6000	0718.8	053.3	320.9	000.1000	-0068.7	106.2	14.75
197.0	001.6000	0721.8	053.4	320.6	000.1000	-0070.6	106.9	14.61
198.0	001.6000	0724.2	053.5	320.3	000.1000	-0072.3	107.7	14.46
199.0	001.6000	0728.0	053.6	320.0	000.1000	-0073.9	108.4	14.32
200.0	001.6000	0731.8	053.7	319.7	000.1000	-0075.4	109.1	14.17
201.0	001.6000	0736.6	053.9	319.4	000.1000	-0076.8	109.9	14.02
202.0	001.6000	0742.8	054.1	319.1	000.1000	-0078.2	110.6	13.87
203.0	001.6000	0748.8	054.2	318.8	000.1000	-0079.5	111.4	13.72
204.0	001.6000	0753.9	054.4	318.5	000.1000	-0080.7	112.2	13.57
205.0	001.6000	0758.7	054.5	318.3	000.1000	-0081.7	113.0	13.41
206.0	001.6000	0762.6	054.7	318.1	000.1000	-0082.7	113.8	13.24
207.0	001.6000	0765.1	054.7	317.9	000.1000	-0083.6	114.7	13.08
208.0	001.6000	0766.1	054.8	317.7	000.1000	-0084.4	115.6	12.90
209.0	001.6000	0766.3	054.8	317.5	000.1000	-0085.0	116.5	12.73
210.0	001.6000	0765.6	054.7	317.4	000.1000	-0085.5	117.4	12.55
211.0	001.6000	0763.4	054.7	317.3	000.1000	-0085.9	118.3	12.37
212.0	001.6000	0760.2	054.6	317.2	000.1000	-0086.2	119.3	12.19
213.0	001.6000	0757.3	054.5	317.2	000.1000	-0086.5	120.2	12.00
214.0	001.6000	0755.2	054.4	317.1	000.1000	-0086.8	121.1	11.82
215.0	001.6000	0753.9	054.4	317.0	000.1000	-0087.1	122.1	11.64
216.0	001.6000	0753.2	054.4	317.0	000.1000	-0087.3	123.0	11.47
217.0	001.6000	0752.0	054.3	316.9	000.1000	-0087.6	123.9	11.29

