

Doug Vernier, Telecommunications Consultants  
1600 Picturesque Dr., Cedar Falls, IA 50613

WVXM Allocation Study  
Vermont Public Radio

REFERENCE  
44 01 34.0 N.  
73 09 44.0 W.

CH# 211A - 90.1 MHz, Pwr= 1.2 kW DA, HAAT= 96.7 M, COR= 288.3 M  
Average Protected F(50-50)= 19.14 km  
Standard Directional

DISPLAY DATES  
DATA 05-17-18  
SEARCH 05-17-18

CH CITY	CALL	TYPE STATE	ANT AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
211A WVXM Middlebury		LIC DCX VT	0.0 0.0	0.00 BMLD20150312AAL	44 01 34.0 73 09 44.0	1.200 95	288	---Reference--- Vermont Public Radio		
210A WCMD-FM Barre		LIC _C_ VT	78.3 258.8	55.86 BLED20141006ABP	44 07 32.0 72 28 36.0	1.500 180	45.4 612	27.9 Christian Ministries, Inc.	0.6	10.9
211A WRUV Burlington		LIC _CN VT	356.4 176.4	50.59 BLED19961217KB	44 28 49.0 73 12 07.0	0.460 40	41.5 126	8.3 The University Of Vermont	0.8	1.0
210C3 WXLG North Creek		LIC _CN NY	241.4 60.8	81.26 BLED19950206KF	43 40 22.0 74 02 58.0	0.200 608	52.3 1124	33.7 The St. Lawrence University	1.7	6.0
213A WXLQ Bristol		LIC DCX VT	7.9 187.9	22.13 BLED20090112AAN	44 13 24.0 73 07 27.0	0.160 181	0.9 388	18.0 The St. Lawrence University	7.6	3.3
06 1C WRGB« Schenectady		APP _HN NY	204.1 23.5	170.18 0000035659	42 37 31.0 74 00 38.2	60.000 392	16.6 648	117.8	134.4R	35.8M
06 1C WRGB« Schenectady		APP _HN NY	204.1 23.5	170.18 0000035622	42 37 31.0 74 00 38.2	60.000 392	16.6 648	117.8	134.4R	35.8M
6 -- WRGB-A« Schenectady		CHA __Y NY	204.1 23.5	170.18 DTVBL73942	42 37 31.0 74 00 38.0	30.200 392	16.6 649	109.5	126.1R	44.1M
06 1C WRGB« Schenectady		LI _HN NY	204.1 23.5	170.18 BMLCDT-20110816AAF	42 37 31.0 74 00 38.2	30.200 392	16.6 649	109.5	126.1R	44.1M

Terrain database is FCC 30 meter, R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2, Co to 3rd adjacent.  
All separation margins (if shown) include rounding.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
"\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.  
« = Station meets FCC minimum distance spacing for its class.  
Reference station has protected zone issue: Canada

## 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. Contour distances are in kilometers and are predicted using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

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

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

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

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

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

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

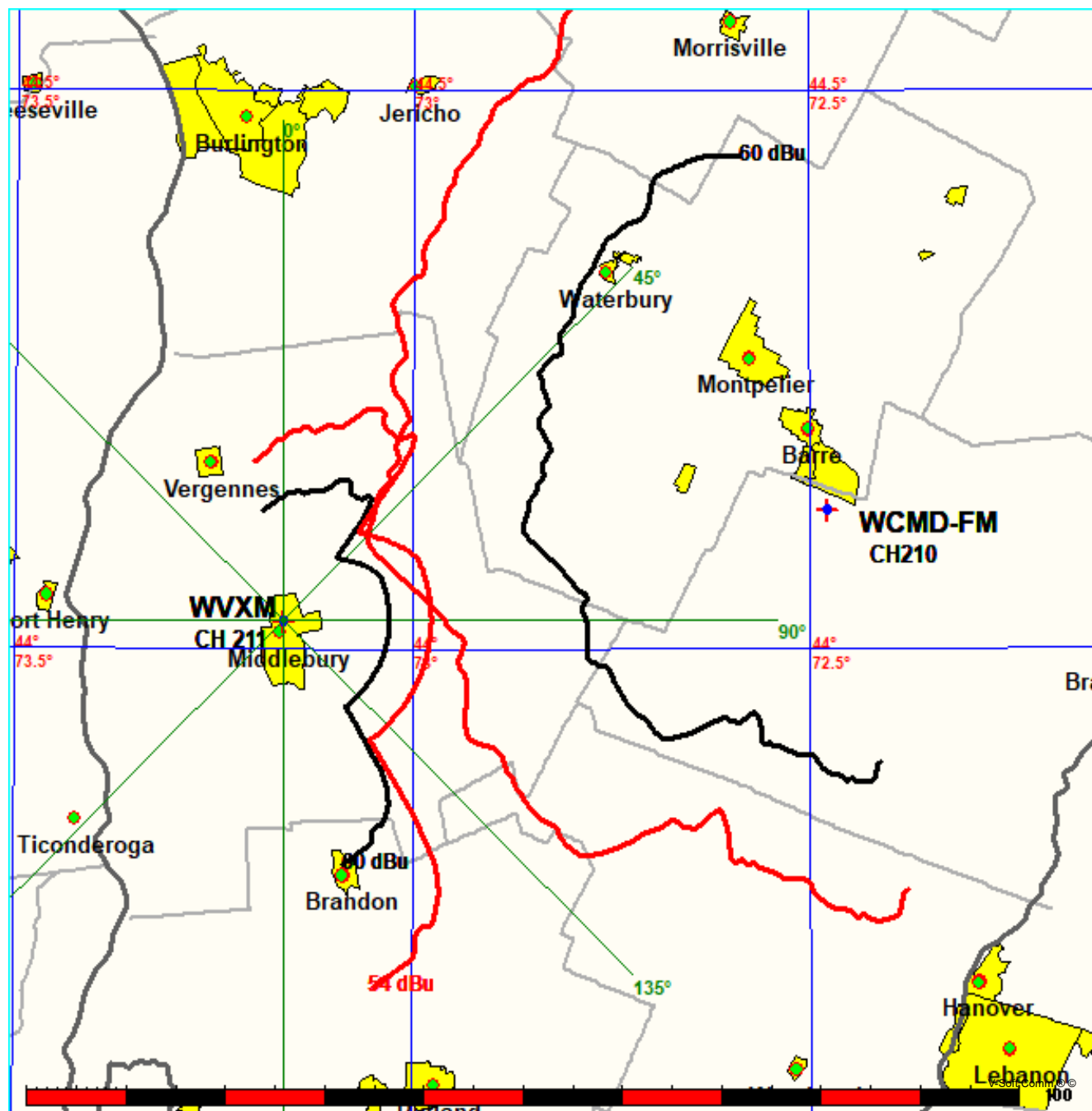
Translator relationships with LPTV/Translators are calculated using the 62 dBu protected and the F(50-10) interference contour, as defined in section 74.1205 of the Rules.

Contour-to-Contour Map - WVXM vs WCMF-FM  
Vermont Public Radio

FMCommander Single Allocation Study - 05-17-2018 - FCC 30 meter  
WVXM's Overlaps (In= 0.59 km, Out= 10.92 km)

WVXM CH 211 A DA  
Lat= 44 01 34.0, Lng= 73 09 44.0  
1.2 kW 96.7 m HAAT, 288.3 m COR  
Prot.= 60 dBu, Intef.= 54 dBu

WCMD-FM CH 210 A BLED20141006ABP  
Lat= 44 07 32.0, Lng= 72 28 36.0  
1.5 kW 180 m HAAT, 612 m COR  
Prot.= 60 dBu, Intef.= 54 dBu



05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WVXM

WCMD-FM BLED20141006ABP

Channel = 211A  
 Max ERP = 1.2 kW  
 RCAMSL = 288.3 m  
 N. Lat. 44 01 34.0  
 W. Lng. 73 09 44.0  
 Protected  
 60 dBu

Channel = 210A  
 Max ERP = 1.5 kW  
 RCAMSL = 612 m  
 N. Lat. 44 07 32.0  
 W. Lng. 72 28 36.0  
 Interfering  
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
018.0	000.1437	0147.4	013.6	272.4	001.5000	0223.6	050.5	51.74	
019.0	000.1504	0150.2	013.9	272.6	001.5000	0222.1	050.2	51.81	
020.0	000.1564	0154.1	014.3	272.9	001.5000	0220.4	049.9	51.86	
021.0	000.1643	0159.8	014.7	273.3	001.5000	0218.7	049.5	51.95	
022.0	000.1733	0161.0	015.0	273.5	001.5000	0217.7	049.2	52.03	
023.0	000.1816	0159.1	015.1	273.5	001.5000	0217.7	048.9	52.14	
024.0	000.1901	0157.6	015.2	273.5	001.5000	0217.7	048.6	52.26	
025.0	000.1988	0157.0	015.3	273.6	001.5000	0217.5	048.3	52.37	
026.0	000.2087	0152.2	015.3	273.4	001.5000	0218.5	048.1	52.50	
027.0	000.2178	0139.2	014.7	272.6	001.5000	0222.2	048.1	52.66	
028.0	000.2271	0131.5	014.4	272.1	001.5000	0224.8	048.0	52.81	
029.0	000.2376	0125.9	014.2	271.9	001.5000	0226.3	047.8	52.94	
030.0	000.2473	0123.6	014.2	271.7	001.5000	0226.9	047.6	53.06	
031.0	000.2606	0120.4	014.2	271.6	001.5000	0227.4	047.4	53.17	
032.0	000.2742	0117.1	014.2	271.4	001.5000	0227.6	047.2	53.27	
033.0	000.2869	0114.5	014.2	271.3	001.5000	0227.7	047.0	53.36	
034.0	000.3012	0116.9	014.6	271.5	001.5000	0227.6	046.6	53.52	
035.0	000.3158	0120.7	015.0	271.7	001.5000	0226.9	046.1	53.67	
036.0	000.3307	0115.1	014.8	271.4	001.5000	0227.7	046.0	53.75	
037.0	000.3460	0104.9	014.3	270.6	001.5000	0227.9	046.1	53.72	
038.0	000.3604	0082.5	012.8	269.0	001.5000	0231.7	046.8	53.58	
039.0	000.3763	0054.1	010.7	266.9	001.5000	0237.1	048.1	53.29	
040.0	000.3926	0034.6	008.5	265.0	001.5000	0233.4	049.5	52.59	
041.0	000.4135	0026.1	008.1	264.5	001.5000	0230.9	049.7	52.39	
042.0	000.4334	0017.7	008.2	264.4	001.5000	0230.7	049.5	52.45	
043.0	000.4553	0010.0	008.3	264.4	001.5000	0230.5	049.3	52.52	
044.0	000.4778	0001.2	008.4	264.4	001.5000	0230.2	049.2	52.58	
045.0	000.5008	-0008.1	008.5	264.3	001.5000	0229.8	049.0	52.63	
046.0	000.5227	-0016.3	008.6	264.2	001.5000	0229.3	048.8	52.68	
047.0	000.5468	-0022.3	008.7	264.2	001.5000	0228.9	048.6	52.73	
048.0	000.5713	-0031.0	008.8	264.1	001.5000	0228.2	048.5	52.77	
049.0	000.5947	-0036.8	008.9	264.0	001.5000	0227.6	048.3	52.81	
050.0	000.6204	-0042.3	009.0	263.9	001.5000	0226.9	048.1	52.85	
051.0	000.6536	-0047.2	009.1	263.8	001.5000	0226.3	047.9	52.90	
052.0	000.6858	-0046.5	009.2	263.7	001.5000	0225.6	047.8	52.94	
053.0	000.7207	-0045.7	009.4	263.7	001.5000	0225.0	047.6	52.99	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
054.0	000.7565	-0050.7	009.5	263.6	001.5000	0224.3	047.4	53.04
055.0	000.7912	-0059.8	009.6	263.4	001.5000	0223.7	047.2	53.08
056.0	000.8287	-0066.5	009.7	263.3	001.5000	0222.6	047.0	53.10
057.0	000.8670	-0071.2	009.8	263.2	001.5000	0221.4	046.9	53.12
058.0	000.9062	-0072.7	009.9	263.1	001.5000	0220.2	046.7	53.14
059.0	000.9441	-0079.4	010.0	262.9	001.5000	0219.0	046.5	53.15
060.0	000.9850	-0090.8	010.1	262.8	001.5000	0217.5	046.4	53.15
061.0	001.0268	-0098.2	010.2	262.6	001.5000	0216.4	046.2	53.17
062.0	001.0694	-0106.5	010.3	262.4	001.5000	0215.2	046.0	53.18
063.0	001.1105	-0110.5	010.4	262.3	001.5000	0214.2	045.9	53.19
064.0	001.1548	-0109.6	010.5	262.1	001.5000	0213.6	045.7	53.23
065.0	001.2000	-0111.1	010.6	261.9	001.5000	0212.7	045.6	53.25
066.0	001.2000	-0114.4	010.6	261.7	001.5000	0211.9	045.5	53.23
067.0	001.2000	-0113.9	010.6	261.5	001.5000	0210.8	045.5	53.20
068.0	001.2000	-0112.9	010.6	261.2	001.5000	0209.5	045.5	53.16
069.0	001.2000	-0110.9	010.6	261.0	001.5000	0208.5	045.4	53.13
070.0	001.2000	-0110.8	010.6	260.8	001.5000	0206.8	045.4	53.07
071.0	001.2000	-0109.9	010.6	260.5	001.5000	0206.1	045.3	53.05
072.0	001.2000	-0109.4	010.6	260.3	001.5000	0205.4	045.3	53.02
073.0	001.2000	-0109.1	010.6	260.1	001.5000	0203.9	045.3	52.96
074.0	001.2000	-0109.4	010.6	259.8	001.5000	0202.5	045.3	52.90
075.0	001.2000	-0111.2	010.6	259.6	001.5000	0201.1	045.3	52.84
076.0	001.2000	-0115.4	010.6	259.4	001.5000	0199.7	045.3	52.78
077.0	001.2000	-0119.1	010.6	259.1	001.5000	0198.0	045.2	52.70
078.0	001.2000	-0122.0	010.6	258.9	001.5000	0196.3	045.2	52.62
079.0	001.2000	-0119.3	010.6	258.7	001.5000	0194.9	045.2	52.55
080.0	001.2000	-0116.6	010.6	258.4	001.5000	0193.9	045.2	52.51
081.0	001.2000	-0118.1	010.6	258.2	001.5000	0192.7	045.3	52.45
082.0	001.2000	-0121.0	010.6	258.0	001.5000	0191.4	045.3	52.38
083.0	001.2000	-0121.9	010.6	257.7	001.5000	0190.1	045.3	52.31
084.0	001.2000	-0125.3	010.6	257.5	001.5000	0189.2	045.3	52.26
085.0	001.2000	-0133.0	010.6	257.3	001.5000	0189.3	045.3	52.25
086.0	001.2000	-0140.6	010.6	257.0	001.5000	0188.8	045.4	52.21
087.0	001.2000	-0149.1	010.6	256.8	001.5000	0187.6	045.4	52.14
088.0	001.2000	-0150.0	010.6	256.6	001.5000	0186.7	045.4	52.09
089.0	001.2000	-0153.7	010.6	256.3	001.5000	0185.0	045.5	51.99
090.0	001.2000	-0161.6	010.6	256.1	001.5000	0184.2	045.5	51.94
091.0	001.2000	-0165.1	010.6	255.9	001.5000	0183.7	045.6	51.89
092.0	001.2000	-0170.0	010.6	255.7	001.5000	0182.9	045.6	51.84
093.0	001.2000	-0176.1	010.6	255.4	001.5000	0182.4	045.7	51.79
094.0	001.2000	-0178.5	010.6	255.2	001.5000	0181.3	045.7	51.71
095.0	001.2000	-0172.6	010.6	255.0	001.5000	0180.3	045.8	51.64
096.0	001.2000	-0164.6	010.6	254.8	001.5000	0179.3	045.9	51.56
097.0	001.2000	-0156.9	010.6	254.6	001.5000	0178.1	045.9	51.48
098.0	001.2000	-0148.6	010.6	254.4	001.5000	0177.0	046.0	51.40
099.0	001.2000	-0141.1	010.6	254.2	001.5000	0176.5	046.1	51.34
100.0	001.2000	-0134.9	010.6	254.0	001.5000	0176.4	046.2	51.30
101.0	001.2000	-0132.2	010.6	253.7	001.5000	0176.4	046.2	51.27
102.0	001.2000	-0128.7	010.6	253.5	001.5000	0176.4	046.3	51.23
103.0	001.2000	-0122.3	010.6	253.3	001.5000	0176.4	046.4	51.20
104.0	001.2000	-0118.1	010.6	253.1	001.5000	0176.5	046.5	51.16

