

August 2019
KVVA-FM Channel 296C2 Sun Lakes, AZ
KDVA(FM) Channel 294A Buckeye, AZ
Comprehensive Allocation Study

Amendments

Amendments are being filed to the pending KVVA-FM and KDVA applications, file numbers BPH-20190723AAO and BPH-20190723AAN respectively. The purpose of these amendments are to:

- a) Incorporate an upgrade of KVVA-FM to Channel 296C2, rather than Channel 296C3, while requesting processing pursuant to §73.215 with respect to KDVA.
- b) Include a request for KDVA for processing pursuant to §73.215 with respect to KVVA-FM.
- c) Provide additional information regarding existing Mexican coordination status.

Contingent Application Group

The instant application is being filed as a part of a two-station contingent group comprised of two minor change applications, one request for a change in coordinates of a vacant allotment, plus one “show cause” channel change request. Two of the stations, KVVA-FM and KDVA(FM), are commonly licensed to Entravision Holdings, LLC (“Entravision”). By these applications, it is proposed that the following changes be made:

- 1) The KVVA-FM license is modified from Channel 296C3 at Apache Junction to Channel 296C2 at Sun Lakes, with a change in transmitter site;
- 2) In order to accommodate the KVVA-FM modification, the KDVA license is modified from Channel 295A at Buckeye to Channel 294A at Buckeye, at the existing KDVA transmitter site;
- 3) In order to accommodate the KDVA modification, it is requested that the Commission issue a “show cause” to modify the license of KPPV Channel 294C2 at Prescott Valley, Arizona, to operate on Channel 295C2 at the existing transmitter site, and;
- 4) In order to accommodate the KVVA-FM modification, the coordinates of vacant Channel 297C2 at Aguila, Arizona be modified.

Proposed Allotment and Transmitter Sites

Station	Allotment Site Coordinates NAD27	Transmitter Site Coordinates NAD27
KVVA-FM 296C2 Sun Lakes, Arizona	33 - 23 - 21 111 - 59 - 54	33 - 20 - 00 112 - 03 - 49
KDVA 294A Buckeye, Arizona	33 - 27 - 01 112 - 35 - 58	33 - 27 - 01 112 - 35 - 58
KPPV 295C2 Prescott Valley, Arizona	34 - 29 - 25 112 - 32 - 00	34 - 29 - 25 112 - 32 - 00
Vacant 297C2 Aguila, Arizona	33 - 56 - 32 113 - 15 - 39	dna

KVVA-FM Channel 296C2 Sun Lakes: Allotment Site

The attached spacing study shows that the proposed Sun Lakes 296C2 allotment site meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of KDVA on Channel 295A at Buckeye. By simultaneously-filed application, however, KDVA is proposed to be modified to operate on Channel 294A. The proposed KVVA-FM allotment site is fully-spaced to the simultaneously-proposed KDVA allotment/transmitter site on Channel 294A.

The proposed Sun Lakes 296C2 allotment site is also indicated to be short-spaced to the coordinates for vacant Channel 297C2 at Aguila.⁵ By this application, it is requested that the Commission modify the Aguila Channel 297C2 allotment coordinates to: N 33-56-32 x W 113-15-39. The proposed KVVA-FM allotment site is fully-spaced to the simultaneously-proposed Aguila Channel 297C2 allotment site coordinates.

KVVA-FM Channel 296C2 Sun Lakes: Transmitter Site

The attached spacing study shows that the proposed KVVA-FM transmitter site meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation

⁵ FM station KAZV had been licensed on Channel 297C2 at Aguila, Arizona. However, the KAZV license expired as a matter of law on July 10, 2019, for failure to operate for a twelve month period, and the licensee has surrendered the license.

of KDVA on Channel 295A at Buckeye. By simultaneously-filed application, however, KDVA is proposed to be modified to operate on Channel 294A. The proposed KVVA-FM transmitter site is short-spaced to the proposed operation of KDVA on Channel 294A at Buckeye. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KDVA, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

The proposed Sun Lakes 296C2 allotment site is also indicated to be short-spaced to the coordinates for vacant Channel 297C2 at Aguila. As discussed above, it is requested that the Commission modify the Aguila Channel 297C2 allotment coordinates. The proposed KVVA-FM allotment site is fully-spaced to the simultaneously-proposed Aguila Channel 297C2 allotment site coordinates.

KVVA-FM Mexican Coordination Status

KVVA-FM currently operates on Channel 296C3 at Apache Junction. However, under the terms of the US-Mexico FM Agreement, Annex 2, Table B, Part I "Initial List of United States Assignments", the Apache Junction assignment is recognized by Mexico as Channel 296C at coordinates of 33-26-48 NL x 111-37-32 WL.

The attached allocation study map demonstrates that the proposed KVVA-FM 296C2 Sun Lakes 60 dBu contour (47.1 km radius for the proposed ERP/HAAT) is completely contained within the 92 km protected radius from the Channel 296C assignment coordinates listed above. Therefore, the proposed operation is expressly permitted by the terms of Article 8.1.1 of the US-Mexico FM Agreement, which states:

A new or modified assignment proposed by an Administration, whose parameters are different from those of its corresponding allotment, does not require prior acceptance for its use, as long as the resultant protected contour remains inside the protected contour of the allotment from which it is derived.

Accordingly, no further coordination with Mexico is necessary for the proposed KVVA-FM facility on Channel 296C2 at Sun Lakes.

