

Allocation Study

Translator K290AD

Seeks Channel 236D – 95.1 MHz
0.010 kW ERP – 2986.2 m COR AMSL
Durango, Colorado
August 2023

Searching from Proposed Site

REFERENCE CH# 236D - 95.1 MHz, Pwr= 0.01 kW, HAAT= 0.0 M, COR= 2986.2 M DISPLAY DATES
37 21 46.0 N. Average Protected F(50-50)= 13.2 km DATA 08-25-23
107 47 42.2 W. Omni-directional SEARCH 08-25-23

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*
236CO Del ta	KKNN	LIC	CN CO	347.5 167.3	172.59 BMLH19870227PC	38 52 39.90 108 13 32.20	100.000 434	200.6 2297	93.5 Townsquare License, LLC	-43.5*	23.5
237D Durango	DK237FK	LIC DVN	CN CO	90.0 270.0	0.07 BLFT20140423ADJ	37 21 46.00 107 47 39.20	0.040 561	0.9 2996	0.4 Four Corners Broadcasting	-12.2*	-16.9*
235C1 Aztec	KWYK-FM	LIC	CN NM	207.3 27.0	83.03 BLH19891024KF	36 41 54.00 108 13 20.30	100.000 132	82.8 1837	52.2 Basin Broadcasting Company	-15.3	3.4
237D Hesperus	K237CR	LIC DVN	CN CO	270.4 90.2	31.17 BLFT20091022ABJ	37 21 51.90 108 08 52.20	0.010 442	15.0 3129	6.0 Native American Christian	3.3	0.1
239C1 Farmington	KPCL	LIC	CN NM	207.1 26.9	83.20 BLH20190529ABK	36 41 46.00 108 13 15.30	100.000 116	5.8 1825	50.4 Native American Christian	61.4	29.7
238A Mountain Village	KRKQ	LIC NHN	CN CO	347.4 167.3	71.62 BMLH20150821AAH	37 59 29.00 107 58 23.20	0.250 448	1.1 3358	26.2 Brown Mountain Broadcastin	55.1	39.7
237D Farmington	K237EQ	LIC	CN NM	206.9 26.6	86.11 BLFT20060221AFI	36 40 16.00 108 13 54.30	0.023 257	18.0 1982	12.3 Relevant Radio, Inc.	52.2	48.1
233D Ouray	K233AH	LIC DHN	CN CO	7.0 187.0	79.33 0000200967	38 04 15.70 107 41 05.90	0.250 -469	0.2 2510	3.1 Townsquare License, LLC	63.5	76.0

Terrain database is GLOBE 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= 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), Beamtilt(Y,N,X)

"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.