



K21MD-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: 15:10:59

Record selected for Analysis

K21MD-D. USERRECORD-01 GILA RIVER INDIAN CO AZ US
Channel 21 ERP 7. kw HAAT 30. m RCAMSL 00454 m STRINGENT MASK
Latitude 033-01-49 Longitude 0111-34-29
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	5.749	33.0	25.6
45.0	5.749	33.0	25.6
90.0	5.749	33.0	25.6
135.0	5.749	33.0	25.6
180.0	5.749	33.0	25.6
225.0	5.749	33.0	25.6
270.0	5.749	33.0	25.6
315.0	5.749	33.0	25.6

Database HAAT does not agree with computed HAAT
Database HAAT: 30 Computed HAAT: 33

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

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 = 158.6km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	Proposed Station	City/State	ARN
21	K21MD-D.	GILA RIVER INDIAN	CO AZ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KPAZ-TV	PHOENIX AZ	56.5	LIC	BLCDT	-20131121AHS
20	K20IA	PRESCOTT AZ	206.7	LIC	BLTTL	-20110711AAR
21	K21GE	CAMP VERDE AZ	162.4	LIC	BLTT	-20040830AAI
21	K21GE	CAMP VERDE AZ	162.4	CP	BDFCDTL	-20120524AAC
21	K21EG-D	GOLDEN VALLEY AZ	344.5	LIC	BLDTT	-20130308ABB
21	K21EA-D	LAKE HAVASU CITY AZ	311.7	LIC	BLDTT	-20130308ABO
21	NEW	PARKER AZ	256.5	APP	BNPDTL	-20100514ADI
21	KRPO-LD	QUARTZSITE AZ	204.8	LIC	BLDTL	-20110926AEA
21	KRPO-LD	QUARTZSITE AZ	157.7	APP	BPDTL	-20120606AAC
21	K21GC	SAFFORD AZ	166.7	LIC	BLTT	-20060215AAV
21	K21FU-D	TOPOCK AZ	340.6	LIC	BLDTT	-20130308ACK
21	K21CX-D	TUCSON AZ	105.5	LIC	BLDTL	-20110727AGJ
21	NEW	CALEXICO CA	368.3	APP	BMJADTL	-20100517AAU
21	NEW	WINTERHAVEN CA	318.0	APP	BNPDTL	-20100510AAG
21	K21HJ	GALLUP & TOHATCHI NM	390.1	LIC	BLTT	-20050531BQJ
22	K22JD	MADERA PEAK AZ	74.0	APP	BDFCDTT	-20090804ACL
22	K22JD	MADERA PEAK AZ	74.0	LIC	BLTT	-20091029ABD
22	KPSN-LD	PAYSON AZ	144.4	LIC	BLDTL	-20120430AAZ
22	KTVP-LD	PHOENIX AZ	56.8	LIC	BLDTL	-20110519ABR
22	KTVP-LD	PHOENIX AZ	56.8	CP	BPDTL	-20111209ESF
25	K25DM	PHOENIX AZ	78.6	LIC	BLTTL	-19941028IQ
28	KCAB-LP	CASA GRANDE AZ	23.7	LIC	BLTTL	-20051007ABP
28	KCOS-LP	PHOENIX AZ	51.9	LIC	BLTTL	-19990325JD
29	KPCE-LP	TUCSON AZ	96.9	LIC	BLTTL	-20080605AAT

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
20	KPAZ-TV	PHOENIX AZ	BLCDT	-20131121AHS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTTU	TUCSON AZ	162.0	LIC	BLCDT	-20030926ANZ
21	K21MD-D.	GILA RIVER INDIAN CO AZ	56.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 1
 Before Analysis

Results for: 20A AZ PHOENIX BLCDT 20131121AHS LIC
 HAAT 489.0 m, ATV ERP 1000.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3251118	42788.6
not affected by terrain losses	3237692	34615.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46	47.7
lost to ATV IX only	46	47.7
lost to all IX	46	47.7

Potential Interfering Stations Included in above Scenario 1

19A AZ TUCSON	BLCDT	20030926ANZ	LIC
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After Analysis

