



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

K29KP-D

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
./data_files/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-08-2014 Time: 15:00:39

Record Selected for Analysis

K29KP-D. USERRECORD-01 GILA RIVER INDIAN CO AZ US
Channel 29 ERP 15. kw HAAT 34. m RCAMSL 00409 m STRINGENT MASK
Latitude 033-09-39 Longitude 0111-48-04
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Service Class = LD

Maximum height/power limits not checked

Site number 1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kw)	(m)	(km)
0.0	12.334	33.0	29.2
45.0	12.334	33.0	29.2
90.0	12.334	33.0	29.2
135.0	12.334	33.0	29.2
180.0	12.334	33.0	29.2
225.0	12.334	33.0	29.2
270.0	12.401	44.0	32.4
315.0	12.399	43.6	32.3

Database HAAT does not agree with computed HAAT
Database HAAT: 34 Computed HAAT: 36

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND
Page 1

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance

Distance to border = 164.8km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	City/State	ARN
29	K29KP-D.	GILA RIVER INDIAN CO AZ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	K22JD	MADERA PEAK AZ	88.8	LIC	BLTT	-20091029ABD
25	K25DM	PHOENIX AZ	54.9	LIC	BLTTL	-19941028IQ
28	KCAB-LP	CASA GRANDE AZ	32.5	LIC	BLTTL	-20051007ABP
28	K28MO-D	GILA RIVER INDIAN CO AZ	46.2	CP	BNPDTL	-20100713APJ
28	KCOS-LP	PHOENIX AZ	39.9	LIC	BLTTL	-19990325JD
28	KCOS-LP	PHOENIX AZ	39.9	APP	BDFCDTL	-20111107AFN
28	NEW	SALOME AZ	162.2	APP	BNPDTL	-20100514AEQ
28	NEW	SENTINEL AZ	135.3	APP	BNPDTL	-20100510AAS
28	KUAS-TV	TUCSON AZ	128.8	LIC	BLEDT	-20030115ABS
29	KDOS-LD	GLOBE AZ	91.5	LIC	BLDTL	-20120306ABF
29	K29FD-D	LAKE HAVASU CITY AZ	286.2	LIC	BLDTT	-20130308ABP
29	KPCE-LP	TUCSON AZ	119.9	LIC	BLTTL	-20080605AAT
29	K29DK	WILLIAMS AZ	229.7	LIC	BLTT	-20060111ACD
29	K29EC	BLYTHE CA	240.8	LIC	BLTT	-20020311ABI
29	K29GK	TWENTYNINE PALMS,ETC CA	397.7	APP	BDFCDTT	-20120113AEJ
29	K29GK	TWENTYNINE PALMS,ETC CA	397.7	LIC	BLTT	-20060119ADC
29	NEW	WINTERHAVEN CA	286.6	APP	BNPDTL	-20100510AAX
29	K29DP	LORDSBURG NM	302.0	LIC	BLTT	-20120515AFQ
29	K29DP	LORDSBURG NM	302.0	APP	BDFCDTT	-20060331ABI
30	K30MM-D	GILA RIVER INDIAN CO AZ	20.5	CP	BNPDTL	-20100707EBQ
30	K30JD-D	PRESCOTT AZ	162.5	LIC	BLDTT	-20130130AIN
30	K30NQ-D	SENTINEL AZ	135.3	CP	BNPDTL	-20100510AAT
30	KUAT-TV	TUCSON AZ	131.1	LIC	BLEDT	-20040727ABR

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	K22JD	MADERA PEAK AZ	BLTT	-20091029ABD