KDVA Channel 294A Buckeye: Single Allotment and Transmitter Site

A single allotment and transmitter site is proposed for KDVA on Channel 294A at Buckeye, that being the presently-licensed KDVA transmitter site. The attached spacing study shows that the proposed KDVA Channel 294A allotment and transmitter site meets the co-channel and adjacent channel spacing requirements for Class A stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of KPPV on Channel 294C2 at Prescott Valley. By this application, however, it is being requested that KPPV be modified to operate on Channel 295C2. The proposed KDVA facility is fully-spaced to the proposed KPPV facility on Channel 295C2.

The proposed KDVA transmitter site is short-spaced to the proposed operation of KVVA-FM on Channel 296C2 at Sun Lakes. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KVVA-FM, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

KDVA Mexican Coordination Status

The FCC database includes an entry for Channel 294C3 at Buckeye, at coordinates of 33-17-23 NL x 112-31-12 WL, with the comment “8/20/2013: FOR INTERNATIONAL USE ONLY as protection from Mexico. Not protected domestically.”

The attached allocation study map demonstrates that the proposed KDVA 294A Sun Lakes 57 dBu contour (32.1 km radius for the proposed ERP/HAAT) is completely contained within the 45 km protected radius from the Channel 294B1 assignment coordinates listed above, in any direction where the Mexican border lies within 320 kilometers of the proposed transmitter site. (57 dBu has been used because Class C3 is not included in the US-Mexico FM Agreement, and so the equivalent Class B1 is the coordinated class.)

Therefore, the proposed operation is expressly permitted by the terms of Article 8.1.1 of the US-Mexico FM Agreement, which states:

A new or modified assignment proposed by an Administration, whose parameters are different from those of its corresponding allotment, does not require prior acceptance for its use, as long as the resultant protected contour remains inside the protected contour of the allotment from which it is derived.

Accordingly, no further coordination with Mexico is necessary for the proposed KDVA facility on Channel 294A at Buckeye.

KPPV Channel 295C2 Prescott Valley: Single Allotment and Transmitter Site

The attached spacing study shows that operation of KPPV on Channel 295C2 at its licensed transmitter site meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of KDVA on Channel 295A at Buckeye. By simultaneously-filed application, however, KDVA is proposed to operate on Channel 294A. Operation of KPPV on Channel 295C2 is fully-spaced to the simultaneously-proposed KDVA facility on Channel 294A.

Show Low: The spacing study indicates a short-spacing to a reserved allotment on Channel 295C at Show Low, Arizona. Channel 295C at Show Low is not an active proposal or reservation. The Show Low 295C proposal was advanced as part of an application by KIKO-FM 247C2 Claypool, requesting a move to 243C2 Claypool. In order to effect that change, the KIKO-FM licensee requested that Channel 295C2 be substituted for Channel 243C at Show Low, for use by KRFM. The KIKO-FM licensee abandoned that proposal, but the Show Low 295C reservation has remained in the database. KIKO-FM subsequently pursued its channel change again, but with the cooperation of KRFM in moving to Channel 253C0 in lieu of Channel 295C. KIKO-FM is now licensed on Channel 243C2, and KRFM is licensed on Channel 253C0. Therefore, the Show Low Channel 295C entry in the database is stale and is no impediment to the proposed modification of KPPV.

Star Valley: The spacing study indicates a short-spacing to a proposal to add Channel 295A as a vacant allotment at Star Valley, Arizona. On June 21, 2017, Kona Coast Radio, LLC (Kona Coast) filed a Petition for Rulemaking, proposing the addition of Channel 242A at Star Valley. The Kona Coast proposal was never assigned a docket number. Subsequently on August 21, 2017, 1TV.Com, Inc. (1TV) advanced a proposal (in the form of an informal comment) for Channel 295A at Star Valley as an alternative to Channel 242A.

On April 25, 2018, the Commission issued a letter returning the Kona Coast Petition for Rulemaking, and dismissing their associated Form 301 application for Channel 242A at Star Valley. Therefore, 1TV's informal comment promoting Channel 295A at Star Valley in lieu of Channel 242A was rendered moot, and warrants no further consideration in this application.

Show Cause Request: With regard to this involuntary channel change, it is respectfully requested that the Commission issue an Order to Show Cause to Prescott Valley Broadcasting Co., Inc., the licensee of KPPV. The applicant pledges to reimburse the licensee of KPPV for its reasonable expenses in connection with the foregoing channel change, under the terms prescribed by the Commission in *Circleville, Ohio*, 8 FCC Rcd 159 (1967).

Vacant Channel 297C2 Aguila: Allotment Site Coordinate Change

The license for KAZV Channel 297C2 Aguila expired as a matter of law on July 10, 2019, for failure to operate for a twelve month period, and the licensee has surrendered the license.

By this application, it is requested that the Commission modify the Aguila Channel 297C2 allotment coordinates to: N 33-56-32 x W 113-15-39. This site is located 11 kilometers from the far side of the community of Aguila. The standard 70 dBu contour distance for a Class C2 station is 32.6 kilometers, and so therefore this allotment will provide 70 dBu service to 100% of that community.

Aguila Channel 297C2 Mexican Coordination Status

Mexican authorities have previously approved Channel 297C1 at coordinates of 33-48-05 NL x 113-17-04 WL.

The attached allocation study map demonstrates that the proposed Aguila 297C2 60 dBu contour radius (52 km radius for maximum Class C2 ERP/HAAT) is completely contained within the 72 km protected radius from the Channel 297C1 assignment coordinates listed above, in any direction where the Mexican border lies within 320 kilometers of the proposed transmitter site.