Results for: 20A AZ PHOENIX BLCDT 20131121AHS LIC
 HAAT 489.0 m, ATV ERP 1000.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3251118	42788.6
not affected by terrain losses	3237692	34615.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3748	422.4
lost to ATV IX only	3748	422.4
lost to all IX	3748	422.4

Potential Interfering Stations Included in above Scenario 1

19A AZ TUCSON	BLCDT	20030926ANZ	LIC
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.1143%

Worst case new IX 0.1143% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	K20IA	PRESCOTT AZ	BLTTL	-20110711AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KPAZ-TV	PHOENIX AZ	159.3	LIC	BLCDT	-20131121AHS
22	KNAZ-TV	FLAGSTAFF AZ	97.1	LIC	BLCDT	-20091210AAC

K21MD_D_WTG-1.txt

22	KNAZ-DR	FLAGSTAFF AZ	97.1	APP	BPRM	-20080620AOL
21	K21MD-D.	GILA RIVER INDIAN CO AZ	206.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21GE	CAMP VERDE AZ	BLTT	-20040830AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KPHO-TV	PHOENIX AZ	127.5	APP	BPCDT	-20120509AEA
17	KPHO-TV	PHOENIX AZ	127.5	LIC	BLCDDT	-20051205ADF
20	KPAZ-TV	PHOENIX AZ	127.5	LIC	BLCDDT	-20131121AHS
22	KNAZ-TV	FLAGSTAFF AZ	64.6	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	64.6	APP	BPRM	-20080620AOL
24	KTVK	PHOENIX AZ	127.6	LIC	BLCDDT	-20060630ABT
21	K21MD-D.	GILA RIVER INDIAN CO AZ	162.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21GE	CAMP VERDE AZ	BDFCDTL	-20120524AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KPAZ-TV	PHOENIX AZ	127.5	LIC	BLCDDT	-20131121AHS
21	KRPO-LD	QUARTZSITE AZ	180.6	LIC	BLDTL	-20110926AEA
22	KNAZ-TV	FLAGSTAFF AZ	64.6	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	64.6	APP	BPRM	-20080620AOL
21	K21MD-D.	GILA RIVER INDIAN CO AZ	162.4	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 4
Before Analysis

Results for: 21A AZ CAMP VERDE BDFCDTL 20120524AAC CP
HAAT 31.0 m, ATV ERP 0.5 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	58184	2681.3
not affected by terrain losses	56431	2556.0
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: 21A AZ CAMP VERDE BDFCDTL 20120524AAC CP
 HAAT 31.0 m, ATV ERP 0.5 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	58184	2681.3
not affected by terrain losses	56431	2556.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	150	2.9
lost to ATV IX only	150	2.9
lost to all IX	150	2.9

Potential Interfering Stations Included in above Scenario 1

21A AZ GILA RIVER INDIAN CO USERRECORD01 APP

Percent new IX = 0.2658%

Worst case new IX 0.2658% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21EG-D	GOLDEN VALLEY AZ	BLDTT	-20130308ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	K20ID-D	KINGMAN AZ	32.7	LIC	BLDTT	-20110328ABI
21	K21EA-D	LAKE HAVASU CITY AZ	70.9	LIC	BLDTT	-20130308ABO
21	KRPO-LD	QUARTZSITE AZ	175.6	LIC	BLDTL	-20110926AEA
21	K21FU-D	TOPOCK AZ	25.6	LIC	BLDTT	-20130308ACK
21	KVPX-LD	LAS VEGAS NV	109.4	APP	BDISDTL	-20120201AJH
22	K22LA-D	GOLDEN VALLEY AZ	13.8	CP	BNPDTL	-20100510ADZ
22	KVMY	LAS VEGAS NV	112.4	LIC	BLCDT	-20090220ABX
21	K21MD-D	GILA RIVER INDIAN CO AZ	344.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21EA-D	LAKE HAVASU CITY AZ	BLDTT	-20130308ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	K21EG-D	GOLDEN VALLEY AZ	70.9	LIC	BLDTT	-20130308ABB
21	NEW	PARKER AZ	100.9	APP	BNPDTL	-20100514ADI
21	KRPO-LD	QUARTZSITE AZ	119.5	LIC	BLDTL	-20110926AEA

