

Vermont Public Radio
Brattleboro 205

REFERENCE
42 49 44.0 N.
72 35 52.0 W.

CH# 205A - 88.9 MHz, Pwr= 6 kW, HAAT= 33.2 M, COR= 305 M
Average Protected F(50-50)= 16.56 km

DISPLAY DATES
DATA 10-12-07
SEARCH 10-14-07

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
06Z1C Schenectady	WRGB	LI	_HN	259.9 78.9	116.47 BLCT2492	42 38 12.0 73 59 45.0	93.300 311	555	117.6 Freedom Broadcasting Of Ne	134.7R	-18.2M
206B Concord	WEVO	LI	_CN	62.4 243.1	93.78 BLED19830307AD	43 12 53.0 71 34 28.0	50.000 116	67.0 251	42.2 New Hampshire Public Radi o	2.84	15.07
205B1 Boston	WERS	LI	_CN	112.3 293.3	137.11 BLED19900706KB	42 21 08.0 71 03 25.0	4.000 186	91.0 203	33.0 Emerson College	8.43	5.11
203B Amherst	WFCR	LI	_CN	164.5 344.6	53.63 BLED19970605KB	42 21 49.0 72 25 24.0	13.000 295	4.6 478	45.2 Uni versi ty Of Massachuset t	24.47	6.02
205B1 Hartford	WJMJ	LI	DCN	195.4 15.1	123.96 BLED19971010KA	41 45 09.0 72 59 40.0	6.200 185	98.8 389	37.7 St. Thomas Semi nary	9.37	17.91
206B Schenectady	WMHT-FM	LI	_CN	259.9 79.0	116.93 BLED1213	42 38 13.0 74 00 06.0	11.000 283	88.4 517	59.4 Wmht Educational Telecommu	12.79	34.10
208B Windsor	WVPR	LI	_CN	9.8 189.9	68.70 BLED19910212KB	43 26 17.0 72 27 08.0	1.800 657	2.8 965	53.1 Vermont Public Radi o	38.69	13.02
208B Windsor	WVPR	CP	_CX	9.9 189.9	68.64 BPED20040628AAF	43 26 15.0 72 27 08.0	1.700 694	2.8 975	52.9 Vermont Public Radi o	38.69	13.15
204C2 Rutland	WRVT	APP	DEX	336.1 155.7	101.03 BPED20070808ADL	43 39 31.0 73 06 25.0	4.800 412	67.7 663	45.4 Vermont Public Radi o	17.54	32.15
204C2 Rutland	WRVT	LI	DEN	336.1 155.7	101.06 BLED19881215KA	43 39 32.0 73 06 25.0	2.800 405	58.8 663	39.2 Vermont Public Radi o	26.51	38.38
207A Amherst	WAMH	LI	_CN	164.5 344.6	53.57 BLED1567	42 21 51.0 72 25 24.0	0.150 219	0.9 402	12.5 Trustees Of Amherst Colleg	28.18	38.65
06+1C New Bedford	WLNETV	LI	_CY	139.3 320.2	179.58 BLCT19920604KF	41 35 48.0 71 11 24.0	100.000 283	308	104.0 Freedom Broadcasting Of So	146.7R	32.9M
06-C Portland	WCSH	LI	D_N	52.5 233.8	190.99 BLCT19990713KG	43 51 30.0 70 42 41.0	100.000 610	763	123.3 Paci fic And Southern Compa	150.4R	40.5M
202A Nashua	WEVS	LI	DEX	95.1 275.9	91.90 BLED20050720ACY	42 45 00.0 71 28 47.0	5.000 21	1.6 89	14.0 New Hampshire Public Radi o	61.77	75.14
208A Westfield	WSKB	LI	_CN	192.0 11.9	79.14 BLED19830222AT	42 07 55.0 72 47 51.0	0.100 -66	0.7 116	5.6 Trustees Of Westfield Stat	62.69	71.93
204B1 Smi thfield	WJMF	APP	ZVX	138.9 319.6	133.49 BPED20070907AAR	41 55 12.0 71 32 15.0	8.500 56	16.9 153	11.7 Bryant Uni versi ty	79.24	66.40
06 1E New Haven	WEDY-D	CPM	_HN	188.8 8.6	168.62 BMPEDT20020305AA	41 19 42.0 72 54 25.0	0.400 88	131	26.0 Connecti cut Public Broadca	52.0R	116.7M

Terrain database is USGS 03 SEC Distance + R = FCC Required Spacings in KM, Distance + M = Margin in KM
ERP and HAAT are on direct line to and from reference station.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

HOW TO READ THE FM COMPUTER PRINT-OUT

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. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. 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 sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of contour overlap. Listed antenna heights and power are the specific antenna heights and the DA power, if applicable, along the straight line azimuths between the reference station and the database station are used and visa versa. The column labeled "*** OUT ***" shows the distance in kilometers of overlap or 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 "AZIMUTH" 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 and relationships with commercial channel stations the minimum spacings the "IN" and "OUT" columns 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** separation 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 will be flagged by the characters "<<" appended to the end of the call letters. The "^" character appended to the call letters means the station has been "max-classed" according to the provisions of section 73.525 of the Rules.

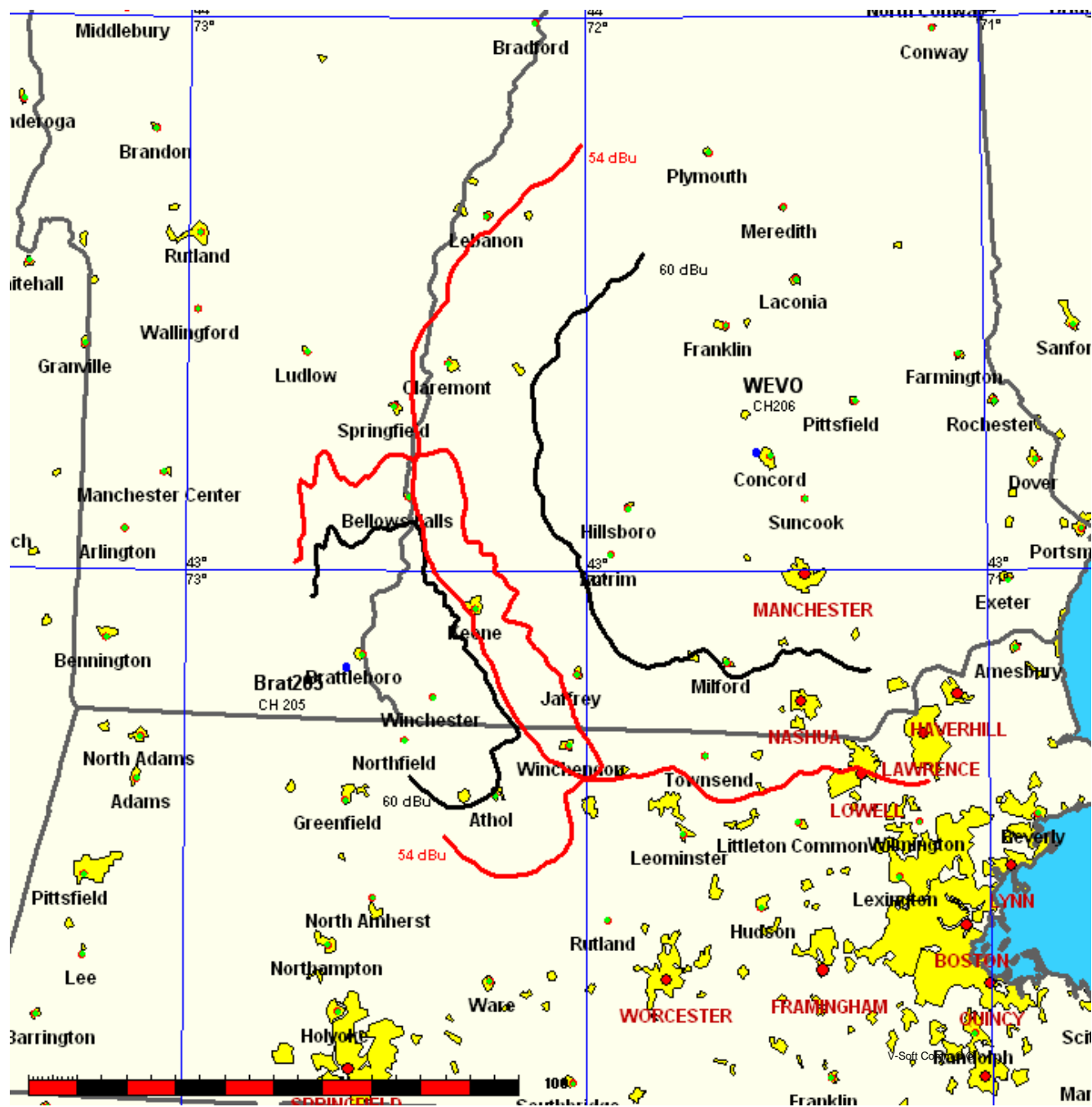
The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates with an omni-directional antenna. The fifth letter will 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.

Vermont Public Radio
Brattleboro 205 v WEVO

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WEVO CH 206 B BLED19830307AD
50.0 kW, 251 M COR
Prot. = 60 dBu
Intef. = 54 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WEVO

BLED19830307AD

Channel = 206B

Max ERP = 50 kW

RCAMSL = 251 M

N. Lat. 43 12 53.0

W. Lng. 71 34 28.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
002.0	005.2350	0075.4	024.0	257.4	050.0000	0098.4	084.6	49.72
003.0	005.1350	0075.3	023.9	257.3	050.0000	0098.4	084.2	49.82
004.0	005.0359	0079.0	024.3	257.5	050.0000	0098.4	083.7	49.97
005.0	004.9379	0082.3	024.7	257.6	050.0000	0098.4	083.1	50.11
006.0	004.8408	0085.7	025.1	257.8	050.0000	0098.5	082.6	50.26
007.0	004.7446	0086.0	025.0	257.6	050.0000	0098.4	082.2	50.37
008.0	004.6495	0090.9	025.6	257.9	050.0000	0098.5	081.6	50.54
009.0	004.5553	0100.1	026.6	258.5	050.0000	0098.9	080.8	50.78
010.0	004.4620	0106.7	027.3	258.8	050.0000	0099.2	080.1	50.99
011.0	004.2612	0115.3	027.9	259.1	050.0000	0099.6	079.4	51.20
012.0	004.0694	0122.4	028.3	259.2	050.0000	0099.8	078.8	51.38
013.0	003.8863	0127.4	028.5	259.2	050.0000	0099.7	078.3	51.53
014.0	003.7114	0132.8	028.7	259.2	050.0000	0099.7	077.8	51.68
015.0	003.5443	0137.0	028.8	259.1	050.0000	0099.6	077.3	51.81
016.0	003.3848	0139.5	028.7	258.8	050.0000	0099.3	076.9	51.91
017.0	003.2325	0142.7	028.7	258.7	050.0000	0099.1	076.4	52.03
018.0	003.0870	0146.7	028.8	258.5	050.0000	0099.0	076.0	52.15
019.0	002.9480	0157.1	029.4	258.7	050.0000	0099.1	075.2	52.37
020.0	002.8154	0166.1	029.9	258.8	050.0000	0099.2	074.5	52.58
021.0	002.7907	0171.8	030.3	258.9	050.0000	0099.3	073.8	52.77
022.0	002.7662	0177.0	030.7	258.9	050.0000	0099.3	073.2	52.96
023.0	002.7419	0182.8	031.1	258.9	050.0000	0099.4	072.5	53.16
024.0	002.7176	0189.4	031.5	259.0	050.0000	0099.4	071.8	53.37
025.0	002.6934	0194.2	031.9	258.9	050.0000	0099.4	071.2	53.55
026.0	002.6693	0195.6	031.9	258.7	050.0000	0099.1	070.7	53.68
027.0	002.6454	0192.6	031.6	258.2	050.0000	0098.7	070.5	53.72
028.0	002.6215	0189.1	031.2	257.7	050.0000	0098.5	070.3	53.76
029.0	002.5978	0184.8	030.8	257.1	050.0000	0098.4	070.1	53.80
030.0	002.5741	0179.5	030.3	256.5	050.0000	0098.6	070.1	53.83
031.0	002.5373	0174.7	029.9	256.0	050.0000	0099.4	070.0	53.88
032.0	002.5008	0168.0	029.2	255.3	050.0000	0100.5	070.2	53.91
033.0	002.4645	0161.1	028.5	254.6	050.0000	0101.2	070.3	53.90
034.0	002.4285	0156.5	028.1	254.1	050.0000	0101.5	070.4	53.91
035.0	002.3928	0152.9	027.7	253.6	050.0000	0101.7	070.4	53.92
036.0	002.3573	0148.3	027.2	253.0	050.0000	0102.0	070.4	53.91
037.0	002.3221	0141.0	026.5	252.4	050.0000	0101.9	070.7	53.82
038.0	002.2871	0131.8	025.7	251.7	050.0000	0101.0	071.2	53.64

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
039.0	002.2524	0123.4	024.9	251.1	050.0000	0100.0	071.6	53.47
040.0	002.2180	0117.1	024.3	250.5	050.0000	0099.9	071.9	53.37
041.0	002.3027	0112.6	024.1	250.1	050.0000	0099.8	071.9	53.37
042.0	002.4112	0106.6	023.8	249.7	050.0000	0099.5	072.0	53.33
043.0	002.5248	0101.9	023.5	249.3	050.0000	0099.2	072.0	53.29
044.0	002.6438	0097.4	023.2	248.9	050.0000	0098.5	072.1	53.24
045.0	002.7684	0096.3	023.4	248.7	050.0000	0098.0	071.8	53.29
046.0	002.8989	0098.4	023.9	248.5	050.0000	0097.7	071.2	53.45
047.0	003.0355	0098.8	024.2	248.3	050.0000	0097.3	070.8	53.56
048.0	003.1786	0097.9	024.3	248.0	050.0000	0096.7	070.5	53.60
049.0	003.3284	0093.7	024.0	247.6	050.0000	0095.7	070.6	53.52
050.0	003.4852	0087.9	023.6	247.2	050.0000	0094.6	070.9	53.35
051.0	003.6495	0087.5	023.8	246.9	050.0000	0093.9	070.6	53.41
052.0	003.8215	0088.7	024.2	246.7	050.0000	0093.3	070.1	53.51
053.0	004.0016	0089.3	024.5	246.4	050.0000	0092.6	069.7	53.59
054.0	004.1902	0087.2	024.5	246.0	050.0000	0091.7	069.6	53.56
055.0	004.3877	0083.8	024.3	245.7	050.0000	0090.7	069.8	53.47
056.0	004.5945	0080.4	024.0	245.3	050.0000	0089.8	069.9	53.37
057.0	004.8110	0076.2	023.7	244.9	050.0000	0088.8	070.2	53.23
058.0	005.0377	0073.0	023.5	244.6	050.0000	0087.6	070.3	53.11
059.0	005.2751	0071.8	023.6	244.2	050.0000	0086.9	070.2	53.10
060.0	005.5237	0072.4	023.9	243.9	050.0000	0086.6	069.9	53.19
061.0	005.7841	0071.7	024.0	243.6	050.0000	0086.5	069.7	53.23
062.0	006.0000	0070.0	024.0	243.2	050.0000	0086.4	069.8	53.21
063.0	006.0000	0070.3	024.0	242.9	050.0000	0086.3	069.7	53.22
064.0	006.0000	0070.1	024.0	242.5	050.0000	0086.6	069.7	53.23
065.0	006.0000	0071.4	024.2	242.2	050.0000	0086.9	069.6	53.29
066.0	006.0000	0074.4	024.6	241.8	050.0000	0086.7	069.1	53.40
067.0	006.0000	0073.9	024.6	241.5	050.0000	0086.3	069.3	53.35
068.0	006.0000	0070.8	024.1	241.2	050.0000	0085.4	069.8	53.15
069.0	006.0000	0067.3	023.6	240.9	050.0000	0084.6	070.4	52.93
070.0	006.0000	0065.8	023.3	240.6	050.0000	0084.0	070.6	52.82
071.0	006.0000	0063.4	023.0	240.3	050.0000	0083.8	071.1	52.68
072.0	006.0000	0060.6	022.5	240.1	050.0000	0083.8	071.6	52.54
073.0	006.0000	0059.5	022.4	239.8	050.0000	0084.2	071.8	52.49
074.0	006.0000	0060.0	022.5	239.5	050.0000	0085.1	071.9	52.54
075.0	006.0000	0064.1	023.1	239.0	050.0000	0086.4	071.4	52.75
076.0	006.0000	0067.9	023.7	238.6	050.0000	0088.6	070.9	53.01
077.0	006.0000	0071.9	024.3	238.1	050.0000	0090.1	070.5	53.22
078.0	006.0000	0075.3	024.8	237.6	050.0000	0090.5	070.1	53.34
079.0	006.0000	0075.6	024.8	237.3	050.0000	0090.2	070.3	53.29
080.0	006.0000	0074.2	024.6	237.0	050.0000	0089.7	070.6	53.16
081.0	006.0000	0072.4	024.3	236.8	050.0000	0089.3	071.1	53.01
082.0	006.0000	0073.3	024.5	236.4	050.0000	0088.8	071.1	52.97
083.0	006.0000	0075.2	024.8	236.0	050.0000	0088.7	071.0	52.98
084.0	006.0000	0076.8	025.0	235.6	050.0000	0089.4	071.0	53.02
085.0	006.0000	0079.1	025.3	235.2	050.0000	0090.9	071.0	53.13
086.0	006.0000	0082.1	025.8	234.7	050.0000	0092.4	070.8	53.26
087.0	006.0000	0084.9	026.2	234.2	050.0000	0093.0	070.7	53.32
088.0	006.0000	0085.9	026.3	233.8	050.0000	0093.2	070.8	53.30
089.0	006.0000	0086.9	026.5	233.5	050.0000	0093.4	071.0	53.26

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
090.0	006.0000	0088.3	026.7	233.1	050.0000	0093.4	071.1	53.24
091.0	006.0000	0092.8	027.3	232.5	050.0000	0093.6	070.9	53.30
092.0	006.0000	0098.1	028.0	231.8	050.0000	0094.0	070.7	53.40
093.0	006.0000	0099.8	028.3	231.4	050.0000	0094.4	070.8	53.38
094.0	006.0000	0099.6	028.2	231.1	050.0000	0094.8	071.2	53.30
095.0	006.0000	0101.5	028.5	230.6	050.0000	0095.4	071.3	53.29
096.0	006.0000	0103.7	028.8	230.2	050.0000	0096.3	071.5	53.29
097.0	006.0000	0105.9	029.1	229.8	050.0000	0097.4	071.6	53.30
098.0	006.0000	0108.8	029.4	229.3	050.0000	0098.9	071.8	53.35
099.0	006.0000	0111.7	029.8	228.8	050.0000	0100.4	072.0	53.38
100.0	006.0000	0115.5	030.2	228.3	050.0000	0102.0	072.1	53.43
101.0	006.0000	0118.7	030.6	227.8	050.0000	0103.3	072.3	53.44
102.0	006.0000	0120.5	030.8	227.4	050.0000	0104.4	072.6	53.40
103.0	006.0000	0124.5	031.2	226.9	050.0000	0105.7	072.8	53.41
104.0	006.0000	0129.4	031.7	226.3	050.0000	0107.1	073.0	53.43
105.0	006.0000	0134.3	032.3	225.7	050.0000	0108.3	073.2	53.45
106.0	006.0000	0140.9	033.0	225.0	050.0000	0109.9	073.3	53.49
107.0	006.0000	0149.9	034.1	224.0	050.0000	0111.6	073.4	53.57
108.0	006.0000	0157.4	034.9	223.2	050.0000	0113.1	073.5	53.59
109.0	006.0000	0166.9	035.9	222.3	050.0000	0114.8	073.7	53.63
110.0	006.0000	0176.5	036.9	221.5	050.0000	0115.9	073.9	53.62
111.0	006.0000	0184.5	037.6	220.8	050.0000	0116.9	074.3	53.57
112.0	006.0000	0185.7	037.7	220.5	050.0000	0117.3	074.9	53.41
113.0	006.0000	0183.2	037.5	220.5	050.0000	0117.3	075.6	53.21
114.0	006.0000	0176.3	036.9	220.8	050.0000	0116.8	076.4	52.94
115.0	006.0000	0168.6	036.1	221.2	050.0000	0116.2	077.2	52.67
116.0	006.0000	0162.6	035.5	221.6	050.0000	0115.7	078.0	52.42
117.0	006.0000	0160.1	035.2	221.7	050.0000	0115.6	078.6	52.23
118.0	006.0000	0158.8	035.1	221.7	050.0000	0115.6	079.3	52.04
119.0	006.0000	0154.0	034.5	221.9	050.0000	0115.3	080.0	51.82
120.0	006.0000	0151.1	034.2	222.1	050.0000	0115.1	080.6	51.62
121.0	006.0000	0154.8	034.6	221.7	050.0000	0115.6	081.1	51.50
122.0	006.0000	0162.7	035.5	221.0	050.0000	0116.5	081.6	51.41

10-14-2007 USGS 03 SEC Terrain Data

WEVO BLED19830307AD
 Channel = 206B
 Max ERP = 50 kW
 RCAMSL = 251 M
 N. Lat. 43 12 53.0
 W. Lng. 71 34 28.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
183.0	050.0000	0100.7	044.9	091.0	006.0000	0093.0	081.4	41.13
184.0	050.0000	0103.4	045.3	091.4	006.0000	0094.5	080.6	41.42
185.0	050.0000	0103.7	045.4	091.4	006.0000	0094.5	079.8	41.64
186.0	050.0000	0104.0	045.4	091.4	006.0000	0094.5	079.0	41.86
187.0	050.0000	0103.4	045.3	091.3	006.0000	0093.9	078.2	42.05
188.0	050.0000	0100.3	044.8	090.8	006.0000	0091.7	077.5	42.14
189.0	050.0000	0096.8	044.2	090.3	006.0000	0089.2	076.8	42.19
190.0	050.0000	0092.3	043.4	089.6	006.0000	0087.6	076.1	42.28
191.0	050.0000	0088.5	042.6	088.9	006.0000	0086.8	075.5	42.40
192.0	050.0000	0085.1	042.0	088.3	006.0000	0086.1	075.0	42.53
193.0	050.0000	0083.1	041.6	087.9	006.0000	0085.8	074.3	42.68
194.0	050.0000	0080.9	041.1	087.4	006.0000	0085.4	073.8	42.82
195.0	050.0000	0080.7	041.1	087.2	006.0000	0085.2	073.1	42.99
196.0	050.0000	0083.3	041.6	087.4	006.0000	0085.4	072.2	43.24
197.0	050.0000	0086.2	042.2	087.7	006.0000	0085.6	071.4	43.50
198.0	050.0000	0090.4	043.0	088.1	006.0000	0086.0	070.4	43.79
199.0	050.0000	0094.2	043.7	088.4	006.0000	0086.3	069.5	44.08
200.0	050.0000	0098.0	044.4	088.8	006.0000	0086.6	068.5	44.37
201.0	050.0000	0099.0	044.6	088.7	006.0000	0086.5	067.7	44.59
202.0	050.0000	0102.1	045.1	088.8	006.0000	0086.7	066.8	44.87
203.0	050.0000	0107.1	046.0	089.2	006.0000	0087.2	065.7	45.21
204.0	050.0000	0111.8	046.7	089.6	006.0000	0087.6	064.7	45.54
205.0	050.0000	0114.8	047.2	089.7	006.0000	0087.6	063.7	45.83
206.0	050.0000	0119.1	047.8	089.9	006.0000	0087.9	062.7	46.16
207.0	050.0000	0123.3	048.5	090.0	006.0000	0088.4	061.7	46.52
208.0	050.0000	0125.3	048.7	089.9	006.0000	0088.0	060.8	46.78
209.0	050.0000	0126.8	049.0	089.7	006.0000	0087.7	059.9	47.05
210.0	050.0000	0127.1	049.0	089.3	006.0000	0087.3	059.2	47.28
211.0	050.0000	0126.8	049.0	088.9	006.0000	0086.7	058.5	47.48
212.0	050.0000	0127.0	049.0	088.4	006.0000	0086.2	057.7	47.71
213.0	050.0000	0127.6	049.1	088.0	006.0000	0085.9	057.0	47.95
214.0	050.0000	0128.7	049.2	087.7	006.0000	0085.6	056.2	48.20
215.0	050.0000	0128.7	049.2	087.1	006.0000	0085.1	055.5	48.42
216.0	050.0000	0126.2	048.9	086.3	006.0000	0082.9	055.0	48.40

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
217.0	050.0000	0123.2	048.4	085.4	006.0000	0080.1	054.7	48.31
218.0	050.0000	0120.8	048.1	084.5	006.0000	0077.8	054.3	48.26
219.0	050.0000	0119.5	047.9	083.8	006.0000	0076.4	053.8	48.31
220.0	050.0000	0118.3	047.7	083.0	006.0000	0075.1	053.3	48.35
221.0	050.0000	0116.6	047.5	082.1	006.0000	0073.5	053.0	48.34
222.0	050.0000	0115.2	047.3	081.3	006.0000	0072.3	052.6	48.36
223.0	050.0000	0113.6	047.0	080.4	006.0000	0073.5	052.3	48.58
224.0	050.0000	0111.7	046.7	079.5	006.0000	0074.9	052.0	48.79
225.0	050.0000	0109.8	046.4	078.6	006.0000	0075.8	051.8	48.95
226.0	050.0000	0107.7	046.1	077.6	006.0000	0074.3	051.6	48.87
227.0	050.0000	0105.3	045.7	076.6	006.0000	0070.4	051.6	48.54
228.0	050.0000	0102.7	045.2	075.6	006.0000	0066.4	051.6	48.16
229.0	050.0000	0099.8	044.7	074.6	006.0000	0062.2	051.7	47.73
230.0	050.0000	0096.7	044.2	073.5	006.0000	0059.3	051.8	47.40
231.0	050.0000	0094.9	043.8	072.6	006.0000	0059.9	051.8	47.45
232.0	050.0000	0093.8	043.6	071.7	006.0000	0061.1	051.7	47.60
233.0	050.0000	0093.4	043.6	070.9	006.0000	0063.7	051.5	47.91
234.0	050.0000	0093.1	043.5	070.1	006.0000	0065.7	051.4	48.16
235.0	050.0000	0091.6	043.2	069.2	006.0000	0066.8	051.4	48.24
236.0	050.0000	0088.7	042.7	068.2	006.0000	0070.0	051.8	48.42
237.0	050.0000	0089.7	042.9	067.4	006.0000	0072.6	051.5	48.77
238.0	050.0000	0090.3	043.0	066.6	006.0000	0074.6	051.2	49.04
239.0	050.0000	0086.5	042.3	065.7	006.0000	0073.7	051.8	48.75
240.0	050.0000	0083.8	041.7	064.8	006.0000	0070.9	052.3	48.35
241.0	050.0000	0085.0	041.9	064.0	006.0000	0070.1	052.0	48.36
242.0	050.0000	0086.9	042.3	063.3	006.0000	0070.4	051.6	48.53
243.0	050.0000	0086.4	042.2	062.4	006.0000	0069.8	051.7	48.45
244.0	050.0000	0086.6	042.3	061.6	005.9145	0070.5	051.6	48.46
245.0	050.0000	0089.0	042.7	060.8	005.7192	0072.0	051.2	48.60
246.0	050.0000	0091.6	043.2	059.9	005.4902	0072.3	050.8	48.59
247.0	050.0000	0094.1	043.7	058.9	005.2629	0071.8	050.4	48.49
248.0	050.0000	0096.7	044.2	058.0	005.0388	0073.0	050.1	48.53
249.0	050.0000	0098.6	044.5	057.1	004.8240	0076.0	049.9	48.68
250.0	050.0000	0099.7	044.7	056.1	004.6228	0079.9	049.8	48.87
251.0	050.0000	0100.0	044.8	055.2	004.4387	0083.1	050.0	48.92
252.0	050.0000	0101.5	045.0	054.3	004.2493	0085.8	049.9	48.98
253.0	050.0000	0102.0	045.1	053.4	004.0786	0089.2	050.1	49.03
254.0	050.0000	0101.6	045.0	052.6	003.9282	0089.4	050.4	48.76
255.0	050.0000	0100.8	044.9	051.8	003.7907	0088.4	050.8	48.38
256.0	050.0000	0099.4	044.6	051.1	003.6721	0087.5	051.4	47.97
257.0	050.0000	0098.4	044.5	050.4	003.5554	0087.4	051.9	47.64
258.0	050.0000	0098.6	044.5	049.7	003.4305	0089.2	052.2	47.51
259.0	050.0000	0099.5	044.7	048.8	003.3011	0094.9	052.4	47.70
260.0	050.0000	0100.6	044.9	048.0	003.1747	0097.9	052.7	47.67
261.0	050.0000	0102.1	045.1	047.1	003.0501	0098.8	052.9	47.48
262.0	050.0000	0103.1	045.3	046.3	002.9381	0098.6	053.2	47.19
263.0	050.0000	0103.4	045.3	045.6	002.8430	0097.7	053.6	46.82
264.0	050.0000	0102.7	045.2	045.0	002.7664	0096.3	054.2	46.39
265.0	050.0000	0101.8	045.1	044.4	002.6992	0096.4	054.8	46.05
266.0	050.0000	0100.6	044.9	044.0	002.6408	0097.5	055.5	45.78
267.0	050.0000	0099.4	044.7	043.5	002.5861	0099.6	056.1	45.59

