

Channel Study

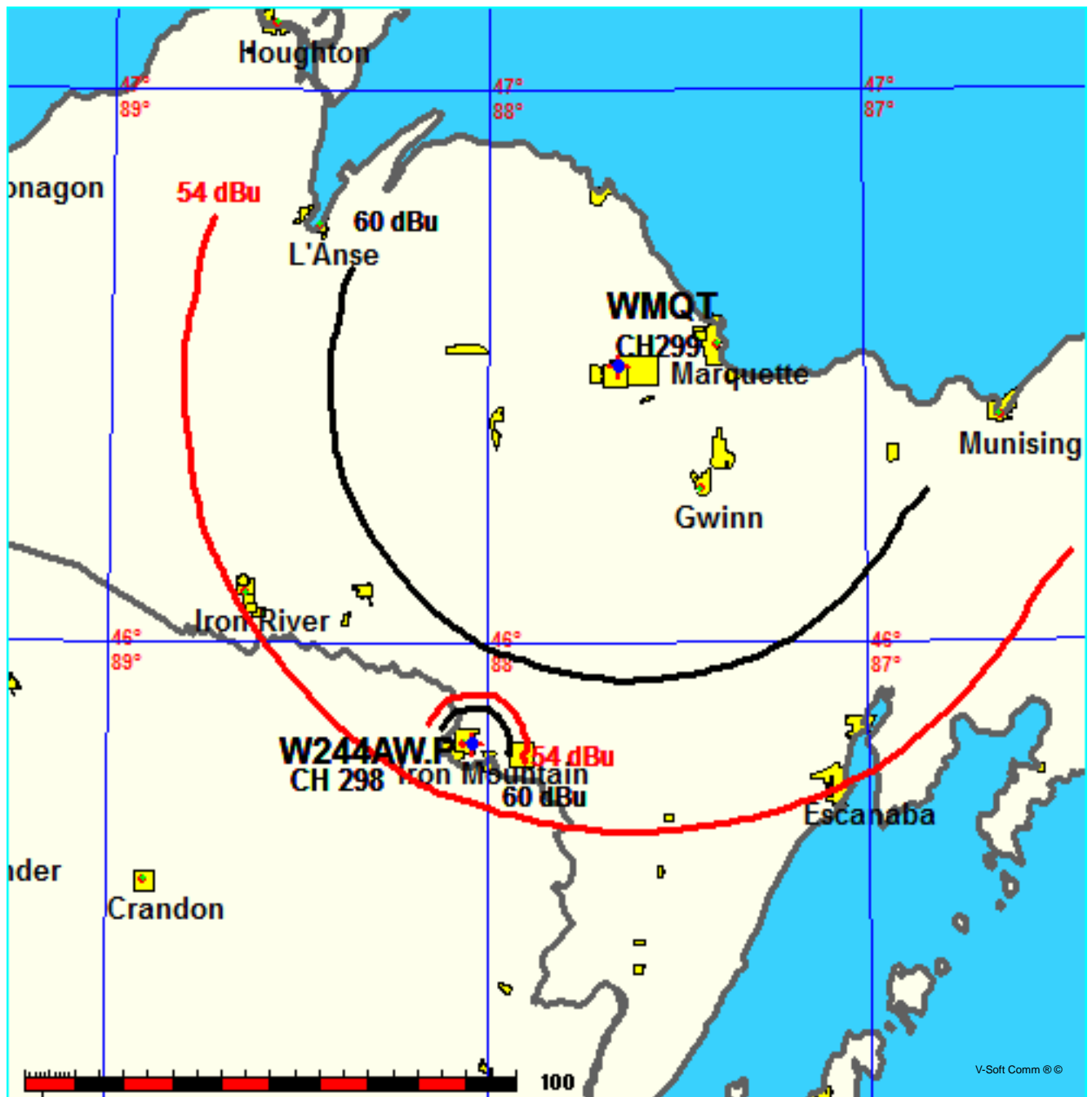
REFERENCE		CH# 298D - 107.5 MHz, Pwr= 0.01 kW, HAAT= 160.8 M, COR= 504 M								DISPLAY DATES	
45 49 15.2 N.		Average Protected F(50-50)= 7.4 km								DATA 09-03-15	
88 02 29.5 W.		Omni-directional								SEARCH 09-14-15	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
298D Iron Mountain	W244AW!	CP	C MI	267.1 87.1	0.11 BPFT20140514AAI	45 49 15.0 88 02 35.0	0.010	27.2 521	8.1 Educational Media Foundati	-34.1	-31.7
299C1 Ishpeming	WMQT	LIC	C MI	21.7 202.0	81.61 BLH20040528ABO	46 30 08.0 87 38 52.0	100.000 195	93.3 625	62.8 Taconite Broadcasting, Inc	-18.9*<	8.5
297C2 Powers	WUPF	LIC	NCX MI	102.5 283.0	55.39 BLH20081229AAF	45 42 39.0 87 20 49.0	50.000 97	64.6 329	40.1 Radioactive, Llc	-16.7*<	4.5
298C3 Brillion	WDUZ-FM	LIC	CN WI	178.4 358.5	162.53 BLH19990521KC	44 21 32.0 87 59 07.0	3.600 268	104.2 512	41.6 Cumulus Licensing Llc	50.8	95.4
299L1 Marinette	WLWR-LP	LIC	CN WI	160.0 340.2	79.60 BLL20051025AAW	45 08 52.0 87 41 37.0	0.100 30	220	63.8 Marinette Radio Associatio	62.9	
300C Wausau	WBCV	LIC	CN WI	232.6 51.6	138.10 BLH19850205KW	45 03 33.0 89 26 10.0	100.000 314	9.9 742	71.3 Nrg License Sub, Llc	121.5	66.6

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= East Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding. Call signs with exclamation marks 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.
< = Contour Overlap

FMCommander Single Allocation Study - 09-14-2015 - FCC NGDC 30 Sec
W244AW.P's Overlaps (In= -18.89 km, Out= 8.54 km)

W244AW.P CH 298 D
Lat= 45 49 15.2, Lng= 88 02 29.5
0.01 kW 160.8 M HAAT, 504 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WMQT CH 299 C1 BLH20040528ABO
Lat= 46 30 08.0, Lng= 87 38 52.0
100.0 kW 194.7 M HAAT, 624.8 M COR
Prot.= 60 dBu, Intef.= 54 dBu



FMCommander Single Allocation Study - 09-14-2015 - FCC NGDC 30 Sec
W244AW.P's Overlaps (In= -16.73 km, Out= 4.55 km)

WUPF CH 297 C2 73.215 N BLH20081229AAF
 Lat= 45 42 39.0, Lng= 87 20 49.0
 50.0 kW 97 M HAAT, 329 M COR
 Prot.= 60 dBu, Intef.= 54 dBu