K21MD_D_WTG-1.txt

21	K21FU-D	TOPOCK AZ	48.2	LIC	BLDTT	-20130308ACK
21	K21DO	PALM SPRINGS/INDIO CA	205.9	LIC	BLTTL	-19941013JF
21	KVPX-LD	LAS VEGAS NV	161.3	APP	BDISDTL	-20120201AJH
21	K21MD-D.	GILA RIVER INDIAN CO AZ	311.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	NEW	PARKER AZ	BNPDTL	-20100514ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	K21EA-D	LAKE HAVASU CITY AZ	100.9	LIC	BLDTT	-20130308ABO
21	KRPO-LD	QUARTZSITE AZ	55.6	LIC	BLDTL	-20110926AEA
21	KRPO-LD	QUARTZSITE AZ	99.7	APP	BPDTL	-20120606AAC
21	NEW	CALEXICO CA	163.3	APP	BMJADTL	-20100517AAU
21	NEW	WINTERHAVEN CA	130.1	APP	BNPDTL	-20100510AAG
22	KVYE	EL CENTRO CA	92.0	LIC	BLCDT	-20070604ABN
21	K21MD-D.	GILA RIVER INDIAN CO AZ	256.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KRPO-LD	QUARTZSITE AZ	BLDTL	-20110926AEA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	K21GE	CAMP VERDE AZ	180.6	LIC	BLTT	-20040830AAI
21	K21EA-D	LAKE HAVASU CITY AZ	119.5	LIC	BLDTT	-20130308ABO
21	NEW	PARKER AZ	55.6	APP	BNPDTL	-20100514ADI
21	K21MD-D.	GILA RIVER INDIAN CO AZ	204.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KRPO-LD	QUARTZSITE AZ	BPDTL	-20120606AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KPAZ-TV	PHOENIX AZ	104.3	LIC	BLCDT	-20131121AHS
21	K21GE	CAMP VERDE AZ	157.1	LIC	BLTT	-20040830AAI
21	NEW	PARKER AZ	99.7	APP	BNPDTL	-20100514ADI

21 K21MD-D. GILA RIVER INDIAN CO AZ 157.7 APP USERRECORD-01
 Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21GC	SAFFORD AZ	BLTT	-20060215AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTTU	TUCSON AZ	85.2	LIC	BLCDT	-20030926ANZ
20	K20GG-D	DUNCAN AZ	56.5	LIC	BLDTT	-20090715AIQ
21	K21CX-D	TUCSON AZ	85.4	LIC	BLDTL	-20110727AGJ
23	KVOA	TUCSON AZ	85.2	LIC	BLCDT	-20071113AJK
25	KMSB	TUCSON AZ	85.2	LIC	BLCDT	-20050623ABE
28	KUAS-TV	TUCSON AZ	118.9	LIC	BLEDT	-20030115ABS
36	KFTU-DT	DOUGLAS AZ	130.3	LIC	BLCDT	-20090616ABO
21	K21MD-D. GILA RIVER INDIAN CO AZ		166.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21FU-D	TOPOCK AZ	BLDTT	-20130308ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	K21EG-D	GOLDEN VALLEY AZ	25.6	LIC	BLDTT	-20130308ABB
21	K21EA-D	LAKE HAVASU CITY AZ	48.2	LIC	BLDTT	-20130308ABO
21	KRPO-LD	QUARTZSITE AZ	161.1	LIC	BLDTL	-20110926AEA
21	KVPX-LD	LAS VEGAS NV	118.1	APP	BDISDTL	-20120201AJH
22	K22LA-D	GOLDEN VALLEY AZ	27.9	CP	BNPDTL	-20100510ADZ
22	KVMY	LAS VEGAS NV	122.4	LIC	BLCDT	-20090220ABX
21	K21MD-D. GILA RIVER INDIAN CO AZ		340.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21CX-D	TUCSON AZ	BLDTL	-20110727AGJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	K21GC	SAFFORD AZ	85.4	LIC	BLTT	-20060215AAV
21	K21MD-D. GILA RIVER INDIAN CO AZ		105.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 12
 Before Analysis

