

TECHNICAL EXHIBIT
STA REQUEST
STATION KTVU-DT
OAKLAND, CALIFORNIA
CH 44 850 KW (MAX-DA) 446 M

Technical Narrative

This Technical Exhibit supports a request for Special Temporary Authority (STA) for digital television (DTV) station KTVU-DT at Oakland, California. This request contemplates an 850 kW STA request. The STA request is for digital television operation on KTVU-DT's post-transition DTV channel 44 at Oakland employing one of *Sutro Tower's* master antenna systems. The master antenna system to be used is also employed by KRON-DT on Channel 38 post-transition assigned to San Francisco.

850 kW STA Application

Station KTVU-DT proposes to operate on DTV channel 44 from its authorized post-transition DTV transmitter site (*Sutro Tower*). The antenna height above average terrain for the channel 44 DTV operation is 446 meters. The proposed directional ERP level of 850 kilowatts will not result in the herein proposed noise-limited contour extending beyond its pending DTV maximization application (BMPCDT-20080619AIJ) in any azimuthal direction.

The proposed DTV transmitter site will be located at its authorized post-transition DTV transmitter site. Therefore, the proposed site location is:

37° 45' 19" North Latitude
122° 27' 06" West Longitude

A sketch of antenna and pertinent elevations are included as Figure 1.

Figure 2 is a map showing the DTV predicted coverage contour and the associated construction permit coverage contour. The extent of the contour has been calculated using the normal FCC prediction method. The Oakland city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Population Served

The herein proposed 850 kW KTVU-DT facility is predicted to serve 6,414,055 persons, post-transition, based upon the 2000 Census. KTVU-DT's associated Appendix B allotment facility is predicted to serve 6,336,000 persons. Therefore, the herein proposed KTVU-DT STA facility would serve over 100%, post-transition, of KTVU-DT's final Appendix B allotment.

Allocation Considerations

The proposed KTVU-DT operation meets the FCC's interference standards to pertinent DTV Appendix B allotments using the procedures outlined in the FCC's OET-69 Bulletin and a 2 kilometer grid cell size.

Radiofrequency Electromagnetic Field Exposure

The proposed KTVU(DT) facilities were evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public. The radiation center for the proposed KTVU(DT) antenna is located 288.4 meters above ground level. The maximum effective radiated power is 850 kilowatts. A "worst case" downward relative field value of 0.25 is assumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is 0.01 mW/cm². This is less than 5 percent of the Commission's recommended limit of 0.435 mW/cm² for channel 44 for an "uncontrolled" environment.

Access to the transmitting site is restricted and appropriately marked with warning signs. As this will be a multi-user site an agreement between the stations will control access. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR

exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed KTVU(DT) operation appears to be otherwise categorically excluded from environmental processing.

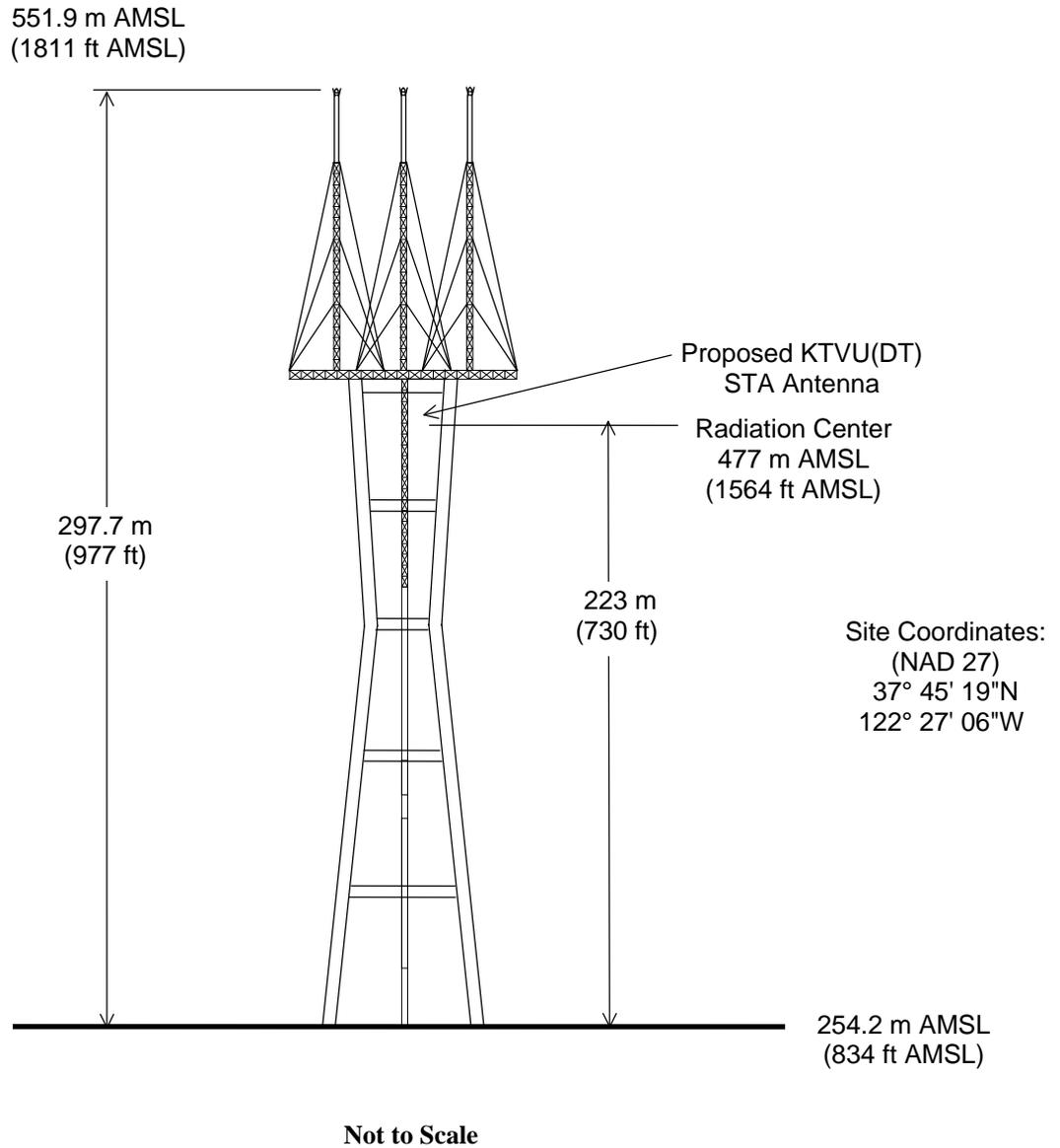
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner.