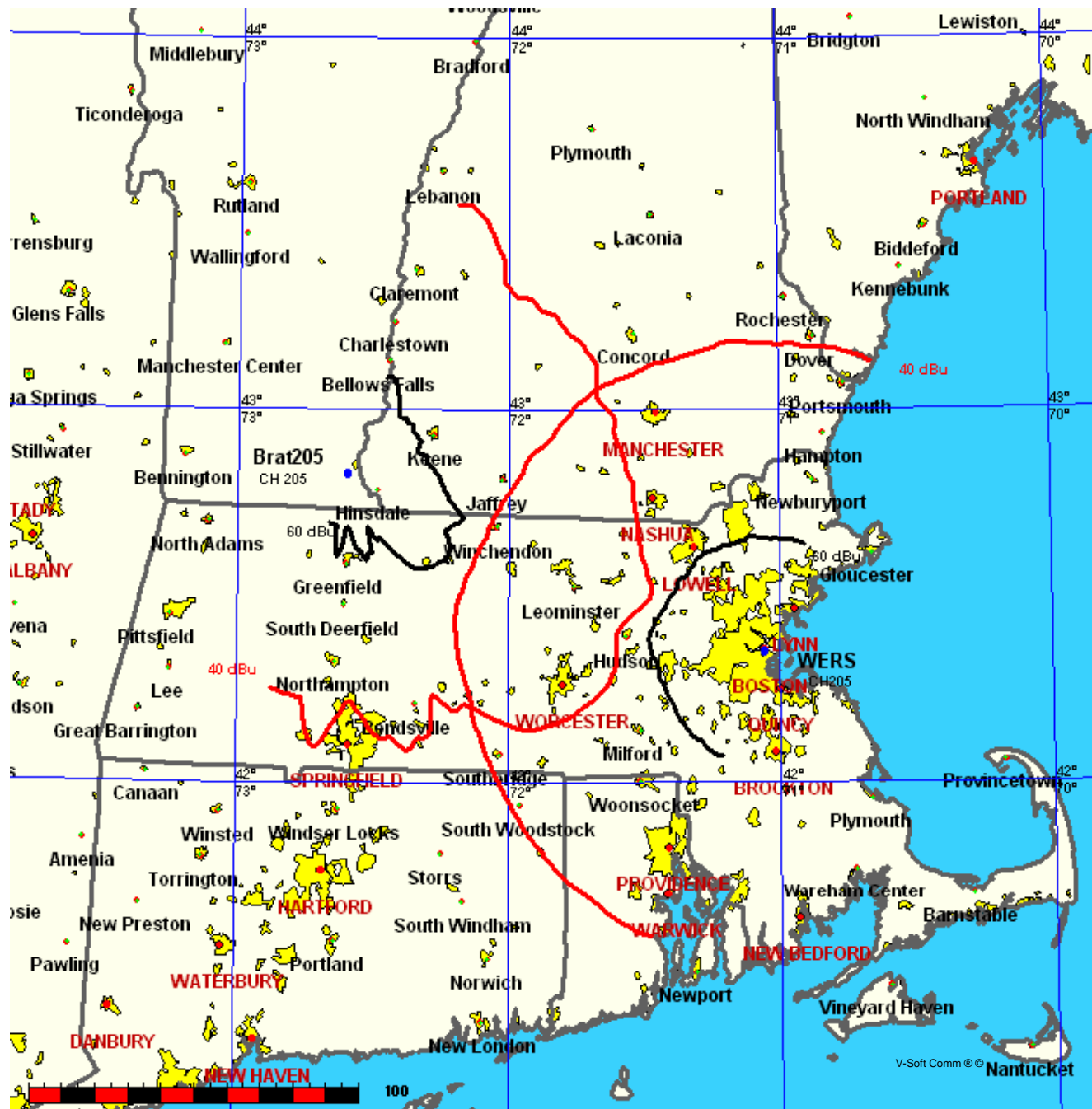
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
268.0	050.0000	0099.0	044.6	043.0	002.5250	0101.9	056.7	45.42
269.0	050.0000	0097.4	044.3	042.6	002.4847	0103.5	057.5	45.18
270.0	050.0000	0095.0	043.9	042.4	002.4599	0104.4	058.3	44.88
271.0	050.0000	0094.1	043.7	042.1	002.4174	0106.3	059.0	44.68
272.0	050.0000	0095.0	043.9	041.5	002.3516	0110.0	059.5	44.62
273.0	050.0000	0096.3	044.1	040.8	002.2867	0113.5	059.9	44.54
274.0	050.0000	0098.2	044.4	040.1	002.2263	0116.6	060.3	44.46
275.0	050.0000	0100.2	044.8	039.4	002.2387	0120.4	060.8	44.55
276.0	050.0000	0101.7	045.1	038.8	002.2599	0125.1	061.3	44.67
277.0	050.0000	0103.2	045.3	038.2	002.2805	0130.2	061.8	44.80
278.0	050.0000	0104.9	045.6	037.6	002.3019	0135.3	062.3	44.94
279.0	050.0000	0106.6	045.9	037.0	002.3222	0141.1	062.9	45.10
280.0	050.0000	0107.0	045.9	036.6	002.3359	0144.2	063.5	45.06
281.0	050.0000	0107.5	046.0	036.2	002.3498	0146.9	064.2	45.01
282.0	050.0000	0109.1	046.3	035.7	002.3679	0150.1	064.8	45.01
283.0	050.0000	0110.3	046.5	035.3	002.3835	0152.0	065.5	44.91
284.0	050.0000	0112.6	046.9	034.7	002.4037	0153.8	066.1	44.84
285.0	050.0000	0114.6	047.2	034.2	002.4214	0155.7	066.8	44.75
286.0	050.0000	0115.8	047.4	033.8	002.4352	0157.1	067.5	44.61
287.0	050.0000	0115.4	047.3	033.7	002.4410	0157.6	068.3	44.38
288.0	050.0000	0114.2	047.1	033.6	002.4429	0157.8	069.1	44.12
289.0	050.0000	0113.8	047.0	033.5	002.4477	0158.4	070.0	43.89
290.0	050.0000	0112.0	046.8	033.5	002.4454	0158.1	070.8	43.59
291.0	050.0000	0109.5	046.4	033.7	002.4398	0157.5	071.7	43.27
292.0	050.0000	0107.4	046.0	033.8	002.4354	0157.1	072.6	42.96
293.0	050.0000	0105.2	045.6	034.0	002.4300	0156.6	073.4	42.66
294.0	050.0000	0103.2	045.3	034.1	002.4251	0156.1	074.3	42.35
295.0	050.0000	0100.2	044.8	034.4	002.4152	0155.1	075.1	42.01
296.0	050.0000	0100.2	044.8	034.3	002.4186	0155.4	075.9	41.79
297.0	050.0000	0103.3	045.3	033.8	002.4360	0157.1	076.6	41.68
298.0	050.0000	0106.4	045.8	033.3	002.4520	0159.0	077.3	41.56
299.0	050.0000	0109.2	046.3	032.9	002.4664	0161.5	078.1	41.46
300.0	050.0000	0110.4	046.5	032.8	002.4728	0162.7	078.9	41.28
301.0	050.0000	0110.9	046.6	032.7	002.4760	0163.3	079.7	41.06
302.0	050.0000	0111.2	046.6	032.6	002.4780	0163.7	080.5	40.82
303.0	050.0000	0109.5	046.4	032.8	002.4717	0162.5	081.3	40.51

Vermont Public Radio
Brattleboro 205 v WERS

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

WERS CH 205 B1 BLED19900706KB
4.0 kW, 203 M COR
Prot. = 60 dBu
Intef. = 40 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WERS

BLED19900706KB

Channel = 205B1

Max ERP = 4 kW

RCAMSL = 203 M

N. Lat. 42 21 08.0

W. Lng. 71 03 25.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
052.0	003.8215	0088.7	024.2	302.8	004.0000	0166.6	127.0	31.57
053.0	004.0016	0089.3	024.5	302.9	004.0000	0166.5	126.4	31.67
054.0	004.1902	0087.2	024.5	302.8	004.0000	0166.6	126.0	31.75
055.0	004.3877	0083.8	024.3	302.7	004.0000	0166.8	125.7	31.81
056.0	004.5945	0080.4	024.0	302.5	004.0000	0166.9	125.4	31.87
057.0	004.8110	0076.2	023.7	302.3	004.0000	0166.9	125.2	31.92
058.0	005.0377	0073.0	023.5	302.1	004.0000	0166.9	124.9	31.97
059.0	005.2751	0071.8	023.6	302.0	004.0000	0166.8	124.5	32.04
060.0	005.5237	0072.4	023.9	302.1	004.0000	0166.9	124.0	32.15
061.0	005.7841	0071.7	024.0	302.0	004.0000	0166.8	123.6	32.23
062.0	006.0000	0070.0	024.0	301.9	004.0000	0166.8	123.2	32.29
063.0	006.0000	0070.3	024.0	301.8	004.0000	0166.8	122.9	32.36
064.0	006.0000	0070.1	024.0	301.7	004.0000	0166.8	122.5	32.43
065.0	006.0000	0071.4	024.2	301.7	004.0000	0166.8	122.1	32.52
066.0	006.0000	0074.4	024.6	301.7	004.0000	0166.8	121.5	32.63
067.0	006.0000	0073.9	024.6	301.6	004.0000	0166.8	121.2	32.69
068.0	006.0000	0070.8	024.1	301.3	004.0000	0167.0	121.1	32.71
069.0	006.0000	0067.3	023.6	301.0	004.0000	0167.4	121.1	32.72
070.0	006.0000	0065.8	023.3	300.8	004.0000	0167.7	120.9	32.76
071.0	006.0000	0063.4	023.0	300.5	004.0000	0168.0	120.9	32.78
072.0	006.0000	0060.6	022.5	300.2	004.0000	0168.4	120.9	32.80
073.0	006.0000	0059.5	022.4	300.1	004.0000	0168.6	120.7	32.83
074.0	006.0000	0060.0	022.5	300.0	004.0000	0168.8	120.4	32.90
075.0	006.0000	0064.1	023.1	300.0	004.0000	0168.7	119.6	33.04
076.0	006.0000	0067.9	023.7	300.1	004.0000	0168.6	118.9	33.18
077.0	006.0000	0071.9	024.3	300.1	004.0000	0168.5	118.2	33.32
078.0	006.0000	0075.3	024.8	300.1	004.0000	0168.5	117.6	33.45
079.0	006.0000	0075.6	024.8	300.0	004.0000	0168.7	117.2	33.51
080.0	006.0000	0074.2	024.6	299.8	004.0000	0169.0	117.1	33.54
081.0	006.0000	0072.4	024.3	299.5	004.0000	0169.2	117.1	33.56
082.0	006.0000	0073.3	024.5	299.4	004.0000	0169.3	116.7	33.63
083.0	006.0000	0075.2	024.8	299.3	004.0000	0169.4	116.2	33.73
084.0	006.0000	0076.8	025.0	299.2	004.0000	0169.4	115.8	33.82
085.0	006.0000	0079.1	025.3	299.1	004.0000	0169.5	115.3	33.92
086.0	006.0000	0082.1	025.8	299.0	004.0000	0169.6	114.7	34.05
087.0	006.0000	0084.9	026.2	298.9	004.0000	0169.6	114.1	34.17
088.0	006.0000	0085.9	026.3	298.8	004.0000	0169.8	113.7	34.24

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
089.0	006.0000	0086.9	026.5	298.6	004.0000	0169.9	113.4	34.31
090.0	006.0000	0088.3	026.7	298.4	004.0000	0170.0	113.0	34.39
091.0	006.0000	0092.8	027.3	298.4	004.0000	0170.0	112.2	34.55
092.0	006.0000	0098.1	028.0	298.3	004.0000	0170.0	111.3	34.73
093.0	006.0000	0099.8	028.3	298.1	004.0000	0170.0	110.9	34.81
094.0	006.0000	0099.6	028.2	297.9	004.0000	0170.1	110.8	34.85
095.0	006.0000	0101.5	028.5	297.7	004.0000	0170.2	110.3	34.94
096.0	006.0000	0103.7	028.8	297.5	004.0000	0170.2	109.9	35.04
097.0	006.0000	0105.9	029.1	297.3	004.0000	0170.2	109.4	35.14
098.0	006.0000	0108.8	029.4	297.1	004.0000	0170.2	108.9	35.25
099.0	006.0000	0111.7	029.8	296.9	004.0000	0170.2	108.4	35.36
100.0	006.0000	0115.5	030.2	296.7	004.0000	0170.3	107.9	35.49
101.0	006.0000	0118.7	030.6	296.5	004.0000	0170.4	107.4	35.60
102.0	006.0000	0120.5	030.8	296.2	004.0000	0170.5	107.1	35.68
103.0	006.0000	0124.5	031.2	296.0	004.0000	0170.6	106.5	35.80
104.0	006.0000	0129.4	031.7	295.8	004.0000	0170.6	105.9	35.95
105.0	006.0000	0134.3	032.3	295.5	004.0000	0170.6	105.3	36.11
106.0	006.0000	0140.9	033.0	295.3	004.0000	0170.7	104.4	36.31
107.0	006.0000	0149.9	034.1	295.0	004.0000	0170.8	103.3	36.58
108.0	006.0000	0157.4	034.9	294.8	004.0000	0170.9	102.4	36.81
109.0	006.0000	0166.9	035.9	294.5	004.0000	0171.0	101.4	37.09
110.0	006.0000	0176.5	036.9	294.1	004.0000	0171.1	100.4	37.35
111.0	006.0000	0184.5	037.6	293.8	004.0000	0171.2	099.7	37.55
112.0	006.0000	0185.7	037.7	293.4	004.0000	0171.2	099.5	37.58
113.0	006.0000	0183.2	037.5	293.0	004.0000	0171.2	099.8	37.52
114.0	006.0000	0176.3	036.9	292.7	004.0000	0171.2	100.4	37.36
115.0	006.0000	0168.6	036.1	292.3	004.0000	0171.4	101.2	37.16
116.0	006.0000	0162.6	035.5	292.0	004.0000	0171.5	101.8	36.99
117.0	006.0000	0160.1	035.2	291.7	004.0000	0172.0	102.2	36.92
118.0	006.0000	0158.8	035.1	291.3	004.0000	0172.6	102.4	36.88
119.0	006.0000	0154.0	034.5	291.0	004.0000	0173.2	103.0	36.75
120.0	006.0000	0151.1	034.2	290.7	004.0000	0173.9	103.4	36.67
121.0	006.0000	0154.8	034.6	290.4	004.0000	0174.4	103.1	36.76
122.0	006.0000	0162.7	035.5	289.9	004.0000	0174.9	102.4	36.96
123.0	006.0000	0171.1	036.4	289.5	004.0000	0175.3	101.7	37.15
124.0	006.0000	0178.9	037.1	289.0	004.0000	0175.9	101.2	37.31
125.0	006.0000	0187.0	037.8	288.6	004.0000	0176.8	100.7	37.46
126.0	006.0000	0193.0	038.3	288.1	004.0000	0177.6	100.4	37.56
127.0	006.0000	0197.4	038.6	287.7	004.0000	0178.3	100.3	37.61
128.0	006.0000	0201.5	038.9	287.2	004.0000	0178.9	100.3	37.65
129.0	006.0000	0203.8	039.1	286.8	004.0000	0179.1	100.4	37.63
130.0	006.0000	0205.0	039.2	286.5	004.0000	0179.3	100.6	37.59
131.0	006.0000	0203.9	039.1	286.1	004.0000	0179.7	100.9	37.50
132.0	006.0000	0202.0	039.0	285.8	004.0000	0180.3	101.4	37.41
133.0	006.0000	0199.4	038.8	285.5	004.0000	0181.0	101.9	37.30
134.0	006.0000	0195.6	038.5	285.3	004.0000	0181.8	102.5	37.17
135.0	006.0000	0192.7	038.2	285.0	004.0000	0182.7	103.0	37.06
136.0	006.0000	0191.8	038.2	284.7	004.0000	0183.8	103.4	36.99
137.0	006.0000	0189.9	038.0	284.5	004.0000	0184.7	103.9	36.89
138.0	006.0000	0185.7	037.7	284.3	004.0000	0185.3	104.5	36.75
139.0	006.0000	0181.7	037.3	284.1	004.0000	0185.7	105.2	36.60

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
140.0	006.0000	0177.4	037.0	283.9	004.0000	0186.1	105.9	36.44
141.0	006.0000	0172.5	036.5	283.8	004.0000	0186.3	106.6	36.26
142.0	006.0000	0167.8	036.0	283.7	004.0000	0186.5	107.4	36.08
143.0	006.0000	0162.7	035.5	283.6	004.0000	0186.6	108.2	35.89
144.0	006.0000	0157.1	034.9	283.6	004.0000	0186.6	109.1	35.70
145.0	006.0000	0149.3	034.0	283.7	004.0000	0186.5	110.1	35.46
146.0	006.0000	0135.6	032.4	284.0	004.0000	0185.9	111.7	35.11
147.0	006.0000	0119.5	030.7	284.4	004.0000	0184.9	113.3	34.74
148.0	006.0000	0107.9	029.3	284.7	004.0000	0184.0	114.7	34.44
149.0	006.0000	0095.8	027.7	285.1	004.0000	0182.5	116.1	34.11
150.0	006.0000	0081.7	025.7	285.6	004.0000	0180.8	117.9	33.71
151.0	006.0000	0069.3	023.9	286.1	004.0000	0179.8	119.5	33.37
152.0	006.0000	0060.5	022.5	286.4	004.0000	0179.3	120.7	33.12
153.0	006.0000	0054.5	021.5	286.7	004.0000	0179.2	121.7	32.92
154.0	006.0000	0054.9	021.6	286.5	004.0000	0179.3	121.9	32.87
155.0	006.0000	0057.9	022.1	286.2	004.0000	0179.6	121.8	32.90
156.0	006.0000	0054.5	021.5	286.3	004.0000	0179.4	122.5	32.76
157.0	006.0000	0045.8	019.7	286.9	004.0000	0179.1	124.0	32.47
158.0	006.0000	0038.0	017.8	287.5	004.0000	0178.6	125.4	32.18
159.0	006.0000	0035.0	017.0	287.6	004.0000	0178.3	126.1	32.03
160.0	006.0000	0039.7	018.2	287.1	004.0000	0178.9	125.6	32.14
161.0	006.0000	0050.2	020.6	286.1	004.0000	0179.7	124.5	32.37
162.0	006.0000	0067.1	023.5	284.9	004.0000	0183.2	123.2	32.71
163.0	006.0000	0076.4	024.9	284.2	004.0000	0185.4	122.9	32.83
164.0	006.0000	0076.2	024.9	284.1	004.0000	0185.6	123.3	32.76
165.0	006.0000	0073.2	024.5	284.2	004.0000	0185.4	123.9	32.63
166.0	006.0000	0079.3	025.4	283.8	004.0000	0186.3	123.8	32.66
167.0	006.0000	0087.5	026.6	283.2	004.0000	0187.2	123.7	32.70
168.0	006.0000	0089.4	026.8	283.0	004.0000	0187.6	124.0	32.65
169.0	006.0000	0078.7	025.3	283.5	004.0000	0186.7	125.1	32.43
170.0	006.0000	0068.5	023.7	284.1	004.0000	0185.7	126.1	32.21
171.0	006.0000	0064.1	023.1	284.3	004.0000	0185.1	126.7	32.07
172.0	006.0000	0064.7	023.2	284.2	004.0000	0185.4	127.1	32.01

10-14-2007 USGS 03 SEC Terrain Data

WERS BLED19900706KB
 Channel = 205B1
 Max ERP = 4 kW
 RCAMSL = 203 M
 N. Lat. 42 21 08.0
 W. Lng. 71 03 25.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
233.0	004.0000	0168.5	032.8	125.6	006.0000	0190.7	124.0	34.50
234.0	004.0000	0166.9	032.6	125.4	006.0000	0189.7	123.5	34.57
235.0	004.0000	0164.8	032.4	125.2	006.0000	0188.5	123.0	34.63
236.0	004.0000	0164.3	032.3	125.1	006.0000	0187.8	122.5	34.72
237.0	004.0000	0163.7	032.3	125.0	006.0000	0187.0	122.0	34.80
238.0	004.0000	0163.4	032.2	124.9	006.0000	0186.2	121.5	34.88
239.0	004.0000	0162.6	032.2	124.8	006.0000	0185.3	121.0	34.96
240.0	004.0000	0162.1	032.1	124.6	006.0000	0184.4	120.5	35.04
241.0	004.0000	0162.0	032.1	124.5	006.0000	0183.5	120.0	35.11
242.0	004.0000	0161.5	032.0	124.4	006.0000	0182.3	119.5	35.18
243.0	004.0000	0160.9	032.0	124.2	006.0000	0180.9	119.1	35.24
244.0	004.0000	0161.0	032.0	124.1	006.0000	0179.7	118.6	35.31
245.0	004.0000	0162.1	032.1	124.0	006.0000	0178.9	118.0	35.39
246.0	004.0000	0162.4	032.1	123.9	006.0000	0177.7	117.5	35.46
247.0	004.0000	0163.0	032.2	123.8	006.0000	0176.7	117.0	35.54
248.0	004.0000	0163.0	032.2	123.6	006.0000	0175.5	116.5	35.60
249.0	004.0000	0163.5	032.3	123.5	006.0000	0174.5	116.0	35.67
250.0	004.0000	0164.5	032.4	123.4	006.0000	0173.5	115.5	35.75
251.0	004.0000	0165.0	032.4	123.2	006.0000	0172.5	115.0	35.82
252.0	004.0000	0165.1	032.4	123.0	006.0000	0171.4	114.6	35.87
253.0	004.0000	0164.9	032.4	122.9	006.0000	0169.9	114.2	35.92
254.0	004.0000	0164.9	032.4	122.7	006.0000	0168.3	113.7	35.96
255.0	004.0000	0166.7	032.6	122.6	006.0000	0167.3	113.2	36.04
256.0	004.0000	0169.2	032.8	122.5	006.0000	0166.4	112.6	36.13
257.0	004.0000	0170.0	032.9	122.3	006.0000	0165.0	112.1	36.18
258.0	004.0000	0168.5	032.8	122.0	006.0000	0162.8	111.8	36.17
259.0	004.0000	0166.2	032.5	121.7	006.0000	0160.3	111.6	36.14
260.0	004.0000	0165.2	032.4	121.5	006.0000	0158.5	111.3	36.15
261.0	004.0000	0165.5	032.5	121.3	006.0000	0156.9	110.9	36.18
262.0	004.0000	0167.8	032.7	121.1	006.0000	0155.7	110.3	36.25
263.0	004.0000	0170.0	032.9	121.0	006.0000	0154.6	109.8	36.33
264.0	004.0000	0172.1	033.1	120.8	006.0000	0153.4	109.3	36.40
265.0	004.0000	0174.2	033.3	120.6	006.0000	0152.3	108.7	36.47
266.0	004.0000	0176.2	033.5	120.4	006.0000	0151.6	108.2	36.56

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
267.0	004.0000	0179.7	033.8	120.3	006.0000	0151.3	107.6	36.68
268.0	004.0000	0184.7	034.3	120.1	006.0000	0151.1	107.0	36.83
269.0	004.0000	0187.0	034.5	119.9	006.0000	0151.1	106.5	36.94
270.0	004.0000	0188.2	034.6	119.7	006.0000	0151.7	106.1	37.04
271.0	004.0000	0189.5	034.7	119.4	006.0000	0152.6	105.7	37.17
272.0	004.0000	0191.0	034.8	119.1	006.0000	0153.4	105.3	37.29
273.0	004.0000	0192.4	034.9	118.9	006.0000	0154.6	104.9	37.42
274.0	004.0000	0194.4	035.1	118.6	006.0000	0156.0	104.5	37.57
275.0	004.0000	0195.9	035.2	118.3	006.0000	0157.4	104.1	37.70
276.0	004.0000	0196.7	035.3	118.0	006.0000	0158.6	103.8	37.82
277.0	004.0000	0197.0	035.3	117.7	006.0000	0159.7	103.5	37.92
278.0	004.0000	0196.6	035.3	117.4	006.0000	0160.2	103.4	37.98
279.0	004.0000	0195.1	035.1	117.1	006.0000	0160.1	103.3	38.00
280.0	004.0000	0193.0	035.0	116.7	006.0000	0160.8	103.2	38.03
281.0	004.0000	0190.7	034.8	116.4	006.0000	0161.7	103.2	38.06
282.0	004.0000	0189.0	034.6	116.0	006.0000	0162.5	103.2	38.09
283.0	004.0000	0187.5	034.5	115.7	006.0000	0164.5	103.2	38.16
284.0	004.0000	0185.9	034.4	115.3	006.0000	0166.7	103.2	38.24
285.0	004.0000	0182.8	034.1	115.0	006.0000	0168.8	103.3	38.28
286.0	004.0000	0179.9	033.9	114.6	006.0000	0171.2	103.5	38.32
287.0	004.0000	0179.0	033.8	114.3	006.0000	0173.9	103.5	38.41
288.0	004.0000	0177.7	033.7	114.0	006.0000	0176.6	103.5	38.49
289.0	004.0000	0175.9	033.5	113.6	006.0000	0179.2	103.6	38.55
290.0	004.0000	0174.8	033.4	113.3	006.0000	0181.4	103.7	38.60
291.0	004.0000	0173.3	033.2	113.0	006.0000	0183.3	103.8	38.64
292.0	004.0000	0171.5	033.1	112.6	006.0000	0184.7	103.9	38.64
293.0	004.0000	0171.2	033.0	112.3	006.0000	0185.4	104.0	38.66
294.0	004.0000	0171.1	033.0	112.0	006.0000	0185.7	104.0	38.66
295.0	004.0000	0170.8	033.0	111.7	006.0000	0185.8	104.0	38.65
296.0	004.0000	0170.6	033.0	111.4	006.0000	0185.4	104.1	38.63
297.0	004.0000	0170.2	032.9	111.1	006.0000	0184.7	104.2	38.58
298.0	004.0000	0170.1	032.9	110.7	006.0000	0183.2	104.2	38.52
299.0	004.0000	0169.6	032.9	110.4	006.0000	0180.7	104.4	38.41
300.0	004.0000	0168.7	032.8	110.1	006.0000	0177.8	104.5	38.28
301.0	004.0000	0167.3	032.7	109.8	006.0000	0175.0	104.8	38.13
302.0	004.0000	0166.8	032.6	109.5	006.0000	0172.2	104.9	38.00
303.0	004.0000	0166.4	032.6	109.2	006.0000	0169.3	105.1	37.87
304.0	004.0000	0165.3	032.4	109.0	006.0000	0166.5	105.3	37.71
305.0	004.0000	0166.3	032.5	108.6	006.0000	0163.2	105.4	37.60
306.0	004.0000	0168.7	032.8	108.3	006.0000	0160.0	105.3	37.50
307.0	004.0000	0171.6	033.1	108.0	006.0000	0157.0	105.2	37.43
308.0	004.0000	0174.7	033.4	107.6	006.0000	0154.4	105.1	37.36
309.0	004.0000	0175.9	033.5	107.3	006.0000	0152.1	105.2	37.26
310.0	004.0000	0176.3	033.5	107.0	006.0000	0149.7	105.4	37.14
311.0	004.0000	0174.8	033.4	106.7	006.0000	0147.4	105.7	36.97
312.0	004.0000	0170.6	033.0	106.5	006.0000	0145.7	106.3	36.78
313.0	004.0000	0167.4	032.7	106.3	006.0000	0143.8	106.9	36.59
314.0	004.0000	0166.6	032.6	106.1	006.0000	0141.4	107.2	36.44
315.0	004.0000	0168.5	032.8	105.7	006.0000	0138.9	107.3	36.33
316.0	004.0000	0172.0	033.1	105.4	006.0000	0136.7	107.3	36.26
317.0	004.0000	0174.2	033.3	105.1	006.0000	0134.6	107.4	36.17