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
105.0	001.2000	-0112.8	010.6	253.0	001.5000	0176.0	046.6	51.10
106.0	001.2000	-0107.2	010.6	252.8	001.5000	0175.3	046.7	51.02
107.0	001.2000	-0103.7	010.6	252.6	001.5000	0174.3	046.8	50.93
108.0	001.2000	-0100.6	010.6	252.4	001.5000	0173.0	046.9	50.83
109.0	001.2000	-0097.1	010.6	252.2	001.5000	0172.0	047.0	50.74
110.0	001.2000	-0090.7	010.6	252.0	001.5000	0171.2	047.2	50.65
111.0	001.2000	-0082.2	010.6	251.9	001.5000	0169.9	047.3	50.54
112.0	001.2000	-0074.3	010.6	251.7	001.5000	0168.9	047.4	50.45
113.0	001.2000	-0071.5	010.6	251.5	001.5000	0168.0	047.5	50.35
114.0	001.2000	-0069.1	010.6	251.4	001.5000	0167.0	047.6	50.26
115.0	001.2000	-0062.3	010.6	251.2	001.5000	0166.4	047.8	50.17
116.0	001.2000	-0054.9	010.6	251.0	001.5000	0165.4	047.9	50.07
117.0	001.2000	-0047.0	010.6	250.9	001.5000	0164.6	048.0	49.99
118.0	001.2000	-0039.8	010.6	250.7	001.5000	0164.2	048.2	49.91
119.0	001.2000	-0028.7	010.6	250.6	001.5000	0163.8	048.3	49.84
120.0	001.2000	-0019.7	010.6	250.4	001.5000	0163.8	048.4	49.78
121.0	001.2000	-0013.6	010.6	250.3	001.5000	0164.0	048.6	49.74
122.0	001.2000	-0010.8	010.6	250.2	001.5000	0164.2	048.7	49.69
123.0	001.2000	-0013.6	010.6	250.0	001.5000	0164.6	048.9	49.66
124.0	001.2000	-0018.8	010.6	249.9	001.5000	0165.4	049.0	49.63
125.0	001.2000	-0021.9	010.6	249.8	001.5000	0166.3	049.2	49.62
126.0	001.2000	-0028.4	010.6	249.7	001.5000	0167.2	049.3	49.61
127.0	001.2000	-0036.0	010.6	249.5	001.5000	0168.0	049.5	49.59
128.0	001.2000	-0039.4	010.6	249.4	001.5000	0168.8	049.6	49.56
129.0	001.2000	-0037.3	010.6	249.3	001.5000	0169.8	049.8	49.55
130.0	001.2000	-0039.3	010.6	249.2	001.5000	0170.7	050.0	49.53
131.0	001.2000	-0044.5	010.6	249.1	001.5000	0171.3	050.1	49.50
132.0	001.2000	-0049.4	010.6	249.0	001.5000	0171.9	050.3	49.46
133.0	001.2000	-0041.0	010.6	248.9	001.5000	0172.4	050.5	49.42
134.0	001.2000	-0035.2	010.6	248.8	001.5000	0173.1	050.6	49.39
135.0	001.2000	-0036.1	010.6	248.8	001.5000	0173.8	050.8	49.36
136.0	001.2000	-0040.5	010.6	248.7	001.5000	0174.6	051.0	49.33
137.0	001.2000	-0040.4	010.6	248.6	001.5000	0175.3	051.1	49.30

05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WCMD-FM BLED20141006ABP

WVXM

Channel = 210A

Max ERP = 1.5 kW

RCAMSL = 612 m

N. Lat. 44 07 32.0

W. Lng. 72 28 36.0

Protected

60 dBu

Channel = 211A

Max ERP = 1.2 kW

RCAMSL = 288.3 m

N. Lat. 44 01 34.0

W. Lng. 73 09 44.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
199.0	001.5000	0112.2	021.8	101.1	001.2000	-0131.9	048.7	37.01	
200.0	001.5000	0109.1	021.5	100.7	001.2000	-0132.6	048.4	37.09	
201.0	001.5000	0112.7	021.8	101.0	001.2000	-0132.1	047.9	37.18	
202.0	001.5000	0121.9	022.6	101.9	001.2000	-0129.1	047.4	37.29	
203.0	001.5000	0127.8	023.1	102.3	001.2000	-0126.1	047.0	37.40	
204.0	001.5000	0128.7	023.1	102.3	001.2000	-0126.2	046.5	37.50	
205.0	001.5000	0130.3	023.3	102.4	001.2000	-0125.8	046.1	37.60	
206.0	001.5000	0128.4	023.1	102.1	001.2000	-0128.1	045.8	37.69	
207.0	001.5000	0129.8	023.2	102.1	001.2000	-0128.1	045.3	37.80	
208.0	001.5000	0138.1	023.9	102.7	001.2000	-0123.6	044.8	37.94	
209.0	001.5000	0145.2	024.4	103.3	001.2000	-0121.0	044.2	38.08	
210.0	001.5000	0151.6	024.9	103.7	001.2000	-0119.9	043.7	38.23	
211.0	001.5000	0161.1	025.6	104.4	001.2000	-0116.0	043.1	38.40	
212.0	001.5000	0171.7	026.3	105.2	001.2000	-0111.6	042.4	38.58	
213.0	001.5000	0179.5	026.8	105.7	001.2000	-0108.2	041.9	38.75	
214.0	001.5000	0188.1	027.4	106.2	001.2000	-0106.3	041.2	38.94	
215.0	001.5000	0196.6	027.9	106.8	001.2000	-0104.5	040.6	39.13	
216.0	001.5000	0200.9	028.2	106.9	001.2000	-0103.9	040.1	39.30	
217.0	001.5000	0200.8	028.2	106.7	001.2000	-0104.7	039.6	39.45	
218.0	001.5000	0201.5	028.2	106.5	001.2000	-0105.4	039.1	39.60	
219.0	001.5000	0200.1	028.2	106.1	001.2000	-0106.8	038.7	39.74	
220.0	001.5000	0198.5	028.0	105.7	001.2000	-0108.2	038.3	39.88	
221.0	001.5000	0194.5	027.8	105.0	001.2000	-0112.8	038.0	39.99	
222.0	001.5000	0195.3	027.8	104.8	001.2000	-0114.4	037.5	40.14	
223.0	001.5000	0198.0	028.0	104.7	001.2000	-0114.8	037.0	40.32	
224.0	001.5000	0199.3	028.1	104.4	001.2000	-0116.0	036.5	40.49	
225.0	001.5000	0197.2	028.0	103.8	001.2000	-0119.1	036.2	40.61	
226.0	001.5000	0197.4	028.0	103.5	001.2000	-0120.5	035.7	40.76	
227.0	001.5000	0196.3	027.9	102.9	001.2000	-0122.6	035.4	40.89	
228.0	001.5000	0194.3	027.8	102.3	001.2000	-0126.4	035.0	41.01	
229.0	001.5000	0193.7	027.7	101.8	001.2000	-0129.3	034.7	41.15	
230.0	001.5000	0190.1	027.5	101.0	001.2000	-0132.2	034.4	41.23	
231.0	001.5000	0192.3	027.6	100.7	001.2000	-0132.7	034.0	41.41	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
232.0	001.5000	0189.4	027.4	099.9	001.2000	-0135.3	033.7	41.49
233.0	001.5000	0186.5	027.3	099.1	001.2000	-0140.1	033.5	41.58
234.0	001.5000	0185.7	027.2	098.5	001.2000	-0144.9	033.2	41.69
235.0	001.5000	0186.9	027.3	098.0	001.2000	-0149.0	032.8	41.84
236.0	001.5000	0194.2	027.8	097.9	001.2000	-0149.6	032.1	42.10
237.0	001.5000	0199.0	028.1	097.6	001.2000	-0152.2	031.6	42.33
238.0	001.5000	0204.0	028.4	097.4	001.2000	-0154.4	031.0	42.58
239.0	001.5000	0201.4	028.2	096.5	001.2000	-0160.8	030.8	42.66
240.0	001.5000	0198.5	028.0	095.5	001.2000	-0167.1	030.7	42.72
241.0	001.5000	0194.4	027.8	094.5	001.2000	-0177.0	030.6	42.74
242.0	001.5000	0189.2	027.4	093.4	001.2000	-0177.0	030.7	42.73
243.0	001.5000	0184.3	027.1	092.3	001.2000	-0172.1	030.7	42.72
244.0	001.5000	0180.6	026.9	091.3	001.2000	-0166.6	030.7	42.73
245.0	001.5000	0177.8	026.7	090.4	001.2000	-0163.0	030.6	42.75
246.0	001.5000	0177.4	026.7	089.6	001.2000	-0158.5	030.4	42.83
247.0	001.5000	0179.4	026.8	088.8	001.2000	-0153.0	030.1	42.98
248.0	001.5000	0177.8	026.7	087.9	001.2000	-0149.7	030.1	43.01
249.0	001.5000	0172.1	026.3	086.9	001.2000	-0148.6	030.3	42.91
250.0	001.5000	0164.8	025.8	085.8	001.2000	-0139.0	030.6	42.75
251.0	001.5000	0165.2	025.8	085.0	001.2000	-0132.8	030.5	42.82
252.0	001.5000	0170.9	026.2	084.3	001.2000	-0126.9	030.0	43.06
253.0	001.5000	0176.1	026.6	083.6	001.2000	-0123.4	029.5	43.27
254.0	001.5000	0176.4	026.6	082.7	001.2000	-0122.2	029.4	43.32
255.0	001.5000	0180.2	026.9	081.9	001.2000	-0120.7	029.1	43.48
256.0	001.5000	0184.0	027.1	081.0	001.2000	-0118.1	028.8	43.64
257.0	001.5000	0188.6	027.4	080.1	001.2000	-0116.7	028.5	43.82
258.0	001.5000	0191.6	027.6	079.1	001.2000	-0118.8	028.3	43.94
259.0	001.5000	0196.9	027.9	078.2	001.2000	-0121.9	027.9	44.14
260.0	001.5000	0203.4	028.4	077.1	001.2000	-0119.6	027.5	44.39
261.0	001.5000	0208.5	028.7	076.0	001.2000	-0115.5	027.2	44.57
262.0	001.5000	0213.1	029.0	074.9	001.2000	-0110.9	026.9	44.73
263.0	001.5000	0219.8	029.5	073.7	001.2000	-0109.1	026.5	44.97
264.0	001.5000	0227.5	030.0	072.4	001.2000	-0108.7	026.1	45.24
265.0	001.5000	0233.5	030.4	071.1	001.2000	-0109.7	025.8	45.41
266.0	001.5000	0236.9	030.6	069.8	001.2000	-0111.0	025.8	45.46
267.0	001.5000	0237.0	030.6	068.7	001.2000	-0110.8	025.9	45.36
268.0	001.5000	0235.5	030.5	067.6	001.2000	-0113.3	026.2	45.20
269.0	001.5000	0231.8	030.3	066.7	001.2000	-0114.1	026.6	44.94
270.0	001.5000	0228.6	030.1	065.9	001.2000	-0113.9	027.0	44.70
271.0	001.5000	0228.1	030.1	064.9	001.1945	-0110.4	027.2	44.52
272.0	001.5000	0225.6	029.9	064.1	001.1573	-0109.6	027.6	44.16
273.0	001.5000	0219.9	029.5	063.5	001.1325	-0110.5	028.2	43.73
274.0	001.5000	0216.1	029.2	062.9	001.1048	-0110.5	028.7	43.36
275.0	001.5000	0217.4	029.3	061.9	001.0652	-0105.7	028.9	43.10
276.0	001.5000	0210.3	028.8	061.6	001.0518	-0102.8	029.6	42.69
277.0	001.5000	0209.2	028.8	060.9	001.0216	-0097.4	029.9	42.39
278.0	001.5000	0212.7	029.0	059.8	000.9783	-0089.1	030.0	42.15
279.0	001.5000	0213.3	029.1	059.0	000.9453	-0079.8	030.3	41.86
280.0	001.5000	0210.2	028.8	058.6	000.9274	-0074.8	030.8	41.55
281.0	001.5000	0207.8	028.7	058.1	000.9089	-0072.8	031.2	41.26
282.0	001.5000	0205.4	028.5	057.6	000.8912	-0072.5	031.7	40.98