Stations Potentially Affecting This Station

K29KP_D_WTG-1.txt

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KNXV-TV	PHOENIX AZ	110.8	LIC	BLCDDT	-20090619ABX
19	KTTU	TUCSON AZ	103.8	LIC	BLCDDT	-20030926ANZ
20	KPAZ-TV	PHOENIX AZ	110.7	LIC	BLCDDT	-20131121AHS
22	KNAZ-TV	FLAGSTAFF AZ	190.3	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	190.3	APP	BPRM	-20080620AOL
22	KTVP-LD	PHOENIX AZ	111.1	CP	BPDTL	-20111209ESF
22	KVYE	EL CENTRO CA	369.4	LIC	BLCDDT	-20070604ABN
23	KVOA	TUCSON AZ	103.8	LIC	BLCDDT	-20071113AJK
24	KTVK	PHOENIX AZ	110.7	LIC	BLCDDT	-20060630ABT
25	KMSB	TUCSON AZ	103.8	LIC	BLCDDT	-20050623ABE
26	KUTP	PHOENIX AZ	110.6	LIC	BLCDDT	-20130625AAK
30	KUAT-TV	TUCSON AZ	103.8	LIC	BLEDT	-20040727ABR
29	K29KP-D.	GILA RIVER INDIAN CO AZ	88.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K25DM	PHOENIX AZ	BLTTL	-19941028IQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KPHO-TV	PHOENIX AZ	29.0	APP	BPCDDT	-20120509AEA
17	KPHO-TV	PHOENIX AZ	29.0	LIC	BLCDDT	-20051205ADF
24	KTVK	PHOENIX AZ	29.0	LIC	BLCDDT	-20060630ABT
25	K25MK-D	CAMP VERDE AZ	99.3	LIC	BLTT	-20120316AAL
25	KMSB	TUCSON AZ	183.1	LIC	BLCDDT	-20050623ABE
25	KTVP-LD	LAS VEGAS NV	29.1	APP	BDISDTL	-20140610ABD
26	KUTP	PHOENIX AZ	29.0	LIC	BLCDDT	-20130625AAK
33	KTVW-DT	PHOENIX AZ	29.0	LIC	BLCDDT	-20100818ABA
39	KTAZ	PHOENIX AZ	29.0	LIC	BLCDDT	-20090709ADG
29	K29KP-D.	GILA RIVER INDIAN CO AZ	54.9	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	KCAB-LP	CASA GRANDE AZ	BLTTL	-20051007ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KPAZ-TV	PHOENIX AZ	59.3	LIC	BLCDDT	-20131121AHS
24	KTVK	PHOENIX AZ	59.2	LIC	BLCDDT	-20060630ABT
25	KMSB	TUCSON AZ	109.0	LIC	BLCDDT	-20050623ABE
26	KUTP	PHOENIX AZ	59.2	LIC	BLCDDT	-20130625AAK
28	K28MO-D	GILA RIVER INDIAN CO AZ	71.8	CP	BNPDTL	-20100713APJ
28	KCOS-LP	PHOENIX AZ	69.8	LIC	BLTTL	-19990325JD

K29KP_D_WTG-1.txt

28	KCOS-LP	PHOENIX AZ	69.8	APP	BDFCDTL	-20111107AFN
28	KUAS-TV	TUCSON AZ	100.6	LIC	BLEDT	-20030115ABS
30	KUAT-TV	TUCSON AZ	109.0	LIC	BLEDT	-20040727ABR
32	KOLD-TV	TUCSON AZ	109.0	LIC	BLCDT	-20030911AAI
29	K29KP-D.	GILA RIVER INDIAN CO AZ	32.5	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K28MO-D	GILA RIVER INDIAN CO AZ	BNPDTL -20100713APJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KCAB-LP	CASA GRANDE AZ	71.8	LIC	BLTTL -20051007ABP
28	KCOS-LP	PHOENIX AZ	55.7	LIC	BLTTL -19990325JD
28	KCOS-LP	PHOENIX AZ	55.7	APP	BDFCDTL -20111107AFN
28	NEW	SALOME AZ	117.9	APP	BNPDTL -20100514AEQ
28	NEW	SENTINEL AZ	108.0	APP	BNPDTL -20100510AAS
28	KUAS-TV	TUCSON AZ	172.2	LIC	BLEDT -20030115ABS
29	K29KP-D.	GILA RIVER INDIAN CO AZ	46.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KCOS-LP	PHOENIX AZ	BLTTL -19990325JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KPAZ-TV	PHOENIX AZ	42.9	LIC	BLCDT -20131121AHS
24	KTVK	PHOENIX AZ	43.0	LIC	BLCDT -20060630ABT
26	KUTP	PHOENIX AZ	42.9	LIC	BLCDT -20130625AAK
28	KCAB-LP	CASA GRANDE AZ	69.8	LIC	BLTTL -20051007ABP
28	K28MO-D	GILA RIVER INDIAN CO AZ	55.7	CP	BNPDTL -20100713APJ
28	KUAS-TV	TUCSON AZ	154.1	LIC	BLEDT -20030115ABS
29	K29KP-D.	GILA RIVER INDIAN CO AZ	39.9	APP	USERRECORD-01

Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 5
 Before Analysis

Results for: 28N AZ PHOENIX	BLTTL	19990325JD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1222802	1397.6	
not affected by terrain losses	1172347	1374.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	23989	29.8	

lost to all IX K29KP_D_WTG-1.txt 29.8
23989

Potential Interfering Stations Included in above Scenario 1

20A AZ PHOENIX	BLC DT	20131121AHS	LIC
26A AZ PHOENIX	BLC DT	20130625AAK	LIC
28A AZ GILA RIVER INDIAN CO	BNPDTL	20100713APJ	CP

After Analysis

Results for: 28N AZ PHOENIX	BLTTL	19990325JD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1222802	1397.6	
not affected by terrain losses	1172347	1374.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	32820	65.6	
lost to all IX	32820	65.6	

Potential Interfering Stations Included in above Scenario 1

20A AZ PHOENIX	BLC DT	20131121AHS	LIC
26A AZ PHOENIX	BLC DT	20130625AAK	LIC
28A AZ GILA RIVER INDIAN CO	BNPDTL	20100713APJ	CP
29A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.7222%

Worst case new IX 0.7222% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KCOS-LP	PHOENIX AZ	BDFCDTL -2011107AFN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KCAB-LP	CASA GRANDE AZ	69.8	LIC	BLTTL -20051007ABP
28	K28MO-D	GILA RIVER INDIAN CO AZ	55.7	CP	BNPDTL -20100713APJ
28	KUAS-TV	TUCSON AZ	154.1	LIC	BLEDT -20030115ABS
29	K29KP-D.	GILA RIVER INDIAN CO AZ	39.9	APP	USERRECORD-01

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 6
Before Analysis

Results for: 28A AZ PHOENIX	BDFCDTL	2011107AFN	APP
HAAT 31.0 m, ATV ERP 15.0 kw			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2811937	3918.5	
not affected by terrain losses	2776879	3696.4	
lost to NTSC IX	25528	66.4	
lost to additional IX by ATV	424491	398.7	
lost to ATV IX only	448517	462.2	
lost to all IX	450019	465.1	

K29KP_D_WTG-1.txt

Potential Interfering Stations Included in above Scenario 1

28N AZ CASA GRANDE	BLTTL	20051007ABP	LIC
28A AZ GILA RIVER INDIAN CO	BNPDTL	20100713APJ	CP
28A AZ TUCSON	BLEDT	20030115ABS	LIC

After Analysis

Results for: 28A AZ PHOENIX BDFCDTL 20111107AFN APP
HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	2811937	3918.5
not affected by terrain losses	2776879	3696.4
lost to NTSC IX	25528	66.4
lost to additional IX by ATV	427839	409.6
lost to ATV IX only	453057	475.1
lost to all IX	453367	476.1

Potential Interfering Stations Included in above Scenario 1

28N AZ CASA GRANDE	BLTTL	20051007ABP	LIC
28A AZ GILA RIVER INDIAN CO	BNPDTL	20100713APJ	CP
28A AZ TUCSON	BLEDT	20030115ABS	LIC
29A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.1439%

