

TECHNICAL EXHIBIT
DTV MAXIMIZATION APPLICATION
STATION KAME-DT
RENO, NEVADA
CH 20 1000 KW 187 M

Technical Narrative

This Technical Exhibit supports an application for digital television (DTV) station KAME-DT for its "maximized" DTV operation at Reno, Nevada. This application requests a construction permit (CP) for KAME-DT digital television operation on channel 20 at Reno with a non-directional effective radiated power of 1000 kilowatts. KAME-DT intends to use a Dielectric non-directional transmitting antenna for digital operation.

Proposed Facilities

Station KAME-DT proposes to operate DTV channel 20 from its pending DTV application facility. The antenna height above average terrain for the channel 20 DTV operation will be 187 meters. The proposed KAME-DT effective radiated power exceeds the Commission's *Appendix B* allocated maximum effective radiated power in some azimuthal directions for KAME-DT.¹ Therefore, an allocation study was completed to ensure no prohibited interference would occur.

¹ See Seventh Report And Order And Eighth Further Notice Of Proposed Rule Making in the Matter of Advanced Television Systems and their Impact Upon the Existing Television Broadcast Service, MB Docket 87-268, Released August 6, 2007; Adopted August 1, 2007.

The proposed DTV transmitter site will be located at KAME-DT's tower. Therefore, the proposed site location is:

39° 35' 03" North Latitude
119° 47' 51" West Longitude

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

The Appendix contains the vertical and horizontal plane radiation pattern for the proposed antenna system.

Figure 2 is a map showing the proposed DTV predicted coverage contour and the associated DTV appendix B Noise-Limited coverage contour. The extent of the contours have been calculated using the normal FCC prediction method. The Reno city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Population Served

The herein proposed KAME-DT "maximized" facility is predicted to serve 471,272 persons, post-transition based upon the 2000 Census. KAME-DT's associated Appendix B facility is predicted to serve 363,000 persons. Therefore, the herein proposed KAME-DT facility would serve more than 100% of KAME-DT's Appendix B population.

Allocation Considerations

The proposed KAME-DT Channel 20 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other Appendix B DTV allotments. Longley-Rice interference analyses were conducted pursuant to

the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software developed by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.² Stations selected for analysis were determined pursuant to the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. The results of the interference analyses for the proposed KAME-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 0.5% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.³

Radiofrequency Electromagnetic Field Exposure

The proposed KAME-DT facilities will be evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public by RFR measurements.

Access to the transmitting site is restricted and appropriately marked with warning signs. 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

² The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.

³ Interference analysis results reflect the net change in interference to a given station considering the interference predicted to occur from all other stations (i.e. "masking") including the allotment facility for KAME-DT. This properly reflects the net interference change for determining compliance with the FCC 0.5% *de minimis* standard.

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 KAME-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.