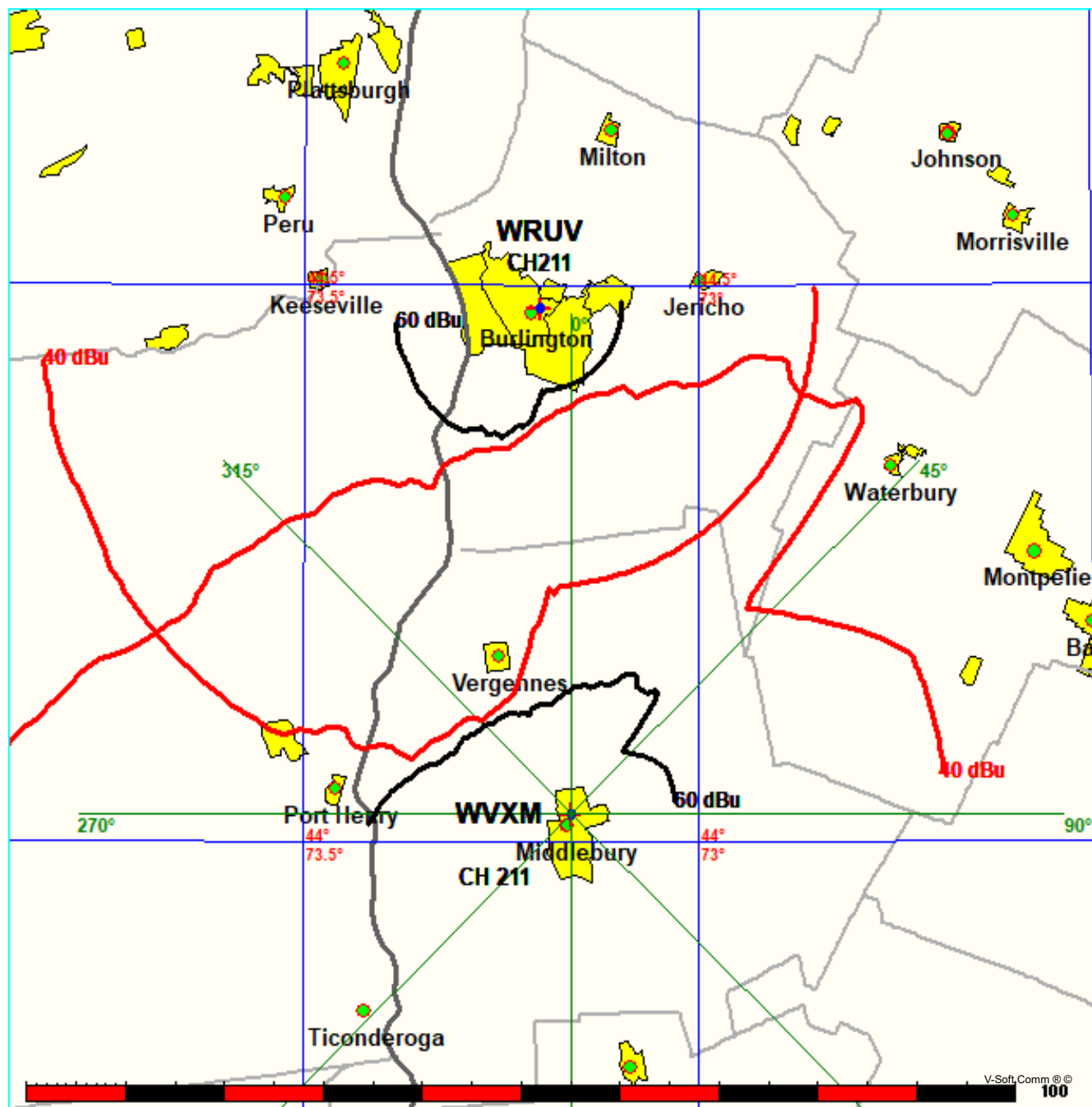
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
283.0	001.5000	0208.4	028.7	056.7	000.8561	-0070.5	031.9	40.73
284.0	001.5000	0215.6	029.2	055.4	000.8079	-0062.7	031.9	40.46
285.0	001.5000	0222.9	029.7	054.2	000.7623	-0052.5	032.0	40.18
286.0	001.5000	0229.7	030.2	053.0	000.7190	-0045.6	032.1	39.88
287.0	001.5000	0231.3	030.3	052.2	000.6941	-0046.8	032.5	39.59
288.0	001.5000	0230.9	030.3	051.7	000.6776	-0046.7	032.9	39.31
289.0	001.5000	0226.2	029.9	051.7	000.6761	-0046.7	033.6	39.07
290.0	001.5000	0224.3	029.8	051.4	000.6665	-0046.8	034.1	38.82
291.0	001.5000	0230.3	030.2	050.4	000.6328	-0045.1	034.3	38.50
292.0	001.5000	0234.3	030.5	049.6	000.6093	-0040.2	034.6	38.21
293.0	001.5000	0244.9	031.1	048.2	000.5758	-0032.6	034.8	37.90
294.0	001.5000	0247.6	031.3	047.6	000.5608	-0027.8	035.2	37.63
295.0	001.5000	0258.4	032.0	046.2	000.5287	-0017.9	035.5	37.29
296.0	001.5000	0258.8	032.0	045.9	000.5203	-0015.4	036.0	37.03
297.0	001.5000	0255.8	031.8	045.9	000.5198	-0015.2	036.6	36.82
298.0	001.5000	0253.1	031.6	045.8	000.5190	-0014.8	037.2	36.62
299.0	001.5000	0249.4	031.4	045.9	000.5204	-0015.5	037.8	36.43
300.0	001.5000	0242.3	031.0	046.3	000.5293	-0018.1	038.4	36.28
301.0	001.5000	0247.0	031.3	045.6	000.5150	-0013.0	038.9	36.02
302.0	001.5000	0255.5	031.8	044.7	000.4943	-0005.0	039.3	35.71
303.0	001.5000	0258.9	032.0	044.3	000.4836	-0001.0	039.8	35.45
304.0	001.5000	0259.6	032.0	044.0	000.4787	0000.9	040.3	35.24
305.0	001.5000	0258.1	031.9	044.0	000.4784	0001.0	040.9	35.06
306.0	001.5000	0257.8	031.9	043.9	000.4762	0001.9	041.4	34.87
307.0	001.5000	0257.4	031.9	043.9	000.4746	0002.6	042.0	34.69
308.0	001.5000	0265.2	032.4	043.1	000.4582	0009.1	042.5	34.39
309.0	001.5000	0270.9	032.7	042.6	000.4467	0013.0	043.0	34.13
310.0	001.5000	0273.6	032.9	042.4	000.4412	0014.9	043.6	33.92
311.0	001.5000	0276.3	033.0	042.1	000.4359	0016.7	044.1	33.71
312.0	001.5000	0282.3	033.4	041.7	000.4266	0021.5	044.7	33.47
313.0	001.5000	0284.2	033.5	041.5	000.4239	0022.5	045.3	33.29
314.0	001.5000	0283.5	033.4	041.6	000.4253	0022.0	045.9	33.16
315.0	001.5000	0284.9	033.5	041.5	000.4240	0022.5	046.5	33.00
316.0	001.5000	0285.8	033.6	041.5	000.4236	0022.7	047.1	32.86
317.0	001.5000	0292.8	034.0	041.1	000.4153	0025.8	047.7	32.63
318.0	001.5000	0296.9	034.2	040.9	000.4114	0026.6	048.3	32.45

Contour-to-Contour Map - WVXM vs WRUV  
Vermont Public Radio

FMCommander Single Allocation Study - 05-17-2018 - FCC 30 meter  
WVXM's Overlaps (In= 0.78 km, Out= 0.98 km)

WVXM CH 211 A DA  
Lat= 44 01 34.0, Lng= 73 09 44.0  
1.2 kW 96.7 m HAAT, 288.3 m COR  
Prot.= 60 dBu, Intef.= 40 dBu

WRUV CH 211 A BLED19961217KB  
Lat= 44 28 49.0, Lng= 73 12 07.0  
0.46 kW 40 m HAAT, 126 m COR  
Prot.= 60 dBu, Intef.= 40 dBu



05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WVXM

WRUV BLED19961217KB

Channel = 211A  
 Max ERP = 1.2 kW  
 RCAMSL = 288.3 m  
 N. Lat. 44 01 34.0  
 W. Lng. 73 09 44.0  
 Protected  
 60 dBu

Channel = 211A  
 Max ERP = 0.46 kW  
 RCAMSL = 126 m  
 N. Lat. 44 28 49.0  
 W. Lng. 73 12 07.0  
 Interfering  
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
296.0	000.0862	0183.3	013.5	191.3	000.4600	0065.9	045.5	38.97	
297.0	000.0824	0181.8	013.3	191.0	000.4600	0064.9	045.3	38.92	
298.0	000.0786	0185.3	013.2	190.9	000.4600	0064.3	045.1	38.93	
299.0	000.0744	0188.8	013.2	190.7	000.4600	0064.1	044.9	38.97	
300.0	000.0709	0195.1	013.2	190.7	000.4600	0064.0	044.7	39.04	
301.0	000.0680	0198.4	013.2	190.5	000.4600	0063.6	044.5	39.08	
302.0	000.0651	0202.2	013.2	190.4	000.4600	0063.3	044.3	39.12	
303.0	000.0624	0207.0	013.2	190.3	000.4600	0063.2	044.0	39.18	
304.0	000.0597	0211.5	013.2	190.2	000.4600	0063.1	043.8	39.24	
305.0	000.0570	0211.6	013.0	189.9	000.4600	0062.6	043.7	39.24	
306.0	000.0544	0212.6	012.9	189.6	000.4600	0062.4	043.5	39.27	
307.0	000.0519	0214.4	012.8	189.4	000.4600	0062.3	043.4	39.33	
308.0	000.0495	0216.1	012.7	189.1	000.4600	0062.7	043.2	39.42	
309.0	000.0470	0217.5	012.6	188.8	000.4600	0062.5	043.1	39.44	
310.0	000.0447	0218.5	012.5	188.6	000.4600	0062.8	043.0	39.53	
311.0	000.0442	0219.4	012.5	188.4	000.4600	0062.8	042.8	39.59	
312.0	000.0433	0219.1	012.4	188.2	000.4600	0062.7	042.6	39.63	
313.0	000.0429	0219.7	012.4	188.0	000.4600	0062.8	042.5	39.70	
314.0	000.0420	0219.9	012.3	187.7	000.4600	0062.4	042.3	39.71	
315.0	000.0415	0219.9	012.3	187.5	000.4600	0061.3	042.2	39.64	
316.0	000.0411	0218.7	012.2	187.3	000.4600	0060.4	042.0	39.59	
317.0	000.0402	0216.4	012.1	187.0	000.4600	0060.1	041.9	39.59	
318.0	000.0397	0213.7	012.0	186.7	000.4600	0059.5	041.9	39.55	
319.0	000.0389	0212.1	011.9	186.4	000.4600	0058.1	041.8	39.41	
320.0	000.0384	0212.5	011.9	186.2	000.4600	0058.0	041.6	39.45	
321.0	000.0384	0213.5	011.9	186.0	000.4600	0058.1	041.5	39.52	
322.0	000.0384	0214.8	011.9	185.8	000.4600	0057.8	041.3	39.54	
323.0	000.0384	0215.0	011.9	185.6	000.4600	0057.6	041.2	39.57	
324.0	000.0384	0212.3	011.9	185.3	000.4600	0057.6	041.1	39.60	
325.0	000.0384	0211.2	011.8	185.1	000.4600	0056.6	041.0	39.52	
326.0	000.0384	0211.6	011.9	184.9	000.4600	0055.6	040.8	39.43	
327.0	000.0384	0209.9	011.8	184.6	000.4600	0054.9	040.7	39.37	
328.0	000.0384	0206.4	011.7	184.3	000.4600	0054.4	040.7	39.31	
329.0	000.0384	0204.3	011.7	184.0	000.4600	0054.4	040.6	39.34	
330.0	000.0384	0200.7	011.6	183.7	000.4600	0053.2	040.6	39.18	
331.0	000.0384	0193.7	011.4	183.3	000.4600	0051.5	040.6	38.90	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
332.0	000.0384	0187.5	011.2	182.9	000.4600	0049.5	040.7	38.58
333.0	000.0384	0184.8	011.1	182.7	000.4600	0047.6	040.6	38.28
334.0	000.0384	0186.7	011.2	182.4	000.4600	0046.5	040.5	38.14
335.0	000.0389	0179.4	011.0	182.1	000.4600	0044.4	040.6	37.75
336.0	000.0389	0170.8	010.7	181.7	000.4600	0043.0	040.7	37.45
337.0	000.0389	0168.2	010.6	181.4	000.4600	0041.7	040.7	37.23
338.0	000.0389	0175.8	010.9	181.3	000.4600	0041.2	040.4	37.24
339.0	000.0389	0182.3	011.1	181.1	000.4600	0040.1	040.2	37.12
340.0	000.0389	0185.1	011.2	180.9	000.4600	0039.0	040.0	36.96
341.0	000.0389	0186.2	011.2	180.7	000.4600	0038.2	039.9	36.84
342.0	000.0389	0187.5	011.2	180.4	000.4600	0037.5	039.8	36.72
343.0	000.0389	0187.0	011.2	180.2	000.4600	0038.3	039.8	36.89
344.0	000.0389	0189.0	011.3	179.9	000.4600	0038.6	039.7	36.99
345.0	000.0389	0190.6	011.3	179.7	000.4600	0037.9	039.6	36.89
346.0	000.0389	0188.8	011.3	179.4	000.4600	0036.8	039.6	36.67
347.0	000.0389	0187.0	011.2	179.1	000.4600	0035.5	039.6	36.42
348.0	000.0389	0186.4	011.2	178.8	000.4600	0035.1	039.5	36.35
349.0	000.0389	0185.0	011.2	178.5	000.4600	0034.5	039.6	36.22
350.0	000.0389	0183.6	011.1	178.2	000.4600	0032.0	039.6	35.71
351.0	000.0411	0182.6	011.2	177.9	000.4600	0030.1	039.4	35.36
352.0	000.0429	0181.8	011.3	177.7	000.4600	0030.6	039.3	35.51
353.0	000.0452	0180.9	011.5	177.4	000.4600	0032.0	039.2	35.83
354.0	000.0475	0180.1	011.6	177.1	000.4600	0032.4	039.0	35.96
355.0	000.0499	0180.3	011.7	176.8	000.4600	0031.7	038.9	35.86
356.0	000.0519	0182.1	011.9	176.5	000.4600	0030.2	038.7	35.61
357.0	000.0544	0180.3	012.0	176.2	000.4600	0029.0	038.6	35.60
358.0	000.0570	0181.1	012.1	175.9	000.4600	0027.1	038.5	35.65
359.0	000.0591	0180.0	012.2	175.6	000.4600	0026.3	038.4	35.67
000.0	000.0618	0179.1	012.3	175.3	000.4600	0025.6	038.3	35.70
001.0	000.0651	0179.9	012.5	174.9	000.4600	0025.6	038.2	35.75
002.0	000.0685	0179.2	012.6	174.6	000.4600	0025.6	038.1	35.79
003.0	000.0720	0175.8	012.6	174.2	000.4600	0026.0	038.1	35.79
004.0	000.0756	0173.6	012.7	173.9	000.4600	0026.2	038.0	35.80
005.0	000.0793	0170.4	012.7	173.5	000.4600	0024.7	038.1	35.79
006.0	000.0824	0171.1	012.9	173.2	000.4600	0022.2	038.0	35.82
007.0	000.0862	0170.0	013.0	172.8	000.4600	0020.5	037.9	35.84
008.0	000.0901	0163.3	012.8	172.5	000.4600	0019.2	038.1	35.77
009.0	000.0941	0155.8	012.6	172.3	000.4600	0018.4	038.4	35.69
010.0	000.0982	0155.6	012.8	171.9	000.4600	0017.7	038.3	35.71
011.0	000.1037	0155.1	012.9	171.5	000.4600	0016.9	038.2	35.73
012.0	000.1087	0155.2	013.1	171.1	000.4600	0015.5	038.2	35.75
013.0	000.1146	0155.6	013.3	170.7	000.4600	0015.6	038.1	35.79
014.0	000.1198	0153.4	013.3	170.4	000.4600	0016.3	038.1	35.77
015.0	000.1260	0148.8	013.2	170.1	000.4600	0016.7	038.3	35.72
016.0	000.1315	0147.2	013.3	169.7	000.4600	0015.8	038.3	35.70
017.0	000.1371	0145.9	013.4	169.4	000.4600	0013.9	038.4	35.69
018.0	000.1437	0147.4	013.6	168.9	000.4600	0013.2	038.3	35.72
019.0	000.1504	0150.2	013.9	168.4	000.4600	0013.4	038.1	35.77
020.0	000.1564	0154.1	014.3	167.8	000.4600	0013.3	038.0	35.82
021.0	000.1643	0159.8	014.7	167.0	000.4600	0013.3	037.7	35.91
022.0	000.1733	0161.0	015.0	166.5	000.4600	0014.0	037.6	35.94