Worst case new IX 0.1439% Scenario 1

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	NEW	SALOME AZ	BNPDTL	-20100514AEQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KYPO-LP	TACNA AZ	26.0	LIC	BLTTL	-20080818AAL
28	KCAB-LP	CASA GRANDE AZ	179.3	LIC	BLTTL	-20051007ABP
28	K28MO-D	GILA RIVER INDIAN CO AZ	117.9	CP	BNPDTL	-20100713APJ
28	KCOS-LP	PHOENIX AZ	169.8	LIC	BLTTL	-19990325JD
28	KCOS-LP	PHOENIX AZ	169.8	APP	BDFCDTL	-20111107AFN
28	NEW	SENTINEL AZ	84.7	APP	BNPDTL	-20100510AAS
28	KUAS-TV	TUCSON AZ	276.2	LIC	BLEDT	-20030115ABS
28	K28FM	YUMA AZ	129.9	LIC	BLTTL	-20001006AAL
28	NEW	BLYTHE CA	120.5	APP	BNPDTL	-20100514ACX
29	K29KP-D.	GILA RIVER INDIAN CO AZ	162.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 8

K29KP_D_WTG-1.txt

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	NEW	SENTINEL AZ	BNPDTL	-20100510AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KCAB-LP	CASA GRANDE AZ	136.7	LIC	BLTTL	-20051007ABP
28	K28MO-D	GILA RIVER INDIAN CO AZ	108.0	CP	BNPDTL	-20100713APJ
28	KCOS-LP	PHOENIX AZ	161.9	LIC	BLTTL	-19990325JD
28	KCOS-LP	PHOENIX AZ	161.9	APP	BDFCDTL	-20111107AFN
28	NEW	SALOME AZ	84.7	APP	BNPDTL	-20100514AEQ
28	KUAS-TV	TUCSON AZ	218.5	LIC	BLEDT	-20030115ABS
28	K28FM	YUMA AZ	107.5	LIC	BLTTL	-20001006AAL
29	K29KP-D.	GILA RIVER INDIAN CO AZ	135.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	KUAS-TV	TUCSON AZ	BLEDT	-20030115ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29KP-D.	GILA RIVER INDIAN CO AZ	128.8	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KDOS-LD	GLOBE AZ	BLDTL	-20120306ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KUAS-TV	TUCSON AZ	120.6	LIC	BLEDT	-20030115ABS
29	KPCE-LP	TUCSON AZ	118.7	LIC	BLTTL	-20080605AAT
30	KUAT-TV	TUCSON AZ	97.7	LIC	BLEDT	-20040727ABR
29	K29KP-D.	GILA RIVER INDIAN CO AZ	91.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 10
Before Analysis

Results for: 29A AZ GLOBE
HAAT 31.0 m, ATV ERP 10.0 kw
BLDTL 20120306ABF LIC
POPULATION AREA (sq km)

K29KP_D_WTG-1.txt

within Noise Limited Contour	37956	12289.8
not affected by terrain losses	32418	10210.0
lost to NTSC IX	228	216.6
lost to additional IX by ATV	45	26.8
lost to ATV IX only	45	67.6
lost to all IX	273	243.5

Potential Interfering Stations Included in above Scenario 1

29N AZ TUCSON	BLTTL	20080605AAT	LIC
30A AZ TUCSON	BLEDT	20040727ABR	LIC

After Analysis

Results for: 29A AZ GLOBE
HAAT 31.0 m, ATV ERP 10.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	37956	12289.8
not affected by terrain losses	32418	10210.0
lost to NTSC IX	228	216.6
lost to additional IX by ATV	45	91.4
lost to ATV IX only	58	172.9
lost to all IX	273	308.0

