

W224AO Admin Building 090419

Minnesota Public Radio

REFERENCE
47 07 10.8 N.
88 33 04.5 W.

CH# 224D - 92.7 MHz, Pwr= 0.25 kW DA, HAAT= -31.7 M, COR= 223.7 M
Average Protected F(50-50)= 7.09 km
Standard Directional

DISPLAY DATES
DATA 09-04-19
SEARCH 09-04-19

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*
224D Houghton	W224AO	LIC ?HN MI		19.0 199.0	2.48 BLFT19900329TF	47 08 27.0 88 32 26.0	0.020 143	397	---Reference--- Minnesota Public Radio		
224D Covington	W224AV	LIC _CN MI		179.5 359.5	65.12 BLFT19990608UE	46 32 02.0 88 32 37.0	0.010 113	25.6 567	7.6 Gospel Opportunities, Inc.	36.3	48.5
224C1 Manistique	WRPP	LIC NCX MI		128.3 309.8	203.27 BLH20141015AAD	45 58 00.0 86 29 17.0	51.000 243	148.2 451	59.9 Todd Stuart Noordyk	51.9	135.4
224D Bergland	W224AW	LIC _CN MI		238.1 57.4	92.19 BLFT19990608UD	46 40 37.0 89 34 39.0	0.010 208	30.7 562	9.2 Gospel Opportunities, Inc.	55.0	62.9
222C1 Ishpeming	W3PD	LIC _CX MI		129.2 310.0	105.54 BLH20040603AAY	46 30 51.0 87 28 58.0	100.000 155	4.0 486	37.9 Sovereign Communications,	98.4	57.8
277C1 Marquette	WFXD	LIC _CX MI		128.7 309.4	91.22 BLH20011220AAS	46 36 14.0 87 37 15.0	100.000 286	12.8 667	58.8	21.5R	69.7M

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= East Zone, 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.