Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained by KAZT, LLC, licensee of Class A TV Station KAZT-CA, N27, Phoenix, Arizona, to prepare the technical portion of an application for Special Temporary Authority (STA) to flash-cut from N27 to D27, with no change in location, antenna pattern or antenna height.

Reason for STA Request

KAZT-CA is receiving reports of interference from lower-adjacent channel full-service DTV Station KUTP-DT, D26, Phoenix, AZ. KUTP-DT had been operating at just 67 kW ERP pursuant to Special Temporary Authority (STA), FCC File No. BDSTA-20020619ABZ. However, KUTP-DT holds a construction permit (CP) for 1,000 kW ERP, FCC File No. BPCDT-19990809LC, and KUTP-DT is now operating at that 12 dB higher power, creating interference to KAZT-CA. Further, the KUTP-DT tentative channel designation (TCD) is also D26, at 1,000 kW ERP, so the adjacent-channel interference problem won't be going away at the end of the transition period.

As shown by the attached Exhibit 20A, the full-power KUTP-DT D26 facilities are predicted to cause interference to 76,697 persons (2000 Census), or 2.7% of the KAZT-CA N27 terrain-limited coverage.

To mitigate the adjacent-channel interference, KAZT-CA proposes to flash-cut from N27 to D27. As shown by the attached Exhibit 20B, the KAZT-CA as D27 effective radiated power (ERP) needed to keep the F(50,90) 51 dBu DTV Threshold contour entirely within the licensed F(50,50) 74 dBu protected contour is just 0.938 kW ERP in the main beam (at 2.2° below the horizontal), or 0.150 kW ERP at the radio horizon (at 0.61° below the horizontal; see the attached Exhibit 20C). However, a main-beam ERP of 0.938 kW would be 30.3 dB less power than the present KUTP-DT operation, and so even worse interference to KAZT-CA as D27 than KAZT-CA as N27 would result. Namely, interference to 97.2% of the terrain-limited service, as shown in the attached Exhibit 20D OET-69 coverage study. However, if KAZT-CA can instead operate at 15 kW ERP in the main beam (equivalent to 2.40 kW ERP at the radio horizon), the maximum allowable ERP for UHF Class A stations, the predicted interference from the full-power KUTP-DT operation drops to just 1.7% of the terrain-limited coverage that KAZT-DT as D27 would otherwise enjoy. Therefore, allowing KAZT-CA a DTV power that would extend its current protected contour is a justified exception to the August 3, 2004, "Freeze Order," and waiver of that order is hereby requested. The Freeze Order stated:

> As an exception to this freeze, on-air Class A stations demonstrating that they face imminent disruption of service may request Special Temporary Authority to continue operations.

Therefore, this STA application is being submitted.

Finally, and as shown by the attached Exhibit 20E, a tv_process interference study for KAZT-CA as D27 at 15.0 kW ERP in the main beam, shows only "*de minimis*" interference to any other station. The "stringent" mask is specified in order to protect Station KCOS-LP, N28, Phoenix, AZ. Therefore, processing on an OET-69 basis is requested.

Mexican Considerations

The KAZT-CA site is 176.0 km from the Mexican border, and so is subject to the 1988 U.S.-Mexico TV Agreement.* That 1988 Agreement allows for the operation of certain low power TV stations in the border areas without notifying the other country. Specifically, at Paragraph 3c, the 1988 Agreement states that if the ERP is not in excess of 10 kW and the station is located in excess of 100 km from the border, then notification is *not* required. Further, Section 2B1 of the 1982 Agreement explicitly states that the ERP is to be determined in the horizontal plane. Because of the use of 2.2° of electrical beam tilt and a 24-bay transmitting antenna with a half-power beam width of (coincidentally) 2.2°, there is a substantial 14.7 dB difference between the main beam ERP and the horizontal plane ERP (as documented in Exhibit 20C). Accordingly, for Mexican Agreement purposes, the proposed maximum ERP is (15.0 kW)$(0.185)^2$, or 0.513 kW. Since this is substantially less than 10 kW and since KAZT-CA is more than 100 km from the Mexican border, no Mexican notification is required.

Environmental Considerations

Grant of the requested STA operation would not constitute a major environmental action. The existing side-mounted KAZT-CA transmitting antenna will continue to be used. No Section 1.1307 conditions, defining actions that may have a significant environmental effect, are believed to apply.

The proposed STA operation would comply with the Commission's guidelines for human exposure to radio frequency energy. The predicted maximum power density at 1.8 meters above ground is 0.00104 mW/cm^2, or 0.28% of the 0.367 mW/cm^2 public limit applying at DTV Channel 27 (548-554 MHz). Since this is less than 5% of the public limit, the proposed STA operation is

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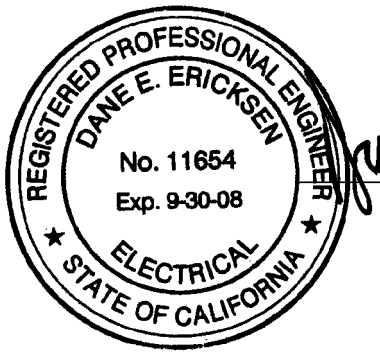
* *Agreement Relating to Assignments and Usage of Television Broadcasting Channels in the Frequency Range 470–806 MHz (Channels 14–69) along the United States-Mexico Border*, signed June 18, 1982 ("1982 Agreement"), was amended on November 21, 1988 ("1988 Agreement") to address Low Power TV (LPTV) operations. It should be noted that the July 22, 1998, *Memorandum of Understanding Between the Federal Communications Commission of the United States of America and the Secretaria de Comunicaciones Y Transportes of the United Mexican States Related To the Use of the 54–72 MHz, 76–88 MHz, 174–216 MHz and 470–806 MHz Bands for the Digital Television Broadcasting Service Along the Common Border* ("DTV MOU"), only addresses full-service DTV stations, and not low-power stations. Therefore the pertinent document for KAXT-CA is the 1982 Agreement, as modified by the 1988 Agreement, and not the 1998 DTV MOU. Indeed, Section 5 of the DTV MOU states "Regarding what has not been covered in this Memorandum of Understanding, the current agreements, cited in the first paragraph of the Memorandum of Understanding, will apply."

therefore categorically excluded from having to consider the contributions of other stations at, or near, the site.

List of Figures

In carrying out these engineering studies, the following attached figures were prepared under my direct supervision:

1. Exhibit 20A: OET-69 coverage study for existing KAZT-CA, N27, operation
2. Exhibit 20B: Radio horizon FCC contours for KAZT-CA as N27 and as D27
3. Exhibit 20C: Derivation of radio horizon and horizontal plane antenna gains
4. Exhibit 20D: OET-69 coverage study for KAZT-DT as D27 at 0.938 kW ERP main beam (0.150 kW ERP at radio horizon)
5. Exhibit 20E: OET-69 coverage study for KAZT-DT as D27 at 15.0 kW ERP main beam (2.40 kW ERP at radio horizon)
6. tv_process study for proposed D27 operation at 15.0 kW ERP main beam (2.40 kW ERP at radio horizon).

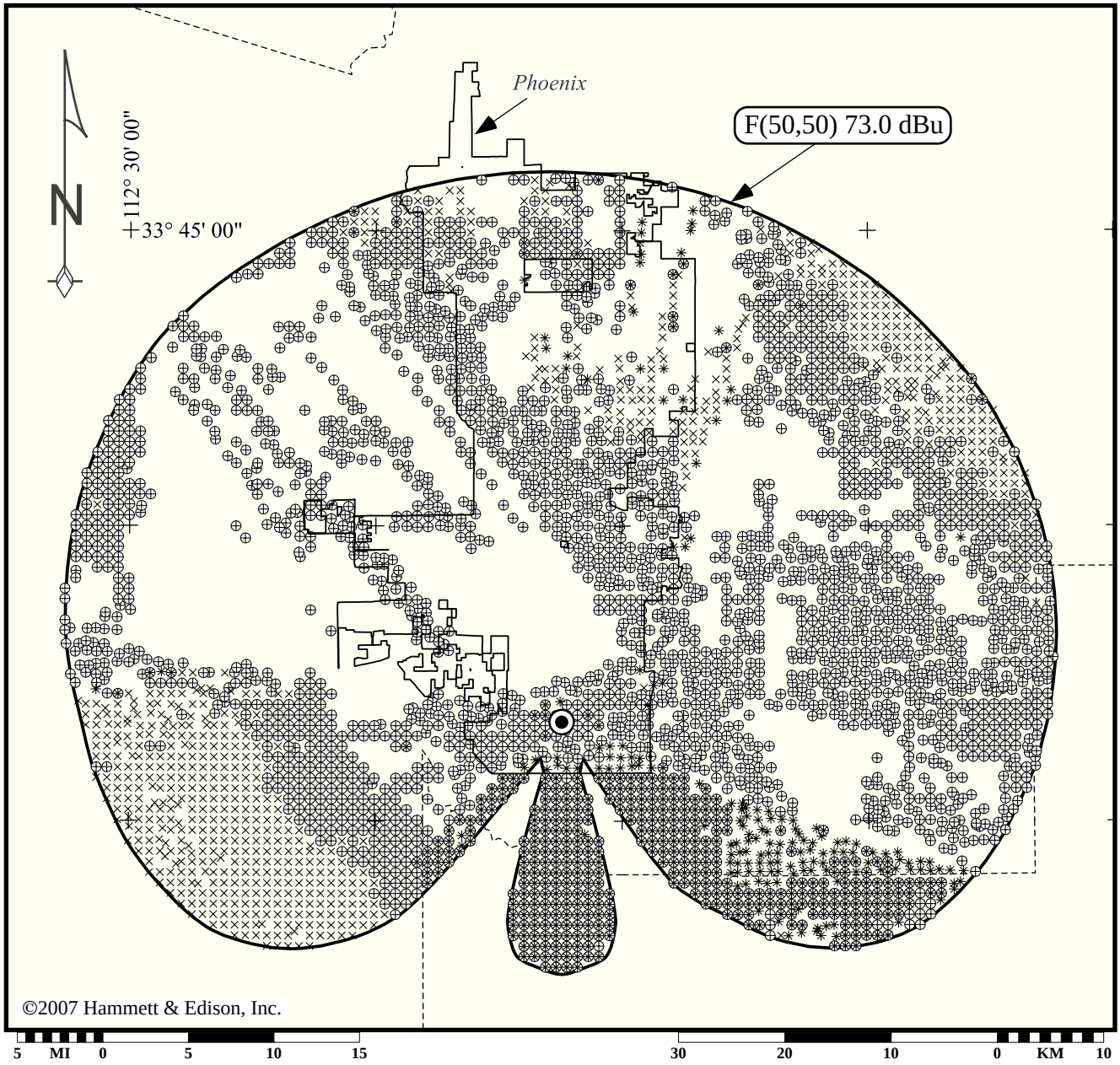


Dane E. Ericksen, P.E.

July 24, 2007

Station KAZT-CA • Flash-Cut STA Application for D27 • Phoenix, Arizona

OET-69 Coverage Study for Licensed KAZT-CA, N27, 150 kW ERP Peak Visual in the Main Beam, 34.0 kW ERP Peak Visual at the Radio Horizon Error Code 3 Respected



× = No Signal (below threshold)
✳ = Interference (with 2000 population in cell)
⊛ = Interference (without population in cell)
⊕ = Longley-Rice error cell

Lambert conformal conic map projection. Map data taken from Sectional Aeronautical Charts, published by the National Ocean Survey. Geographic coordinate marks shown at 15-minute increments. City limits shown taken from U.S. Census Bureau TIGER/Line 2000 data.

OET-69 Coverage Study for Licensed KAZT-CA, N27, 150 kW ERP Peak Visual in the Main Beam, 34.0 kW ERP Peak Visual at the Radio Horizon Error Code 3 Respected

OET-69 Coverage Analysis, 2000 Census
tvstudy v3.2.12

This interference study is based on 1.00 x 1.00 kilometer cells
and terrain profiles with 10.0 points per kilometer.

Station record parameters:

	--Modified--	--Original--
Station:	N27+A KAZT-CA LIC	N27+A KAZT-CA LIC
City:	PHOENIX, AZ	PHOENIX, AZ
Facility ID:	72618	72618
Coordinates:	N 33-20-02.0 W 112-03-41.0	N 33-20-02.0 W 112-03-41.0
Height AMSL:	853.6 m	853.6 m
Maximum ERP:	150 kW	34.0 kW
Azimuth pattern:	RFT-CS-2030-2346-24	RFT-CS-2030-2346-24
Orientation:	0.0	0.0
Elevation pattern:	OET-69 generic	OET-69 generic
Service level:	73.0 dBu	73.0 dBu

			Total IX		Unique IX	
Interfering station			Area,km2	Population	Area,km2	Population
D20	KPAZ-TV CP	PHOENIX, AZ	0.0	0	0.0	0
D24	KTVK LIC	PHOENIX, AZ	4.0	5,538	0.0	0
D26	KUTP CP	PHOENIX, AZ	517.1	82,978	440.7	76,697
D27	KFPH-TV LIC	FLAGSTAFF, AZ	36.7	8,171	9.9	5,756
D27 L	K59CI CP	GLOBE/MIAMI, AZ	2.0	4,646	0.0	0
D29	KAET LIC	PHOENIX, AZ	5.0	5,538	0.0	0
D31	KSAZ-TV LIC	PHOENIX, AZ	57.6	9,077	2.0	2,189
D34	KTVW-TV LIC	PHOENIX, AZ	0.0	0	0.0	0
N27+L	K27FN LIC	LORDSBURG, NM	0.0	0	0.0	0
N27-	KUAS-TV LIC	TUCSON, AZ	0.0	0	0.0	0
N27nA	K27EC LIC	LAKE HAVASU CIT, AZ	0.0	0	0.0	0
N27nL	K27IJ CP	TACNA, AZ	0.0	0	0.0	0
N27zL	K27DA LIC	BIG SANDY VALLE, AZ	0.0	0	0.0	0
N28+L	KQBN-LP CP	PRESCOTT, AZ	1.0	0	0.0	0
N28-A	KCOS-LP LIC	PHOENIX, AZ	1.0	675	1.0	675
N28zL	KCAB-LP LIC	CASA GRANDE, AZ	0.0	0	0.0	0
N42-L	KVPA-LP LIC	PHOENIX, AZ	11.9	6,095	9.9	4,387
N42nL	K42AC LIC	COTTONWOOD, ETC, AZ	0.0	0	0.0	0