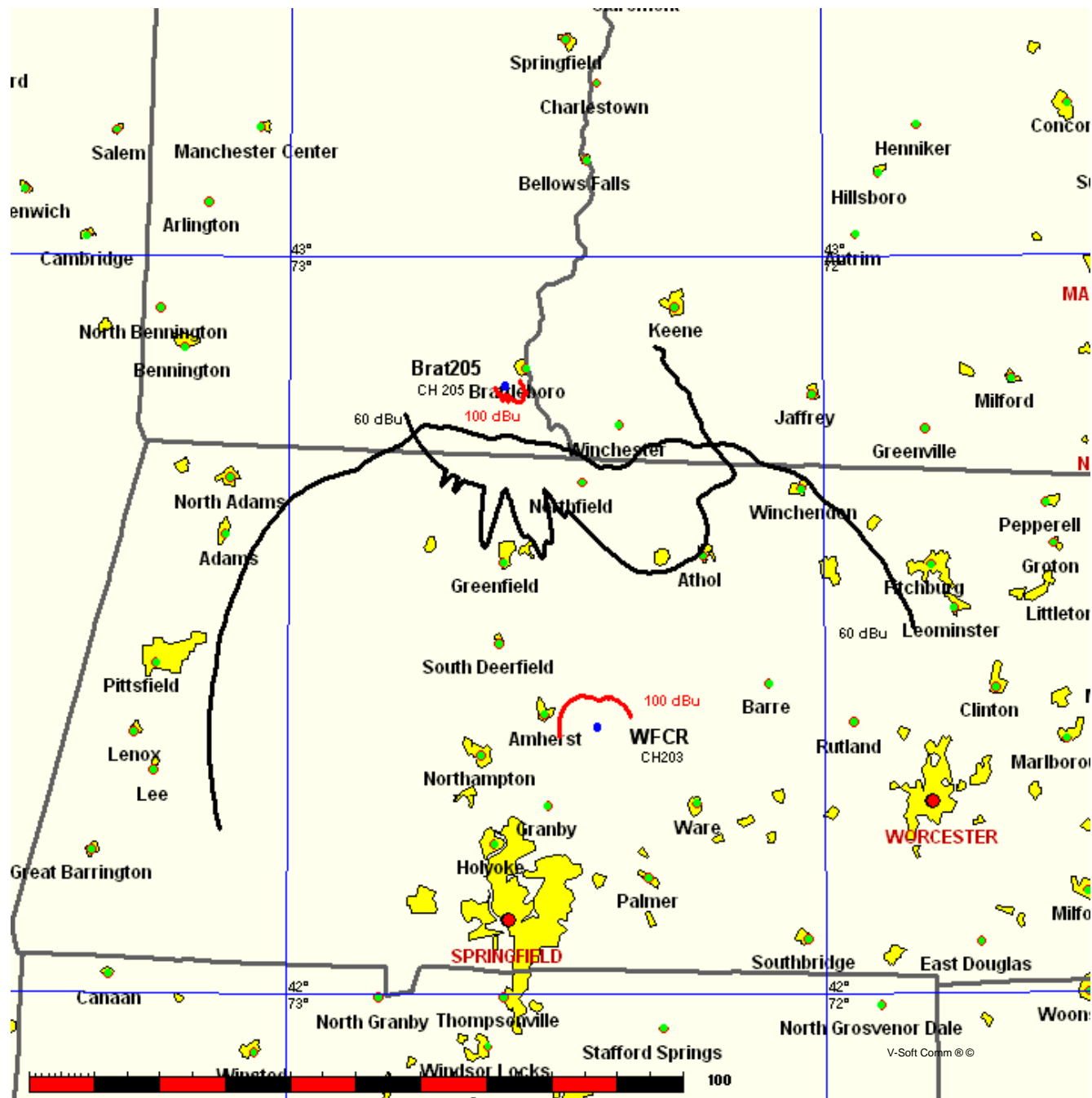
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
318.0	004.0000	0174.8	033.4	104.8	006.0000	0133.2	107.7	36.06
319.0	004.0000	0174.7	033.4	104.5	006.0000	0132.1	108.0	35.95
320.0	004.0000	0177.3	033.6	104.2	006.0000	0130.5	108.1	35.87
321.0	004.0000	0182.2	034.1	103.8	006.0000	0128.1	108.1	35.79
322.0	004.0000	0185.1	034.3	103.5	006.0000	0126.3	108.3	35.70
323.0	004.0000	0185.8	034.4	103.2	006.0000	0125.3	108.6	35.59
324.0	004.0000	0186.0	034.4	102.9	006.0000	0124.3	109.0	35.49
325.0	004.0000	0185.1	034.3	102.7	006.0000	0123.5	109.4	35.37
326.0	004.0000	0188.0	034.5	102.4	006.0000	0122.3	109.6	35.28
327.0	004.0000	0188.6	034.6	102.2	006.0000	0121.1	110.0	35.17
328.0	004.0000	0188.1	034.6	102.0	006.0000	0120.3	110.5	35.05
329.0	004.0000	0186.1	034.4	101.8	006.0000	0119.9	111.0	34.93
330.0	004.0000	0184.7	034.3	101.6	006.0000	0119.6	111.5	34.82
331.0	004.0000	0183.4	034.2	101.5	006.0000	0119.2	112.0	34.71
332.0	004.0000	0181.7	034.0	101.3	006.0000	0119.0	112.6	34.60
333.0	004.0000	0179.9	033.9	101.2	006.0000	0118.9	113.2	34.49
334.0	004.0000	0178.4	033.7	101.1	006.0000	0118.8	113.7	34.39
335.0	004.0000	0178.0	033.7	100.9	006.0000	0118.6	114.2	34.29
336.0	004.0000	0178.3	033.7	100.7	006.0000	0118.1	114.6	34.19
337.0	004.0000	0179.7	033.8	100.5	006.0000	0117.5	115.1	34.10
338.0	004.0000	0180.4	033.9	100.3	006.0000	0116.8	115.5	34.00
339.0	004.0000	0179.2	033.8	100.2	006.0000	0116.4	116.1	33.88
340.0	004.0000	0177.2	033.6	100.1	006.0000	0116.1	116.7	33.77
341.0	004.0000	0175.4	033.4	100.0	006.0000	0115.7	117.3	33.65
342.0	004.0000	0174.4	033.3	099.9	006.0000	0115.3	117.8	33.54
343.0	004.0000	0174.3	033.3	099.8	006.0000	0114.7	118.3	33.43
344.0	004.0000	0174.9	033.4	099.7	006.0000	0114.1	118.8	33.33
345.0	004.0000	0175.7	033.5	099.5	006.0000	0113.5	119.3	33.22
346.0	004.0000	0175.8	033.5	099.4	006.0000	0113.1	119.8	33.12
347.0	004.0000	0177.7	033.7	099.2	006.0000	0112.4	120.3	33.02
348.0	004.0000	0178.2	033.7	099.1	006.0000	0111.9	120.8	32.91
349.0	004.0000	0179.2	033.8	098.9	006.0000	0111.4	121.3	32.81
350.0	004.0000	0180.6	033.9	098.8	006.0000	0110.8	121.9	32.70
351.0	004.0000	0183.7	034.2	098.6	006.0000	0110.2	122.3	32.60
352.0	004.0000	0187.7	034.5	098.3	006.0000	0109.5	122.8	32.50
353.0	004.0000	0188.2	034.6	098.2	006.0000	0109.3	123.4	32.39

Vermont Public Radio
Brattleboro 205 v WFCR

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

WFCR CH 203 B BLED19970605KB
13.0 kW, 478 M COR
Prot. = 60 dBu
Intef. = 100 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WFCR

BLED19970605KB

Channel = 203B

Max ERP = 13 kW

RCAMSL = 478 M

N. Lat. 42 21 49.0

W. Lng. 72 25 24.0

Interfering

100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
105.0	006.0000	0134.3	032.3	021.2	013.0000	0203.2	046.5	61.81
106.0	006.0000	0140.9	033.0	022.1	013.0000	0208.9	046.0	62.28
107.0	006.0000	0149.9	034.1	023.5	013.0000	0216.9	045.5	62.85
108.0	006.0000	0157.4	034.9	024.6	013.0000	0221.4	045.0	63.26
109.0	006.0000	0166.9	035.9	026.0	013.0000	0226.2	044.6	63.68
110.0	006.0000	0176.5	036.9	027.3	013.0000	0227.4	044.0	63.95
111.0	006.0000	0184.5	037.6	028.3	013.0000	0227.1	043.5	64.18
112.0	006.0000	0185.7	037.7	028.6	013.0000	0227.0	042.8	64.45
113.0	006.0000	0183.2	037.5	028.4	013.0000	0227.1	042.2	64.76
114.0	006.0000	0176.3	036.9	027.6	013.0000	0227.1	041.5	65.07
115.0	006.0000	0168.6	036.1	026.6	013.0000	0227.7	040.8	65.40
116.0	006.0000	0162.6	035.5	025.8	013.0000	0225.5	040.2	65.60
117.0	006.0000	0160.1	035.2	025.4	013.0000	0224.7	039.6	65.84
118.0	006.0000	0158.8	035.1	025.1	013.0000	0223.7	038.9	66.08
119.0	006.0000	0154.0	034.5	024.3	013.0000	0220.3	038.4	66.21
120.0	006.0000	0151.1	034.2	023.7	013.0000	0218.1	037.8	66.38
121.0	006.0000	0154.8	034.6	024.3	013.0000	0220.2	037.2	66.78
122.0	006.0000	0162.7	035.5	025.5	013.0000	0225.0	036.5	67.32
123.0	006.0000	0171.1	036.4	026.7	013.0000	0227.8	035.7	67.79
124.0	006.0000	0178.9	037.1	027.8	013.0000	0227.0	035.0	68.11
125.0	006.0000	0187.0	037.8	028.8	013.0000	0226.9	034.3	68.46
126.0	006.0000	0193.0	038.3	029.5	013.0000	0226.1	033.6	68.79
127.0	006.0000	0197.4	038.6	030.0	013.0000	0225.5	032.9	69.12
128.0	006.0000	0201.5	038.9	030.4	013.0000	0224.8	032.2	69.45
129.0	006.0000	0203.8	039.1	030.5	013.0000	0224.6	031.5	69.81
130.0	006.0000	0205.0	039.2	030.5	013.0000	0224.7	030.8	70.19
131.0	006.0000	0203.9	039.1	030.1	013.0000	0225.1	030.1	70.59
132.0	006.0000	0202.0	039.0	029.6	013.0000	0226.1	029.5	71.00
133.0	006.0000	0199.4	038.8	028.9	013.0000	0226.7	028.9	71.40
134.0	006.0000	0195.6	038.5	028.0	013.0000	0227.0	028.3	71.77
135.0	006.0000	0192.7	038.2	027.1	013.0000	0227.6	027.7	72.15
136.0	006.0000	0191.8	038.2	026.5	013.0000	0227.7	027.1	72.56
137.0	006.0000	0189.9	038.0	025.8	013.0000	0225.5	026.5	72.86
138.0	006.0000	0185.7	037.7	024.5	013.0000	0221.1	026.1	73.02
139.0	006.0000	0181.7	037.3	023.3	013.0000	0215.6	025.6	73.13
140.0	006.0000	0177.4	037.0	021.8	013.0000	0206.6	025.2	73.05
141.0	006.0000	0172.5	036.5	020.2	013.0000	0199.4	024.9	72.98

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
142.0	006.0000	0167.8	036.0	018.5	013.0000	0195.9	024.6	73.04
143.0	006.0000	0162.7	035.5	016.6	013.0000	0196.8	024.4	73.22
144.0	006.0000	0157.1	034.9	014.6	013.0000	0193.9	024.3	73.17
145.0	006.0000	0149.3	034.0	012.1	013.0000	0180.3	024.4	72.48
146.0	006.0000	0135.6	032.4	008.7	013.0000	0163.6	025.1	71.11
147.0	006.0000	0119.5	030.7	005.2	013.0000	0141.1	026.1	69.03
148.0	006.0000	0107.9	029.3	002.5	013.0000	0142.2	026.8	68.57
149.0	006.0000	0095.8	027.7	359.9	013.0000	0142.2	027.9	67.88
150.0	006.0000	0081.7	025.7	357.1	013.0000	0151.8	029.4	67.54
151.0	006.0000	0069.3	023.9	354.9	013.0000	0160.5	030.9	67.20
152.0	006.0000	0060.5	022.5	353.3	013.0000	0165.1	032.0	66.85
153.0	006.0000	0054.5	021.5	352.0	013.0000	0169.6	032.9	66.65
154.0	006.0000	0054.9	021.6	351.5	013.0000	0172.7	032.7	66.90
155.0	006.0000	0057.9	022.1	351.1	013.0000	0174.6	032.0	67.33
156.0	006.0000	0054.5	021.5	350.2	013.0000	0177.9	032.5	67.22
157.0	006.0000	0045.8	019.7	348.9	013.0000	0179.5	034.2	66.40
158.0	006.0000	0038.0	017.8	347.8	013.0000	0183.0	036.0	65.65
159.0	006.0000	0035.0	017.0	347.1	013.0000	0185.0	036.7	65.39
160.0	006.0000	0039.7	018.2	346.9	013.0000	0185.8	035.5	66.03
161.0	006.0000	0050.2	020.6	346.8	013.0000	0186.3	033.1	67.32
162.0	006.0000	0067.1	023.5	346.5	013.0000	0187.4	030.1	69.00
163.0	006.0000	0076.4	024.9	345.9	013.0000	0190.1	028.7	69.98
164.0	006.0000	0076.2	024.9	345.0	013.0000	0195.0	028.7	70.19
165.0	006.0000	0073.2	024.5	344.2	013.0000	0202.8	029.2	70.24
166.0	006.0000	0079.3	025.4	343.2	013.0000	0208.7	028.3	71.04
167.0	006.0000	0087.5	026.6	342.1	013.0000	0213.8	027.1	72.01
168.0	006.0000	0089.4	026.8	341.1	013.0000	0213.3	026.9	72.14
169.0	006.0000	0078.7	025.3	340.6	013.0000	0213.1	028.5	71.09
170.0	006.0000	0068.5	023.7	340.3	013.0000	0213.2	030.1	70.13
171.0	006.0000	0064.1	023.1	339.7	013.0000	0214.1	030.8	69.75
172.0	006.0000	0064.7	023.2	339.0	013.0000	0219.0	030.8	69.95
173.0	006.0000	0064.2	023.1	338.3	013.0000	0225.5	031.0	70.12
174.0	006.0000	0058.9	022.3	338.0	013.0000	0228.4	031.9	69.74
175.0	006.0000	0052.2	021.0	338.0	013.0000	0228.5	033.2	69.08
176.0	006.0000	0043.6	019.1	338.4	013.0000	0224.5	035.1	67.97
177.0	006.0000	0037.6	017.7	338.6	013.0000	0222.2	036.6	67.15
178.0	006.0000	0034.8	017.0	338.5	013.0000	0223.0	037.3	66.82
179.0	006.0000	0030.1	015.8	338.7	013.0000	0221.0	038.6	66.15
180.0	006.0000	0029.4	015.8	338.4	013.0000	0224.5	038.7	66.24
181.0	006.0000	0032.6	016.4	337.6	013.0000	0232.0	038.2	66.79
182.0	006.0000	0038.4	017.9	336.3	013.0000	0243.8	037.0	67.80
183.0	006.0000	0042.3	018.8	335.1	013.0000	0254.8	036.3	68.50
184.0	006.0000	0047.5	020.0	333.7	013.0000	0268.7	035.4	69.37
185.0	006.0000	0056.5	021.9	331.6	013.0000	0283.1	034.0	70.48
186.0	006.0000	0068.6	023.8	329.2	013.0000	0305.2	032.7	71.79
187.0	006.0000	0074.7	024.7	327.6	013.0000	0297.4	032.2	71.80
188.0	006.0000	0074.2	024.6	327.1	013.0000	0295.9	032.6	71.58
189.0	006.0000	0064.1	023.1	328.3	013.0000	0301.9	034.0	71.06
190.0	006.0000	0051.6	020.9	330.1	013.0000	0300.5	035.9	70.10
191.0	006.0000	0039.0	018.0	332.5	013.0000	0278.4	038.3	68.28
192.0	006.0000	0023.3	015.8	334.3	013.0000	0262.8	040.3	66.88

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
193.0	006.0000	0012.9	015.8	334.0	013.0000	0266.5	040.5	66.93
194.0	006.0000	0006.8	015.8	333.7	013.0000	0269.6	040.7	66.95
195.0	006.0000	0001.8	015.8	333.4	013.0000	0272.3	040.9	66.95
196.0	006.0000	0001.7	015.8	333.1	013.0000	0274.9	041.0	66.95
197.0	006.0000	-0002.6	015.8	332.8	013.0000	0277.0	041.2	66.94
198.0	006.0000	-0004.8	015.8	332.5	013.0000	0278.3	041.4	66.89
199.0	006.0000	-0004.7	015.8	332.3	013.0000	0279.5	041.6	66.84
200.0	006.0000	-0000.3	015.8	332.0	013.0000	0280.6	041.8	66.79
201.0	006.0000	0005.1	015.8	331.8	013.0000	0282.2	042.0	66.74
202.0	006.0000	0013.0	015.8	331.6	013.0000	0283.7	042.2	66.70
203.0	006.0000	0022.6	015.8	331.3	013.0000	0285.8	042.5	66.67
204.0	006.0000	0032.5	016.4	330.4	013.0000	0297.9	042.3	67.11
205.0	006.0000	0039.0	018.0	328.3	013.0000	0302.0	041.6	67.54
206.0	006.0000	0037.4	017.6	328.6	013.0000	0303.9	042.1	67.38
207.0	006.0000	0030.1	015.8	330.4	013.0000	0297.8	043.3	66.66
208.0	006.0000	0021.6	015.8	330.3	013.0000	0299.3	043.6	66.60
209.0	006.0000	0021.4	015.8	330.1	013.0000	0300.9	043.8	66.55
210.0	006.0000	0026.6	015.8	329.9	013.0000	0302.2	044.1	66.49
211.0	006.0000	0031.1	016.0	329.4	013.0000	0304.6	044.2	66.51
212.0	006.0000	0039.7	018.2	326.7	013.0000	0295.7	043.5	66.54
213.0	006.0000	0038.3	017.9	326.9	013.0000	0295.7	043.9	66.36
214.0	006.0000	0030.4	015.8	329.2	013.0000	0305.2	045.0	66.18
215.0	006.0000	0024.2	015.8	329.1	013.0000	0305.2	045.3	66.07
216.0	006.0000	0016.8	015.8	329.0	013.0000	0305.3	045.5	65.96
217.0	006.0000	0012.2	015.8	328.9	013.0000	0305.1	045.8	65.85
218.0	006.0000	0004.8	015.8	328.7	013.0000	0304.7	046.0	65.73
219.0	006.0000	-0002.1	015.8	328.6	013.0000	0304.1	046.3	65.61
220.0	006.0000	-0007.2	015.8	328.5	013.0000	0303.4	046.6	65.48
221.0	006.0000	-0009.5	015.8	328.4	013.0000	0302.6	046.8	65.35
222.0	006.0000	-0013.4	015.8	328.3	013.0000	0301.9	047.1	65.23
223.0	006.0000	-0022.3	015.8	328.2	013.0000	0301.2	047.3	65.10
224.0	006.0000	-0027.6	015.8	328.1	013.0000	0300.5	047.6	64.97
225.0	006.0000	-0034.0	015.8	328.1	013.0000	0300.0	047.9	64.85

10-14-2007 USGS 03 SEC Terrain Data

WFCR BLED19970605KB
 Channel = 203B
 Max ERP = 13 kW
 RCAMSL = 478 M
 N. Lat. 42 21 49.0
 W. Lng. 72 25 24.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
285.0	013.0000	0409.0	059.3	229.8	006.0000	-0046.8	056.2	42.38
286.0	013.0000	0408.8	059.3	230.4	006.0000	-0047.1	055.4	42.55
287.0	013.0000	0408.5	059.3	231.0	006.0000	-0047.7	054.5	42.74
288.0	013.0000	0408.0	059.2	231.6	006.0000	-0049.1	053.7	42.93
289.0	013.0000	0407.4	059.2	232.2	006.0000	-0051.8	052.8	43.12
290.0	013.0000	0406.7	059.2	232.8	006.0000	-0056.0	051.9	43.31
291.0	013.0000	0406.0	059.1	233.3	006.0000	-0060.8	051.0	43.50
292.0	013.0000	0405.4	059.1	233.9	006.0000	-0066.1	050.1	43.70
293.0	013.0000	0405.2	059.1	234.5	006.0000	-0071.7	049.2	43.89
294.0	013.0000	0405.7	059.1	235.2	006.0000	-0076.9	048.4	44.07
295.0	013.0000	0406.3	059.1	235.9	006.0000	-0080.3	047.5	44.27
296.0	013.0000	0406.4	059.1	236.5	006.0000	-0082.4	046.6	44.47
297.0	013.0000	0406.0	059.1	237.1	006.0000	-0083.7	045.7	44.69
298.0	013.0000	0405.3	059.1	237.7	006.0000	-0085.3	044.8	44.92
299.0	013.0000	0404.2	059.0	238.3	006.0000	-0087.0	043.9	45.17
300.0	013.0000	0403.0	058.9	238.9	006.0000	-0088.8	042.9	45.43
301.0	013.0000	0400.8	058.8	239.4	006.0000	-0090.4	042.0	45.71
302.0	013.0000	0398.8	058.7	240.0	006.0000	-0091.8	041.0	45.99
303.0	013.0000	0397.0	058.6	240.5	006.0000	-0092.4	040.1	46.29
304.0	013.0000	0394.9	058.5	241.0	006.0000	-0092.3	039.1	46.60
305.0	013.0000	0392.7	058.4	241.5	006.0000	-0091.1	038.1	46.91
306.0	013.0000	0389.6	058.2	242.0	006.0000	-0090.1	037.2	47.25
307.0	013.0000	0384.9	057.9	242.3	006.0000	-0089.7	036.1	47.61
308.0	013.0000	0380.3	057.7	242.6	006.0000	-0089.9	035.1	47.98
309.0	013.0000	0374.7	057.3	242.8	006.0000	-0090.3	034.1	48.36
310.0	013.0000	0367.3	056.9	242.7	006.0000	-0090.2	033.0	48.77
311.0	013.0000	0361.7	056.5	242.8	006.0000	-0090.5	031.9	49.18
312.0	013.0000	0353.2	056.0	242.6	006.0000	-0089.9	030.8	49.65
313.0	013.0000	0343.7	055.4	242.1	006.0000	-0089.9	029.7	50.18
314.0	013.0000	0335.0	054.8	241.6	006.0000	-0090.8	028.6	50.75
315.0	013.0000	0327.0	054.3	241.2	006.0000	-0092.1	027.5	51.35
316.0	013.0000	0319.9	053.8	240.7	006.0000	-0092.4	026.5	51.98
317.0	013.0000	0314.3	053.5	240.4	006.0000	-0092.4	025.5	52.61
318.0	013.0000	0315.1	053.5	241.0	006.0000	-0092.3	024.6	53.21

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
319.0	013.0000	0314.6	053.5	241.4	006.0000	-0091.4	023.7	53.85
320.0	013.0000	0311.5	053.3	241.4	006.0000	-0091.4	022.7	54.54
321.0	013.0000	0309.2	053.1	241.5	006.0000	-0091.2	021.8	55.24
322.0	013.0000	0304.9	052.8	241.1	006.0000	-0092.1	020.8	55.97
323.0	013.0000	0300.8	052.6	240.8	006.0000	-0092.4	019.9	56.72
324.0	013.0000	0296.4	052.3	240.2	006.0000	-0092.2	018.9	57.48
325.0	013.0000	0292.6	052.0	239.7	006.0000	-0091.1	018.0	58.24
326.0	013.0000	0294.4	052.1	240.4	006.0000	-0092.4	017.1	58.99
327.0	013.0000	0295.8	052.2	240.9	006.0000	-0092.4	016.2	59.75
328.0	013.0000	0299.6	052.5	242.0	006.0000	-0089.9	015.3	60.52
329.0	013.0000	0305.3	052.9	243.8	006.0000	-0094.5	014.4	61.44
330.0	013.0000	0301.6	052.6	243.0	006.0000	-0091.3	013.5	62.63
331.0	013.0000	0290.2	051.8	239.7	006.0000	-0091.1	012.6	63.91
332.0	013.0000	0280.8	051.2	236.4	006.0000	-0082.1	011.7	65.21
333.0	013.0000	0275.7	050.8	234.0	006.0000	-0066.9	010.9	66.56
334.0	013.0000	0266.1	050.2	229.4	006.0000	-0046.1	010.2	67.79
335.0	013.0000	0256.2	049.5	223.9	006.0000	-0027.4	009.5	68.87
336.0	013.0000	0246.3	048.8	217.8	006.0000	0006.6	009.1	69.76
337.0	013.0000	0237.5	048.1	211.4	006.0000	0034.8	008.7	71.64
338.0	013.0000	0228.3	047.4	204.4	006.0000	0036.4	008.5	72.42
339.0	013.0000	0218.7	046.7	197.0	006.0000	-0002.5	008.4	70.91
340.0	013.0000	0213.4	046.3	190.8	006.0000	0041.2	008.3	73.79
341.0	013.0000	0213.3	046.3	185.8	006.0000	0065.9	007.9	78.60
342.0	013.0000	0213.9	046.4	180.4	006.0000	0029.9	007.6	72.60
343.0	013.0000	0209.7	046.0	174.0	006.0000	0059.2	007.7	78.23
344.0	013.0000	0204.1	045.6	167.8	006.0000	0089.7	008.0	81.10
345.0	013.0000	0195.0	044.9	162.4	006.0000	0071.4	008.7	77.77
346.0	013.0000	0189.7	044.5	157.7	006.0000	0040.5	009.2	71.91
347.0	013.0000	0185.4	044.1	153.5	006.0000	0053.7	009.7	73.66
348.0	013.0000	0182.2	043.9	149.7	006.0000	0085.9	010.2	76.71
349.0	013.0000	0179.4	043.6	146.2	006.0000	0132.3	010.7	79.54
350.0	013.0000	0178.3	043.5	142.8	006.0000	0163.9	011.1	80.92
351.0	013.0000	0174.9	043.2	140.2	006.0000	0176.3	011.7	80.58
352.0	013.0000	0169.8	042.7	138.5	006.0000	0183.6	012.6	79.68
353.0	013.0000	0165.9	042.3	136.9	006.0000	0190.4	013.3	78.90
354.0	013.0000	0163.6	042.0	135.1	006.0000	0192.5	014.0	78.14
355.0	013.0000	0160.3	041.7	133.8	006.0000	0196.3	014.7	77.38
356.0	013.0000	0156.9	041.3	132.8	006.0000	0200.1	015.5	77.05
357.0	013.0000	0152.3	040.7	132.3	006.0000	0201.3	016.4	76.35
358.0	013.0000	0148.5	040.2	131.8	006.0000	0202.5	017.2	75.71
359.0	013.0000	0145.4	039.9	131.1	006.0000	0203.7	018.0	75.12
000.0	013.0000	0141.9	039.4	130.7	006.0000	0204.3	018.8	74.48
001.0	013.0000	0140.4	039.2	129.8	006.0000	0205.0	019.5	73.99
002.0	013.0000	0141.9	039.4	128.2	006.0000	0201.9	019.9	73.51
003.0	013.0000	0142.0	039.4	127.0	006.0000	0197.4	020.5	72.87
004.0	013.0000	0141.2	039.3	126.2	006.0000	0194.0	021.1	72.22
005.0	013.0000	0140.8	039.3	125.4	006.0000	0189.4	021.7	71.54
006.0	013.0000	0143.8	039.7	123.6	006.0000	0175.8	022.1	70.59
007.0	013.0000	0148.0	040.2	121.6	006.0000	0159.7	022.5	69.40
008.0	013.0000	0156.4	041.2	118.6	006.0000	0156.3	022.8	68.99
009.0	013.0000	0166.7	042.4	115.2	006.0000	0167.4	023.1	69.41

