

TELECOMMUNICATIONS ENGINEERING  
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4 November 2021  
Prepared for the University of Utah  
New NCE, Fillmore, Utah

## ALLOCATION CONSIDERATIONS

On 4 November 2021, a computerized allocation analysis was performed on the facilities proposed herein using data from the Commission's CDBS and LMS, current as of 29 October 2021. The software to perform this analysis was provided by V-Soft Communications. A copy of this study is attached.

This analysis revealed no assignments, allocations or applications requiring further study

The applicant believes that the facilities proposed herein meet all of the Commission's rules of allocation.

Gray Frierson Haertig & Assoc.  
Portland, Oregon

University of Utah  
Salt Lake City

REFERENCE CH# 209A - 89.7 MHz, Pwr= 3.8 kW, HAAT= 92.8 M, COR= 1746 M  
39 02 08.80 N.  
112 19 32.80 W.  
Average Protected F(50-50)= 24.66 km  
Omni-directional

DISPLAY DATES  
DATA 10-29-21  
SEARCH 11-04-21

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*
207C1 Richfield	KUSL	LIC _CN UT		180.5 0.5	72.29 BLED20101210ALL	38 23 07.90 112 19 59.70	2.000 973	3.0 3577	60.2 Utah State University Of A	35.4	9.3
263C Monroe	KMXD«	AXL _CN UT		157.1 337.3	59.53 BXLH20081106ABW	38 32 29.90 112 03 33.70	3.900 879	32.9 3309	22.0 Sanpete County Broadcastin	28.5R	31.0M
263C Monroe	KMXD«	LIC _CN UT		180.5 0.5	72.18 BLH20080122ADT	38 23 07.90 112 19 59.70	33.000 993	32.9 3600	22.0 Sanpete County Broadcastin	28.5R	43.7M
210C0 Glendale	KFDJ	CP _HN UT		193.3 13.0	198.67 BPED20190422AAA	37 17 44.90 112 50 36.80	27.000 541	102.8 2481	69.0 Advance Ministries, Inc. D	58.4	75.3

Terrain database is NGDC 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= - Zone 2,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.  
« = Station meets FCC minimum distance spacing for its class.