Potential Interfering Stations Included in above Scenario 1

29N AZ TUCSON	BLTTL	20080605AAT	LIC
30A AZ TUCSON	BLEDT	20040727ABR	LIC
29A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29FD-D	LAKE HAVASU CITY AZ	BLDTT	-20130308ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29EC	BLYTHE CA	114.8	LIC	BLTT	-20020311ABI
29	DKNLZ-LP	FOREST FALLS CA	232.8	CP MOD	BMPTTL	-20060720ABQ
29	KFTR-DT	ONTARIO CA	341.4	APP	BPCDT	-20100426ACW
29	KFTR-DT	ONTARIO CA	341.4	LIC	BLCDT	-20100401AFY
29	K29GK	TWENTYNINE PALMS,ETC CA	156.7	LIC	BLTT	-20060119ADC
29	KVCW	LAS VEGAS NV	166.5	LIC	BLCDT	-20070109AAW
29	K29KP-D.	GILA RIVER INDIAN CO AZ	286.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KPCE-LP	TUCSON AZ	BLTTL	-20080605AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KMSB	TUCSON AZ	42.1	LIC	BLCDDT	-20050623ABE
28	KUAS-TV	TUCSON AZ	11.0	LIC	BLEDT	-20030115ABS
29	KDOS-LD	GLOBE AZ	118.7	LIC	BLDTL	-20120306ABF
30	KUAT-TV	TUCSON AZ	42.0	LIC	BLEDT	-20040727ABR
32	KOLD-TV	TUCSON AZ	42.1	LIC	BLCDDT	-20030911AAI
36	KFTU-DT	DOUGLAS AZ	138.6	LIC	BLCDDT	-20090616ABO
44	KWBA-TV	SIERRA VISTA AZ	62.0	LIC	BLCDDT	-20050614ACW
29	K29KP-D.	GILA RIVER INDIAN CO AZ	119.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 4
 Scenario 1 Affected station 12
 Before Analysis

Results for: 29N AZ TUCSON	BLTTL	20080605AAT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	821874	5286.6	
not affected by terrain losses	817982	4918.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	10208	831.3	
lost to all IX	10208	831.3	

Potential Interfering Stations Included in above Scenario 1

28A AZ TUCSON	BLEDT	20030115ABS	LIC
29A AZ GLOBE	BLDTL	20120306ABF	LIC
30A AZ TUCSON	BLEDT	20040727ABR	LIC

After Analysis

Results for: 29N AZ TUCSON	BLTTL	20080605AAT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	821874	5286.6	
not affected by terrain losses	817982	4918.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	10208	867.5	
lost to all IX	10208	867.5	

Potential Interfering Stations Included in above Scenario 1

28A AZ TUCSON	BLEDT	20030115ABS	LIC
29A AZ GLOBE	BLDTL	20120306ABF	LIC
30A AZ TUCSON	BLEDT	20040727ABR	LIC
29A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 13