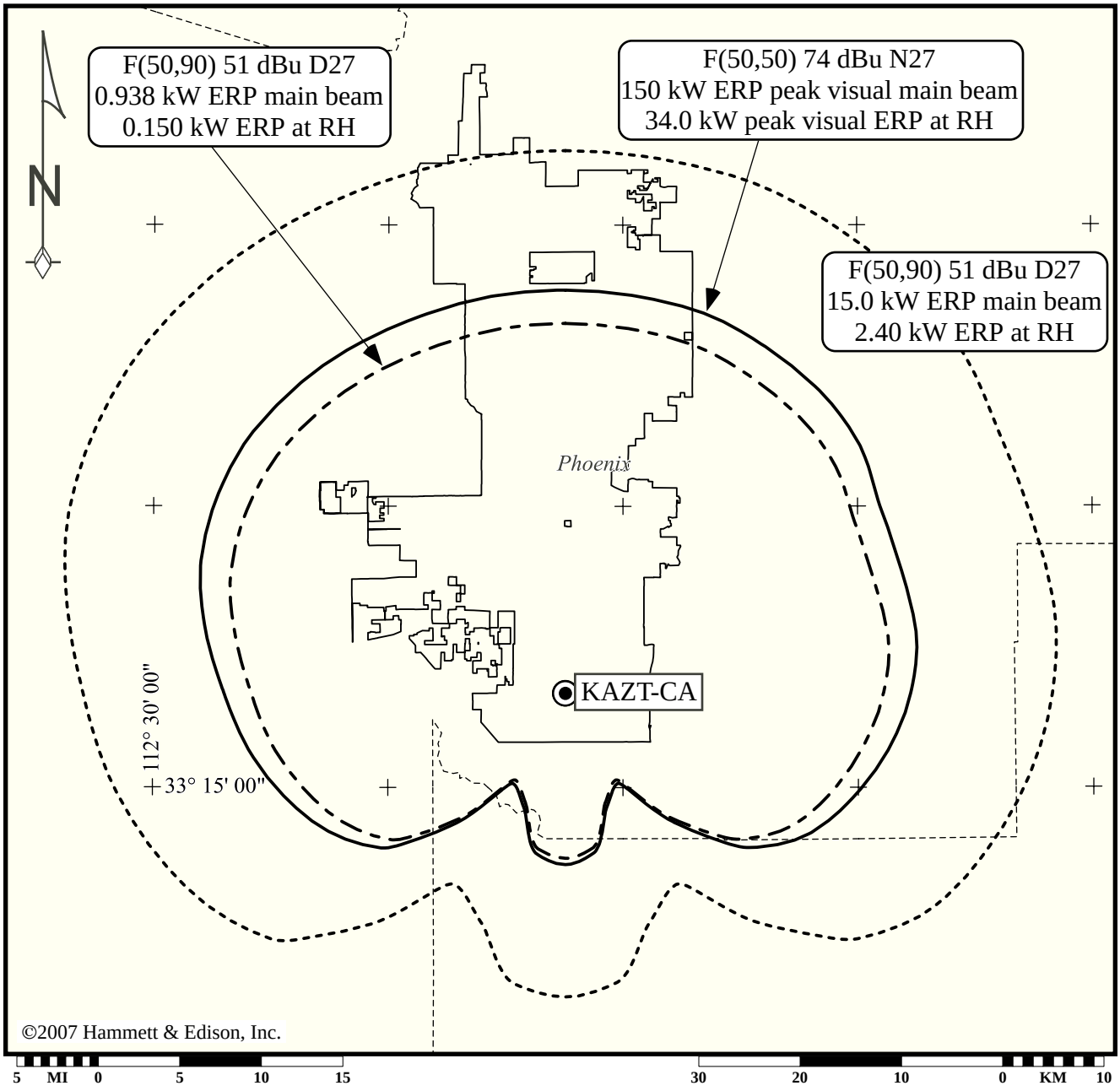
Service conditions	Area,km2	Population
Noise-limited service	5496.5	3,024,798
Terrain-limited service	4784.9	2,891,975
Interference-free service	4242.0	2,792,922
Longley-Rice errors	2405.9	1,528,249

[Continued on next page]

OET-69 Coverage Study for Licensed KAZT-CA, N27, 150 kW ERP Peak Visual in the Main Beam, 34.0 kW ERP Peak Visual at the Radio Horizon Error Code 3 Respected

Note: The results of the OET-69 algorithm are dependent on the use of computer databases and complex software algorithms, which may vary between computer platforms and installations. Also, while Hammett & Edison, Inc. endeavors to follow official releases and established precedents on the matter, FCC policy on DTV analysis methods changes from time to time. Thus, the results of OET-69 interference and coverage studies are subject to change and may differ from FCC results.

Licensed Analog Contour Plus Flash-Cut D27 Contours at 0.938 kW and 15.0 kW ERP



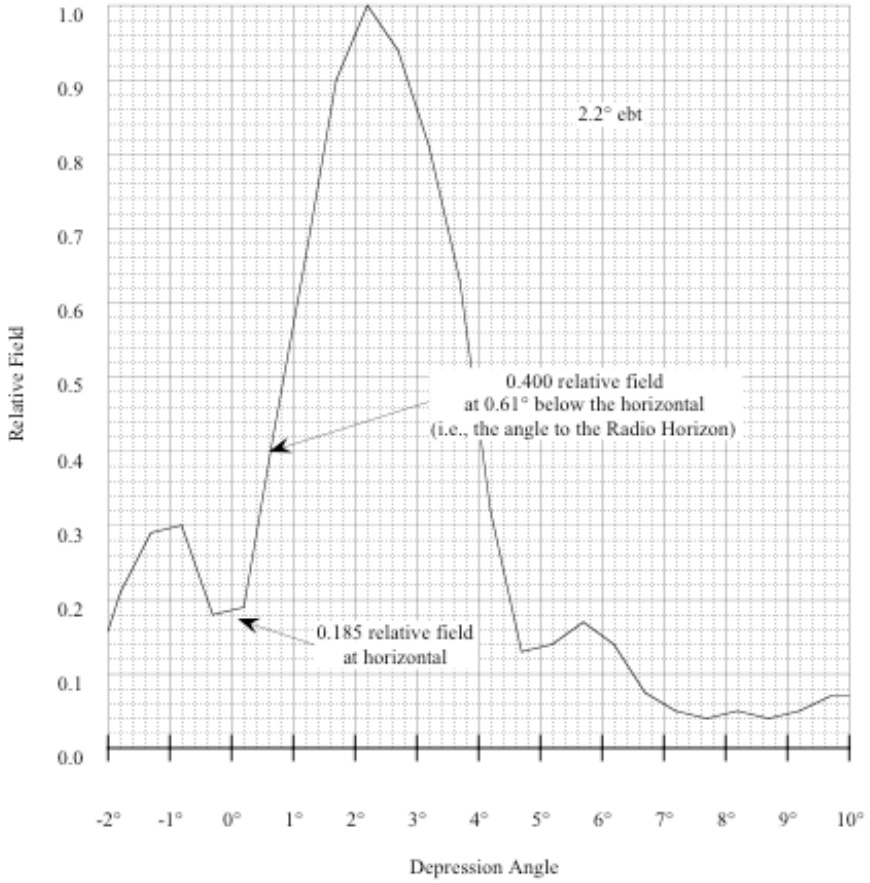
(Contours are based on the radio horizon (RH) ERPs.)

Lambert conformal conic map projection. Map data taken from Sectional Aeronautical Charts, published by the National Ocean Survey. Geographic coordinate marks shown at 15-minute increments. City limits shown taken from U.S. Census Bureau TIGER/Line 2000 data.

Station KAZT-CA • Flash-Cut STA Application for D27 • Phoenix, Arizona

Derivation of Radio Horizon and Horizontal Plane Antenna Gain Reductions

Elevation Pattern for RFS Model CS-2030-2346-24
24-Bay Antenna with 2.2° Electrical Beam Tilt

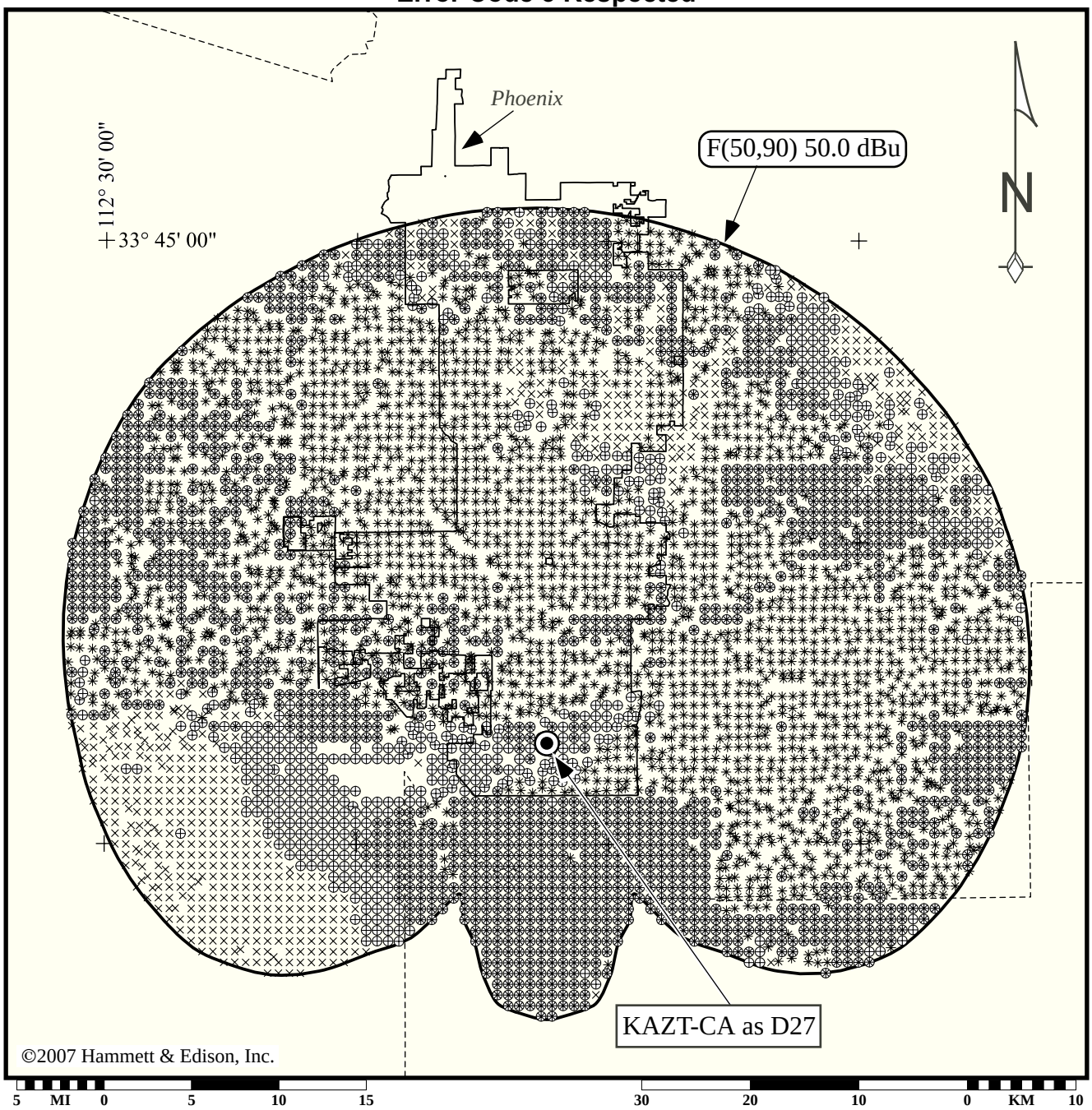


Gain reduction at Radio Horizon = 20log(0.400) = -7.96 dB

Gain reduction at horizontal = 20log(0.185) = -14.66 dB.

Station KAZT-CA • Flash-Cut Application for D27 • Phoenix, Arizona

OET-69 Coverage Study for No-Contour-Extension D27 ERP of 0.938 kW in the Main Beam (0.150 kW ERP at the Radio Horizon) Error Code 3 Respected



× = No Signal (below threshold)
✳ = Interference (with 2000 population in cell)
⊛ = Interference (without population in cell)
⊕ = Longley-Rice error cell

Lambert conformal conic map projection. Map data taken from Sectional Aeronautical Charts, published by the National Ocean Survey. Geographic coordinate marks shown at 15-minute increments. City limits shown taken from U.S. Census Bureau TIGER/Line 2000 data.

OET-69 Coverage Study for No-Contour-Extension D27 ERP of 0.938 kW in the Main Beam (0.150 kW ERP at the Radio Horizon) Error Code 3 Respected

```
OET-69 Coverage Analysis, 2000 Census
tvstudy v3.2.12

This interference study is based on 1.00 x 1.00 kilometer cells
and terrain profiles with 10.0 points per kilometer.

Station record parameters:
                  --Modified---------------  --Original---------------
          Station: D27 A KAZT-CA LIC          N27+A KAZT-CA LIC
             City: PHOENIX, AZ                PHOENIX, AZ
      Facility ID:   72618                      72618
      Coordinates: N  33-20-01.8              N  33-20-02.0
                   W 112-03-40.5              W 112-03-41.0
      Height AMSL:  853.6 m                    853.6 m
      Maximum ERP: 0.938 kW                    34.0 kW
  Azimuth pattern: RFT-CS-2030-2346-24         RFT-CS-2030-2346-24
      Orientation:   0.0                        0.0
Elevation pattern: OET-69 generic              OET-69 generic
    Service level: 50.0 dBu                    73.0 dBu
    Emission mask: stringent                   --
```

			Total IX		Unique IX	
Interfering station			Area,km2	Population	Area,km2	Population
D26	KUTP CP	PHOENIX, AZ	4034.5	2,790,704	3954.0	2,784,365
D27	KFPH-TV LIC	FLAGSTAFF, AZ	73.5	699	0.0	0
D27 L	K59CI CP	GLOBE/MIAMI, AZ	2.0	3,082	0.0	0
N27+L	K27FN LIC	LORDSBURG, NM	0.0	0	0.0	0
N27-	KUAS-TV LIC	TUCSON, AZ	7.9	3,798	1.0	0
N27nA	K27EC LIC	LAKE HAVASU CIT, AZ	0.0	0	0.0	0
N27nL	K27IJ CP	TACNA, AZ	0.0	0	0.0	0
N27zL	K27DA LIC	BIG SANDY VALLE, AZ	0.0	0	0.0	0
N28+L	KQBN-LP CP	PRESCOTT, AZ	0.0	0	0.0	0
N28-A	KCOS-LP LIC	PHOENIX, AZ	0.0	0	0.0	0
N28zL	KCAB-LP LIC	CASA GRANDE, AZ	0.0	0	0.0	0

Service conditions	Area,km2	Population
Noise-limited service	5192.0	3,002,469
Terrain-limited service	4604.3	2,868,797
Interference-free service	568.8	78,093
Longley-Rice errors	529.1	64,557