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
023.0	000.1816	0159.1	015.1	166.1	000.4600	0014.7	037.7	35.91
024.0	000.1901	0157.6	015.2	165.7	000.4600	0015.6	037.8	35.88
025.0	000.1988	0157.0	015.3	165.2	000.4600	0016.1	037.8	35.86
026.0	000.2087	0152.2	015.3	165.0	000.4600	0016.9	038.1	35.79
027.0	000.2178	0139.2	014.7	165.3	000.4600	0016.1	038.7	35.58
028.0	000.2271	0131.5	014.4	165.3	000.4600	0016.1	039.1	35.45
029.0	000.2376	0125.9	014.2	165.2	000.4600	0016.2	039.4	35.36
030.0	000.2473	0123.6	014.2	164.9	000.4600	0017.2	039.5	35.31
031.0	000.2606	0120.4	014.2	164.7	000.4600	0017.6	039.7	35.25
032.0	000.2742	0117.1	014.2	164.4	000.4600	0018.0	039.9	35.20
033.0	000.2869	0114.5	014.2	164.2	000.4600	0018.2	040.1	35.14
034.0	000.3012	0116.9	014.6	163.6	000.4600	0019.5	040.0	35.15
035.0	000.3158	0120.7	015.0	162.9	000.4600	0020.4	040.0	35.17
036.0	000.3307	0115.1	014.8	162.8	000.4600	0020.4	040.3	35.07
037.0	000.3460	0104.9	014.3	163.2	000.4600	0019.9	040.8	34.91
038.0	000.3604	0082.5	012.8	164.7	000.4600	0017.6	041.9	34.58
039.0	000.3763	0054.1	010.7	166.8	000.4600	0013.3	043.3	34.17
040.0	000.3926	0034.6	008.5	168.9	000.4600	0013.2	044.8	33.77
041.0	000.4135	0026.1	008.1	169.2	000.4600	0013.7	045.2	33.67
042.0	000.4334	0017.7	008.2	169.0	000.4600	0013.3	045.2	33.66
043.0	000.4553	0010.0	008.3	168.8	000.4600	0013.2	045.3	33.64
044.0	000.4778	0001.2	008.4	168.5	000.4600	0013.4	045.4	33.63
045.0	000.5008	-0008.1	008.5	168.3	000.4600	0013.5	045.4	33.61
046.0	000.5227	-0016.3	008.6	168.1	000.4600	0013.3	045.5	33.60
047.0	000.5468	-0022.3	008.7	167.9	000.4600	0013.2	045.6	33.58
048.0	000.5713	-0031.0	008.8	167.7	000.4600	0013.4	045.6	33.56
049.0	000.5947	-0036.8	008.9	167.5	000.4600	0013.2	045.7	33.53
050.0	000.6204	-0042.3	009.0	167.3	000.4600	0013.2	045.8	33.51
051.0	000.6536	-0047.2	009.1	167.1	000.4600	0013.2	045.9	33.49
052.0	000.6858	-0046.5	009.2	166.9	000.4600	0013.5	046.0	33.47
053.0	000.7207	-0045.7	009.4	166.6	000.4600	0013.5	046.1	33.44
054.0	000.7565	-0050.7	009.5	166.4	000.4600	0014.1	046.2	33.42
055.0	000.7912	-0059.8	009.6	166.2	000.4600	0014.7	046.3	33.39

05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WRUV BLED19961217KB

WVXM

Channel = 211A

Max ERP = 0.46 kW

RCAMSL = 126 m

N. Lat. 44 28 49.0

W. Lng. 73 12 07.0

Protected

60 dBu

Channel = 211A

Max ERP = 1.2 kW

RCAMSL = 288.3 m

N. Lat. 44 01 34.0

W. Lng. 73 09 44.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
116.0	000.4600	-0016.1	008.3	005.3	000.0801	0169.5	047.0	37.88	
117.0	000.4600	-0023.2	008.3	005.2	000.0799	0169.3	046.9	37.92	
118.0	000.4600	-0030.0	008.3	005.1	000.0797	0169.2	046.8	37.96	
119.0	000.4600	-0031.9	008.3	005.1	000.0795	0169.8	046.6	38.03	
120.0	000.4600	-0038.7	008.3	005.0	000.0792	0170.4	046.5	38.10	
121.0	000.4600	-0044.2	008.3	004.9	000.0789	0171.1	046.4	38.17	
122.0	000.4600	-0045.2	008.3	004.8	000.0786	0171.6	046.3	38.23	
123.0	000.4600	-0046.7	008.3	004.7	000.0783	0171.8	046.1	38.28	
124.0	000.4600	-0045.6	008.3	004.7	000.0780	0171.9	046.0	38.31	
125.0	000.4600	-0044.5	008.3	004.6	000.0777	0172.0	045.9	38.35	
126.0	000.4600	-0048.9	008.3	004.5	000.0773	0172.4	045.7	38.40	
127.0	000.4600	-0051.8	008.3	004.4	000.0770	0172.8	045.6	38.46	
128.0	000.4600	-0054.8	008.3	004.3	000.0766	0173.1	045.5	38.50	
129.0	000.4600	-0054.8	008.3	004.2	000.0763	0173.3	045.4	38.54	
130.0	000.4600	-0057.9	008.3	004.1	000.0759	0173.6	045.3	38.58	
131.0	000.4600	-0061.6	008.3	004.0	000.0755	0173.6	045.1	38.60	
132.0	000.4600	-0063.4	008.3	003.9	000.0751	0173.8	045.0	38.64	
133.0	000.4600	-0064.9	008.3	003.7	000.0746	0174.1	044.9	38.68	
134.0	000.4600	-0063.3	008.3	003.6	000.0742	0174.3	044.8	38.71	
135.0	000.4600	-0063.1	008.3	003.5	000.0738	0174.2	044.7	38.73	
136.0	000.4600	-0059.2	008.3	003.4	000.0733	0174.5	044.6	38.76	
137.0	000.4600	-0057.6	008.3	003.2	000.0729	0175.0	044.5	38.80	
138.0	000.4600	-0050.4	008.3	003.1	000.0724	0175.4	044.4	38.84	
139.0	000.4600	-0044.7	008.3	003.0	000.0720	0175.9	044.3	38.88	
140.0	000.4600	-0036.5	008.3	002.8	000.0715	0176.7	044.2	38.93	
141.0	000.4600	-0031.3	008.3	002.7	000.0710	0177.2	044.1	38.96	
142.0	000.4600	-0026.5	008.3	002.6	000.0705	0177.6	044.0	39.00	
143.0	000.4600	-0022.1	008.3	002.4	000.0700	0178.2	043.9	39.03	
144.0	000.4600	-0021.4	008.3	002.3	000.0695	0178.5	043.8	39.05	
145.0	000.4600	-0028.3	008.3	002.1	000.0689	0178.9	043.7	39.08	
146.0	000.4600	-0040.5	008.3	002.0	000.0684	0179.3	043.6	39.10	
147.0	000.4600	-0051.1	008.3	001.8	000.0679	0179.7	043.5	39.12	
148.0	000.4600	-0054.8	008.3	001.6	000.0673	0179.8	043.5	39.13	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
149.0	000.4600	-0047.2	008.3	001.5	000.0668	0180.0	043.4	39.14
150.0	000.4600	-0038.2	008.3	001.3	000.0662	0180.1	043.3	39.14
151.0	000.4600	-0030.2	008.3	001.2	000.0657	0179.9	043.2	39.13
152.0	000.4600	-0021.2	008.3	001.0	000.0651	0179.9	043.2	39.12
153.0	000.4600	-0009.5	008.3	000.8	000.0646	0180.0	043.1	39.12
154.0	000.4600	-0000.9	008.3	000.7	000.0640	0179.8	043.0	39.10
155.0	000.4600	0007.3	008.3	000.5	000.0634	0179.4	043.0	39.07
156.0	000.4600	0010.3	008.3	000.3	000.0628	0179.2	042.9	39.05
157.0	000.4600	0009.4	008.3	000.1	000.0622	0179.1	042.8	39.03
158.0	000.4600	0010.2	008.3	359.9	000.0617	0179.0	042.8	39.01
159.0	000.4600	0011.2	008.3	359.8	000.0612	0178.9	042.7	38.99
160.0	000.4600	0014.4	008.3	359.6	000.0607	0178.8	042.7	38.97
161.0	000.4600	0019.2	008.3	359.4	000.0602	0179.2	042.6	38.98
162.0	000.4600	0019.9	008.3	359.2	000.0597	0179.6	042.6	38.98
163.0	000.4600	0020.2	008.3	359.0	000.0592	0180.0	042.6	38.98
164.0	000.4600	0018.6	008.3	358.8	000.0588	0180.3	042.5	38.98
165.0	000.4600	0016.9	008.3	358.6	000.0584	0180.5	042.5	38.98
166.0	000.4600	0014.8	008.3	358.5	000.0580	0180.7	042.4	38.97
167.0	000.4600	0013.4	008.3	358.3	000.0576	0181.3	042.4	38.98
168.0	000.4600	0013.2	008.3	358.1	000.0572	0181.4	042.4	38.97
169.0	000.4600	0013.3	008.3	357.9	000.0567	0180.7	042.4	38.91
170.0	000.4600	0016.5	008.3	357.7	000.0562	0180.3	042.3	38.87
171.0	000.4600	0015.3	008.3	357.5	000.0557	0180.3	042.3	38.83
172.0	000.4600	0017.8	008.3	357.3	000.0552	0180.1	042.3	38.79
173.0	000.4600	0021.0	008.3	357.1	000.0547	0180.3	042.3	38.77
174.0	000.4600	0026.2	008.3	356.9	000.0542	0180.3	042.3	38.73
175.0	000.4600	0025.5	008.3	356.7	000.0537	0180.7	042.3	38.71
176.0	000.4600	0027.7	008.3	356.5	000.0532	0181.6	042.3	38.71
177.0	000.4600	0032.2	008.6	356.3	000.0527	0182.2	042.0	38.83
178.0	000.4600	0030.3	008.4	356.1	000.0522	0182.3	042.2	38.68
179.0	000.4600	0035.3	009.0	355.9	000.0517	0181.8	041.6	38.90
180.0	000.4600	0038.7	009.4	355.6	000.0511	0181.6	041.2	39.04
181.0	000.4600	0039.4	009.5	355.4	000.0507	0181.2	041.1	39.01
182.0	000.4600	0044.2	010.1	355.0	000.0500	0180.4	040.5	39.19
183.0	000.4600	0049.8	010.8	354.7	000.0491	0179.9	039.9	39.38
184.0	000.4600	0054.4	011.3	354.3	000.0482	0180.3	039.5	39.53
185.0	000.4600	0056.2	011.4	353.9	000.0474	0180.1	039.3	39.51
186.0	000.4600	0058.1	011.6	353.6	000.0466	0180.0	039.2	39.50
187.0	000.4600	0060.2	011.8	353.2	000.0457	0180.5	039.1	39.51
188.0	000.4600	0062.8	012.0	352.9	000.0449	0181.0	038.9	39.52
189.0	000.4600	0062.6	012.0	352.6	000.0442	0181.0	039.0	39.42
190.0	000.4600	0062.7	012.0	352.3	000.0435	0181.4	039.0	39.34
191.0	000.4600	0064.9	012.2	351.9	000.0427	0181.9	038.9	39.33
192.0	000.4600	0068.4	012.5	351.5	000.0419	0182.3	038.7	39.36
193.0	000.4600	0071.0	012.7	351.1	000.0412	0182.6	038.6	39.35
194.0	000.4600	0073.0	012.8	350.7	000.0403	0183.1	038.6	39.31
195.0	000.4600	0076.7	013.1	350.2	000.0393	0183.3	038.4	39.29
196.0	000.4600	0081.3	013.5	349.6	000.0389	0184.7	038.2	39.42
197.0	000.4600	0081.1	013.5	349.3	000.0389	0184.9	038.3	39.37
198.0	000.4600	0080.3	013.4	349.1	000.0389	0184.9	038.5	39.30
199.0	000.4600	0079.4	013.3	348.8	000.0389	0185.2	038.6	39.22

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
200.0	000.4600	0079.3	013.3	348.5	000.0389	0185.6	038.8	39.18
201.0	000.4600	0081.4	013.5	348.1	000.0389	0186.2	038.7	39.21
202.0	000.4600	0083.9	013.7	347.6	000.0389	0186.8	038.7	39.26
203.0	000.4600	0083.8	013.7	347.4	000.0389	0186.8	038.8	39.19
204.0	000.4600	0082.6	013.6	347.2	000.0389	0186.9	039.1	39.09
205.0	000.4600	0079.6	013.3	347.1	000.0389	0186.9	039.4	38.93
206.0	000.4600	0080.1	013.4	346.8	000.0389	0187.1	039.5	38.88
207.0	000.4600	0082.0	013.5	346.4	000.0389	0187.9	039.5	38.91
208.0	000.4600	0085.5	013.8	345.9	000.0389	0188.8	039.5	38.98
209.0	000.4600	0087.0	013.9	345.5	000.0389	0189.7	039.6	38.98
210.0	000.4600	0088.2	014.0	345.1	000.0389	0190.3	039.7	38.96
211.0	000.4600	0092.9	014.4	344.5	000.0389	0190.8	039.6	39.03
212.0	000.4600	0094.4	014.5	344.1	000.0389	0189.6	039.7	38.92
213.0	000.4600	0094.8	014.6	343.8	000.0389	0188.2	039.8	38.78
214.0	000.4600	0094.5	014.6	343.6	000.0389	0186.9	040.1	38.62
215.0	000.4600	0094.8	014.6	343.4	000.0389	0185.9	040.2	38.49
216.0	000.4600	0095.3	014.6	343.1	000.0389	0186.6	040.4	38.44
217.0	000.4600	0095.7	014.6	342.9	000.0389	0187.5	040.6	38.39
218.0	000.4600	0096.2	014.7	342.6	000.0389	0187.9	040.8	38.32
219.0	000.4600	0095.8	014.7	342.4	000.0389	0188.0	041.0	38.22
220.0	000.4600	0095.9	014.7	342.2	000.0389	0188.0	041.2	38.12
221.0	000.4600	0096.0	014.7	342.0	000.0389	0187.6	041.4	38.01
222.0	000.4600	0096.2	014.7	341.8	000.0389	0187.1	041.7	37.89
223.0	000.4600	0096.4	014.7	341.6	000.0389	0186.8	041.9	37.78
224.0	000.4600	0096.7	014.7	341.4	000.0389	0186.5	042.1	37.67
225.0	000.4600	0096.7	014.7	341.3	000.0389	0186.5	042.3	37.56
226.0	000.4600	0096.8	014.7	341.1	000.0389	0186.5	042.5	37.46
227.0	000.4600	0096.8	014.7	341.0	000.0389	0186.2	042.8	37.34
228.0	000.4600	0096.9	014.7	340.8	000.0389	0185.9	043.0	37.22
229.0	000.4600	0096.9	014.7	340.7	000.0389	0185.5	043.3	37.10
230.0	000.4600	0096.9	014.7	340.6	000.0389	0185.2	043.5	36.98
231.0	000.4600	0096.9	014.7	340.5	000.0389	0185.0	043.7	36.86
232.0	000.4600	0096.9	014.7	340.4	000.0389	0184.8	044.0	36.75
233.0	000.4600	0096.9	014.7	340.3	000.0389	0184.9	044.2	36.65
234.0	000.4600	0096.9	014.7	340.2	000.0389	0184.9	044.5	36.54
235.0	000.4600	0096.9	014.7	340.1	000.0389	0185.0	044.7	36.44