Charles Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 32437
941.329.6000

December 3, 2008

ASRN: 1001289



PROPOSED ANTENNA AND SUPPORTING STRUCTURE

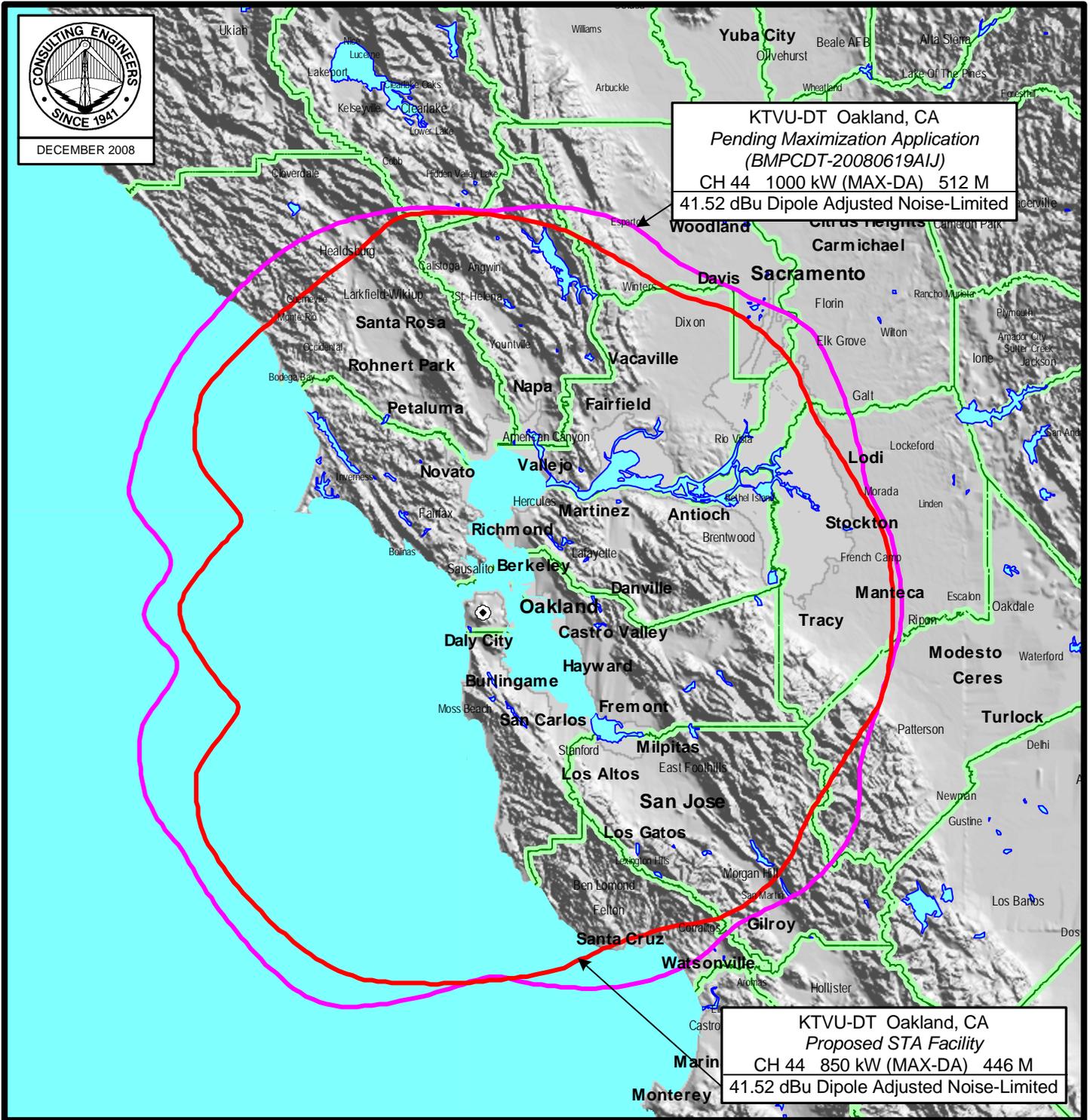
STATION KTVU(DT) – POST TRANSITION STA FACILITY

OAKLAND, CALIFORNIA

CH 44 850 KW (MAX-DA) 446 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



PREDICTED COVERAGE CONTOURS
STATION KTVU(DT) - PROPOSED STA FACILITY
OAKLAND, CALIFORNIA
CH 44 850 KW (MAX-DA) 446 M
du Treil, Lundin & Rackley, Inc Sarasota, Florida

TECHNICAL EXHIBIT
 STA REQUEST
 STATION KTVU(DT)
 OAKLAND, CALIFORNIA
 CH 44 850 KW (MAX-DA) 446 M

OET-69 Post-Transition Interference Analysis

TW Census data selected 2000
 Post Transition Data Base Selected /export/home/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-02-2008 Time: 15:33:18

Record Selected for Analysis

KTVU USERRECORD-01 OAKLAND CA US
 Channel 44 ERP 850. kW HAAT 451. m RCAMSL 00477 m
 Latitude 037-45-19 Longitude 0122-27-06
 Status APP Zone 2 Border
 Dir Antenna Make CDB Model 00000000027801 Beam tilt N Ref Azimuth 0.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits
 Channel 44 ERP = 850.00 HAAT = 451.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	697.711	451.6	107.1
45.0	607.640	462.0	106.6
90.0	843.214	465.9	110.2
135.0	608.359	458.7	106.3
180.0	694.634	359.8	99.4
225.0	238.765	468.5	98.2
270.0	23.423	471.0	81.2
315.0	224.567	470.6	97.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KTVU 44 OAKLAND CA USERRECORD01

and station

SHORT TO: KICU-TV 36 SAN JOSE CA BLCT 19881116KE
 037-29-17 0121-51-59
 Req. separation => 24.1 <= 96.6 Actual separation 59.6 Short 37.0(35.5) km

Figure 3

SHORT TO: KTNC-TV 42 CONCORD CA BLCT 19830630KF
 037-53-34 0121-53-53
 Req. separation => 24.1 <= 96.6 Actual separation 51.1 Short 45.5(27.0) km

SHORT TO: KTVU 44 OAKLAND CA DTVPLN DTVP1566
 37-45-19 122-27-06
 Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: KBCW 44 SAN FRANCISCO CA BLCT 19881220KG
 037-45-20 0122-27-5
 Req. separation 244.6 Actual separation 0.0 Short 244.6 km

SHORT TO: KSTS 48 SAN JOSE CA BPCT 20001215ABL
 037-29-57 0121-52-16
 Req. separation => 24.1 <= 96.6 Actual separation 58.6 Short 38.0(34.5) km

SHORT TO: KSTS 48 SAN JOSE CA BLCT 19990721KE
 037-29-57 0121-52-16
 Req. separation => 24.1 <= 96.6 Actual separation 58.6 Short 38.0(34.5) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

 Start of Interference Analysis

Channel	Proposed Station	ARN
44	Call City/State KTVU OAKLAND CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	NEW	SACRAMENTO CA	136.6	APP	BNP EDT	-20030922AFV
43	NEW	SACRAMENTO CA	170.0	APP	BNP EDT	-20030922AFW
43	KCSM-TV	SAN MATEO CA	0.0	CP	BP EDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	0.0	PLN	DTVPLN	-DTVP1529
43	KCSM-TV	SAN MATEO CA	0.0	LIC	BLEDT	-20030822AFZ
44	KRXI-TV	RENO NV	299.3	APP	BPCDT	-20080619AIG
44	KRXI-TV	RENO NV	299.3	PLN	DTVPLN	-DTVP1588
44	KRXI-TV	RENO NV	299.3	LIC	BLC DT	-20060707ACZ
45	KBCW	SAN FRANCISCO CA	0.0	CP	BPCDT	-20080603AAH
45	KBCW	SAN FRANCISCO CA	0.0	PLN	DTVPLN	-DTVP1605
45	KBCW	SAN FRANCISCO CA	0.0	LIC	BLC DT	-20020709AAQ
46	K46DR	LAKEPORT CA	102.6	APP	BSTA	-20061016ADK
46	K46DR	LAKEPORT CA	139.9	LIC	BLTT	-19941103IB

%%%

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
43	NEW	SACRAMENTO CA	BNP EDT	-20030922AFV

Stations Potentially Affecting This Station

Figure 3

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KHSL-TV	CHICO CA	174.4	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	174.4	PLN	DTVPLN	-DTVP1526
43	KHSL-TV	CHICO CA	174.4	LIC	BLCDT	-20060315AEZ
43	KGMC	CLOVIS CA	215.6	CP MOD	BMPCDT	-20080620AAE
43	KGMC	CLOVIS CA	251.4	PLN	DTVPLN	-DTVP1527
43	KCSM-TV	SAN MATEO CA	136.6	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	136.6	PLN	DTVPLN	-DTVP1529
43	KCSM-TV	SAN MATEO CA	136.6	LIC	BLEDT	-20030822AFZ
44	KTVU	OAKLAND CA	136.6	PLN	DTVPLN	-DTVP1566
44	KRXI-TV	RENO NV	165.7	APP	BPCDT	-20080619AIG
44	KRXI-TV	RENO NV	165.7	PLN	DTVPLN	-DTVP1588
44	KRXI-TV	RENO NV	165.7	LIC	BLCDT	-20060707ACZ
44	KTVU	OAKLAND CA	136.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	NEW	SACRAMENTO CA	BNPEDT	-20030922AFW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KHSL-TV	CHICO CA	165.0	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	165.0	PLN	DTVPLN	-DTVP1526
43	KHSL-TV	CHICO CA	165.0	LIC	BLCDT	-20060315AEZ
43	KGMC	CLOVIS CA	213.4	CP MOD	BMPCDT	-20080620AAE
43	KGMC	CLOVIS CA	251.0	PLN	DTVPLN	-DTVP1527
43	KCSM-TV	SAN MATEO CA	170.0	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	170.0	PLN	DTVPLN	-DTVP1529
43	KCSM-TV	SAN MATEO CA	170.0	LIC	BLEDT	-20030822AFZ
44	KTVU	OAKLAND CA	170.0	PLN	DTVPLN	-DTVP1566
44	KRXI-TV	RENO NV	133.4	APP	BPCDT	-20080619AIG
44	KRXI-TV	RENO NV	133.4	PLN	DTVPLN	-DTVP1588
44	KRXI-TV	RENO NV	133.4	LIC	BLCDT	-20060707ACZ
44	KTVU	OAKLAND CA	170.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KCSM-TV	SAN MATEO CA	BPEDT	-20080825AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KHSL-TV	CHICO CA	253.0	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	253.1	PLN	DTVPLN	-DTVP1526
43	KHSL-TV	CHICO CA	253.0	LIC	BLCDT	-20060315AEZ
43	KGMC	CLOVIS CA	277.2	CP MOD	BMPCDT	-20080620AAE
43	KGMC	CLOVIS CA	302.0	PLN	DTVPLN	-DTVP1527
43	NEW	SACRAMENTO CA	136.6	APP	BNPEDT	-20030922AFV
43	NEW	SACRAMENTO CA	170.0	APP	BNPEDT	-20030922AFW
44	KTVU	OAKLAND CA	0.0	PLN	DTVPLN	-DTVP1566
44	KTVU	OAKLAND CA	0.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KCSM-TV	SAN MATEO CA	DTVPLN	-DTVP1529