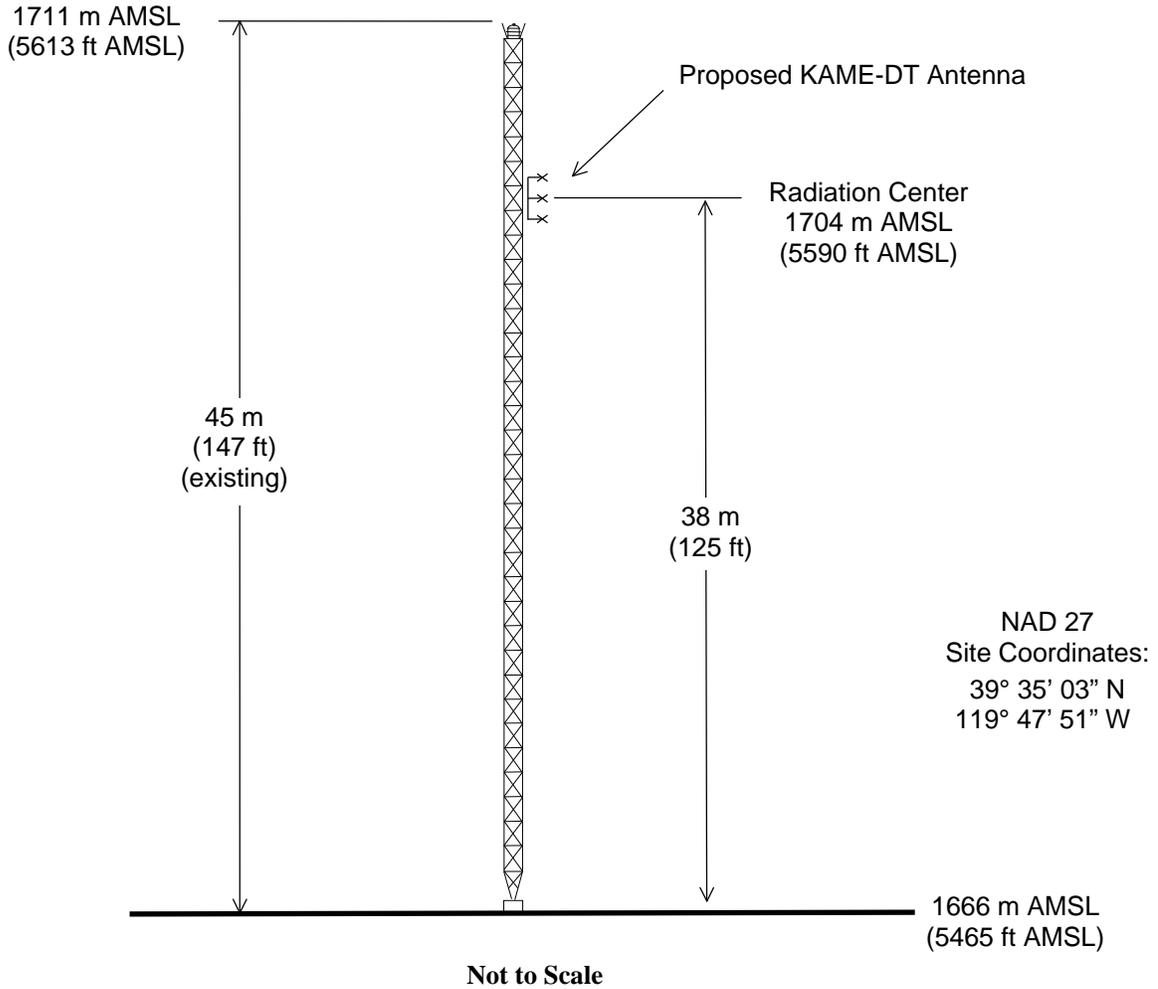
Charles Cooper

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

June 5, 2008



ASR: 1011426



ANTENNA AND SUPPORTING STRUCTURE

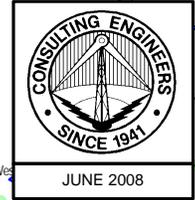
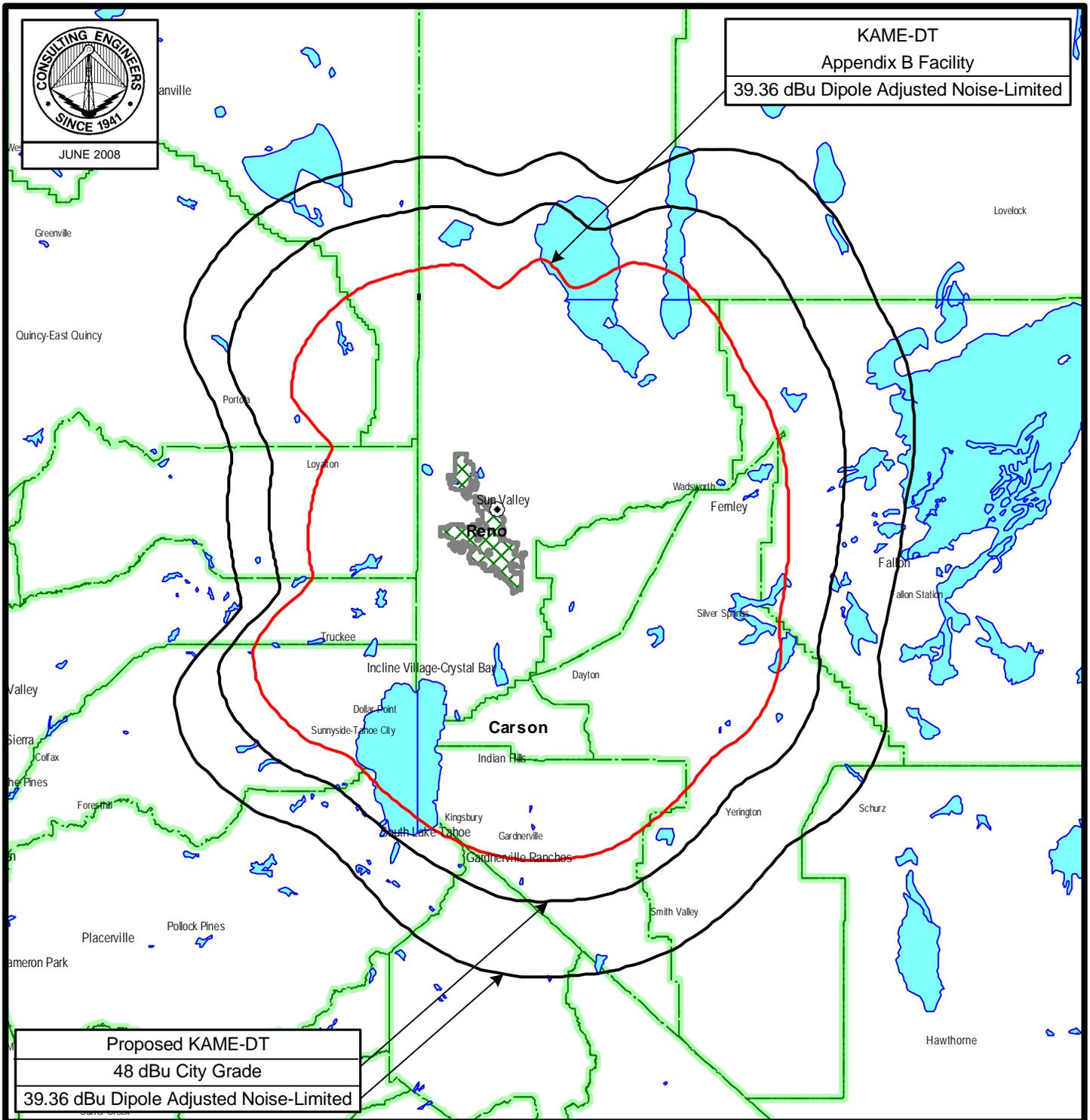
DTV STATION KAME-DT

RENO, NEVADA

CH 20 1000 KW 187 M

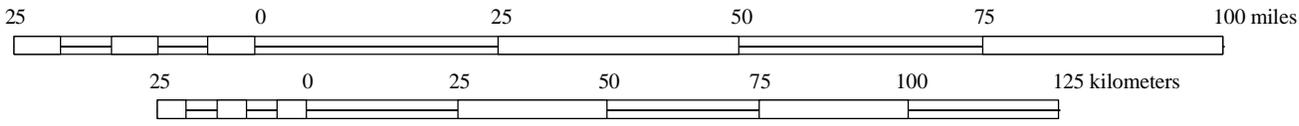
du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



KAME-DT
Appendix B Facility
39.36 dBu Dipole Adjusted Noise-Limited

Proposed KAME-DT
48 dBu City Grade
39.36 dBu Dipole Adjusted Noise-Limited



PREDICTED COVERAGE CONTOURS
STATION KAME-DT
RENO, NEVADA
CH 20 1000 KW 187 M
du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 3