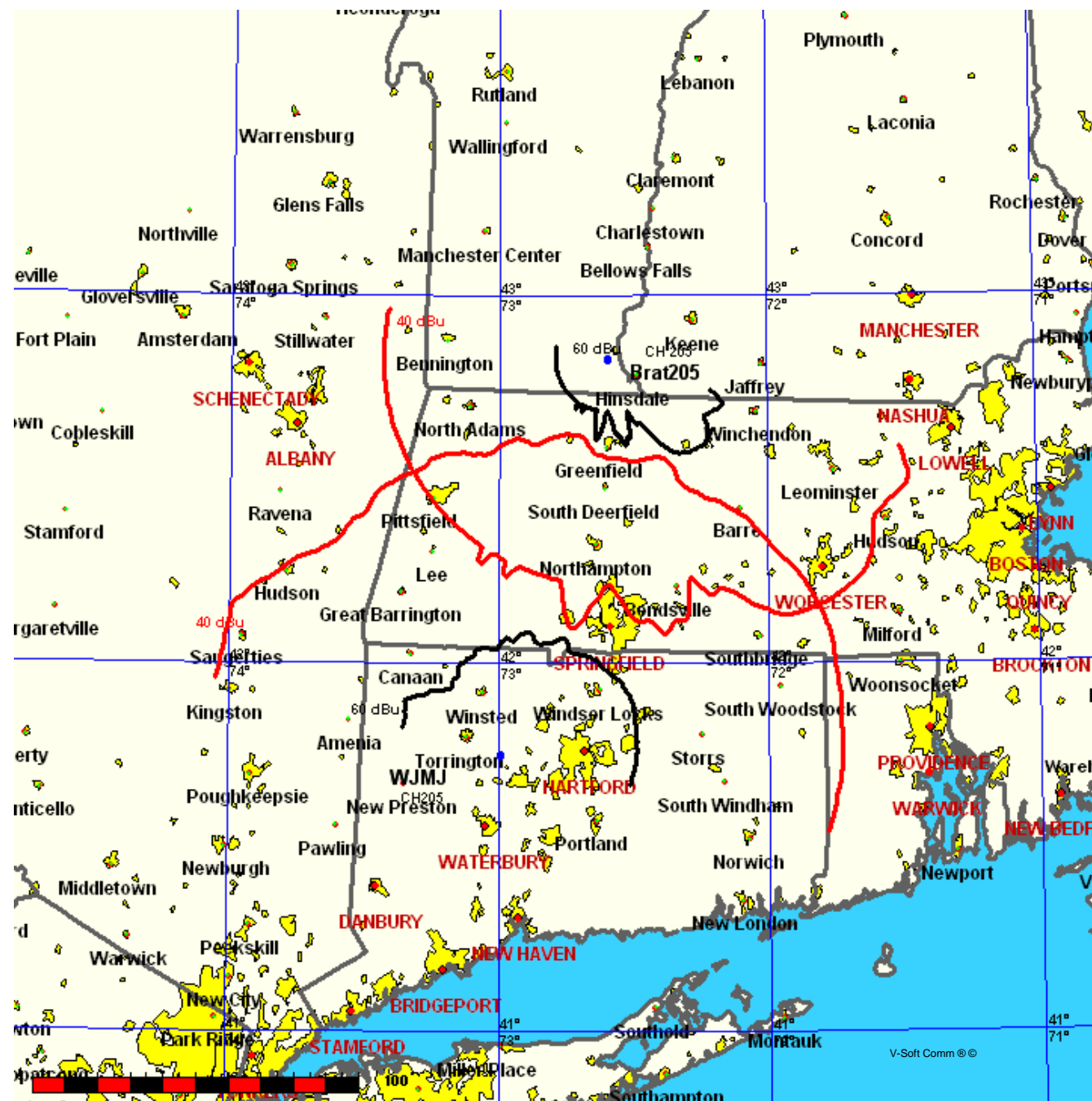
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
010.0	013.0000	0173.6	043.1	113.0	006.0000	0183.0	023.6	69.79
011.0	013.0000	0175.8	043.3	112.1	006.0000	0185.6	024.3	69.40
012.0	013.0000	0179.5	043.6	111.0	006.0000	0184.6	025.0	68.86
013.0	013.0000	0185.0	044.1	109.8	006.0000	0174.6	025.7	67.90
014.0	013.0000	0191.1	044.6	108.5	006.0000	0162.3	026.4	66.73
015.0	013.0000	0195.2	044.9	107.7	006.0000	0155.5	027.2	65.82
016.0	013.0000	0196.6	045.0	107.5	006.0000	0153.3	028.0	65.18
017.0	013.0000	0197.2	045.1	107.3	006.0000	0152.4	028.8	64.63
018.0	013.0000	0196.6	045.0	107.4	006.0000	0153.0	029.5	64.19
019.0	013.0000	0195.3	044.9	107.6	006.0000	0154.6	030.3	63.83
020.0	013.0000	0198.6	045.2	107.2	006.0000	0151.5	031.1	63.19
021.0	013.0000	0202.8	045.5	106.7	006.0000	0147.1	031.9	62.49
022.0	013.0000	0207.9	045.9	106.1	006.0000	0141.9	032.8	61.76
023.0	013.0000	0214.3	046.4	105.4	006.0000	0136.9	033.6	61.02
024.0	013.0000	0219.3	046.8	105.0	006.0000	0134.2	034.5	60.43
025.0	013.0000	0223.2	047.1	104.7	006.0000	0132.9	035.3	59.93
026.0	013.0000	0226.1	047.3	104.6	006.0000	0132.5	036.2	59.50
027.0	013.0000	0227.7	047.4	104.7	006.0000	0132.8	037.0	59.12
028.0	013.0000	0227.0	047.3	105.1	006.0000	0134.6	037.8	58.85
029.0	013.0000	0226.6	047.3	105.4	006.0000	0136.6	038.6	58.60
030.0	013.0000	0225.4	047.2	105.8	006.0000	0139.2	039.4	58.39
031.0	013.0000	0223.8	047.1	106.2	006.0000	0143.2	040.2	58.25
032.0	013.0000	0223.2	047.1	106.6	006.0000	0146.5	040.9	58.08
033.0	013.0000	0225.1	047.2	106.7	006.0000	0147.5	041.8	57.76
034.0	013.0000	0227.6	047.4	106.8	006.0000	0148.2	042.6	57.42
035.0	013.0000	0234.4	047.9	106.5	006.0000	0145.5	043.6	56.87
036.0	013.0000	0238.4	048.2	106.5	006.0000	0145.4	044.5	56.48
037.0	013.0000	0242.7	048.5	106.5	006.0000	0145.3	045.4	56.10
038.0	013.0000	0245.0	048.7	106.7	006.0000	0146.9	046.2	55.83
039.0	013.0000	0246.8	048.8	106.9	006.0000	0149.0	047.0	55.60
040.0	013.0000	0249.2	049.0	107.1	006.0000	0150.6	047.9	55.35
041.0	013.0000	0250.2	049.0	107.4	006.0000	0153.0	048.7	55.15
042.0	013.0000	0248.8	048.9	107.9	006.0000	0156.7	049.5	55.06
043.0	013.0000	0245.3	048.7	108.6	006.0000	0162.7	050.1	55.09
044.0	013.0000	0243.9	048.6	109.1	006.0000	0167.8	050.9	55.07
045.0	013.0000	0244.2	048.6	109.5	006.0000	0171.5	051.6	54.95

Vermont Public Radio
Brattleboro 205 v WJMJ

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

WJMJ CH 205 B1 BLED19971010KA
6.2 kW, 389 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WJMJ

BLED19971010KA

Channel = 205B1

Max ERP = 6.2 kW

RCAMSL = 389 M

N. Lat. 41 45 09.0

W. Lng. 72 59 40.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
135.0	006.0000	0192.7	038.2	032.6	005.3049	0210.4	110.2	37.32
136.0	006.0000	0191.8	038.2	032.4	005.3049	0212.1	109.5	37.53
137.0	006.0000	0189.9	038.0	032.3	005.3049	0214.3	108.9	37.74
138.0	006.0000	0185.7	037.7	032.0	005.3049	0217.3	108.4	37.96
139.0	006.0000	0181.7	037.3	031.8	005.3049	0220.0	107.8	38.17
140.0	006.0000	0177.4	037.0	031.5	005.3049	0222.2	107.3	38.37
141.0	006.0000	0172.5	036.5	031.1	005.3049	0224.7	106.9	38.56
142.0	006.0000	0167.8	036.0	030.8	005.3049	0227.0	106.5	38.74
143.0	006.0000	0162.7	035.5	030.4	005.3049	0229.2	106.1	38.91
144.0	006.0000	0157.1	034.9	029.9	005.3058	0231.7	105.7	39.07
145.0	006.0000	0149.3	034.0	029.4	005.3155	0232.5	105.6	39.15
146.0	006.0000	0135.6	032.4	028.5	005.3309	0229.5	105.7	39.03
147.0	006.0000	0119.5	030.7	027.5	005.3477	0219.1	106.1	38.64
148.0	006.0000	0107.9	029.3	026.7	005.3610	0208.0	106.3	38.26
149.0	006.0000	0095.8	027.7	025.9	005.3759	0199.3	106.7	37.91
150.0	006.0000	0081.7	025.7	024.9	005.3937	0190.1	107.5	37.47
151.0	006.0000	0069.3	023.9	023.9	005.4097	0184.6	108.2	37.15
152.0	006.0000	0060.5	022.5	023.2	005.4217	0181.7	108.7	36.97
153.0	006.0000	0054.5	021.5	022.7	005.4312	0180.4	109.0	36.86
154.0	006.0000	0054.9	021.6	022.6	005.4329	0180.1	108.7	36.92
155.0	006.0000	0057.9	022.1	022.7	005.4315	0180.3	108.1	37.08
156.0	006.0000	0054.5	021.5	022.3	005.4381	0178.9	108.2	37.01
157.0	006.0000	0045.8	019.7	021.5	005.4523	0175.3	109.2	36.68
158.0	006.0000	0038.0	017.8	020.7	005.4662	0172.1	110.4	36.36
159.0	006.0000	0035.0	017.0	020.3	005.4728	0170.6	110.7	36.24
160.0	006.0000	0039.7	018.2	020.6	005.4678	0171.7	109.6	36.50
161.0	006.0000	0050.2	020.6	021.3	005.4557	0174.7	107.6	37.04
162.0	006.0000	0067.1	023.5	022.2	005.4406	0178.1	105.1	37.72
163.0	006.0000	0076.4	024.9	022.5	005.4351	0179.6	103.8	38.10
164.0	006.0000	0076.2	024.9	022.3	005.4385	0178.8	103.5	38.14
165.0	006.0000	0073.2	024.5	021.9	005.4444	0177.1	103.6	38.06
166.0	006.0000	0079.3	025.4	022.1	005.4425	0177.6	102.6	38.33
167.0	006.0000	0087.5	026.6	022.2	005.4392	0178.6	101.4	38.68
168.0	006.0000	0089.4	026.8	022.1	005.4414	0177.9	100.9	38.79
169.0	006.0000	0078.7	025.3	021.4	005.4535	0175.1	101.9	38.43
170.0	006.0000	0068.5	023.7	020.8	005.4649	0172.5	103.0	38.08
171.0	006.0000	0064.1	023.1	020.4	005.4716	0170.9	103.4	37.94

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
172.0	006.0000	0064.7	023.2	020.2	005.4745	0170.2	103.1	37.99
173.0	006.0000	0064.2	023.1	020.0	005.4783	0169.5	103.0	38.00
174.0	006.0000	0058.9	022.3	019.6	005.4830	0169.4	103.5	37.86
175.0	006.0000	0052.2	021.0	019.1	005.4885	0170.0	104.5	37.64
176.0	006.0000	0043.6	019.1	018.5	005.4954	0168.6	106.1	37.22
177.0	006.0000	0037.6	017.7	018.1	005.5006	0167.5	107.3	36.91
178.0	006.0000	0034.8	017.0	017.8	005.5039	0167.5	107.9	36.79
179.0	006.0000	0030.1	015.8	017.5	005.5080	0168.7	108.9	36.59
180.0	006.0000	0029.4	015.8	017.3	005.5096	0169.6	108.9	36.64
181.0	006.0000	0032.6	016.4	017.3	005.5101	0169.9	108.1	36.81
182.0	006.0000	0038.4	017.9	017.3	005.5093	0169.4	106.6	37.13
183.0	006.0000	0042.3	018.8	017.3	005.5097	0169.7	105.6	37.38
184.0	006.0000	0047.5	020.0	017.3	005.5099	0169.8	104.4	37.68
185.0	006.0000	0056.5	021.9	017.3	005.5095	0169.5	102.5	38.13
186.0	006.0000	0068.6	023.8	017.3	005.5094	0169.5	100.6	38.63
187.0	006.0000	0074.7	024.7	017.2	005.5109	0170.6	099.6	38.93
188.0	006.0000	0074.2	024.6	017.0	005.5139	0173.7	099.6	39.04
189.0	006.0000	0064.1	023.1	016.6	005.5181	0178.4	101.1	38.82
190.0	006.0000	0051.6	020.9	016.2	005.5224	0182.7	103.2	38.42
191.0	006.0000	0039.0	018.0	015.9	005.5264	0187.5	106.0	37.86
192.0	006.0000	0023.3	015.8	015.6	005.5294	0190.3	108.2	37.40
193.0	006.0000	0012.9	015.8	015.5	005.5311	0191.5	108.2	37.44
194.0	006.0000	0006.8	015.8	015.3	005.5328	0192.7	108.2	37.48
195.0	006.0000	0001.8	015.8	015.2	005.5345	0193.9	108.2	37.51
196.0	006.0000	0001.7	015.8	015.1	005.5362	0195.0	108.2	37.54
197.0	006.0000	-0002.6	015.8	014.9	005.5379	0195.7	108.2	37.56
198.0	006.0000	-0004.8	015.8	014.8	005.5395	0196.3	108.2	37.58
199.0	006.0000	-0004.7	015.8	014.6	005.5412	0196.9	108.3	37.59
200.0	006.0000	-0000.3	015.8	014.5	005.5429	0197.2	108.3	37.60
201.0	006.0000	0005.1	015.8	014.3	005.5446	0197.6	108.3	37.60
202.0	006.0000	0013.0	015.8	014.2	005.5463	0197.9	108.3	37.61
203.0	006.0000	0022.6	015.8	014.0	005.5479	0197.9	108.4	37.60
204.0	006.0000	0032.5	016.4	013.8	005.5503	0197.9	107.8	37.74
205.0	006.0000	0039.0	018.0	013.5	005.5540	0197.8	106.2	38.13
206.0	006.0000	0037.4	017.6	013.4	005.5553	0197.5	106.7	38.00
207.0	006.0000	0030.1	015.8	013.5	005.5546	0197.6	108.6	37.55
208.0	006.0000	0021.6	015.8	013.3	005.5562	0197.3	108.7	37.52
209.0	006.0000	0021.4	015.8	013.2	005.5578	0196.9	108.7	37.49
210.0	006.0000	0026.6	015.8	013.1	005.5594	0196.8	108.8	37.47
211.0	006.0000	0031.1	016.0	012.9	005.5615	0197.2	108.6	37.53
212.0	006.0000	0039.7	018.2	012.4	005.5676	0196.5	106.7	37.99
213.0	006.0000	0038.3	017.9	012.3	005.5687	0196.2	107.1	37.88
214.0	006.0000	0030.4	015.8	012.5	005.5660	0197.0	109.1	37.42
215.0	006.0000	0024.2	015.8	012.4	005.5674	0196.6	109.3	37.37
216.0	006.0000	0016.8	015.8	012.3	005.5689	0196.2	109.4	37.33
217.0	006.0000	0012.2	015.8	012.1	005.5704	0196.0	109.5	37.30
218.0	006.0000	0004.8	015.8	012.0	005.5720	0195.8	109.6	37.27
219.0	006.0000	-0002.1	015.8	011.9	005.5735	0195.3	109.7	37.23
220.0	006.0000	-0007.2	015.8	011.7	005.5749	0194.4	109.8	37.18
221.0	006.0000	-0009.5	015.8	011.6	005.5764	0193.3	110.0	37.12
222.0	006.0000	-0013.4	015.8	011.5	005.5778	0192.0	110.1	37.05

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
223.0	006.0000	-0022.3	015.8	011.4	005.5793	0190.7	110.3	36.99
224.0	006.0000	-0027.6	015.8	011.3	005.5807	0189.6	110.4	36.92
225.0	006.0000	-0034.0	015.8	011.1	005.5821	0188.7	110.6	36.87
226.0	006.0000	-0039.6	015.8	011.0	005.5835	0187.8	110.7	36.81
227.0	006.0000	-0041.8	015.8	010.9	005.5848	0186.9	110.9	36.75
228.0	006.0000	-0043.5	015.8	010.8	005.5861	0186.0	111.0	36.69
229.0	006.0000	-0045.2	015.8	010.7	005.5875	0185.4	111.2	36.64
230.0	006.0000	-0047.1	015.8	010.6	005.5887	0185.0	111.4	36.60
231.0	006.0000	-0047.7	015.8	010.5	005.5900	0184.7	111.5	36.55
232.0	006.0000	-0050.7	015.8	010.4	005.5913	0184.5	111.7	36.51
233.0	006.0000	-0058.0	015.8	010.3	005.5925	0184.3	111.9	36.47
234.0	006.0000	-0066.7	015.8	010.2	005.5937	0184.0	112.1	36.42
235.0	006.0000	-0075.3	015.8	010.1	005.5949	0183.7	112.3	36.37
236.0	006.0000	-0080.8	015.8	010.0	005.5955	0183.4	112.5	36.33
237.0	006.0000	-0083.4	015.8	009.9	005.5955	0183.0	112.7	36.28
238.0	006.0000	-0086.1	015.8	009.8	005.5955	0182.7	112.9	36.22
239.0	006.0000	-0089.1	015.8	009.7	005.5955	0182.3	113.1	36.17
240.0	006.0000	-0091.9	015.8	009.6	005.5955	0182.0	113.3	36.12
241.0	006.0000	-0092.3	015.8	009.5	005.5955	0181.6	113.5	36.07
242.0	006.0000	-0090.0	015.8	009.4	005.5955	0181.1	113.7	36.01
243.0	006.0000	-0091.3	015.8	009.3	005.5955	0180.4	114.0	35.95
244.0	006.0000	-0095.5	015.8	009.3	005.5955	0179.6	114.2	35.88
245.0	006.0000	-0099.9	015.8	009.2	005.5955	0178.7	114.4	35.81
246.0	006.0000	-0102.8	015.8	009.1	005.5955	0177.9	114.6	35.74
247.0	006.0000	-0103.2	015.8	009.0	005.5955	0177.1	114.9	35.68
248.0	006.0000	-0101.8	015.8	009.0	005.5955	0176.4	115.1	35.61
249.0	006.0000	-0101.1	015.8	008.9	005.5955	0175.7	115.3	35.54
250.0	006.0000	-0101.3	015.8	008.8	005.5955	0175.0	115.6	35.48
251.0	006.0000	-0101.6	015.8	008.8	005.5955	0174.5	115.8	35.41
252.0	006.0000	-0101.7	015.8	008.7	005.5955	0174.0	116.1	35.35
253.0	006.0000	-0101.7	015.8	008.6	005.5955	0173.5	116.3	35.29
254.0	006.0000	-0104.3	015.8	008.6	005.5955	0173.1	116.6	35.23
255.0	006.0000	-0107.0	015.8	008.5	005.5955	0172.6	116.8	35.17

10-14-2007 USGS 03 SEC Terrain Data

WJMJ BLED19971010KA
 Channel = 205B1
 Max ERP = 6.2 kW
 RCAMSL = 389 M
 N. Lat. 41 45 09.0
 W. Lng. 72 59 40.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
315.0	005.7139	0096.4	027.5	207.6	006.0000	0024.6	112.9	31.22
316.0	005.6901	0092.4	026.9	207.3	006.0000	0027.5	112.6	31.27
317.0	005.6664	0088.8	026.4	206.9	006.0000	0030.7	112.3	31.36
318.0	005.6427	0084.9	025.8	206.6	006.0000	0033.7	112.1	31.56
319.0	005.6191	0085.3	025.9	206.5	006.0000	0034.2	111.7	31.67
320.0	005.5955	0084.4	025.7	206.3	006.0000	0035.3	111.3	31.79
321.0	005.5955	0082.7	025.5	206.1	006.0000	0036.6	111.0	31.91
322.0	005.5955	0081.5	025.3	205.9	006.0000	0037.6	110.7	32.03
323.0	005.5955	0080.1	025.1	205.8	006.0000	0038.4	110.4	32.12
324.0	005.5955	0082.4	025.4	205.8	006.0000	0038.3	109.9	32.22
325.0	005.5955	0086.7	026.0	206.0	006.0000	0037.5	109.2	32.32
326.0	005.5955	0089.7	026.5	206.0	006.0000	0037.2	108.6	32.42
327.0	005.5955	0091.4	026.7	206.0	006.0000	0037.3	108.0	32.52
328.0	005.5955	0092.5	026.9	206.0	006.0000	0037.6	107.6	32.63
329.0	005.5955	0091.6	026.7	205.8	006.0000	0038.4	107.2	32.73
330.0	005.5955	0090.7	026.6	205.6	006.0000	0038.8	106.9	32.81
331.0	005.5955	0092.6	026.9	205.5	006.0000	0038.9	106.4	32.92
332.0	005.5955	0098.1	027.6	205.7	006.0000	0038.5	105.6	33.06
333.0	005.5955	0105.5	028.6	206.0	006.0000	0037.6	104.6	33.20
334.0	005.5955	0111.1	029.2	206.1	006.0000	0036.9	103.8	33.33
335.0	005.5955	0117.4	030.0	206.2	006.0000	0036.1	102.9	33.46
336.0	005.5955	0118.9	030.1	206.1	006.0000	0036.8	102.4	33.59
337.0	005.5955	0119.0	030.1	205.9	006.0000	0037.8	102.0	33.71
338.0	005.5955	0118.3	030.1	205.7	006.0000	0038.6	101.7	33.81
339.0	005.5955	0120.4	030.3	205.6	006.0000	0038.8	101.1	33.93
340.0	005.5955	0123.0	030.5	205.5	006.0000	0039.1	100.6	34.05
341.0	005.5955	0124.2	030.7	205.3	006.0000	0039.3	100.1	34.15
342.0	005.5955	0123.2	030.6	205.0	006.0000	0039.1	099.8	34.20
343.0	005.5955	0124.3	030.7	204.9	006.0000	0038.9	099.4	34.28
344.0	005.5955	0125.2	030.8	204.7	006.0000	0038.2	098.9	34.34
345.0	005.5955	0127.2	031.0	204.5	006.0000	0037.2	098.4	34.40
346.0	005.5955	0134.3	031.7	204.5	006.0000	0037.4	097.5	34.60
347.0	005.5955	0141.8	032.6	204.6	006.0000	0037.7	096.5	34.81
348.0	005.5955	0142.9	032.7	204.3	006.0000	0036.0	096.0	34.83

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
349.0	005.5955	0141.8	032.6	204.0	006.0000	0032.6	095.8	34.72
350.0	005.5955	0142.9	032.7	203.8	006.0000	0029.8	095.4	34.70
351.0	005.5955	0142.7	032.7	203.5	006.0000	0026.5	095.1	34.76
352.0	005.5955	0141.8	032.6	203.1	006.0000	0023.7	094.9	34.80
353.0	005.5955	0140.9	032.5	202.8	006.0000	0021.0	094.7	34.84
354.0	005.5955	0138.2	032.2	202.4	006.0000	0017.4	094.7	34.84
355.0	005.5955	0135.0	031.8	202.0	006.0000	0013.2	094.7	34.83
356.0	005.5955	0134.4	031.8	201.7	006.0000	0010.2	094.6	34.87
357.0	005.5955	0133.6	031.7	201.4	006.0000	0007.4	094.4	34.90
358.0	005.5955	0134.2	031.7	201.1	006.0000	0005.5	094.1	34.96
359.0	005.5955	0141.2	032.5	200.9	006.0000	0004.8	093.2	35.15
000.0	005.5955	0150.8	033.6	200.9	006.0000	0004.4	091.9	35.40
001.0	005.5955	0156.9	034.3	200.7	006.0000	0003.5	091.1	35.57
002.0	005.5955	0162.2	034.9	200.4	006.0000	0002.4	090.4	35.73
003.0	005.5955	0167.5	035.4	200.1	006.0000	0000.7	089.6	35.87
004.0	005.5955	0166.8	035.3	199.7	006.0000	-0002.0	089.5	35.89
005.0	005.5955	0161.8	034.8	199.3	006.0000	-0004.2	089.9	35.82
006.0	005.5955	0159.0	034.5	198.9	006.0000	-0004.6	090.0	35.79
007.0	005.5955	0159.5	034.6	198.5	006.0000	-0004.5	089.9	35.83
008.0	005.5955	0167.4	035.4	198.2	006.0000	-0004.7	088.9	36.02
009.0	005.5955	0176.8	036.3	197.9	006.0000	-0004.8	087.9	36.23
010.0	005.5955	0183.5	036.9	197.5	006.0000	-0004.0	087.2	36.37
011.0	005.5837	0187.6	037.2	197.1	006.0000	-0003.1	086.8	36.45
012.0	005.5720	0195.8	037.9	196.7	006.0000	-0001.1	086.1	36.59
013.0	005.5602	0196.9	038.0	196.3	006.0000	0001.1	086.0	36.62
014.0	005.5485	0197.8	038.0	195.9	006.0000	0001.9	085.9	36.64
015.0	005.5368	0195.3	037.8	195.4	006.0000	0001.0	086.1	36.59
016.0	005.5250	0185.8	037.0	195.0	006.0000	0001.8	086.9	36.43
017.0	005.5133	0173.1	035.9	194.6	006.0000	0003.6	088.1	36.19
018.0	005.5017	0167.4	035.3	194.2	006.0000	0005.6	088.7	36.06
019.0	005.4900	0169.9	035.5	193.8	006.0000	0007.7	088.5	36.10
020.0	005.4783	0169.5	035.5	193.4	006.0000	0009.7	088.7	36.08
021.0	005.4608	0173.6	035.8	193.0	006.0000	0013.1	088.4	36.14
022.0	005.4434	0177.3	036.2	192.5	006.0000	0017.0	088.1	36.18
023.0	005.4260	0181.0	036.5	192.1	006.0000	0022.0	088.0	36.22
024.0	005.4086	0184.8	036.8	191.7	006.0000	0028.7	087.8	36.25
025.0	005.3912	0191.2	037.3	191.2	006.0000	0036.6	087.5	36.68
026.0	005.3739	0200.4	038.0	190.6	006.0000	0044.1	086.9	37.20
027.0	005.3566	0211.5	038.8	190.0	006.0000	0051.1	086.3	37.71
028.0	005.3393	0225.1	039.7	189.4	006.0000	0058.7	085.6	38.27
029.0	005.3221	0231.9	040.2	188.9	006.0000	0065.5	085.4	38.66
030.0	005.3049	0231.4	040.1	188.5	006.0000	0069.8	085.7	38.80
031.0	005.3049	0225.6	039.7	188.1	006.0000	0073.1	086.4	38.80
032.0	005.3049	0217.5	039.2	187.9	006.0000	0074.9	087.2	38.67
033.0	005.3049	0205.3	038.2	187.7	006.0000	0075.4	088.3	38.41
034.0	005.3049	0198.3	037.7	187.5	006.0000	0075.6	089.1	38.22
035.0	005.3049	0197.9	037.7	187.1	006.0000	0074.9	089.4	38.10
036.0	005.3049	0200.6	037.9	186.7	006.0000	0073.9	089.5	38.02
037.0	005.3049	0206.1	038.3	186.2	006.0000	0070.5	089.5	37.87
038.0	005.3049	0207.9	038.4	185.8	006.0000	0065.4	089.7	37.58
039.0	005.3049	0209.8	038.6	185.3	006.0000	0060.2	090.0	37.28

