

KYQT-LP PORTLAND OR
 Facility ID: 195722
 Minor Change

Channel 268
 New Location: 45-31-14.9 N 122-48-36.1 W-- NAD 83
 Relocation: Minor Change
 Antenna AGL 13 m
 Antenna Ground 65.5 m
 Antenna COR 78.5 m
 Total Tower Height 15.2 m AMSL
 HAAT 25 m
 Power 100 w
 ASR 1202395

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REFERENCE                                     DISPLAY DATES
45 31 14.90 N.                               DATA 07-14-21
122 48 36.10 W.                               SEARCH 08-05-21
          CLASS = L1
          Current Spacings to 2nd Adj.
----- Channel 268 - 101.5 MHz -----
  
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Call	Channel	Location	Azi	Dist	FCC	Margin
KXL-FM	LIC 266C	Portland	OR 95.2	5.94	92.5	-86.6
KINK	LIC-N 270C	Portland	OR 95.1	5.94	92.5	-86.6
KYQT-LP	LIC 268L1	Portland	OR 213.6	8.44	23.5	-15.1
KDOO-LP	LIC 268L1	Portland	OR 96.8	23.89	23.5	0.39
KFLY	LIC 268C0	Corvallis	OR 203.0	148.32	121.5	26.8
K268BN	LIC-D 268D	Eufaula/longview	WA 357.3	71.57	38.5	33.1

Reference station has protected zone issue: Canada
 All separation margins include rounding

Second Adjacent Waiver Request

License respectfully requests a "second adjacent channel waiver" with regards to Section 47 C.F.R. Section 73.807 of the FCC rules based upon the "Living Way" precedence (Living Way Ministries, Inc., Memorandum Opinion and Order, 17 FCC Red 17054, 17056, ¶ 5 (2002), recon. denied 23 FCC Red 15070 (2008)). Using U/D methodology, at the proposed KYQT-LP transmitter location both KINK and KXL has a signal strength of 109.7 dBu. Interference will occur when the interfering signal exceeds the desired signal by 40 dbu. So the area of predicted interference would then be bounded by the 149.7 dBu contour. This correlated to a radius of 2.3 meters. This interference radius resides completely above ground. Due to zero population within this radiation radius, this meets the "Living Way" Criteria to qualify for a Waiver of 47 C.F.R. Section 73.807. Thus, the applicant requests a second adjacent waiver based upon evidence no interference is proposed.