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WCHC BLED19880916KA

WNCH.A

Channel = 201A

Max ERP = 0.1 kW

RCAMSL = 195 M

N. Lat. 42 14 15.0

W. Lng. 71 48 31.0

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
279.0	000.1000	-0071.6	005.6	160.3	001.6000	0819.4	140.6	37.67	
280.0	000.1000	-0072.1	005.6	160.3	001.6000	0819.5	140.5	37.70	
281.0	000.1000	-0071.8	005.6	160.3	001.6000	0819.5	140.4	37.72	
282.0	000.1000	-0071.3	005.6	160.2	001.6000	0819.6	140.3	37.74	
283.0	000.1000	-0072.0	005.6	160.2	001.6000	0819.7	140.3	37.77	
284.0	000.1000	-0073.8	005.6	160.2	001.6000	0819.8	140.2	37.79	
285.0	000.1000	-0075.4	005.6	160.2	001.6000	0819.8	140.1	37.82	
286.0	000.1000	-0076.6	005.6	160.2	001.6000	0819.9	140.0	37.84	
287.0	000.1000	-0076.9	005.6	160.1	001.6000	0820.0	139.9	37.86	
288.0	000.1000	-0077.7	005.6	160.1	001.6000	0820.1	139.8	37.88	
289.0	000.1000	-0079.3	005.6	160.1	001.6000	0820.1	139.8	37.91	
290.0	000.1000	-0081.9	005.6	160.1	001.6000	0820.2	139.7	37.93	
291.0	000.1000	-0084.6	005.6	160.0	001.6000	0820.3	139.6	37.95	
292.0	000.1000	-0086.9	005.6	160.0	001.6000	0820.4	139.5	37.97	
293.0	000.1000	-0088.5	005.6	160.0	001.6000	0820.5	139.5	37.99	
294.0	000.1000	-0090.0	005.6	160.0	001.6000	0820.5	139.4	38.01	
295.0	000.1000	-0090.7	005.6	159.9	001.6000	0820.6	139.3	38.03	
296.0	000.1000	-0090.9	005.6	159.9	001.6000	0820.7	139.3	38.05	
297.0	000.1000	-0090.5	005.6	159.9	001.6000	0820.8	139.2	38.07	
298.0	000.1000	-0090.2	005.6	159.8	001.6000	0820.9	139.1	38.09	
299.0	000.1000	-0089.8	005.6	159.8	001.6000	0820.9	139.1	38.11	
300.0	000.1000	-0089.7	005.6	159.8	001.6000	0821.0	139.0	38.13	
301.0	000.1000	-0089.8	005.6	159.7	001.6000	0821.1	138.9	38.15	
302.0	000.1000	-0090.7	005.6	159.7	001.6000	0821.2	138.9	38.16	
303.0	000.1000	-0092.3	005.6	159.7	001.6000	0821.2	138.8	38.18	
304.0	000.1000	-0094.1	005.6	159.6	001.6000	0821.3	138.8	38.20	
305.0	000.1000	-0095.1	005.6	159.6	001.6000	0821.4	138.7	38.21	
306.0	000.1000	-0095.3	005.6	159.6	001.6000	0821.5	138.6	38.23	
307.0	000.1000	-0094.8	005.6	159.5	001.6000	0821.5	138.6	38.25	
308.0	000.1000	-0094.6	005.6	159.5	001.6000	0821.6	138.5	38.26	
309.0	000.1000	-0094.7	005.6	159.5	001.6000	0821.7	138.5	38.28	
310.0	000.1000	-0094.9	005.6	159.4	001.6000	0821.8	138.4	38.29	
311.0	000.1000	-0095.2	005.6	159.4	001.6000	0821.8	138.4	38.30	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
312.0	000.1000	-0095.5	005.6	159.4	001.6000	0821.9	138.3	38.32
313.0	000.1000	-0095.4	005.6	159.3	001.6000	0822.0	138.3	38.33
314.0	000.1000	-0094.8	005.6	159.3	001.6000	0822.1	138.3	38.34
315.0	000.1000	-0093.3	005.6	159.3	001.6000	0822.1	138.2	38.36
316.0	000.1000	-0090.9	005.6	159.2	001.6000	0822.2	138.2	38.37
317.0	000.1000	-0087.2	005.6	159.2	001.6000	0822.3	138.1	38.38
318.0	000.1000	-0083.0	005.6	159.1	001.6000	0822.3	138.1	38.39
319.0	000.1000	-0078.7	005.6	159.1	001.6000	0822.3	138.1	38.40
320.0	000.1000	-0074.0	005.6	159.1	001.6000	0822.4	138.0	38.41
321.0	000.1000	-0068.3	005.6	159.0	001.6000	0822.4	138.0	38.42
322.0	000.1000	-0062.4	005.6	159.0	001.6000	0822.5	138.0	38.43
323.0	000.1000	-0057.3	005.6	159.0	001.6000	0822.5	137.9	38.44
324.0	000.1000	-0053.5	005.6	158.9	001.6000	0822.6	137.9	38.44
325.0	000.1000	-0050.2	005.6	158.9	001.6000	0822.6	137.9	38.45
326.0	000.1000	-0047.7	005.6	158.8	001.6000	0822.7	137.9	38.46
327.0	000.1000	-0046.9	005.6	158.8	001.6000	0822.7	137.8	38.46
328.0	000.1000	-0047.8	005.6	158.8	001.6000	0822.7	137.8	38.47
329.0	000.1000	-0049.5	005.6	158.7	001.6000	0822.8	137.8	38.47
330.0	000.1000	-0051.1	005.6	158.7	001.6000	0822.8	137.8	38.48
331.0	000.1000	-0051.7	005.6	158.6	001.6000	0822.9	137.8	38.48
332.0	000.1000	-0051.3	005.6	158.6	001.6000	0822.9	137.8	38.49
333.0	000.1000	-0050.0	005.6	158.6	001.6000	0822.9	137.7	38.49
334.0	000.1000	-0048.4	005.6	158.5	001.6000	0823.0	137.7	38.49
335.0	000.1000	-0046.6	005.6	158.5	001.6000	0823.0	137.7	38.50
336.0	000.1000	-0043.9	005.6	158.4	001.6000	0823.1	137.7	38.50
337.0	000.1000	-0040.2	005.6	158.4	001.6000	0823.1	137.7	38.50
338.0	000.1000	-0035.9	005.6	158.3	001.6000	0823.1	137.7	38.50
339.0	000.1000	-0031.9	005.6	158.3	001.6000	0823.1	137.7	38.50
340.0	000.1000	-0029.2	005.6	158.3	001.6000	0823.1	137.7	38.50
341.0	000.1000	-0027.8	005.6	158.2	001.6000	0823.1	137.7	38.50
342.0	000.1000	-0027.0	005.6	158.2	001.6000	0823.1	137.7	38.50
343.0	000.1000	-0025.7	005.6	158.1	001.6000	0823.2	137.7	38.50
344.0	000.1000	-0023.1	005.6	158.1	001.6000	0823.2	137.7	38.49
345.0	000.1000	-0020.2	005.6	158.1	001.6000	0823.2	137.8	38.49
346.0	000.1000	-0016.6	005.6	158.0	001.6000	0823.2	137.8	38.49
347.0	000.1000	-0012.5	005.6	158.0	001.6000	0823.2	137.8	38.49
348.0	000.1000	-0009.3	005.6	157.9	001.6000	0823.2	137.8	38.48
349.0	000.1000	-0007.6	005.6	157.9	001.6000	0823.2	137.8	38.48
350.0	000.1000	-0006.4	005.6	157.9	001.6000	0823.3	137.8	38.47
351.0	000.1000	-0004.5	005.6	157.8	001.6000	0823.3	137.9	38.47
352.0	000.1000	-0003.8	005.6	157.8	001.6000	0823.3	137.9	38.46
353.0	000.1000	-0004.4	005.6	157.7	001.6000	0823.3	137.9	38.45
354.0	000.1000	-0004.6	005.6	157.7	001.6000	0823.3	137.9	38.45
355.0	000.1000	-0003.1	005.6	157.7	001.6000	0823.3	138.0	38.44
356.0	000.1000	-0002.5	005.6	157.6	001.6000	0823.3	138.0	38.43
357.0	000.1000	-0001.6	005.6	157.6	001.6000	0823.3	138.0	38.42
358.0	000.1000	-0002.5	005.6	157.5	001.6000	0823.3	138.0	38.41
359.0	000.1000	-0004.5	005.6	157.5	001.6000	0823.3	138.1	38.40
000.0	000.1000	-0006.4	005.6	157.5	001.6000	0823.3	138.1	38.39
001.0	000.1000	0000.5	005.6	157.4	001.6000	0823.3	138.2	38.38
002.0	000.1000	0008.4	005.6	157.4	001.6000	0823.3	138.2	38.37