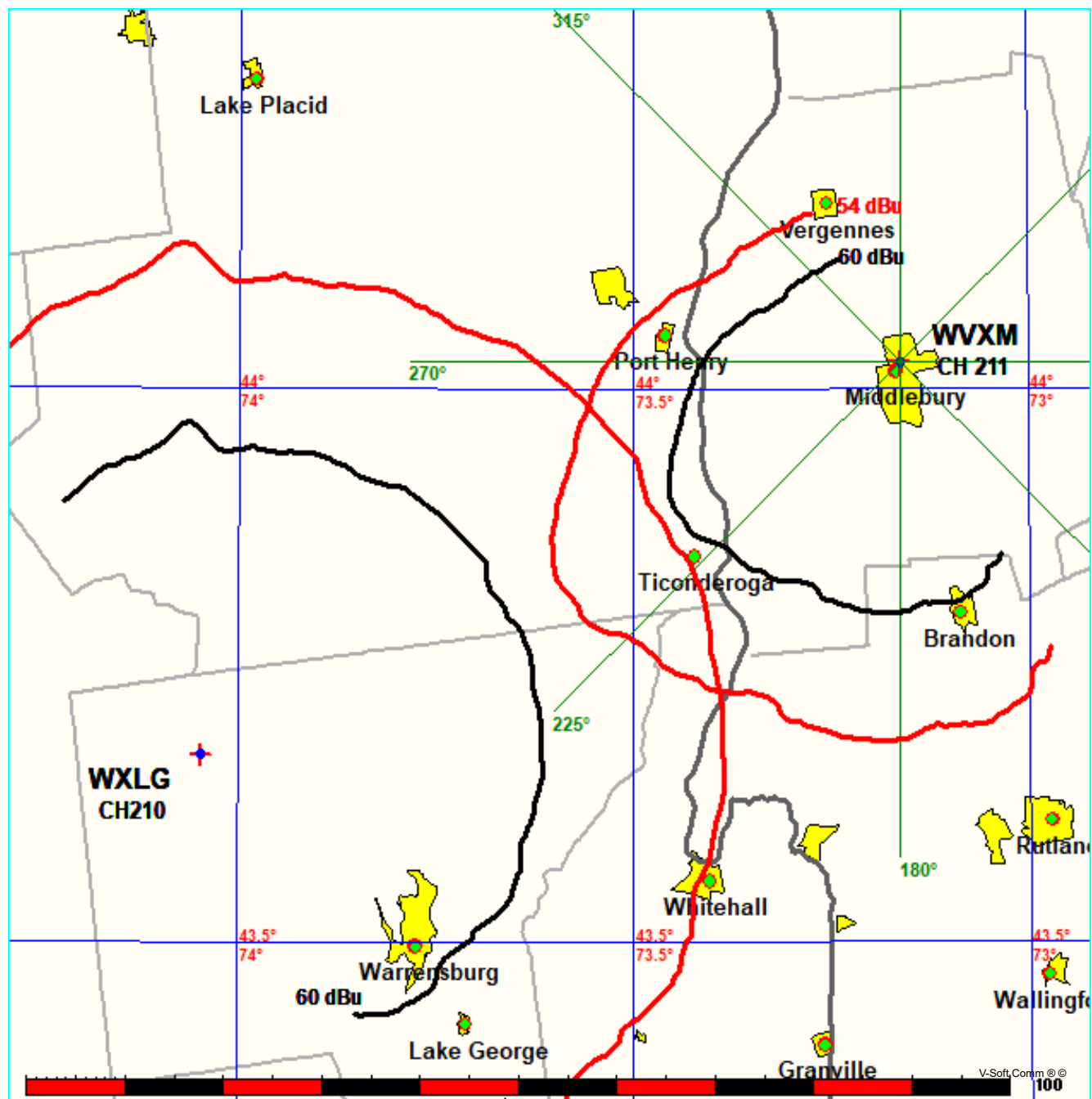


Contour-to-Contour Map - WVXM vs WXLG  
Vermont Public Radio

FMCommander Single Allocation Study - 05-17-2018 - FCC 30 meter  
WVXM's Overlaps (In= 1.67 km, Out= 5.99 km)

WVXM CH 211 A DA  
Lat= 44 01 34.0, Lng= 73 09 44.0  
1.2 kW 96.7 m HAAT, 288.3 m COR  
Prot.= 60 dBu, Intef.= 54 dBu

WXLG CH 210 C3 BLED19950206KF  
Lat= 43 40 22.0, Lng= 74 02 58.0  
0.2 kW 608 m HAAT, 1124 m COR  
Prot.= 60 dBu, Intef.= 54 dBu



05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WVXM

WXLG BLED19950206KF

Channel = 211A

Max ERP = 1.2 kW

RCAMSL = 288.3 m

N. Lat. 44 01 34.0

W. Lng. 73 09 44.0

Protected

60 dBu

Channel = 210C3

Max ERP = 0.2 kW

RCAMSL = 1124 m

N. Lat. 43 40 22.0

W. Lng. 74 02 58.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
181.0	001.2000	0179.3	025.5	078.7	000.2000	0743.6	072.2	47.56	
182.0	001.2000	0178.8	025.5	078.6	000.2000	0744.1	071.7	47.69	
183.0	001.2000	0178.8	025.5	078.5	000.2000	0744.7	071.3	47.83	
184.0	001.2000	0179.3	025.5	078.4	000.2000	0745.1	070.9	47.97	
185.0	001.2000	0179.2	025.5	078.3	000.2000	0745.8	070.4	48.11	
186.0	001.2000	0179.5	025.5	078.2	000.2000	0746.2	070.0	48.25	
187.0	001.2000	0179.5	025.5	078.1	000.2000	0746.8	069.6	48.38	
188.0	001.2000	0179.4	025.5	078.0	000.2000	0747.7	069.2	48.52	
189.0	001.2000	0179.3	025.5	077.9	000.2000	0748.8	068.7	48.67	
190.0	001.2000	0178.3	025.4	077.7	000.2000	0750.1	068.3	48.80	
191.0	001.2000	0176.6	025.3	077.5	000.2000	0751.4	068.0	48.93	
192.0	001.2000	0175.4	025.3	077.3	000.2000	0752.2	067.6	49.06	
193.0	001.2000	0176.3	025.3	077.2	000.2000	0752.7	067.2	49.20	
194.0	001.2000	0176.6	025.3	077.0	000.2000	0753.5	066.8	49.33	
195.0	001.2000	0174.8	025.2	076.7	000.2000	0754.4	066.4	49.45	
196.0	001.2000	0173.5	025.1	076.5	000.2000	0754.7	066.1	49.56	
197.0	001.2000	0175.6	025.3	076.4	000.2000	0754.9	065.6	49.71	
198.0	001.2000	0175.4	025.3	076.2	000.2000	0755.4	065.3	49.83	
199.0	001.2000	0170.0	024.9	075.7	000.2000	0756.9	065.1	49.91	
200.0	001.2000	0164.0	024.5	075.2	000.2000	0759.2	064.9	49.98	
201.0	001.2000	0162.7	024.4	075.0	000.2000	0760.3	064.6	50.09	
202.0	001.2000	0160.8	024.3	074.6	000.2000	0761.0	064.4	50.19	
203.0	001.2000	0161.2	024.3	074.4	000.2000	0761.2	064.0	50.30	
204.0	001.2000	0162.9	024.4	074.3	000.2000	0761.4	063.6	50.44	
205.0	001.2000	0163.0	024.4	074.0	000.2000	0762.0	063.3	50.55	
206.0	001.2000	0167.5	024.7	074.0	000.2000	0762.1	062.7	50.72	
207.0	001.2000	0171.1	025.0	073.9	000.2000	0762.5	062.3	50.89	
208.0	001.2000	0173.6	025.1	073.7	000.2000	0762.8	061.8	51.04	
209.0	001.2000	0176.7	025.3	073.6	000.2000	0763.0	061.4	51.19	
210.0	001.2000	0178.3	025.4	073.3	000.2000	0763.1	061.0	51.32	
211.0	001.2000	0179.8	025.5	073.1	000.2000	0763.0	060.6	51.45	
212.0	001.2000	0177.8	025.4	072.7	000.2000	0762.4	060.4	51.51	
213.0	001.2000	0177.2	025.4	072.4	000.2000	0761.6	060.2	51.59	
214.0	001.2000	0179.6	025.5	072.1	000.2000	0760.8	059.8	51.72	
215.0	001.2000	0183.5	025.7	071.9	000.2000	0760.4	059.3	51.87	
216.0	001.2000	0186.1	025.9	071.7	000.2000	0759.9	058.9	52.01	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
217.0	001.2000	0185.5	025.9	071.3	000.2000	0758.8	058.7	52.08
218.0	001.2000	0186.4	025.9	070.9	000.2000	0757.7	058.4	52.17
219.0	001.2000	0185.3	025.9	070.5	000.2000	0757.4	058.2	52.23
220.0	001.2000	0184.7	025.8	070.1	000.2000	0757.2	058.0	52.30
221.0	001.2000	0185.0	025.8	069.8	000.2000	0756.9	057.8	52.38
222.0	001.2000	0184.5	025.8	069.4	000.2000	0757.2	057.6	52.46
223.0	001.2000	0185.3	025.9	069.0	000.2000	0756.5	057.3	52.54
224.0	001.2000	0187.6	026.0	068.6	000.2000	0755.1	057.0	52.64
225.0	001.2000	0188.9	026.1	068.2	000.2000	0752.8	056.7	52.70
226.0	001.2000	0192.3	026.3	067.9	000.2000	0749.1	056.4	52.79
227.0	001.2000	0198.6	026.7	067.6	000.2000	0745.1	055.8	52.93
228.0	001.2000	0202.6	026.9	067.2	000.2000	0738.8	055.4	53.00
229.0	001.2000	0205.5	027.1	066.8	000.2000	0731.1	055.1	53.02
230.0	001.2000	0208.1	027.3	066.4	000.2000	0729.6	054.8	53.12
231.0	001.2000	0210.0	027.4	066.0	000.2000	0731.1	054.5	53.23
232.0	001.2000	0208.4	027.3	065.5	000.2000	0732.6	054.5	53.25
233.0	001.2000	0206.3	027.2	065.0	000.2000	0732.3	054.5	53.24
234.0	001.2000	0206.3	027.2	064.5	000.2000	0731.4	054.4	53.27
235.0	001.2000	0206.0	027.1	064.0	000.2000	0731.1	054.4	53.29
236.0	001.2000	0207.5	027.2	063.5	000.2000	0730.9	054.2	53.35
237.0	001.2000	0209.5	027.4	063.0	000.2000	0728.5	054.0	53.38
238.0	001.2000	0208.5	027.3	062.5	000.2000	0724.1	054.0	53.32
239.0	001.1619	0208.9	027.1	062.0	000.2000	0719.7	054.2	53.22
240.0	001.1268	0209.1	026.9	061.5	000.2000	0717.1	054.3	53.13
241.0	001.0807	0210.3	026.8	061.0	000.2000	0717.4	054.5	53.07
242.0	001.0356	0209.9	026.5	060.5	000.2000	0718.6	054.8	52.98
243.0	000.9915	0211.1	026.3	060.0	000.2000	0721.7	055.0	52.95
244.0	000.9484	0210.7	026.0	059.6	000.2000	0724.2	055.3	52.87
245.0	000.9062	0208.9	025.6	059.1	000.2000	0725.5	055.7	52.73
246.0	000.8670	0208.9	025.4	058.7	000.2000	0729.7	056.0	52.68
247.0	000.8267	0209.7	025.2	058.3	000.2000	0735.2	056.3	52.65
248.0	000.7873	0209.7	024.9	057.9	000.2000	0740.7	056.6	52.59
249.0	000.7489	0208.7	024.5	057.5	000.2000	0745.2	057.0	52.50
250.0	000.7115	0207.4	024.2	057.2	000.2000	0748.7	057.5	52.39
251.0	000.6822	0206.5	023.9	056.8	000.2000	0751.6	057.8	52.29
252.0	000.6536	0205.7	023.6	056.5	000.2000	0753.3	058.2	52.18
253.0	000.6255	0204.7	023.3	056.2	000.2000	0754.2	058.6	52.06
254.0	000.5981	0203.9	023.1	055.9	000.2000	0754.2	059.0	51.92
255.0	000.5730	0204.5	022.9	055.6	000.2000	0753.4	059.3	51.80
256.0	000.5468	0205.7	022.7	055.3	000.2000	0752.4	059.6	51.68
257.0	000.5211	0207.0	022.5	055.0	000.2000	0751.0	059.9	51.55
258.0	000.4961	0208.5	022.3	054.7	000.2000	0749.4	060.2	51.42
259.0	000.4718	0209.9	022.1	054.4	000.2000	0747.8	060.5	51.29
260.0	000.4480	0210.0	021.9	054.2	000.2000	0746.7	060.9	51.14
261.0	000.4306	0209.3	021.6	054.0	000.2000	0745.4	061.3	50.99
262.0	000.4121	0209.6	021.4	053.8	000.2000	0744.4	061.7	50.86
263.0	000.3940	0210.5	021.2	053.5	000.2000	0743.6	062.0	50.74
264.0	000.3777	0211.9	021.1	053.3	000.2000	0742.7	062.3	50.62
265.0	000.3617	0212.9	020.9	053.1	000.2000	0741.9	062.7	50.50
266.0	000.3448	0213.5	020.7	052.9	000.2000	0741.0	063.0	50.37
267.0	000.3295	0214.9	020.5	052.7	000.2000	0740.2	063.4	50.25