K29KP_D_WTG-1.txt

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29DK	WILLIAMS AZ	BLTT	-20060111ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KNAZ-TV	FLAGSTAFF AZ	68.4	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	68.4	APP	BPRM	-20080620AOL
29	KVCW	LAS VEGAS NV	268.7	LIC	BLCDDT	-20070109AAW
29	K29KP-D.	GILA RIVER INDIAN CO AZ	229.7	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29EC	BLYTHE CA	BLTT	-20020311ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KVYE	EL CENTRO CA	72.9	LIC	BLCDDT	-20070604ABN
29	KFTR-DT	ONTARIO CA	350.6	APP	BPCDDT	-20100426ACW
29	KFTR-DT	ONTARIO CA	350.6	LIC	BLCDDT	-20100401AFY
29	KSDX-LP	SAN DIEGO CA	259.4	LIC	BLTTTL	-20030404AAF
29	KVCW	LAS VEGAS NV	277.5	LIC	BLCDDT	-20070109AAW
30	NEW	PARKER AZ	29.0	APP	BNPDTL	-20100514AEG
36	KAJB	CALIPATRIA CA	72.9	LIC	BLCDDT	-20090320AAI
29	K29KP-D.	GILA RIVER INDIAN CO AZ	240.8	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29GK	TWENTYNINE PALMS,ETC CA	BDFCDTT	-20120113AEJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29EC	BLYTHE CA	158.6	LIC	BLTT	-20020311ABI
29	DKNLZ-LP	FOREST FALLS CA	79.1	CP MOD	BMPTTL	-20060720ABQ
29	KFTR-DT	ONTARIO CA	194.9	APP	BPCDDT	-20100426ACW
29	KFTR-DT	ONTARIO CA	194.9	LIC	BLCDDT	-20100401AFY
29	K29KF-D	PALM SPRINGS CA	49.8	CP MOD	BMPDTL	-20120103ACM
29	KSDX-LP	SAN DIEGO CA	178.0	LIC	BLTTTL	-20030404AAF
29	KVKV-LP	VICTORVILLE CA	136.4	LIC	BLTTTL	-20080725ACX
29	KVCW	LAS VEGAS NV	231.5	LIC	BLCDDT	-20070109AAW
30	K21DO	PALM SPRINGS CA	49.8	APP	BDISDTA	-20110830ABI
29	K29KP-D.	GILA RIVER INDIAN CO AZ	397.7	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

K29KP_D_WTG-1.txt

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29GK	TWENTYNINE PALMS,ETC CA	BLTT	-20060119ADC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KVCR-DT	SAN BERNARDINO CA	123.1	LIC	BLEDT	-20070904AIC
29	DKNLZ-LP	FOREST FALLS CA	79.1	CP MOD	BMPTTL	-20060720ABQ
29	KFTR-DT	ONTARIO CA	194.9	APP	BPCDT	-20100426ACW
29	KFTR-DT	ONTARIO CA	194.9	LIC	BLCDT	-20100401AFY
29	K29KF-D	PALM SPRINGS CA	49.8	CP MOD	BMPDTL	-20120103ACM
29	KSDX-LP	SAN DIEGO CA	178.0	LIC	BLTTL	-20030404AAF
29	KVCW	LAS VEGAS NV	231.5	LIC	BLCDT	-20070109AAW
44	KILM	BARSTOW CA	135.8	CP MOD	BMPCDT	-20090601AAG
44	KILM	BARSTOW CA	135.8	LIC	BLCDT	-20090126ADZ
44	KILM	BARSTOW CA	79.1	CP MOD	BMPCDT	-20090601AAG
29	K29KP-D.	GILA RIVER INDIAN CO AZ	397.7	APP	USERRECORD-01	
44	KILM	BARSTOW CA		CP MOD	BMPCDT	-20090601AAG

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	NEW	WINTERHAVEN CA	BNPDTL	-20100510AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29EC	BLYTHE CA	100.5	LIC	BLTT	-20020311ABI
29	DKNLZ-LP	FOREST FALLS CA	231.7	CP MOD	BMPTTL	-20060720ABQ
29	KFTR-DT	ONTARIO CA	340.6	APP	BPCDT	-20100426ACW
29	KFTR-DT	ONTARIO CA	340.6	LIC	BLCDT	-20100401AFY
29	KSDX-LP	SAN DIEGO CA	196.2	LIC	BLTTL	-20030404AAF
29	K29GK	TWENTYNINE PALMS,ETC CA	178.9	LIC	BLTT	-20060119ADC
29	KVCW	LAS VEGAS NV	361.0	LIC	BLCDT	-20070109AAW
29	K29KP-D.	GILA RIVER INDIAN CO AZ	286.6	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29DP	LORDSBURG NM	BLTT	-20120515AFQ