Therefore, the proposed operation is expressly permitted by the terms of Article 8.1.1 of the US-Mexico FM Agreement, which states:

A new or modified assignment proposed by an Administration, whose parameters are different from those of its corresponding allotment, does not require prior acceptance for its use, as long as the resultant protected contour remains inside the protected contour of the allotment from which it is derived.

Accordingly, no further coordination with Mexico is necessary for the proposed Aguila Channel 297C2 allotment site.

The underlying KVVA-FM assignment is listed as Channel 296C at Apache Junction in the 1992 US-Mexico FM Agreement.

The proposed 60 dBu contour (47.1 km radius) is entirely contained within the Apache Junction 296C 92 km protected service radius.

YAVAPAI

KVVA-FM 296C2
Proposed 60 dBu
47.1 km Radius

GILA

MARICOPA

PINAL

GRAHAM

Alc 296C Apache Junction
92 km radius

PIMA

COCHISE

KVVA-FM 296C2 Mexico Allocation Study Map

0 50 100 150

Kilometers

Hatfield & Dawson

8/2019

The US has coordinated Buckeye Channel 294B1 with Mexico.

The proposed 57 dBu contour (32.1 km radius) is entirely contained within the Buckeye 294B1 protected service radius, in any direction where the Mexican border lies within 320 kilometers.

KDVA 294A Buckeye
Proposed 57 dBu
32.1 km Radius

MARICOPA

Alc 294B1 Buckeye
45 km radius

LA PAZ

YUMA

PINAL

PIMA

KDVA 294A Mexico Allocation Study Map

0 50 100 150

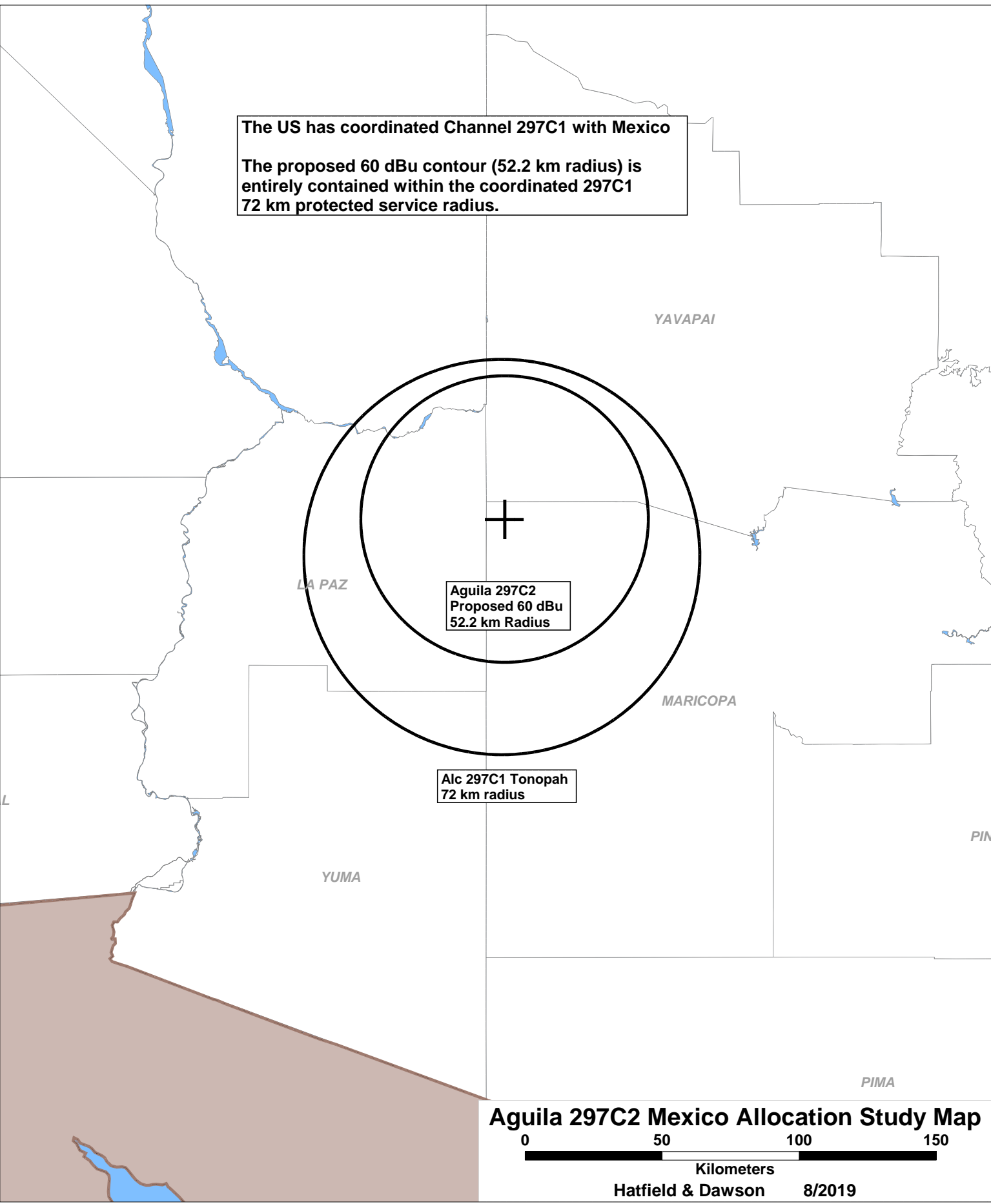
Kilometers

Hatfield & Dawson

8/2019

The US has coordinated Channel 297C1 with Mexico

The proposed 60 dBu contour (52.2 km radius) is entirely contained within the coordinated 297C1 72 km protected service radius.