Results for: 21A AZ TUCSON BLDTL 20110727AGJ LIC
 HAAT 31.0 m, ATV ERP 6.2 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	834713	7868.9
not affected by terrain losses	709952	6538.8
lost to NTSC IX	375	59.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	375	59.8

Potential Interfering Stations Included in above Scenario 1

21N AZ SAFFORD BLTT 20060215AAV LIC

After Analysis

Results for: 21A AZ TUCSON BLDTL 20110727AGJ LIC
 HAAT 31.0 m, ATV ERP 6.2 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	834713	7868.9
not affected by terrain losses	709952	6538.8
lost to NTSC IX	375	59.8
lost to additional IX by ATV	5139	85.3
lost to ATV IX only	5401	98.0
lost to all IX	5514	145.1

Potential Interfering Stations Included in above Scenario 1

21N AZ SAFFORD BLTT 20060215AAV LIC
 21A AZ GILA RIVER INDIAN CO USERRECORD01 APP

Percent new IX = 0.7242%

Worst case new IX 0.7242% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	NEW	CALEXICO CA	BMJADTL	-20100517AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KDUG-LP	HEMET CA	186.8	LIC	BLTTL	-20080813ABI
21	K21DO	PALM SPRINGS CA	156.1	CP	BDFCDTA	-20130211ACW
21	K21DO	PALM SPRINGS/INDIO CA	156.1	LIC	BLTTL	-19941013JF
21	K21MO-D	RIVERSIDE CA	162.2	CP	BNPDTL	-20090825AAL
21	NEW	WINTERHAVEN CA	50.5	APP	BNPDTL	-20100510AAG
22	KVYE	EL CENTRO CA	73.9	LIC	BLCDT	-20070604ABN
21	K21MD-D.	GILA RIVER INDIAN CO AZ	368.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	NEW	WINTERHAVEN CA	BNPDTL	-20100510AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KRPO-LD	QUARTZSITE AZ	168.3	LIC	BLDTL	-20110926AEA
21	NEW	CALEXICO CA	50.5	APP	BMJADTL	-20100517AAU
21	K21DO	PALM SPRINGS/INDIO CA	187.7	LIC	BLTTL	-19941013JF
22	KVYE	EL CENTRO CA	39.7	LIC	BLCDT	-20070604ABN
21	K21MD-D.	GILA RIVER INDIAN CO AZ	318.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21HJ	GALLUP & TOHATCHI NM	BLTT	-20050531BQJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	K21AX	FARMINGTON NM	129.6	LIC	BLTT	-19910307JJ
21	K21MD-D.	GILA RIVER INDIAN CO AZ	390.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	K22JD	MADERA PEAK AZ	BDFCDT	-20090804ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KNAZ-TV	FLAGSTAFF AZ	190.3	LIC	BLCDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	190.3	APP	BPRM	-20080620AOL
22	KPSN-LD	PAYSON AZ	109.6	LIC	BLDTL	-20120430AAZ
22	KTVP-LD	PHOENIX AZ	111.1	LIC	BLDTL	-20110519ABR
22	KTVP-LD	PHOENIX AZ	111.1	CP	BPDTL	-20111209ESF
22	KVYE	EL CENTRO CA	369.4	LIC	BLCDT	-20070604ABN
23	KVOA	TUCSON AZ	103.8	LIC	BLCDT	-20071113AJK
21	K21MD-D.	GILA RIVER INDIAN CO AZ	74.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

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

Stations Potentially Affecting This Station

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	BPDDL	-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
21	K21MD-D.	GILA RIVER INDIAN CO AZ	74.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	KPSN-LD	PAYSON AZ	BLDDL	-20120430AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KNAZ-TV	FLAGSTAFF AZ	80.8	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	80.8	APP	BPRM	-20080620AOL
22	K22JD	MADERA PEAK AZ	109.6	APP	BDFCDTT	-20090804ACL
22	K22JD	MADERA PEAK AZ	109.6	LIC	BLTT	-20091029ABD
22	KTVP-LD	PHOENIX AZ	133.6	LIC	BLDDL	-20110519ABR
22	KTVP-LD	PHOENIX AZ	133.6	CP	BPDDL	-20111209ESF
22	KVYE	EL CENTRO CA	363.5	LIC	BLCDDT	-20070604ABN
21	K21MD-D.	GILA RIVER INDIAN CO AZ	144.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	KTVP-LD	PHOENIX AZ	BLDDL	-20110519ABR