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

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-16-2008 Time: 19:59:17

Record Selected for Analysis

KAME USERRECORD-01 RENO NV US
Channel 20 ERP 1000. kW HAAT 195. m RCAMSL 01715 m
Latitude 039-35-03 Longitude 0119-47-51
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.50 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	84.2	71.7
45.0	1000.000	276.4	93.6
90.0	1000.000	225.0	85.9
135.0	1000.000	265.4	91.8
180.0	1000.000	321.3	99.1
225.0	1000.000	189.4	82.5
270.0	1000.000	33.0	58.6
315.0	1000.000	167.4	80.6

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KAME 20 RENO NV USERRECORD01

Figure 3

and station

SHORT TO: 960920WT 16 YERINGTON NV BPET 19960920WT
038-59-44 0119-01-1
Req. separation => 24.1 <= 96.6 Actual separation 93.8 Short 2.8(69.7) km

SHORT TO: KCVU 20 PARADISE CA BLCDT 20061003ADW
039-57-49 0121-42-38
Req. separation 223.7 Actual separation 169.2 Short 54.5 km

SHORT TO: KCVU 20 PARADISE CA DTVPLN DTVP0719
39 -57-50 121 -42-38
Req. separation 223.7 Actual separation 169.2 Short 54.5 km

SHORT TO: KAME-TV 20 RENO NV BLCDT 20020528AAY
039-35- 3 0119-47-51
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: KAME-TV 20 RENO NV DTVPLN DTVP0736
39 -35-03 119 -47-51
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: KREN-TV 27 RENO NV BSTA 20060221AEH
039-18-47 0119-52-59
Req. separation => 24.1 <= 96.6 Actual separation 31.0 Short 65.6(6.9) km

SHORT TO: KREN-TV 27 RENO NV BPCT 20040507AAV
039-18-47 0119-52-59
Req. separation => 24.1 <= 96.6 Actual separation 31.0 Short 65.6(6.9) km

SHORT TO: KREN-TV 27 RENO NV BSTA 20051117AAC
039-18-47 0119-52-59
Req. separation => 24.1 <= 96.6 Actual separation 31.0 Short 65.6(6.9) km

SHORT TO: KREN-TV 27 RENO NV BLCT 19861016KF
039-18-47 0119-52-59
Req. separation => 24.1 <= 96.6 Actual separation 31.0 Short 65.6(6.9) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Figure 3

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 Call	City/State	ARN
20	KAME	RENO NV	USERRECORD01

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KBBC-TV	BISHOP CA	279.2	CP	BPCDT -20080317AHN
20	KBBC-TV	BISHOP CA	279.2	PLN	DTVPLN -DTVP0717
20	KFTV	HANFORD CA	281.0	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	281.0	PLN	DTVPLN -DTVP0718
20	KCVU	PARADISE CA	168.8	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	168.8	PLN	DTVPLN -DTVP0719
21	KMAX-TV	SACRAMENTO CA	207.2	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	207.2	PLN	DTVPLN -DTVP0752

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KBBC-TV	BISHOP CA	BPCDT -20080317AHN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KFTV	HANFORD CA	116.5	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	116.5	PLN	DTVPLN -DTVP0718
20	KCVU	PARADISE CA	417.1	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	417.1	PLN	DTVPLN -DTVP0719
20	KAME-TV	RENO NV	279.2	PLN	DTVPLN -DTVP0736
20	KAME	RENO NV	279.2	APP	USERRECORD-01

Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 1
 Before Analysis

Results for: 20A CA BISHOP BPCDT 20080317AHN CP

Figure 3

HAAT	924.0 m, ATV ERP	1.9 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			24896	16792.0
not affected by terrain losses			20657	12062.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			0	0.0
lost to ATV IX only			0	0.0
lost to all IX			0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 20A CA BISHOP BPCDT 20080317AHN CP