Aguila 297C2
Proposed 60 dBu
52.2 km Radius

Alc 297C1 Tonopah
72 km radius

Aguila 297C2 Mexico Allocation Study Map

0 50 100 150

Kilometers

Hatfield & Dawson 8/2019

KDVA 294A Buckeye
Proposed 73.215 Contours
60 dBu F(50,50)
100 dBu F(50,10)

KVVA-FM 296C2 Sun Lakes
Proposed 73.215 Contours
60 dBu F(50,50)
100 dBu F(50,10)

MARICOPA

KVVA-FM and KDVA Allocation Study Map



Hatfield & Dawson

8/2019

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SEARCH PARAMETERS                               FM Database Date: 190819
Channel: 296C2 107.1 MHz                        Page 1
Latitude: 33 23 21
Longitude: 111 59 54
Safety Zone: 32 km
Job Title: KVVA-FM 296C2 ALLOT SITE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K243BN LIC	LAVEEN AZ	BLFT-71211AAV	243D 96.5	0.250 328.0	33-35-39 112-05-08	340.5	24.14 0.00	0 TRANS
KKMR LIC	ARIZONA CITY AZ	BLED-81026AAU	293A 106.5	0.860 266.0	32-49-17 111-42-42	157.0 SS	68.42 13.42	55 CLEAR
K293CO LIC	PHOENIX AZ	BLFT-80326AAC	293D 106.5	0.250 145.0	33-23-21 111-59-53	39.9	0.04 0.00	0 TRANS
	BUCKEYE AZ	-	294C3 106.7	0.000 0.0	33-17-23 112-31-12	257.3	49.80 -6.20	56 SHORT
COMMENT: 8/20/2013: FOR INTERNATIONAL USE ONLY AS PROTECTION FROM MEXICO. NOT PROTECTED DOMESTICALLY								
KDVA APP	BUCKEYE AZ	BPH-90723AAN	294A 106.7	6.000 93.0	33-27-01 112-35-58	277.1	56.32 1.32	55 CLOSE
KDVA RSV	BUCKEYE AZ	-	294A 106.7	0.000 0.0	33-27-01 112-35-58	277.1	56.32 1.32	55 CLOSE
K294CW LIC	PHOENIX AZ	BLFT-71129ABI	294D 106.7	0.250 324.0	33-35-39 112-05-08	340.5	24.14 0.00	0 TRANS
KDVA LIC	BUCKEYE AZ	BLH-980814KB	295A 106.9	6.000 93.0	33-27-01 112-35-58	277.1	56.32 -49.68	106 SHORT
NOTE: TO CHANNEL 294A PER SIMULTANEOUSLY-FILED APPLICATION								
K295AL LIC	LITTLE ACRES AZ	BLFT-70323AIE	295D 106.9	0.015 1235.0	33-17-37 110-50-09	95.3	108.74 0.00	0 TRANS
ADD	PRESCOTT VALLEY AZ	RM-inv-63	295C2 106.9	0.000 0.0	34-29-25 112-32-00	338.2	131.77 1.77	130 CLOSE
NOTE: FROM CHANNEL 294C2, RESERVED FOR KPPV								
RSV	SHOW LOW AZ	RM-NS-155	295C 106.9	0.000 0.0	34-12-20 109-56-26	63.9	210.98 22.98	188 CLEAR
ADD	STAR VALLEY AZ	RM-NS0070	295A 106.9	0.000 0.0	34-13-47 111-14-23	36.7	116.73 10.73	106 CLEAR
KVVA-FM LIC	APACHE JUNCTION AZ	BLH-30315ABB	296C3 107.1	17.000 124.0	33-26-44 111-37-19	79.7	35.56 -141.44	177 SHORT

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SEARCH PARAMETERS FM Database Date: 190819

Channel: 296C2 107.1 MHz
 Latitude: 33 23 21
 Longitude: 111 59 54
 Safety Zone: 32 km
 Job Title: KVVA-FM 296C3 ALLOT SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K296GT LIC	MT LEMMON AZ BLFT-70901AAZ	296D 107.1	0.002 DA 0.0	32-15-11 110-57-44	142.3	159.02 0.00	0 TRANS	
K296GN LIC	PRESCOTT VALLEY AZ BLFT-50612AAD	296D 107.1	0.250 DA 0.0	34-41-15 112-07-01	355.7	144.43 0.00	0 TRANS	
KVVA-FM APP	SUN LAKES AZ BPH-90723AAO	296C3 107.1	0.870 508.0	33-20-00 112-03-49	224.3	8.68 -168.32	177 SHORT	
KVVA-FM RSV	SUN LAKES AZ -	296C3 107.1	0.000 0.0	33-21-43 111-58-03	136.6	4.17 -172.83	177 SHORT	
ADD	AGUILA AZ RM-coord-42	297C2 107.3	0.000 0.0	33-56-32 113-15-39	298.1	132.19 2.19	130 CLOSE	
DEL	AGUILA AZ RM-coord-42	297C2 107.3	0.000 0.0	33-44-54 113-04-28	292.1	107.57 -22.43	130 SHORT	
NOTE: ALLOTMENT COORDINATE CHANGE PROPOSED								
DKAZV VAC	AGUILA AZ -	297C2 107.3	0.000 0.0	33-44-54 113-04-28	292.1	107.57 -22.43	130 SHORT	
NOTE: LICENSE SURRENDERED								
K298CK LIC	PHOENIX AZ BLFT-70721ABB	298D 107.5	0.250 321.0	33-35-39 112-05-08	340.5	24.14 0.00	0 TRANS	
===== BEGINNING SEARCH OF SECONDARY DATABASE =====								
KVVA-FM ALC	SUN LAKES (ALLOT) AZ -	296C2 107.1	0.000 0.0	33-21-43 111-58-03	0.0	0.00 -190.00	190 SHORT	
KVVA-FM ALC	SUN LAKES (XMIT) AZ -	296C2 107.1	0.000 0.0	33-19-58 112-03-53	250.3	9.61 -180.39	190 SHORT	