Stations Potentially Affecting This Station

Figure 3

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KHSL-TV	CHICO CA	253.0	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	253.1	PLN	DTVPLN	-DTVP1526
43	KHSL-TV	CHICO CA	253.0	LIC	BLCDT	-20060315AEZ
43	KGMC	CLOVIS CA	277.2	CP MOD	BMPCDT	-20080620AAE
43	KGMC	CLOVIS CA	302.0	PLN	DTVPLN	-DTVP1527
43	NEW	SACRAMENTO CA	136.6	APP	BNPEDT	-20030922AFV
43	NEW	SACRAMENTO CA	170.0	APP	BNPEDT	-20030922AFW
44	KTVU	OAKLAND CA	0.0	PLN	DTVPLN	-DTVP1566
44	KTVU	OAKLAND CA	0.0	APP	USERRECORD-01	

Total scenarios = 24

Result key: 1
 Scenario 1 Affected station 4
 Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100670	815.2
lost to ATV IX only	100670	815.2
lost to all IX	100670	815.2

Potential Interfering Stations Included in above Scenario 1

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100943	847.3
lost to ATV IX only	100943	847.3
lost to all IX	100943	847.3

Potential Interfering Stations Included in above Scenario 1

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0044%

Result key: 2
 Scenario 2 Affected station 4
 Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70117	755.0
lost to ATV IX only	70117	755.0
lost to all IX	70117	755.0

Potential Interfering Stations Included in above Scenario 2

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	DTVPLN	DTVP1527	PLN

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0

Figure 3

lost to additional IX by ATV	70390	787.1	
lost to ATV IX only	70390	787.1	
lost to all IX	70390	787.1	

Potential Interfering Stations Included in above Scenario 2

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0044%

Result key: 3
 Scenario 3 Affected station 4
 Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	172395	1052.1
lost to ATV IX only	172395	1052.1
lost to all IX	172395	1052.1

Potential Interfering Stations Included in above Scenario 3

43A CA CHICO	DTVPLN	DTVP1526	PLN
43A CA CLOVIS	BMPCDT	20080620AAE	CP

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	172668	1084.2
lost to ATV IX only	172668	1084.2
lost to all IX	172668	1084.2

Potential Interfering Stations Included in above Scenario 3

43A CA CHICO	DTVPLN	DTVP1526	PLN
43A CA CLOVIS	BMPCDT	20080620AAE	CP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0045%

Result key: 4
 Scenario 4 Affected station 4
 Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	151291	1007.9
lost to ATV IX only	151291	1007.9
lost to all IX	151291	1007.9

Potential Interfering Stations Included in above Scenario 4

43A CA CHICO	DTVPLN	DTVP1526	PLN
43A CA CLOVIS	DTVPLN	DTVP1527	PLN

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	151564	1040.1
lost to ATV IX only	151564	1040.1

Figure 3

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lost to all IX                151564        1040.1

Potential Interfering Stations Included in above Scenario      4
43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS                DTVPLN    DTVP1527    PLN
44A CA OAKLAND                USERRECORD01    APP

Percent new IX =      0.0045%

Result key:      5
Scenario      5 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO                DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      90759     726.8
lost to ATV IX only               90759     726.8
lost to all IX                    90759     726.8

Potential Interfering Stations Included in above Scenario      5
43A CA CHICO                BLCDT     20060315AEZ    LIC
43A CA CLOVIS                BMPCDT    20080620AAE    CP

After Analysis

Results for: 43A CA SAN MATEO                DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      91032     759.0
lost to ATV IX only               91032     759.0
lost to all IX                    91032     759.0

Potential Interfering Stations Included in above Scenario      5
43A CA CHICO                BLCDT     20060315AEZ    LIC
43A CA CLOVIS                BMPCDT    20080620AAE    CP
44A CA OAKLAND                USERRECORD01    APP

Percent new IX =      0.0044%

Result key:      6
Scenario      6 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO                DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      60206     662.6
lost to ATV IX only               60206     662.6
lost to all IX                    60206     662.6

Potential Interfering Stations Included in above Scenario      6
43A CA CHICO                BLCDT     20060315AEZ    LIC
43A CA CLOVIS                DTVPLN    DTVP1527    PLN

After Analysis

Results for: 43A CA SAN MATEO                DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      60479     694.7
lost to ATV IX only               60479     694.7
lost to all IX                    60479     694.7

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Figure 3

Potential Interfering Stations Included in above Scenario 6

43A CA CHICO	BLCDT	20060315AEZ	LIC
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0044%

Result key: 7
Scenario 7 Affected station 4
Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	255541	1357.3
lost to ATV IX only	255541	1357.3
lost to all IX	255541	1357.3

Potential Interfering Stations Included in above Scenario 7

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	255814	1389.4
lost to ATV IX only	255814	1389.4
lost to all IX	255814	1389.4

Potential Interfering Stations Included in above Scenario 7

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0046%

Result key: 8
Scenario 8 Affected station 4
Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	257864	1562.1
lost to ATV IX only	257864	1562.1
lost to all IX	257864	1562.1

Potential Interfering Stations Included in above Scenario 8

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFW	APP

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	258137	1594.2
lost to ATV IX only	258137	1594.2
lost to all IX	258137	1594.2

Figure 3

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Potential Interfering Stations Included in above Scenario      8

43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS        BMPCDT    20080620AAE  CP
43A CA SACRAMENTO    BNPEDT    20030922AFW  APP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0046%

Result key:          9
Scenario            9  Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    100670    815.2
lost to ATV IX only              100670    815.2
lost to all IX                   100670    815.2

Potential Interfering Stations Included in above Scenario      9

43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS        BMPCDT    20080620AAE  CP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    100943    847.3
lost to ATV IX only              100943    847.3
lost to all IX                   100943    847.3

Potential Interfering Stations Included in above Scenario      9

43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS        BMPCDT    20080620AAE  CP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0044%

Result key:          10
Scenario            10  Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    234510    1321.2
lost to ATV IX only              234510    1321.2
lost to all IX                   234510    1321.2

Potential Interfering Stations Included in above Scenario      10

43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS        DTVPLN    DTVP1527    PLN
43A CA SACRAMENTO    BNPEDT    20030922AFW  APP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    234783    1353.3
lost to ATV IX only              234783    1353.3
lost to all IX                   234783    1353.3

```

Figure 3

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Potential Interfering Stations Included in above Scenario 10
43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS         DTVPLN   DTVP1527    PLN
43A CA SACRAMENTO     BNPEDT   20030922AFV  APP
44A CA OAKLAND        USERRECORD01  APP

Percent new IX = 0.0045%

Result key: 11
Scenario 11 Affected station 4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 6850570  27098.1
not affected by terrain losses 6240615  21829.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 236833  1530.0
lost to ATV IX only 236833  1530.0
lost to all IX 236833  1530.0

Potential Interfering Stations Included in above Scenario 11
43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS         DTVPLN   DTVP1527    PLN
43A CA SACRAMENTO     BNPEDT   20030922AFW  APP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 6850570  27098.1
not affected by terrain losses 6240615  21829.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 237106  1562.1
lost to ATV IX only 237106  1562.1
lost to all IX 237106  1562.1

Potential Interfering Stations Included in above Scenario 11
43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS         DTVPLN   DTVP1527    PLN
43A CA SACRAMENTO     BNPEDT   20030922AFW  APP
44A CA OAKLAND        USERRECORD01  APP

Percent new IX = 0.0045%

Result key: 12
Scenario 12 Affected station 4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 6850570  27098.1
not affected by terrain losses 6240615  21829.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 70117  755.0
lost to ATV IX only 70117  755.0
lost to all IX 70117  755.0

Potential Interfering Stations Included in above Scenario 12
43A CA CHICO          BPCDT    20070124AKD  CP
43A CA CLOVIS         DTVPLN   DTVP1527    PLN

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 6850570  27098.1
not affected by terrain losses 6240615  21829.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 70390  787.1
lost to ATV IX only 70390  787.1