HAAT	924.0 m, ATV ERP	1.9 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			24896	16792.0
not affected by terrain losses			20657	12062.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			5	5.0
lost to ATV IX only			5	5.0
lost to all IX			5	5.0

Potential Interfering Stations Included in above Scenario 1

20A NV RENO USERRECORD01 APP

Percent new IX = 0.0242%

Worst case new IX 0.0242% Scenario 1

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KBBC-TV	BISHOP CA	DTVPLN -DTVP0717

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KFTV	HANFORD CA	116.5	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	116.5	PLN	DTVPLN -DTVP0718
20	KCVU	PARADISE CA	417.1	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	417.1	PLN	DTVPLN -DTVP0719
20	KAME-TV	RENO NV	279.2	PLN	DTVPLN -DTVP0736
20	KAME	RENO NV	279.2	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 3

Figure 3

Analysis of current record
 Channel Call City/State Application Ref. No.
 20 KFTV HANFORD CA BLCDT -20020906ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KBBC-TV	BISHOP CA	116.5	CP	BPCDT -20080317AHN
20	KBBC-TV	BISHOP CA	116.5	PLN	DTVPLN -DTV0717
20	KCVU	PARADISE CA	377.5	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	377.6	PLN	DTVPLN -DTV0719
20	KAME-TV	RENO NV	281.0	PLN	DTVPLN -DTV0736
21	KMAX-TV	SACRAMENTO CA	224.5	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	224.5	PLN	DTVPLN -DTV0752
20	KAME	RENO NV	281.0	APP	USERRECORD-01

Total scenarios = 2

Result key: 2
 Scenario 1 Affected station 3
 Before Analysis

Results for: 20A CA HANFORD BLCDT 20020906ABE LIC

HAAT	580.0 m, ATV ERP	350.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			1522490	31246.2
not affected by terrain losses			1509730	28536.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			217	8.0
lost to ATV IX only			217	8.0
lost to all IX			217	8.0

Potential Interfering Stations Included in above Scenario 1

20A CA PARADISE BLCDT 20061003ADW LIC

After Analysis

Results for: 20A CA HANFORD BLCDT 20020906ABE LIC

HAAT	580.0 m, ATV ERP	350.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			1522490	31246.2
not affected by terrain losses			1509730	28536.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			217	13.0
lost to ATV IX only			217	13.0
lost to all IX			217	13.0

Potential Interfering Stations Included in above Scenario 1

20A CA PARADISE BLCDT 20061003ADW LIC
 20A NV RENO USERRECORD01 APP

Percent new IX = 0.0000%

Figure 3

Result key: 3
 Scenario 2 Affected station 3
 Before Analysis

Results for: 20A CA HANFORD BLCDT 20020906ABE LIC

HAAT	580.0 m, ATV ERP	350.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			1522490	31246.2
not affected by terrain losses			1509730	28536.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			242	13.0
lost to ATV IX only			242	13.0
lost to all IX			242	13.0

Potential Interfering Stations Included in above Scenario 2

20A CA PARADISE DTVPLN DTV0719 PLN

After Analysis

Results for: 20A CA HANFORD BLCDT 20020906ABE LIC

HAAT	580.0 m, ATV ERP	350.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			1522490	31246.2
not affected by terrain losses			1509730	28536.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			242	18.0
lost to ATV IX only			242	18.0
lost to all IX			242	18.0

Potential Interfering Stations Included in above Scenario 2

20A CA PARADISE DTVPLN DTV0719 PLN
 20A NV RENO USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record
 Channel Call City/State Application Ref. No.
 20 KFTV HANFORD CA DTVPLN -DTV0718

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KBBC-TV	BISHOP CA	116.5	CP	BPCDT -20080317AHN
20	KBBC-TV	BISHOP CA	116.5	PLN	DTVPLN -DTV0717
20	KCVU	PARADISE CA	377.5	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	377.6	PLN	DTVPLN -DTV0719