===== END OF FM SPACING STUDY FOR CHANNEL 296 =====

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SEARCH PARAMETERS                      FM Database Date: 190819
Channel: 296C2 107.1 MHz                Page 1
Latitude: 33 20 0
Longitude: 112 3 49
Safety Zone: 32 km
Job Title: KVVA-FM 296C2 TRANSMITTER SITE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K243BN LIC	LAVEEN AZ	BLFT-71211AAV	243D 96.5	0.250 328.0	DA 33-35-39 112-05-08	356.0	29.00 0.00	0 TRANS
KKMR LIC	ARIZONA CITY AZ	BLED-81026AAU	293A 106.5	0.860 266.0	32-49-17 111-42-42	150.0 SS	65.60 10.60	55 CLEAR
K293CO LIC	PHOENIX AZ	BLFT-80326AAC	293D 106.5	0.250 145.0	DA 33-23-21 111-59-53	44.4	8.69 0.00	0 TRANS
	BUCKEYE AZ	-	294C3 106.7	0.000 0.0	33-17-23 112-31-12	263.6	42.78 -13.22	56 SHORT
COMMENT: 8/20/2013: FOR INTERNATIONAL USE ONLY AS PROTECTION FROM MEXICO. NOT PROTECTED DOMESTICALLY								
KDVA APP	BUCKEYE AZ	BPH-90723AAN	294A 106.7	6.000 93.0	33-27-01 112-35-58	284.8	51.51 -3.49	55 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 49 KM								
KDVA RSV	BUCKEYE AZ	-	294A 106.7	0.000 0.0	33-27-01 112-35-58	284.8	51.51 -3.49	55 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 49 KM								
K294CW LIC	PHOENIX AZ	BLFT-71129ABI	294D 106.7	0.250 324.0	DA 33-35-39 112-05-08	356.0	29.00 0.00	0 TRANS
KDVA LIC	BUCKEYE AZ	BLH-980814KB	295A 106.9	6.000 93.0	33-27-01 112-35-58	284.8	51.51 -54.49	106 SHORT
NOTE: TO CHANNEL 294A PER SIMULTANEOUSLY-FILED APPLICATION								
K295AL LIC	LITTLE ACRES AZ	BLFT-70323AIE	295D 106.9	0.015 1235.0	33-17-37 110-50-09	91.9	114.42 0.00	0 TRANS
ADD	PRESCOTT VALLEY AZ	RM-inv-63	295C2 106.9	0.000 0.0	34-29-25 112-32-00	341.5	135.48 5.48	130 CLOSE
RSV	SHOW LOW AZ	RM-NS-155	295C 106.9	0.000 0.0	34-12-20 109-56-26	63.1	219.18 31.18	188 CLEAR
ADD	STAR VALLEY AZ	RM-NS0070	295A 106.9	0.000 0.0	34-13-47 111-14-23	37.1	125.33 19.33	106 CLEAR
KVVA-FM LIC	APACHE JUNCTION AZ	BLH-30315ABB	296C3 107.1	17.000 124.0	33-26-44 111-37-19	73.0	42.94 -134.06	177 SHORT

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SEARCH PARAMETERS FM Database Date: 190819

Channel: 296C2 107.1 MHz
 Latitude: 33 20 0
 Longitude: 112 3 49
 Safety Zone: 32 km
 Job Title: KVVA-FM 296C2 TRANSMITTER SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K296GT LIC	MT LEMMON AZ BLFT-70901AAZ	296D 107.1	0.002 DA 0.0	32-15-11 110-57-44	139.1	158.10 0.00	0 TRANS	
K296GN LIC	PRESCOTT VALLEY AZ BLFT-50612AAD	296D 107.1	0.250 DA 0.0	34-41-15 112-07-01	358.1	150.28 0.00	0 TRANS	
KVVA-FM APP	SUN LAKES AZ BPH-90723AAO	296C3 107.1	0.870 508.0	33-20-00 112-03-49	0.0	0.00 -177.00	177 SHORT	
KVVA-FM RSV	SUN LAKES AZ -	296C3 107.1	0.000 0.0	33-21-43 111-58-03	70.4	9.49 -167.51	177 SHORT	
ADD	AGUILA AZ RM-coord-42	297C2 107.3	0.000 0.0	33-56-32 113-15-39	301.8	129.99 -0.01	130 SHORT	
DEL	AGUILA AZ RM-coord-42	297C2 107.3	0.000 0.0	33-44-54 113-04-28	296.5	104.56 -25.44	130 SHORT	
NOTE: ALLOTMENT COORDINATE CHANGE PROPOSED								
DKAZV VAC	AGUILA AZ -	297C2 107.3	0.000 0.0	33-44-54 113-04-28	296.5	104.56 -25.44	130 SHORT	
NOTE: LICENSE SURRENDERED								
K298CK LIC	PHOENIX AZ BLFT-70721ABB	298D 107.5	0.250 321.0	33-35-39 112-05-08	356.0	29.00 0.00	0 TRANS	
===== BEGINNING SEARCH OF SECONDARY DATABASE =====								
KVVA-FM ALC	SUN LAKES (ALLOT) AZ -	296C2 107.1	0.000 0.0	33-21-43 111-58-03	70.4	9.49 -180.51	190 SHORT	
KVVA-FM ALC	SUN LAKES (XMIT) AZ -	296C2 107.1	0.000 0.0	33-19-58 112-03-53	239.1	0.12 -189.88	190 SHORT	
===== END OF FM SPACING STUDY FOR CHANNEL 296 =====								