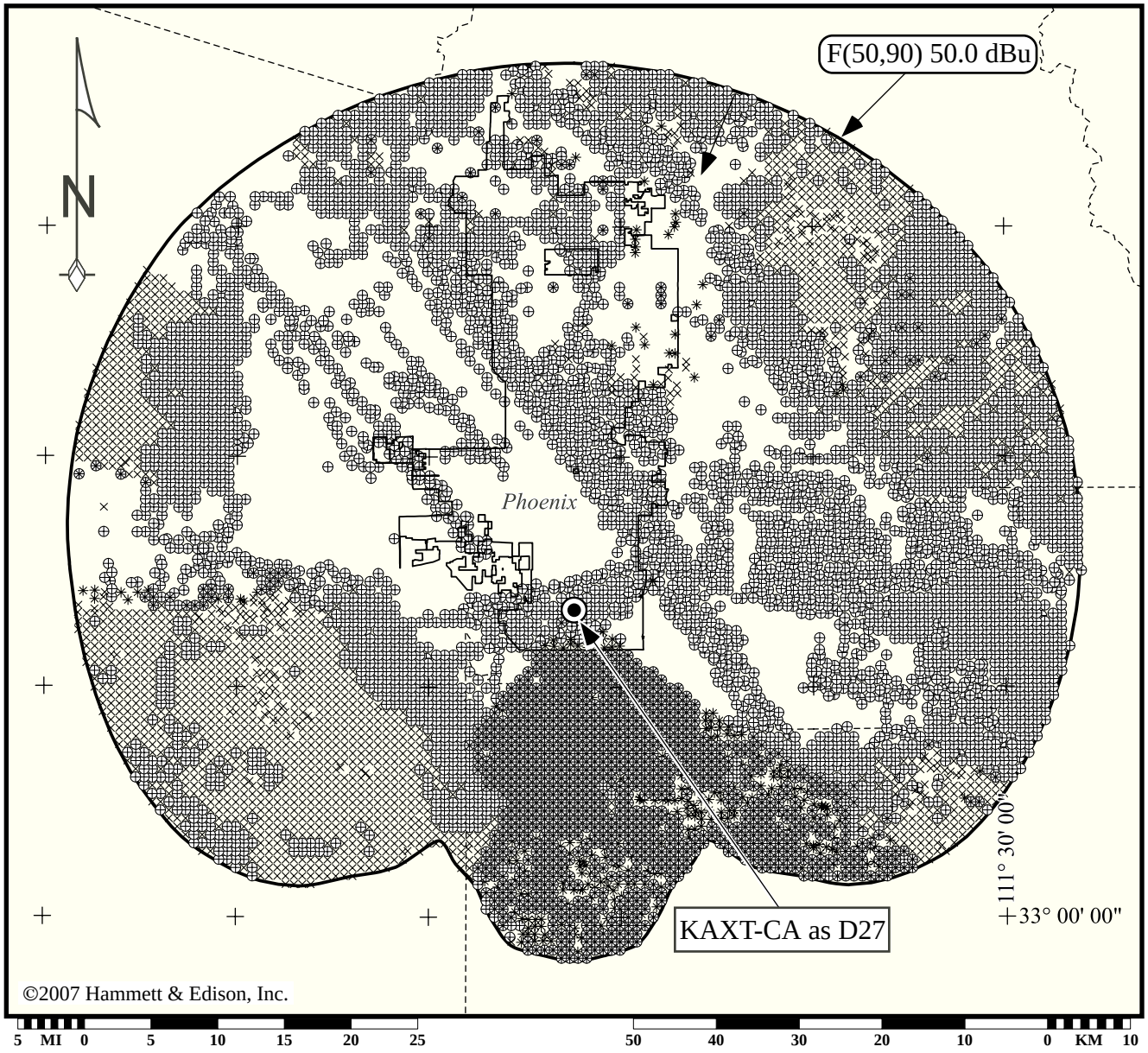
[Continued on next page]

OET-69 Coverage Study for No-Contour-Extension D27 ERP of 0.938 kW in the Main Beam (0.150 kW ERP at the Radio Horizon) Error Code 3 Respected

Note: The results of the OET-69 algorithm are dependent on the use of computer databases and complex software algorithms, which may vary between computer platforms and installations. Also, while Hammett & Edison, Inc. endeavors to follow official releases and established precedents on the matter, FCC policy on DTV analysis methods changes from time to time. Thus, the results of OET-69 interference and coverage studies are subject to change and may differ from FCC results.

Station KAZT-CA • Flash-Cut Application for D27 • Phoenix, Arizona

OET-69 Coverage Study for D27 ERP of 15.0 kW in the Main Beam (2.40 kW ERP at the Radio Horizon) Error Code 3 Respected



× = No Signal (below threshold)
✳ = Interference (with 2000 population in cell)
⊛ = Interference (without population in cell)
⊕ = Longley-Rice error cell

Lambert conformal conic map projection. Map data taken from Sectional Aeronautical Charts, published by the National Ocean Survey. Geographic coordinate marks shown at 15-minute increments. City limits shown taken from U.S. Census Bureau TIGER/Line 2000 data.

Station KAZT-CA • Flash-Cut Application for D27 • Phoenix, Arizona

OET-69 Coverage Study for D27 ERP of 15.0 kW in the Main Beam (2.40 kW ERP at the Radio Horizon) Error Code 3 Respected

OET-69 Coverage Analysis, 2000 Census
tvstudy v3.2.12

This interference study is based on 1.00 x 1.00 kilometer cells
and terrain profiles with 10.0 points per kilometer.

Station record parameters:

	--Modified--	--Original--
Station:	D27 A KAZT-CA LIC	N27+A KAZT-CA LIC
City:	PHOENIX, AZ	PHOENIX, AZ
Facility ID:	72618	72618
Coordinates:	N 33-20-01.8	N 33-20-02.0
	W 112-03-40.5	W 112-03-41.0
Height AMSL:	853.6 m	853.6 m
Maximum ERP:	15.0 kW	34.0 kW
Azimuth pattern:	RFT-CS-2030-2346-24	RFT-CS-2030-2346-24
Orientation:	0.0	0.0
Elevation pattern:	OET-69 generic	OET-69 generic
Service level:	50.0 dBu	73.0 dBu
Emission mask:	stringent	--

			Total IX		Unique IX	
Interfering station			Area,km2	Population	Area,km2	Population
D26	KUTP CP	PHOENIX, AZ	1201.2	50,999	1157.5	50,000
D27	KFPH-TV LIC	FLAGSTAFF, AZ	59.6	2,151	24.8	1,473
D27 L	K59CI CP	GLOBE/MIAMI, AZ	8.9	321	0.0	0
D28	KUAS-TV LIC	TUCSON, AZ	0.0	0	0.0	0
N27+L	K27FN LIC	LORDSBURG, NM	0.0	0	0.0	0
N27-	KUAS-TV LIC	TUCSON, AZ	9.9	2,714	6.9	2,569
N27nA	K27EC LIC	LAKE HAVASU CIT, AZ	0.0	0	0.0	0
N27nL	K27IJ CP	TACNA, AZ	0.0	0	0.0	0
N27zL	K27DA LIC	BIG SANDY VALLE, AZ	0.0	0	0.0	0
N28+L	KQBN-LP CP	PRESCOTT, AZ	0.0	0	0.0	0
N28-A	KCOS-LP LIC	PHOENIX, AZ	0.0	0	0.0	0
N28zL	KCAB-LP LIC	CASA GRANDE, AZ	0.0	0	0.0	0

Service conditions	Area,km2	Population
Noise-limited service	10220.2	3,118,387
Terrain-limited service	8430.3	3,079,462
Interference-free service	7197.4	3,024,421

[Continued on next page]

OET-69 Coverage Study for D27 ERP of 15.0 kW in the Main Beam (2.40 kW ERP at the Radio Horizon) Error Code 3 Respected

Note: The results of the OET-69 algorithm are dependent on the use of computer databases and complex software algorithms, which may vary between computer platforms and installations. Also, while Hammett & Edison, Inc. endeavors to follow official releases and established precedents on the matter, FCC policy on DTV analysis methods changes from time to time. Thus, the results of OET-69 interference and coverage studies are subject to change and may differ from FCC results.

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
Census data selected: 1990
              TV INTERFERENCE and SPACING ANALYSIS PROGRAM


 Date: 07-17-2007    Time: 15:48:01

 Record Selected for Analysis

 KAZT-CA  USERRECORD-01               PHOENIX              AZ US
 Channel 27 ERP 15.    kW   HAAT  488. m  RCAMSL 00854 m STRINGENT MASK
 Latitude 033-20-02  Longitude 0112-03-41
 Status APP       Zone 2    Border
 Dir Antenna Make CDB  Model 00000000071595  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

 Facility meets maximum power limit

    Azimuth     ERP        HAAT   51.0 dBu F(50,90)
     (Deg)      (kW)       (m)        (km)
      0.0       15.000     506.0       64.5
     45.0       14.821     472.3       63.5
     90.0        7.884     468.0       59.4
    135.0        0.723     486.0       45.5
    180.0        0.324     499.0       41.0
    225.0        0.723     492.3       45.7
    270.0        7.884     453.2       58.9
    315.0       14.821     526.8       65.0



        Contour Overlap to Proposed Station


        Station
KUTP     26 PHOENIX             AZ BPCDT19990809LC

Station inside contour of Digital LPTV station
KAZT-CA  27 PHOENIX             AZ USERRECORD01

        Station
KFPH-TV  27 FLAGSTAFF           AZ BLCDT20060912ADD       causes
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
Contour overlap to Digital LPTV station
KAZT-CA  27 PHOENIX              AZ USERRECORD01

        Station
KAZT-CA  27 PHOENIX              AZ BPTTA20060206ACD

Station inside contour of Digital LPTV station
KAZT-CA  27 PHOENIX              AZ USERRECORD01

        Station
KAZT-CA  27 PHOENIX              AZ BLTTA20031104ACS

Station inside contour of Digital LPTV station
KAZT-CA  27 PHOENIX              AZ USERRECORD01

        Station
KCOS-LP  28 PHOENIX              AZ BLTTL19990325JD

Station inside contour of Digital LPTV station
KAZT-CA  27 PHOENIX              AZ USERRECORD01

        Station
KQBN-LP  28 PRESCOTT             AZ BPTTL20040712AAP

Station inside contour of Digital LPTV station
KAZT-CA  27 PHOENIX              AZ USERRECORD01

        Contour Overlap Evaluation to Proposed Station Complete


 Proposed facility OK to FCC Monitoring Stations

 Proposed facility OK toward West Virginia quite zone

 Proposed facility OK toward Table Mountian

 Proposed facility is beyond the Canadian coordination distance

 Proposed facility is within the Mexican coordination distance
 Distance to border =   174.3km

 Proposed station is OK toward AM broadcast stations

*************************************************************************
                         Start of Interference Analysis


              Proposed Station
Channel     Call         City/State              ARN
   27      KAZT-CA    PHOENIX AZ                USERRECORD01

     Stations Potentially Affected by  Proposed Station
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
19	K19FD	CAMP VERDE AZ	126.8	LIC	BLTTL	-20050506ACT
23	K23FZ	CAMP VERDE AZ	127.5	LIC	BLTT	-20040927ABU
23	NEW	CAMP VERDE AZ	126.8	APP	BNPTTL	-20000831BBB
23	K23BY	SCOTTSDALE AZ	33.9	LIC	BLTT	-19941219JJ
25	K25DM	PHOENIX AZ	29.0	LIC	BLTTL	-19941028IQ
26	KUTP	PHOENIX AZ	0.2	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	0.2	PLN	DTVPLN	-DTVP0629
27	K27DA	BIG SANDY VALLEY AZ	258.8	LIC	BLTT	-19900523IG
27	K27EJ	COLORADO CITY AZ	406.4	LIC	BLTT	-19931222IF
27	KKTM-DT	FLAGSTAFF AZ	188.6	PLN	DTVPLN	-DTVP0664
27	KFPH-TV	FLAGSTAFF AZ	188.6	LIC	BLCDT	-20060912ADD
27	K59CI	GLOBE/MIAMI AZ	110.5	CP	BDISDTT	-20060320ADL
27	K27EC	LAKE HAVASU CITY AZ	255.4	APP	BDFCDTA	-20060331AED
27	K27EC	LAKE HAVASU CITY AZ	255.4	LIC	BLTTL	-19951128JD
27	K27IJ	TACNA AZ	162.1	CP	BNPTTL	-20000831BLZ
27	KUAS-TV	TUCSON AZ	158.8	LIC	BLET	-20030103AAV
27	NEW	YUMA AZ	259.2	APP	BNPTTL	-20000831BMB
27	NEW	BRAWLEY CA	327.5	APP	BNPTTL	-20000828ALJ
27	NEW	BRAWLEY CA	327.5	APP	BNPTTL	-20000828ARI
27	NEW	EL CENTRO CA	330.5	APP	BNPTTL	-20000818ACS
27	K27FN	LORDSBURG NM	328.9	LIC	BLTT	-19990629JC
27	NEW	BOULDER CITY NV	388.4	ADD	BPRM	-19960725AAI
27	KELV-LP	LAS VEGAS NV	400.9	LIC	BLTT	-19990225JE
27	KELV-LP	LAS VEGAS NV	401.0	APP	BSTA	-20060531AHF
28	KCAB-LP	CASA GRANDE AZ	59.2	LIC	BLTTL	-20051007ABP
28	KCOS-LP	PHOENIX AZ	42.9	LIC	BLTTL	-19990325JD
28	KQBN-LP	PRESCOTT AZ	53.0	CP	BPTTL	-20040712AAP
28	KQBN-LP	PRESCOTT AZ	103.9	LIC	BLTTL	-19970918JQ
28	KUAS-TV	TUCSON AZ	158.8	LIC	BLEDT	-20030115ABS
28	KUAS-DT	TUCSON AZ	158.8	PLN	DTVPLN	-DTVP0701
30	K30ES	GLOBE AZ	113.9	LIC	BLTTL	-20001208ADO
30	K30ES	GLOBE AZ	83.4	CP	BPTTL	-20060322AEY
35	KFPH-CA	PHOENIX AZ	0.2	LIC	BLTTA	-20030122ADP
35	KFPH-CA	PHOENIX AZ	0.1	APP	BPTTA	-20030227AAW
35	K35HA	PRESCOTT AZ	135.7	CP	BNPTT	-20000830AYG

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
19	K19FD	CAMP VERDE AZ	BLTTL	-20050506ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
17	KPHO-DT	PHOENIX AZ	126.8	PLN	DTVPLN	-DTVP0250
18	K18DD	CAMP VERDE AZ	33.4	LIC	BLTTL	-19950915IC
18	KTFL-DT	FLAGSTAFF AZ	65.1	PLN	DTVPLN	-DTVP0293
19	KMOH-DT	KINGMAN AZ	236.4	PLN	DTVPLN	-DTVP0337