Figure 3

20	KAME-TV	RENO NV	281.0	PLN	DTVPLN	-DTVP0736
21	KMAX-TV	SACRAMENTO CA	224.5	LIC	BLCDT	-20041018ABT
21	KMAX-TV	SACRAMENTO CA	224.5	PLN	DTVPLN	-DTVP0752
20	KAME	RENO NV	281.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 4
 Scenario 1 Affected station 4
 Before Analysis

Results for: 20A CA HANFORD DTVPLN DTVP0718 PLN
 HAAT 580.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1522490	31246.2
not affected by terrain losses	1509730	28536.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217	8.0
lost to ATV IX only	217	8.0
lost to all IX	217	8.0

Potential Interfering Stations Included in above Scenario 1

20A CA PARADISE BLCDT 20061003ADW LIC

After Analysis

Results for: 20A CA HANFORD DTVPLN DTVP0718 PLN
 HAAT 580.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1522490	31246.2
not affected by terrain losses	1509730	28536.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217	13.0
lost to ATV IX only	217	13.0
lost to all IX	217	13.0

Potential Interfering Stations Included in above Scenario 1

20A CA PARADISE BLCDT 20061003ADW LIC
 20A NV RENO USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 5
 Scenario 2 Affected station 4
 Before Analysis

Results for: 20A CA HANFORD DTVPLN DTVP0718 PLN
 HAAT 580.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1522490	31246.2
not affected by terrain losses	1509730	28536.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	242	13.0
lost to ATV IX only	242	13.0

Figure 3

lost to all IX 242 13.0

Potential Interfering Stations Included in above Scenario 2

20A CA PARADISE DTVPLN DTVP0719 PLN

After Analysis

Results for: 20A CA HANFORD DTVPLN DTVP0718 PLN
 HAAT 580.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1522490	31246.2
not affected by terrain losses	1509730	28536.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	242	18.0
lost to ATV IX only	242	18.0
lost to all IX	242	18.0

Potential Interfering Stations Included in above Scenario 2

20A CA PARADISE DTVPLN DTVP0719 PLN
 20A NV RENO USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KCVU	PARADISE CA	BLCDT -20061003ADW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KBBC-TV	BISHOP CA	417.1	CP	BPCDT -20080317AHN
20	KBBC-TV	BISHOP CA	417.1	PLN	DTVPLN -DTVP0717
20	KFTV	HANFORD CA	377.5	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	377.5	PLN	DTVPLN -DTVP0718
20	KAME-TV	RENO NV	168.8	PLN	DTVPLN -DTVP0736
21	KMAX-TV	SACRAMENTO CA	189.8	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	189.8	PLN	DTVPLN -DTVP0752
20	KAME	RENO NV	168.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 6
 Scenario 1 Affected station 5
 Before Analysis

Results for: 20A CA PARADISE BLCDT 20061003ADW LIC

Figure 3

HAAT 449.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	513109	22680.4
not affected by terrain losses	499675	20243.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7	4.9
lost to ATV IX only	7	4.9
lost to all IX	7	4.9

Potential Interfering Stations Included in above Scenario 1

21A CA SACRAMENTO BLCDT 20041018ABT LIC

After Analysis

Results for: 20A CA PARADISE BLCDT 20061003ADW LIC

HAAT 449.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	513109	22680.4
not affected by terrain losses	499675	20243.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11	79.6
lost to ATV IX only	11	79.6
lost to all IX	11	79.6

Potential Interfering Stations Included in above Scenario 1

21A CA SACRAMENTO BLCDT 20041018ABT LIC
 20A NV RENO USERRECORD01 APP

Percent new IX = 0.0008%

Result key: 7
 Scenario 2 Affected station 5
 Before Analysis

Results for: 20A CA PARADISE BLCDT 20061003ADW LIC

HAAT 449.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	513109	22680.4
not affected by terrain losses	499675	20243.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7	4.9
lost to ATV IX only	7	4.9
lost to all IX	7	4.9