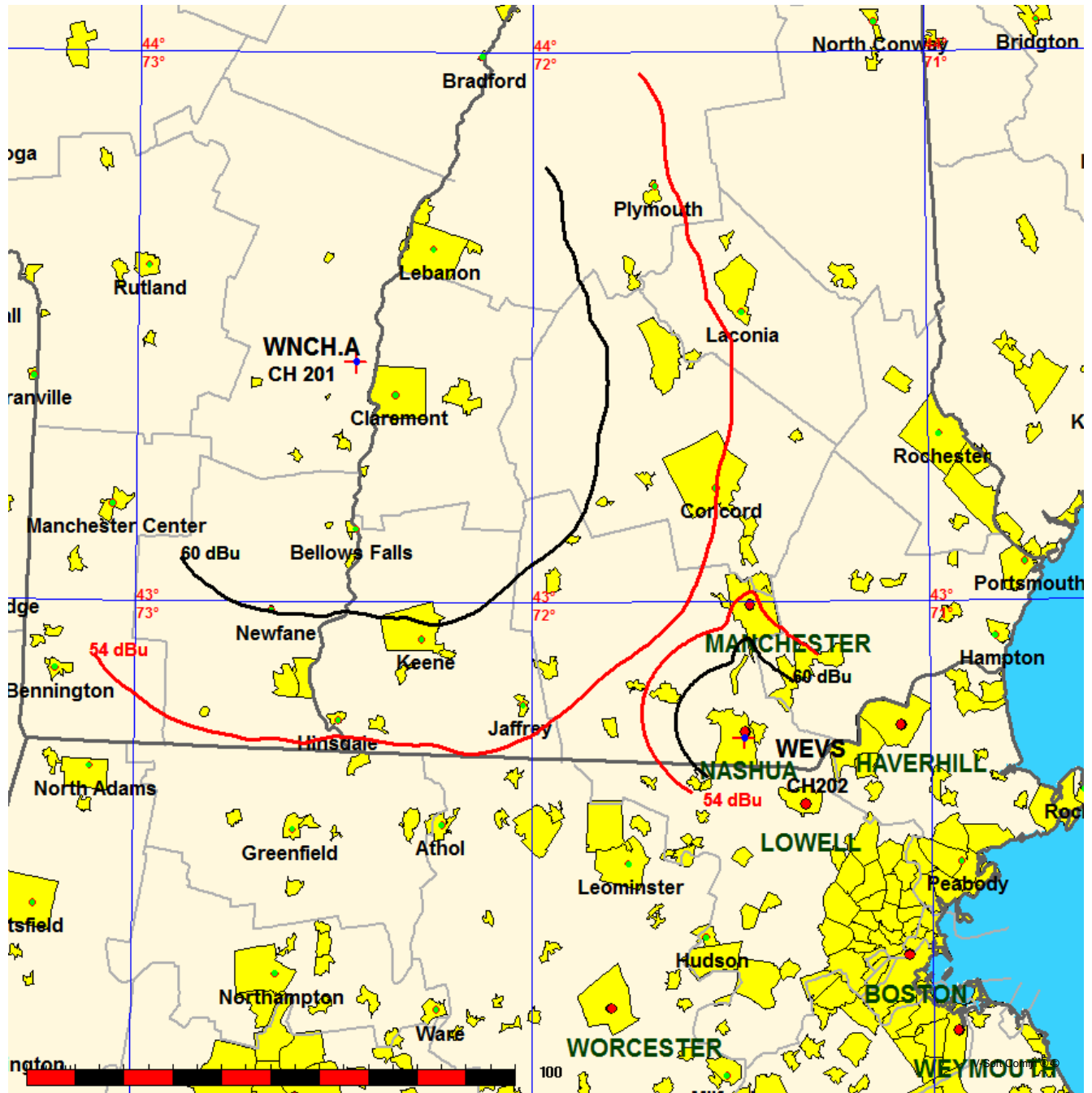
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
003.0	000.1000	0015.1	005.6	157.4	001.6000	0823.3	138.2	38.36
004.0	000.1000	0017.5	005.6	157.3	001.6000	0823.3	138.3	38.35
005.0	000.1000	0018.7	005.6	157.3	001.6000	0823.3	138.3	38.34
006.0	000.1000	0018.9	005.6	157.2	001.6000	0823.3	138.4	38.32
007.0	000.1000	0020.2	005.6	157.2	001.6000	0823.3	138.4	38.31
008.0	000.1000	0021.8	005.6	157.2	001.6000	0823.3	138.5	38.30
009.0	000.1000	0023.2	005.6	157.1	001.6000	0823.3	138.5	38.28
010.0	000.1000	0024.1	005.6	157.1	001.6000	0823.4	138.6	38.27
011.0	000.1000	0024.8	005.6	157.1	001.6000	0823.4	138.6	38.25
012.0	000.1000	0025.5	005.6	157.0	001.6000	0823.4	138.7	38.24
013.0	000.1000	0026.5	005.6	157.0	001.6000	0823.4	138.7	38.22
014.0	000.1000	0027.4	005.6	157.0	001.6000	0823.4	138.8	38.21
015.0	000.1000	0028.5	005.6	156.9	001.6000	0823.4	138.9	38.19
016.0	000.1000	0031.0	005.7	156.9	001.6000	0823.4	138.9	38.19
017.0	000.1000	0034.3	006.0	156.8	001.6000	0823.4	138.7	38.23
018.0	000.1000	0037.0	006.2	156.7	001.6000	0823.5	138.6	38.26
019.0	000.1000	0038.1	006.3	156.6	001.6000	0823.5	138.6	38.26
020.0	000.1000	0038.2	006.3	156.6	001.6000	0823.5	138.7	38.24
021.0	000.1000	0038.1	006.3	156.6	001.6000	0823.5	138.8	38.22
022.0	000.1000	0038.5	006.3	156.5	001.6000	0823.5	138.8	38.20
023.0	000.1000	0039.4	006.4	156.5	001.6000	0823.5	138.8	38.19
024.0	000.1000	0040.4	006.5	156.4	001.6000	0823.5	138.9	38.19
025.0	000.1000	0041.0	006.5	156.4	001.6000	0823.6	138.9	38.17
026.0	000.1000	0041.1	006.5	156.3	001.6000	0823.6	139.0	38.15
027.0	000.1000	0041.2	006.5	156.3	001.6000	0823.6	139.1	38.13
028.0	000.1000	0042.0	006.6	156.2	001.6000	0823.6	139.1	38.12
029.0	000.1000	0043.0	006.7	156.2	001.6000	0823.6	139.2	38.11
030.0	000.1000	0043.5	006.7	156.1	001.6000	0823.6	139.2	38.09
031.0	000.1000	0042.9	006.7	156.1	001.6000	0823.6	139.4	38.05
032.0	000.1000	0041.3	006.5	156.1	001.6000	0823.6	139.5	38.00
033.0	000.1000	0038.8	006.4	156.2	001.6000	0823.6	139.8	37.95
034.0	000.1000	0035.7	006.1	156.3	001.6000	0823.6	140.0	37.89
035.0	000.1000	0032.7	005.9	156.3	001.6000	0823.6	140.2	37.83
036.0	000.1000	0031.1	005.7	156.3	001.6000	0823.6	140.4	37.78
037.0	000.1000	0031.0	005.7	156.3	001.6000	0823.6	140.4	37.76
038.0	000.1000	0032.3	005.8	156.3	001.6000	0823.6	140.5	37.75

