

Allocation Study**1. Compliance with 47 C.F.R. 73.207**

The proposed facility meets all minimum distance separation requirements with regard to co-channel, first, second, or third adjacent channel stations, and those separated by 53/54 channels, except the license of KSNX Channel 288C1 Heber, AZ (FIN 171019). The proposed facility is 5.9 kilometers short-spaced to KSNX.

This application proposes contour protection for KSNX according to the guidelines of 47 C.F.R. 73.215. Section 47 C.F.R. 73.215(e) states that the minimum separation requirement between a class C2 and a class C1 facility, which are co-channel, is 211 km. Exhibit 17-A shows that KSNX is separated from the proposed facility by 218.1 km.

Therefore, the proposed facility is permitted to use contour protection toward the short-space facilities (See Exhibit 33 for compliance with contour protection requirements).

2. Fully Spaced Theoretical Site

A theoretical allotment site has been identified. It is located at 33° 00' 39" N by 112° 05' 32"W and is, in fact, fully spaced.

Exhibit Index:

- Exhibit 29-A shows the spacing at the proposed site.
- Exhibit 29-B demonstrates that the theoretical allotment site meets the minimum distance separation requirements of 47 C.F.R. 73.207.
- Exhibit 29-C is a topographical map that shows the location of the theoretical allotment site.
- Exhibit 29-D shows the city of license coverage map for the allotment site.
- Exhibit 33 shows the protected and interfering contours, in all directions, for the proposed operation.
- Exhibit 33-A Protected and interfering contours, over pertinent arcs, of KSNX Channel 288C1 Heber, AZ (FIN 171019).

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Exhibit 29-A

Maricopa, AZ

Proposed Site Spacing

REFERENCE		DISPLAY DATES
33 00 14.0 N.	CLASS = C2 Int = B	DATA 01-31-12
111 58 54.0 W.	Current Spacings to 3rd Adj.	SEARCH 01-31-12
----- Channel 288 - 105.5 MHz -----		

Call		Channel	Location		Azi	Dist	FCC	Margin
KLVA	LIC	288C2	Casa Grande	AZ	90.0	0.0	190.0	-190.0
KLVA	CP	288C3	Maricopa	AZ	322.3	33.4	177.0	-143.6
KSNX	LIC-N	288C1	Heber	AZ	41.6	218.1	224.0	-5.9
KZLZ	LIC-D	287C3	Casas Adobes	AZ	135.8	116.7	117.0	-0.35
KHOT-FM	LIC-Z	290C2	Paradise Valley	AZ	17.5	68.0	58.0	10.0
KHOV-FM	LIC	287C2	Wickenburg	AZ	331.8	150.0	130.0	20.0
R12341	DEL	287C2	Wickenburg	AZ	331.8	150.0	130.0	20.0
KHOV-FM	RSV-A	286C0	Wickenburg	AZ	327.7	140.6	89.0	51.6
KHOV-FM	APP-N	286C0	Wickenburg	AZ	331.7	149.8	89.0	60.8
R12465	ADD	291A	Miami	AZ	67.4	118.6	55.0	63.6

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Exhibit 29-B

Maricopa, AZ

Allocation Site Spacing

REFERENCE		DISPLAY DATES
33 00 39.0 N.	CLASS = C2 Int = B	DATA 02-01-12
112 05 32.0 W.	Current Spacings to 3rd Adj.	SEARCH 02-01-12
----- Channel 288 - 105.5 MHz -----		

Call		Channel	Location		Azi	Dist	FCC	Margin
KLVA%	LIC	288C2	Casa Grande	AZ	94.2	10.4	189.5	-179.1
KLVA%	CP	288C3	Maricopa	AZ	338.4	27.6	176.5	-148.9
KSNX	LIC-N	288C1	Heber	AZ	43.6	224.5	223.5	1.0
KZLZ	LIC-D	287C3	Casas Adobes	AZ	132.6	124.6	116.5	8.1
KHOT-FM	LIC-Z	290C2	Paradise Valley	AZ	25.6	71.1	57.5	13.6
R12341	DEL	287C2	Wickenburg	AZ	335.2	144.7	129.5	15.2
KHOV-FM	LIC	287C2	Wickenburg	AZ	335.2	144.7	129.5	15.2
KHOV-FM	RSV-A	286C0	Wickenburg	AZ	331.2	134.7	88.5	46.2
KHOV-FM	APP-N	286C0	Wickenburg	AZ	335.1	144.5	88.5	56.0

Topographic map of the Ak Chin Indian Reservation area. The map shows the Ak Chin Indian Reservation and the St. Francis Mission. A red arrow points to a specific location with coordinates 33° 00' 39.18", -112° 05' 34.51". The map includes various features such as roads, water bodies, and elevation contours. A north arrow and a scale bar are located at the bottom left.



Exhibit 29-D

KLVA.theo

Latitude: 33-00-39 N
Longitude: 112-05-32 W
ERP: 50.00 kW
Channel: 288
Frequency: 105.5 MHz
AMSL Height: 546.99 m
Horiz. Pattern: Omni