Potential Interfering Stations Included in above Scenario 2

21A CA SACRAMENTO DTVPLN DTVP0752 PLN

After Analysis

Results for: 20A CA PARADISE BLCDT 20061003ADW LIC

HAAT 449.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	513109	22680.4
not affected by terrain losses	499675	20243.0

Figure 3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	11	79.6
lost to ATV IX only	11	79.6
lost to all IX	11	79.6

Potential Interfering Stations Included in above Scenario 2

21A CA SACRAMENTO DTVPLN DTVP0752 PLN
 20A NV RENO USERRECORD01 APP

Percent new IX = 0.0008%

Worst case new IX 0.0008% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KCVU	PARADISE CA	DTVPLN -DTVP0719

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KBBC-TV	BISHOP CA	417.1	CP	BPCDT -20080317AHN
20	KBBC-TV	BISHOP CA	417.1	PLN	DTVPLN -DTVP0717
20	KFTV	HANFORD CA	377.6	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	377.6	PLN	DTVPLN -DTVP0718
20	KAME-TV	RENO NV	168.8	PLN	DTVPLN -DTVP0736
21	KMAX-TV	SACRAMENTO CA	189.8	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	189.8	PLN	DTVPLN -DTVP0752
20	KAME	RENO NV	168.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KMAX-TV	SACRAMENTO CA	BLCDT -20041018ABT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KFTV	HANFORD CA	224.5	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	224.5	PLN	DTVPLN -DTVP0718
20	KCVU	PARADISE CA	189.8	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	189.8	PLN	DTVPLN -DTVP0719
20	KAME-TV	RENO NV	207.2	PLN	DTVPLN -DTVP0736
20	KAME	RENO NV	207.2	APP	USERRECORD-01

Proposal causes no interference

Figure 3

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KMAX-TV	SACRAMENTO CA	DTVPLN -DTVP0752

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KFTV	HANFORD CA	224.5	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	224.5	PLN	DTVPLN -DTVP0718
20	KCVU	PARADISE CA	189.8	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	189.8	PLN	DTVPLN -DTVP0719
20	KAME-TV	RENO NV	207.2	PLN	DTVPLN -DTVP0736
20	KAME	RENO NV	207.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KAME	RENO NV	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KBBC-TV	BISHOP CA	279.2	CP	BPCDT -20080317AHN
20	KBBC-TV	BISHOP CA	279.2	PLN	DTVPLN -DTVP0717
20	KFTV	HANFORD CA	281.0	LIC	BLCDT -20020906ABE
20	KFTV	HANFORD CA	281.0	PLN	DTVPLN -DTVP0718
20	KCVU	PARADISE CA	168.8	LIC	BLCDT -20061003ADW
20	KCVU	PARADISE CA	168.8	PLN	DTVPLN -DTVP0719
21	KMAX-TV	SACRAMENTO CA	207.2	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	207.2	PLN	DTVPLN -DTVP0752

Total scenarios = 2

Result key: 8

Scenario 1 Affected station 9

Before Analysis

Results for: 20A NV RENO USERRECORD01 APP

HAAT	195.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour		564793	24071.6
not affected by terrain losses		472934	14464.1
lost to NTSC IX		0	0.0

Figure 3

lost to additional IX by ATV	414	18.8
lost to ATV IX only	414	18.8
lost to all IX	414	18.8

Potential Interfering Stations Included in above Scenario 1

20A CA PARADISE BLCDT 20061003ADW LIC

Result key: 9

Scenario 2 Affected station 9

Before Analysis

Results for: 20A NV RENO USERRECORD01 APP

HAAT	195.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour		564793	24071.6
not affected by terrain losses		472934	14464.1
lost to NTSC IX		0	0.0
lost to additional IX by ATV		1662	92.0
lost to ATV IX only		1662	92.0
lost to all IX		1662	92.0

Potential Interfering Stations Included in above Scenario 2

20A CA PARADISE DTVPLN DTVP0719 PLN

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