Single Channel Allocations Study
Vermont Public Radio

FMCommander Single Allocation Study - 04-29-2011 - FCC NGDC 30 Sec
WNCH.A's Overlaps (In= 31.82 km, Out= 11.97 km)

WNCH.A CH 201 B DA
Lat= 43 26 15.0, Lng= 72 27 08.0
1.6 kW 686.2 M HAAT, 972.5 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WEVS CH 202 A DA BLED20050720ACY
Lat= 42 45 00.0, Lng= 71 28 47.0
5.0 kW 21 M HAAT, 89 M COR
Prot.= 60 dBu, Intef.= 54 dBu



04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WNCH.A

WEVS BLED20050720ACY

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Protected

60 dBu

Channel = 202A

Max ERP = 5 kW

RCAMSL = 89 M

N. Lat. 42 45 00.0

W. Lng. 71 28 47.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
074.0	001.0239	0717.0	048.9	340.5	005.0000	0022.9	095.5	33.89	
075.0	001.0464	0710.8	048.9	340.5	005.0000	0022.9	094.6	34.06	
076.0	001.0691	0703.1	048.9	340.4	005.0000	0022.8	093.8	34.24	
077.0	001.0921	0695.3	048.8	340.3	005.0000	0022.6	092.9	34.41	
078.0	001.1154	0686.5	048.7	340.2	005.0000	0022.4	092.1	34.58	
079.0	001.1388	0678.1	048.6	340.1	005.0000	0022.2	091.3	34.75	
080.0	001.1625	0670.7	048.6	340.0	005.0000	0022.0	090.4	34.92	
081.0	001.2173	0665.5	048.9	340.0	005.0000	0022.1	089.5	35.10	
082.0	001.2747	0664.3	049.3	340.2	005.0000	0022.3	088.6	35.29	
083.0	001.3348	0664.2	049.7	340.3	005.0000	0022.6	087.7	35.48	
084.0	001.3977	0663.4	050.1	340.5	005.0000	0022.8	086.7	35.68	
085.0	001.4636	0663.4	050.6	340.6	005.0000	0023.0	085.8	35.88	
086.0	001.5325	0663.4	051.0	340.7	005.0000	0023.2	084.8	36.08	
087.0	001.6000	0663.4	051.5	340.8	005.0000	0023.3	083.8	36.27	
088.0	001.6000	0662.5	051.4	340.6	005.0000	0023.1	083.0	36.45	
089.0	001.6000	0662.3	051.4	340.4	005.0000	0022.7	082.1	36.62	
090.0	001.6000	0662.1	051.4	340.2	005.0000	0022.4	081.3	36.79	
091.0	001.6000	0662.1	051.4	340.0	005.0000	0022.0	080.5	36.96	
092.0	001.6000	0662.9	051.4	339.8	005.0000	0021.7	079.6	37.13	
093.0	001.6000	0663.1	051.5	339.5	005.0000	0021.2	078.8	37.29	
094.0	001.6000	0665.4	051.5	339.3	005.0000	0020.8	077.9	37.45	
095.0	001.6000	0668.7	051.6	339.1	005.0000	0020.4	077.1	37.62	
096.0	001.6000	0670.2	051.7	338.8	005.0000	0019.8	076.2	37.77	
097.0	001.6000	0673.4	051.8	338.6	005.0000	0019.2	075.4	37.93	
098.0	001.6000	0676.1	051.9	338.3	005.0000	0018.6	074.6	38.08	
099.0	001.6000	0677.9	052.0	338.0	005.0000	0017.9	073.8	38.23	
100.0	001.6000	0680.3	052.0	337.6	005.0000	0017.1	072.9	38.38	
101.0	001.6000	0680.6	052.1	337.2	005.0000	0016.4	072.2	38.51	
102.0	001.6000	0678.9	052.0	336.8	005.0000	0015.6	071.5	38.64	
103.0	001.6000	0676.7	051.9	336.3	005.0000	0014.9	070.8	38.77	
104.0	001.6000	0674.7	051.9	335.8	005.0000	0014.4	070.1	38.89	
105.0	001.6000	0672.9	051.8	335.3	005.0000	0014.0	069.4	39.01	
106.0	001.6000	0672.3	051.8	334.8	005.0000	0013.5	068.8	39.13	
107.0	001.6000	0674.3	051.8	334.3	005.0000	0013.0	068.0	39.26	
108.0	001.6000	0679.4	052.0	333.9	005.0000	0012.5	067.3	39.40	
109.0	001.6000	0686.5	052.3	333.5	005.0000	0012.0	066.5	39.55	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
110.0	001.6000	0695.6	052.6	333.1	005.0000	0011.5	065.6	39.70