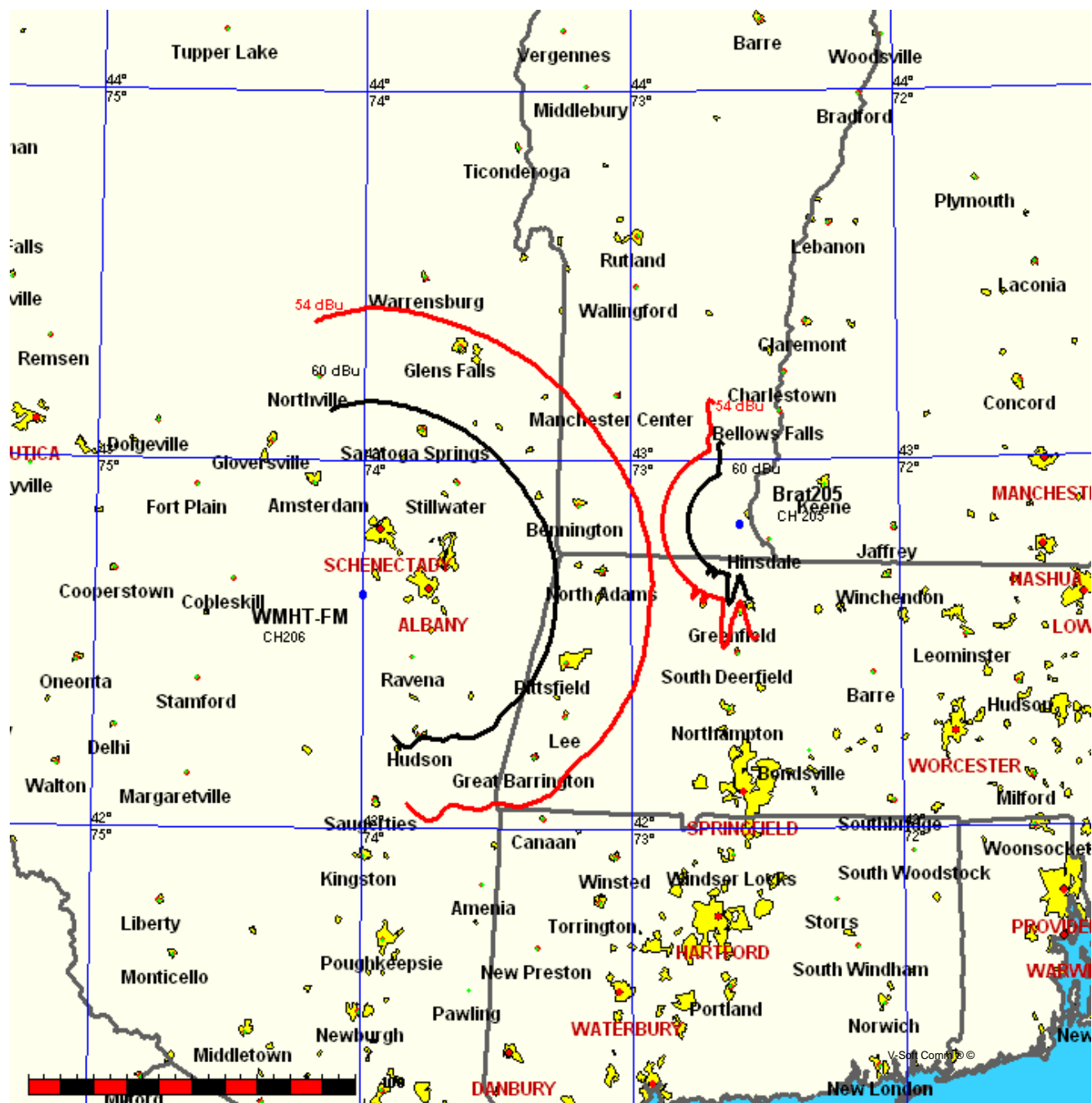
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
040.0	005.3049	0217.6	039.2	184.8	006.0000	0054.7	089.9	37.04
041.0	005.3164	0224.8	039.7	184.2	006.0000	0049.9	089.9	36.81
042.0	005.3278	0227.1	039.9	183.8	006.0000	0045.8	090.1	36.55
043.0	005.3393	0230.9	040.1	183.4	006.0000	0044.2	090.4	36.42
044.0	005.3509	0234.5	040.4	182.9	006.0000	0041.7	090.6	36.24
045.0	005.3624	0238.2	040.7	182.5	006.0000	0039.5	090.9	36.07
046.0	005.4086	0241.3	040.9	182.0	006.0000	0038.5	091.2	35.96
047.0	005.4550	0241.9	041.0	181.7	006.0000	0037.5	091.6	35.82
048.0	005.5017	0240.7	041.0	181.3	006.0000	0035.4	092.1	35.61
049.0	005.5485	0240.9	041.1	181.0	006.0000	0032.6	092.6	35.38
050.0	005.5955	0241.1	041.2	180.7	006.0000	0031.0	093.1	35.21
051.0	005.5955	0241.4	041.2	180.4	006.0000	0029.9	093.6	35.05
052.0	005.5955	0242.2	041.3	180.1	006.0000	0029.4	094.2	34.94
053.0	005.5955	0243.5	041.3	179.8	006.0000	0029.5	094.7	34.84
054.0	005.5955	0246.1	041.5	179.4	006.0000	0029.5	095.2	34.74
055.0	005.5955	0249.0	041.7	179.1	006.0000	0029.9	095.7	34.64
056.0	005.5955	0252.1	041.9	178.8	006.0000	0031.0	096.2	34.58
057.0	005.5955	0258.2	042.3	178.3	006.0000	0033.4	096.6	34.60
058.0	005.5955	0263.6	042.6	177.9	006.0000	0035.1	097.0	34.59
059.0	005.5955	0266.9	042.8	177.6	006.0000	0036.4	097.6	34.53
060.0	005.5955	0268.5	042.9	177.4	006.0000	0037.2	098.2	34.44
061.0	005.5955	0268.7	042.9	177.2	006.0000	0037.4	098.9	34.32
062.0	005.5955	0269.5	043.0	176.9	006.0000	0037.7	099.5	34.20
063.0	005.5955	0271.2	043.1	176.7	006.0000	0038.4	100.2	34.10
064.0	005.5955	0272.3	043.2	176.5	006.0000	0039.5	100.8	34.02
065.0	005.5955	0272.5	043.2	176.3	006.0000	0040.6	101.5	33.93
066.0	005.5955	0273.0	043.2	176.2	006.0000	0042.0	102.2	33.85
067.0	005.5955	0274.3	043.3	176.0	006.0000	0043.6	102.9	33.79
068.0	005.5955	0275.5	043.4	175.8	006.0000	0045.2	103.6	33.72
069.0	005.5955	0275.9	043.4	175.7	006.0000	0046.4	104.3	33.64
070.0	005.5955	0275.2	043.3	175.6	006.0000	0047.2	105.1	33.53
071.0	005.5837	0273.2	043.2	175.6	006.0000	0047.4	105.8	33.40
072.0	005.5720	0269.3	042.9	175.6	006.0000	0047.1	106.6	33.24
073.0	005.5602	0266.3	042.7	175.6	006.0000	0047.0	107.4	33.09
074.0	005.5485	0263.8	042.6	175.6	006.0000	0046.9	108.1	32.94
075.0	005.5368	0262.2	042.4	175.6	006.0000	0047.0	108.9	32.81

Vermont Public Radio
Brattleboro 205 v WHMT-FM

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WMHT-FM CH 206 B BLED1213
11.0 kW, 517 M COR
Prot. = 60 dBu
Intef. = 54 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WMHT-FM

BLED1213

Channel = 206B

Max ERP = 11 kW

RCAMSL = 517 M

N. Lat. 42 38 13.0

W. Lng. 74 00 06.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
200.0	006.0000	-0000.3	015.8	086.1	011.0000	0437.3	109.9	47.67
201.0	006.0000	0005.1	015.8	086.1	011.0000	0437.1	109.6	47.73
202.0	006.0000	0013.0	015.8	086.0	011.0000	0437.0	109.4	47.79
203.0	006.0000	0022.6	015.8	086.0	011.0000	0436.8	109.2	47.85
204.0	006.0000	0032.5	016.4	086.2	011.0000	0437.4	108.6	48.01
205.0	006.0000	0039.0	018.0	086.9	011.0000	0439.3	107.6	48.33
206.0	006.0000	0037.4	017.6	086.6	011.0000	0438.6	107.5	48.34
207.0	006.0000	0030.1	015.8	085.7	011.0000	0436.4	108.2	48.10
208.0	006.0000	0021.6	015.8	085.6	011.0000	0436.3	107.9	48.15
209.0	006.0000	0021.4	015.8	085.5	011.0000	0436.2	107.7	48.21
210.0	006.0000	0026.6	015.8	085.4	011.0000	0436.1	107.5	48.27
211.0	006.0000	0031.1	016.0	085.5	011.0000	0436.1	107.1	48.37
212.0	006.0000	0039.7	018.2	086.4	011.0000	0437.9	105.6	48.82
213.0	006.0000	0038.3	017.9	086.1	011.0000	0437.2	105.6	48.82
214.0	006.0000	0030.4	015.8	085.1	011.0000	0435.9	106.5	48.52
215.0	006.0000	0024.2	015.8	085.0	011.0000	0435.9	106.4	48.56
216.0	006.0000	0016.8	015.8	084.9	011.0000	0435.9	106.2	48.62
217.0	006.0000	0012.2	015.8	084.8	011.0000	0436.0	106.0	48.68
218.0	006.0000	0004.8	015.8	084.7	011.0000	0436.1	105.8	48.74
219.0	006.0000	-0002.1	015.8	084.6	011.0000	0436.1	105.6	48.79
220.0	006.0000	-0007.2	015.8	084.5	011.0000	0436.2	105.4	48.85
221.0	006.0000	-0009.5	015.8	084.4	011.0000	0436.3	105.2	48.90
222.0	006.0000	-0013.4	015.8	084.3	011.0000	0436.4	105.0	48.96
223.0	006.0000	-0022.3	015.8	084.2	011.0000	0436.5	104.8	49.01
224.0	006.0000	-0027.6	015.8	084.1	011.0000	0436.6	104.6	49.06
225.0	006.0000	-0034.0	015.8	084.0	011.0000	0436.6	104.4	49.11
226.0	006.0000	-0039.6	015.8	083.8	011.0000	0436.7	104.2	49.16
227.0	006.0000	-0041.8	015.8	083.7	011.0000	0436.8	104.1	49.21
228.0	006.0000	-0043.5	015.8	083.6	011.0000	0436.9	103.9	49.26
229.0	006.0000	-0045.2	015.8	083.5	011.0000	0436.9	103.8	49.31
230.0	006.0000	-0047.1	015.8	083.3	011.0000	0437.0	103.6	49.35
231.0	006.0000	-0047.7	015.8	083.2	011.0000	0437.2	103.4	49.40
232.0	006.0000	-0050.7	015.8	083.1	011.0000	0437.3	103.3	49.45
233.0	006.0000	-0058.0	015.8	083.0	011.0000	0437.5	103.2	49.49
234.0	006.0000	-0066.7	015.8	082.8	011.0000	0437.7	103.0	49.53
235.0	006.0000	-0075.3	015.8	082.7	011.0000	0437.7	102.9	49.57
236.0	006.0000	-0080.8	015.8	082.6	011.0000	0437.8	102.8	49.61

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
237.0	006.0000	-0083.4	015.8	082.4	011.0000	0437.8	102.6	49.65
238.0	006.0000	-0086.1	015.8	082.3	011.0000	0437.9	102.5	49.68
239.0	006.0000	-0089.1	015.8	082.1	011.0000	0437.9	102.4	49.72
240.0	006.0000	-0091.9	015.8	082.0	011.0000	0438.0	102.3	49.75
241.0	006.0000	-0092.3	015.8	081.9	011.0000	0438.0	102.2	49.78
242.0	006.0000	-0090.0	015.8	081.7	011.0000	0438.1	102.1	49.81
243.0	006.0000	-0091.3	015.8	081.6	011.0000	0438.1	102.0	49.83
244.0	006.0000	-0095.5	015.8	081.4	011.0000	0438.1	101.9	49.86
245.0	006.0000	-0099.9	015.8	081.3	011.0000	0438.2	101.8	49.89
246.0	006.0000	-0102.8	015.8	081.1	011.0000	0438.3	101.7	49.91
247.0	006.0000	-0103.2	015.8	081.0	011.0000	0438.4	101.7	49.93
248.0	006.0000	-0101.8	015.8	080.8	011.0000	0438.5	101.6	49.96
249.0	006.0000	-0101.1	015.8	080.7	011.0000	0438.6	101.5	49.98
250.0	006.0000	-0101.3	015.8	080.5	011.0000	0438.7	101.5	50.00
251.0	006.0000	-0101.6	015.8	080.4	011.0000	0438.9	101.4	50.02
252.0	006.0000	-0101.7	015.8	080.2	011.0000	0439.0	101.4	50.03
253.0	006.0000	-0101.7	015.8	080.1	011.0000	0439.0	101.3	50.05
254.0	006.0000	-0104.3	015.8	079.9	011.0000	0439.1	101.3	50.06
255.0	006.0000	-0107.0	015.8	079.7	011.0000	0439.0	101.3	50.06
256.0	006.0000	-0113.1	015.8	079.6	011.0000	0439.0	101.2	50.07
257.0	006.0000	-0120.7	015.8	079.4	011.0000	0438.9	101.2	50.07
258.0	006.0000	-0129.2	015.8	079.3	011.0000	0438.8	101.2	50.08
259.0	006.0000	-0134.2	015.8	079.1	011.0000	0438.7	101.2	50.08
260.0	006.0000	-0135.5	015.8	079.0	011.0000	0438.7	101.2	50.07
261.0	006.0000	-0134.7	015.8	078.8	011.0000	0438.6	101.2	50.07
262.0	006.0000	-0134.0	015.8	078.7	011.0000	0438.4	101.2	50.06
263.0	006.0000	-0134.6	015.8	078.5	011.0000	0438.3	101.2	50.06
264.0	006.0000	-0135.3	015.8	078.3	011.0000	0438.2	101.2	50.05
265.0	006.0000	-0135.9	015.8	078.2	011.0000	0438.1	101.3	50.03
266.0	006.0000	-0137.0	015.8	078.0	011.0000	0438.0	101.3	50.02
267.0	006.0000	-0140.6	015.8	077.9	011.0000	0437.9	101.3	50.01
268.0	006.0000	-0143.7	015.8	077.7	011.0000	0437.8	101.4	50.00
269.0	006.0000	-0145.0	015.8	077.6	011.0000	0437.8	101.4	49.98
270.0	006.0000	-0146.7	015.8	077.4	011.0000	0437.7	101.5	49.96
271.0	006.0000	-0148.9	015.8	077.3	011.0000	0437.6	101.5	49.95
272.0	006.0000	-0152.7	015.8	077.1	011.0000	0437.5	101.6	49.92
273.0	006.0000	-0156.5	015.8	077.0	011.0000	0437.3	101.7	49.90
274.0	006.0000	-0158.8	015.8	076.8	011.0000	0437.1	101.7	49.87
275.0	006.0000	-0160.8	015.8	076.7	011.0000	0436.9	101.8	49.84
276.0	006.0000	-0163.9	015.8	076.5	011.0000	0436.7	101.9	49.81
277.0	006.0000	-0168.3	015.8	076.4	011.0000	0436.5	102.0	49.78
278.0	006.0000	-0172.5	015.8	076.2	011.0000	0436.3	102.1	49.75
279.0	006.0000	-0177.2	015.8	076.1	011.0000	0436.3	102.2	49.72
280.0	006.0000	-0182.0	015.8	075.9	011.0000	0436.2	102.3	49.69
281.0	006.0000	-0184.7	015.8	075.8	011.0000	0436.2	102.4	49.66
282.0	006.0000	-0185.0	015.8	075.7	011.0000	0436.2	102.5	49.63
283.0	006.0000	-0186.1	015.8	075.5	011.0000	0436.3	102.7	49.59
284.0	006.0000	-0187.3	015.8	075.4	011.0000	0436.3	102.8	49.56
285.0	006.0000	-0188.7	015.8	075.2	011.0000	0436.4	102.9	49.53
286.0	006.0000	-0187.5	015.8	075.1	011.0000	0436.4	103.0	49.49
287.0	006.0000	-0181.6	015.8	075.0	011.0000	0436.5	103.2	49.45

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
288.0	006.0000	-0173.2	015.8	074.9	011.0000	0436.5	103.3	49.41
289.0	006.0000	-0166.4	015.8	074.7	011.0000	0436.6	103.5	49.38
290.0	006.0000	-0162.7	015.8	074.6	011.0000	0436.7	103.6	49.33
291.0	006.0000	-0160.8	015.8	074.5	011.0000	0436.7	103.8	49.29
292.0	006.0000	-0155.0	015.8	074.3	011.0000	0436.8	103.9	49.25
293.0	006.0000	-0148.6	015.8	074.2	011.0000	0436.9	104.1	49.21
294.0	006.0000	-0143.7	015.8	074.1	011.0000	0436.9	104.3	49.16
295.0	006.0000	-0139.5	015.8	074.0	011.0000	0437.0	104.5	49.12
296.0	006.0000	-0134.2	015.8	073.9	011.0000	0437.0	104.6	49.07
297.0	006.0000	-0124.8	015.8	073.8	011.0000	0437.1	104.8	49.02
298.0	006.0000	-0115.9	015.8	073.7	011.0000	0437.2	105.0	48.97
299.0	006.0000	-0108.9	015.8	073.5	011.0000	0437.3	105.2	48.92
300.0	006.0000	-0101.9	015.8	073.4	011.0000	0437.4	105.4	48.87
301.0	006.0000	-0092.2	015.8	073.3	011.0000	0437.5	105.6	48.82
302.0	006.0000	-0084.1	015.8	073.2	011.0000	0437.6	105.8	48.77
303.0	006.0000	-0084.0	015.8	073.1	011.0000	0437.7	106.0	48.72
304.0	006.0000	-0081.8	015.8	073.0	011.0000	0437.9	106.2	48.67
305.0	006.0000	-0078.1	015.8	072.9	011.0000	0438.0	106.4	48.61
306.0	006.0000	-0074.4	015.8	072.9	011.0000	0438.1	106.6	48.56
307.0	006.0000	-0074.8	015.8	072.8	011.0000	0438.2	106.8	48.50
308.0	006.0000	-0074.4	015.8	072.7	011.0000	0438.3	107.1	48.45
309.0	006.0000	-0072.0	015.8	072.6	011.0000	0438.4	107.3	48.39
310.0	006.0000	-0069.8	015.8	072.5	011.0000	0438.5	107.5	48.33
311.0	006.0000	-0068.7	015.8	072.4	011.0000	0438.5	107.8	48.27
312.0	006.0000	-0066.3	015.8	072.4	011.0000	0438.6	108.0	48.21
313.0	006.0000	-0058.6	015.8	072.3	011.0000	0438.6	108.2	48.15
314.0	006.0000	-0047.2	015.8	072.2	011.0000	0438.6	108.5	48.08
315.0	006.0000	-0040.1	015.8	072.1	011.0000	0438.6	108.7	48.02
316.0	006.0000	-0043.5	015.8	072.1	011.0000	0438.7	108.9	47.96
317.0	006.0000	-0051.5	015.8	072.0	011.0000	0438.6	109.2	47.89
318.0	006.0000	-0054.3	015.8	071.9	011.0000	0438.6	109.4	47.83
319.0	006.0000	-0055.9	015.8	071.9	011.0000	0438.6	109.7	47.76
320.0	006.0000	-0051.1	015.8	071.8	011.0000	0438.6	109.9	47.69

10-14-2007 USGS 03 SEC Terrain Data

WMHT-FM BLED1213
 Channel = 206B
 Max ERP = 11 kW
 RCAMSL = 517 M
 N. Lat. 42 38 13.0
 W. Lng. 74 00 06.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
019.0	011.0000	0416.1	058.1	289.8	006.0000	-0163.0	101.4	33.49
020.0	011.0000	0415.9	058.1	289.8	006.0000	-0163.0	100.3	33.71
021.0	011.0000	0415.6	058.0	289.8	006.0000	-0163.1	099.3	33.91
022.0	011.0000	0415.2	058.0	289.7	006.0000	-0163.2	098.3	34.11
023.0	011.0000	0415.0	058.0	289.7	006.0000	-0163.3	097.3	34.31
024.0	011.0000	0415.4	058.0	289.7	006.0000	-0163.4	096.3	34.51
025.0	011.0000	0415.8	058.1	289.6	006.0000	-0163.5	095.3	34.72
026.0	011.0000	0415.9	058.1	289.5	006.0000	-0163.7	094.3	34.92
027.0	011.0000	0416.1	058.1	289.5	006.0000	-0164.0	093.3	35.13
028.0	011.0000	0416.2	058.1	289.4	006.0000	-0164.4	092.3	35.33
029.0	011.0000	0416.3	058.1	289.3	006.0000	-0164.9	091.3	35.53
030.0	011.0000	0416.6	058.1	289.2	006.0000	-0165.5	090.3	35.74
031.0	011.0000	0416.9	058.1	289.0	006.0000	-0166.2	089.3	35.94
032.0	011.0000	0417.2	058.1	288.9	006.0000	-0167.1	088.3	36.15
033.0	011.0000	0417.9	058.2	288.7	006.0000	-0168.0	087.3	36.35
034.0	011.0000	0419.0	058.2	288.6	006.0000	-0168.9	086.3	36.56
035.0	011.0000	0420.0	058.3	288.4	006.0000	-0169.9	085.3	36.76
036.0	011.0000	0420.9	058.3	288.3	006.0000	-0171.2	084.4	36.96
037.0	011.0000	0421.2	058.4	288.0	006.0000	-0172.9	083.4	37.16
038.0	011.0000	0420.6	058.3	287.8	006.0000	-0175.1	082.4	37.35
039.0	011.0000	0419.9	058.3	287.5	006.0000	-0177.6	081.5	37.54
040.0	011.0000	0419.9	058.3	287.2	006.0000	-0180.1	080.6	37.73
041.0	011.0000	0420.2	058.3	286.9	006.0000	-0182.2	079.7	37.91
042.0	011.0000	0420.5	058.3	286.6	006.0000	-0184.3	078.7	38.09
043.0	011.0000	0420.5	058.3	286.3	006.0000	-0186.3	077.8	38.27
044.0	011.0000	0420.8	058.3	285.9	006.0000	-0187.6	076.9	38.44
045.0	011.0000	0421.3	058.4	285.6	006.0000	-0188.1	076.0	38.60
046.0	011.0000	0421.3	058.4	285.2	006.0000	-0188.6	075.1	38.77
047.0	011.0000	0420.8	058.3	284.7	006.0000	-0188.3	074.3	38.92
048.0	011.0000	0419.7	058.3	284.3	006.0000	-0187.6	073.5	39.07
049.0	011.0000	0417.8	058.2	283.7	006.0000	-0187.2	072.7	39.21
050.0	011.0000	0416.9	058.1	283.2	006.0000	-0186.6	071.9	39.35
051.0	011.0000	0417.0	058.1	282.7	006.0000	-0185.6	071.1	39.49
052.0	011.0000	0417.4	058.1	282.2	006.0000	-0185.1	070.4	39.63

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
053.0	011.0000	0418.2	058.2	281.7	006.0000	-0185.1	069.6	39.77
054.0	011.0000	0419.1	058.2	281.1	006.0000	-0184.8	068.8	39.91
055.0	011.0000	0420.1	058.3	280.6	006.0000	-0183.9	068.0	40.05
056.0	011.0000	0420.8	058.3	280.0	006.0000	-0182.0	067.3	40.19
057.0	011.0000	0421.2	058.4	279.3	006.0000	-0178.9	066.6	40.31
058.0	011.0000	0421.6	058.4	278.7	006.0000	-0175.6	065.9	40.44
059.0	011.0000	0422.2	058.4	278.0	006.0000	-0172.6	065.2	40.56
060.0	011.0000	0423.0	058.5	277.3	006.0000	-0169.8	064.6	40.69
061.0	011.0000	0423.9	058.5	276.6	006.0000	-0166.5	063.9	40.81
062.0	011.0000	0425.2	058.6	275.9	006.0000	-0163.5	063.3	40.93
063.0	011.0000	0426.3	058.6	275.1	006.0000	-0161.1	062.7	41.04
064.0	011.0000	0427.3	058.7	274.3	006.0000	-0159.2	062.1	41.16
065.0	011.0000	0428.6	058.8	273.5	006.0000	-0158.2	061.6	41.27
066.0	011.0000	0429.9	058.9	272.7	006.0000	-0155.6	061.1	41.37
067.0	011.0000	0431.7	059.0	271.9	006.0000	-0152.2	060.5	41.48
068.0	011.0000	0433.4	059.1	271.0	006.0000	-0149.0	060.0	41.58
069.0	011.0000	0435.0	059.1	270.1	006.0000	-0146.9	059.6	41.68
070.0	011.0000	0436.6	059.2	269.2	006.0000	-0145.3	059.1	41.76
071.0	011.0000	0437.9	059.3	268.3	006.0000	-0144.3	058.8	41.84
072.0	011.0000	0438.6	059.4	267.3	006.0000	-0141.8	058.4	41.91
073.0	011.0000	0437.9	059.3	266.3	006.0000	-0137.8	058.2	41.95
074.0	011.0000	0437.0	059.3	265.3	006.0000	-0136.0	058.1	41.99
075.0	011.0000	0436.5	059.2	264.3	006.0000	-0135.5	057.9	42.02
076.0	011.0000	0436.2	059.2	263.3	006.0000	-0134.8	057.8	42.04
077.0	011.0000	0437.4	059.3	262.2	006.0000	-0134.0	057.7	42.08
078.0	011.0000	0437.9	059.3	261.2	006.0000	-0134.3	057.6	42.10
079.0	011.0000	0438.7	059.4	260.2	006.0000	-0135.6	057.5	42.11
080.0	011.0000	0439.1	059.4	259.1	006.0000	-0134.7	057.5	42.11
081.0	011.0000	0438.4	059.3	258.1	006.0000	-0130.0	057.6	42.10
082.0	011.0000	0438.0	059.3	257.1	006.0000	-0121.4	057.7	42.07
083.0	011.0000	0437.5	059.3	256.1	006.0000	-0113.6	057.8	42.04
084.0	011.0000	0436.6	059.2	255.1	006.0000	-0107.2	058.0	42.00
085.0	011.0000	0435.9	059.2	254.1	006.0000	-0104.5	058.2	41.95
086.0	011.0000	0436.9	059.3	253.1	006.0000	-0101.7	058.4	41.92
087.0	011.0000	0439.5	059.4	252.0	006.0000	-0101.7	058.5	41.89
088.0	011.0000	0440.0	059.4	251.1	006.0000	-0101.6	058.8	41.84
089.0	011.0000	0436.5	059.2	250.2	006.0000	-0101.3	059.3	41.73
090.0	011.0000	0434.4	059.1	249.3	006.0000	-0101.0	059.8	41.63
091.0	011.0000	0433.7	059.1	248.4	006.0000	-0101.6	060.2	41.54
092.0	011.0000	0432.4	059.0	247.5	006.0000	-0102.4	060.7	41.44
093.0	011.0000	0430.4	058.9	246.7	006.0000	-0103.3	061.3	41.33
094.0	011.0000	0429.6	058.8	245.9	006.0000	-0102.6	061.8	41.23
095.0	011.0000	0429.7	058.8	245.0	006.0000	-0100.0	062.3	41.13
096.0	011.0000	0430.0	058.9	244.2	006.0000	-0096.3	062.8	41.03
097.0	011.0000	0430.2	058.9	243.4	006.0000	-0093.1	063.4	40.92
098.0	011.0000	0430.2	058.9	242.7	006.0000	-0090.0	064.0	40.81
099.0	011.0000	0430.5	058.9	241.9	006.0000	-0090.1	064.6	40.69
100.0	011.0000	0430.8	058.9	241.2	006.0000	-0092.0	065.2	40.57
101.0	011.0000	0430.8	058.9	240.5	006.0000	-0092.4	065.9	40.45
102.0	011.0000	0430.6	058.9	239.9	006.0000	-0091.6	066.5	40.32
103.0	011.0000	0430.4	058.9	239.2	006.0000	-0089.8	067.3	40.19