```

Figure 3

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lost to all IX                70390        787.1

Potential Interfering Stations Included in above Scenario    12

43A CA CHICO                BPCDT    20070124AKD  CP
43A CA CLOVIS               DTVPLN   DTVP1527    PLN
44A CA OAKLAND              USERRECORD01  APP

Percent new IX =      0.0044%

Result key:      13
Scenario        13 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO                DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION   AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      290539     1489.8
lost to ATV IX only               290539     1489.8
lost to all IX                    290539     1489.8

Potential Interfering Stations Included in above Scenario    13

43A CA CHICO                DTVPLN   DTVP1526    PLN
43A CA CLOVIS               BMPCDT    20080620AAE  CP
43A CA SACRAMENTO          BNPEDT    20030922AFV  APP

After Analysis

Results for: 43A CA SAN MATEO                DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION   AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      290812     1522.0
lost to ATV IX only               290812     1522.0
lost to all IX                    290812     1522.0

Potential Interfering Stations Included in above Scenario    13

43A CA CHICO                DTVPLN   DTVP1526    PLN
43A CA CLOVIS               BMPCDT    20080620AAE  CP
43A CA SACRAMENTO          BNPEDT    20030922AFV  APP
44A CA OAKLAND              USERRECORD01  APP

Percent new IX =      0.0046%

Result key:      14
Scenario        14 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO                DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION   AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      292888     1678.6
lost to ATV IX only               292888     1678.6
lost to all IX                    292888     1678.6

Potential Interfering Stations Included in above Scenario    14

43A CA CHICO                DTVPLN   DTVP1526    PLN
43A CA CLOVIS               BMPCDT    20080620AAE  CP
43A CA SACRAMENTO          BNPEDT    20030922AFV  APP

After Analysis

Results for: 43A CA SAN MATEO                DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION   AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      293161     1710.7

```

Figure 3

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lost to ATV IX only          293161      1710.7
lost to all IX              293161      1710.7

Potential Interfering Stations Included in above Scenario  14

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              BMPCDT    20080620AAE CP
43A CA SACRAMENTO          BNPEDT    20030922AFW APP
44A CA OAKLAND              USERRECORD01    APP

Percent new IX =      0.0046%

Result key:      15
Scenario      15 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    172395    1052.1
lost to ATV IX only              172395    1052.1
lost to all IX                    172395    1052.1

Potential Interfering Stations Included in above Scenario  15

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              BMPCDT    20080620AAE CP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    172668    1084.2
lost to ATV IX only              172668    1084.2
lost to all IX                    172668    1084.2

Potential Interfering Stations Included in above Scenario  15

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              BMPCDT    20080620AAE CP
44A CA OAKLAND              USERRECORD01    APP

Percent new IX =      0.0045%

Result key:      16
Scenario      16 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    269508    1457.7
lost to ATV IX only              269508    1457.7
lost to all IX                    269508    1457.7

Potential Interfering Stations Included in above Scenario  16

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              DTVPLN    DTVP1527    PLN
43A CA SACRAMENTO          BNPEDT    20030922AFV APP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    269781    1489.8

```

Figure 3

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lost to ATV IX only          269781      1489.8
lost to all IX              269781      1489.8

Potential Interfering Stations Included in above Scenario 16

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              DTVPLN    DTVP1527    PLN
43A CA SACRAMENTO         BNPEDT    20030922AFV APP
44A CA OAKLAND            USERRECORD01    APP

Percent new IX =      0.0046%

Result key:      17
Scenario      17 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      271857    1642.4
lost to ATV IX only               271857    1642.4
lost to all IX                    271857    1642.4

Potential Interfering Stations Included in above Scenario 17

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              DTVPLN    DTVP1527    PLN
43A CA SACRAMENTO         BNPEDT    20030922AFW APP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      272130    1674.6
lost to ATV IX only               272130    1674.6
lost to all IX                    272130    1674.6

Potential Interfering Stations Included in above Scenario 17

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              DTVPLN    DTVP1527    PLN
43A CA SACRAMENTO         BNPEDT    20030922AFW APP
44A CA OAKLAND            USERRECORD01    APP

Percent new IX =      0.0046%

Result key:      18
Scenario      18 Affected station      4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      151291    1007.9
lost to ATV IX only               151291    1007.9
lost to all IX                    151291    1007.9

Potential Interfering Stations Included in above Scenario 18

43A CA CHICO                DTVPLN    DTVP1526    PLN
43A CA CLOVIS              DTVPLN    DTVP1527    PLN

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0

```

Figure 3

lost to additional IX by ATV	151564	1040.1	
lost to ATV IX only	151564	1040.1	
lost to all IX	151564	1040.1	

Potential Interfering Stations Included in above Scenario 18

43A CA CHICO	DTVPLN	DTVP1526	PLN
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0045%

Result key: 19
Scenario 19 Affected station 4
Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	252847	1337.2
lost to ATV IX only	252847	1337.2
lost to all IX	252847	1337.2

Potential Interfering Stations Included in above Scenario 19

43A CA CHICO	BLCDDT	20060315AEZ	LIC
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	253120	1369.4
lost to ATV IX only	253120	1369.4
lost to all IX	253120	1369.4

Potential Interfering Stations Included in above Scenario 19

43A CA CHICO	BLCDDT	20060315AEZ	LIC
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0046%

Result key: 20
Scenario 20 Affected station 4
Before Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	257747	1550.1
lost to ATV IX only	257747	1550.1
lost to all IX	257747	1550.1

Potential Interfering Stations Included in above Scenario 20

43A CA CHICO	BLCDDT	20060315AEZ	LIC
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFW	APP

After Analysis

Results for: 43A CA SAN MATEO DTVPLN DTVP1529 PLN
HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4

Figure 3

```

lost to NTSC IX                0          0.0
lost to additional IX by ATV    258020    1582.2
lost to ATV IX only            258020    1582.2
lost to all IX                 258020    1582.2

Potential Interfering Stations Included in above Scenario    20

43A CA CHICO                BLCDT    20060315AEZ    LIC
43A CA CLOVIS              BMPCDT    20080620AAE    CP
43A CA SACRAMENTO          BNPEDT    20030922AFW    APP
44A CA OAKLAND              USERRECORD01    APP

Percent new IX =      0.0046%

Result key:                21
Scenario                    21 Affected station          4
Before Analysis

Results for: 43A CA SAN MATEO      DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      90759     726.8
lost to ATV IX only               90759     726.8
lost to all IX                    90759     726.8

Potential Interfering Stations Included in above Scenario    21

43A CA CHICO                BLCDT    20060315AEZ    LIC
43A CA CLOVIS              BMPCDT    20080620AAE    CP

After Analysis

Results for: 43A CA SAN MATEO      DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV      91032     759.0
lost to ATV IX only               91032     759.0
lost to all IX                    91032     759.0

Potential Interfering Stations Included in above Scenario    21

43A CA CHICO                BLCDT    20060315AEZ    LIC
43A CA CLOVIS              BMPCDT    20080620AAE    CP
44A CA OAKLAND              USERRECORD01    APP

Percent new IX =      0.0044%

Result key:                22
Scenario                    22 Affected station          4
Before Analysis

Results for: 43A CA SAN MATEO      DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV     231816    1301.1
lost to ATV IX only              231816    1301.1
lost to all IX                   231816    1301.1

Potential Interfering Stations Included in above Scenario    22

43A CA CHICO                BLCDT    20060315AEZ    LIC
43A CA CLOVIS              DTVPLN    DTVP1527    PLN
43A CA SACRAMENTO          BNPEDT    20030922AFV    APP

After Analysis

Results for: 43A CA SAN MATEO      DTVPLN    DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4

```

Figure 3

```

lost to NTSC IX                0          0.0
lost to additional IX by ATV    232089    1333.2
lost to ATV IX only            232089    1333.2
lost to all IX                 232089    1333.2

Potential Interfering Stations Included in above Scenario  22

43A CA CHICO          BLCDT    20060315AEZ  LIC
43A CA CLOVIS        DTVPLN   DTVP1527    PLN
43A CA SACRAMENTO    BNPEDT   20030922AFV  APP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0045%

Result key:          23
Scenario            23 Affected station          4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses   6240615    21829.4
lost to NTSC IX                  0          0.0
lost to additional IX by ATV     236716    1517.9
lost to ATV IX only             236716    1517.9
lost to all IX                  236716    1517.9

Potential Interfering Stations Included in above Scenario  23

43A CA CHICO          BLCDT    20060315AEZ  LIC
43A CA CLOVIS        DTVPLN   DTVP1527    PLN
43A CA SACRAMENTO    BNPEDT   20030922AFW  APP

