

# **DELAWDER COMMUNICATIONS, INC.**

2121 Eisenhower Avenue, Suite 200

Alexandria, Virginia 22314

(703) 299-9222

## **ENGINEERING REPORT**

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KCIO-LP, Barstow (change to Victorville), CA LPTV Analog Minor Modification

### **EXHIBIT 8**

#### **LPTV MINOR MODIFICATION – INTERFERENCE STUDIES**

1. Ms. Obidia Porras (“Applicant”) is the licensee of KCIO-LP, Barstow, CA, Channel 6(-). By this analog minor modification application, Applicant proposes a site change to the existing Cline Springs tower site (near the Goat Mountain Range) and to make technical facility changes to accommodate the site change. The community of license is also being changed to Victorville, CA. The Applicant will continue to operate on channel 6(-) from the new transmitter site.

2. The use of minus frequency offset is made in order to add protection to and from any nearby analog co-channel station. The applicant will maintain the requested offset per 47 C.F.R. Section 74.761 by use of a precision oscillator supplied by the transmitter manufacturer.

3. Although the proposed transmitter site is located only 234 kilometers from Mexico, this application does not require coordination with Mexico at the proposed maximum ERP of 1 kW.

4. Attached as Figure 1 is a map showing the required overlap between the 62 dBu F50,50 service contours of the licensed and herein proposed KCIO-LP facilities.

5. Attached as Figure 2 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications’ SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC’s OET-69 processing program.) As demonstrated by Figure 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

6. Regarding protection to K06IQ, zero precision frequency offset has been added to this facility by the Applicant in the OET69 analysis. K06IQ does not specify frequency offset. If K06IQ does not employ the appropriate transmitter stability necessary in order to receive the added protection benefit due to frequency offset, Applicant will bear all expenses to improve K06IQ's frequency tolerance to those specified by 47 C.F.R. Section 74.761, so that K06IQ operates with zero offset. As demonstrated by Figure 2, K06IQ is adequately protected by the herein proposed facility when precision frequency offset is employed. (See “Affected Station 10” results of Figure 2.)

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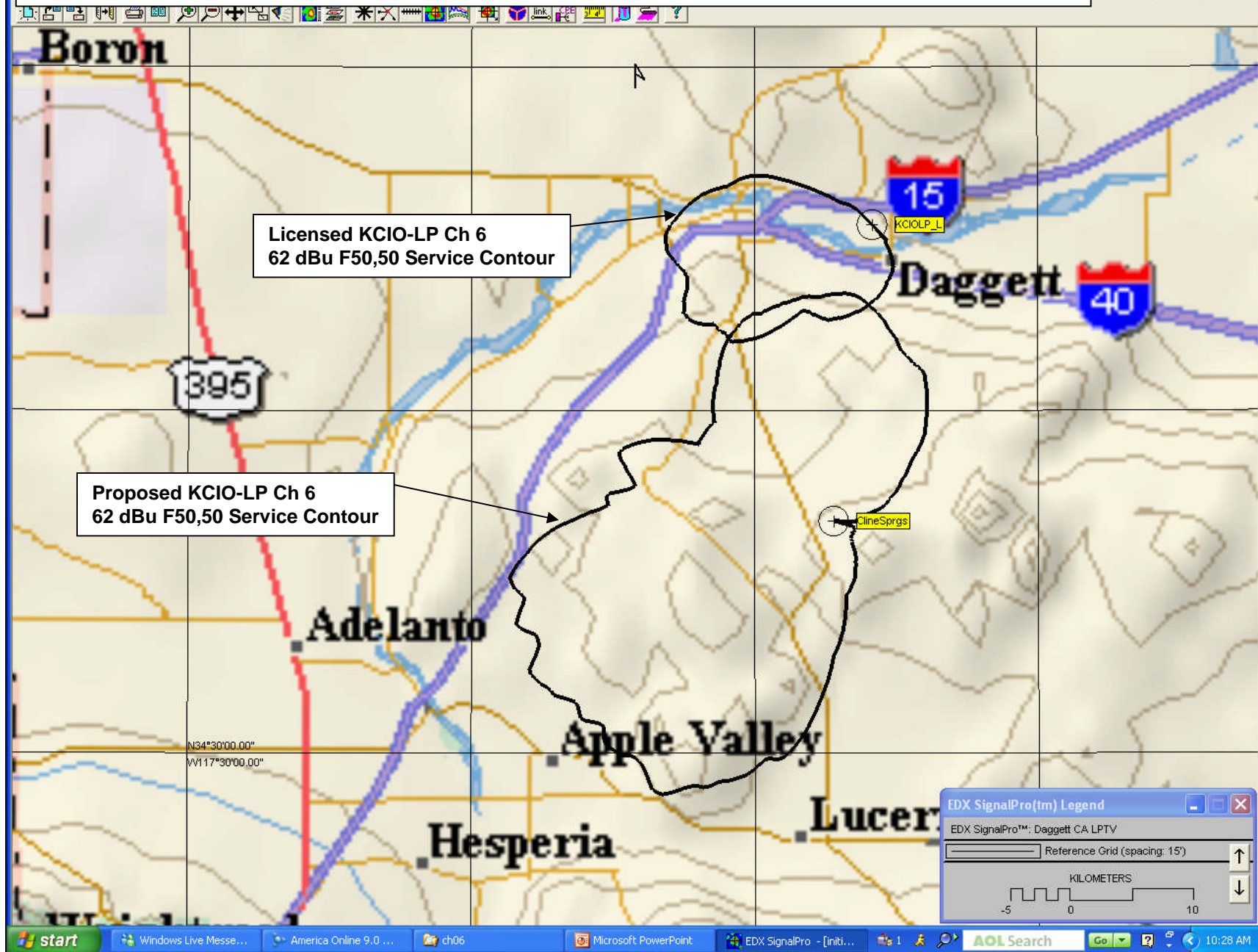
**ENGINEERING REPORT**

