

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

WVTX STA to Move Antenna to VPR Studio Tower
Vermont Public Radio

REFERENCE
44 30 28.2 N.
73 09 04.7 W.

CH# 204A - 88.7 MHz, Pwr= 0.1 kw, HAAT= 19.8 M, COR= 119.9 M
Average Protected F(50-50)= 5.64 km
Omni-directional

DISPLAY DATES
DATA 07-19-16
SEARCH 07-19-16

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
204A WVTX Colchester		APP _CX VT	0.0 0.0	0.00 BPED20160615ABD	44 30 28.2 73 09 04.7	0.260 20	28.8 120	8.7 Vermont	-35.6*	-31.3*
204A WVTX Colchester		LIC _CN VT	213.4 33.3	1.85 BLED19830204AB	44 29 38.0 73 09 51.0	0.100 25	18.6 123	5.6 Vermont	-24.6*	-30.0*
203C1 AL3091 Montreal		____ QU	342.8 162.5	116.17	45 30 20.0 73 35 32.0	100.000 299	106.0 323	86.0	1.8	13.5
201C3 WXLU Peru		LIC _C_ NY	280.2 99.8	42.11 BLED20060707ABU	44 34 25.0 73 40 29.0	1.000 341	2.1 646	39.5 The St. Lawrence Universit	30.4	2.0
204C2 WRVT Rutland		LIC DEX VT	177.8 357.9	94.48 BLED20101206ACJ	43 39 31.0 73 06 25.0	4.800 412	85.7 663	31.1 Vermont	2.1 Public Radio	35.4
203C1 NEW Montreal		PRO ?CN QC	342.8 162.5	116.17	45 30 20.0 73 35 32.0	25.000 243	81.6 270	68.7	26.2	13.5
204A WKYJ Rouses Point		LIC _VX NY	335.9 155.7	53.35 BLED20070215ABG	44 56 44.0 73 25 41.0	0.420 4	27.7 62	8.2 American Educational Broad	16.7	17.1
204A 951214MA East Berkshire		APP _VN VT	37.0 217.3	58.77 BNPED19951214MA	44 55 45.0 72 42 07.0	1.000 -147	35.6 154	10.2 Green Mountain Ed Fellowsh	17.5	30.0
206A WOXM Middlebury		LIC _C_ VT	180.9 0.9	53.56 BMLD20150312AAJ	44 01 34.0 73 09 44.0	3.100 95	2.8 288	31.6 Vermont	43.9 Public Radio	21.3
203C2 WVPA St. Johnsbury		LIC DCX VT	85.5 266.4	99.88 BLED20120821ABG	44 34 15.0 71 53 38.0	0.850 569	68.4 1002	45.1 Vermont	26.2 Public Radio	45.5
06 -- VACANT Montreal		GR _HN QC	342.8 162.5	116.17 BPFS20081211ABT	45 30 20.0 73 35 32.0	2.400 300	9.9 324	65.7	75.6R	40.6M
202A WNUB-FM Northfield		LIC _CX VT	135.9 316.2	56.46 BMLD20130107AAA	44 08 32.0 72 39 31.0	0.285 -118	1.2 283	7.3 The Trustees Of The Norwic	49.6	48.4
06 1C WRGB Schenectady		LI _HN NY	198.6 18.0	220.44 BMLCDT20110816AAF	42 37 31.0 74 00 38.0	30.200 392	7.0 649	109.4	116.4R	104.1M

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2, Co to 3rd adjacent.
All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.
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