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
268.0	000.3133	0214.7	020.3	052.6	000.2000	0739.9	063.8	50.11
269.0	000.2976	0214.4	020.0	052.5	000.2000	0739.6	064.2	49.97
270.0	000.2834	0214.0	019.8	052.4	000.2000	0739.2	064.6	49.83
271.0	000.2719	0213.9	019.6	052.2	000.2000	0738.8	065.0	49.71
272.0	000.2606	0215.2	019.4	052.1	000.2000	0738.5	065.3	49.60
273.0	000.2495	0214.9	019.2	052.0	000.2000	0738.4	065.7	49.48
274.0	000.2387	0214.1	018.9	051.9	000.2000	0738.3	066.1	49.35
275.0	000.2281	0211.7	018.6	051.9	000.2000	0738.3	066.6	49.21
276.0	000.2178	0212.3	018.4	051.8	000.2000	0738.0	066.9	49.09
277.0	000.2077	0211.9	018.2	051.7	000.2000	0737.9	067.3	48.96
278.0	000.1978	0210.8	017.9	051.7	000.2000	0737.8	067.7	48.83
279.0	000.1882	0208.3	017.6	051.7	000.2000	0737.9	068.2	48.69
280.0	000.1788	0204.8	017.2	051.8	000.2000	0738.1	068.7	48.55
281.0	000.1715	0203.9	016.9	051.8	000.2000	0738.0	069.1	48.43
282.0	000.1643	0202.5	016.7	051.8	000.2000	0738.0	069.4	48.31
283.0	000.1573	0200.2	016.4	051.8	000.2000	0738.1	069.9	48.19
284.0	000.1504	0199.9	016.2	051.8	000.2000	0738.1	070.2	48.08
285.0	000.1437	0201.1	016.0	051.8	000.2000	0738.0	070.5	47.98
286.0	000.1371	0200.8	015.8	051.8	000.2000	0738.0	070.9	47.87
287.0	000.1307	0200.4	015.6	051.8	000.2000	0738.0	071.2	47.76
288.0	000.1244	0198.5	015.3	051.8	000.2000	0738.2	071.6	47.65
289.0	000.1183	0193.3	014.9	052.0	000.2000	0738.4	072.0	47.52
290.0	000.1124	0188.9	014.6	052.1	000.2000	0738.5	072.5	47.40
291.0	000.1080	0185.9	014.3	052.2	000.2000	0738.7	072.8	47.30
292.0	000.1030	0184.5	014.1	052.2	000.2000	0738.8	073.1	47.20
293.0	000.0988	0183.1	013.9	052.2	000.2000	0738.8	073.4	47.11
294.0	000.0948	0183.5	013.8	052.2	000.2000	0738.8	073.7	47.02
295.0	000.0908	0184.1	013.7	052.2	000.2000	0738.8	074.0	46.94
296.0	000.0862	0183.3	013.5	052.3	000.2000	0739.0	074.3	46.85
297.0	000.0824	0181.8	013.3	052.3	000.2000	0739.1	074.6	46.77
298.0	000.0786	0185.3	013.2	052.3	000.2000	0739.0	074.8	46.70
299.0	000.0744	0188.8	013.2	052.3	000.2000	0738.9	075.0	46.62
300.0	000.0709	0195.1	013.2	052.2	000.2000	0738.7	075.2	46.56

05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WXLG BLED19950206KF

WVXM

Channel = 210C3

Max ERP = 0.2 kW

RCAMSL = 1124 m

N. Lat. 43 40 22.0

W. Lng. 74 02 58.0

Protected

60 dBu

Channel = 211A

Max ERP = 1.2 kW

RCAMSL = 288.3 m

N. Lat. 44 01 34.0

W. Lng. 73 09 44.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
001.0	000.2000	0642.9	031.6	264.1	000.3764	0212.0	070.8	37.77	
002.0	000.2000	0624.9	031.1	263.6	000.3838	0211.2	070.4	37.99	
003.0	000.2000	0602.2	030.5	263.1	000.3930	0210.6	069.9	38.21	
004.0	000.2000	0591.8	030.2	262.8	000.3984	0210.1	069.5	38.40	
005.0	000.2000	0590.6	030.2	262.6	000.4005	0210.0	069.0	38.59	
006.0	000.2000	0594.5	030.3	262.6	000.4009	0209.9	068.4	38.77	
007.0	000.2000	0599.4	030.4	262.6	000.4010	0209.9	067.9	38.96	
008.0	000.2000	0603.9	030.6	262.6	000.4015	0209.9	067.3	39.15	
009.0	000.2000	0613.2	030.8	262.7	000.4001	0210.0	066.7	39.33	
010.0	000.2000	0623.7	031.1	262.7	000.3985	0210.1	066.1	39.52	
011.0	000.2000	0616.7	030.9	262.4	000.4040	0209.6	065.7	39.72	
012.0	000.2000	0617.5	030.9	262.3	000.4065	0209.5	065.2	39.92	
013.0	000.2000	0618.9	031.0	262.2	000.4091	0209.5	064.7	40.12	
014.0	000.2000	0618.7	030.9	262.0	000.4125	0209.5	064.2	40.33	
015.0	000.2000	0619.4	031.0	261.8	000.4157	0209.5	063.7	40.54	
016.0	000.2000	0624.7	031.1	261.7	000.4172	0209.5	063.1	40.75	
017.0	000.2000	0634.8	031.4	261.7	000.4170	0209.5	062.5	40.96	
018.0	000.2000	0639.6	031.5	261.6	000.4192	0209.4	061.9	41.18	
019.0	000.2000	0642.2	031.6	261.4	000.4224	0209.3	061.4	41.40	
020.0	000.2000	0649.8	031.8	261.4	000.4238	0209.3	060.8	41.62	
021.0	000.2000	0656.5	032.0	261.3	000.4259	0209.2	060.3	41.85	
022.0	000.2000	0662.0	032.1	261.1	000.4286	0209.2	059.7	42.09	
023.0	000.2000	0664.3	032.2	260.9	000.4328	0209.3	059.2	42.33	
024.0	000.2000	0662.0	032.1	260.5	000.4389	0209.6	058.8	42.56	
025.0	000.2000	0659.2	032.1	260.1	000.4455	0209.9	058.3	42.80	
026.0	000.2000	0659.9	032.1	259.8	000.4519	0210.2	057.9	43.05	
027.0	000.2000	0661.8	032.1	259.5	000.4589	0210.0	057.4	43.29	
028.0	000.2000	0661.3	032.1	259.2	000.4676	0210.0	057.0	43.54	
029.0	000.2000	0661.3	032.1	258.8	000.4764	0209.8	056.5	43.78	
030.0	000.2000	0658.7	032.0	258.4	000.4869	0209.6	056.2	44.01	
031.0	000.2000	0657.9	032.0	258.0	000.4970	0208.3	055.8	44.20	
032.0	000.2000	0662.8	032.2	257.7	000.5044	0208.0	055.3	44.44	
033.0	000.2000	0668.8	032.3	257.4	000.5117	0207.7	054.8	44.69	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
034.0	000.2000	0674.2	032.5	257.1	000.5199	0207.0	054.3	44.93
035.0	000.2000	0682.3	032.7	256.8	000.5271	0206.5	053.7	45.18
036.0	000.2000	0691.2	033.0	256.5	000.5346	0206.1	053.2	45.45
037.0	000.2000	0701.4	033.3	256.2	000.5420	0205.8	052.6	45.72
038.0	000.2000	0710.0	033.5	255.8	000.5508	0205.6	052.0	46.00
039.0	000.2000	0713.7	033.6	255.4	000.5626	0204.9	051.6	46.23
040.0	000.2000	0716.3	033.7	254.9	000.5754	0204.4	051.2	46.46
041.0	000.2000	0717.5	033.7	254.4	000.5887	0203.6	050.8	46.67
042.0	000.2000	0718.2	033.7	253.8	000.6030	0204.1	050.5	46.92
043.0	000.2000	0720.1	033.8	253.3	000.6180	0204.4	050.2	47.18
044.0	000.2000	0721.9	033.8	252.7	000.6336	0204.9	049.8	47.44
045.0	000.2000	0726.0	034.0	252.2	000.6490	0205.5	049.5	47.72
046.0	000.2000	0728.9	034.0	251.6	000.6654	0206.0	049.1	47.98
047.0	000.2000	0730.2	034.1	251.0	000.6832	0206.5	048.8	48.23
048.0	000.2000	0733.2	034.2	250.4	000.7010	0207.0	048.5	48.49
049.0	000.2000	0735.1	034.2	249.7	000.7219	0207.9	048.3	48.76
050.0	000.2000	0734.9	034.2	249.0	000.7471	0208.7	048.1	49.02
051.0	000.2000	0736.4	034.2	248.4	000.7725	0209.7	047.9	49.30
052.0	000.2000	0738.4	034.3	247.7	000.7986	0209.9	047.7	49.54
053.0	000.2000	0741.4	034.4	247.0	000.8253	0209.8	047.4	49.77
054.0	000.2000	0745.5	034.5	246.4	000.8526	0208.9	047.2	49.97
055.0	000.2000	0751.1	034.7	245.7	000.8799	0208.6	046.9	50.20
056.0	000.2000	0754.3	034.7	245.0	000.9081	0209.0	046.7	50.43
057.0	000.2000	0750.3	034.6	244.2	000.9398	0210.1	046.8	50.62
058.0	000.2000	0739.2	034.3	243.4	000.9728	0211.6	047.0	50.73
059.0	000.2000	0726.3	034.0	242.7	001.0056	0210.5	047.3	50.70
060.0	000.2000	0721.8	033.8	242.0	001.0375	0209.9	047.4	50.77
061.0	000.2000	0717.4	033.7	241.2	001.0695	0210.9	047.5	50.90
062.0	000.2000	0719.8	033.8	240.5	001.1020	0209.5	047.5	50.98
063.0	000.2000	0728.4	034.0	239.8	001.1336	0208.8	047.3	51.16
064.0	000.2000	0731.1	034.1	239.1	001.1591	0208.9	047.3	51.27
065.0	000.2000	0732.4	034.1	238.4	001.1863	0208.6	047.3	51.34
066.0	000.2000	0731.0	034.1	237.7	001.2000	0208.7	047.4	51.35
067.0	000.2000	0733.7	034.2	236.9	001.2000	0209.5	047.4	51.37
068.0	000.2000	0750.4	034.6	236.1	001.2000	0207.6	047.1	51.42
069.0	000.2000	0756.6	034.8	235.3	001.2000	0206.2	047.1	51.37
070.0	000.2000	0757.1	034.8	234.6	001.2000	0206.1	047.2	51.30
071.0	000.2000	0757.8	034.8	233.9	001.2000	0206.2	047.4	51.24
072.0	000.2000	0760.5	034.9	233.2	001.2000	0206.4	047.5	51.20
073.0	000.2000	0762.9	035.0	232.5	001.2000	0206.6	047.7	51.15
074.0	000.2000	0762.1	035.0	231.8	001.2000	0209.2	047.9	51.17
075.0	000.2000	0760.1	034.9	231.2	001.2000	0210.1	048.2	51.10
076.0	000.2000	0755.9	034.8	230.6	001.2000	0209.0	048.6	50.90
077.0	000.2000	0753.5	034.7	230.0	001.2000	0208.0	048.9	50.73
078.0	000.2000	0747.7	034.6	229.4	001.2000	0206.7	049.3	50.50
079.0	000.2000	0743.3	034.4	228.9	001.2000	0205.4	049.7	50.28
080.0	000.2000	0748.8	034.6	228.2	001.2000	0203.4	049.9	50.11
081.0	000.2000	0752.6	034.7	227.6	001.2000	0201.1	050.2	49.91
082.0	000.2000	0754.4	034.7	227.0	001.2000	0198.4	050.5	49.66
083.0	000.2000	0755.1	034.8	226.4	001.2000	0195.5	050.8	49.39
084.0	000.2000	0757.7	034.8	225.8	001.2000	0191.0	051.1	49.06