Stations Potentially Affecting This Station

K21MD_D_WTG-1.txt

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KNAZ-TV	FLAGSTAFF AZ	188.9	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	188.9	APP	BPRM	-20080620AOL
22	K22JD	MADERA PEAK AZ	111.1	APP	BDFCDTT	-20090804ACL
22	K22JD	MADERA PEAK AZ	111.1	LIC	BLTT	-20091029ABD
22	KPSN-LD	PAYSON AZ	133.6	LIC	BLDTL	-20120430AAZ
22	KVYE	EL CENTRO CA	258.7	LIC	BLCDDT	-20070604ABN
23	DK23BY	SCOTTSDALE AZ	43.4	CP	BDFCDTT	-20090126ABD
21	K21MD-D.	GILA RIVER INDIAN CO AZ	56.8	APP	USERRECORD-01	

Total scenarios = 5

Result key: 4
 Scenario 1 Affected station 19
 Before Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw
 POPULATION AREA (sq km)
 within Noise Limited Contour 3068989 7255.0
 not affected by terrain losses 3061054 6448.5
 lost to NTSC IX 37 6.0
 lost to additional IX by ATV 94804 253.3
 lost to ATV IX only 94841 258.3
 lost to all IX 94841 259.2

Potential Interfering Stations Included in above Scenario 1

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw
 POPULATION AREA (sq km)
 within Noise Limited Contour 3068989 7255.0
 not affected by terrain losses 3061054 6448.5
 lost to NTSC IX 37 6.0
 lost to additional IX by ATV 94804 253.3
 lost to ATV IX only 94841 258.3
 lost to all IX 94841 259.2

Potential Interfering Stations Included in above Scenario 1

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 5
 Scenario 2 Affected station 19
 Before Analysis

K21MD_D_WTG-1.txt
 Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	254.3
lost to ATV IX only	94841	260.2
lost to all IX	94841	260.2

Potential Interfering Stations Included in above Scenario 2

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	254.3
lost to ATV IX only	94841	260.2
lost to all IX	94841	260.2

Potential Interfering Stations Included in above Scenario 2

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 6
 Scenario 3 Affected station 19
 Before Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	253.3
lost to ATV IX only	94841	258.3
lost to all IX	94841	259.2

Potential Interfering Stations Included in above Scenario 3

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC

K21MD_D_WTG-1.txt

22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC

HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	253.3
lost to ATV IX only	94841	258.3
lost to all IX	94841	259.2

Potential Interfering Stations Included in above Scenario 3

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7
 Scenario 4 Affected station 19
 Before Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC

HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	254.3
lost to ATV IX only	94841	260.2
lost to all IX	94841	260.2

Potential Interfering Stations Included in above Scenario 4

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC

HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	254.3
lost to ATV IX only	94841	260.2
lost to all IX	94841	260.2

Potential Interfering Stations Included in above Scenario 4

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
 Scenario 5 Affected station 19
 Before Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	253.3
lost to ATV IX only	94841	258.3
lost to all IX	94841	259.2

Potential Interfering Stations Included in above Scenario 5

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BLDTL 20110519ABR LIC
 HAAT 31.0 m, ATV ERP 5.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3068989	7255.0
not affected by terrain losses	3061054	6448.5
lost to NTSC IX	37	6.0
lost to additional IX by ATV	94804	253.3
lost to ATV IX only	94841	258.3
lost to all IX	94841	259.2