111.0	001.6000	0705.1	052.9	332.7	005.0000	0011.0	064.8	39.86
112.0	001.6000	0714.7	053.2	332.2	005.0000	0010.4	063.9	40.02
113.0	001.6000	0724.4	053.5	331.8	005.0000	0010.1	063.1	40.18
114.0	001.6000	0733.4	053.8	331.2	005.0000	0010.0	062.3	40.33
115.0	001.6000	0742.1	054.0	330.7	005.0000	0010.3	061.5	40.49
116.0	001.6000	0749.9	054.3	330.1	005.0000	0010.9	060.8	40.63
117.0	001.6000	0756.8	054.5	329.4	005.0000	0012.1	060.1	40.77
118.0	001.6000	0763.8	054.7	328.7	005.0000	0013.8	059.4	40.91
119.0	001.6000	0771.2	054.9	328.0	005.0000	0015.7	058.8	41.05
120.0	001.6000	0779.3	055.1	327.3	005.0000	0017.8	058.1	41.19
121.0	001.6000	0787.4	055.4	326.6	005.0000	0019.7	057.5	41.32
122.0	001.6000	0794.5	055.6	325.8	005.0000	0021.3	056.9	41.44
123.0	001.6000	0800.9	055.7	324.9	005.0000	0022.6	056.4	41.56
124.0	001.6000	0806.1	055.9	324.0	005.0000	0023.8	055.9	41.66
125.0	001.6000	0810.6	056.0	323.1	005.0000	0024.6	055.5	41.75
126.0	001.6000	0814.8	056.1	322.2	005.0000	0024.3	055.1	41.83
127.0	001.6000	0818.2	056.2	321.2	005.0000	0023.0	054.7	41.91
128.0	001.6000	0820.0	056.3	320.2	005.0000	0021.9	054.5	41.96
129.0	001.6000	0819.6	056.3	319.2	005.0000	0021.8	054.3	42.00
130.0	001.6000	0816.4	056.2	318.2	005.0000	0022.7	054.2	42.02
131.0	001.6000	0811.3	056.0	317.1	005.0000	0024.1	054.2	42.01
132.0	001.6000	0805.7	055.9	316.1	005.0000	0025.4	054.3	42.00
133.0	001.6000	0800.1	055.7	315.1	005.0000	0026.1	054.4	41.98
134.0	001.6000	0794.4	055.6	314.0	005.0000	0025.7	054.5	41.95
135.0	001.6000	0788.1	055.4	313.0	005.0000	0024.6	054.7	41.90
136.0	001.6000	0782.0	055.2	312.0	005.0000	0023.9	055.0	41.85
137.0	001.6000	0776.8	055.1	311.1	005.0000	0023.8	055.2	41.80
138.0	001.6000	0772.2	054.9	310.1	005.0000	0024.2	055.5	41.75
139.0	001.6000	0767.3	054.8	309.1	005.0000	0024.5	055.7	41.69
140.0	001.6000	0763.2	054.7	308.2	005.0000	0024.4	056.0	41.62
141.0	001.6000	0761.6	054.6	307.3	005.0000	0024.1	056.3	41.57
142.0	001.6000	0763.4	054.7	306.3	005.0000	0023.3	056.5	41.53
143.0	001.6000	0767.5	054.8	305.4	005.0000	0021.9	056.7	41.49
144.0	001.6000	0772.4	054.9	304.4	005.0000	0019.6	056.8	41.46
145.0	001.6000	0776.7	055.1	303.5	005.0000	0016.7	057.1	41.41
146.0	001.6000	0780.5	055.2	302.5	005.0000	0014.0	057.3	41.35
147.0	001.6000	0785.5	055.3	301.6	005.0000	0011.5	057.6	41.29
148.0	001.6000	0790.3	055.5	300.7	005.0000	0009.4	057.9	41.23
149.0	001.6000	0794.0	055.6	299.8	004.9927	0006.9	058.3	41.14
150.0	001.6000	0797.5	055.7	298.9	004.9624	0004.1	058.7	41.03
151.0	001.6000	0802.7	055.8	298.1	004.9321	0001.0	059.1	40.92
152.0	001.6000	0809.7	056.0	297.2	004.9015	-0002.4	059.5	40.81
153.0	001.6000	0816.3	056.2	296.3	004.8718	-0006.0	059.9	40.70
154.0	001.6000	0820.8	056.3	295.5	004.8440	-0009.6	060.4	40.57
155.0	001.6000	0823.1	056.3	294.8	004.8183	-0013.0	061.0	40.43
156.0	001.6000	0823.7	056.4	294.1	004.7944	-0015.8	061.6	40.28
157.0	001.6000	0823.4	056.4	293.4	004.7719	-0017.8	062.3	40.13
158.0	001.6000	0823.2	056.3	292.8	004.7503	-0019.4	063.0	39.97
159.0	001.6000	0822.5	056.3	292.2	004.7299	-0020.6	063.7	39.81
160.0	001.6000	0820.4	056.3	291.6	004.7112	-0021.4	064.5	39.65

