

# Crossfire Incorporated

REFERENCE  
44 13 42.0 N.  
90 42 57.0 W.

CH# 207C2 - 89.3 MHz, Pwr= 33 kW, HAAT= 105.0 M, COR= 388 M  
Average Protected F(50-50)= 42.13 km  
Standard Directional

DISPLAY DATES  
DATA 10-04-08  
SEARCH 11-07-08

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*
207C2 1205470 Sparta		APP DCX WI		0.0 0.0	0.00 BNPED20071018ANH	44 13 42.0 90 42 57.0	36.327 105	91.6 388	31.3	-115.90*	-105.81*
207C1 1215419 Stoddard		APP DCX WI		202.8 22.5	106.03 BNPED20071022BDG	43 20 53.0 91 13 28.0	47.000 156	102.7 429	38.4	-37.40<	-50.29<
208C1 WCLQ Wausau		LIC DCX WI		46.5 227.3	112.62 BLED20040225ABB	44 55 11.0 89 40 45.0	90.000 185	89.5 569	60.2	0.55	18.64
206C3 1233412 Thorp		APP NCX WI		359.4 179.4	84.89 BNPED20071012APU	44 59 32.0 90 43 39.0	20.000 100	60.0 475	39.5	0.60	8.73
206C2 WHAA Adams		CP DCX WI		103.7 284.5	95.51 BPED19980826MH	44 01 13.0 89 33 29.0	28.500 176	73.7 486	49.9	0.60	14.28
207C1 KCMP Northfield		LIC _C_ MN		286.1 104.5	194.43 BLED20060308AIB	44 41 21.0 93 04 21.0	100.000 234	167.0 517	68.0	0.83	46.75
208C3 KQAL Winona		CP DCX MN		256.3 75.7	71.02 BPED20070105AAZ	44 04 26.0 91 34 38.0	2.500 215	32.7 480	21.9	8.04	2.74

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference zone = 2, 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.  
"<" = Contour overlap