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SEARCH PARAMETERS

FM Database Date: 190819

Channel: 294A 106.7 MHz
 Latitude: 33 27 1
 Longitude: 112 35 58
 Safety Zone: 32 km
 Job Title: KDVA 294A ALLOT AND TRANSMITTER SITE

Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K240DC LIC	BUCKEYE AZ	BLFT-90322AAA	240D 95.9	0.250 0.0	33-34-02 112-33-26	16.7	13.55 0.00	0 TRANS
KOMR LIC	SUN CITY AZ	BLH-961025KC	292C2 106.3	23.000 221.0	33-57-21 112-28-34	11.4	57.23 2.23	55 CLOSE
K293CO LIC	PHOENIX AZ	BLFT-80326AAC	293D 106.5	0.250 145.0	33-23-21 111-59-53	96.8	56.34 0.00	0 TRANS
	BUCKEYE AZ	-	294C3 106.7	0.000 0.0	33-17-23 112-31-12	157.5	19.28 -122.72	142 SHORT
COMMENT: 8/20/2013: FOR INTERNATIONAL USE ONLY AS PROTECTION FROM MEXICO. NOT PROTECTED DOMESTICALLY								
KDVA APP	BUCKEYE AZ	BPH-90723AAN	294A 106.7	6.000 93.0	33-27-01 112-35-58	0.0	0.00 -115.00	115 SHORT
KDVA RSV	BUCKEYE AZ	-	294A 106.7	0.000 0.0	33-27-01 112-35-58	0.0	0.00 -115.00	115 SHORT
K294CW LIC	PHOENIX AZ	BLFT-71129ABI	294D 106.7	0.250 324.0	33-35-39 112-05-08	71.3	50.34 0.00	0 TRANS
DEL	PRESCOTT VALLEY AZ	RM-inv-63	294C2 106.7	0.000 0.0	34-29-25 112-32-00	3.0	115.52 -50.48	166 SHORT
NOTE: PROPOSED TO 295C2								
KPPV LIC	PRESCOTT VALLEY AZ	BLH-930204KB	294C2 106.7	3.700 493.0	34-29-25 112-32-00	3.0	115.52 -50.48	166 SHORT
NOTE: PROPOSED TO 295C2								
KPPV-FM2 LIC	PRESCOTT VALLEY AZ	BLFTB-20525AAF	294D 106.7	0.100 0.0	34-42-02 112-07-04	17.6	145.63 0.00	0 BOOST
KDVA LIC	BUCKEYE AZ	BLH-980814KB	295A 106.9	6.000 93.0	33-27-01 112-35-58	0.0	0.00 -72.00	72 SHORT
ADD	PRESCOTT VALLEY AZ	RM-inv-63	295C2 106.9	0.000 0.0	34-29-25 112-32-00	3.0	115.52 9.52	106 CLOSE

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SEARCH PARAMETERS FM Database Date: 190819

Channel: 294A 106.7 MHz Page 2

Latitude: 33 27 1

Longitude: 112 35 58

Safety Zone: 32 km

Job Title: KDVA 294A ALLOT AND TRANSMITTER SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KVVA-FM	SUN LAKES		296C3	0.870	33-20-00	104.5	51.51	42
APP	AZ BPH-90723AAO		107.1	508.0	112-03-49		9.51	CLOSE
KVVA-FM	SUN LAKES		296C3	0.000	33-21-43	99.3	59.60	42
RSV	AZ -		107.1	0.0	111-58-03		17.60	CLEAR
	AGUILA		297C2	0.000	33-56-32	312.0	82.08	55
ADD	AZ RM-coord-42		107.3	0.0	113-15-39		27.08	CLEAR
	AGUILA		297C2	0.000	33-44-54	307.1	55.11	55
DEL	AZ RM-coord-42		107.3	0.0	113-04-28		0.11	CLOSE
NOTE: ALLOTMENT COORDINATE CHANGE PROPOSED								
DKAZV	AGUILA		297C2	0.000	33-44-54	307.1	55.11	55
VAC	AZ -		107.3	0.0	113-04-28		0.11	CLOSE
NOTE: LICENSE SURRENDERED								

===== BEGINNING SEARCH OF SECONDARY DATABASE =====

KVVA-FM	SUN LAKES (ALLOT)		296C2	0.000	33-21-43	99.3	59.60	55
ALC	AZ -		107.1	0.0	111-58-03		4.60	CLOSE
KVVA-FM	SUN LAKES (XMIT)		296C2	0.000	33-19-58	104.6	51.43	55
ALC	AZ -		107.1	0.0	112-03-53		-3.57	SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 49 KM								