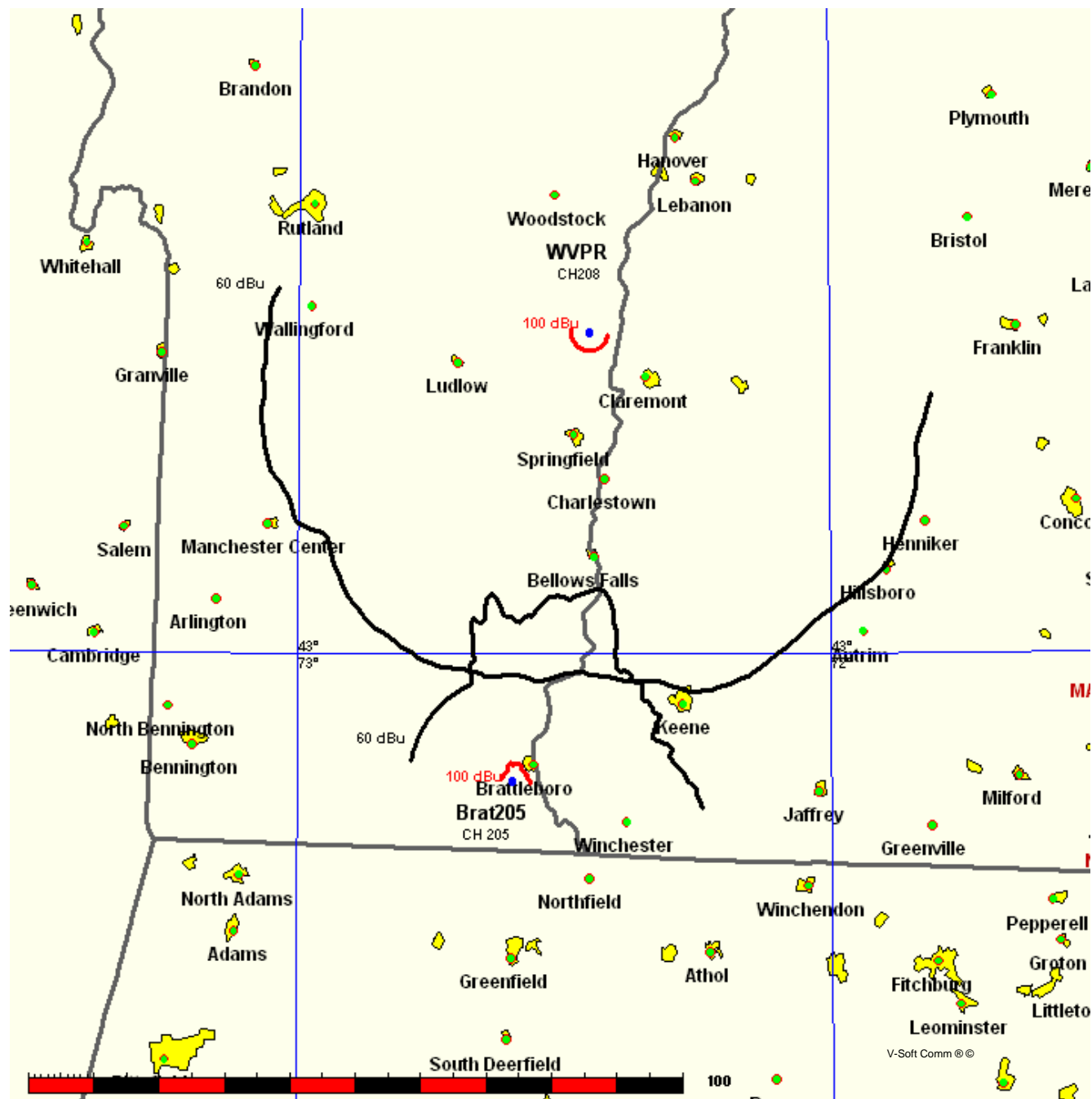
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
104.0	011.0000	0430.0	058.9	238.6	006.0000	-0087.8	068.0	40.05
105.0	011.0000	0429.5	058.8	238.0	006.0000	-0086.2	068.8	39.92
106.0	011.0000	0429.0	058.8	237.5	006.0000	-0084.5	069.6	39.77
107.0	011.0000	0428.3	058.8	237.0	006.0000	-0083.4	070.4	39.63
108.0	011.0000	0427.4	058.7	236.5	006.0000	-0082.3	071.2	39.48
109.0	011.0000	0426.5	058.7	236.0	006.0000	-0080.9	072.1	39.33
110.0	011.0000	0425.5	058.6	235.6	006.0000	-0079.0	072.9	39.17
111.0	011.0000	0423.3	058.5	235.2	006.0000	-0077.0	073.8	39.00
112.0	011.0000	0420.7	058.3	234.9	006.0000	-0074.4	074.8	38.83
113.0	011.0000	0418.9	058.2	234.6	006.0000	-0071.7	075.7	38.66
114.0	011.0000	0417.5	058.2	234.2	006.0000	-0068.8	076.6	38.49
115.0	011.0000	0415.8	058.1	233.9	006.0000	-0065.9	077.6	38.31
116.0	011.0000	0414.2	058.0	233.6	006.0000	-0063.4	078.5	38.13
117.0	011.0000	0412.5	057.9	233.4	006.0000	-0061.0	079.5	37.95
118.0	011.0000	0410.0	057.7	233.1	006.0000	-0059.2	080.4	37.76
119.0	011.0000	0407.6	057.6	232.9	006.0000	-0057.5	081.4	37.56
120.0	011.0000	0405.9	057.5	232.7	006.0000	-0055.7	082.4	37.36
121.0	011.0000	0404.1	057.4	232.5	006.0000	-0054.2	083.3	37.17
122.0	011.0000	0402.6	057.3	232.4	006.0000	-0052.9	084.3	36.97
123.0	011.0000	0400.9	057.2	232.2	006.0000	-0051.8	085.3	36.77
124.0	011.0000	0398.7	057.1	232.1	006.0000	-0051.1	086.3	36.56
125.0	011.0000	0394.4	056.9	232.0	006.0000	-0050.8	087.3	36.35
126.0	011.0000	0387.8	056.5	232.1	006.0000	-0051.2	088.4	36.13
127.0	011.0000	0382.3	056.2	232.1	006.0000	-0051.3	089.4	35.92
128.0	011.0000	0378.8	056.0	232.1	006.0000	-0051.2	090.4	35.71
129.0	011.0000	0378.0	055.9	232.0	006.0000	-0050.6	091.4	35.52
130.0	011.0000	0377.2	055.9	231.9	006.0000	-0050.2	092.3	35.32
131.0	011.0000	0377.4	055.9	231.8	006.0000	-0049.7	093.3	35.12
132.0	011.0000	0378.8	056.0	231.6	006.0000	-0049.2	094.3	34.93
133.0	011.0000	0380.5	056.1	231.5	006.0000	-0048.8	095.2	34.73
134.0	011.0000	0384.8	056.3	231.3	006.0000	-0048.2	096.2	34.54
135.0	011.0000	0388.6	056.5	231.1	006.0000	-0047.9	097.1	34.35
136.0	011.0000	0388.3	056.5	231.0	006.0000	-0047.8	098.1	34.15
137.0	011.0000	0384.7	056.3	231.1	006.0000	-0047.9	099.1	33.95
138.0	011.0000	0381.0	056.1	231.2	006.0000	-0048.1	100.1	33.75
139.0	011.0000	0375.2	055.8	231.4	006.0000	-0048.5	101.1	33.55

Vermont Public Radio
Brattleboro 205 v WVPR (Lic)

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

WVPR CH 208 B BLED19910212KB
1.8 kW, 965 M COR
Prot. = 60 dBu
Intef. = 100 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WVPR

BLED19910212KB

Channel = 208B

Max ERP = 1.8 kW

RCAMSL = 965 M

N. Lat. 43 26 17.0

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)
310.0	006.0000	-0069.8	015.8	202.6	001.8000	0732.5	062.3	60.04
311.0	006.0000	-0068.7	015.8	202.5	001.8000	0731.7	062.1	60.11
312.0	006.0000	-0066.3	015.8	202.4	001.8000	0730.7	061.8	60.19
313.0	006.0000	-0058.6	015.8	202.3	001.8000	0729.7	061.5	60.26
314.0	006.0000	-0047.2	015.8	202.2	001.8000	0728.7	061.3	60.34
315.0	006.0000	-0040.1	015.8	202.1	001.8000	0727.6	061.0	60.41
316.0	006.0000	-0043.5	015.8	202.0	001.8000	0726.6	060.8	60.49
317.0	006.0000	-0051.5	015.8	201.9	001.8000	0725.6	060.5	60.56
318.0	006.0000	-0054.3	015.8	201.8	001.8000	0724.8	060.3	60.64
319.0	006.0000	-0055.9	015.8	201.7	001.8000	0724.0	060.0	60.71
320.0	006.0000	-0051.1	015.8	201.6	001.8000	0723.3	059.8	60.79
321.0	006.0000	-0046.2	015.8	201.4	001.8000	0722.8	059.5	60.86
322.0	006.0000	-0048.0	015.8	201.3	001.8000	0722.3	059.3	60.94
323.0	006.0000	-0047.8	015.8	201.2	001.8000	0721.8	059.1	61.02
324.0	006.0000	-0041.6	015.8	201.0	001.8000	0721.2	058.8	61.09
325.0	006.0000	-0033.0	015.8	200.9	001.8000	0720.6	058.6	61.17
326.0	006.0000	-0027.7	015.8	200.7	001.8000	0720.0	058.4	61.24
327.0	006.0000	-0024.6	015.8	200.6	001.8000	0719.1	058.2	61.31
328.0	006.0000	-0019.8	015.8	200.4	001.8000	0718.1	057.9	61.37
329.0	006.0000	-0010.8	015.8	200.2	001.8000	0717.1	057.7	61.44
330.0	006.0000	0002.1	015.8	200.1	001.8000	0716.1	057.5	61.50
331.0	006.0000	0011.0	015.8	199.9	001.8000	0715.2	057.3	61.56
332.0	006.0000	0015.2	015.8	199.7	001.8000	0714.2	057.1	61.63
333.0	006.0000	0017.9	015.8	199.5	001.8000	0713.4	056.9	61.69
334.0	006.0000	0019.4	015.8	199.3	001.8000	0712.8	056.7	61.75
335.0	006.0000	0017.8	015.8	199.1	001.8000	0712.7	056.5	61.82
336.0	006.0000	0019.8	015.8	198.9	001.8000	0712.7	056.3	61.89
337.0	006.0000	0027.0	015.8	198.7	001.8000	0712.8	056.1	61.96
338.0	006.0000	0034.2	016.8	199.2	001.8000	0712.6	055.1	62.32
339.0	006.0000	0039.1	018.0	199.8	001.8000	0714.8	054.0	62.76
340.0	006.0000	0042.1	018.8	200.1	001.8000	0716.1	053.2	63.06
341.0	005.8119	0042.9	018.8	199.8	001.8000	0714.9	053.0	63.13
342.0	005.6268	0044.2	019.0	199.6	001.8000	0713.9	052.7	63.23
343.0	005.4447	0050.6	020.2	200.2	001.8000	0716.7	051.5	63.71
344.0	005.2656	0062.5	022.2	201.1	001.8000	0721.7	049.7	64.42
345.0	005.0894	0077.9	024.2	202.2	001.8000	0728.7	047.8	65.20
346.0	004.9163	0085.9	025.2	202.5	001.8000	0731.8	046.8	65.62

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
347.0	004.7462	0085.2	024.9	201.9	001.8000	0725.2	046.8	65.54
348.0	004.5791	0083.0	024.4	201.1	001.8000	0721.4	047.0	65.42
349.0	004.4149	0083.2	024.2	200.5	001.8000	0718.9	046.9	65.42
350.0	004.2538	0087.9	024.6	200.4	001.8000	0717.8	046.3	65.64
351.0	004.3657	0097.7	026.1	200.8	001.8000	0720.1	044.8	66.23
352.0	004.4790	0108.3	027.5	201.1	001.8000	0721.7	043.4	66.84
353.0	004.5938	0112.8	028.2	201.0	001.8000	0721.1	042.6	67.17
354.0	004.7100	0112.0	028.2	200.4	001.8000	0718.4	042.3	67.26
355.0	004.8277	0108.1	027.9	199.7	001.8000	0714.2	042.3	67.19
356.0	004.9468	0094.8	026.4	198.3	001.8000	0713.1	043.5	66.68
357.0	005.0674	0085.0	025.2	197.2	001.8000	0713.0	044.5	66.29
358.0	005.1894	0080.2	024.7	196.4	001.8000	0710.6	044.8	66.12
359.0	005.3129	0080.1	024.8	195.9	001.8000	0707.4	044.6	66.17
000.0	005.4378	0078.2	024.6	195.4	001.8000	0700.8	044.6	66.07
001.0	005.3359	0075.2	024.1	194.7	001.8000	0693.0	045.0	65.81
002.0	005.2350	0075.4	024.0	194.1	001.8000	0686.6	045.0	65.73
003.0	005.1350	0075.3	023.9	193.6	001.8000	0680.0	045.0	65.63
004.0	005.0359	0079.0	024.3	193.1	001.8000	0675.4	044.6	65.77
005.0	004.9379	0082.3	024.7	192.7	001.8000	0671.9	044.1	65.89
006.0	004.8408	0085.7	025.1	192.1	001.8000	0672.4	043.7	66.06
007.0	004.7446	0086.0	025.0	191.6	001.8000	0675.1	043.8	66.09
008.0	004.6495	0090.9	025.6	191.0	001.8000	0675.7	043.2	66.33
009.0	004.5553	0100.1	026.6	190.5	001.8000	0675.5	042.1	66.78
010.0	004.4620	0106.7	027.3	189.8	001.8000	0678.0	041.4	67.10
011.0	004.2612	0115.3	027.9	189.2	001.8000	0680.7	040.8	67.41
012.0	004.0694	0122.4	028.3	188.4	001.8000	0679.8	040.4	67.57
013.0	003.8863	0127.4	028.5	187.7	001.8000	0674.5	040.3	67.54
014.0	003.7114	0132.8	028.7	187.0	001.8000	0669.0	040.1	67.53
015.0	003.5443	0137.0	028.8	186.2	001.8000	0661.8	040.1	67.44
016.0	003.3848	0139.5	028.7	185.6	001.8000	0652.6	040.2	67.24
017.0	003.2325	0142.7	028.7	184.9	001.8000	0644.0	040.4	67.07
018.0	003.0870	0146.7	028.8	184.2	001.8000	0638.1	040.4	66.96
019.0	002.9480	0157.1	029.4	183.2	001.8000	0634.8	040.0	67.11
020.0	002.8154	0166.1	029.9	182.3	001.8000	0628.1	039.7	67.13
021.0	002.7907	0171.8	030.3	181.4	001.8000	0626.2	039.4	67.20
022.0	002.7662	0177.0	030.7	180.5	001.8000	0631.7	039.3	67.36
023.0	002.7419	0182.8	031.1	179.5	001.8000	0638.3	039.1	67.53
024.0	002.7176	0189.4	031.5	178.5	001.8000	0644.2	038.9	67.71
025.0	002.6934	0194.2	031.9	177.6	001.8000	0648.2	038.8	67.79
026.0	002.6693	0195.6	031.9	176.8	001.8000	0650.9	039.1	67.73
027.0	002.6454	0192.6	031.6	176.4	001.8000	0652.9	039.6	67.52
028.0	002.6215	0189.1	031.2	175.9	001.8000	0655.5	040.2	67.30
029.0	002.5978	0184.8	030.8	175.6	001.8000	0657.6	040.8	67.06
030.0	002.5741	0179.5	030.3	175.4	001.8000	0659.3	041.5	66.79
031.0	002.5373	0174.7	029.9	175.2	001.8000	0660.8	042.2	66.52
032.0	002.5008	0168.0	029.2	175.1	001.8000	0661.2	043.1	66.18
033.0	002.4645	0161.1	028.5	175.1	001.8000	0661.2	043.9	65.84
034.0	002.4285	0156.5	028.1	175.0	001.8000	0662.2	044.6	65.59
035.0	002.3928	0152.9	027.7	174.8	001.8000	0663.9	045.2	65.37
036.0	002.3573	0148.3	027.2	174.8	001.8000	0664.6	045.8	65.12
037.0	002.3221	0141.0	026.5	174.9	001.8000	0663.3	046.7	64.78

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
038.0	002.2871	0131.8	025.7	175.2	001.8000	0660.7	047.6	64.40
039.0	002.2524	0123.4	024.9	175.4	001.8000	0659.0	048.5	64.06
040.0	002.2180	0117.1	024.3	175.6	001.8000	0658.0	049.2	63.78
041.0	002.3027	0112.6	024.1	175.4	001.8000	0659.2	049.6	63.64
042.0	002.4112	0106.6	023.8	175.3	001.8000	0659.5	050.2	63.44
043.0	002.5248	0101.9	023.5	175.2	001.8000	0660.3	050.7	63.28
044.0	002.6438	0097.4	023.2	175.2	001.8000	0660.9	051.1	63.11
045.0	002.7684	0096.3	023.4	174.8	001.8000	0664.7	051.4	63.08
046.0	002.8989	0098.4	023.9	174.0	001.8000	0671.1	051.4	63.16
047.0	003.0355	0098.8	024.2	173.5	001.8000	0675.5	051.5	63.16
048.0	003.1786	0097.9	024.3	173.1	001.8000	0677.7	051.8	63.09
049.0	003.3284	0093.7	024.0	173.1	001.8000	0677.8	052.3	62.92
050.0	003.4852	0087.9	023.6	173.3	001.8000	0677.1	052.9	62.68
051.0	003.6495	0087.5	023.8	172.8	001.8000	0678.5	053.1	62.61
052.0	003.8215	0088.7	024.2	172.2	001.8000	0677.9	053.3	62.55
053.0	004.0016	0089.3	024.5	171.7	001.8000	0678.5	053.5	62.48
054.0	004.1902	0087.2	024.5	171.5	001.8000	0679.2	053.9	62.35
055.0	004.3877	0083.8	024.3	171.5	001.8000	0679.2	054.4	62.17
056.0	004.5945	0080.4	024.0	171.5	001.8000	0679.2	054.8	62.00
057.0	004.8110	0076.2	023.7	171.6	001.8000	0678.7	055.4	61.80
058.0	005.0377	0073.0	023.5	171.7	001.8000	0678.6	055.8	61.63
059.0	005.2751	0071.8	023.6	171.4	001.8000	0679.4	056.2	61.51
060.0	005.5237	0072.4	023.9	171.0	001.8000	0681.3	056.4	61.45
061.0	005.7841	0071.7	024.0	170.7	001.8000	0683.0	056.8	61.34
062.0	006.0000	0070.0	024.0	170.6	001.8000	0683.7	057.2	61.20
063.0	006.0000	0070.3	024.0	170.4	001.8000	0685.1	057.6	61.08
064.0	006.0000	0070.1	024.0	170.3	001.8000	0685.9	058.0	60.95
065.0	006.0000	0071.4	024.2	170.0	001.8000	0688.2	058.3	60.85
066.0	006.0000	0074.4	024.6	169.5	001.8000	0691.9	058.6	60.79
067.0	006.0000	0073.9	024.6	169.5	001.8000	0692.1	059.1	60.64
068.0	006.0000	0070.8	024.1	169.8	001.8000	0689.6	059.6	60.43
069.0	006.0000	0067.3	023.6	170.3	001.8000	0686.5	060.1	60.21
070.0	006.0000	0065.8	023.3	170.4	001.8000	0685.4	060.5	60.04

10-14-2007 USGS 03 SEC Terrain Data

WVPR BLED19910212KB
 Channel = 208B
 Max ERP = 1.8 kW
 RCAMSL = 965 M
 N. Lat. 43 26 17.0
 W. Lng. 72 27 08.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
130.0	001.8000	0809.6	057.1	060.6	005.6887	0072.2	063.8	44.52
131.0	001.8000	0802.4	056.9	060.7	005.7159	0072.0	062.7	44.85
132.0	001.8000	0796.0	056.7	060.9	005.7571	0071.9	061.7	45.17
133.0	001.8000	0790.2	056.6	061.1	005.7962	0071.6	060.7	45.47
134.0	001.8000	0786.2	056.5	061.2	005.8371	0071.2	059.7	45.78
135.0	001.8000	0781.6	056.3	061.4	005.8721	0070.9	058.7	46.09
136.0	001.8000	0776.6	056.2	061.5	005.9022	0070.6	057.8	46.41
137.0	001.8000	0769.1	056.0	061.6	005.9137	0070.5	056.7	46.74
138.0	001.8000	0763.2	055.8	061.7	005.9312	0070.3	055.8	47.07
139.0	001.8000	0756.7	055.6	061.7	005.9407	0070.3	054.8	47.40
140.0	001.8000	0753.9	055.5	061.9	005.9710	0070.1	053.8	47.73
141.0	001.8000	0754.2	055.5	062.1	006.0000	0069.9	052.9	48.05
142.0	001.8000	0755.5	055.6	062.3	006.0000	0069.8	051.9	48.36
143.0	001.8000	0759.0	055.7	062.7	006.0000	0069.9	051.0	48.68
144.0	001.8000	0765.0	055.9	063.0	006.0000	0070.3	050.1	49.04
145.0	001.8000	0770.1	056.0	063.4	006.0000	0070.4	049.1	49.36
146.0	001.8000	0772.7	056.1	063.6	006.0000	0070.2	048.2	49.66
147.0	001.8000	0775.3	056.2	063.9	006.0000	0070.2	047.2	49.97
148.0	001.8000	0778.6	056.3	064.2	006.0000	0070.1	046.2	50.30
149.0	001.8000	0782.1	056.4	064.4	006.0000	0070.3	045.3	50.65
150.0	001.8000	0786.6	056.5	064.7	006.0000	0070.7	044.3	51.04
151.0	001.8000	0793.1	056.7	065.0	006.0000	0071.5	043.3	51.48
152.0	001.8000	0799.9	056.9	065.4	006.0000	0072.6	042.4	51.96
153.0	001.8000	0805.5	057.0	065.7	006.0000	0073.7	041.4	52.46
154.0	001.8000	0811.3	057.2	066.0	006.0000	0074.3	040.4	52.91
155.0	001.8000	0813.6	057.2	066.1	006.0000	0074.5	039.4	53.33
156.0	001.8000	0814.1	057.2	066.2	006.0000	0074.6	038.4	53.74
157.0	001.8000	0813.6	057.2	066.1	006.0000	0074.6	037.4	54.16
158.0	001.8000	0815.5	057.3	066.2	006.0000	0074.6	036.4	54.58
159.0	001.8000	0813.3	057.2	066.0	006.0000	0074.5	035.4	54.99
160.0	001.8000	0808.9	057.1	065.8	006.0000	0073.9	034.4	55.36
161.0	001.8000	0807.1	057.1	065.5	006.0000	0073.2	033.4	55.71
162.0	001.8000	0802.9	056.9	065.2	006.0000	0071.9	032.4	56.00
163.0	001.8000	0795.9	056.7	064.6	006.0000	0070.5	031.5	56.29

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
164.0	001.8000	0785.3	056.4	063.8	006.0000	0070.2	030.6	56.71
165.0	001.8000	0767.5	055.9	062.4	006.0000	0069.8	029.7	57.13
166.0	001.8000	0746.5	055.3	060.8	005.7323	0072.0	028.9	57.64
167.0	001.8000	0725.5	054.7	059.0	005.2782	0071.8	028.2	57.70
168.0	001.8000	0708.4	054.1	057.3	004.8808	0074.9	027.4	58.18
169.0	001.8000	0695.8	053.7	055.8	004.5452	0081.2	026.7	59.06
170.0	001.8000	0688.4	053.5	054.4	004.2780	0085.4	026.0	59.77
171.0	001.8000	0681.1	053.2	053.0	004.0067	0089.3	025.2	60.39
172.0	001.8000	0677.8	053.1	051.8	003.7815	0088.3	024.5	60.58
173.0	001.8000	0678.0	053.1	050.6	003.5909	0087.5	023.7	60.84
174.0	001.8000	0671.5	052.9	048.9	003.3196	0094.1	023.0	61.67
175.0	001.8000	0662.3	052.6	046.9	003.0261	0098.8	022.5	62.14
176.0	001.8000	0655.2	052.3	044.9	002.7609	0096.3	021.9	61.91
177.0	001.8000	0650.2	052.1	043.0	002.5218	0102.1	021.4	62.49
178.0	001.8000	0646.7	052.0	041.0	002.3014	0112.7	020.8	63.42
179.0	001.8000	0641.1	051.8	038.7	002.2615	0125.5	020.4	64.60
180.0	001.8000	0635.8	051.6	036.4	002.3434	0145.6	020.0	66.41
181.0	001.8000	0627.4	051.3	033.8	002.4370	0157.2	019.7	67.52
182.0	001.8000	0626.7	051.3	031.5	002.5197	0171.8	019.3	68.86
183.0	001.8000	0633.1	051.5	029.4	002.5877	0182.6	018.6	70.01
184.0	001.8000	0637.5	051.7	027.1	002.6432	0192.3	018.1	70.97
185.0	001.8000	0645.6	052.0	024.7	002.6998	0193.1	017.5	71.60
186.0	001.8000	0658.8	052.4	022.3	002.7580	0178.7	016.8	71.63
187.0	001.8000	0669.2	052.8	019.6	002.8713	0163.6	016.2	71.48
188.0	001.8000	0676.8	053.1	016.5	003.3072	0141.4	015.8	71.05
189.0	001.8000	0680.9	053.2	013.2	003.8497	0128.5	015.5	71.06
190.0	001.8000	0677.3	053.1	009.8	004.4811	0105.4	015.6	69.96
191.0	001.8000	0675.7	053.0	006.4	004.7987	0086.0	015.7	68.38
192.0	001.8000	0673.0	052.9	003.2	005.1190	0075.7	015.9	67.38
193.0	001.8000	0674.3	053.0	359.9	005.4245	0078.6	016.0	67.84
194.0	001.8000	0685.1	053.3	356.4	004.9898	0090.9	015.9	68.84
195.0	001.8000	0696.9	053.7	352.7	004.5626	0112.3	015.9	70.37
196.0	001.8000	0707.9	054.1	349.1	004.3931	0083.6	016.0	67.54
197.0	001.8000	0712.7	054.3	345.9	004.9258	0086.0	016.3	68.00
198.0	001.8000	0713.3	054.3	343.2	005.4144	0052.1	016.8	63.78
199.0	001.8000	0712.7	054.3	340.7	005.8741	0042.6	017.4	61.72
200.0	001.8000	0715.8	054.4	338.1	006.0000	0034.9	017.9	59.58
201.0	001.8000	0721.1	054.5	335.6	006.0000	0018.2	018.4	57.90
202.0	001.8000	0726.3	054.7	333.3	006.0000	0017.8	019.0	57.42
203.0	001.8000	0737.4	055.0	330.7	006.0000	0008.7	019.5	56.99
204.0	001.8000	0745.8	055.3	328.4	006.0000	-0016.7	020.2	56.49
205.0	001.8000	0751.3	055.5	326.6	006.0000	-0025.8	020.9	55.93
206.0	001.8000	0756.1	055.6	325.0	006.0000	-0033.3	021.7	55.34
207.0	001.8000	0757.6	055.6	323.7	006.0000	-0044.2	022.5	54.71
208.0	001.8000	0756.6	055.6	322.7	006.0000	-0048.5	023.4	54.06
209.0	001.8000	0754.9	055.6	321.9	006.0000	-0047.5	024.3	53.42
210.0	001.8000	0754.1	055.5	321.1	006.0000	-0046.0	025.2	52.81
211.0	001.8000	0752.5	055.5	320.5	006.0000	-0048.0	026.1	52.21
212.0	001.8000	0749.4	055.4	320.0	006.0000	-0051.1	027.1	51.62
213.0	001.8000	0746.3	055.3	319.6	006.0000	-0054.4	028.0	51.07
214.0	001.8000	0743.6	055.2	319.2	006.0000	-0055.7	029.0	50.55