Stations Potentially Affecting This Station

K29KP_D_WTG-1.txt

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KWBQ	SANTA FE NM	383.5	LIC	BLCDDT -20030429ABG
29	K29KP-D.	GILA RIVER INDIAN CO AZ	302.0	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29DP	LORDSBURG NM	BDFCDT -20060331ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KPCE-LP	TUCSON AZ	224.7	LIC	BLTTL -20080605AAT
29	KWBQ	SANTA FE NM	383.5	LIC	BLCDDT -20030429ABG
29	K29KP-D.	GILA RIVER INDIAN CO AZ	302.0	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30MM-D	GILA RIVER INDIAN CO AZ	BNPDTL -20100707EBQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30JD-D	PRESCOTT AZ	143.8	LIC	BLDTT -20130130AIN
30	K30NQ-D	SENTINEL AZ	125.4	CP	BNPDTL -20100510AAT
30	KUAT-TV	TUCSON AZ	151.5	LIC	BLEDT -20040727ABR
31	KPHE-LD	PHOENIX AZ	10.7	CP	BDISDTL -20100507AAE
29	K29KP-D.	GILA RIVER INDIAN CO AZ	20.5	APP	USERRECORD-01

Total scenarios = 1

Result key: 5
 Scenario 1 Affected station 20
 Before Analysis

Results for: 30A AZ GILA RIVER INDIAN CO BNPDTL 20100707EBQ CP
 HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	1483510	2005.1
not affected by terrain losses	1278503	1662.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	942229	1024.9
lost to ATV IX only	942229	1024.9
lost to all IX	942229	1024.9

Potential Interfering Stations Included in above Scenario 1

30A AZ TUCSON	BLEDT	20040727ABR	LIC
---------------	-------	-------------	-----

31A AZ PHOENIX

K29KP_D_WTG-1.txt
BDISDTL 20100507AAE CP

After Analysis

Results for: 30A AZ GILA RIVER INDIAN CO BNPDTL 20100707EBQ CP
HAAT 31.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1483510	2005.1
not affected by terrain losses	1278503	1662.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	942229	1024.9
lost to ATV IX only	942229	1024.9
lost to all IX	942229	1024.9

Potential Interfering Stations Included in above Scenario 1

30A AZ TUCSON	BLEDT	20040727ABR	LIC
31A AZ PHOENIX	BDISDTL	20100507AAE	CP
29A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30JD-D	PRESCOTT AZ	BLDTT	-20130130AIN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30DT	FLAGSTAFF AZ	119.4	LIC	BLTT	-19921023JD
30	K30DT	FLAGSTAFF AZ	119.4	CP	BDFCDTT	-20110422ABH
30	K30MM-D	GILA RIVER INDIAN CO AZ	143.8	CP	BNPDTL	-20100707EBQ
30	K30LL-D	KINGMAN AZ	141.3	LIC	BLDTT	-20111207AFE
30	KUAT-TV	TUCSON AZ	285.7	LIC	BLEDT	-20040727ABR
30	K30BQ	NEEDLES CA	178.4	LIC	BLTT	-19880722ID
30	KEGS-LP	LAS VEGAS NV	279.4	LIC	BLTTL	-20070529ADK
29	K29KP-D	GILA RIVER INDIAN CO AZ	162.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30NQ-D	SENTINEL AZ	BNPDTL	-20100510AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30MM-D	GILA RIVER INDIAN CO AZ	125.4	CP	BNPDTL	-20100707EBQ

K29KP_D_WTG-1.txt

30	NEW	PARKER AZ	119.5	APP	BNPDTL	-20100514AEG
30	KUAT-TV	TUCSON AZ	238.6	LIC	BLEDT	-20040727ABR
30	KPBS	SAN DIEGO CA	348.6	LIC	BLEDT	-20011203CEP
29	K29KP-D.	GILA RIVER INDIAN CO AZ	135.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KUAT-TV	TUCSON AZ	BLEDT	-20040727ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29KP-D.	GILA RIVER INDIAN CO AZ	131.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 6
Scenario 1 Affected station 23
Before Analysis