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

19	KTTU-TV	TUCSON AZ	251.7	LIC	BLCDT	-20030926ANZ
19	KTTU-DT	TUCSON AZ	256.1	PLN	DTVPLN	-DTVP0338
20	KPAZ-DT	PHOENIX AZ	126.9	PLN	DTVPLN	-DTVP0388
20	KPAZ-TV	PHOENIX AZ	126.8	CP	BPCDT	-19990414KH
22	KNAZ-DT	FLAGSTAFF AZ	65.1	PLN	DTVPLN	-DTVP0470
26	KUTP	PHOENIX AZ	126.8	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	126.8	PLN	DTVPLN	-DTVP0629
27	KKTM-DT	FLAGSTAFF AZ	65.1	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	126.8	CP	BPTTA	-20060206ACD
33	KTVW-TV	PHOENIX AZ	126.9	LIC	BLCT	-19971110KF
34	KTVW-TV	PHOENIX AZ	126.9	LIC	BLCDT	-20020819ABN
34	KTVW-DT	PHOENIX AZ	126.9	PLN	DTVPLN	-DTVP0925
34	K34EE	PRESCOTT/COTTONWOOD AZ	33.3	LIC	BLTT	-19990603JI
27	KAZT-CA	PHOENIX AZ	126.8	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	K23FZ	CAMP VERDE AZ	BLTT	-20040927ABU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	960710KT	FLAGSTAFF AZ	34.2	APP	BPET	-19960710KT
16	961001KK	FLAGSTAFF AZ	64.6	APP	BPET	-19961001KK
20	KPAZ-DT	PHOENIX AZ	127.5	PLN	DTVPLN	-DTVP0388
20	KPAZ-TV	PHOENIX AZ	127.5	CP	BPCDT	-19990414KH
22	KNAZ-DT	FLAGSTAFF AZ	64.6	PLN	DTVPLN	-DTVP0470
23	NEW	CAMP VERDE AZ	0.7	APP	BNPTTL	-20000831BBB
23	K23HB	FLAGSTAFF AZ	89.0	LIC	BLTTL	-20070209AAS
23	NEW	PRESCOTT AZ	65.7	APP	BNPTTL	-20000831EIL
23	KVOA-DT	TUCSON AZ	252.4	PLN	DTVPLN	-DTVP0511
23	KVOA	TUCSON AZ	252.4	CP MOD	BMPCDT	-20031010ADG
24	KTVK-DT	PHOENIX AZ	127.6	PLN	DTVPLN	-DTVP0556
25	KUSK-DT	PRESCOTT AZ	32.9	PLN	DTVPLN	-DTVP0591
26	KUTP	PHOENIX AZ	127.5	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	127.5	PLN	DTVPLN	-DTVP0629
27	KKTM-DT	FLAGSTAFF AZ	64.6	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	127.5	CP	BPTTA	-20060206ACD
31	KSAZ-DT	PHOENIX AZ	127.5	PLN	DTVPLN	-DTVP0812
38	K38AI	COTTONWOOD, ETC. AZ	32.8	LIC	BLTT	-19890927IK
27	KAZT-CA	PHOENIX AZ	127.5	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	NEW	CAMP VERDE AZ	BNPTTL	-20000831BBB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	960710KT	FLAGSTAFF AZ	34.7	APP	BPET	-19960710KT
16	961001KK	FLAGSTAFF AZ	65.1	APP	BPET	-19961001KK
20	KPAZ-DT	PHOENIX AZ	126.9	PLN	DTVPLN	-DTVP0388
20	KPAZ-TV	PHOENIX AZ	126.8	CP	BPCDT	-19990414KH
22	KNAZ-DT	FLAGSTAFF AZ	65.1	PLN	DTVPLN	-DTVP0470
23	K23FZ	CAMP VERDE AZ	0.7	LIC	BLTT	-20040927ABU
23	K23HB	FLAGSTAFF AZ	89.6	LIC	BLTTL	-20070209AAS
23	K23FV	KINGMAN AZ	197.8	LIC	BLTT	-20020814AAL
23	NEW	PRESCOTT AZ	66.0	APP	BNPTTL	-20000831EIL
23	KVOA-DT	TUCSON AZ	251.7	PLN	DTVPLN	-DTVP0511
23	KVOA	TUCSON AZ	251.7	CP MOD	BMPCDT	-20031010ADG
24	KTVK-DT	PHOENIX AZ	126.9	PLN	DTVPLN	-DTVP0556
25	KUSK-DT	PRESCOTT AZ	33.5	PLN	DTVPLN	-DTVP0591
26	KUTP	PHOENIX AZ	126.8	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	126.8	PLN	DTVPLN	-DTVP0629
27	KKTM-DT	FLAGSTAFF AZ	65.1	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	126.8	CP	BPTTA	-20060206ACD
31	KSAZ-DT	PHOENIX AZ	126.8	PLN	DTVPLN	-DTVP0812
38	K38AI	COTTONWOOD, ETC. AZ	33.4	LIC	BLTT	-19890927IK
27	KAZT-CA	PHOENIX AZ	126.8	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	K23BY	SCOTTSDALE AZ	BLTT	-19941219JJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	960710KT	FLAGSTAFF AZ	122.5	APP	BPET	-19960710KT
20	KPAZ-DT	PHOENIX AZ	33.9	PLN	DTVPLN	-DTVP0388
20	KPAZ-TV	PHOENIX AZ	33.9	CP	BPCDT	-19990414KH
22	KTVP-LP	PHOENIX AZ	34.2	LIC	BLTTL	-20051229ABD

23	K23FZ	CAMP VERDE AZ	95.4	LIC	BLTT	-20040927ABU
23	NEW	CAMP VERDE AZ	94.7	APP	BNPTTL	-20000831BBB
23	NEW	PRESCOTT AZ	134.8	APP	BNPTTL	-20000831EIL
23	KVOA-DT	TUCSON AZ	173.8	PLN	DTVPLN	-DTVP0511
23	KVOA	TUCSON AZ	173.7	CP MOD	BMPCDT	-20031010ADG
24	KTVK-DT	PHOENIX AZ	34.0	PLN	DTVPLN	-DTVP0556
25	KUSK-DT	PRESCOTT AZ	121.0	PLN	DTVPLN	-DTVP0591
26	KUTP	PHOENIX AZ	33.8	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	33.8	PLN	DTVPLN	-DTVP0629
27	KAZT-CA	PHOENIX AZ	33.9	CP	BPTTA	-20060206ACD
31	KSAZ-DT	PHOENIX AZ	33.9	PLN	DTVPLN	-DTVP0812
38	K53GF	PHOENIX AZ	34.0	CP	BPTTL	-20050722AFS
27	KAZT-CA	PHOENIX AZ	33.9	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

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-DT	PHOENIX AZ	29.0	PLN	DTVPLN	-DTVP0250
24	KTVK-DT	PHOENIX AZ	29.0	PLN	DTVPLN	-DTVP0556
25	KUSK-DT	PRESCOTT AZ	121.6	PLN	DTVPLN	-DTVP0591
25	KMSB-DT	TUCSON AZ	182.9	PLN	DTVPLN	-DTVP0592
25	KMSB-TV	TUCSON AZ	183.1	LIC	BLCDT	-20050623ABE
25	NEW	YUMA AZ	261.6	APP	BNPTTL	-20000831BKL
26	KUTP	PHOENIX AZ	29.0	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	29.0	PLN	DTVPLN	-DTVP0629
27	KAZT-CA	PHOENIX AZ	29.0	CP	BPTTA	-20060206ACD
29	KAET	PHOENIX AZ	29.0	LIC	BLEDT	-20020405ABD
29	KAET-DT	PHOENIX AZ	29.0	PLN	DTVPLN	-DTVP0736
39	KTAZ	PHOENIX AZ	29.0	LIC	BLCT	-20060809ABN
39	KDTP	PHOENIX AZ	29.0	CP	BPEDT	-20000501AHL
39	KTAZ	PHOENIX AZ	29.0	APP	BSTA	-20060510ABH
39	KDTP	PHOENIX AZ	29.0	LIC	BLET	-20010205ABS
39	KTAZ	PHOENIX AZ	29.0	APP	BSTA	-20060414ABI
40	NEW	PHOENIX AZ	29.0	APP	BDCCDTL	-20061017ABH
27	KAZT-CA	PHOENIX AZ	29.0	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
26	KUTP-DT	PHOENIX AZ	DTVPLN	-DTVP0629

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KUSK-DT	PRESCOTT AZ	150.6	PLN	DTVPLN	-DTVP0591
25	KMSB-DT	TUCSON AZ	161.6	PLN	DTVPLN	-DTVP0592
27	KKTM-DT	FLAGSTAFF AZ	188.6	PLN	DTVPLN	-DTVP0664
27	KUASTV	TUCSON AZ	158.6	PLN	DTVPLN	-NPLN1296

Results for: 26A AZ PHOENIX DTVPLN DTVP0629 PLN
HAAT 545.0 m, ATV ERP 64.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2223174	28032.9
not affected by terrain losses	2218882	22994.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8582	289.2
lost to ATV IX only	8582	289.2
lost to all IX	8582	289.2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
45	KUTPTV	PHOENIX AZ	DTVPLN	-NPLN1677

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	NEW	COOLIDGE AZ	51.3	PLN	DTVPLN	-NPLN1634
46	KXGR	GREEN VALLEY AZ	161.7	PLN	DTVPLN	-NPLN1694
49	KASW-DT	PHOENIX AZ	0.3	PLN	DTVPLN	-DTVP1410
52	KAJW-DT	TOLLESON AZ	0.2	PLN	DTVPLN	-DTVP1499

Results for: 45N AZ PHOENIX DTVPLN NPLN1677 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2223174	28034.9
not affected by terrain losses	2202762	21137.0
lost to NTSC IX	10868	406.5
lost to additional IX by ATV	0	0.0
lost to all IX	10868	406.5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	KUTP	PHOENIX AZ	BPCDT	-19990809LC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KUSK-DT	PRESCOTT AZ	150.6	PLN	DTVPLN	-DTVP0591
25	KMSB-DT	TUCSON AZ	161.6	PLN	DTVPLN	-DTVP0592
25	KMSB-TV	TUCSON AZ	161.8	LIC	BLCDT	-20050623ABE
26	960920WU	BRAWLEY CA	259.4	APP	BPET	-19960920WU
27	KKTM-DT	FLAGSTAFF AZ	188.6	PLN	DTVPLN	-DTVP0664

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
 27   KUAS-TV  TUCSON AZ                158.6  LIC    BLET      -20030103AAV
 27   KAZT-CA  PHOENIX AZ                 0.2  APP    USERRECORD-01

 Total scenarios =   6


Result key:        1
Scenario        1  Affected station        6  KUTP
Before Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1176        510.8
   lost to ATV IX only                 1176        510.8
   lost to all IX                      1176        510.8

 Potential Interfering Stations Included in above Scenario     1

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

After Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1178        550.6
   lost to ATV IX only                 1178        550.6
   lost to all IX                      1178        550.6

 Potential Interfering Stations Included in above Scenario     1

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:        2
Scenario        2  Affected station        6  KUTP
Before Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         368        200.8
   lost to ATV IX only                  368        200.8
   lost to all IX                       368        200.8

 Potential Interfering Stations Included in above Scenario     2

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

After Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         370        240.5
   lost to ATV IX only                  370        240.5
   lost to all IX                       370        240.5

 Potential Interfering Stations Included in above Scenario     2

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:        3
Scenario        3  Affected station        6  KUTP
Before Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                       55        465.1
   lost to additional IX by ATV        1176        506.9
   lost to ATV IX only                 1176        510.8
   lost to all IX                      1231        972.0

 Potential Interfering Stations Included in above Scenario     3

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

After Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
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tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                       55        465.1
   lost to additional IX by ATV        1178        546.6
   lost to ATV IX only                 1178        550.6
   lost to all IX                      1233       1011.7

 Potential Interfering Stations Included in above Scenario     3

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:        4
Scenario        4  Affected station        6  KUTP
Before Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                       55        465.1
   lost to additional IX by ATV         368        197.8
   lost to ATV IX only                  368        200.8
   lost to all IX                       423        662.9

 Potential Interfering Stations Included in above Scenario     4

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

After Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                       55        465.1
   lost to additional IX by ATV         370        237.5
   lost to ATV IX only                  370        240.5
   lost to all IX                       425        702.7

 Potential Interfering Stations Included in above Scenario     4

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
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tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:        5
Scenario        5  Affected station        6  KUTP
Before Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1176        510.8
   lost to ATV IX only                 1176        510.8
   lost to all IX                      1176        510.8

 Potential Interfering Stations Included in above Scenario     5

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

After Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1178        550.6
   lost to ATV IX only                 1178        550.6
   lost to all IX                      1178        550.6

 Potential Interfering Stations Included in above Scenario     5

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:        6
Scenario        6  Affected station        6  KUTP
Before Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         368        200.8
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   lost to ATV IX only                  368        200.8
   lost to all IX                       368        200.8

 Potential Interfering Stations Included in above Scenario     6

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

After Analysis

Results for: 26A AZ PHOENIX              BPCDT     19990809LC   CP
   HAAT  517.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2239117      39885.6
   not affected by terrain losses   2226690      32382.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         370        240.5
   lost to ATV IX only                  370        240.5
   lost to all IX                       370        240.5

 Potential Interfering Stations Included in above Scenario     6

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
27A AZ PHOENIX              USERRECORD01           APP

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     Analysis of Interference to Affected Station   7


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   26      KUTP-DT    PHOENIX AZ               DTVPLN    -DTVP0629

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 25   KUSK-DT  PRESCOTT AZ              150.6  PLN    DTVPLN    -DTVP0591
 25   KMSB-DT  TUCSON AZ                161.6  PLN    DTVPLN    -DTVP0592
 25   KMSB-TV  TUCSON AZ                161.8  LIC    BLCDT     -20050623ABE
 26   960920WU BRAWLEY CA               259.4  APP    BPET      -19960920WU
 27   KKTM-DT  FLAGSTAFF AZ             188.6  PLN    DTVPLN    -DTVP0664
 27   KUAS-TV  TUCSON AZ                158.6  LIC    BLET      -20030103AAV
 27   KAZT-CA  PHOENIX AZ                 0.2  APP    USERRECORD-01

 Total scenarios =   6


Result key:        7
Scenario        1  Affected station        7  KUTP-DT
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
Before Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        8582        287.2
   lost to ATV IX only                 8582        287.2
   lost to all IX                      8582        287.2

 Potential Interfering Stations Included in above Scenario     1

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN

After Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       10297        432.4
   lost to ATV IX only                10297        432.4
   lost to all IX                     10297        432.4

 Potential Interfering Stations Included in above Scenario     1

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:        8
Scenario        2  Affected station        7  KUTP-DT
Before Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1641         45.7
   lost to ATV IX only                 1641         45.7
   lost to all IX                      1641         45.7

 Potential Interfering Stations Included in above Scenario     2

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
After Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        3356        192.8
   lost to ATV IX only                 3356        192.8
   lost to all IX                      3356        192.8

 Potential Interfering Stations Included in above Scenario     2

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:        9
Scenario        3  Affected station        7  KUTP-DT
Before Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                      729        389.6
   lost to additional IX by ATV        8403        279.3
   lost to ATV IX only                 8582        287.2
   lost to all IX                      9132        668.9

 Potential Interfering Stations Included in above Scenario     3

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN

After Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                      729        389.6
   lost to additional IX by ATV       10118        423.4
   lost to ATV IX only                10297        432.4
   lost to all IX                     10847        813.0

 Potential Interfering Stations Included in above Scenario     3

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       10
Scenario        4  Affected station        7  KUTP-DT
Before Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                      729        389.6
   lost to additional IX by ATV        1641         44.7
   lost to ATV IX only                 1641         45.7
   lost to all IX                      2370        434.3

 Potential Interfering Stations Included in above Scenario     4

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC

After Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                      729        389.6
   lost to additional IX by ATV        3356        190.8
   lost to ATV IX only                 3356        192.8
   lost to all IX                      4085        580.5

 Potential Interfering Stations Included in above Scenario     4

26N CA BRAWLEY              BPET      19960920WU   APP
25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       11
Scenario        5  Affected station        7  KUTP-DT
Before Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        8582        287.2
   lost to ATV IX only                 8582        287.2
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
   lost to all IX                       8582        287.2

 Potential Interfering Stations Included in above Scenario     5

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN

After Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       10297        432.4
   lost to ATV IX only                10297        432.4
   lost to all IX                     10297        432.4

 Potential Interfering Stations Included in above Scenario     5

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       12
Scenario        6  Affected station        7  KUTP-DT
Before Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1641         45.7
   lost to ATV IX only                 1641         45.7
   lost to all IX                      1641         45.7

 Potential Interfering Stations Included in above Scenario     6

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC

After Analysis

Results for: 26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
   HAAT  545.0 m, ATV ERP   64.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     2223174      28032.9
   not affected by terrain losses   2218882      22994.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        3356        192.8
   lost to ATV IX only                 3356        192.8
```

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   lost to all IX                        3356        192.8

 Potential Interfering Stations Included in above Scenario     6

25A AZ PRESCOTT             DTVPLN    DTVP0591     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ PHOENIX              USERRECORD01           APP

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     Analysis of Interference to Affected Station   8


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   27      K27DA      BIG SANDY VALLEY AZ       BLTT      -19900523IG

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 19   KMOH-DT  KINGMAN AZ                44.8  PLN    DTVPLN    -DTVP0337
 24   KVVU-DT  HENDERSON NV             142.4  PLN    DTVPLN    -DTVP0578
 27   KKTM-DT  FLAGSTAFF AZ             216.6  PLN    DTVPLN    -DTVP0664
 27   K27EC    LAKE HAVASU CITY AZ       71.9  LIC    BLTTL     -19951128JD
 27   KAZT-CA  PHOENIX AZ               258.8  CP     BPTTA     -20060206ACD
 27   K27IJ    TACNA AZ                 154.3  CP     BNPTTL    -20000831BLZ
 27   NEW      YUMA AZ                  244.7  APP    BNPTTL    -20000831BMB
 27   NEW      BOULDER CITY NV          129.6  ADD    BPRM      -19960725AAI
 27   KELV-LP  LAS VEGAS NV             142.4  LIC    BLTT      -19990225JE
 27   KELV-LP  LAS VEGAS NV             142.4  APP    BSTA      -20060531AHF
 28   NEW      KINGMAN AZ                18.0  APP    BNPTTL    -20000831BZS
 28   NEW      KINGMAN AZ                17.4  APP    BNPTTL    -20000828BIO
 29   KVCW     LAS VEGAS NV             142.5  LIC    BLCDT     -20070109AAW
 29   KFBT-DT  LAS VEGAS NV             140.1  PLN    DTVPLN    -DTVP0755
 27   KAZT-CA  PHOENIX AZ               258.8  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.
   27      K27EJ      COLORADO CITY AZ          BLTT      -19931222IF

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 27   KKTM-DT  FLAGSTAFF AZ             255.1  PLN    DTVPLN    -DTVP0664
 27   KAZT-CA  PHOENIX AZ               406.4  CP     BPTTA     -20060206ACD
 27   NEW      BOULDER CITY NV          191.4  ADD    BPRM      -19960725AAI
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

27	KELV-LP	LAS VEGAS NV	202.6	LIC	BLTT	-19990225JE
27	KELV-LP	LAS VEGAS NV	202.5	APP	BSTA	-20060531AHF
27	NEW	KANAB UT	48.7	APP	BSFDTT	-20060630BHP
27	NEW	ST. GEORGE UT	50.7	APP	BNPTTL	-20000831EDX
27	K27JE-D	TOQUERVILLE & LEEDS UT	48.0	CP	BDCCDTT	-20061024AAK
27	K27ID	TROPIC & CANNONVILLE UT	123.3	LIC	BLTT	-20060905AAF
27	KAZT-CA	PHOENIX AZ	406.4	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 10

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	KKTM-DT	FLAGSTAFF AZ	DTVPLN	-DTVP0664

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KUTP-DT	PHOENIX AZ	188.6	PLN	DTVPLN	-DTVP0629
27	KUASTV	TUCSON AZ	309.5	PLN	DTVPLN	-NPLN1296

Results for: 27A AZ FLAGSTAFF DTVPLN DTVP0664 PLN
HAAT 474.0 m, ATV ERP 655.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	193127	35894.2
not affected by terrain losses	146401	30075.7
lost to NTSC IX	0	7.0
lost to additional IX by ATV	0	7.0
lost to ATV IX only	0	8.0
lost to all IX	0	14.0

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
13	KKTM	FLAGSTAFF AZ	DTVPLN	-NPLN0814

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KPNX	MESA AZ	188.7	PLN	DTVPLN	-NPLN0753
13	KOLDTV	TUCSON AZ	304.4	PLN	DTVPLN	-NPLN0815
13	KSWT	YUMA AZ	372.4	PLN	DTVPLN	-NPLN0816
13	KTNV	LAS VEGAS NV	337.9	PLN	DTVPLN	-NPLN0852

Results for: 13N AZ FLAGSTAFF DTVPLN NPLN0814 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	193127	35895.3
not affected by terrain losses	129175	28182.9
lost to NTSC IX	1247	849.5

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
   lost to additional IX by ATV           0          0.0
   lost to all IX                      1247        849.5

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   27      KKTM-DT    FLAGSTAFF AZ              DTVPLN    -DTVP0664

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 26   KUTP     PHOENIX AZ               188.6  CP     BPCDT     -19990809LC
 26   KUTP-DT  PHOENIX AZ               188.6  PLN    DTVPLN    -DTVP0629
 27   KUAS-TV  TUCSON AZ                309.5  LIC    BLET      -20030103AAV
 27   NEW      BOULDER CITY NV          321.7  ADD    BPRM      -19960725AAI
 27   KAZT-CA  PHOENIX AZ               188.6  APP    USERRECORD-01

 Total scenarios =   1


Result key:       13
Scenario        1  Affected station       10  KKTM-DT
Before Analysis

Results for: 27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
   HAAT  474.0 m, ATV ERP  655.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      193127      35894.2
   not affected by terrain losses    146401      30075.7
   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: 27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN
   HAAT  474.0 m, ATV ERP  655.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      193127      35894.2
   not affected by terrain losses    146401      30075.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         177        282.8
   lost to ATV IX only                  177        282.8
   lost to all IX                       177        282.8

 Potential Interfering Stations Included in above Scenario     1

27A AZ PHOENIX              USERRECORD01           APP

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```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
     Analysis of Interference to Affected Station  11


Analysis of current record
Channel     Call          City/State        Application Ref. No.
   27      KFPH-TV    FLAGSTAFF AZ             BLCDT     -20060912ADD

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 26   KUTP     PHOENIX AZ               188.6  CP     BPCDT     -19990809LC
 26   KUTP-DT  PHOENIX AZ               188.6  PLN    DTVPLN    -DTVP0629
 27   KUAS-TV  TUCSON AZ                309.5  LIC    BLET      -20030103AAV
 27   NEW      BOULDER CITY NV          321.7  ADD    BPRM      -19960725AAI
 27   KAZT-CA  PHOENIX AZ               188.6  APP    USERRECORD-01

 Total scenarios =   1


Result key:       14
Scenario        1  Affected station       11  KFPH-TV
Before Analysis

Results for: 27A AZ FLAGSTAFF            BLCDT     20060912ADD  LIC
   HAAT  459.0 m, ATV ERP  240.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      171005      22211.7
   not affected by terrain losses    118126      17554.5
   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: 27A AZ FLAGSTAFF            BLCDT     20060912ADD  LIC
   HAAT  459.0 m, ATV ERP  240.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      171005      22211.7
   not affected by terrain losses    118126      17554.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         297        186.1
   lost to ATV IX only                  297        186.1
   lost to all IX                       297        186.1

 Potential Interfering Stations Included in above Scenario     1

27A AZ PHOENIX              USERRECORD01           APP

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```

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	K59CI	GLOBE/MIAMI AZ	BDISDTT	-20060320ADL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KUTP	PHOENIX AZ	110.3	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	110.3	PLN	DTVPLN	-DTVP0629
27	KKTM-DT	FLAGSTAFF AZ	190.3	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	110.5	CP	BPTTA	-20060206ACD
27	KUAS-TV	TUCSON AZ	125.6	LIC	BLET	-20030103AAV
28	KUAS-TV	TUCSON AZ	125.6	LIC	BLEDT	-20030115ABS
28	KUAS-DT	TUCSON AZ	125.6	PLN	DTVPLN	-DTVP0701
27	KAZT-CA	PHOENIX AZ	110.5	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	K27EC	LAKE HAVASU CITY AZ	BDFCDTA	-20060331AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	K27DA	BIG SANDY VALLEY AZ	71.9	LIC	BLTT	-19900523IG
27	KKTM-DT	FLAGSTAFF AZ	264.4	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	255.4	CP	BPTTA	-20060206ACD
27	K27IJ	TACNA AZ	113.1	CP	BNPTTL	-20000831BLZ
27	K27DS	YUCCA VALLEY CA	232.8	LIC	BLTT	-19920813JD
27	NEW	BOULDER CITY NV	158.6	ADD	BPRM	-19960725AAI
27	KELV-LP	LAS VEGAS NV	166.4	LIC	BLTT	-19990225JE
27	KELV-LP	LAS VEGAS NV	166.5	APP	BSTA	-20060531AHF
27	KAZT-CA	PHOENIX AZ	255.4	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.

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
   27      K27EC      LAKE HAVASU CITY AZ       BLTTL     -19951128JD

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 19   KMOH-DT  KINGMAN AZ               47.7  PLN    DTVPLN     -DTVP0337
 27   K27DA    BIG SANDY VALLEY AZ      71.9  LIC    BLTT       -19900523IG
 27   KKTM-DT  FLAGSTAFF AZ            264.4  PLN    DTVPLN     -DTVP0664
 27   KAZT-CA  PHOENIX AZ              255.4  CP     BPTTA      -20060206ACD
 27   K27IJ    TACNA AZ                113.1  CP     BNPTTL     -20000831BLZ
 27   NEW      YUMA AZ                 177.4  APP    BNPTTL     -20000831BMB
 27   NEW      BANNING CA              239.2  APP    BNPTTL     -20000831BCJ
 27   K27DS    YUCCA VALLEY CA         232.8  LIC    BLTT       -19920813JD
 27   NEW      BOULDER CITY NV         158.6  ADD    BPRM       -19960725AAI
 27   KELV-LP  LAS VEGAS NV            166.4  LIC    BLTT       -19990225JE
 27   KELV-LP  LAS VEGAS NV            166.5  APP    BSTA       -20060531AHF
 28   NEW      PARKER AZ                37.4  APP    BNPTTL     -20000831AQW
 28   NEW      NEEDLES CA               24.7  APP    BNPTTL     -20000828ARP
 28   NEW      NEEDLES CA               24.7  APP    BNPTTL     -20000828AMV
 27   KAZT-CA  PHOENIX AZ              255.4  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.
   27      K27IJ      TACNA AZ                  BNPTTL    -20000831BLZ

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 24   NEW      YUMA AZ                 129.5  ADD    BPRM       -20020408ABP
 26   960920WU BRAWLEY CA              125.2  APP    BPET       -19960920WU
 27   K27DA    BIG SANDY VALLEY AZ     154.3  LIC    BLTT       -19900523IG
 27   KKTM-DT  FLAGSTAFF AZ            247.4  PLN    DTVPLN     -DTVP0664
 27   K27EC    LAKE HAVASU CITY AZ     113.1  LIC    BLTTL      -19951128JD
 27   KAZT-CA  PHOENIX AZ              162.1  CP     BPTTA      -20060206ACD
 27   KUAS-TV  TUCSON AZ               305.8  LIC    BLET       -20030103AAV
 27   NEW      YUMA AZ                 125.2  APP    BNPTTL     -20000831BMB
 27   NEW      EL CENTRO CA            197.2  APP    BNPTTL     -20000818ACS
 27   NEW      BOULDER CITY NV         269.4  ADD    BPRM       -19960725AAI
 27   KELV-LP  LAS VEGAS NV            278.4  APP    BSTA       -20060531AHF
 41   KYMA-DT  YUMA AZ                 125.2  PLN    DTVPLN     -DTVP1150
 42   NEW      QUARTZSITE AZ            58.3  APP    BNPTTL     -20000831ART
 27   KAZT-CA  PHOENIX AZ              162.1  APP    USERRECORD-01
 Proposal causes no interference

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Station KAZT-CA • Flash-Cut Application for D27 • Phoenix, Arizona

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

Analysis of Interference to Affected Station 16

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	KUASTV	TUCSON AZ	DTVPLN	-NPLN1296

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTTU-DT	TUCSON AZ	11.0	PLN	DTVPLN	-DTVP0338
23	KVOA-DT	TUCSON AZ	35.4	PLN	DTVPLN	-DTVP0511
25	KMSB-DT	TUCSON AZ	35.1	PLN	DTVPLN	-DTVP0592
26	KUTP-DT	PHOENIX AZ	158.6	PLN	DTVPLN	-DTVP0629
27	KKTM-DT	FLAGSTAFF AZ	309.5	PLN	DTVPLN	-DTVP0664
28	KUAS-DT	TUCSON AZ	0.0	PLN	DTVPLN	-DTVP0701
30	KUAT-DT	TUCSON AZ	35.3	PLN	DTVPLN	-DTVP0776
35	KGUN-DT	TUCSON AZ	35.1	PLN	DTVPLN	-DTVP0963
42	KHRR-DT	TUCSON AZ	11.0	PLN	DTVPLN	-DTVP1182

Results for: 27N AZ TUCSON DTVPLN NPLN1296 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	631803	4018.8
not affected by terrain losses	619031	3093.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	936	38.2
lost to all IX	936	38.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KUAS-TV	TUCSON AZ	BLET	-20030103AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTTU-TV	TUCSON AZ	35.4	LIC	BLCDT	-20030926ANZ
19	KTTU-DT	TUCSON AZ	11.0	PLN	DTVPLN	-DTVP0338
23	KVOA-DT	TUCSON AZ	35.4	PLN	DTVPLN	-DTVP0511
23	KVOA	TUCSON AZ	35.4	CP MOD	BMPCDT	-20031010ADG
25	KMSB-DT	TUCSON AZ	35.1	PLN	DTVPLN	-DTVP0592
25	KMSB-TV	TUCSON AZ	35.4	LIC	BLCDT	-20050623ABE
26	KUTP	PHOENIX AZ	158.6	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	158.6	PLN	DTVPLN	-DTVP0629
27	KKTM-DT	FLAGSTAFF AZ	309.5	PLN	DTVPLN	-DTVP0664
28	KUAS-TV	TUCSON AZ	0.0	LIC	BLEDT	-20030115ABS
28	KUAS-DT	TUCSON AZ	0.0	PLN	DTVPLN	-DTVP0701
30	KUAT-TV	TUCSON AZ	35.3	LIC	BLEDT	-20040727ABR
30	KUAT-DT	TUCSON AZ	35.3	PLN	DTVPLN	-DTVP0776
35	KGUN	TUCSON AZ	35.1	LIC	BLCDT	-20050802AAW
35	KGUN-DT	TUCSON AZ	35.1	PLN	DTVPLN	-DTVP0963
42	KHRR	TUCSON AZ	11.0	LIC	BLCDT	-20060711ABJ
42	KHRR-DT	TUCSON AZ	11.0	PLN	DTVPLN	-DTVP1182
27	KAZT-CA	PHOENIX AZ	158.8	APP	USERRECORD	-01

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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 Total scenarios =   4


Result key:       15
Scenario        1  Affected station       16  KUAS-TV
Before Analysis

Results for: 27N AZ TUCSON               BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         32.4
   lost to all IX                      1188         32.4

 Potential Interfering Stations Included in above Scenario     1

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN

After Analysis

Results for: 27N AZ TUCSON               BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         42.2
   lost to all IX                      1188         42.2

 Potential Interfering Stations Included in above Scenario     1

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       16
Scenario        2  Affected station       16  KUAS-TV
Before Analysis

Results for: 27N AZ TUCSON               BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         23.5
   lost to all IX                      1188         23.5

 Potential Interfering Stations Included in above Scenario     2

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC

After Analysis
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tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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Results for: 27N AZ TUCSON              BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         36.3
   lost to all IX                      1188         36.3

 Potential Interfering Stations Included in above Scenario     2

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       17
Scenario        3  Affected station       16  KUAS-TV
Before Analysis

Results for: 27N AZ TUCSON              BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         32.4
   lost to all IX                      1188         32.4

 Potential Interfering Stations Included in above Scenario     3

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN

After Analysis

Results for: 27N AZ TUCSON              BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         42.2
   lost to all IX                      1188         42.2

 Potential Interfering Stations Included in above Scenario     3

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               DTVPLN    DTVP0592     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       18
Scenario        4  Affected station       16  KUAS-TV
Before Analysis

Results for: 27N AZ TUCSON              BLET      20030103AAV  LIC
                                 POPULATION   AREA (sq km)
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   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         23.5
   lost to all IX                      1188         23.5

 Potential Interfering Stations Included in above Scenario     4

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC

After Analysis

Results for: 27N AZ TUCSON               BLET      20030103AAV  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      635197       4124.5
   not affected by terrain losses    625747       3501.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1188         36.3
   lost to all IX                      1188         36.3

 Potential Interfering Stations Included in above Scenario     4

19A AZ TUCSON               DTVPLN    DTVP0338     PLN
25A AZ TUCSON               BLCDT     20050623ABE  LIC
27A AZ PHOENIX              USERRECORD01           APP

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     Analysis of Interference to Affected Station  17


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   27      NEW        YUMA AZ                    BNPTTL    -20000831BMB

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 24   NEW       YUMA AZ                 62.6  ADD    BPRM      -20020408ABP
 26   960920WU  BRAWLEY CA               0.0  APP    BPET      -19960920WU
 27   KKTM-DT   FLAGSTAFF AZ           372.6  PLN    DTVPLN    -DTVP0664
 27   K27EC     LAKE HAVASU CITY AZ     177.4  LIC    BLTTL     -19951128JD
 27   KAZT-CA   PHOENIX AZ              259.2  CP     BPTTA     -20060206ACD
 27   K27IJ     TACNA AZ                125.2  CP     BNPTTL    -20000831BLZ
 27   KUAS-TV   TUCSON AZ               369.6  LIC    BLET      -20030103AAV
 27   NEW       BRAWLEY CA               68.3  APP    BNPTTL    -20000828ALJ
 27   NEW       BRAWLEY CA               68.3  APP    BNPTTL    -20000828ARI
 27   NEW       EL CENTRO CA             73.4  APP    BNPTTL    -20000818ACS
 27   K27DS     YUCCA VALLEY CA         214.0  LIC    BLTT      -19920813JD
 27   NEW       BOULDER CITY NV         325.2  ADD    BPRM      -19960725AAI
 41   KYMA-DT   YUMA AZ                   0.0  PLN    DTVPLN    -DTVP1150
 42   NEW       QUARTZSITE AZ            72.8  APP    BNPTTL    -20000831ART
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 27   KAZT-CA  PHOENIX AZ               259.2  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.
   27      NEW        BRAWLEY CA               BNPTTL    -20000828ALJ

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 19   KSWB-TV  SAN DIEGO CA             132.6  LIC    BLCDT     -20040722AAO
 19   KSWB-DT  SAN DIEGO CA             132.6  PLN    DTVPLN    -DTVP0339
 23   KVMD-DT  TWENTYNINE PALMS CA      143.5  PLN    DTVPLN    -DTVP0514
 24   NEW      YUMA AZ                  119.1  ADD    BPRM      -20020408ABP
 26   NEW      BRAWLEY CA                 5.8  APP    BNPTTL    -20000810AAP
 26   960920WU BRAWLEY CA                68.3  APP    BPET      -19960920WU
 27   KAZT-CA  PHOENIX AZ               327.5  CP     BPTTA     -20060206ACD
 27   K27IJ    TACNA AZ                 187.4  CP     BNPTTL    -20000831BLZ
 27   NEW      YUMA AZ                   68.3  APP    BNPTTL    -20000831BMB
 27   NEW      BRAWLEY CA                 0.0  APP    BNPTTL    -20000828ARI
 27   NEW      EL CENTRO CA              20.7  APP    BNPTTL    -20000818ACS
 27   K27DS    YUCCA VALLEY CA          165.6  LIC    BLTT      -19920813JD
 27   NEW      BOULDER CITY NV          339.8  ADD    BPRM      -19960725AAI
 28   NEW      EL CENTRO CA              21.1  APP    BNPTTL    -20000830BBK
 30   KPBS     SAN DIEGO CA             132.5  LIC    BLEDT     -20011203CEP
 30   KPBS-DT  SAN DIEGO CA             132.6  PLN    DTVPLN    -DTVP0777
 41   KYMA-DT  YUMA AZ                   68.3  PLN    DTVPLN    -DTVP1150
 42   KESQ     PALM SPRINGS CA          127.9  APP    BPRM      -20060426AAX
 42   KESQ-TV  PALM SPRINGS CA          127.9  LIC    BLCT      -20050727AHL
 27   KAZT-CA  PHOENIX AZ               327.5  APP    USERRECORD-01

 Proposed station is beyond the site to
 nearest cell evaluation distance

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     Analysis of Interference to Affected Station  19


Analysis of current record
Channel     Call          City/State        Application Ref. No.
   27      NEW        BRAWLEY CA               BNPTTL    -20000828ARI

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 19   KSWB-TV  SAN DIEGO CA             132.6  LIC    BLCDT     -20040722AAO
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tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

19	KSWB-DT	SAN DIEGO CA	132.6	PLN	DTVPLN	-DTVP0339
23	KVMD-DT	TWENTYNINE PALMS CA	143.5	PLN	DTVPLN	-DTVP0514
24	NEW	YUMA AZ	119.1	ADD	BPRM	-20020408ABP
26	NEW	BRAWLEY CA	5.8	APP	BNPTTL	-20000810AAP
26	960920WU	BRAWLEY CA	68.3	APP	BPET	-19960920WU
27	KAZT-CA	PHOENIX AZ	327.5	CP	BPTTA	-20060206ACD
27	K27IJ	TACNA AZ	187.4	CP	BNPTTL	-20000831BLZ
27	NEW	YUMA AZ	68.3	APP	BNPTTL	-20000831BMB
27	NEW	BRAWLEY CA	0.0	APP	BNPTTL	-20000828ALJ
27	NEW	EL CENTRO CA	20.7	APP	BNPTTL	-20000818ACS
27	K27DS	YUCCA VALLEY CA	165.6	LIC	BLTT	-19920813JD
27	NEW	BOULDER CITY NV	339.8	ADD	BPRM	-19960725AAI
28	NEW	EL CENTRO CA	21.1	APP	BNPTTL	-20000830BBK
30	KPBS	SAN DIEGO CA	132.5	LIC	BLEDT	-20011203CEP
30	KPBS-DT	SAN DIEGO CA	132.6	PLN	DTVPLN	-DTVP0777
41	KYMA-DT	YUMA AZ	68.3	PLN	DTVPLN	-DTVP1150
42	KESQ	PALM SPRINGS CA	127.9	APP	BPRM	-20060426AAX
42	KESQ-TV	PALM SPRINGS CA	127.9	LIC	BLCT	-20050727AHL
27	KAZT-CA	PHOENIX AZ	327.5	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	NEW	EL CENTRO CA	BNPTTL -20000818ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KSWB-TV	SAN DIEGO CA	129.9	LIC	BLCDT -20040722AAO
19	KSWB-DT	SAN DIEGO CA	129.9	PLN	DTVPLN -DTVP0339
24	NEW	YUMA AZ	114.5	ADD	BPRM -20020408ABP
26	NEW	BRAWLEY CA	18.4	APP	BNPTTL -20000810AAP
26	960920WU	BRAWLEY CA	73.4	APP	BPET -19960920WU
26	NEW	EL CENTRO CA	4.5	APP	BNPTTL -20000830ALZ
27	KAZT-CA	PHOENIX AZ	330.5	CP	BPTTA -20060206ACD
27	K27IJ	TACNA AZ	197.2	CP	BNPTTL -20000831BLZ
27	NEW	YUMA AZ	73.4	APP	BNPTTL -20000831BMB
27	NEW	BANNING CA	188.2	APP	BNPTTL -20000831BCJ
27	NEW	BRAWLEY CA	20.7	APP	BNPTTL -20000828ALJ
27	NEW	BRAWLEY CA	20.7	APP	BNPTTL -20000828ARI
27	KNLA-LP	LOS ANGELES CA	281.1	CP	BPTTL -20031219AUA
27	K27DS	YUCCA VALLEY CA	181.3	LIC	BLTT -19920813JD
27	NEW	BOULDER CITY NV	360.0	ADD	BPRM -19960725AAI
28	NEW	EL CENTRO CA	4.9	APP	BNPTTL -20000830BBK
30	KPBS	SAN DIEGO CA	129.8	LIC	BLEDT -20011203CEP
30	KPBS-DT	SAN DIEGO CA	129.9	PLN	DTVPLN -DTVP0777

41	KYMA-DT	YUMA AZ	73.4	PLN	DTVPLN	-DTVP1150
42	KESQ	PALM SPRINGS CA	144.7	APP	BPRM	-20060426AAX
42	KESQ-TV	PALM SPRINGS CA	144.7	LIC	BLCT	-20050727AHL
27	KAZT-CA	PHOENIX AZ	330.5	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	K27FN	LORDSBURG NM	BLTT	-19990629JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KKTM-DT	FLAGSTAFF AZ	389.6	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	328.9	CP	BPTTA	-20060206ACD
27	KUAS-TV	TUCSON AZ	211.8	LIC	BLET	-20030103AAV
27	KASA-TV	SANTA FE NM	386.1	LIC	BLCDT	-20030624AAM
27	KASA-DT	SANTA FE NM	386.2	PLN	DTVPLN	-DTVP0679
27	KAZT-CA	PHOENIX AZ	328.9	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	NEW	BOULDER CITY NV	BPRM	-19960725AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KMOH-DT	KINGMAN AZ	113.5	PLN	DTVPLN	-DTVP0337
24	KVVU-DT	HENDERSON NV	15.5	PLN	DTVPLN	-DTVP0578
27	KKTM-DT	FLAGSTAFF AZ	321.7	PLN	DTVPLN	-DTVP0664
29	KVCW	LAS VEGAS NV	15.5	LIC	BLCDT	-20070109AAW
29	KFBT-DT	LAS VEGAS NV	18.7	PLN	DTVPLN	-DTVP0755
34	KMCC	LAUGHLIN NV	91.8	LIC	BLCT	-20030821AIR
34	KMCC	LAUGHLIN NV	91.8	APP	BSTA	-20060301AAU
27	KAZT-CA	PHOENIX AZ	388.4	APP	USERRECORD	-01

Proposal causes no interference

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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     Analysis of Interference to Affected Station  23


Analysis of current record
Channel     Call          City/State        Application Ref. No.
   27      KELV-LP    LAS VEGAS NV             BLTT      -19990225JE

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 19   KMOH-DT  KINGMAN AZ               122.9  PLN    DTVPLN     -DTVP0337
 24   KVVU-DT  HENDERSON NV               0.0  PLN    DTVPLN     -DTVP0578
 27   K27DA    BIG SANDY VALLEY AZ       142.4  LIC    BLTT       -19900523IG
 27   KKTM-DT  FLAGSTAFF AZ              337.0  PLN    DTVPLN     -DTVP0664
 27   K27EC    LAKE HAVASU CITY AZ       166.4  LIC    BLTTL      -19951128JD
 27   KAZT-CA  PHOENIX AZ                400.9  CP     BPTTA      -20060206ACD
 27   NEW      BANNING CA                276.0  APP    BNPTTL     -20000831BCJ
 27   KNLA-LP  LOS ANGELES CA            341.9  CP     BPTTL      -20031219AUA
 27   K27DS    YUCCA VALLEY CA           273.8  LIC    BLTT       -19920813JD
 27   NEW      BOULDER CITY NV            15.5  ADD    BPRM       -19960725AAI
 27   NEW      GLENDALE NV                87.1  APP    BDCCDTT    -20070330AQW
 28   KVPX-LP  LAS VEGAS NV               0.2  LIC    BLTTL      -20060619ABZ
 29   KVCW     LAS VEGAS NV               0.1  LIC    BLCDT      -20070109AAW
 29   KFBT-DT  LAS VEGAS NV               7.6  PLN    DTVPLN     -DTVP0755
 42   K42AA    PAHRUMP NV                44.7  LIC    BLTT       -1944
 27   KAZT-CA  PHOENIX AZ                400.9  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.
   27      KELV-LP    LAS VEGAS NV             BSTA      -20060531AHF

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 19   KMOH-DT  KINGMAN AZ               122.9  PLN    DTVPLN     -DTVP0337
 24   KVVU-DT  HENDERSON NV               0.1  PLN    DTVPLN     -DTVP0578
 26   K67HO    LAUGHLIN NV               87.6  CP     BDISTTL    -20060210ABE
 27   K27DA    BIG SANDY VALLEY AZ       142.4  LIC    BLTT       -19900523IG
 27   KKTM-DT  FLAGSTAFF AZ              337.0  PLN    DTVPLN     -DTVP0664
 27   K27EC    LAKE HAVASU CITY AZ       166.5  LIC    BLTTL      -19951128JD
 27   KAZT-CA  PHOENIX AZ                401.0  CP     BPTTA      -20060206ACD
 27   NEW      BANNING CA                276.1  APP    BNPTTL     -20000831BCJ
 27   KNLA-LP  LOS ANGELES CA            342.0  CP     BPTTL      -20031219AUA
 27   K27DS    YUCCA VALLEY CA           273.9  LIC    BLTT       -19920813JD
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tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

27	NEW	BOULDER CITY NV	15.4	ADD	BPRM	-19960725AAI
27	NEW	GLENDALE NV	86.9	APP	BDCCDTT	-20070330AQW
28	KVPX-LP	LAS VEGAS NV	0.2	LIC	BLTTL	-20060619ABZ
29	KVCW	LAS VEGAS NV	0.1	LIC	BLCDT	-20070109AAW
29	KFBT-DT	LAS VEGAS NV	7.7	PLN	DTVPLN	-DTVP0755
42	K42AA	PAHRUMP NV	44.8	LIC	BLTT	-1944
27	KAZT-CA	PHOENIX AZ	401.0	APP	USERRECORD	-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 25

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-DT	PHOENIX AZ	59.2	PLN	DTVPLN -DTVP0388
20	KPAZ-TV	PHOENIX AZ	59.3	CP	BPCDT -19990414KH
21	KPAZ-TV	PHOENIX AZ	59.2	LIC	BLCT -19930715KF
24	KTVK-DT	PHOENIX AZ	59.2	PLN	DTVPLN -DTVP0556
25	KMSB-DT	TUCSON AZ	108.8	PLN	DTVPLN -DTVP0592
25	KMSB-TV	TUCSON AZ	109.0	LIC	BLCDT -20050623ABE
26	KUTP	PHOENIX AZ	59.1	CP	BPCDT -19990809LC
26	KUTP-DT	PHOENIX AZ	59.1	PLN	DTVPLN -DTVP0629
27	KAZT-CA	PHOENIX AZ	59.2	CP	BPTTA -20060206ACD
27	KUAS-TV	TUCSON AZ	100.6	LIC	BLET -20030103AAV
28	KCOS-LP	PHOENIX AZ	69.8	LIC	BLTTL -19990325JD
28	KQBN-LP	PRESCOTT AZ	108.3	CP	BPTTL -20040712AAP
28	KUAS-TV	TUCSON AZ	100.6	LIC	BLEDT -20030115ABS
28	KUAS-DT	TUCSON AZ	100.6	PLN	DTVPLN -DTVP0701
29	KAET	PHOENIX AZ	59.3	LIC	BLEDT -20020405ABD
29	KAET-DT	PHOENIX AZ	59.3	PLN	DTVPLN -DTVP0736
30	KUAT-TV	TUCSON AZ	109.0	LIC	BLEDT -20040727ABR
30	KUAT-DT	TUCSON AZ	108.9	PLN	DTVPLN -DTVP0776
31	KSAZ-DT	PHOENIX AZ	59.3	PLN	DTVPLN -DTVP0812
32	KOLD-TV	TUCSON AZ	109.0	LIC	BLCDT -20030911AAI
32	KOLD-DT	TUCSON AZ	90.9	PLN	DTVPLN -DTVP0853
35	KGUN	TUCSON AZ	108.8	LIC	BLCDT -20050802AAW
35	KGUN-DT	TUCSON AZ	108.8	PLN	DTVPLN -DTVP0963
36	KPNX-DT	MESA AZ	59.3	PLN	DTVPLN -DTVP1002
42	KHRR	TUCSON AZ	90.9	LIC	BLCDT -20060711ABJ
42	KHRR-DT	TUCSON AZ	90.9	PLN	DTVPLN -DTVP1182
43	K43CO	CASA GRANDE AZ	15.8	LIC	BLTT -19940105IB
43	960710LC	COOLIDGE AZ	15.8	APP	BPET -19960710LC
43	960709KP	COOLIDGE AZ	16.0	APP	BPET -19960709KP
27	KAZT-CA	PHOENIX AZ	59.2	APP	USERRECORD -01

Proposal causes no interference

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

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     Analysis of Interference to Affected Station  26


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-DT  PHOENIX AZ               42.9  PLN    DTVPLN    -DTVP0388
 20   KPAZ-TV  PHOENIX AZ               42.9  CP     BPCDT     -19990414KH
 21   KPAZ-TV  PHOENIX AZ               42.9  LIC    BLCT      -19930715KF
 24   KTVK-DT  PHOENIX AZ               43.0  PLN    DTVPLN    -DTVP0556
 25   KUSK-DT  PRESCOTT AZ             139.7  PLN    DTVPLN    -DTVP0591
 26   KUTP     PHOENIX AZ               42.7  CP     BPCDT     -19990809LC
 26   KUTP-DT  PHOENIX AZ               42.7  PLN    DTVPLN    -DTVP0629
 27   KAZT-CA  PHOENIX AZ               42.9  CP     BPTTA     -20060206ACD
 28   KCAB-LP  CASA GRANDE AZ           69.8  LIC    BLTTL     -20051007ABP
 28   NEW      PARKER AZ               250.0  APP    BNPTTL    -20000831AQW
 28   KQBN-LP  PRESCOTT AZ              85.4  CP     BPTTL     -20040712AAP
 28   KUAS-TV  TUCSON AZ               154.1  LIC    BLEDT     -20030115ABS
 28   KUAS-DT  TUCSON AZ               154.1  PLN    DTVPLN    -DTVP0701
 29   KAET     PHOENIX AZ               43.1  LIC    BLEDT     -20020405ABD
 29   KAET-DT  PHOENIX AZ               43.1  PLN    DTVPLN    -DTVP0736
 31   KSAZ-DT  PHOENIX AZ               42.9  PLN    DTVPLN    -DTVP0812
 36   KPNX-DT  MESA AZ                  43.1  PLN    DTVPLN    -DTVP1002
 43   K43CO    CASA GRANDE AZ           54.9  LIC    BLTT      -19940105IB
 43   960710LC COOLIDGE AZ              54.9  APP    BPET      -19960710LC
 43   960709KP COOLIDGE AZ              54.7  APP    BPET      -19960709KP
 43   KEJR-LP  PHOENIX AZ               43.0  LIC    BLTT      -20051020AFW
 27   KAZT-CA  PHOENIX AZ               42.9  APP    USERRECORD-01

 Total scenarios =   8


Result key:       19
Scenario        1  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX              BLTTL     19990325JD   LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   236882        289.1
   lost to additional IX by ATV        2587         14.9
   lost to all IX                    239469        304.0

 Potential Interfering Stations Included in above Scenario     1

21N AZ PHOENIX              BLCT      19930715KF   LIC
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                    14766         20.9
   lost to additional IX by ATV       61980        108.3
   lost to all IX                     76746        129.1

 Potential Interfering Stations Included in above Scenario     1

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       20
Scenario        2  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   236882        289.1
   lost to additional IX by ATV         121          6.0
   lost to all IX                    237003        295.0

 Potential Interfering Stations Included in above Scenario     2

21N AZ PHOENIX              BLCT      19930715KF   LIC
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                    14766         20.9
   lost to additional IX by ATV       45593         75.5
   lost to all IX                     60359         96.4

 Potential Interfering Stations Included in above Scenario     2

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       21
Scenario        3  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX              BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   481484        706.3
   lost to additional IX by ATV         121          1.0
   lost to all IX                    481605        707.2

 Potential Interfering Stations Included in above Scenario     3

21N AZ PHOENIX              BLCT      19930715KF   LIC
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960710LC   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PHOENIX              BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   454073        651.6
   lost to additional IX by ATV       19082         36.8
   lost to all IX                    473155        688.4

 Potential Interfering Stations Included in above Scenario     3

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960710LC   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
```

```
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       22
Scenario        4  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   481484        706.3
   lost to additional IX by ATV         121          1.0
   lost to all IX                    481605        707.2

 Potential Interfering Stations Included in above Scenario     4

21N AZ PHOENIX              BLCT      19930715KF   LIC
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960710LC   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   454073        651.6
   lost to additional IX by ATV       17965         32.8
   lost to all IX                    472038        684.4

 Potential Interfering Stations Included in above Scenario     4

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960710LC   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       23
Scenario        5  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
                                POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   236882        289.1
   lost to additional IX by ATV        2587         14.9
   lost to all IX                    239469        304.0

 Potential Interfering Stations Included in above Scenario     5

21N AZ PHOENIX              BLCT      19930715KF   LIC
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960709KP   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                    14766         20.9
   lost to additional IX by ATV       61980        108.3
   lost to all IX                     76746        129.1

 Potential Interfering Stations Included in above Scenario     5

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960709KP   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       24
Scenario        6  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   236882        289.1
   lost to additional IX by ATV         121          6.0
   lost to all IX                    237003        295.0

 Potential Interfering Stations Included in above Scenario     6

21N AZ PHOENIX              BLCT      19930715KF   LIC
```

```
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960709KP   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                    14766         20.9
   lost to additional IX by ATV       45593         75.5
   lost to all IX                     60359         96.4

 Potential Interfering Stations Included in above Scenario     6

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ COOLIDGE             BPET      19960709KP   APP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       25
Scenario        7  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   236882        289.1
   lost to additional IX by ATV        2587         14.9
   lost to all IX                    239469        304.0

 Potential Interfering Stations Included in above Scenario     7

21N AZ PHOENIX              BLCT      19930715KF   LIC
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PHOENIX             BLTTL     19990325JD   LIC
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
                                POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                    14766         20.9
   lost to additional IX by ATV       61980        108.3
   lost to all IX                     76746        129.1

 Potential Interfering Stations Included in above Scenario     7

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       26
Scenario        8  Affected station       26  KCOS-LP
Before Analysis

Results for: 28N AZ PHOENIX              BLTTL     19990325JD   LIC
                                POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                   236882        289.1
   lost to additional IX by ATV         121          6.0
   lost to all IX                    237003        295.0

 Potential Interfering Stations Included in above Scenario     8

21N AZ PHOENIX              BLCT      19930715KF   LIC
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PHOENIX              BLTTL     19990325JD   LIC
                                POPULATION   AREA (sq km)
   within Noise Limited Contour      862946       1397.6
   not affected by terrain losses    825878       1372.8
   lost to NTSC IX                    14766         20.9
   lost to additional IX by ATV       45593         75.5
   lost to all IX                     60359         96.4

 Potential Interfering Stations Included in above Scenario     8

21N AZ PHOENIX              BLCT      19930715KF   LIC
28N AZ PRESCOTT             BPTTL     20040712AAP  CP
43N AZ PHOENIX              BLTT      20051020AFW  LIC
```

```
24A AZ PHOENIX              DTVPLN    DTVP0556     PLN
26A AZ PHOENIX              BPCDT     19990809LC   CP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

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     Analysis of Interference to Affected Station  27


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   28      KQBN-LP    PRESCOTT AZ               BPTTL     -20040712AAP

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 20   KPAZ-DT  PHOENIX AZ               52.9  PLN    DTVPLN    -DTVP0388
 20   KPAZ-TV  PHOENIX AZ               52.9  CP     BPCDT     -19990414KH
 21   KPAZ-TV  PHOENIX AZ               52.9  LIC    BLCT      -19930715KF
 24   KTVK-DT  PHOENIX AZ               52.9  PLN    DTVPLN    -DTVP0556
 25   KUSK-DT  PRESCOTT AZ             130.9  PLN    DTVPLN    -DTVP0591
 26   KUTP     PHOENIX AZ               53.2  CP     BPCDT     -19990809LC
 26   KUTP-DT  PHOENIX AZ               53.2  PLN    DTVPLN    -DTVP0629
 27   KAZT-CA  PHOENIX AZ               53.0  CP     BPTTA     -20060206ACD
 28   KCAB-LP  CASA GRANDE AZ          108.3  LIC    BLTTL     -20051007ABP
 28   NEW      KINGMAN AZ              226.6  APP    BNPTTL    -20000831BZS
 28   NEW      PARKER AZ               169.7  APP    BNPTTL    -20000831AQW
 28   KCOS-LP  PHOENIX AZ               85.4  LIC    BLTTL     -19990325JD
 28   KUAS-TV  TUCSON AZ               208.9  LIC    BLEDT     -20030115ABS
 28   KUAS-DT  TUCSON AZ               208.9  PLN    DTVPLN    -DTVP0701
 29   KAET     PHOENIX AZ               52.8  LIC    BLEDT     -20020405ABD
 29   KAET-DT  PHOENIX AZ               52.8  PLN    DTVPLN    -DTVP0736
 31   KSAZ-DT  PHOENIX AZ               52.9  PLN    DTVPLN    -DTVP0812
 36   KPNX-DT  MESA AZ                  52.8  PLN    DTVPLN    -DTVP1002
 43   960710LC COOLIDGE AZ             103.5  APP    BPET      -19960710LC
 43   960709KP COOLIDGE AZ             103.5  APP    BPET      -19960709KP
 43   KEJR-LP  PHOENIX AZ               52.9  LIC    BLTT      -20051020AFW
 27   KAZT-CA  PHOENIX AZ               53.0  APP    USERRECORD-01

 Total scenarios =   6


Result key:       27
Scenario        1  Affected station       27  KQBN-LP
Before Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    35437        256.1
   lost to additional IX by ATV           0          0.0
```

```
   lost to all IX                     35437        256.1

 Potential Interfering Stations Included in above Scenario     1

27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    18133        208.6
   lost to additional IX by ATV        1065          7.9
   lost to all IX                     19198        216.5

 Potential Interfering Stations Included in above Scenario     1

28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       28
Scenario        2  Affected station       27  KQBN-LP
Before Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    35437        256.1
   lost to additional IX by ATV           0          1.0
   lost to all IX                     35437        257.1

 Potential Interfering Stations Included in above Scenario     2

27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    18133        208.6
   lost to additional IX by ATV         213          6.9
   lost to all IX                     18346        215.5

 Potential Interfering Stations Included in above Scenario     2
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       29
Scenario        3  Affected station       27  KQBN-LP
Before Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    35437        257.1
   lost to additional IX by ATV           0          0.0
   lost to all IX                     35437        257.1

 Potential Interfering Stations Included in above Scenario     3

27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PHOENIX              BLTTL     19990325JD   LIC
43N AZ COOLIDGE             BPET      19960710LC   APP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    18337        215.5
   lost to additional IX by ATV        1065          7.9
   lost to all IX                     19402        223.5

 Potential Interfering Stations Included in above Scenario     3

28N AZ PHOENIX              BLTTL     19990325JD   LIC
43N AZ COOLIDGE             BPET      19960710LC   APP
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
27A AZ PHOENIX              USERRECORD01           APP

Result key:       30
Scenario        4  Affected station       27  KQBN-LP
Before Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    35437        257.1
   lost to additional IX by ATV           0          1.0
   lost to all IX                     35437        258.1

 Potential Interfering Stations Included in above Scenario     4
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PHOENIX              BLTTL     19990325JD   LIC
43N AZ COOLIDGE             BPET      19960710LC   APP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    18337        215.5
   lost to additional IX by ATV         213          6.9
   lost to all IX                     18550        222.5

 Potential Interfering Stations Included in above Scenario     4

28N AZ PHOENIX              BLTTL     19990325JD   LIC
43N AZ COOLIDGE             BPET      19960710LC   APP
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

Result key:       31
Scenario        5  Affected station       27  KQBN-LP
Before Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    35437        256.1
   lost to additional IX by ATV           0          0.0
   lost to all IX                     35437        256.1

 Potential Interfering Stations Included in above Scenario     5

27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              BLEDT     20020405ABD  LIC

After Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    18133        208.6
   lost to additional IX by ATV        1065          7.9
   lost to all IX                     19198        216.5

 Potential Interfering Stations Included in above Scenario     5

28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              BLEDT     20020405ABD  LIC
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
27A AZ PHOENIX              USERRECORD01           APP