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
161.0	001.6000	0816.8	056.2	291.1	004.6944	-0022.0	065.3	39.48
162.0	001.6000	0811.5	056.0	290.7	004.6796	-0022.6	066.2	39.31
163.0	001.6000	0803.7	055.8	290.3	004.6672	-0023.1	067.1	39.14
164.0	001.6000	0792.2	055.5	290.1	004.6582	-0023.4	068.0	38.95
165.0	001.6000	0775.7	055.0	289.9	004.6513	-0023.5	069.1	38.76
166.0	001.6000	0756.9	054.5	289.9	004.6479	-0023.6	070.2	38.55
167.0	001.6000	0737.8	053.9	289.8	004.6467	-0023.6	071.3	38.36
168.0	001.6000	0720.5	053.4	289.8	004.6452	-0023.6	072.4	38.16
169.0	001.6000	0708.2	053.0	289.7	004.6388	-0023.7	073.4	37.97
170.0	001.6000	0702.9	052.8	289.5	004.6246	-0023.9	074.2	37.80
171.0	001.6000	0699.1	052.7	289.2	004.6096	-0024.1	075.1	37.63
172.0	001.6000	0693.6	052.5	289.0	004.5980	-0024.1	076.0	37.45
173.0	001.6000	0689.2	052.3	288.8	004.5859	-0024.2	076.9	37.28
174.0	001.6000	0685.6	052.2	288.6	004.5739	-0024.3	077.8	37.10
175.0	001.6000	0678.8	052.0	288.5	004.5673	-0024.3	078.7	36.92
176.0	001.6000	0670.4	051.7	288.5	004.5639	-0024.3	079.6	36.73
177.0	001.6000	0662.3	051.4	288.4	004.5611	-0024.3	080.6	36.54
178.0	001.6000	0657.1	051.2	288.3	004.5552	-0024.3	081.5	36.35
179.0	001.6000	0652.4	051.1	288.2	004.5496	-0024.3	082.4	36.17
180.0	001.6000	0649.6	051.0	288.1	004.5421	-0024.3	083.2	35.98
181.0	001.6000	0647.0	050.9	288.0	004.5352	-0024.3	084.1	35.80
182.0	001.6000	0644.1	050.8	287.9	004.5295	-0024.3	085.0	35.61
183.0	001.6000	0643.3	050.7	287.8	004.5217	-0024.3	085.8	35.43
184.0	001.6000	0647.5	050.9	287.5	004.5077	-0024.2	086.7	35.24
185.0	001.6000	0654.3	051.1	287.3	004.4911	-0024.1	087.5	35.06
186.0	001.6000	0666.4	051.6	286.9	004.4684	-0023.8	088.3	34.87
187.0	001.6000	0677.2	051.9	286.5	004.4486	-0023.5	089.1	34.68
188.0	001.6000	0684.9	052.2	286.3	004.4339	-0023.3	090.0	34.49
189.0	001.6000	0687.9	052.3	286.2	004.4260	-0023.3	090.8	34.30
190.0	001.6000	0687.7	052.3	286.1	004.4228	-0023.3	091.7	34.11
191.0	001.6000	0686.7	052.3	286.1	004.4213	-0023.3	092.7	33.93
192.0	001.6000	0687.1	052.3	286.0	004.4185	-0023.2	093.6	33.74
193.0	001.6000	0690.9	052.4	285.9	004.4125	-0023.2	094.5	33.55