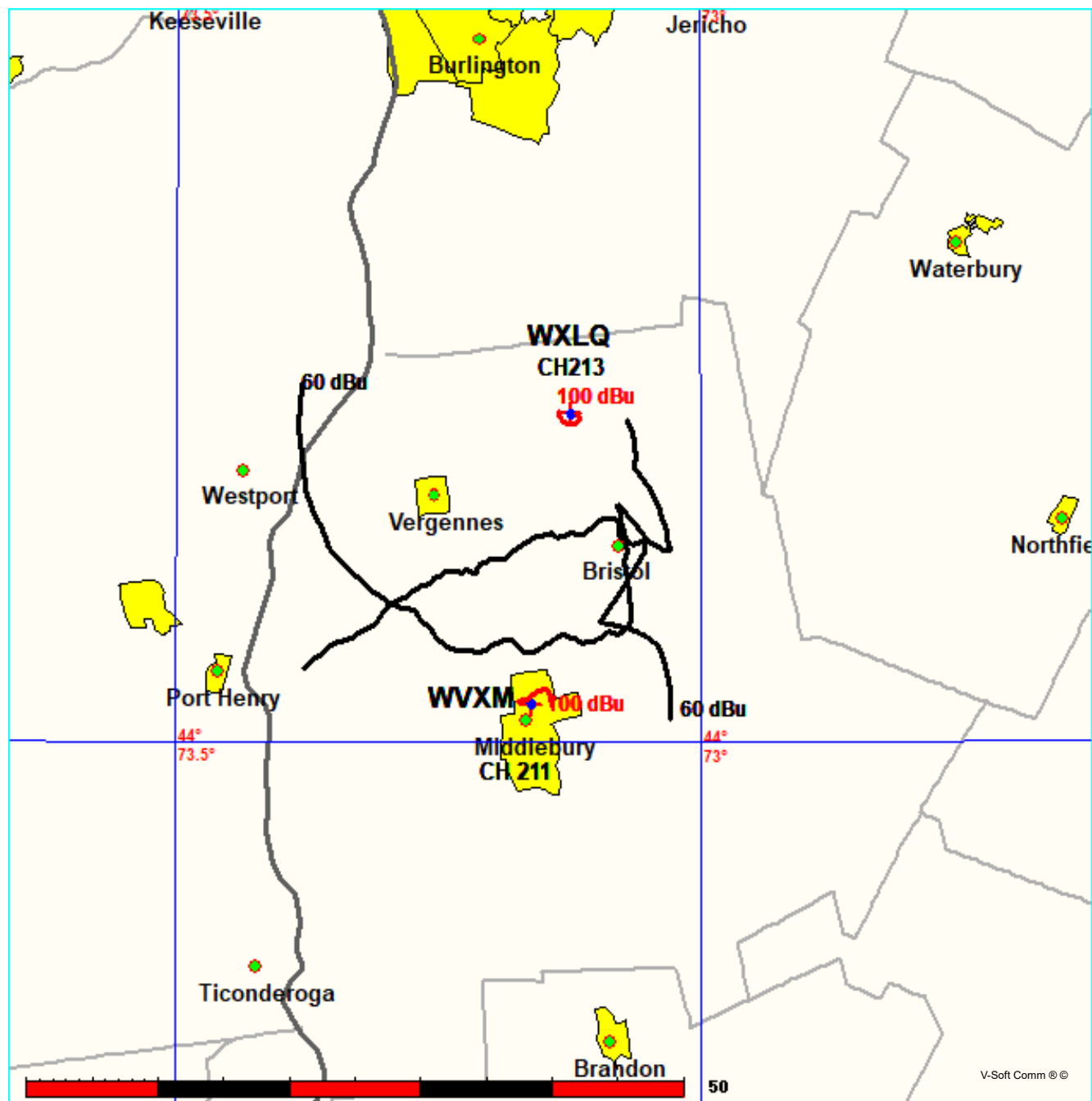
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
085.0	000.2000	0757.6	034.8	225.3	001.2000	0189.3	051.5	48.83
086.0	000.2000	0755.5	034.8	224.8	001.2000	0188.8	052.0	48.64
087.0	000.2000	0754.0	034.7	224.4	001.2000	0188.6	052.4	48.46
088.0	000.2000	0754.3	034.7	223.9	001.2000	0187.3	052.8	48.24
089.0	000.2000	0754.0	034.7	223.4	001.2000	0186.1	053.3	48.01
090.0	000.2000	0754.0	034.7	223.0	001.2000	0185.2	053.7	47.80
091.0	000.2000	0756.7	034.8	222.5	001.2000	0184.3	054.1	47.61
092.0	000.2000	0760.8	034.9	222.0	001.2000	0184.5	054.5	47.47
093.0	000.2000	0763.3	035.0	221.5	001.2000	0185.0	054.9	47.32
094.0	000.2000	0765.0	035.0	221.1	001.2000	0184.8	055.4	47.14
095.0	000.2000	0761.1	034.9	220.8	001.2000	0185.2	055.9	46.95
096.0	000.2000	0755.3	034.8	220.6	001.2000	0185.3	056.5	46.72
097.0	000.2000	0750.7	034.6	220.4	001.2000	0185.1	057.1	46.50
098.0	000.2000	0749.2	034.6	220.1	001.2000	0184.9	057.6	46.29
099.0	000.2000	0748.7	034.6	219.8	001.2000	0184.5	058.2	46.08
100.0	000.2000	0747.8	034.6	219.5	001.2000	0184.5	058.7	45.88
101.0	000.2000	0746.8	034.5	219.3	001.2000	0184.7	059.2	45.69
102.0	000.2000	0745.6	034.5	219.1	001.2000	0185.2	059.8	45.50
103.0	000.2000	0739.6	034.3	218.9	001.2000	0185.4	060.4	45.29
104.0	000.2000	0733.6	034.2	218.9	001.2000	0185.5	061.0	45.07
105.0	000.2000	0727.4	034.0	218.8	001.2000	0185.5	061.6	44.86
106.0	000.2000	0730.1	034.1	218.5	001.2000	0185.9	062.2	44.69
107.0	000.2000	0737.9	034.3	218.1	001.2000	0186.3	062.6	44.54
108.0	000.2000	0743.5	034.4	217.8	001.2000	0186.8	063.1	44.38
109.0	000.2000	0751.5	034.7	217.4	001.2000	0186.3	063.6	44.19
110.0	000.2000	0757.1	034.8	217.1	001.2000	0185.6	064.2	43.97
111.0	000.2000	0754.6	034.7	217.1	001.2000	0185.6	064.8	43.77
112.0	000.2000	0755.1	034.8	216.9	001.2000	0185.4	065.4	43.56
113.0	000.2000	0757.3	034.8	216.7	001.2000	0185.5	065.9	43.37
114.0	000.2000	0763.0	035.0	216.5	001.2000	0185.7	066.5	43.19
115.0	000.2000	0763.3	035.0	216.4	001.2000	0185.8	067.1	43.00
116.0	000.2000	0760.3	034.9	216.4	001.2000	0185.8	067.7	42.79
117.0	000.2000	0753.8	034.7	216.4	001.2000	0185.8	068.3	42.58
118.0	000.2000	0746.0	034.5	216.5	001.2000	0185.6	069.0	42.36
119.0	000.2000	0737.7	034.3	216.6	001.2000	0185.6	069.6	42.15
120.0	000.2000	0730.4	034.1	216.8	001.2000	0185.5	070.2	41.94

Contour-to-Contour Map - WVXM vs WXLQ  
Vermont Public Radio

FMCommander Single Allocation Study - 05-17-2018 - FCC 30 meter  
WVXM's Overlaps (In= 7.56 km, Out= 3.34 km)

WVXM CH 211 A DA  
Lat= 44 01 34.0, Lng= 73 09 44.0  
1.2 kW 96.7 m HAAT, 288.3 m COR  
Prot.= 60 dBu, Intef.= 100 dBu

WXLQ CH 213 A DA BLED20090112AAN  
Lat= 44 13 24.0, Lng= 73 07 27.0  
0.16 kW 181 m HAAT, 388 m COR  
Prot.= 60 dBu, Intef.= 100 dBu





05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WVXM

WXLQ BLED20090112AAN

Channel = 211A  
 Max ERP = 1.2 kW  
 RCAMSL = 288.3 m  
 N. Lat. 44 01 34.0  
 W. Lng. 73 09 44.0  
 Protected  
 60 dBu

Channel = 213A  
 Max ERP = 0.16 kW  
 RCAMSL = 388 m  
 N. Lat. 44 13 24.0  
 W. Lng. 73 07 27.0  
 Interfering  
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
308.0	000.0495	0216.1	012.7	222.8	000.1600	0284.6	019.2	61.20	
309.0	000.0470	0217.5	012.6	222.5	000.1600	0283.5	019.0	61.36	
310.0	000.0447	0218.5	012.5	222.2	000.1600	0282.0	018.8	61.50	
311.0	000.0442	0219.4	012.5	222.2	000.1600	0282.1	018.5	61.68	
312.0	000.0433	0219.1	012.4	222.0	000.1600	0281.2	018.3	61.83	
313.0	000.0429	0219.7	012.4	221.9	000.1600	0281.0	018.1	62.00	
314.0	000.0420	0219.9	012.3	221.7	000.1600	0279.7	017.9	62.14	
315.0	000.0415	0219.9	012.3	221.6	000.1600	0278.8	017.7	62.29	
316.0	000.0411	0218.7	012.2	221.3	000.1600	0277.7	017.5	62.43	
317.0	000.0402	0216.4	012.1	220.9	000.1600	0275.8	017.3	62.54	
318.0	000.0397	0213.7	012.0	220.4	000.1600	0273.5	017.1	62.64	
319.0	000.0389	0212.1	011.9	220.0	000.1600	0270.7	016.9	62.71	
320.0	000.0384	0212.5	011.9	219.8	000.1600	0269.4	016.7	62.84	
321.0	000.0384	0213.5	011.9	219.7	000.1600	0269.2	016.5	63.01	
322.0	000.0384	0214.8	011.9	219.7	000.1600	0269.0	016.3	63.18	
323.0	000.0384	0215.0	011.9	219.6	000.1600	0268.4	016.1	63.34	
324.0	000.0384	0212.3	011.9	219.1	000.1600	0266.8	015.9	63.44	
325.0	000.0384	0211.2	011.8	218.8	000.1600	0265.9	015.7	63.58	
326.0	000.0384	0211.6	011.9	218.6	000.1600	0265.6	015.5	63.74	
327.0	000.0384	0209.9	011.8	218.2	000.1600	0266.2	015.3	63.91	
328.0	000.0384	0206.4	011.7	217.7	000.1600	0267.5	015.1	64.09	
329.0	000.0384	0204.3	011.7	217.2	000.1600	0269.2	015.0	64.12	
330.0	000.0384	0200.7	011.6	216.5	000.1600	0271.2	014.8	64.36	
331.0	000.0384	0193.7	011.4	215.5	000.1600	0274.3	014.7	64.59	
332.0	000.0384	0187.5	011.2	214.6	000.1600	0276.3	014.6	64.77	
333.0	000.0384	0184.8	011.1	214.0	000.1600	0274.9	014.5	64.89	
334.0	000.0384	0186.7	011.2	213.8	000.1600	0275.2	014.3	65.14	
335.0	000.0389	0179.4	011.0	212.7	000.1600	0278.8	014.2	65.35	
336.0	000.0389	0170.8	010.7	211.4	000.1600	0286.9	014.2	65.64	
337.0	000.0389	0168.2	010.6	210.7	000.1600	0289.0	014.1	65.83	
338.0	000.0389	0175.8	010.9	211.1	000.1600	0288.2	013.8	66.19	
339.0	000.0389	0182.3	011.1	211.2	000.1600	0287.8	013.5	66.53	
340.0	000.0389	0185.1	011.2	210.9	000.1600	0288.6	013.3	66.83	
341.0	000.0389	0186.2	011.2	210.5	000.1600	0289.1	013.2	67.08	
342.0	000.0389	0187.5	011.2	210.1	000.1600	0289.5	013.0	67.33	
343.0	000.0389	0187.0	011.2	209.4	000.1600	0290.1	012.9	67.54	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
344.0	000.0389	0189.0	011.3	209.0	000.1600	0289.7	012.7	67.78
345.0	000.0389	0190.6	011.3	208.5	000.1600	0290.3	012.5	68.04
346.0	000.0389	0188.8	011.3	207.7	000.1600	0290.8	012.4	68.20
347.0	000.0389	0187.0	011.2	206.8	000.1600	0289.5	012.3	68.29
348.0	000.0389	0186.4	011.2	206.1	000.1600	0288.3	012.2	68.42
349.0	000.0389	0185.0	011.2	205.2	000.1600	0286.7	012.1	68.49
350.0	000.0389	0183.6	011.1	204.4	000.1600	0282.9	012.0	68.49
351.0	000.0411	0182.6	011.2	203.9	000.1600	0281.6	011.8	68.77
352.0	000.0429	0181.8	011.3	203.3	000.1600	0279.7	011.7	68.99
353.0	000.0452	0180.9	011.5	202.8	000.1600	0277.1	011.5	69.22
354.0	000.0475	0180.1	011.6	202.2	000.1600	0275.7	011.3	69.48
355.0	000.0499	0180.3	011.7	201.6	000.1600	0274.4	011.0	69.79
356.0	000.0519	0182.1	011.9	201.0	000.1600	0272.6	010.8	70.12
357.0	000.0544	0180.3	012.0	200.1	000.1600	0266.5	010.6	70.18
358.0	000.0570	0181.1	012.1	199.4	000.1600	0256.7	010.4	70.23
359.0	000.0591	0180.0	012.2	198.5	000.1600	0247.6	010.3	70.15
000.0	000.0618	0179.1	012.3	197.5	000.1600	0244.1	010.1	70.31
001.0	000.0651	0179.9	012.5	196.6	000.1600	0237.3	009.9	70.48
002.0	000.0685	0179.2	012.6	195.5	000.1600	0230.2	009.7	70.53
003.0	000.0720	0175.8	012.6	194.3	000.1600	0228.6	009.6	70.62
004.0	000.0756	0173.6	012.7	193.1	000.1600	0235.6	009.5	71.07
005.0	000.0793	0170.4	012.7	191.8	000.1600	0243.3	009.4	71.44
006.0	000.0824	0171.1	012.9	190.5	000.1600	0245.3	009.3	71.81
007.0	000.0862	0170.0	013.0	189.1	000.1600	0243.6	009.2	71.95
008.0	000.0901	0163.3	012.8	187.7	000.1600	0235.2	009.3	71.42
009.0	000.0941	0155.8	012.6	186.4	000.1600	0227.3	009.5	70.77
010.0	000.0982	0155.6	012.8	185.0	000.1600	0222.1	009.4	70.76
011.0	000.1037	0155.1	012.9	183.5	000.1600	0209.6	009.3	70.48
012.0	000.1087	0155.2	013.1	182.0	000.1600	0206.5	009.2	70.57
013.0	000.1146	0155.6	013.3	180.3	000.1600	0211.8	009.0	71.05
014.0	000.1198	0153.4	013.3	178.8	000.1568	0216.4	009.0	71.12
015.0	000.1260	0148.8	013.2	177.6	000.1532	0226.0	009.1	71.16
016.0	000.1315	0147.2	013.3	176.1	000.1491	0229.0	009.2	71.13
017.0	000.1371	0145.9	013.4	174.5	000.1450	0229.6	009.2	71.00
018.0	000.1437	0147.4	013.6	172.6	000.1398	0230.6	009.1	71.09
019.0	000.1504	0150.2	013.9	170.4	000.1340	0227.4	008.9	71.09
020.0	000.1564	0154.1	014.3	167.8	000.1387	0229.4	008.7	71.63
021.0	000.1643	0159.8	014.7	164.6	000.1472	0212.3	008.5	71.70
022.0	000.1733	0161.0	015.0	162.2	000.1540	0162.6	008.4	69.69
023.0	000.1816	0159.1	015.1	160.4	000.1588	0118.2	008.5	66.76
024.0	000.1901	0157.6	015.2	158.7	000.1600	0100.5	008.6	65.17
025.0	000.1988	0157.0	015.3	156.8	000.1600	0080.7	008.7	63.06
026.0	000.2087	0152.2	015.3	156.0	000.1600	0071.4	009.0	61.55
027.0	000.2178	0139.2	014.7	157.8	000.1600	0096.2	009.6	63.02
028.0	000.2271	0131.5	014.4	158.1	000.1600	0099.2	010.0	62.59
029.0	000.2376	0125.9	014.2	157.9	000.1600	0097.1	010.2	61.91
030.0	000.2473	0123.6	014.2	157.0	000.1600	0083.2	010.4	60.27
031.0	000.2606	0120.4	014.2	156.1	000.1600	0072.5	010.6	58.79
032.0	000.2742	0117.1	014.2	155.4	000.1600	0064.0	010.8	57.43
033.0	000.2869	0114.5	014.2	154.7	000.1600	0057.4	011.0	56.23
034.0	000.3012	0116.9	014.6	152.6	000.1600	0045.3	011.1	53.98