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses   6240615    21829.4
lost to NTSC IX                  0          0.0
lost to additional IX by ATV     236989    1550.1
lost to ATV IX only             236989    1550.1
lost to all IX                  236989    1550.1

Potential Interfering Stations Included in above Scenario  23

43A CA CHICO          BLCDT    20060315AEZ  LIC
43A CA CLOVIS        DTVPLN   DTVP1527    PLN
43A CA SACRAMENTO    BNPEDT   20030922AFW  APP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0045%

Result key:          24
Scenario            24 Affected station          4
Before Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour    6850570    27098.1
not affected by terrain losses   6240615    21829.4
lost to NTSC IX                  0          0.0
lost to additional IX by ATV     60206     662.6
lost to ATV IX only             60206     662.6
lost to all IX                  60206     662.6

Potential Interfering Stations Included in above Scenario  24

43A CA CHICO          BLCDT    20060315AEZ  LIC
43A CA CLOVIS        DTVPLN   DTVP1527    PLN

After Analysis

Results for: 43A CA SAN MATEO          DTVPLN   DTVP1529    PLN
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour    6850570    27098.1

```

Figure 3

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not affected by terrain losses  6240615      21829.4
lost to NTSC IX                0          0.0
lost to additional IX by ATV   60479      694.7
lost to ATV IX only           60479      694.7
lost to all IX                 60479      694.7

Potential Interfering Stations Included in above Scenario    24

43A CA CHICO                BLCDT    20060315AEZ  LIC
43A CA CLOVIS              DTVPLN   DTVP1527    PLN
44A CA OAKLAND             USERRECORD01  APP

Percent new IX =      0.0044%

Worst case new IX      0.0046% Scenario    14

#####

Analysis of Interference to Affected Station    5

Analysis of current record
Channel      Call          City/State      Application Ref. No.
  43        KCSM-TV      SAN MATEO CA      BLEDT      -20030822AFZ

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status Application Ref. No.
  43  KHSL-TV  CHICO CA        253.0  CP      BPCDT      -20070124AKD
  43  KHSL-TV  CHICO CA        253.1  PLN     DTVPLN     -DTV1526
  43  KHSL-TV  CHICO CA        253.0  LIC     BLCDT      -20060315AEZ
  43  KGMC     CLOVIS CA       277.2  CP MOD  BMPCDT     -20080620AAE
  43  KGMC     CLOVIS CA       302.0  PLN     DTVPLN     -DTV1527
  43  NEW      SACRAMENTO CA   136.6  APP     BNPEDT     -20030922AFV
  43  NEW      SACRAMENTO CA   170.0  APP     BNPEDT     -20030922AFW
  44  KTVU    OAKLAND CA      0.0    PLN     DTVPLN     -DTV1566
  44  KTVU    OAKLAND CA      0.0    APP     USERRECORD-01

Total scenarios =      24

Result key:      25
Scenario      1  Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO      BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV       100670      815.2
lost to ATV IX only                100670      815.2
lost to all IX                     100670      815.2

Potential Interfering Stations Included in above Scenario    1

43A CA CHICO                BPCDT    20070124AKD  CP
43A CA CLOVIS              BMPCDT   20080620AAE  CP

After Analysis

Results for: 43A CA SAN MATEO      BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0          0.0
lost to additional IX by ATV       100943      847.3
lost to ATV IX only                100943      847.3
lost to all IX                     100943      847.3

Potential Interfering Stations Included in above Scenario    1

43A CA CHICO                BPCDT    20070124AKD  CP
43A CA CLOVIS              BMPCDT   20080620AAE  CP
44A CA OAKLAND             USERRECORD01  APP

Percent new IX =      0.0044%

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Figure 3

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Result key:          26
Scenario            2 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV       70117         755.0
lost to ATV IX only                70117         755.0
lost to all IX                     70117         755.0

Potential Interfering Stations Included in above Scenario      2

43A CA CHICO                BPCDT      20070124AKD  CP
43A CA CLOVIS               DTVPLN     DTVP1527    PLN

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV       70390         787.1
lost to ATV IX only                70390         787.1
lost to all IX                     70390         787.1

Potential Interfering Stations Included in above Scenario      2

43A CA CHICO                BPCDT      20070124AKD  CP
43A CA CLOVIS               DTVPLN     DTVP1527    PLN
44A CA OAKLAND              USERRECORD01  APP

Percent new IX =      0.0044%

Result key:          27
Scenario            3 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV       172395        1052.1
lost to ATV IX only                172395        1052.1
lost to all IX                     172395        1052.1

Potential Interfering Stations Included in above Scenario      3

43A CA CHICO                DTVPLN     DTVP1526    PLN
43A CA CLOVIS               BMPCDT     20080620AAE  CP

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV       172668        1084.2
lost to ATV IX only                172668        1084.2
lost to all IX                     172668        1084.2

Potential Interfering Stations Included in above Scenario      3

43A CA CHICO                DTVPLN     DTVP1526    PLN
43A CA CLOVIS               BMPCDT     20080620AAE  CP
44A CA OAKLAND              USERRECORD01  APP

Percent new IX =      0.0045%

Result key:          28

```

Figure 3

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Scenario      4 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          151291         1007.9
lost to ATV IX only                   151291         1007.9
lost to all IX                         151291         1007.9

Potential Interfering Stations Included in above Scenario      4

43A CA CHICO          DTVPLN      DTVP1526      PLN
43A CA CLOVIS        DTVPLN      DTVP1527      PLN

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          151564         1040.1
lost to ATV IX only                   151564         1040.1
lost to all IX                         151564         1040.1

Potential Interfering Stations Included in above Scenario      4

43A CA CHICO          DTVPLN      DTVP1526      PLN
43A CA CLOVIS        DTVPLN      DTVP1527      PLN
44A CA OAKLAND       USERRECORD01      APP

Percent new IX =      0.0045%

Result key:      29
Scenario      5 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          90759          726.8
lost to ATV IX only                   90759          726.8
lost to all IX                         90759          726.8

Potential Interfering Stations Included in above Scenario      5

43A CA CHICO          BLCDT      20060315AEZ LIC
43A CA CLOVIS        BMPCDT      20080620AAE CP

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          91032          759.0
lost to ATV IX only                   91032          759.0
lost to all IX                         91032          759.0

Potential Interfering Stations Included in above Scenario      5

43A CA CHICO          BLCDT      20060315AEZ LIC
43A CA CLOVIS        BMPCDT      20080620AAE CP
44A CA OAKLAND       USERRECORD01      APP

Percent new IX =      0.0044%

Result key:      30
Scenario      6 Affected station      5
Before Analysis

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Figure 3

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60206	662.6
lost to ATV IX only	60206	662.6
lost to all IX	60206	662.6

Potential Interfering Stations Included in above Scenario 6

43A CA CHICO	BLCDDT	20060315AEZ	LIC
43A CA CLOVIS	DTVPLN	DTVP1527	PLN

After Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60479	694.7
lost to ATV IX only	60479	694.7
lost to all IX	60479	694.7

Potential Interfering Stations Included in above Scenario 6

43A CA CHICO	BLCDDT	20060315AEZ	LIC
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0044%

Result key: 31
 Scenario 7 Affected station 5
 Before Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	255541	1357.3
lost to ATV IX only	255541	1357.3
lost to all IX	255541	1357.3

Potential Interfering Stations Included in above Scenario 7

43A CA CHICO	BPCDDT	20070124AKD	CP
43A CA CLOVIS	BMPDDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP

After Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	255814	1389.4
lost to ATV IX only	255814	1389.4
lost to all IX	255814	1389.4

Potential Interfering Stations Included in above Scenario 7

43A CA CHICO	BPCDDT	20070124AKD	CP
43A CA CLOVIS	BMPDDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0046%

Result key: 32
 Scenario 8 Affected station 5
 Before Analysis

Figure 3

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	257864	1562.1
lost to ATV IX only	257864	1562.1
lost to all IX	257864	1562.1

Potential Interfering Stations Included in above Scenario 8

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFW	APP

After Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	258137	1594.2
lost to ATV IX only	258137	1594.2
lost to all IX	258137	1594.2

Potential Interfering Stations Included in above Scenario 8

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
43A CA SACRAMENTO	BNPEDT	20030922AFW	APP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0046%

Result key: 33
 Scenario 9 Affected station 5
 Before Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100670	815.2
lost to ATV IX only	100670	815.2
lost to all IX	100670	815.2

Potential Interfering Stations Included in above Scenario 9

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP

After Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100943	847.3
lost to ATV IX only	100943	847.3
lost to all IX	100943	847.3

Potential Interfering Stations Included in above Scenario 9

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	BMPCDT	20080620AAE	CP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0044%

Result key: 34
 Scenario 10 Affected station 5
 Before Analysis

Figure 3

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	234510	1321.2
lost to ATV IX only	234510	1321.2
lost to all IX	234510	1321.2

Potential Interfering Stations Included in above Scenario 10

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP

After Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	234783	1353.3
lost to ATV IX only	234783	1353.3
lost to all IX	234783	1353.3

Potential Interfering Stations Included in above Scenario 10

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
43A CA SACRAMENTO	BNPEDT	20030922AFV	APP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0045%

Result key: 35
 Scenario 11 Affected station 5
 Before Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	236833	1530.0
lost to ATV IX only	236833	1530.0
lost to all IX	236833	1530.0

Potential Interfering Stations Included in above Scenario 11

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
43A CA SACRAMENTO	BNPEDT	20030922AFW	APP

After Analysis

Results for: 43A CA SAN MATEO BLEDT 20030822AFZ LIC
 HAAT 428.0 m, ATV ERP 536.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6850570	27098.1
not affected by terrain losses	6240615	21829.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	237106	1562.1
lost to ATV IX only	237106	1562.1
lost to all IX	237106	1562.1

Potential Interfering Stations Included in above Scenario 11

43A CA CHICO	BPCDT	20070124AKD	CP
43A CA CLOVIS	DTVPLN	DTVP1527	PLN
43A CA SACRAMENTO	BNPEDT	20030922AFW	APP
44A CA OAKLAND	USERRECORD01		APP

Percent new IX = 0.0045%

Result key: 36

Figure 3

```

Scenario      12  Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          70117         755.0
lost to ATV IX only                   70117         755.0
lost to all IX                        70117         755.0

Potential Interfering Stations Included in above Scenario      12

43A CA CHICO          BPCDT      20070124AKD  CP
43A CA CLOVIS         DTVPLN     DTVP1527     PLN

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          70390         787.1
lost to ATV IX only                   70390         787.1
lost to all IX                        70390         787.1

Potential Interfering Stations Included in above Scenario      12

43A CA CHICO          BPCDT      20070124AKD  CP
43A CA CLOVIS         DTVPLN     DTVP1527     PLN
44A CA OAKLAND        USERRECORD01  APP

Percent new IX =      0.0044%

Result key:      37
Scenario      13  Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          290539        1489.8
lost to ATV IX only                   290539        1489.8
lost to all IX                        290539        1489.8

Potential Interfering Stations Included in above Scenario      13

43A CA CHICO          DTVPLN     DTVP1526     PLN
43A CA CLOVIS         BMPCDT     20080620AAE  CP
43A CA SACRAMENTO     BNPEDT     20030922AFV  APP

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          290812        1522.0
lost to ATV IX only                   290812        1522.0
lost to all IX                        290812        1522.0

Potential Interfering Stations Included in above Scenario      13

43A CA CHICO          DTVPLN     DTVP1526     PLN
43A CA CLOVIS         BMPCDT     20080620AAE  CP
43A CA SACRAMENTO     BNPEDT     20030922AFV  APP
44A CA OAKLAND        USERRECORD01  APP

Percent new IX =      0.0046%

Result key:      38

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Figure 3

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Scenario      14 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV        292888        1678.6
lost to ATV IX only                 292888        1678.6
lost to all IX                      292888        1678.6

Potential Interfering Stations Included in above Scenario 14

43A CA CHICO          DTVPLN  DTVP1526  PLN
43A CA CLOVIS         BMPCDT   20080620AAE CP
43A CA SACRAMENTO     BNPEDT   20030922AFW APP

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV        293161        1710.7
lost to ATV IX only                 293161        1710.7
lost to all IX                      293161        1710.7

Potential Interfering Stations Included in above Scenario 14

43A CA CHICO          DTVPLN  DTVP1526  PLN
43A CA CLOVIS         BMPCDT   20080620AAE CP
43A CA SACRAMENTO     BNPEDT   20030922AFW APP
44A CA OAKLAND        USERRECORD01 APP

Percent new IX =      0.0046%

Result key:      39
Scenario      15 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV        172395        1052.1
lost to ATV IX only                 172395        1052.1
lost to all IX                      172395        1052.1

Potential Interfering Stations Included in above Scenario 15

43A CA CHICO          DTVPLN  DTVP1526  PLN
43A CA CLOVIS         BMPCDT   20080620AAE CP

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses     6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV        172668        1084.2
lost to ATV IX only                 172668        1084.2
lost to all IX                      172668        1084.2

Potential Interfering Stations Included in above Scenario 15

43A CA CHICO          DTVPLN  DTVP1526  PLN
43A CA CLOVIS         BMPCDT   20080620AAE CP
44A CA OAKLAND        USERRECORD01 APP

Percent new IX =      0.0045%

Result key:      40

```

Figure 3

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Scenario      16 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          269508         1457.7
lost to ATV IX only                   269508         1457.7
lost to all IX                        269508         1457.7

Potential Interfering Stations Included in above Scenario      16

43A CA CHICO          DTVPLN      DTVP1526      PLN
43A CA CLOVIS         DTVPLN      DTVP1527      PLN
43A CA SACRAMENTO     BNPEDT      20030922AFV   APP

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          269781         1489.8
lost to ATV IX only                   269781         1489.8
lost to all IX                        269781         1489.8

Potential Interfering Stations Included in above Scenario      16

43A CA CHICO          DTVPLN      DTVP1526      PLN
43A CA CLOVIS         DTVPLN      DTVP1527      PLN
43A CA SACRAMENTO     BNPEDT      20030922AFV   APP
44A CA OAKLAND        USERRECORD01  APP

Percent new IX =      0.0046%

Result key:      41
Scenario      17 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          271857         1642.4
lost to ATV IX only                   271857         1642.4
lost to all IX                        271857         1642.4

Potential Interfering Stations Included in above Scenario      17

43A CA CHICO          DTVPLN      DTVP1526      PLN
43A CA CLOVIS         DTVPLN      DTVP1527      PLN
43A CA SACRAMENTO     BNPEDT      20030922AFW   APP

After Analysis

Results for: 43A CA SAN MATEO          BLEDT      20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses      6240615      21829.4
lost to NTSC IX                      0              0.0
lost to additional IX by ATV          272130         1674.6
lost to ATV IX only                   272130         1674.6
lost to all IX                        272130         1674.6

Potential Interfering Stations Included in above Scenario      17

43A CA CHICO          DTVPLN      DTVP1526      PLN
43A CA CLOVIS         DTVPLN      DTVP1527      PLN
43A CA SACRAMENTO     BNPEDT      20030922AFW   APP
44A CA OAKLAND        USERRECORD01  APP

Percent new IX =      0.0046%

```

Figure 3

```

Result key:          42
Scenario            18 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses    6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV      151291       1007.9
lost to ATV IX only               151291       1007.9
lost to all IX                   151291       1007.9

Potential Interfering Stations Included in above Scenario  18

43A CA CHICO          DTVPLN   DTVP1526   PLN
43A CA CLOVIS        DTVPLN   DTVP1527   PLN

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses    6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV      151564       1040.1
lost to ATV IX only               151564       1040.1
lost to all IX                   151564       1040.1

Potential Interfering Stations Included in above Scenario  18

43A CA CHICO          DTVPLN   DTVP1526   PLN
43A CA CLOVIS        DTVPLN   DTVP1527   PLN
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0045%

Result key:          43
Scenario            19 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses    6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV      252847       1337.2
lost to ATV IX only               252847       1337.2
lost to all IX                   252847       1337.2

Potential Interfering Stations Included in above Scenario  19

43A CA CHICO          BLCDT    20060315AEZ  LIC
43A CA CLOVIS        BMPCDT   20080620AAE  CP
43A CA SACRAMENTO    BNPEDT   20030922AFV  APP

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570      27098.1
not affected by terrain losses    6240615      21829.4
lost to NTSC IX                    0              0.0
lost to additional IX by ATV      253120       1369.4
lost to ATV IX only               253120       1369.4
lost to all IX                   253120       1369.4

Potential Interfering Stations Included in above Scenario  19

43A CA CHICO          BLCDT    20060315AEZ  LIC
43A CA CLOVIS        BMPCDT   20080620AAE  CP
43A CA SACRAMENTO    BNPEDT   20030922AFV  APP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0046%

```

Figure 3

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Result key:          44
Scenario            20 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      257747     1550.1
lost to ATV IX only               257747     1550.1
lost to all IX                    257747     1550.1

Potential Interfering Stations Included in above Scenario  20

43A CA CHICO          BLCDT      20060315AEZ  LIC
43A CA CLOVIS        BMPCDT     20080620AAE  CP
43A CA SACRAMENTO    BNPEDT     20030922AFW  APP

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      258020     1582.2
lost to ATV IX only               258020     1582.2
lost to all IX                    258020     1582.2

Potential Interfering Stations Included in above Scenario  20

43A CA CHICO          BLCDT      20060315AEZ  LIC
43A CA CLOVIS        BMPCDT     20080620AAE  CP
43A CA SACRAMENTO    BNPEDT     20030922AFW  APP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0046%

Result key:          45
Scenario            21 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      90759      726.8
lost to ATV IX only               90759      726.8
lost to all IX                    90759      726.8

Potential Interfering Stations Included in above Scenario  21

43A CA CHICO          BLCDT      20060315AEZ  LIC
43A CA CLOVIS        BMPCDT     20080620AAE  CP

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      91032      759.0
lost to ATV IX only               91032      759.0
lost to all IX                    91032      759.0

Potential Interfering Stations Included in above Scenario  21

43A CA CHICO          BLCDT      20060315AEZ  LIC
43A CA CLOVIS        BMPCDT     20080620AAE  CP
44A CA OAKLAND       USERRECORD01  APP

Percent new IX =      0.0044%

```

Figure 3

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Result key:          46
Scenario            22 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      231816    1301.1
lost to ATV IX only               231816    1301.1
lost to all IX                    231816    1301.1

Potential Interfering Stations Included in above Scenario  22

43A CA CHICO                BLCDT      20060315AEZ  LIC
43A CA CLOVIS               DTVPLN     DTVP1527     PLN
43A CA SACRAMENTO           BNPEDT     20030922AFV  APP

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      232089    1333.2
lost to ATV IX only               232089    1333.2
lost to all IX                    232089    1333.2

Potential Interfering Stations Included in above Scenario  22

43A CA CHICO                BLCDT      20060315AEZ  LIC
43A CA CLOVIS               DTVPLN     DTVP1527     PLN
43A CA SACRAMENTO           BNPEDT     20030922AFV  APP
44A CA OAKLAND              USERRECORD01  APP

Percent new IX =      0.0045%

Result key:          47
Scenario            23 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      236716    1517.9
lost to ATV IX only               236716    1517.9
lost to all IX                    236716    1517.9

Potential Interfering Stations Included in above Scenario  23

43A CA CHICO                BLCDT      20060315AEZ  LIC
43A CA CLOVIS               DTVPLN     DTVP1527     PLN
43A CA SACRAMENTO           BNPEDT     20030922AFW  APP

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
                POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                    0           0.0
lost to additional IX by ATV      236989    1550.1
lost to ATV IX only               236989    1550.1
lost to all IX                    236989    1550.1

Potential Interfering Stations Included in above Scenario  23

43A CA CHICO                BLCDT      20060315AEZ  LIC
43A CA CLOVIS               DTVPLN     DTVP1527     PLN
43A CA SACRAMENTO           BNPEDT     20030922AFW  APP
44A CA OAKLAND              USERRECORD01  APP

```

Figure 3

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Percent new IX =      0.0045%

Result key:          48
Scenario            24 Affected station      5
Before Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      60206     662.6
lost to ATV IX only               60206     662.6
lost to all IX                    60206     662.6

Potential Interfering Stations Included in above Scenario  24

43A CA CHICO                BLCDT      20060315AEZ  LIC
43A CA CLOVIS               DTVPLN     DTVP1527     PLN

After Analysis

Results for: 43A CA SAN MATEO                BLEDT      20030822AFZ  LIC
HAAT 428.0 m, ATV ERP 536.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      6850570    27098.1
not affected by terrain losses    6240615    21829.4
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      60479     694.7
lost to ATV IX only               60479     694.7
lost to all IX                    60479     694.7

Potential Interfering Stations Included in above Scenario  24

43A CA CHICO                BLCDT      20060315AEZ  LIC
43A CA CLOVIS               DTVPLN     DTVP1527     PLN
44A CA OAKLAND              USERRECORD01  APP

Percent new IX =      0.0044%

Worst case new IX      0.0046% Scenario      14

#####

Analysis of Interference to Affected Station  6

Analysis of current record
Channel  Call      City/State      Application Ref. No.
  44     KRXI-TV   RENO NV        BPCDT      -20080619AIG

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status Application Ref. No.
  43   KHSL-TV  CHICO CA        158.0   CP      BPCDT      -20070124AKD
  43   KHSL-TV  CHICO CA        158.0   PLN     DTVPLN     -DTVP1526
  43   KHSL-TV  CHICO CA        158.0   LIC     BLCDT      -20060315AEZ
  43   NEW      SACRAMENTO CA   165.7   APP     BNPEDT     -20030922AFV
  43   NEW      SACRAMENTO CA   133.4   APP     BNPEDT     -20030922AFW
  44   KTVU     OAKLAND CA      299.3   PLN     DTVPLN     -DTVP1566
  44   KTVU     OAKLAND CA      299.3   APP     USERRECORD-01

Total scenarios =  1

Result key:          49
Scenario            1 Affected station      6
Before Analysis

Results for: 44A NV RENO                BPCDT      20080619AIG  APP
HAAT 854.0 m, ATV ERP 700.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      732740    50230.5
not affected by terrain losses    515511    30066.9
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      115       204.5
lost to ATV IX only               115       204.5

```

Figure 3

```

lost to all IX                115        204.5

Potential Interfering Stations Included in above Scenario      1

44A CA OAKLAND                DTVPLN    DTVP1566    PLN

After Analysis

Results for: 44A NV RENO                BPCDT    20080619AIG APP
HAAT 854.0 m, ATV ERP 700.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    732740    50230.5
not affected by terrain losses    515511    30066.9
lost to NTSC IX                    0         0.0
lost to additional IX by ATV        116       212.5
lost to ATV IX only                 116       212.5
lost to all IX                      116       212.5

Potential Interfering Stations Included in above Scenario      1

44A CA OAKLAND                USERRECORD01    APP

Percent new IX =      0.0002%

Worst case new IX    0.0002% Scenario      1

#####

Analysis of Interference to Affected Station      7

Analysis of current record
Channel    Call    City/State    Application Ref. No.
  44      KRXI-TV    RENO NV      DTVPLN    -DTVP1588

Stations Potentially Affecting This Station

Chan    Call    City/State    Dist(km) Status    Application Ref. No.
  43    KHSL-TV    CHICO CA      158.0    CP      BPCDT    -20070124AKD
  43    KHSL-TV    CHICO CA      158.0    PLN    DTVPLN    -DTVP1526
  43    KHSL-TV    CHICO CA      158.0    LIC    BLCDT    -20060315AEZ
  43    NEW      SACRAMENTO CA    165.7    APP    BNPEDT    -20030922AFV
  43    NEW      SACRAMENTO CA    133.4    APP    BNPEDT    -20030922AFV
  44    KTVU     OAKLAND CA      299.3    PLN    DTVPLN    -DTVP1566
  44    KTVU     OAKLAND CA      299.3    APP    USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station      8

Analysis of current record
Channel    Call    City/State    Application Ref. No.
  44      KRXI-TV    RENO NV      BLCDT    -20060707ACZ

Stations Potentially Affecting This Station

Chan    Call    City/State    Dist(km) Status    Application Ref. No.
  43    KHSL-TV    CHICO CA      158.0    CP      BPCDT    -20070124AKD
  43    KHSL-TV    CHICO CA      158.0    PLN    DTVPLN    -DTVP1526
  43    KHSL-TV    CHICO CA      158.0    LIC    BLCDT    -20060315AEZ
  43    NEW      SACRAMENTO CA    165.7    APP    BNPEDT    -20030922AFV
  43    NEW      SACRAMENTO CA    133.4    APP    BNPEDT    -20030922AFV
  44    KTVU     OAKLAND CA      299.3    PLN    DTVPLN    -DTVP1566
  44    KTVU     OAKLAND CA      299.3    APP    USERRECORD-01

Total scenarios =      1

Result key:      50
Scenario      1 Affected station      8
Before Analysis

Results for: 44A NV RENO                BLCDT    20060707ACZ LIC
HAAT 836.0 m, ATV ERP 1000.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    602660    35479.0

```

Figure 3

```

not affected by terrain losses      410211      20030.2
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        7          72.0
lost to ATV IX only                 7          72.0
lost to all IX                     7          72.0

Potential Interfering Stations Included in above Scenario      1

44A CA OAKLAND                DTVPLN      DTVP1566      PLN

```

After Analysis

```

Results for: 44A NV RENO                BLCDT      20060707ACZ  LIC
HAAT 836.0 m, ATV ERP 1000.0 kW

              POPULATION      AREA (sq km)
within Noise Limited Contour      602660      35479.0
not affected by terrain losses      410211      20030.2
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        7          84.0
lost to ATV IX only                 7          84.0
lost to all IX                     7          84.0

```

```

Potential Interfering Stations Included in above Scenario      1

44A CA OAKLAND                USERRECORD01      APP

```

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 9

Analysis of current record

```

Channel      Call      City/State      Application Ref. No.
45           KBCW      SAN FRANCISCO CA      BPCDT      -20080603AAH

```

Stations Potentially Affecting This Station

```

Chan      Call      City/State      Dist(km) Status      Application Ref. No.
44      KTVU      OAKLAND CA      0.0      PLN      DTVPLN      -DTVP1566
45      KUVI-TV  BAKERSFIELD CA  419.5    PLN      DTVPLN      -DTVP1603
45      KUVI-TV  BAKERSFIELD CA  419.5    CP MOD  BMPCDT      -20080618AEJ
46      KQCA      STOCKTON CA     101.5    LIC      BLCDT      -20060623AAM
46      KQCA      STOCKTON CA     101.5    PLN      DTVPLN      -DTVP1640
44      KTVU      OAKLAND CA      0.0      APP      USERRECORD-01

```

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

```

Channel      Call      City/State      Application Ref. No.
45           KBCW      SAN FRANCISCO CA      DTVPLN      -DTVP1605

```

Stations Potentially Affecting This Station

```

Chan      Call      City/State      Dist(km) Status      Application Ref. No.
44      KTVU      OAKLAND CA      0.0      PLN      DTVPLN      -DTVP1566
45      KUVI-TV  BAKERSFIELD CA  419.5    PLN      DTVPLN      -DTVP1603
45      KUVI-TV  BAKERSFIELD CA  419.5    CP MOD  BMPCDT      -20080618AEJ
46      KQCA      STOCKTON CA     101.5    LIC      BLCDT      -20060623AAM
46      KQCA      STOCKTON CA     101.5    PLN      DTVPLN      -DTVP1640
44      KTVU      OAKLAND CA      0.0      APP      USERRECORD-01

```

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

```

Channel      Call      City/State      Application Ref. No.

```

Figure 3

45 KBCW SAN FRANCISCO CA BLCDT -20020709AAQ

Stations Potentially Affecting This Station

Table with 7 columns: Chan, Call, City/State, Dist(km), Status, Application, Ref. No. Rows include KTVU, KUVI-TV, KQCA, and KTVU with various distances and statuses.

Proposal causes no interference

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Table with 5 columns: Channel, Call, City/State, Application, Ref. No. Row: 46 K46DR LAKEPORT CA BSTA -20061016ADK

Stations Potentially Affecting This Station

Table with 7 columns: Chan, Call, City/State, Dist(km), Status, Application, Ref. No. Rows include KRON-TV, KCNS, KCSM-TV, KTVU, KBCW, KQCA, KAZR-CA, KTLN-TV, KSPX, KSTS, and KCSM-TV.

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Table with 5 columns: Channel, Call, City/State, Application, Ref. No. Row: 46 K46DR LAKEPORT CA BLTT -19941103IB

Stations Potentially Affecting This Station

Table with 7 columns: Chan, Call, City/State, Dist(km), Status, Application, Ref. No. Rows include KRON-TV, KCNS, KCSM-TV, KHSL-TV, and KTVU.

Figure 3

45	K45AH	UKIAH CA	31.5	LIC	BLTT	-19830125IK
46	KION-TV	MONTEREY CA	290.9	LIC	BMLCT	-19820622KG
46	K46HI	REDDING CA	186.3	LIC	BLTTL	-20040329ABN
46	KQCA	STOCKTON CA	137.1	LIC	BLCDDT	-20060623AAM
46	KQCA	STOCKTON CA	137.1	PLN	DTVPLN	-DTVP1640
46	KAZR-CA	RENO, ETC NV	251.2	LIC	BLTTA	-20051114AFU
47	KTLN-TV	NOVATO CA	94.5	CP	BPCDDT	-19991026ABE
47	KTLN-TV	NOVATO CA	94.5	PLN	DTVPLN	-DTVP1669
47	K47AL	UKIAH CA	31.5	LIC	BLTTL	-19830223IB
48	KSPX	SACRAMENTO CA	137.1	LIC	BLCDDT	-20050110ABB
48	KSPX	SACRAMENTO CA	137.1	PLN	DTVPLN	-DTVP1700
44	KTVU	OAKLAND CA	139.9	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	KTVU	OAKLAND CA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	NEW	SACRAMENTO CA	136.6	APP	BNPEDT -20030922AFV
43	NEW	SACRAMENTO CA	170.0	APP	BNPEDT -20030922AFW
43	KCSM-TV	SAN MATEO CA	0.0	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	0.0	PLN	DTVPLN -DTVP1529
43	KCSM-TV	SAN MATEO CA	0.0	LIC	BLEDT -20030822AFZ
44	KRXI-TV	RENO NV	299.3	APP	BPCDDT -20080619AIG
44	KRXI-TV	RENO NV	299.3	PLN	DTVPLN -DTVP1588
44	KRXI-TV	RENO NV	299.3	LIC	BLCDDT -20060707ACZ
45	KBCW	SAN FRANCISCO CA	0.0	CP	BPCDDT -20080603AAH
45	KBCW	SAN FRANCISCO CA	0.0	PLN	DTVPLN -DTVP1605
45	KBCW	SAN FRANCISCO CA	0.0	LIC	BLCDDT -20020709AAQ

Total scenarios = 4

Result key: 51
 Scenario 1 Affected station 14
 Before Analysis

Results for: 44A CA OAKLAND USERRECORD01 APP

HAAT 451.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7238611	30152.6
not affected by terrain losses	6415088	24482.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1033	84.3
lost to ATV IX only	1033	84.3
lost to all IX	1033	84.3

Potential Interfering Stations Included in above Scenario 1

45A CA SAN FRANCISCO BPCDDT 20080603AAH CP

Result key: 52
 Scenario 2 Affected station 14
 Before Analysis

Results for: 44A CA OAKLAND USERRECORD01 APP

HAAT 451.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7238611	30152.6
not affected by terrain losses	6415088	24482.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	48152	501.9
lost to ATV IX only	48152	501.9
lost to all IX	48152	501.9

Potential Interfering Stations Included in above Scenario 2

43A CA SACRAMENTO BNPEDT 20030922AFV APP
 44A NV RENO BPCDDT 20080619AIG APP

Figure 3

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45A CA SAN FRANCISCO      BPCDT      20080603AAH  CP
Result key:              53
Scenario                 3  Affected station      14
Before Analysis

Results for: 44A CA OAKLAND      USERRECORD01      APP
  HAAT 451.0 m, ATV ERP 850.0 kW
                POPULATION      AREA (sq km)
  within Noise Limited Contour      7238611      30152.6
  not affected by terrain losses      6415088      24482.7
  lost to NTSC IX                    0            0.0
  lost to additional IX by ATV        49644        598.3
  lost to ATV IX only                 49644        598.3
  lost to all IX                      49644        598.3

Potential Interfering Stations Included in above Scenario      3

43A CA SACRAMENTO          BNPEDT      20030922AFW  APP
44A NV RENO                BPCDT      20080619AIG  APP
45A CA SAN FRANCISCO      BPCDT      20080603AAH  CP
Result key:              54
Scenario                 4  Affected station      14
Before Analysis

Results for: 44A CA OAKLAND      USERRECORD01      APP
  HAAT 451.0 m, ATV ERP 850.0 kW
                POPULATION      AREA (sq km)
  within Noise Limited Contour      7238611      30152.6
  not affected by terrain losses      6415088      24482.7
  lost to NTSC IX                    0            0.0
  lost to additional IX by ATV        48149        493.9
  lost to ATV IX only                 48149        493.9
  lost to all IX                      48149        493.9

Potential Interfering Stations Included in above Scenario      4

44A NV RENO                BPCDT      20080619AIG  APP
45A CA SAN FRANCISCO      BPCDT      20080603AAH  CP

Proposal fails scenario      2  received IX increased by      0.7%
Proposal fails scenario      3  received IX increased by      0.8%
Proposal fails scenario      4  received IX increased by      0.7%

Proposed station below MX due to received interference
44A CA OAKLAND              USERRECORD01      APP

Proposal MX with group in scenario      2 of station      14

Proposed station below MX due to received interference
44A CA OAKLAND              USERRECORD01      APP

Proposal MX with group in scenario      3 of station      14

Proposed station below MX due to received interference
44A CA OAKLAND              USERRECORD01      APP

Proposal MX with group in scenario      4 of station      14

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

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