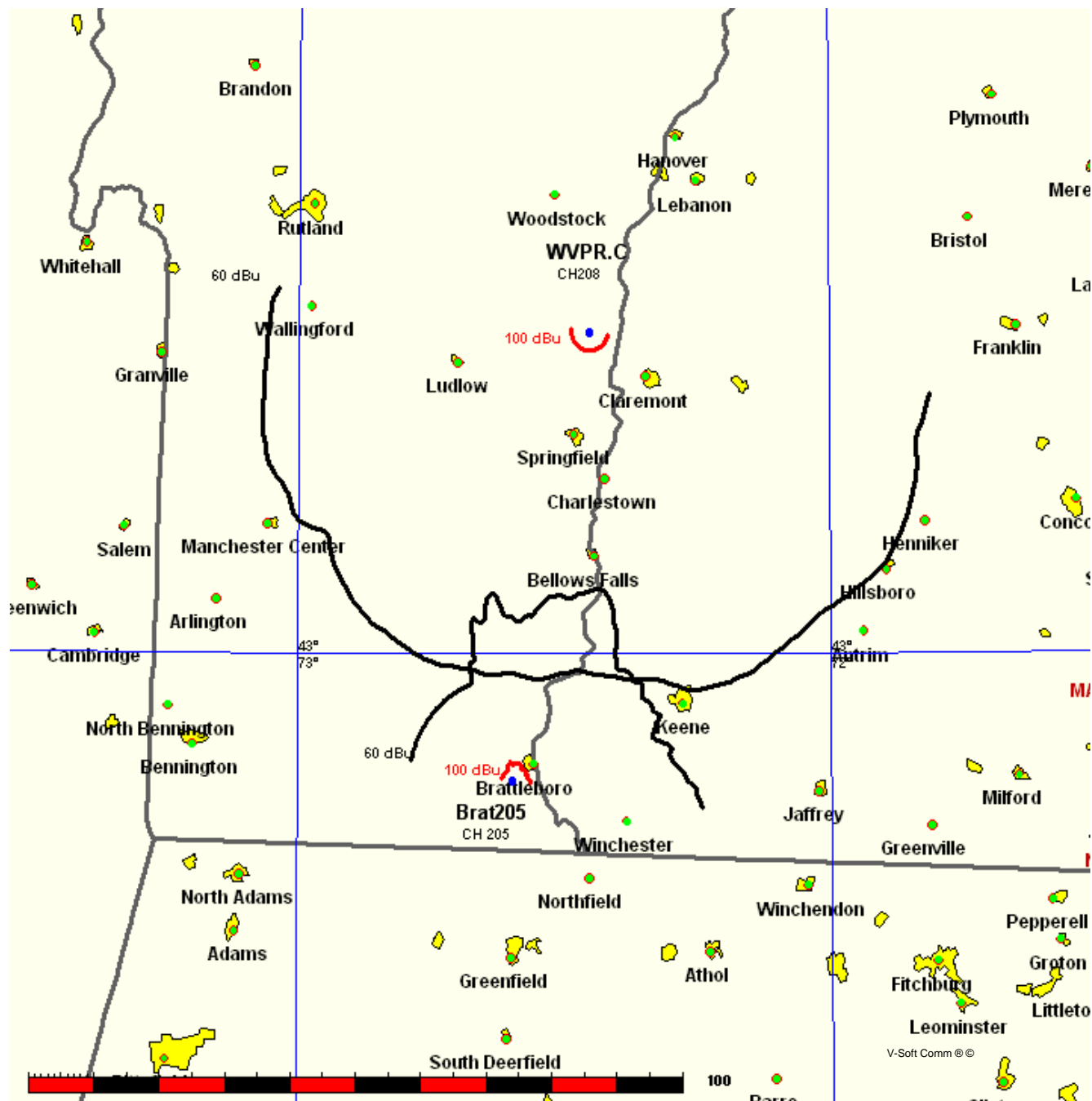
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
215.0	001.8000	0743.2	055.2	318.8	006.0000	-0055.8	029.9	50.07
216.0	001.8000	0745.7	055.3	318.3	006.0000	-0054.7	030.8	49.63
217.0	001.8000	0747.0	055.3	317.8	006.0000	-0054.3	031.8	49.23
218.0	001.8000	0743.4	055.2	317.7	006.0000	-0054.2	032.8	48.85
219.0	001.8000	0734.7	054.9	317.9	006.0000	-0054.3	033.7	48.48
220.0	001.8000	0727.8	054.7	318.1	006.0000	-0054.3	034.7	48.12
221.0	001.8000	0723.1	054.6	318.1	006.0000	-0054.4	035.7	47.77
222.0	001.8000	0718.0	054.4	318.2	006.0000	-0054.5	036.7	47.43
223.0	001.8000	0711.4	054.2	318.4	006.0000	-0054.9	037.6	47.09
224.0	001.8000	0700.6	053.9	318.8	006.0000	-0055.8	038.6	46.77
225.0	001.8000	0689.7	053.5	319.2	006.0000	-0055.8	039.5	46.46
226.0	001.8000	0678.7	053.1	319.6	006.0000	-0054.2	040.5	46.16
227.0	001.8000	0670.9	052.9	319.9	006.0000	-0051.6	041.4	45.87
228.0	001.8000	0661.6	052.5	320.3	006.0000	-0048.7	042.4	45.59
229.0	001.8000	0650.0	052.1	320.8	006.0000	-0046.6	043.3	45.33
230.0	001.8000	0636.9	051.7	321.4	006.0000	-0046.2	044.2	45.08
231.0	001.8000	0622.9	051.2	322.0	006.0000	-0048.2	045.1	44.84
232.0	001.8000	0608.1	050.6	322.7	006.0000	-0048.4	046.0	44.62
233.0	001.8000	0608.9	050.6	322.7	006.0000	-0048.5	046.9	44.40
234.0	001.8000	0622.6	051.1	322.1	006.0000	-0048.3	047.8	44.20
235.0	001.8000	0642.8	051.9	321.3	006.0000	-0046.0	048.7	44.00
236.0	001.8000	0660.6	052.5	320.7	006.0000	-0047.3	049.7	43.79
237.0	001.8000	0674.1	053.0	320.3	006.0000	-0049.2	050.7	43.58
238.0	001.8000	0675.3	053.0	320.3	006.0000	-0048.6	051.6	43.38
239.0	001.8000	0670.6	052.9	320.7	006.0000	-0047.3	052.5	43.18
240.0	001.8000	0662.4	052.6	321.1	006.0000	-0046.0	053.3	43.00
241.0	001.8000	0657.9	052.4	321.4	006.0000	-0046.3	054.2	42.81
242.0	001.8000	0655.1	052.3	321.7	006.0000	-0046.9	055.1	42.62
243.0	001.8000	0653.7	052.3	321.9	006.0000	-0047.7	056.0	42.43
244.0	001.8000	0656.2	052.4	322.0	006.0000	-0048.2	056.9	42.23
245.0	001.8000	0662.2	052.6	322.0	006.0000	-0048.2	057.8	42.03
246.0	001.8000	0668.4	052.8	322.1	006.0000	-0048.2	058.8	41.84
247.0	001.8000	0672.3	052.9	322.2	006.0000	-0048.5	059.7	41.65
248.0	001.8000	0672.5	052.9	322.4	006.0000	-0048.6	060.6	41.46
249.0	001.8000	0670.0	052.8	322.7	006.0000	-0048.5	061.5	41.29
250.0	001.8000	0666.7	052.7	323.1	006.0000	-0047.6	062.3	41.12

Vermont Public Radio
Brattleboro 205 v WVPR.C

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

WVPR-C CH 208 B BPED20040628AAF
1.7 kW, 975 M COR
Prot. = 60 dBu
Intef. = 100 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WVPR-C

BPED20040628AAF

Channel = 208B

Max ERP = 1.7 kW

RCAMSL = 975 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)
310.0	006.0000	-0069.8	015.8	202.6	001.7000	0741.4	062.3	59.92
311.0	006.0000	-0068.7	015.8	202.5	001.7000	0740.5	062.0	60.00
312.0	006.0000	-0066.3	015.8	202.4	001.7000	0739.6	061.7	60.07
313.0	006.0000	-0058.6	015.8	202.4	001.7000	0738.7	061.5	60.15
314.0	006.0000	-0047.2	015.8	202.3	001.7000	0737.7	061.2	60.22
315.0	006.0000	-0040.1	015.8	202.2	001.7000	0736.7	061.0	60.30
316.0	006.0000	-0043.5	015.8	202.1	001.7000	0735.8	060.7	60.37
317.0	006.0000	-0051.5	015.8	201.9	001.7000	0735.0	060.5	60.45
318.0	006.0000	-0054.3	015.8	201.8	001.7000	0734.2	060.2	60.53
319.0	006.0000	-0055.9	015.8	201.7	001.7000	0733.5	060.0	60.60
320.0	006.0000	-0051.1	015.8	201.6	001.7000	0733.0	059.7	60.68
321.0	006.0000	-0046.2	015.8	201.5	001.7000	0732.6	059.5	60.76
322.0	006.0000	-0048.0	015.8	201.3	001.7000	0732.1	059.3	60.84
323.0	006.0000	-0047.8	015.8	201.2	001.7000	0731.5	059.0	60.91
324.0	006.0000	-0041.6	015.8	201.0	001.7000	0731.0	058.8	60.99
325.0	006.0000	-0033.0	015.8	200.9	001.7000	0730.4	058.6	61.06
326.0	006.0000	-0027.7	015.8	200.7	001.7000	0729.8	058.3	61.13
327.0	006.0000	-0024.6	015.8	200.6	001.7000	0728.9	058.1	61.20
328.0	006.0000	-0019.8	015.8	200.4	001.7000	0728.0	057.9	61.27
329.0	006.0000	-0010.8	015.8	200.2	001.7000	0727.1	057.7	61.34
330.0	006.0000	0002.1	015.8	200.1	001.7000	0726.1	057.5	61.40
331.0	006.0000	0011.0	015.8	199.9	001.7000	0725.2	057.2	61.46
332.0	006.0000	0015.2	015.8	199.7	001.7000	0724.3	057.0	61.53
333.0	006.0000	0017.9	015.8	199.5	001.7000	0723.6	056.8	61.59
334.0	006.0000	0019.4	015.8	199.3	001.7000	0723.1	056.6	61.66
335.0	006.0000	0017.8	015.8	199.1	001.7000	0723.1	056.5	61.73
336.0	006.0000	0019.8	015.8	198.9	001.7000	0723.2	056.3	61.80
337.0	006.0000	0027.0	015.8	198.7	001.7000	0723.3	056.1	61.86
338.0	006.0000	0034.2	016.8	199.2	001.7000	0723.1	055.1	62.22
339.0	006.0000	0039.1	018.0	199.8	001.7000	0724.9	054.0	62.66
340.0	006.0000	0042.1	018.8	200.1	001.7000	0726.2	053.2	62.96
341.0	005.8119	0042.9	018.8	199.8	001.7000	0724.9	052.9	63.03
342.0	005.6268	0044.2	019.0	199.7	001.7000	0724.1	052.6	63.14
343.0	005.4447	0050.6	020.2	200.2	001.7000	0726.7	051.4	63.61
344.0	005.2656	0062.5	022.2	201.2	001.7000	0731.5	049.7	64.31
345.0	005.0894	0077.9	024.2	202.3	001.7000	0737.9	047.8	65.09
346.0	004.9163	0085.9	025.2	202.5	001.7000	0740.7	046.7	65.50

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
347.0	004.7462	0085.2	024.9	201.9	001.7000	0734.6	046.7	65.43
348.0	004.5791	0083.0	024.4	201.1	001.7000	0731.2	046.9	65.32
349.0	004.4149	0083.2	024.2	200.6	001.7000	0728.8	046.8	65.32
350.0	004.2538	0087.9	024.6	200.4	001.7000	0727.8	046.2	65.53
351.0	004.3657	0097.7	026.1	200.8	001.7000	0730.0	044.8	66.13
352.0	004.4790	0108.3	027.5	201.2	001.7000	0731.5	043.3	66.74
353.0	004.5938	0112.8	028.2	201.0	001.7000	0730.9	042.5	67.07
354.0	004.7100	0112.0	028.2	200.5	001.7000	0728.3	042.2	67.16
355.0	004.8277	0108.1	027.9	199.7	001.7000	0724.3	042.3	67.09
356.0	004.9468	0094.8	026.4	198.3	001.7000	0723.6	043.5	66.58
357.0	005.0674	0085.0	025.2	197.2	001.7000	0723.4	044.4	66.20
358.0	005.1894	0080.2	024.7	196.5	001.7000	0720.8	044.8	66.02
359.0	005.3129	0080.1	024.8	196.0	001.7000	0717.2	044.5	66.07
000.0	005.4378	0078.2	024.6	195.4	001.7000	0710.6	044.6	65.98
001.0	005.3359	0075.2	024.1	194.7	001.7000	0702.8	045.0	65.71
002.0	005.2350	0075.4	024.0	194.1	001.7000	0696.2	044.9	65.64
003.0	005.1350	0075.3	023.9	193.6	001.7000	0689.6	045.0	65.54
004.0	005.0359	0079.0	024.3	193.1	001.7000	0685.2	044.5	65.67
005.0	004.9379	0082.3	024.7	192.7	001.7000	0682.0	044.1	65.80
006.0	004.8408	0085.7	025.1	192.2	001.7000	0682.8	043.7	65.98
007.0	004.7446	0086.0	025.0	191.6	001.7000	0685.5	043.7	66.00
008.0	004.6495	0090.9	025.6	191.0	001.7000	0686.0	043.1	66.25
009.0	004.5553	0100.1	026.6	190.5	001.7000	0686.0	042.0	66.70
010.0	004.4620	0106.7	027.3	189.9	001.7000	0688.8	041.3	67.02
011.0	004.2612	0115.3	027.9	189.2	001.7000	0691.4	040.7	67.33
012.0	004.0694	0122.4	028.3	188.4	001.7000	0690.3	040.3	67.48
013.0	003.8863	0127.4	028.5	187.7	001.7000	0684.9	040.2	67.46
014.0	003.7114	0132.8	028.7	187.0	001.7000	0679.4	040.1	67.46
015.0	003.5443	0137.0	028.8	186.3	001.7000	0672.2	040.0	67.37
016.0	003.3848	0139.5	028.7	185.6	001.7000	0662.9	040.2	67.17
017.0	003.2325	0142.7	028.7	184.9	001.7000	0654.2	040.3	67.00
018.0	003.0870	0146.7	028.8	184.2	001.7000	0648.3	040.4	66.89
019.0	002.9480	0157.1	029.4	183.2	001.7000	0645.1	039.9	67.04
020.0	002.8154	0166.1	029.9	182.3	001.7000	0638.5	039.6	67.07
021.0	002.7907	0171.8	030.3	181.4	001.7000	0636.5	039.4	67.14
022.0	002.7662	0177.0	030.7	180.5	001.7000	0642.0	039.2	67.29
023.0	002.7419	0182.8	031.1	179.5	001.7000	0648.4	039.0	67.46
024.0	002.7176	0189.4	031.5	178.5	001.7000	0654.3	038.8	67.64
025.0	002.6934	0194.2	031.9	177.6	001.7000	0658.3	038.8	67.72
026.0	002.6693	0195.6	031.9	176.8	001.7000	0661.0	039.0	67.66
027.0	002.6454	0192.6	031.6	176.4	001.7000	0663.1	039.6	67.45
028.0	002.6215	0189.1	031.2	175.9	001.7000	0665.7	040.1	67.23
029.0	002.5978	0184.8	030.8	175.6	001.7000	0667.8	040.8	66.98
030.0	002.5741	0179.5	030.3	175.4	001.7000	0669.5	041.5	66.71
031.0	002.5373	0174.7	029.9	175.2	001.7000	0671.0	042.2	66.43
032.0	002.5008	0168.0	029.2	175.1	001.7000	0671.3	043.0	66.10
033.0	002.4645	0161.1	028.5	175.1	001.7000	0671.3	043.8	65.76
034.0	002.4285	0156.5	028.1	175.0	001.7000	0672.4	044.5	65.50
035.0	002.3928	0152.9	027.7	174.8	001.7000	0674.0	045.1	65.28
036.0	002.3573	0148.3	027.2	174.8	001.7000	0674.7	045.8	65.03
037.0	002.3221	0141.0	026.5	174.9	001.7000	0673.5	046.6	64.69

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
038.0	002.2871	0131.8	025.7	175.2	001.7000	0670.9	047.5	64.31
039.0	002.2524	0123.4	024.9	175.4	001.7000	0669.2	048.4	63.97
040.0	002.2180	0117.1	024.3	175.6	001.7000	0668.2	049.1	63.69
041.0	002.3027	0112.6	024.1	175.4	001.7000	0669.4	049.6	63.55
042.0	002.4112	0106.6	023.8	175.3	001.7000	0669.7	050.1	63.35
043.0	002.5248	0101.9	023.5	175.2	001.7000	0670.5	050.6	63.19
044.0	002.6438	0097.4	023.2	175.2	001.7000	0671.1	051.1	63.02
045.0	002.7684	0096.3	023.4	174.8	001.7000	0674.8	051.3	62.99
046.0	002.8989	0098.4	023.9	174.0	001.7000	0681.2	051.3	63.07
047.0	003.0355	0098.8	024.2	173.5	001.7000	0685.6	051.5	63.07
048.0	003.1786	0097.9	024.3	173.1	001.7000	0687.7	051.7	63.00
049.0	003.3284	0093.7	024.0	173.1	001.7000	0687.8	052.2	62.82
050.0	003.4852	0087.9	023.6	173.2	001.7000	0687.2	052.8	62.59
051.0	003.6495	0087.5	023.8	172.8	001.7000	0688.5	053.1	62.52
052.0	003.8215	0088.7	024.2	172.2	001.7000	0687.8	053.2	62.45
053.0	004.0016	0089.3	024.5	171.7	001.7000	0688.2	053.4	62.38
054.0	004.1902	0087.2	024.5	171.5	001.7000	0688.9	053.8	62.25
055.0	004.3877	0083.8	024.3	171.5	001.7000	0689.0	054.3	62.07
056.0	004.5945	0080.4	024.0	171.5	001.7000	0688.9	054.8	61.90
057.0	004.8110	0076.2	023.7	171.6	001.7000	0688.4	055.3	61.70
058.0	005.0377	0073.0	023.5	171.7	001.7000	0688.3	055.8	61.53
059.0	005.2751	0071.8	023.6	171.4	001.7000	0689.1	056.1	61.41
060.0	005.5237	0072.4	023.9	170.9	001.7000	0690.9	056.4	61.34
061.0	005.7841	0071.7	024.0	170.7	001.7000	0692.5	056.7	61.24
062.0	006.0000	0070.0	024.0	170.6	001.7000	0693.1	057.1	61.10
063.0	006.0000	0070.3	024.0	170.4	001.7000	0694.5	057.5	60.98
064.0	006.0000	0070.1	024.0	170.3	001.7000	0695.3	057.9	60.84
065.0	006.0000	0071.4	024.2	170.0	001.7000	0697.6	058.3	60.75
066.0	006.0000	0074.4	024.6	169.5	001.7000	0701.5	058.6	60.69
067.0	006.0000	0073.9	024.6	169.5	001.7000	0701.7	059.0	60.54
068.0	006.0000	0070.8	024.1	169.8	001.7000	0699.1	059.5	60.32
069.0	006.0000	0067.3	023.6	170.2	001.7000	0695.9	060.0	60.10
070.0	006.0000	0065.8	023.3	170.4	001.7000	0694.7	060.5	59.93

10-14-2007 USGS 03 SEC Terrain Data

WVPR-C BPED20040628AAF
 Channel = 208B
 Max ERP = 1.7 kW
 RCAMSL = 975 M
 N. Lat. 43 26 15.0
 W. Lng. 72 27 08.0
 Protected
 60 dBu

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
130.0	001.7000	0818.4	056.8	060.4	005.6322	0072.3	063.6	44.53
131.0	001.7000	0811.3	056.6	060.5	005.6592	0072.2	062.5	44.86
132.0	001.7000	0804.8	056.4	060.7	005.6991	0072.1	061.5	45.18
133.0	001.7000	0799.1	056.3	060.8	005.7405	0071.9	060.6	45.50
134.0	001.7000	0795.2	056.2	061.0	005.7893	0071.6	059.6	45.82
135.0	001.7000	0790.7	056.0	061.2	005.8246	0071.3	058.6	46.13
136.0	001.7000	0785.0	055.9	061.3	005.8497	0071.1	057.6	46.45
137.0	001.7000	0777.2	055.7	061.3	005.8586	0071.0	056.6	46.78
138.0	001.7000	0771.3	055.5	061.4	005.8754	0070.8	055.7	47.10
139.0	001.7000	0764.9	055.3	061.5	005.8851	0070.7	054.7	47.43
140.0	001.7000	0762.7	055.2	061.6	005.9187	0070.4	053.7	47.75
141.0	001.7000	0763.4	055.3	061.9	005.9686	0070.1	052.8	48.07
142.0	001.7000	0765.0	055.3	062.1	006.0000	0069.9	051.8	48.39
143.0	001.7000	0769.1	055.4	062.4	006.0000	0069.8	050.9	48.70
144.0	001.7000	0775.2	055.6	062.8	006.0000	0070.1	050.0	49.04
145.0	001.7000	0780.0	055.7	063.1	006.0000	0070.4	049.0	49.38
146.0	001.7000	0782.2	055.8	063.4	006.0000	0070.4	048.1	49.69
147.0	001.7000	0785.0	055.9	063.6	006.0000	0070.2	047.1	50.00
148.0	001.7000	0788.3	056.0	063.9	006.0000	0070.2	046.2	50.32
149.0	001.7000	0792.1	056.1	064.1	006.0000	0070.1	045.2	50.65
150.0	001.7000	0796.9	056.2	064.4	006.0000	0070.3	044.2	51.02
151.0	001.7000	0803.6	056.4	064.8	006.0000	0070.8	043.3	51.43
152.0	001.7000	0810.3	056.6	065.1	006.0000	0071.7	042.3	51.88
153.0	001.7000	0816.3	056.8	065.4	006.0000	0072.6	041.3	52.36
154.0	001.7000	0821.9	056.9	065.7	006.0000	0073.7	040.3	52.85
155.0	001.7000	0824.0	057.0	065.8	006.0000	0074.0	039.4	53.29
156.0	001.7000	0824.1	057.0	065.8	006.0000	0074.0	038.4	53.70
157.0	001.7000	0823.5	056.9	065.8	006.0000	0074.0	037.4	54.10
158.0	001.7000	0825.1	057.0	065.8	006.0000	0074.0	036.4	54.53
159.0	001.7000	0822.5	056.9	065.6	006.0000	0073.5	035.4	54.89
160.0	001.7000	0818.2	056.8	065.3	006.0000	0072.4	034.4	55.19
161.0	001.7000	0816.6	056.8	065.1	006.0000	0071.8	033.4	55.55
162.0	001.7000	0812.5	056.6	064.8	006.0000	0070.8	032.4	55.87
163.0	001.7000	0805.3	056.5	064.2	006.0000	0070.1	031.5	56.23

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
164.0	001.7000	0794.5	056.2	063.3	006.0000	0070.4	030.6	56.72
165.0	001.7000	0776.2	055.6	062.0	005.9975	0070.0	029.7	57.12
166.0	001.7000	0755.4	055.0	060.4	005.6182	0072.4	028.9	57.58
167.0	001.7000	0734.7	054.4	058.6	005.1800	0072.0	028.2	57.61
168.0	001.7000	0717.8	053.9	056.9	004.7953	0076.5	027.5	58.26
169.0	001.7000	0705.3	053.5	055.4	004.4687	0082.6	026.8	59.10
170.0	001.7000	0697.8	053.2	054.1	004.2043	0086.8	026.0	59.80
171.0	001.7000	0690.7	053.0	052.7	003.9414	0089.3	025.3	60.28
172.0	001.7000	0687.6	052.9	051.4	003.7233	0087.8	024.6	60.40
173.0	001.7000	0688.0	052.9	050.3	003.5365	0087.4	023.8	60.71
174.0	001.7000	0681.5	052.7	048.6	003.2718	0095.9	023.1	61.72
175.0	001.7000	0672.4	052.4	046.6	002.9847	0098.8	022.6	62.01
176.0	001.7000	0665.3	052.1	044.7	002.7251	0096.2	022.0	61.79
177.0	001.7000	0660.3	051.9	042.7	002.4903	0103.3	021.5	62.47
178.0	001.7000	0656.8	051.8	040.7	002.2791	0113.8	020.9	63.39
179.0	001.7000	0651.2	051.6	038.5	002.2700	0127.6	020.5	64.68
180.0	001.7000	0646.0	051.4	036.2	002.3513	0147.2	020.1	66.45
181.0	001.7000	0637.8	051.1	033.6	002.4437	0157.9	019.8	67.49
182.0	001.7000	0637.1	051.1	031.3	002.5259	0172.9	019.4	68.84
183.0	001.7000	0643.3	051.3	029.3	002.5916	0183.4	018.7	69.97
184.0	001.7000	0647.7	051.5	026.9	002.6467	0192.8	018.2	70.90
185.0	001.7000	0655.7	051.8	024.6	002.7031	0192.4	017.6	71.46
186.0	001.7000	0669.0	052.2	022.2	002.7608	0178.2	016.9	71.50
187.0	001.7000	0679.5	052.6	019.5	002.8822	0162.9	016.3	71.34
188.0	001.7000	0687.1	052.9	016.5	003.3145	0141.3	015.9	70.93
189.0	001.7000	0691.6	053.0	013.2	003.8501	0128.5	015.7	70.94
190.0	001.7000	0688.1	052.9	009.8	004.4773	0105.6	015.8	69.87
191.0	001.7000	0686.0	052.8	006.5	004.7907	0086.0	015.9	68.25
192.0	001.7000	0683.6	052.7	003.3	005.1071	0076.0	016.0	67.29
193.0	001.7000	0684.0	052.8	000.1	005.4304	0077.8	016.2	67.63
194.0	001.7000	0694.4	053.1	356.6	005.0195	0088.6	016.1	68.49
195.0	001.7000	0706.6	053.5	353.0	004.5964	0112.8	016.1	70.31
196.0	001.7000	0717.6	053.9	349.5	004.3372	0085.0	016.1	67.49
197.0	001.7000	0723.0	054.0	346.3	004.8660	0086.1	016.4	67.85
198.0	001.7000	0723.8	054.1	343.5	005.3495	0055.8	016.9	64.25
199.0	001.7000	0723.2	054.0	341.0	005.8039	0043.0	017.5	61.66
200.0	001.7000	0725.8	054.1	338.5	006.0000	0037.1	018.0	60.01
201.0	001.7000	0730.8	054.3	336.1	006.0000	0020.1	018.6	57.80
202.0	001.7000	0735.3	054.4	333.8	006.0000	0019.0	019.1	57.32
203.0	001.7000	0745.8	054.7	331.3	006.0000	0012.4	019.7	56.89
204.0	001.7000	0754.5	055.0	329.0	006.0000	-0010.5	020.3	56.41
205.0	001.7000	0760.5	055.2	327.1	006.0000	-0024.1	021.0	55.86
206.0	001.7000	0765.4	055.3	325.5	006.0000	-0029.8	021.7	55.28
207.0	001.7000	0767.5	055.4	324.2	006.0000	-0039.9	022.6	54.66
208.0	001.7000	0766.9	055.4	323.2	006.0000	-0047.1	023.4	54.02
209.0	001.7000	0765.1	055.3	322.3	006.0000	-0048.6	024.3	53.39
210.0	001.7000	0764.0	055.3	321.6	006.0000	-0046.5	025.3	52.78
211.0	001.7000	0762.8	055.2	320.9	006.0000	-0046.4	026.2	52.18
212.0	001.7000	0759.7	055.2	320.4	006.0000	-0048.3	027.1	51.60
213.0	001.7000	0756.7	055.1	320.0	006.0000	-0051.2	028.1	51.05
214.0	001.7000	0753.6	055.0	319.6	006.0000	-0054.3	029.0	50.54