===== END OF FM SPACING STUDY FOR CHANNEL 294 =====

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SEARCH PARAMETERS

FM Database Date: 190819

Channel: 295C2 106.9 MHz
 Latitude: 34 29 25
 Longitude: 112 32 0
 Safety Zone: 32 km
 Job Title: KPPV 295C2 ALLOT AND TRANSMITTER SITE

Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K242BZ LIC	COTTONWOOD AZ	BLFT-01213AHP	242D 96.3	0.093 1235.0	34-41-12 112-07-02	60.1	43.95 0.00	0 TRANS
KOMR LIC	SUN CITY AZ	BLH-961025KC	292C2 106.3	23.000 221.0	33-57-21 112-28-34	174.9	59.52 1.52	58 CLOSE
	BUCKEYE AZ	-	294C3 106.7	0.000 0.0	33-17-23 112-31-12	179.5	133.17 16.17	117 CLEAR
KDVA APP	BUCKEYE AZ	BPH-90723AAN	294A 106.7	6.000 93.0	33-27-01 112-35-58	183.0	115.52 9.52	106 CLOSE
KDVA RSV	BUCKEYE AZ	-	294A 106.7	0.000 0.0	33-27-01 112-35-58	183.0	115.52 9.52	106 CLOSE
K294AN LIC	PAYSON AZ	BLFT-950920TA	294D 106.7	0.012 661.0	34-17-17 111-11-32	100.0	125.36 0.00	0 TRANS
K294CW LIC	PHOENIX AZ	BLFT-71129ABI	294D 106.7	0.250 324.0	33-35-39 112-05-08	157.4	107.65 0.00	0 TRANS
DEL NOTE:	PRESCOTT VALLEY AZ	RM-inv-63 PROPOSED TO 295C2	294C2 106.7	0.000 0.0	34-29-25 112-32-00	0.0	0.00 -130.00	130 SHORT
KPPV LIC	PRESCOTT VALLEY AZ	BLH-930204KB	294C2 106.7	3.700 493.0	34-29-25 112-32-00	0.0	0.00 -130.00	130 SHORT
KPPV-FM2 LIC	PRESCOTT VALLEY AZ	BLFTB-20525AAF	294D 106.7	0.100 0.0	34-42-02 112-07-04	58.3	44.69 0.00	0 BOOST
KDVA LIC NOTE:	BUCKEYE AZ	BLH-980814KB PROPOSED TO 294A	295A 106.9	6.000 93.0	33-27-01 112-35-58	183.0	115.52 -50.48	166 SHORT
ADD	PRESCOTT VALLEY AZ	RM-inv-63	295C2 106.9	0.000 0.0	34-29-25 112-32-00	0.0	0.00 -190.00	190 SHORT
K295CV CP	SEDONA AZ	BNPFT-80418ACZ	295D 106.9	0.250 228.0	34-51-39 111-49-10	57.5	77.27 0.00	0 TRANS

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SEARCH PARAMETERS                               FM Database Date: 190819
Channel: 295C2 106.9 MHz                        Page 2
Latitude: 34 29 25
Longitude: 112 32 0
Safety Zone: 32 km
Job Title: KPPV 295C2 ALLOT AND TRANSMITTER SITE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
RSV	AZ	RM-NS-155	295C 106.9	0.000 0.0	34-12-20 109-56-26	96.8	240.64 -8.36	249 SHORT
NOTE: ABANDONED PROPOSAL; SEE TEXT FOR DETAILS								
ADD	AZ	RM-NS0070	295A 106.9	0.000 0.0	34-13-47 111-14-23	103.3	122.47 -43.53	166 SHORT
NOTE: SUGGESTED ALTERNATE CHANNEL ADVANCED IN COMMENTS TO UNDOCKETED P4RM. RENDERED MOOT BY DISMISSAL OF ORIGINAL P4RM. SEE TEXT FOR DETAILS.								
KVVA-FM LIC	APACHE JUNCTION AZ	BLH-30315ABB	296C3 107.1	17.000 124.0	33-26-44 111-37-19	143.9	143.26 26.26	117 CLEAR
KLJX-LP LIC	FLAGSTAFF AZ	BLL-51119AAX	296L1 107.1	0.100 -42.4	35-11-30 111-39-17	45.5	111.86 31.86	80 CLEAR
K296GN LIC	PRESCOTT VALLEY AZ	BLFT-50612AAD	296D 107.1	0.250 DA 0.0	34-41-15 112-07-01	60.0	44.02 0.00	0 TRANS
KVVA-FM APP	SUN LAKES AZ	BPH-90723AAO	296C3 107.1	0.870 508.0	33-20-00 112-03-49	161.2	135.48 18.48	117 CLEAR
KVVA-FM RSV	SUN LAKES AZ	-	296C3 107.1	0.000 0.0	33-21-43 111-58-03	157.2	135.65 18.65	117 CLEAR
KNKK LIC	NEEDLES CA	BLH-20708AAZ	296C1 107.1	16.500 582.0	35-01-58 114-21-57	290.3	178.24 20.24	158 CLEAR
ADD	AGUILA AZ	RM-coord-42	297C2 107.3	0.000 0.0	33-56-32 113-15-39	227.9	90.50 32.50	58 CLEAR
KSED LIC	SEDONA AZ	BLH-940826KB	298C0 107.5	100.000 446.0	34-58-07 111-30-24	60.2	107.97 18.97	89 CLEAR
===== BEGINNING SEARCH OF SECONDARY DATABASE =====								
KVVA-FM ALC	SUN LAKES (ALLOT) AZ	-	296C2 107.1	0.000 0.0	33-21-43 111-58-03	157.2	135.65 5.65	130 CLOSE
KVVA-FM ALC	SUN LAKES (XMIT) AZ	-	296C2 107.1	0.000 0.0	33-19-58 112-03-53	161.3	135.50 5.50	130 CLOSE
===== END OF FM SPACING STUDY FOR CHANNEL 295 =====								