Results for: 30A AZ TUCSON	BLEDT	20040727ABR	LIC
HAAT 1092.0 m, ATV ERP 667.5 kw			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1160038	61112.8	
not affected by terrain losses	966622	45526.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 30A AZ TUCSON	BLEDT	20040727ABR	LIC
HAAT 1092.0 m, ATV ERP 667.5 kw			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1160038	61112.8	
not affected by terrain losses	966622	45526.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	742	83.2	
lost to ATV IX only	742	83.2	
lost to all IX	742	83.2	

Potential Interfering Stations Included in above Scenario 1

29A AZ GILA RIVER INDIAN CO USERRECORD01 APP

Percent new IX = 0.0768%

Worst case new IX 0.0768% Scenario 1

#####

Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29KP-D.	GILA RIVER INDIAN CO AZ	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KCAB-LP	CASA GRANDE AZ	32.5	LIC	BLTTL -20051007ABP
28	K28MO-D	GILA RIVER INDIAN CO AZ	46.2	CP	BNPDTL -20100713APJ
28	KCOS-LP	PHOENIX AZ	39.9	LIC	BLTTL -19990325JD
28	KCOS-LP	PHOENIX AZ	39.9	APP	BDFCDTL -20111107AFN
28	KUAS-TV	TUCSON AZ	128.8	LIC	BLEDT -20030115ABS
29	KDOS-LD	GLOBE AZ	91.5	LIC	BLDTL -20120306ABF
29	KPCE-LP	TUCSON AZ	119.9	LIC	BLTTL -20080605AAT
30	K30MM-D	GILA RIVER INDIAN CO AZ	20.5	CP	BNPDTL -20100707EBQ
30	KUAT-TV	TUCSON AZ	131.1	LIC	BLEDT -20040727ABR

Total scenarios = 3

Result key: 7
 Scenario 1 Affected station 24
 Before Analysis

Results for: 29A AZ GILA RIVER INDIAN CO USERRECORD01 APP

HAAT 34.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	851787	2962.9
not affected by terrain losses	847306	2783.6
lost to NTSC IX	14065	253.0
lost to additional IX by ATV	221137	839.6
lost to ATV IX only	234073	1050.7
lost to all IX	235202	1092.5

Potential Interfering Stations Included in above Scenario 1

29N AZ TUCSON	BLTTL	20080605AAT	LIC
29A AZ GLOBE	BLDTL	20120306ABF	LIC
30A AZ GILA RIVER INDIAN CO	BNPDTL	20100707EBQ	CP

Result key: 8
 Scenario 2 Affected station 24
 Before Analysis

Results for: 29A AZ GILA RIVER INDIAN CO USERRECORD01 APP

HAAT 34.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	851787	2962.9
not affected by terrain losses	847306	2783.6
lost to NTSC IX	14065	253.0
lost to additional IX by ATV	221137	839.6
lost to ATV IX only	234073	1050.7
lost to all IX	235202	1092.5

Potential Interfering Stations Included in above Scenario 2

29N AZ TUCSON	BLTTL	20080605AAT	LIC
---------------	-------	-------------	-----

K29KP_D_WTG-1.txt

28A AZ PHOENIX	BDFCDTL	20111107AFN	APP
29A AZ GLOBE	BLDTL	20120306ABF	LIC
30A AZ GILA RIVER INDIAN CO	BNPDTL	20100707EBQ	CP

Result key: 9
 Scenario 3 Affected station 24
 Before Analysis

Results for: 29A AZ GILA RIVER INDIAN CO USERRECORD01 APP
 HAAT 34.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	851787	2962.9
not affected by terrain losses	847306	2783.6
lost to NTSC IX	14065	253.0
lost to additional IX by ATV	221137	839.6
lost to ATV IX only	234073	1050.7
lost to all IX	235202	1092.5

Potential Interfering Stations Included in above Scenario 3

29N AZ TUCSON	BLTTL	20080605AAT	LIC
29A AZ GLOBE	BLDTL	20120306ABF	LIC
30A AZ GILA RIVER INDIAN CO	BNPDTL	20100707EBQ	CP

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED