

REFERENCE CH# 219A - 91.7 MHz, Pwr= 1 kW DA, HAAT= 12.5 M, COR= 133 M DISPLAY DATES
 42 35 40.0 N. Average Protected F(50-50)= 10.16 km DATA 09-06-11
 71 40 10.0 W. Standard Directional SEARCH 09-21-11

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*
219A Lunenburg 7/6/2005:	NONE	CP MA	DCX	193.4 13.3	6.7 BNPED20000118ACZ	42 32 09.0 71 41 18.0	0.572 35	40.9 162	11.7 Horizon Christian Fellowsh	-44.3*	-40.3*
Accepted on Ch 219A by Canada in 6/22/05 letter, not short-spaced.											
218A Lowell	WUML	LIC MA	DCN	77.2 257.5	29.3 BLED19940406KC	42 39 07.0 71 19 15.0	1.400 63	23.1 114	15.0 University Of Massachusett	0.0	3.8
219A Gardner	WJWT	LIC MA	DCX	262.8 82.5	31.6 BLED20060623ABM	42 33 29.0 72 03 06.0	0.850 84	25.0 391	7.0 Horizon Christian Fellowsh	0.1	0.3
219A Stow	WUMG	LIC MA	ZCX	137.2 317.4	26.2 BLED20100722BNC	42 25 17.0 71 27 10.0	0.500 24	15.8 100	4.4 University Of Massachusett	2.6	0.2
219A Maynard	WAVM	LIC MA	ZHX	137.2 317.4	26.2 BLED20100722BMZ	42 25 17.0 71 27 10.0	0.500 24	15.8 100	4.4 Maynard School Committee	2.6	0.2
217A Fitchburg	WXPL	LIC MA	_CN	266.1 86.0	10.0 BLED19850821KS	42 35 18.0 71 47 26.0	0.100 -41	0.7 175	7.9 Fitchburg State College	1.8	0.5
219A Newburyport	WNEF	LIC MA	DEX	63.0 243.5	67.0 BLED20051118AGI	42 51 56.0 70 56 17.0	1.000 100	58.3 122	17.6 University Of Massachusett	1.1	24.8
221A Peterborough	WFEX«	LIC NH	NC_	330.1 149.9	34.3 BLH20010828AAS	42 51 41.0 71 52 45.0	0.170 423	0.9 734	24.8 Fnx Broadcasting Of New Ha	30.5R	3.8M
220A Worcester	WBPR	LIC MA	ZCX	210.1 30.0	37.4 BLED20090928AFP	42 18 11.0 71 53 52.0	0.370 213	21.2 449	12.8 University Of Massachusett	6.8	9.4

 Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 In & Out distances between contours are shown at closest points. Reference zone= - Zone 1, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.
 « = Station meets FCC minimum distance spacing for its class.
 Reference station has protected zone issue: Canada