04-29-2011

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WEVS BLED20050720ACY

WNCH.A

Channel = 202A

Max ERP = 5 kW

RCAMSL = 89 M

N. Lat. 42 45 00.0

W. Lng. 71 28 47.0

Protected

60 dBu

Channel = 201B

Max ERP = 1.6 kW

RCAMSL = 972.5 M

N. Lat. 43 26 15.0

W. Lng. 72 27 08.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
254.0	002.3530	0008.9	012.5	139.7	001.6000	0764.1	104.3	47.03	
255.0	002.4151	0007.9	012.6	139.7	001.6000	0764.2	104.0	47.10	
256.0	002.4781	0006.7	012.6	139.7	001.6000	0764.2	103.8	47.17	
257.0	002.5418	0005.0	012.7	139.7	001.6000	0764.3	103.6	47.23	
258.0	002.6064	0003.3	012.8	139.7	001.6000	0764.4	103.3	47.30	
259.0	002.6718	0001.8	012.9	139.6	001.6000	0764.4	103.1	47.37	
260.0	002.7380	0000.6	012.9	139.6	001.6000	0764.5	102.9	47.44	
261.0	002.8005	0000.2	013.0	139.6	001.6000	0764.7	102.6	47.51	
262.0	002.8637	0000.0	013.1	139.6	001.6000	0764.8	102.4	47.58	
263.0	002.9277	-0000.8	013.1	139.5	001.6000	0764.9	102.2	47.65	
264.0	002.9923	-0002.4	013.2	139.5	001.6000	0765.1	101.9	47.72	
265.0	003.0576	-0004.2	013.3	139.4	001.6000	0765.2	101.7	47.78	
266.0	003.1237	-0006.2	013.4	139.4	001.6000	0765.4	101.5	47.85	
267.0	003.1904	-0007.2	013.4	139.3	001.6000	0765.6	101.3	47.92	
268.0	003.2579	-0008.2	013.5	139.3	001.6000	0765.9	101.0	47.99	
269.0	003.3260	-0009.2	013.6	139.2	001.6000	0766.1	100.8	48.06	
270.0	003.3949	-0010.2	013.6	139.2	001.6000	0766.4	100.6	48.13	
271.0	003.4595	-0012.5	013.7	139.1	001.6000	0766.7	100.4	48.20	
272.0	003.5246	-0015.0	013.7	139.1	001.6000	0767.0	100.1	48.27	
273.0	003.5904	-0017.4	013.8	139.0	001.6000	0767.3	099.9	48.34	
274.0	003.6568	-0019.6	013.9	138.9	001.6000	0767.7	099.7	48.41	
275.0	003.7238	-0021.3	013.9	138.8	001.6000	0768.0	099.5	48.48	
276.0	003.7915	-0022.6	014.0	138.8	001.6000	0768.4	099.3	48.54	
277.0	003.8597	-0024.2	014.1	138.7	001.6000	0768.8	099.1	48.61	
278.0	003.9285	-0024.8	014.1	138.6	001.6000	0769.2	098.8	48.68	
279.0	003.9980	-0025.3	014.2	138.5	001.6000	0769.6	098.6	48.75	
280.0	004.0680	-0025.9	014.2	138.4	001.6000	0770.1	098.4	48.81	
281.0	004.1250	-0026.9	014.3	138.3	001.6000	0770.5	098.2	48.88	
282.0	004.1825	-0027.4	014.3	138.2	001.6000	0771.1	098.1	48.94	
283.0	004.2403	-0026.3	014.4	138.1	001.6000	0771.6	097.9	49.00	
284.0	004.2985	-0024.9	014.4	138.0	001.6000	0772.1	097.7	49.06	
285.0	004.3571	-0023.7	014.5	137.9	001.6000	0772.6	097.5	49.12	
286.0	004.4161	-0023.2	014.5	137.8	001.6000	0773.1	097.3	49.18	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
287.0	004.4755	-0023.9	014.6	137.7	001.6000	0773.6	097.1	49.24
288.0	004.5353	-0024.3	014.6	137.6	001.6000	0774.1	097.0	49.30
289.0	004.5955	-0024.2	014.7	137.5	001.6000	0774.6	096.8	49.36
290.0	004.6561	-0023.5	014.7	137.4	001.6000	0775.2	096.6	49.42
291.0	004.6900	-0022.2	014.8	137.2	001.6000	0775.8	096.5	49.47
292.0	004.7239	-0020.9	014.8	137.1	001.6000	0776.4	096.4	49.51
293.0	004.7580	-0018.8	014.8	137.0	001.6000	0777.0	096.2	49.56
294.0	004.7922	-0016.0	014.8	136.8	001.6000	0777.6	096.1	49.61
295.0	004.8265	-0011.9	014.9	136.7	001.6000	0778.3	096.0	49.66
296.0	004.8610	-0007.3	014.9	136.6	001.6000	0779.0	095.8	49.70
297.0	004.8956	-0003.1	014.9	136.4	001.6000	0779.8	095.7	49.75
298.0	004.9302	0000.8	014.9	136.3	001.6000	0780.5	095.6	49.79
299.0	004.9651	0004.4	015.0	136.1	001.6000	0781.3	095.5	49.83
300.0	005.0000	0007.5	015.0	136.0	001.6000	0782.0	095.4	49.87
301.0	005.0000	0010.1	015.0	135.8	001.6000	0782.9	095.3	49.91
302.0	005.0000	0012.5	015.0	135.7	001.6000	0783.8	095.3	49.94
303.0	005.0000	0015.4	015.0	135.5	001.6000	0784.7	095.2	49.97
304.0	005.0000	0018.4	015.0	135.4	001.6000	0785.8	095.1	50.00
305.0	005.0000	0021.2	015.0	135.2	001.6000	0786.8	095.1	50.03
306.0	005.0000	0022.9	015.0	135.1	001.6000	0787.8	095.0	50.05
307.0	005.0000	0023.9	015.0	134.9	001.6000	0788.7	095.0	50.08
308.0	005.0000	0024.4	015.0	134.8	001.6000	0789.7	095.0	50.10
309.0	005.0000	0024.5	015.0	134.6	001.6000	0790.7	094.9	50.12
310.0	005.0000	0024.2	015.0	134.4	001.6000	0791.7	094.9	50.14
311.0	005.0000	0023.8	015.0	134.3	001.6000	0792.7	094.9	50.16
312.0	005.0000	0023.8	015.0	134.1	001.6000	0793.7	094.9	50.18
313.0	005.0000	0024.6	015.0	134.0	001.6000	0794.6	094.9	50.20
314.0	005.0000	0025.6	015.0	133.8	001.6000	0795.5	094.9	50.21
315.0	005.0000	0026.1	015.0	133.6	001.6000	0796.5	094.9	50.22
316.0	005.0000	0025.5	015.0	133.5	001.6000	0797.4	094.9	50.23
317.0	005.0000	0024.3	015.0	133.3	001.6000	0798.3	094.9	50.24
318.0	005.0000	0022.9	015.0	133.2	001.6000	0799.2	094.9	50.24
319.0	005.0000	0021.9	015.0	133.0	001.6000	0800.0	094.9	50.25
320.0	005.0000	0021.7	015.0	132.9	001.6000	0800.8	094.9	50.25
321.0	005.0000	0022.7	015.0	132.7	001.6000	0801.6	095.0	50.25
322.0	005.0000	0024.1	015.0	132.5	001.6000	0802.5	095.0	50.25
323.0	005.0000	0024.7	015.0	132.4	001.6000	0803.4	095.1	50.25
324.0	005.0000	0023.9	015.0	132.2	001.6000	0804.3	095.1	50.24
325.0	005.0000	0022.5	015.0	132.1	001.6000	0805.2	095.2	50.24
326.0	005.0000	0020.8	015.0	131.9	001.6000	0806.1	095.2	50.23
327.0	005.0000	0018.7	015.0	131.8	001.6000	0807.0	095.3	50.22
328.0	005.0000	0015.9	015.0	131.6	001.6000	0807.9	095.4	50.21
329.0	005.0000	0013.1	015.0	131.5	001.6000	0808.7	095.4	50.20
330.0	005.0000	0011.1	015.0	131.3	001.6000	0809.5	095.5	50.19
331.0	005.0000	0010.1	015.0	131.2	001.6000	0810.3	095.6	50.17
332.0	005.0000	0010.3	015.0	131.0	001.6000	0811.1	095.7	50.15
333.0	005.0000	0011.4	015.0	130.9	001.6000	0811.9	095.8	50.13
334.0	005.0000	0012.6	015.0	130.7	001.6000	0812.7	095.9	50.11
335.0	005.0000	0013.7	015.0	130.6	001.6000	0813.5	096.0	50.09
336.0	005.0000	0014.6	015.0	130.4	001.6000	0814.2	096.1	50.07
337.0	005.0000	0015.9	015.0	130.3	001.6000	0814.9	096.2	50.04