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SEARCH PARAMETERS FM Database Date: 190819

Channel: 297C2 107.3 MHz
 Latitude: 33 56 32
 Longitude: 113 15 39
 Safety Zone: 32 km
 Job Title: AGUILA 297C2 NEW ALLOTMENT SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KDVA	BUCKEYE		294A	6.000	33-27-01	131.6	82.08	55
APP	AZ BPH-90723AAN		106.7	93.0	112-35-58		27.08	CLEAR
KDVA	BUCKEYE		294A	0.000	33-27-01	131.6	82.08	55
RSV	AZ -		106.7	0.0	112-35-58		27.08	CLEAR
	PRESCOTT VALLEY		294C2	0.000	34-29-25	47.5	90.50	58
DEL	AZ RM-inv-63		106.7	0.0	112-32-00		32.50	CLEAR
KPPV	PRESCOTT VALLEY		294C2	3.700	34-29-25	47.5	90.50	58
LIC	AZ BLH-930204KB		106.7	493.0	112-32-00		32.50	CLEAR
KDVA	BUCKEYE		295A	6.000	33-27-01	131.6	82.08	55
LIC	AZ BLH-980814KB		106.9	93.0	112-35-58		27.08	CLEAR
	PRESCOTT VALLEY		295C2	0.000	34-29-25	47.5	90.50	58
ADD	AZ RM-inv-63		106.9	0.0	112-32-00		32.50	CLEAR
K296GN	PRESCOTT VALLEY		296D	0.250 DA	34-41-15	51.4	133.87	0
LIC	AZ BLFT-50612AAD		107.1	0.0	112-07-01		0.00	TRANS
KVVA-FM	SUN LAKES		296C3	0.870	33-20-00	121.1	129.99	117
APP	AZ BPH-90723AAO		107.1	508.0	112-03-49		12.99	CLEAR
KVVA-FM	SUN LAKES		296C3	0.000	33-21-43	118.0	136.15	117
RSV	AZ -		107.1	0.0	111-58-03		19.15	CLEAR
KNKK	NEEDLES		296C1	16.500	35-01-58	320.4	157.91	158
LIC	CA BLH-20708AAZ		107.1	582.0	114-21-57		-0.09	SHORT
	AGUILA		297C2	0.000	33-56-32	0.0	0.00	190
ADD	AZ RM-coord-42		107.3	0.0	113-15-39		-190.00	SHORT
	AGUILA		297C2	0.000	33-44-54	141.3	27.57	190
DEL	AZ RM-coord-42		107.3	0.0	113-04-28		-162.43	SHORT
NOTE:	ALLOTMENT SITE CHANGE PROPOSED							
DKAZV	AGUILA		297C2	0.000	33-44-54	141.3	27.57	190
VAC	AZ -		107.3	0.0	113-04-28		-162.43	SHORT
NOTE:	LICENSE SURRENDERED							

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SEARCH PARAMETERS FM Database Date: 190819

Channel: 297C2 107.3 MHz
 Latitude: 33 56 32
 Longitude: 113 15 39
 Safety Zone: 32 km
 Job Title: AGUILA 297C2 NEW ALLOTMENT SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K298BS CP	LAKE HAVASU CITY AZ	BPFT-70524AAB	298D 107.5	0.099 DA 0.0	34-33-00 114-11-38	308.5	109.24 0.00	0 TRANS
K298BS LIC	LAKE HAVASU CITY AZ	BLFT-70119ABI	298D 107.5	0.050 DA 0.0	34-29-10 114-13-08	304.7	106.93 0.00	0 TRANS
K298CK LIC	PHOENIX AZ	BLFT-70721ABB	298D 107.5	0.250 321.0	33-35-39 112-05-08	109.3	115.52 0.00	0 TRANS
KSED LIC	SEDONA AZ	BLH-940826KB	298C0 107.5	100.000 446.0	34-58-07 111-30-24	54.1	197.35 21.35	176 CLEAR
DKFTT VAC	BAGDAD AZ	-	299C3 107.7	0.000 0.0	34-35-37 113-22-30	351.8	73.02 17.02	56 CLEAR
KMLE LIC	CHANDLER AZ	BLH-881103KA	300C 107.9	100.000 529.0	33-20-03 112-03-43	121.0	130.08 25.08	105 CLEAR

===== BEGINNING SEARCH OF SECONDARY DATABASE =====

KVVA-FM ALC	SUN LAKES (ALLOT) AZ	-	296C2 107.1	0.000 0.0	33-21-43 111-58-03	118.0	136.15 6.15	130 CLOSE
KVVA-FM ALC	SUN LAKES (XMIT) AZ	-	296C2 107.1	0.000 0.0	33-19-58 112-03-53	121.1	129.94 -0.06	130 SHORT

===== END OF FM SPACING STUDY FOR CHANNEL 297 =====