Potential Interfering Stations Included in above Scenario 5

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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K21MD_D_WTG-1.txt
Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	KTVP-LD	PHOENIX AZ	BPDTL	-20111209ESF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KNAZ-TV	FLAGSTAFF AZ	188.9	LIC	BLCDDT	-20091210AAC
22	KNAZ-DR	FLAGSTAFF AZ	188.9	APP	BPRM	-20080620AOL
22	K22JD	MADERA PEAK AZ	111.1	APP	BDFCDTT	-20090804ACL
22	K22JD	MADERA PEAK AZ	111.1	LIC	BLTT	-20091029ABD
22	KPSN-LD	PAYSON AZ	133.6	LIC	BLDTL	-20120430AAZ
22	KVYE	EL CENTRO CA	258.7	LIC	BLCDDT	-20070604ABN
23	DK23BY	SCOTTSDALE AZ	43.4	CP	BDFCDTT	-20090126ABD
21	K21MD-D.	GILA RIVER INDIAN CO AZ	56.8	APP	USERRECORD-01	

Total scenarios = 5

Result key: 9
Scenario 1 Affected station 20
Before Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63605	261.2
lost to ATV IX only	63655	280.1
lost to all IX	63655	280.1

Potential Interfering Stations Included in above Scenario 1

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63816	276.1
lost to ATV IX only	63866	295.0
lost to all IX	63866	295.0

Potential Interfering Stations Included in above Scenario 1

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

21A AZ GILA RIVER INDIAN CO USERRECORD01 APP

Percent new IX = 0.0070%

Result key: 10
 Scenario 2 Affected station 20
 Before Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
 HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63642	268.2
lost to ATV IX only	63692	287.1
lost to all IX	63692	287.1

Potential Interfering Stations Included in above Scenario 2

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
 HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63816	277.1
lost to ATV IX only	63866	296.0
lost to all IX	63866	296.0

Potential Interfering Stations Included in above Scenario 2

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0057%

Result key: 11
 Scenario 3 Affected station 20
 Before Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
 HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9

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lost to additional IX by ATV	63605	261.2
lost to ATV IX only	63655	280.1
lost to all IX	63655	280.1

Potential Interfering Stations Included in above Scenario 3

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63816	276.1
lost to ATV IX only	63866	295.0
lost to all IX	63866	295.0

Potential Interfering Stations Included in above Scenario 3

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ FLAGSTAFF	BPRM	20080620AOL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0070%

Result key: 12
Scenario 4 Affected station 20
Before Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63642	268.2
lost to ATV IX only	63692	287.1
lost to all IX	63692	287.1

Potential Interfering Stations Included in above Scenario 4

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDDT	20091210AAC	LIC
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP
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HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63816	277.1
lost to ATV IX only	63866	296.0
lost to all IX	63866	296.0

Potential Interfering Stations Included in above Scenario 4

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ MADERA PEAK	BDFCDTT	20090804ACL	APP
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0057%

Result key: 13
 Scenario 5 Affected station 20
 Before Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP

HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63605	261.2
lost to ATV IX only	63655	280.1
lost to all IX	63655	280.1

Potential Interfering Stations Included in above Scenario 5

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP

After Analysis

Results for: 22A AZ PHOENIX BPDTL 20111209ESF CP

HAAT 31.0 m, ATV ERP 15.0 kw

	POPULATION	AREA (sq km)
within Noise Limited Contour	3106178	9389.5
not affected by terrain losses	3098546	8145.0
lost to NTSC IX	50	18.9
lost to additional IX by ATV	63816	276.1
lost to ATV IX only	63866	295.0
lost to all IX	63866	295.0

Potential Interfering Stations Included in above Scenario 5

22N AZ MADERA PEAK	BLTT	20091029ABD	LIC
22A AZ FLAGSTAFF	BLCDT	20091210AAC	LIC
22A AZ PAYSON	BLDTL	20120430AAZ	LIC
22A CA EL CENTRO	BLCDT	20070604ABN	LIC
23A AZ SCOTTSDALE	BDFCDTT	20090126ABD	CP
21A AZ GILA RIVER INDIAN CO	USERRECORD01		APP

Percent new IX = 0.0070%

Worst case new IX 0.0070% Scenario 1

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Analysis of Interference to Affected Station 21

