

CHANNEL SPACING

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REFERENCE
41 05 58.90 N.
104 56 14.90 W.
12-07-23

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CLASS = L1
Current Spacings to 2nd Adj.

DISPLAY DATES
DATA 10-16-23
SEARCH

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----- Channel 268 - 101.5 MHz -----

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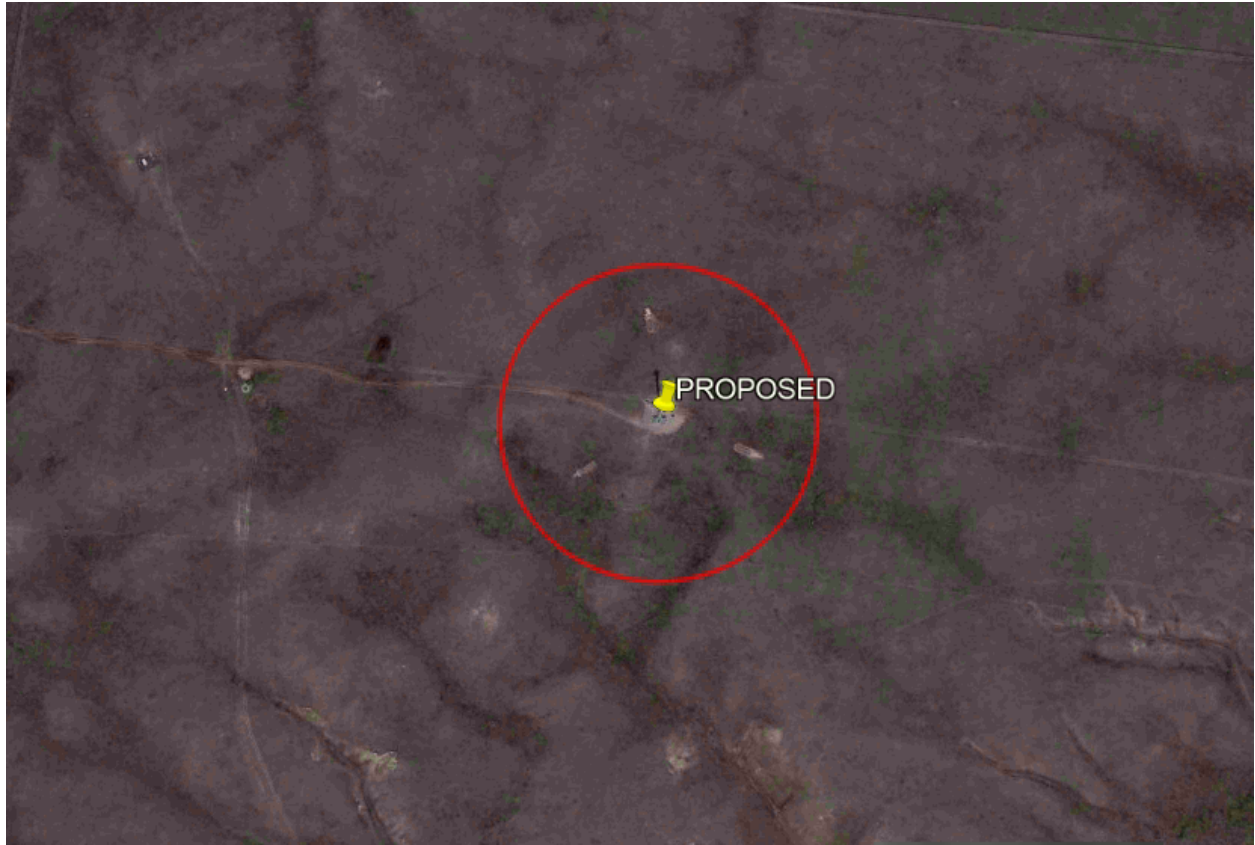
Call	Channel	Location		Azi	Dist	FCC	Margin
KIGN LIC 270C2	Burns	WY	85.0	22.62	52.5	-29.9	
K266CC LIC 266D	Cheyenne	WY	69.7	19.26	13.5	5.8	
KOZY-FM LIC 267C0	Bridgeport	NE	48.0	123.93	110.5	13.4	
KJHM LIC-N 268C	Watkins	CO	147.7	154.18	129.5	24.7	
K267CD LIC-D 267D	Loveland	CO	197.1	70.39	27.5	42.9	
KZEW LIC 269A	Wheatland	WY	359.6	105.04	55.5	49.5	
K269EQ LIC 269D	Loveland	CO	197.1	70.39	20.5	49.9	

All separation margins include rounding

Proposed facility is short-spaced to

CALL	CH	DBU at Proposed	Distance to Interference Contour
KIGN	270C2	75.3	119.8 m

The value of 75.3 dBu will then be used to determine interference compliance. Interference will occur when the KIGN signal strength's interfering signal exceeds the desired signal by 40 dBu. So the area of predicted interference would then be bounded by the 115.3 dBu contour. The 115.3 dBu contour plotted below.



Due to zero population within this radiation radius, as demonstrated in the aerial shot, this meets the "Living Way" Criteria to qualify for a Waiver of 47 C.F.R. Section 73.807.

Applicant 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)).