Result key:       32
Scenario        6  Affected station       27  KQBN-LP
Before Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    35437        256.1
   lost to additional IX by ATV           0          1.0
   lost to all IX                     35437        257.1

 Potential Interfering Stations Included in above Scenario     6

27N AZ PHOENIX              BPTTA     20060206ACD  CP
28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN

After Analysis

Results for: 28N AZ PRESCOTT             BPTTL     20040712AAP  CP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour       64893       2115.9
   not affected by terrain losses     64790       1962.7
   lost to NTSC IX                    18133        208.6
   lost to additional IX by ATV         213          6.9
   lost to all IX                     18346        215.5

 Potential Interfering Stations Included in above Scenario     6

28N AZ PHOENIX              BLTTL     19990325JD   LIC
29A AZ PHOENIX              DTVPLN    DTVP0736     PLN
27A AZ PHOENIX              USERRECORD01           APP

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     Analysis of Interference to Affected Station  28


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   28      KQBN-LP    PRESCOTT AZ              BLTTL     -19970918JQ

     Stations Potentially Affecting This Station

Chan   Call      City/State          Dist(km) Status  Application Ref. No.
 20   KPAZ-DT  PHOENIX AZ              103.9  PLN    DTVPLN    -DTVP0388
 20   KPAZ-TV  PHOENIX AZ              103.9  CP     BPCDT     -19990414KH
 21   KPAZ-TV  PHOENIX AZ              103.9  LIC    BLCT      -19930715KF
 24   KTVK-DT  PHOENIX AZ              103.9  PLN    DTVPLN    -DTVP0556
 25   KUSK-DT  PRESCOTT AZ              55.6  PLN    DTVPLN    -DTVP0591
```

```
 26   KUTP     PHOENIX AZ              104.0  CP     BPCDT     -19990809LC
 26   KUTP-DT  PHOENIX AZ              104.0  PLN    DTVPLN    -DTVP0629
 27   KKTM-DT  FLAGSTAFF AZ            113.6  PLN    DTVPLN    -DTVP0664
 27   KAZT-CA  PHOENIX AZ              103.9  CP     BPTTA     -20060206ACD
 28   K28CW    FLAGSTAFF AZ            132.4  LIC    BLTT      -19900810IK
 28   NEW      KINGMAN AZ              187.1  APP    BNPTTL    -20000831BZS
 28   NEW      PARKER AZ               165.2  APP    BNPTTL    -20000831AQW
 28   KCOS-LP  PHOENIX AZ              106.2  LIC    BLTTL     -19990325JD
 28   KUAS-TV  TUCSON AZ               257.7  LIC    BLEDT     -20030115ABS
 28   KUAS-DT  TUCSON AZ               257.7  PLN    DTVPLN    -DTVP0701
 28   K28EU    LAUGHLIN, ETC. NV       244.3  LIC    BLTTL     -19960523JA
 29   KAET     PHOENIX AZ              103.9  LIC    BLEDT     -20020405ABD
 29   KAET-DT  PHOENIX AZ              103.9  PLN    DTVPLN    -DTVP0736
 31   KSAZ-DT  PHOENIX AZ              103.9  PLN    DTVPLN    -DTVP0812
 32   KCFG-DT  FLAGSTAFF AZ            132.4  PLN    DTVPLN    -DTVP0851
 32   KCFG     FLAGSTAFF AZ            113.6  CP MOD BMPCDT    -20060329AJP
 36   KPNX-DT  MESA AZ                 103.9  PLN    DTVPLN    -DTVP1002
 43   K55DB    PRESCOTT, ETC. AZ        32.3  CP     BDISTT    -20051215AAP
 27   KAZT-CA  PHOENIX AZ              103.9  APP    USERRECORD-01
 Proposal causes no interference

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     Analysis of Interference to Affected Station  29


DTV  Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   28      KUAS-DT    TUCSON AZ                DTVPLN    -DTVP0701

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 27   KUASTV   TUCSON AZ                 0.0  PLN    DTVPLN    -NPLN1296
 29   KAET-DT  PHOENIX AZ              158.8  PLN    DTVPLN    -DTVP0736

Results for: 28A AZ TUCSON              DTVPLN    DTVP0701     PLN
   HAAT  175.0 m, ATV ERP   50.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      631803       4018.8
   not affected by terrain losses    628636       3656.3
   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

NTSC Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   27      KUASTV     TUCSON AZ                DTVPLN    -NPLN1296

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
 19   KTTU-DT  TUCSON AZ                 11.0  PLN    DTVPLN    -DTVP0338
 23   KVOA-DT  TUCSON AZ                 35.4  PLN    DTVPLN    -DTVP0511
 25   KMSB-DT  TUCSON AZ                 35.1  PLN    DTVPLN    -DTVP0592
 26   KUTP-DT  PHOENIX AZ               158.6  PLN    DTVPLN    -DTVP0629
 27   KKTM-DT  FLAGSTAFF AZ             309.5  PLN    DTVPLN    -DTVP0664
 28   KUAS-DT  TUCSON AZ                  0.0  PLN    DTVPLN    -DTVP0701
 30   KUAT-DT  TUCSON AZ                 35.3  PLN    DTVPLN    -DTVP0776
 35   KGUN-DT  TUCSON AZ                 35.1  PLN    DTVPLN    -DTVP0963
 42   KHRR-DT  TUCSON AZ                 11.0  PLN    DTVPLN    -DTVP1182

Results for: 27N AZ TUCSON              DTVPLN    NPLN1296     PLN
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour       631803       4018.8
   not affected by terrain losses     619031       3093.0
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV          936         38.2
   lost to all IX                        936         38.2

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.
 27   KUAS-TV  TUCSON AZ                 0.0  LIC    BLET      -20030103AAV
 29   KAET     PHOENIX AZ              158.8  LIC    BLEDT     -20020405ABD
 29   KAET-DT  PHOENIX AZ              158.8  PLN    DTVPLN    -DTVP0736
 27   KAZT-CA  PHOENIX AZ              158.8  APP    USERRECORD-01
 Proposal causes no interference

#########################################################################


     Analysis of Interference to Affected Station  30


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   28      KUAS-DT    TUCSON AZ                DTVPLN    -DTVP0701

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 27   KUAS-TV  TUCSON AZ                 0.0  LIC    BLET      -20030103AAV
 29   KAET     PHOENIX AZ              158.8  LIC    BLEDT     -20020405ABD
 29   KAET-DT  PHOENIX AZ              158.8  PLN    DTVPLN    -DTVP0736
 27   KAZT-CA  PHOENIX AZ              158.8  APP    USERRECORD-01
 Proposal causes no interference

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     Analysis of Interference to Affected Station  31
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30ES	GLOBE AZ	BLTTL	-20001208ADO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KVOA-DT	TUCSON AZ	98.3	PLN	DTVPLN	-DTVP0511
23	KVOA	TUCSON AZ	98.3	CP MOD	BMPCDT	-20031010ADG
26	KUTP	PHOENIX AZ	113.7	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	113.7	PLN	DTVPLN	-DTVP0629
27	KAZT-CA	PHOENIX AZ	113.9	CP	BPTTA	-20060206ACD
28	KUAS-TV	TUCSON AZ	121.0	LIC	BLEDT	-20030115ABS
28	KUAS-DT	TUCSON AZ	121.0	PLN	DTVPLN	-DTVP0701
29	KAET	PHOENIX AZ	114.1	LIC	BLEDT	-20020405ABD
29	KAET-DT	PHOENIX AZ	114.1	PLN	DTVPLN	-DTVP0736
30	KUAT-TV	TUCSON AZ	98.3	LIC	BLEDT	-20040727ABR
30	KUAT-DT	TUCSON AZ	98.3	PLN	DTVPLN	-DTVP0776
31	KSAZ-DT	PHOENIX AZ	114.0	PLN	DTVPLN	-DTVP0812
32	KOLD-TV	TUCSON AZ	98.3	LIC	BLCDT	-20030911AAI
32	KOLD-DT	TUCSON AZ	119.0	PLN	DTVPLN	-DTVP0853
34	KTVW-TV	PHOENIX AZ	114.1	LIC	BLCDT	-20020819ABN
34	KTVW-DT	PHOENIX AZ	114.1	PLN	DTVPLN	-DTVP0925
45	KUTP	PHOENIX AZ	113.7	LIC	BLCT	-19860102KF
27	KAZT-CA	PHOENIX AZ	113.9	APP	USERRECORD	-01

Proposed station is beyond the site to nearest cell evaluation distance

##

Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30ES	GLOBE AZ	BPTTL	-20060322AEY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KVOA-DT	TUCSON AZ	130.6	PLN	DTVPLN	-DTVP0511
23	KVOA	TUCSON AZ	130.6	CP MOD	BMPCDT	-20031010ADG
26	KUTP	PHOENIX AZ	83.1	CP	BPCDT	-19990809LC
26	KUTP-DT	PHOENIX AZ	83.1	PLN	DTVPLN	-DTVP0629
27	KAZT-CA	PHOENIX AZ	83.4	CP	BPTTA	-20060206ACD
29	KAET	PHOENIX AZ	83.6	LIC	BLEDT	-20020405ABD
29	KAET-DT	PHOENIX AZ	83.6	PLN	DTVPLN	-DTVP0736
30	KUAT-TV	TUCSON AZ	130.7	LIC	BLEDT	-20040727ABR
30	KUAT-DT	TUCSON AZ	130.6	PLN	DTVPLN	-DTVP0776
31	KSAZ-DT	PHOENIX AZ	83.4	PLN	DTVPLN	-DTVP0812

32	KOLD-TV	TUCSON AZ	130.6	LIC	BLCDT	-20030911AAI
32	KOLD-DT	TUCSON AZ	141.5	PLN	DTVPLN	-DTVP0853
34	KTVW-TV	PHOENIX AZ	83.5	LIC	BLCDT	-20020819ABN
34	KTVW-DT	PHOENIX AZ	83.5	PLN	DTVPLN	-DTVP0925
45	KUTP	PHOENIX AZ	83.1	LIC	BLCT	-19860102KF
27	KAZT-CA	PHOENIX AZ	83.4	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	KFPH-CA	PHOENIX AZ	BLTTA -20030122ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KAZT-CA	PHOENIX AZ	0.2	CP	BPTTA -20060206ACD
31	KSAZ-DT	PHOENIX AZ	0.1	PLN	DTVPLN -DTVP0812
33	KTVW-TV	PHOENIX AZ	0.1	LIC	BLCT -19971110KF
34	KTVW-TV	PHOENIX AZ	0.1	LIC	BLCDT -20020819ABN
34	KTVW-DT	PHOENIX AZ	0.1	PLN	DTVPLN -DTVP0925
35	K35HA	PRESCOTT AZ	135.7	CP	BNPTT -20000830AYG
35	KGUN	TUCSON AZ	162.0	LIC	BLCDT -20050802AAW
35	KGUN-DT	TUCSON AZ	162.0	PLN	DTVPLN -DTVP0963
35	KESE-LP	YUMA AZ	245.1	APP	BMAPTTL -20000818AEP
36	KPNX-DT	MESA AZ	0.0	PLN	DTVPLN -DTVP1002
39	KTAZ	PHOENIX AZ	0.3	LIC	BLCT -20060809ABN
39	KDTP	PHOENIX AZ	0.1	CP	BPEDT -20000501AHL
39	KTAZ	PHOENIX AZ	0.1	APP	BSTA -20060510ABH
39	KDTP	PHOENIX AZ	0.1	LIC	BLET -20010205ABS
39	KTAZ	PHOENIX AZ	0.3	APP	BSTA -20060414ABI
49	KASW	PHOENIX AZ	0.1	LIC	BLCDT -20060630ABU
49	KASW-DT	PHOENIX AZ	0.1	PLN	DTVPLN -DTVP1410
50	NEW	PHOENIX AZ	0.3	APP	BDCCDTL -20060919ABX
27	KAZT-CA	PHOENIX AZ	0.2	APP	USERRECORD -01

Proposal causes no interference

##

Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	KFPH-CA	PHOENIX AZ	BPTTA -20030227AAW

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KAZT-CA	PHOENIX AZ	0.1	CP	BPTTA	-20060206ACD
31	KSAZ-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP0812
33	KTVW-TV	PHOENIX AZ	0.0	LIC	BLCT	-19971110KF
34	KTVW-TV	PHOENIX AZ	0.0	LIC	BLCDT	-20020819ABN
34	KTVW-DT	PHOENIX AZ	0.0	PLN	DTVPLN	-DTVP0925
35	K35HA	PRESCOTT AZ	135.7	CP	BNPTT	-20000830AYG
35	KGUN	TUCSON AZ	162.0	LIC	BLCDT	-20050802AAW
35	KGUN-DT	TUCSON AZ	161.9	PLN	DTVPLN	-DTVP0963
35	KESE-LP	YUMA AZ	245.1	APP	BMAPTTL	-20000818AEP
36	KPNX-DT	MESA AZ	0.1	PLN	DTVPLN	-DTVP1002
39	KTAZ	PHOENIX AZ	0.2	LIC	BLCT	-20060809ABN
39	KDTP	PHOENIX AZ	0.1	CP	BPEDT	-20000501AHL
39	KTAZ	PHOENIX AZ	0.0	APP	BSTA	-20060510ABH
39	KDTP	PHOENIX AZ	0.0	LIC	BLET	-20010205ABS
39	KTAZ	PHOENIX AZ	0.2	APP	BSTA	-20060414ABI
49	KASW	PHOENIX AZ	0.1	LIC	BLCDT	-20060630ABU
49	KASW-DT	PHOENIX AZ	0.1	PLN	DTVPLN	-DTVP1410
50	NEW	PHOENIX AZ	0.3	APP	BDCCDTL	-20060919ABX
27	KAZT-CA	PHOENIX AZ	0.1	APP	USERRECORD	-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	K35HA	PRESCOTT AZ	BNPTT	-20000830AYG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KKTM-DT	FLAGSTAFF AZ	107.7	PLN	DTVPLN	-DTVP0664
27	KAZT-CA	PHOENIX AZ	135.7	CP	BPTTA	-20060206ACD
31	KSAZ-DT	PHOENIX AZ	135.7	PLN	DTVPLN	-DTVP0812
32	KCFG-DT	FLAGSTAFF AZ	119.4	PLN	DTVPLN	-DTVP0851
32	KCFG	FLAGSTAFF AZ	107.7	CP MOD	BMPCDT	-20060329AJP
34	K34EE	PRESCOTT/COTTONWOOD AZ	44.0	LIC	BLTT	-19990603JI
35	K35EI	DOLAN SPRINGS AZ	198.4	LIC	BLTT	-20011030ACI
35	K35FH	FLAGSTAFF AZ	118.6	LIC	BLTT	-19990706JG
35	KFPH-CA	PHOENIX AZ	135.7	LIC	BLTTA	-20030122ADP
35	KFPH-CA	PHOENIX AZ	135.7	APP	BPTTA	-20030227AAW
35	KGUN	TUCSON AZ	285.7	LIC	BLCDT	-20050802AAW
35	KGUN-DT	TUCSON AZ	285.6	PLN	DTVPLN	-DTVP0963
36	K36AE	CLARKDALE, ETC. AZ	44.0	LIC	BLTT	-19821103IK
39	KDTP	PHOENIX AZ	135.7	CP	BPEDT	-20000501AHL
49	KASW	PHOENIX AZ	135.7	LIC	BLCDT	-20060630ABU
49	KASW-DT	PHOENIX AZ	135.7	PLN	DTVPLN	-DTVP1410
50	KPVY-LP	PRESCOTT AZ	0.0	CP	BNPTTL	-20000831CFD

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
 27   KAZT-CA  PHOENIX AZ               135.7  APP    USERRECORD-01

 Proposed station is beyond the site to
 nearest cell evaluation distance

#########################################################################


     Analysis of Interference to Affected Station  36


Analysis of current record
Channel     Call          City/State        Application Ref. No.
   27      KAZT-CA    PHOENIX AZ               USERRECORD-01

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 26   KUTP     PHOENIX AZ                 0.2  CP     BPCDT     -19990809LC
 26   KUTP-DT  PHOENIX AZ                 0.2  PLN    DTVPLN    -DTVP0629
 27   KKTM-DT  FLAGSTAFF AZ             188.6  PLN    DTVPLN    -DTVP0664
 27   K27IJ    TACNA AZ                 162.1  CP     BNPTTL    -20000831BLZ
 27   KUAS-TV  TUCSON AZ                158.8  LIC    BLET      -20030103AAV
 27   NEW      BOULDER CITY NV          388.4  ADD    BPRM      -19960725AAI
 28   KCOS-LP  PHOENIX AZ                42.9  LIC    BLTTL     -19990325JD
 28   KQBN-LP  PRESCOTT AZ               53.0  CP     BPTTL     -20040712AAP

 Total scenarios =   2


Result key:       33
Scenario        1  Affected station       36  KAZT-CA
Before Analysis

Results for: 27A AZ PHOENIX              USERRECORD01           APP
   HAAT  488.0 m, ATV ERP   15.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2144381      10239.2
   not affected by terrain losses   2139330       8721.3
   lost to NTSC IX                       22         43.7
   lost to additional IX by ATV       41458       1427.6
   lost to ATV IX only                41480       1466.3
   lost to all IX                     41480       1471.2

 Potential Interfering Stations Included in above Scenario     1

27N AZ TUCSON              BLET      20030103AAV  LIC
26A AZ PHOENIX             BPCDT     19990809LC   CP
27A AZ FLAGSTAFF           DTVPLN    DTVP0664     PLN

Result key:       34
Scenario        2  Affected station       36  KAZT-CA
Before Analysis
```

tv_process OET-69 Interference Study for KAXT-CA as D27 at 15.0 kW ERP in the Main Beam (2.40 kW ERP at the Radio Horizon)

```
Results for: 27A AZ PHOENIX              USERRECORD01           APP
   HAAT  488.0 m, ATV ERP   15.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2144381      10239.2
   not affected by terrain losses   2139330       8721.3
   lost to NTSC IX                       22         43.7
   lost to additional IX by ATV       19940        490.4
   lost to ATV IX only                19962        523.2
   lost to all IX                     19962        534.1

 Potential Interfering Stations Included in above Scenario     2

27N AZ TUCSON               BLET      20030103AAV  LIC
26A AZ PHOENIX              DTVPLN    DTVP0629     PLN
27A AZ FLAGSTAFF            DTVPLN    DTVP0664     PLN

################################################################################

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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