

Gray Frierson Haertig & Assoc.
Portland, Oregon

Oregon St. Board of Higher Ed for the University of Oregon
Eugene, Oregon

REFERENCE
44 04 40.0 N.
121 19 49.0 W.

CH# 255D - 98.9 MHz, Pwr= 0.092 kW, HAAT= 161.8 M, COR= 1296.7 M
Average Protected F(50-50)= 12.84 km
Omni-directional

DISPLAY DATES
DATA 04-29-13
SEARCH 05-01-13

CH CITY	CALL	TYPE STATE	ANT ---	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
253C1 Bend	AL0870	RSV-A OR	---	279.9 99.9	0.18 RM10684	44 04 41.0 121 19 57.0	100.000 299	11.0 1437	76.5	-16.8*	-77.0*
255D Bend	K255CA	LIC_C_ OR	---	0.0 0.0	0.00 BLFT20081014ABL	44 04 40.0 121 19 49.0	0.028 162	43.9 1299	13.2 Oregon St Board Of Higher	-61.6*	-69.9*
253C1 Bend	KTWS	APP_CX OR	---	260.1 80.1	0.18 BPH20081103ADP	44 04 39.0 121 19 57.0	50.000 223	8.6 1364	66.9 Combined Communications, I	-14.0*	-67.4*
252C3 Bend	KTWS	LIC_C_ OR	---	260.1 80.1	0.18 BLH20041213ACC	44 04 39.0 121 19 57.0	5.200 223	4.0 1364	45.5 Combined Communications, I	-9.3*	-46.0*
256C Eugene	KODZ	LIC_CX OR	---	272.4 91.2	133.70 BMLH20070606ABU	44 06 57.0 122 59 57.0	100.000 497	123.1 738	82.8 Bi coastal Media Licenses V	5.1	43.1
257D Sunriver	K257DT	LIC_C_ OR	---	183.4 3.4	27.70 BLFT20030908ADR	43 49 44.0 121 21 03.0	0.019 168	0.3 1663	11.9 Paci fic Cascade Communi cat	17.8	15.1

Terrain database is 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= West 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), Beam tilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.