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	BPCDT	-20120509AEA
17	KPHO-TV	PHOENIX AZ	29.0	LIC	BLCDT	-20051205ADF
24	KTVK	PHOENIX AZ	29.0	LIC	BLCDT	-20060630ABT
25	K25MK-D	CAMP VERDE AZ	99.3	LIC	BLTT	-20120316AAL
25	KMSB	TUCSON AZ	183.1	LIC	BLCDT	-20050623ABE
25	KTVP-LD	LAS VEGAS NV	29.1	APP	BDISDTL	-20140610ABD
26	KUTP	PHOENIX AZ	29.0	LIC	BLCDT	-20130625AAK
33	KTVW-DT	PHOENIX AZ	29.0	LIC	BLCDT	-20100818ABA
39	KTAZ	PHOENIX AZ	29.0	LIC	BLCDT	-20090709ADG
21	K21MD-D.	GILA RIVER INDIAN CO AZ	78.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

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	BLCDT	-20131121AHS
24	KTVK	PHOENIX AZ	59.2	LIC	BLCDT	-20060630ABT
25	KMSB	TUCSON AZ	109.0	LIC	BLCDT	-20050623ABE
26	KUTP	PHOENIX AZ	59.2	LIC	BLCDT	-20130625AAK
28	K28MO-D	GILA RIVER INDIAN CO AZ	71.8	CP	BNPDTL	-20100713APJ
28	KCOS-LP	PHOENIX AZ	69.8	LIC	BLTTL	-19990325JD
28	KCOS-LP	PHOENIX AZ	69.8	APP	BDFCDTL	-20111107AFN
28	KUAS-TV	TUCSON AZ	100.6	LIC	BLEDT	-20030115ABS
29	K29KO-D	GILA RIVER INDIAN CO AZ	23.7	CP	BNPDTL	-20100713APR
29	K29KP-D	GILA RIVER INDIAN CO AZ	32.5	CP	BNPDTL	-20100713APN
30	KUAT-TV	TUCSON AZ	109.0	LIC	BLEDT	-20040727ABR
32	KOLD-TV	TUCSON AZ	109.0	LIC	BLCDT	-20030911AAI
21	K21MD-D.	GILA RIVER INDIAN CO AZ	23.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

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	BLCDDT -20131121AHS
24	KTVK	PHOENIX AZ	43.0	LIC	BLCDDT -20060630ABT
26	KUTP	PHOENIX AZ	42.9	LIC	BLCDDT -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	K29KO-D	GILA RIVER INDIAN CO AZ	51.9	CP	BNPDTL -20100713APR
29	K29KP-D	GILA RIVER INDIAN CO AZ	39.9	CP	BNPDTL -20100713APN
21	K21MD-D.	GILA RIVER INDIAN CO AZ	51.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 24

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	K29KO-D	GILA RIVER INDIAN CO AZ	96.9	CP	BNPDTL -20100713APR
29	K29KP-D	GILA RIVER INDIAN CO AZ	119.9	CP	BNPDTL -20100713APN
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
21	K21MD-D.	GILA RIVER INDIAN CO AZ	96.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	K21MD-D.	GILA RIVER INDIAN CO AZ	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KPAZ-TV	PHOENIX AZ	56.5	LIC	BLCDDT -20131121AHS
21	K21GE	CAMP VERDE AZ	162.4	LIC	BLTT -20040830AAI

			K21MD_D_WTG-1.txt			
21	K21GC	SAFFORD AZ	166.7	LIC	BLTT	-20060215AAV
21	K21CX-D	TUCSON AZ	105.5	LIC	BLDTL	-20110727AGJ
22	KTVP-LD	PHOENIX AZ	56.8	CP	BPDTL	-20111209ESF

Total scenarios = 1

Result key: 14
 Scenario 1 Affected station 25
 Before Analysis

Results for: 21A AZ GILA RIVER INDIAN CO USERRECORD01 APP
 HAAT 30.0 m, ATV ERP 7.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86392	2345.9
not affected by terrain losses	79836	2259.1
lost to NTSC IX	685	11.0
lost to additional IX by ATV	6857	313.2
lost to ATV IX only	7542	323.2
lost to all IX	7542	324.2

Potential Interfering Stations Included in above Scenario 1

21N AZ SAFFORD	BLTT	20060215AAV	LIC
20A AZ PHOENIX	BLCDT	20131121AHS	LIC
21A AZ TUCSON	BLDTL	20110727AGJ	LIC
22A AZ PHOENIX	BPDTL	20111209ESF	CP

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