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
035.0	000.3158	0120.7	015.0	150.0	000.1600	0067.5	011.1	57.37
036.0	000.3307	0115.1	014.8	150.3	000.1600	0063.2	011.4	56.34
037.0	000.3460	0104.9	014.3	152.1	000.1600	0046.0	011.9	52.85
038.0	000.3604	0082.5	012.8	157.7	000.1600	0095.1	012.8	57.72
039.0	000.3763	0054.1	010.7	164.8	000.1467	0214.1	014.1	62.76
040.0	000.3926	0034.6	008.5	171.0	000.1356	0228.6	015.6	61.72
041.0	000.4135	0026.1	008.1	171.9	000.1380	0231.4	016.0	61.55
042.0	000.4334	0017.7	008.2	171.3	000.1364	0230.5	016.0	61.44
043.0	000.4553	0010.0	008.3	170.6	000.1347	0227.7	016.1	61.24
044.0	000.4778	0001.2	008.4	170.0	000.1331	0226.9	016.1	61.12
045.0	000.5008	-0008.1	008.5	169.4	000.1346	0228.3	016.2	61.16
046.0	000.5227	-0016.3	008.6	168.8	000.1361	0229.6	016.3	61.21
047.0	000.5468	-0022.3	008.7	168.2	000.1376	0230.4	016.3	61.22
048.0	000.5713	-0031.0	008.8	167.7	000.1392	0228.8	016.4	61.14
049.0	000.5947	-0036.8	008.9	167.1	000.1406	0226.7	016.5	61.03
050.0	000.6204	-0042.3	009.0	166.6	000.1421	0223.7	016.6	60.88
051.0	000.6536	-0047.2	009.1	165.9	000.1437	0221.9	016.7	60.78
052.0	000.6858	-0046.5	009.2	165.4	000.1453	0218.2	016.8	60.60
053.0	000.7207	-0045.7	009.4	164.8	000.1468	0213.7	016.9	60.37
054.0	000.7565	-0050.7	009.5	164.2	000.1484	0207.4	017.0	60.05
055.0	000.7912	-0059.8	009.6	163.7	000.1498	0199.7	017.1	59.66
056.0	000.8287	-0066.5	009.7	163.2	000.1512	0188.6	017.2	59.09
057.0	000.8670	-0071.2	009.8	162.6	000.1526	0175.8	017.4	58.42
058.0	000.9062	-0072.7	009.9	162.2	000.1540	0162.7	017.5	57.62
059.0	000.9441	-0079.4	010.0	161.7	000.1552	0152.4	017.7	56.92
060.0	000.9850	-0090.8	010.1	161.2	000.1565	0141.5	017.8	56.12
061.0	001.0268	-0098.2	010.2	160.8	000.1577	0128.5	018.0	55.17
062.0	001.0694	-0106.5	010.3	160.4	000.1589	0117.7	018.1	54.34
063.0	001.1105	-0110.5	010.4	160.0	000.1599	0109.1	018.3	53.58
064.0	001.1548	-0109.6	010.5	159.7	000.1600	0103.0	018.5	52.92
065.0	001.2000	-0111.1	010.6	159.3	000.1600	0101.2	018.6	52.62
066.0	001.2000	-0114.4	010.6	159.3	000.1600	0101.1	018.8	52.46
067.0	001.2000	-0113.9	010.6	159.2	000.1600	0101.0	019.0	52.30

05-17-2018

Terrain Data: FCC 30 meter

FMOver Analysis

WXLQ BLED20090112AAN

WVXM

Channel = 213A

Max ERP = 0.16 kW

RCAMSL = 388 m

N. Lat. 44 13 24.0

W. Lng. 73 07 27.0

Protected

60 dBu

Channel = 211A

Max ERP = 1.2 kW

RCAMSL = 288.3 m

N. Lat. 44 01 34.0

W. Lng. 73 09 44.0

Interfering

100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
128.0	000.1471	0021.5	006.2	023.6	000.1870	0157.2	019.8	56.32	
129.0	000.1535	0025.2	006.3	023.7	000.1879	0157.3	019.6	56.44	
130.0	000.1600	0025.0	006.3	023.8	000.1887	0157.5	019.5	56.57	
131.0	000.1600	0030.4	006.4	023.8	000.1887	0157.5	019.4	56.67	
132.0	000.1600	0036.8	007.0	025.4	000.2026	0155.9	019.1	57.10	
133.0	000.1600	0043.7	007.6	027.2	000.2193	0138.0	018.8	56.54	
134.0	000.1600	0051.6	008.4	029.3	000.2409	0124.6	018.5	56.33	
135.0	000.1600	0057.6	008.9	030.8	000.2583	0121.8	018.2	56.67	
136.0	000.1600	0065.4	009.5	032.4	000.2794	0115.8	017.9	56.83	
137.0	000.1600	0073.1	010.0	033.9	000.2995	0116.7	017.6	57.42	
138.0	000.1600	0075.4	010.1	034.2	000.3042	0118.1	017.4	57.76	
139.0	000.1600	0082.3	010.5	035.4	000.3224	0118.2	017.2	58.25	
140.0	000.1600	0093.2	011.2	037.4	000.3514	0097.2	016.8	57.17	
141.0	000.1600	0100.6	011.6	038.6	000.3702	0063.9	016.5	54.05	
142.0	000.1600	0107.8	012.0	039.8	000.3889	0037.9	016.3	49.79	
143.0	000.1600	0116.0	012.4	041.1	000.4151	0025.9	016.0	48.36	
144.0	000.1600	0124.1	012.8	042.3	000.4403	0015.1	015.7	48.87	
145.0	000.1600	0120.9	012.6	041.6	000.4252	0022.0	015.5	48.88	
146.0	000.1600	0118.5	012.5	041.0	000.4127	0026.3	015.3	48.91	
147.0	000.1600	0110.9	012.1	039.4	000.3823	0044.9	015.2	52.23	
148.0	000.1600	0100.4	011.6	037.1	000.3478	0103.4	015.2	59.06	
149.0	000.1600	0085.9	010.8	034.0	000.3012	0116.9	015.3	59.38	
150.0	000.1600	0067.4	009.6	029.9	000.2463	0123.9	015.7	58.67	
151.0	000.1600	0054.6	008.6	026.7	000.2150	0142.5	016.1	59.00	
152.0	000.1600	0046.6	007.9	024.2	000.1920	0157.4	016.4	59.18	
153.0	000.1600	0046.5	007.9	023.9	000.1893	0157.6	016.3	59.22	
154.0	000.1600	0052.9	008.5	025.3	000.2018	0155.9	015.8	59.81	
155.0	000.1600	0059.4	009.0	026.5	000.2133	0144.8	015.4	59.73	
156.0	000.1600	0071.1	009.8	028.5	000.2326	0128.1	014.7	59.45	
157.0	000.1600	0083.6	010.6	030.6	000.2548	0122.4	014.1	60.18	
158.0	000.1600	0098.1	011.4	032.9	000.2858	0114.7	013.5	60.93	
159.0	000.1600	0100.6	011.6	032.9	000.2857	0114.7	013.2	61.25	
160.0	000.1600	0108.5	012.0	033.8	000.2990	0116.6	012.8	62.15	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
161.0	000.1572	0134.3	013.2	038.0	000.3598	0083.5	011.9	61.36
162.0	000.1544	0159.2	014.5	042.6	000.4461	0013.2	011.1	54.92
163.0	000.1517	0185.0	015.6	047.3	000.5531	-0024.7	010.3	57.11
164.0	000.1489	0204.5	016.3	050.4	000.6351	-0045.6	009.8	58.69
165.0	000.1462	0215.8	016.7	051.9	000.6830	-0046.5	009.4	59.76
166.0	000.1436	0222.2	016.9	052.2	000.6923	-0046.8	009.0	60.44
167.0	000.1409	0226.2	017.0	051.9	000.6810	-0046.6	008.7	60.93
168.0	000.1383	0230.2	017.0	051.4	000.6668	-0046.8	008.4	61.40
169.0	000.1357	0229.2	016.9	049.7	000.6125	-0040.8	008.2	61.42
170.0	000.1331	0226.9	016.7	047.6	000.5605	-0027.7	008.1	61.34
171.0	000.1357	0228.8	016.9	047.4	000.5564	-0026.1	007.7	62.00
172.0	000.1383	0231.4	017.1	047.3	000.5545	-0025.3	007.4	62.77
173.0	000.1409	0230.9	017.2	046.3	000.5311	-0018.7	007.1	63.26
174.0	000.1436	0231.8	017.3	045.6	000.5150	-0013.0	006.8	63.91
175.0	000.1462	0230.6	017.3	044.2	000.4831	-0000.8	006.5	64.30
176.0	000.1489	0229.2	017.3	042.6	000.4468	0013.0	006.3	64.61
177.0	000.1517	0228.0	017.4	040.9	000.4106	0026.9	006.0	64.92
178.0	000.1544	0222.8	017.3	037.9	000.3591	0084.7	005.9	73.75
179.0	000.1572	0215.3	017.0	034.3	000.3053	0118.5	005.9	76.09
180.0	000.1600	0212.3	017.0	031.6	000.2689	0118.3	005.8	75.89
181.0	000.1600	0209.5	016.9	028.5	000.2323	0128.2	005.8	76.00
182.0	000.1600	0206.5	016.7	025.3	000.2018	0155.9	005.7	77.00
183.0	000.1600	0209.9	016.9	023.1	000.1822	0158.8	005.5	77.42
184.0	000.1600	0212.0	017.0	020.4	000.1595	0156.3	005.3	77.23
185.0	000.1600	0222.1	017.4	018.3	000.1459	0148.2	004.8	77.87
186.0	000.1600	0225.5	017.5	015.1	000.1262	0148.4	004.7	77.86
187.0	000.1600	0231.3	017.8	011.5	000.1063	0154.6	004.4	78.32
188.0	000.1600	0238.0	018.0	007.4	000.0879	0169.1	004.1	79.09
189.0	000.1600	0243.0	018.2	002.8	000.0712	0177.0	003.9	79.07
190.0	000.1600	0244.4	018.3	358.0	000.0571	0181.3	003.9	78.26
191.0	000.1600	0245.6	018.3	353.4	000.0461	0180.0	004.0	77.15
192.0	000.1600	0241.9	018.2	349.9	000.0389	0184.1	004.2	75.71
193.0	000.1600	0235.9	018.0	347.3	000.0389	0186.8	004.5	74.67
194.0	000.1600	0230.4	017.7	345.2	000.0389	0190.3	004.9	73.76
195.0	000.1600	0229.6	017.7	342.3	000.0389	0188.1	005.1	73.16
196.0	000.1600	0232.6	017.8	338.7	000.0389	0180.4	005.1	72.67
197.0	000.1600	0239.6	018.1	334.1	000.0385	0186.4	005.1	72.84
198.0	000.1600	0245.6	018.3	329.8	000.0384	0201.7	005.2	73.13
199.0	000.1600	0252.2	018.6	325.4	000.0384	0211.3	005.3	73.17
200.0	000.1600	0265.0	019.0	319.2	000.0388	0212.1	005.3	73.18
201.0	000.1600	0272.7	019.3	315.0	000.0415	0219.9	005.5	73.23
202.0	000.1600	0275.4	019.4	312.8	000.0429	0219.7	005.8	72.65
203.0	000.1600	0278.2	019.5	310.9	000.0443	0219.2	006.1	72.03
204.0	000.1600	0281.7	019.6	308.9	000.0474	0217.4	006.4	71.54
205.0	000.1600	0285.8	019.8	307.0	000.0520	0214.3	006.7	71.11
206.0	000.1600	0288.3	019.9	305.7	000.0552	0212.2	007.0	70.53
207.0	000.1600	0290.0	019.9	304.8	000.0575	0211.7	007.3	69.94
208.0	000.1600	0290.6	019.9	304.3	000.0588	0211.9	007.7	69.31
209.0	000.1600	0289.7	019.9	304.3	000.0589	0211.9	008.0	68.61
210.0	000.1600	0289.5	019.9	304.1	000.0593	0211.8	008.4	67.97
211.0	000.1600	0288.4	019.9	304.2	000.0590	0211.9	008.7	67.29

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
212.0	000.1600	0284.1	019.7	305.1	000.0569	0211.6	009.1	66.46
213.0	000.1600	0276.7	019.5	306.6	000.0530	0213.3	009.4	65.58
214.0	000.1600	0274.9	019.4	306.8	000.0524	0213.8	009.8	64.94
215.0	000.1600	0275.3	019.4	306.6	000.0528	0213.4	010.1	64.36
216.0	000.1600	0274.2	019.4	306.8	000.0523	0213.9	010.4	63.76
217.0	000.1600	0269.9	019.2	307.6	000.0504	0215.7	010.8	63.09
218.0	000.1600	0266.5	019.1	308.3	000.0488	0216.6	011.1	62.44
219.0	000.1600	0266.5	019.1	308.3	000.0488	0216.7	011.4	61.90
220.0	000.1600	0270.8	019.3	307.5	000.0506	0215.6	011.8	61.48
221.0	000.1600	0276.5	019.5	306.7	000.0527	0213.5	012.1	61.04
222.0	000.1600	0281.3	019.6	306.0	000.0544	0212.6	012.5	60.61
223.0	000.1600	0284.9	019.7	305.7	000.0553	0212.1	012.8	60.15
224.0	000.1600	0287.9	019.8	305.4	000.0559	0211.9	013.2	59.69
225.0	000.1600	0290.7	019.9	305.3	000.0564	0211.7	013.5	59.23
226.0	000.1600	0293.1	020.0	305.2	000.0566	0211.6	013.9	58.78
227.0	000.1600	0294.5	020.1	305.3	000.0563	0211.7	014.3	58.32
228.0	000.1600	0297.5	020.2	305.2	000.0566	0211.6	014.6	57.90
229.0	000.1600	0299.8	020.3	305.2	000.0566	0211.6	015.0	57.47
230.0	000.1600	0301.0	020.3	305.4	000.0561	0211.9	015.3	57.42
231.0	000.1600	0301.2	020.3	305.7	000.0553	0212.2	015.7	57.08
232.0	000.1600	0302.7	020.3	305.9	000.0548	0212.4	016.0	56.75
233.0	000.1600	0305.1	020.4	305.9	000.0546	0212.5	016.4	56.43
234.0	000.1600	0307.4	020.5	306.1	000.0543	0212.7	016.8	56.11
235.0	000.1600	0308.8	020.6	306.3	000.0537	0213.0	017.1	55.78
236.0	000.1600	0310.6	020.6	306.5	000.0532	0213.3	017.5	55.45
237.0	000.1600	0311.9	020.7	306.8	000.0525	0213.7	017.8	55.12
238.0	000.1600	0313.5	020.7	307.0	000.0519	0214.4	018.2	54.80
239.0	000.1600	0316.1	020.8	307.2	000.0515	0214.8	018.6	54.48
240.0	000.1600	0319.6	020.9	307.3	000.0512	0215.1	018.9	54.16
241.0	000.1600	0322.5	021.0	307.5	000.0508	0215.5	019.3	53.84
242.0	000.1600	0322.6	021.0	307.9	000.0497	0216.0	019.6	53.50
243.0	000.1600	0320.3	020.9	308.5	000.0482	0217.1	019.9	53.16
244.0	000.1600	0318.8	020.9	309.1	000.0469	0217.6	020.3	52.81
245.0	000.1600	0319.3	020.9	309.5	000.0459	0218.1	020.6	52.47
246.0	000.1600	0319.5	020.9	309.9	000.0450	0218.4	020.9	52.13
247.0	000.1600	0321.0	020.9	310.2	000.0446	0218.7	021.3	51.83