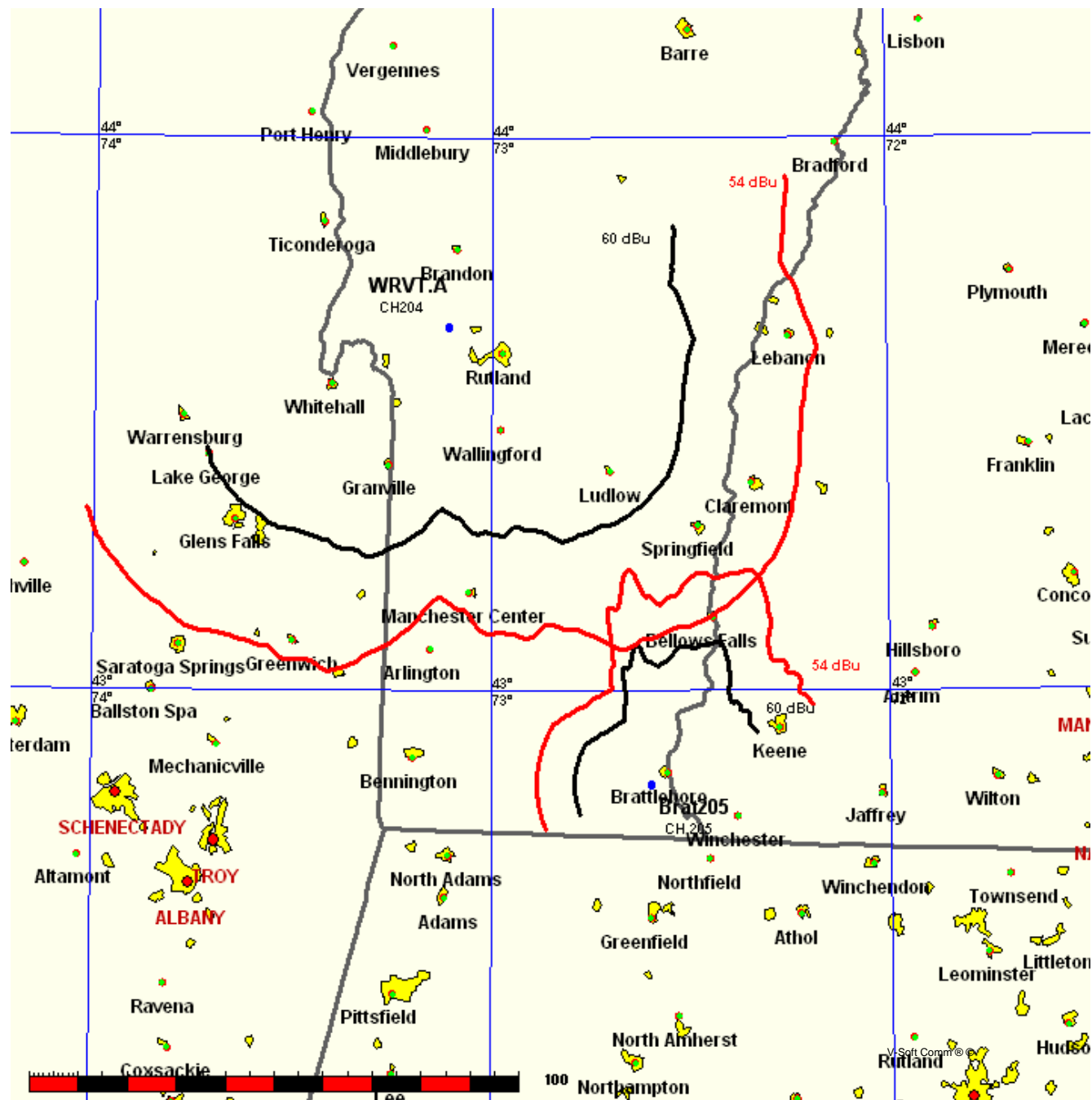
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
215.0	001.7000	0753.0	055.0	319.2	006.0000	-0055.8	029.9	50.06
216.0	001.7000	0754.9	055.0	318.7	006.0000	-0055.6	030.9	49.63
217.0	001.7000	0757.0	055.1	318.2	006.0000	-0054.6	031.8	49.23
218.0	001.7000	0754.1	055.0	318.1	006.0000	-0054.3	032.7	48.86
219.0	001.7000	0746.6	054.8	318.2	006.0000	-0054.5	033.7	48.49
220.0	001.7000	0738.8	054.5	318.3	006.0000	-0054.8	034.7	48.12
221.0	001.7000	0734.2	054.4	318.4	006.0000	-0054.9	035.7	47.77
222.0	001.7000	0729.5	054.2	318.4	006.0000	-0055.0	036.6	47.43
223.0	001.7000	0723.4	054.0	318.6	006.0000	-0055.3	037.6	47.10
224.0	001.7000	0713.6	053.7	318.9	006.0000	-0055.8	038.6	46.78
225.0	001.7000	0702.5	053.4	319.3	006.0000	-0055.6	039.5	46.47
226.0	001.7000	0691.5	053.0	319.8	006.0000	-0053.3	040.5	46.17
227.0	001.7000	0683.3	052.7	320.1	006.0000	-0050.5	041.4	45.88
228.0	001.7000	0674.4	052.4	320.4	006.0000	-0048.2	042.3	45.61
229.0	001.7000	0663.2	052.0	320.9	006.0000	-0046.4	043.3	45.34
230.0	001.7000	0650.3	051.6	321.5	006.0000	-0046.3	044.2	45.09
231.0	001.7000	0636.1	051.1	322.1	006.0000	-0048.3	045.1	44.85
232.0	001.7000	0618.8	050.4	322.9	006.0000	-0048.1	046.0	44.63
233.0	001.7000	0616.9	050.4	323.0	006.0000	-0047.9	046.9	44.42
234.0	001.7000	0627.3	050.8	322.5	006.0000	-0048.6	047.7	44.21
235.0	001.7000	0647.6	051.5	321.7	006.0000	-0046.9	048.7	44.01
236.0	001.7000	0666.2	052.1	321.0	006.0000	-0046.1	049.6	43.81
237.0	001.7000	0682.3	052.7	320.5	006.0000	-0047.8	050.6	43.60
238.0	001.7000	0686.4	052.8	320.5	006.0000	-0047.9	051.5	43.39
239.0	001.7000	0683.4	052.7	320.8	006.0000	-0046.9	052.4	43.20
240.0	001.7000	0675.4	052.5	321.2	006.0000	-0045.9	053.3	43.01
241.0	001.7000	0669.5	052.3	321.6	006.0000	-0046.5	054.2	42.82
242.0	001.7000	0666.7	052.2	321.8	006.0000	-0047.3	055.0	42.63
243.0	001.7000	0664.4	052.1	322.1	006.0000	-0048.3	055.9	42.44
244.0	001.7000	0665.9	052.1	322.2	006.0000	-0048.6	056.8	42.25
245.0	001.7000	0671.0	052.3	322.3	006.0000	-0048.6	057.7	42.06
246.0	001.7000	0677.9	052.5	322.2	006.0000	-0048.6	058.7	41.86
247.0	001.7000	0682.1	052.7	322.3	006.0000	-0048.6	059.6	41.67
248.0	001.7000	0683.1	052.7	322.5	006.0000	-0048.6	060.5	41.48
249.0	001.7000	0681.5	052.7	322.8	006.0000	-0048.3	061.4	41.31
250.0	001.7000	0678.4	052.6	323.2	006.0000	-0047.2	062.2	41.14

Vermont Public Radio
Brattleboro 205 v WRVT.A

FMCommander Single Allocation Study
10-14-2007

Brat205 CH 205 A
6.0 kW 305 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WRVT-A CH 204 C2 BPED20070808ADL
4.8 kW, 663 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu



10-14-2007

USGS 03 SEC Terrain Data

FMOver Analysis

Brat205

Channel = 205A

Max ERP = 6 kW

RCAMSL = 305 M

N. Lat. 42 49 44.0

W. Lng. 72 35 52.0

Protected

60 dBu

WRVT-A

BPED20070808ADL

Channel = 204C2

Max ERP = 4.8 kW

RCAMSL = 663 M

N. Lat. 43 39 31.0

W. Lng. 73 06 25.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
276.0	006.0000	-0163.9	015.8	164.1	004.8000	0296.5	094.1	44.12
277.0	006.0000	-0168.3	015.8	164.0	004.8000	0296.0	093.9	44.18
278.0	006.0000	-0172.5	015.8	164.0	004.8000	0295.4	093.6	44.24
279.0	006.0000	-0177.2	015.8	163.9	004.8000	0294.8	093.3	44.30
280.0	006.0000	-0182.0	015.8	163.8	004.8000	0294.1	093.1	44.36
281.0	006.0000	-0184.7	015.8	163.8	004.8000	0293.4	092.9	44.41
282.0	006.0000	-0185.0	015.8	163.7	004.8000	0292.6	092.6	44.46
283.0	006.0000	-0186.1	015.8	163.6	004.8000	0291.8	092.4	44.51
284.0	006.0000	-0187.3	015.8	163.5	004.8000	0291.0	092.1	44.56
285.0	006.0000	-0188.7	015.8	163.4	004.8000	0290.2	091.9	44.61
286.0	006.0000	-0187.5	015.8	163.3	004.8000	0289.3	091.7	44.66
287.0	006.0000	-0181.6	015.8	163.2	004.8000	0288.4	091.4	44.70
288.0	006.0000	-0173.2	015.8	163.1	004.8000	0287.6	091.2	44.75
289.0	006.0000	-0166.4	015.8	163.0	004.8000	0286.9	091.0	44.80
290.0	006.0000	-0162.7	015.8	162.9	004.8000	0286.4	090.8	44.85
291.0	006.0000	-0160.8	015.8	162.8	004.8000	0285.8	090.5	44.90
292.0	006.0000	-0155.0	015.8	162.7	004.8000	0285.3	090.3	44.95
293.0	006.0000	-0148.6	015.8	162.6	004.8000	0284.7	090.1	45.00
294.0	006.0000	-0143.7	015.8	162.5	004.8000	0284.1	089.9	45.05
295.0	006.0000	-0139.5	015.8	162.4	004.8000	0283.6	089.7	45.10
296.0	006.0000	-0134.2	015.8	162.3	004.8000	0283.0	089.5	45.14
297.0	006.0000	-0124.8	015.8	162.1	004.8000	0282.5	089.3	45.19
298.0	006.0000	-0115.9	015.8	162.0	004.8000	0282.6	089.1	45.25
299.0	006.0000	-0108.9	015.8	161.9	004.8000	0283.2	088.9	45.33
300.0	006.0000	-0101.9	015.8	161.8	004.8000	0283.8	088.7	45.41
301.0	005.8569	-0092.2	015.6	161.6	004.8000	0284.5	088.6	45.46
302.0	005.7155	-0084.1	015.5	161.4	004.8000	0285.1	088.5	45.51
303.0	005.5758	-0084.0	015.4	161.2	004.8000	0286.0	088.4	45.56
304.0	005.4378	-0081.8	015.3	161.0	004.8000	0287.1	088.4	45.62
305.0	005.3016	-0078.1	015.2	160.9	004.8000	0288.2	088.3	45.68
306.0	005.1671	-0074.4	015.1	160.7	004.8000	0289.5	088.2	45.74
307.0	005.0343	-0074.8	015.0	160.5	004.8000	0291.0	088.2	45.81
308.0	004.9033	-0074.4	014.9	160.3	004.8000	0292.6	088.1	45.88
309.0	004.7740	-0072.0	014.8	160.2	004.8000	0294.3	088.0	45.95
310.0	004.6464	-0069.8	014.7	160.0	004.8000	0296.2	088.0	46.02
311.0	004.5623	-0068.7	014.7	159.8	004.8000	0297.8	087.9	46.09
312.0	004.4790	-0066.3	014.6	159.6	004.8000	0299.4	087.9	46.16

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
313.0	004.3964	-0058.6	014.5	159.5	004.8000	0301.0	087.8	46.23
314.0	004.3146	-0047.2	014.4	159.3	004.8000	0302.3	087.8	46.29
315.0	004.2336	-0040.1	014.4	159.1	004.8000	0303.6	087.7	46.34
316.0	004.1533	-0043.5	014.3	159.0	004.8000	0304.8	087.7	46.39
317.0	004.0739	-0051.5	014.2	158.8	004.8000	0306.0	087.7	46.44
318.0	003.9951	-0054.3	014.2	158.6	004.8000	0307.1	087.6	46.48
319.0	003.9172	-0055.9	014.1	158.5	004.8000	0308.1	087.6	46.52
320.0	003.8400	-0051.1	014.0	158.3	004.8000	0309.1	087.6	46.56
321.0	003.8304	-0046.2	014.0	158.1	004.8000	0309.8	087.5	46.60
322.0	003.8208	-0048.0	014.0	158.0	004.8000	0310.6	087.5	46.64
323.0	003.8113	-0047.8	014.0	157.8	004.8000	0311.4	087.4	46.69
324.0	003.8017	-0041.6	014.0	157.7	004.8000	0312.2	087.4	46.73
325.0	003.7922	-0033.0	014.0	157.5	004.8000	0313.0	087.3	46.77
326.0	003.7826	-0027.7	014.0	157.4	004.8000	0313.8	087.3	46.81
327.0	003.7731	-0024.6	014.0	157.2	004.8000	0314.7	087.2	46.85
328.0	003.7636	-0019.8	014.0	157.0	004.8000	0316.0	087.2	46.90
329.0	003.7541	-0010.8	014.0	156.9	004.8000	0317.6	087.2	46.96
330.0	003.7446	0002.1	013.9	156.7	004.8000	0319.3	087.2	47.02
331.0	003.7541	0011.0	014.0	156.6	004.8000	0321.2	087.1	47.09
332.0	003.7636	0015.2	014.0	156.4	004.8000	0322.9	087.1	47.15
333.0	003.7731	0017.9	014.0	156.2	004.8000	0324.6	087.1	47.22
334.0	003.7826	0019.4	014.0	156.1	004.8000	0326.4	087.0	47.28
335.0	003.7922	0017.8	014.0	155.9	004.8000	0328.3	087.0	47.34
336.0	003.8017	0019.8	014.0	155.8	004.8000	0330.4	087.0	47.41
337.0	003.8113	0027.0	014.0	155.6	004.8000	0332.6	087.0	47.48
338.0	003.8208	0034.2	014.9	155.4	004.8000	0335.0	086.2	47.83
339.0	003.8304	0039.1	016.0	155.2	004.8000	0338.2	085.1	48.28
340.0	003.8400	0042.1	016.7	155.0	004.8000	0341.9	084.4	48.63
341.0	003.8785	0042.9	016.9	154.8	004.8000	0345.4	084.2	48.81
342.0	003.9172	0044.2	017.3	154.5	004.8000	0349.2	083.9	49.03
343.0	003.9658	0050.6	018.7	154.2	004.8000	0355.2	082.5	49.68
344.0	004.0049	0062.5	020.8	153.7	004.8000	0363.5	080.5	50.63
345.0	004.0442	0077.9	023.0	153.1	004.8000	0374.7	078.4	51.72
346.0	004.0837	0085.9	024.2	152.7	004.8000	0384.4	077.3	52.39
347.0	004.1234	0085.2	024.1	152.4	004.8000	0389.7	077.5	52.51
348.0	004.1733	0083.0	023.9	152.1	004.8000	0393.5	077.8	52.51
349.0	004.2135	0083.2	024.0	151.8	004.8000	0396.9	077.9	52.60
350.0	004.2538	0087.9	024.6	151.3	004.8000	0400.1	077.3	52.88
351.0	004.3657	0097.7	026.1	150.7	004.8000	0402.7	076.1	53.36
352.0	004.4790	0108.3	027.5	150.0	004.8000	0403.8	075.0	53.78
353.0	004.5938	0112.8	028.2	149.4	004.8000	0403.5	074.6	53.92
354.0	004.7100	0112.0	028.2	149.1	004.8000	0403.5	074.7	53.87
355.0	004.8277	0108.1	027.9	148.8	004.8000	0403.1	075.2	53.70
356.0	004.9468	0094.8	026.4	149.0	004.8000	0403.4	076.7	53.18
357.0	005.0674	0085.0	025.2	149.1	004.8000	0403.5	078.0	52.76
358.0	005.1894	0080.2	024.7	149.0	004.8000	0403.4	078.7	52.53
359.0	005.3129	0080.1	024.8	148.7	004.8000	0402.8	078.8	52.47
000.0	005.4378	0078.2	024.6	148.5	004.8000	0402.7	079.1	52.35
001.0	005.3355	0075.2	024.1	148.4	004.8000	0402.7	079.8	52.12
002.0	005.2341	0075.4	024.0	148.2	004.8000	0402.8	080.1	52.02
003.0	005.1338	0075.3	023.9	148.0	004.8000	0403.1	080.5	51.92

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
004.0	005.0343	0079.0	024.3	147.6	004.8000	0405.0	080.4	52.01
005.0	004.9359	0082.3	024.7	147.2	004.8000	0407.7	080.3	52.11
006.0	004.8384	0085.7	025.1	146.8	004.8000	0410.6	080.3	52.20
007.0	004.7419	0086.0	025.0	146.6	004.8000	0412.0	080.6	52.13
008.0	004.6464	0090.9	025.5	146.1	004.8000	0414.4	080.5	52.25
009.0	004.5518	0100.1	026.6	145.3	004.8000	0417.5	080.0	52.50
010.0	004.4583	0106.7	027.3	144.7	004.8000	0419.6	079.9	52.62
011.0	004.2842	0115.3	028.0	144.1	004.8000	0419.7	079.8	52.66
012.0	004.1036	0122.4	028.4	143.7	004.8000	0421.6	079.8	52.69
013.0	003.9269	0127.4	028.6	143.3	004.8000	0423.0	080.1	52.65
014.0	003.7541	0132.8	028.8	143.0	004.8000	0424.7	080.3	52.62
015.0	003.5945	0137.0	028.9	142.7	004.8000	0426.3	080.7	52.56
016.0	003.4292	0139.5	028.8	142.5	004.8000	0427.3	081.1	52.44
017.0	003.2679	0142.7	028.8	142.3	004.8000	0428.4	081.5	52.33
018.0	003.1104	0146.7	028.8	142.1	004.8000	0429.9	081.9	52.25
019.0	002.9653	0157.1	029.4	141.6	004.8000	0434.5	082.0	52.36
020.0	002.8154	0166.1	029.9	141.1	004.8000	0439.1	082.2	52.42
021.0	002.7907	0171.8	030.3	140.7	004.8000	0443.0	082.5	52.46
022.0	002.7662	0177.0	030.7	140.3	004.8000	0445.8	082.8	52.45
023.0	002.7419	0182.8	031.1	139.9	004.8000	0447.9	083.0	52.42
024.0	002.7176	0189.4	031.5	139.4	004.8000	0450.0	083.3	52.39
025.0	002.6934	0194.2	031.9	139.0	004.8000	0451.4	083.7	52.31
026.0	002.6693	0195.6	031.9	138.8	004.8000	0452.1	084.2	52.17
027.0	002.6454	0192.6	031.6	138.9	004.8000	0451.9	084.8	51.96
028.0	002.6215	0189.1	031.2	139.0	004.8000	0451.6	085.5	51.74
029.0	002.5978	0184.8	030.8	139.1	004.8000	0451.1	086.1	51.52
030.0	002.5741	0179.5	030.3	139.3	004.8000	0450.5	086.8	51.28
031.0	002.5350	0174.7	029.8	139.5	004.8000	0449.7	087.4	51.05
032.0	002.5039	0168.0	029.2	139.8	004.8000	0448.4	088.1	50.79
033.0	002.4653	0161.1	028.6	140.1	004.8000	0446.9	088.8	50.52
034.0	002.4270	0156.5	028.1	140.3	004.8000	0445.8	089.4	50.29
035.0	002.3890	0152.9	027.7	140.4	004.8000	0444.8	090.0	50.07
036.0	002.3588	0148.3	027.2	140.6	004.8000	0443.5	090.6	49.85

10-14-2007 USGS 03 SEC Terrain Data

WRVT-A BPED20070808ADL
 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

Brat205
 Channel = 205A
 Max ERP = 6 kW
 RCAMSL = 305 M
 N. Lat. 42 49 44.0
 W. Lng. 72 35 52.0
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
096.0	004.8000	0395.2	049.1	004.8	004.9512	0081.9	087.4	38.12
097.0	004.8000	0393.2	049.0	004.7	004.9605	0081.7	086.5	38.35
098.0	004.8000	0393.2	049.0	004.7	004.9634	0081.6	085.7	38.57
099.0	004.8000	0392.7	048.9	004.7	004.9691	0081.4	084.8	38.80
100.0	004.8000	0394.2	049.0	004.7	004.9684	0081.4	083.9	39.03
101.0	004.8000	0397.0	049.2	004.7	004.9646	0081.5	083.1	39.26
102.0	004.8000	0395.7	049.1	004.6	004.9760	0081.2	082.2	39.48
103.0	004.8000	0394.6	049.0	004.5	004.9884	0080.9	081.4	39.70
104.0	004.8000	0397.8	049.2	004.5	004.9860	0081.0	080.5	39.94
105.0	004.8000	0400.9	049.4	004.5	004.9848	0081.0	079.6	40.17
106.0	004.8000	0404.2	049.6	004.5	004.9842	0081.0	078.8	40.41
107.0	004.8000	0406.5	049.7	004.5	004.9887	0080.9	077.9	40.64
108.0	004.8000	0410.3	049.9	004.5	004.9884	0080.9	077.0	40.88
109.0	004.8000	0415.7	050.2	004.5	004.9831	0081.0	076.1	41.13
110.0	004.8000	0421.6	050.5	004.6	004.9772	0081.2	075.1	41.39
111.0	004.8000	0426.8	050.8	004.6	004.9752	0081.2	074.2	41.64
112.0	004.8000	0430.4	051.0	004.5	004.9809	0081.1	073.3	41.89
113.0	004.8000	0434.0	051.2	004.5	004.9879	0080.9	072.4	42.13
114.0	004.8000	0437.1	051.3	004.4	004.9983	0080.6	071.5	42.37
115.0	004.8000	0440.7	051.5	004.3	005.0082	0080.2	070.6	42.61
116.0	004.8000	0445.3	051.8	004.2	005.0159	0079.9	069.7	42.85
117.0	004.8000	0451.7	052.1	004.2	005.0173	0079.8	068.7	43.12
118.0	004.8000	0456.7	052.4	004.1	005.0268	0079.4	067.7	43.36
119.0	004.8000	0460.7	052.6	003.9	005.0415	0078.6	066.8	43.59
120.0	004.8000	0464.0	052.8	003.7	005.0614	0077.6	065.9	43.79
121.0	004.8000	0467.6	053.0	003.5	005.0823	0076.6	065.0	44.00
122.0	004.8000	0471.4	053.2	003.3	005.1039	0076.0	064.1	44.24
123.0	004.8000	0475.1	053.5	003.1	005.1284	0075.5	063.2	44.48
124.0	004.8000	0477.4	053.6	002.7	005.1617	0075.2	062.3	44.75
125.0	004.8000	0478.1	053.6	002.3	005.2044	0075.9	061.5	45.09
126.0	004.8000	0477.4	053.6	001.8	005.2557	0074.8	060.7	45.29
127.0	004.8000	0477.6	053.6	001.3	005.3066	0074.7	059.9	45.56
128.0	004.8000	0476.9	053.6	000.7	005.3636	0075.7	059.2	45.93
129.0	004.8000	0475.5	053.5	000.1	005.4271	0077.7	058.5	46.35

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
130.0	004.8000	0474.5	053.4	359.5	005.3722	0079.6	057.8	46.69
131.0	004.8000	0473.3	053.4	358.8	005.2898	0079.9	057.2	46.87
132.0	004.8000	0472.3	053.3	358.1	005.2060	0079.9	056.5	47.02
133.0	004.8000	0469.9	053.2	357.4	005.1127	0082.4	056.0	47.33
134.0	004.8000	0467.0	053.0	356.6	005.0156	0088.9	055.5	47.94
135.0	004.8000	0464.3	052.8	355.8	004.9176	0097.9	055.0	48.70
136.0	004.8000	0461.0	052.7	354.9	004.8154	0108.8	054.5	49.52
137.0	004.8000	0458.0	052.5	354.0	004.7133	0112.0	054.1	49.80
138.0	004.8000	0455.2	052.3	353.1	004.6110	0112.9	053.7	49.91
139.0	004.8000	0451.5	052.1	352.2	004.5045	0109.9	053.3	49.76
140.0	004.8000	0447.3	051.9	351.3	004.3958	0100.8	053.0	49.14
141.0	004.8000	0440.4	051.5	350.2	004.2788	0089.6	052.9	48.24
142.0	004.8000	0430.7	051.0	349.1	004.2179	0083.5	053.0	47.67
143.0	004.8000	0424.6	050.7	348.1	004.1772	0082.8	052.9	47.60
144.0	004.8000	0420.2	050.4	347.1	004.1294	0085.0	052.7	47.78
145.0	004.8000	0419.0	050.4	346.2	004.0922	0085.9	052.5	47.91
146.0	004.8000	0414.7	050.1	345.2	004.0533	0080.7	052.4	47.46
147.0	004.8000	0409.0	049.8	344.2	004.0137	0065.7	052.4	46.07
148.0	004.8000	0403.1	049.5	343.2	003.9745	0052.6	052.5	44.66
149.0	004.8000	0403.4	049.5	342.3	003.9325	0045.6	052.2	43.79
150.0	004.8000	0403.8	049.5	341.4	003.8938	0043.3	052.0	43.47
151.0	004.8000	0401.7	049.4	340.4	003.8570	0042.5	052.0	43.33
152.0	004.8000	0394.9	049.1	339.5	003.8348	0040.4	052.2	42.93
153.0	004.8000	0377.6	048.1	338.4	003.8250	0036.7	053.1	42.15
154.0	004.8000	0358.4	047.0	337.5	003.8157	0030.4	054.1	40.94
155.0	004.8000	0341.4	046.0	336.6	003.8073	0023.5	055.0	40.65
156.0	004.8000	0327.3	045.2	335.8	003.7994	0018.7	055.9	40.47
157.0	004.8000	0316.4	044.5	335.0	003.7920	0017.9	056.5	40.32
158.0	004.8000	0310.5	044.2	334.2	003.7848	0019.3	056.9	40.22
159.0	004.8000	0304.6	043.8	333.5	003.7778	0018.5	057.4	40.13
160.0	004.8000	0295.9	043.3	332.8	003.7713	0017.5	057.9	40.00
161.0	004.8000	0287.4	042.8	332.2	003.7651	0015.7	058.6	39.86
162.0	004.8000	0282.7	042.5	331.5	003.7588	0013.5	059.0	39.77
163.0	004.8000	0286.6	042.8	330.7	003.7516	0009.2	058.9	39.78
164.0	004.8000	0295.6	043.3	329.9	003.7455	0000.9	058.5	39.84
165.0	004.8000	0300.2	043.6	329.1	003.7529	-0009.3	058.5	39.87
166.0	004.8000	0299.8	043.6	328.4	003.7596	-0016.8	058.7	39.82
167.0	004.8000	0292.3	043.1	327.9	003.7648	-0020.5	059.4	39.69
168.0	004.8000	0285.3	042.7	327.3	003.7699	-0023.3	060.0	39.56
169.0	004.8000	0280.4	042.4	326.8	003.7751	-0025.3	060.6	39.46
170.0	004.8000	0275.0	042.1	326.3	003.7799	-0026.6	061.2	39.34
171.0	004.8000	0275.2	042.1	325.7	003.7859	-0029.0	061.5	39.29
172.0	004.8000	0277.5	042.2	325.0	003.7923	-0033.1	061.7	39.26
173.0	004.8000	0273.5	042.0	324.5	003.7969	-0036.9	062.2	39.15
174.0	004.8000	0265.6	041.5	324.1	003.8003	-0040.3	063.0	39.00
175.0	004.8000	0251.5	040.6	324.0	003.8018	-0041.7	064.1	38.79
176.0	004.8000	0234.0	039.5	324.0	003.8018	-0041.7	065.5	38.54
177.0	004.8000	0219.6	038.5	324.0	003.8020	-0041.9	066.7	38.32
178.0	004.8000	0219.0	038.5	323.5	003.8063	-0045.3	067.1	38.25
179.0	004.8000	0214.4	038.1	323.2	003.8091	-0046.9	067.7	38.13
180.0	004.8000	0207.1	037.6	323.1	003.8107	-0047.6	068.6	37.98

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
181.0	004.8000	0203.0	037.2	322.8	003.8132	-0048.3	069.2	37.87
182.0	004.8000	0195.6	036.7	322.7	003.8142	-0048.5	070.1	37.71
183.0	004.8000	0198.4	036.9	322.2	003.8191	-0048.5	070.3	37.68
184.0	004.8000	0207.5	037.6	321.4	003.8266	-0046.2	070.2	37.70
185.0	004.8000	0218.5	038.4	320.5	003.8348	-0047.7	070.1	37.73
186.0	004.8000	0237.0	039.7	319.4	003.8857	-0055.4	069.7	37.86
187.0	004.8000	0254.0	040.8	318.4	003.9664	-0054.9	069.5	37.99
188.0	004.8000	0267.0	041.6	317.5	004.0361	-0053.3	069.5	38.06
189.0	004.8000	0275.5	042.1	316.8	004.0919	-0050.0	069.8	38.07
190.0	004.8000	0288.1	042.9	315.9	004.1608	-0042.7	069.9	38.12
191.0	004.8000	0302.7	043.7	315.0	004.2360	-0040.2	070.1	38.17
192.0	004.8000	0311.8	044.3	314.3	004.2927	-0044.7	070.4	38.17
193.0	004.8000	0320.5	044.8	313.6	004.3485	-0052.3	070.8	38.15
194.0	004.8000	0330.8	045.4	312.8	004.4091	-0060.1	071.2	38.14
195.0	004.8000	0339.1	045.9	312.2	004.4626	-0065.4	071.7	38.11
196.0	004.8000	0356.1	046.9	311.2	004.5456	-0068.5	072.0	38.14
197.0	004.8000	0369.2	047.7	310.4	004.6134	-0069.3	072.4	38.12
198.0	004.8000	0380.2	048.3	309.7	004.6844	-0070.7	073.0	38.09
199.0	004.8000	0389.8	048.8	309.1	004.7621	-0071.9	073.6	38.05
200.0	004.8000	0396.2	049.1	308.6	004.8220	-0072.8	074.3	37.98
201.0	004.8000	0395.2	049.1	308.5	004.8423	-0073.2	075.1	37.84
202.0	004.8000	0389.5	048.8	308.5	004.8366	-0073.1	076.0	37.67
203.0	004.8000	0388.3	048.7	308.4	004.8525	-0073.4	076.8	37.53
204.0	004.8000	0389.7	048.8	308.2	004.8795	-0074.0	077.6	37.40
205.0	004.8000	0396.6	049.1	307.8	004.9322	-0074.9	078.4	37.31
206.0	004.8000	0403.7	049.5	307.4	004.9844	-0075.3	079.2	37.20
207.0	004.8000	0410.1	049.9	307.0	005.0310	-0074.9	079.9	37.09
208.0	004.8000	0411.0	049.9	306.9	005.0476	-0074.6	080.8	36.93
209.0	004.8000	0404.0	049.5	307.1	005.0236	-0075.0	081.7	36.73
210.0	004.8000	0401.3	049.4	307.1	005.0199	-0075.0	082.6	36.55
211.0	004.8000	0409.4	049.8	306.7	005.0674	-0074.5	083.4	36.42
212.0	004.8000	0415.1	050.1	306.5	005.1012	-0074.2	084.2	36.28
213.0	004.8000	0416.5	050.2	306.4	005.1128	-0074.1	085.1	36.11
214.0	004.8000	0419.9	050.4	306.3	005.1319	-0074.0	086.0	35.95
215.0	004.8000	0425.1	050.7	306.1	005.1582	-0074.3	086.9	35.79
216.0	004.8000	0430.9	051.0	305.9	005.1851	-0074.7	087.7	35.63