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
338.0	005.0000	0018.0	015.0	130.2	001.6000	0815.6	096.3	50.02
339.0	005.0000	0020.2	015.0	130.0	001.6000	0816.3	096.4	49.99
340.0	005.0000	0022.1	015.0	129.9	001.6000	0816.9	096.6	49.96
341.0	005.0000	0023.6	015.0	129.8	001.6000	0817.4	096.7	49.92
342.0	005.0000	0024.8	015.0	129.6	001.6000	0817.9	096.8	49.89
343.0	005.0000	0025.9	015.0	129.5	001.6000	0818.3	097.0	49.85
344.0	005.0000	0026.6	015.0	129.4	001.6000	0818.7	097.1	49.81
345.0	005.0000	0027.5	015.0	129.2	001.6000	0819.0	097.3	49.77
346.0	005.0000	0028.6	015.0	129.1	001.6000	0819.3	097.4	49.73
347.0	005.0000	0029.4	015.0	129.0	001.6000	0819.6	097.6	49.68
348.0	005.0000	0030.0	015.0	128.9	001.6000	0819.8	097.7	49.64
349.0	005.0000	0030.8	015.2	128.7	001.6000	0819.9	097.8	49.63
350.0	005.0000	0031.4	015.3	128.5	001.6000	0820.0	097.8	49.61
351.0	005.0000	0032.4	015.5	128.3	001.6000	0820.1	097.8	49.61
352.0	005.0000	0034.6	016.1	128.0	001.6000	0819.9	097.6	49.67
353.0	005.0000	0037.6	016.8	127.5	001.6000	0819.4	097.3	49.76
354.0	005.0000	0040.5	017.5	127.1	001.6000	0818.5	097.0	49.84
355.0	005.0000	0042.6	018.0	126.8	001.6000	0817.5	096.9	49.86
356.0	005.0000	0044.6	018.5	126.5	001.6000	0816.6	096.8	49.87
357.0	005.0000	0046.1	018.8	126.2	001.6000	0815.5	096.9	49.85
358.0	005.0000	0047.6	019.2	125.9	001.6000	0814.4	096.9	49.82
359.0	005.0000	0048.4	019.3	125.7	001.6000	0813.6	097.1	49.76
000.0	005.0000	0049.4	019.6	125.5	001.6000	0812.6	097.2	49.71
001.0	005.0000	0050.5	019.8	125.2	001.6000	0811.7	097.4	49.65
002.0	005.0000	0051.4	020.0	125.0	001.6000	0810.8	097.5	49.59
003.0	005.0000	0051.5	020.0	124.9	001.6000	0810.3	097.8	49.50
004.0	005.0000	0050.5	019.8	124.9	001.6000	0810.2	098.2	49.37
005.0	005.0000	0048.4	019.3	125.0	001.6000	0810.7	098.8	49.22
006.0	005.0000	0046.0	018.8	125.2	001.6000	0811.4	099.3	49.07
007.0	005.0000	0043.5	018.2	125.4	001.6000	0812.3	099.9	48.91
008.0	005.0000	0041.4	017.7	125.6	001.6000	0813.0	100.4	48.76
009.0	005.0000	0039.9	017.4	125.6	001.6000	0813.4	100.8	48.63
010.0	005.0000	0038.7	017.1	125.7	001.6000	0813.7	101.2	48.52
011.0	005.0000	0037.3	016.7	125.8	001.6000	0814.1	101.6	48.40
012.0	005.0000	0036.0	016.4	125.9	001.6000	0814.5	102.0	48.28
013.0	005.0000	0035.3	016.2	125.9	001.6000	0814.6	102.4	48.18