

Allocation Study
Translator K279CR
Channel 279D – 103.7 MHz
0.250 kW ERP (DA) – 492.9 m COR AMSL
Oklahoma City, Oklahoma
August 2021

Searching from Proposed Site

REFERENCE		CH# 279D - 103.7 MHz, Pwr= 0.25 kW DA, HAAT= 140.9 M, COR= 492.9 M										DISPLAY DATES	
35 33 59.2 N.		Average Protected F(50-50)= 15.3 km										DATA	08-16-21
97 28 29.1 W.		Standard Directional										SEARCH	08-16-21
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DI ST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*		
#281C Oklahoma City	KMGL	LIC	CN OK	234.1 54.1	1.21 BLH20070907ABU	35 33 36.20 97 29 08.10	100.000 472	12.6 822	86.9 Tyler Media, L. L. C.	-21.1*	-86.2*		
279C1 Okemah	AL6772	RSV-A	OK	108.7 289.4	111.32 RM11228	35 14 22.31 96 18 49.02	100.000 299	169.8 545	70.6 Rooney Moon Broadcasting,	-67.2*	13.9		
279C1 Okemah	KYLK	LIC	NCN OK	108.4 289.1	104.86 BMLED20110519ACI	35 15 47.30 96 22 44.00	72.000 282	159.1 540	65.3 Educational Media Foundati	-63.0*	13.0		
279D Oklahoma City	K279CRI	LIC	DCN OK	216.6 36.6	2.61 BLFT20160908AAO	35 32 51.20 97 29 31.10	0.099	597	---Reference---				
278C Anadarko	AL2395	RSV-A	N OK	259.6 78.9	106.30 RM9548	35 23 18.19 98 37 42.23	100.000 600	136.3 1083	91.5	-39.0*	2.4		
278C Anadarko	KVSP	LIC	CN OK	251.6 70.9	109.11 BLH20040723AAG	35 15 04.20 98 36 54.20	100.000 600	136.7 1048	91.8 Perry Broadcasting Of Sout	-37.5*	3.3		
#276D Oklahoma City	K276EX	LIC	CN OK	216.6 36.6	2.61 BLFT20140825ABG	35 32 51.20 97 29 31.10	0.099 268	0.7 624	17.7 The Love Station, Inc.	-10.4*	-15.8*		
277D Norman	K277DD	LIC	CN OK	175.5 355.6	38.42 BLFT20190624AAI	35 13 18.80 97 26 30.60	0.250	1.1 389	7.1 Tyler Media, LLC	22.6	30.3		
276D Stillwater	K276DZ	LIC	CN OK	34.5 214.8	72.02 BLFT19970604TE	36 05 58.10 97 01 14.10	0.250 9	1.1 294	7.1 Seabreeze Broadcasting	56.7	64.2		
276C2 Enid	KOFM	RSV-A	N OK	338.2 157.9	110.91	36 29 30.11 97 56 09.21	50.000 150	5.8 530	50.8 Williams Broadcasting Lic	90.4	59.2		
279C0 Wichita	KEYN-FM	LIC	NCN KS	359.0 179.0	248.39 BLH20031110AMY	37 48 01.00 97 31 30.20	100.000 307	172.6 729	72.8 Audacy License, LLC	60.6	125.3		
276C3 Enid	KOFM	LIC	CN OK	337.6 157.3	104.79 BLH19920630KF	36 26 13.10 97 55 17.20	25.000 91	4.0 473	38.4 Williams Broadcasting LLC	86.1	65.5		
276D Seminole	K276ET	LIC	CN OK	115.2 295.6	84.10 BLFT20070612ABJ	35 14 31.00 96 38 11.00	0.250 60	1.1 342	8.6 The University Of Oklahoma	73.5	74.6		

Terrain database is USGS 03 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. Call signs with exclamation marks need not be protected.
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.

Reference station has protected zone issue: AM tower

This proposal clears 2nd adjacent channel KMGL and 3rd adjacent channel K276EX under the provisions of §74.1204(d).

Bromo Communications, Inc.