

Channel Study - Amendment of W289CT

Raven License Sub, LLC

REFERENCE
45 49 18.80 N.
89 43 16.50 W.

CH# 289D - 105.7 MHz, Pwr= 0.25 kW, HAAT= 76.9 M, COR= 563 M
Average Protected F(50-50)= 11.37 km
Omni-directional

DISPLAY DATES
DATA 12-03-21
SEARCH 12-06-21

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*
289D W289CT Minoqua		CP _CN WI	0.0 0.0	0.00 BNPFT20180507ACI	45 49 18.80 89 43 16.50	0.250	579	---Reference---		Raven License Sub, LLC
289C1 WCUP L' anse		LIC _CN MI	31.5 212.3	167.48 BLH20161201ABC	47 06 02.70 88 33 55.40	100.000 176	154.5 438	57.5	2.2	69.3 Keweenaw Bay Indian Commun
287C1 WRLO-FM Antigo		LIC _CN WI	137.9 318.3	67.83 BMLH20030303ABY	45 22 03.90 89 08 20.40	100.000 165	7.2 659	58.2	49.8	8.3 Nrg License Sub, LLC
289C0 WAPL Appleton		LIC _CN WI	139.4 320.7	212.17 BMLH20050610AGX	44 21 32.00 87 59 07.40	100.000 358	182.0 597	79.0	19.3	96.6 Woodward Communications, I
290C1 WEGZ Washburn		LIC _CN WI	315.2 134.3	137.41 BMLED20021230AAD	46 41 30.80 90 59 27.70	100.000 226	105.2 518	72.5	20.8	48.6 Keweenaw Bay Broadcasting,
289C3 WCFW Chippewa Falls		LIC _CN WI	229.7 48.6	161.61 BLH19970228KA	44 52 17.80 91 17 11.50	25.000 93	111.8 383	37.3	37.7	83.1 Bushland Radio Specialties
292D W292CG Land O' Lakes		LIC _CN WI	48.6 229.0	52.26 BLFT20101006ABN	46 07 52.80 89 12 43.50	0.120 29	0.8 551	6.6	40.5	44.1 Wrvn, Inc.

Terrain database is FCC 30 meter , 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.
Reference station has protected zone issue: AM tower