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7. The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any licensed or authorized secondary TV station, or by any secondary TV facility that is given preferential status by the FCC over the Applicant's herein proposed facility.

**FIGURE 1—SERVICE CONTOUR OVERLAP SHOWING FOR KCIO-LP SITE MOVE**



## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

### TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-09-2008 Time: 10:31:59

Record Selected for Analysis

KCIO-LP USERRECORD-01 BARSTOW CA US  
Channel 06 ERP 1. kW HAAT 487. m RCAMSL 01418 m  
Latitude 034-40-10 Longitude 0116-55-51  
Status APP Zone 2 Border Offset -  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

1990 Census data selected

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	62.0 dBu F(50,50) (km)
0.0	0.106	386.1	18.4
45.0	0.027	250.4	10.5
90.0	0.002	33.0	1.9
135.0	0.000	203.8	2.1
180.0	0.014	391.2	11.1
225.0	0.789	285.8	25.9
270.0	0.433	254.3	21.3
315.0	0.022	487.1	13.7

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance

Distance to border = 234.4km

Proposed station is OK toward AM broadcast stations

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## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
06	KCIO-LP	BARSTOW CA	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KTLA	LOS ANGELES CA	115.1	LIC	BLCT	-19880908KO
06	KMOH-TV	KINGMAN AZ	237.4	LIC	BLCT	-20020627AAL
06	KRPE-LP	BANNING CA	93.3	CP	BDISTVL	-20060331APS
06	K06MU	BIG BEAR LAKE CA	47.8	LIC	BLTVL	-20030814AJL
06	NEW	CALIENTE CA	145.9	APP	BNPTVL	-20000831BZW
06	NEW	LOS ANGELES CA	115.4	APP	BDCCDVL	-20061030ASV
06	K61AJ	PALMDALE CA	76.6	APP	BDFCDTV	-20061213ACZ
06	K61AJ	PALMDALE CA	113.9	APP	BSTA	-20070413AFK
06	KSFV-LP	SAN FERNANDO VALLEY CA	115.4	CP	BPTVL	-20021018AAZ
06	K06IQZAD	NEWBERRY SPRGS CA	29.3	APP	USERRECORD-02	

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### Analysis of Interference to Affected Station 1

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	KTLATV	LOS ANGELES CA	DTVPLN	-NPLN0340

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KVVUTV	HENDERSON NV	341.3	PLN	DTVPLN	-NPLN0366

Results for:	5N CA LOS ANGELES	DTVPLN	NPLN0340	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour	14552737	52051.6		
not affected by terrain losses	14446403	48200.3		
lost to NTSC IX	45079	896.8		
lost to additional IX by ATV	0	0.0		
lost to all IX	45079	896.8		

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KTLA	LOS ANGELES CA	BLCT	-19880908KO

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KNSO	MERCED CA	339.4	LIC	BLCDDT	-20060705AAX
05	KNSO	MERCED CA	339.4	LIC	BPRM	-20000328ABF
05	KVVU-TV	HENDERSON NV	341.3	LIC	BLCT	-19810622KF
06	KCIO-LP	BARSTOW CA	115.1	APP	USERRECORD-01	

Total scenarios = 1

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

Result key: 1  
 Scenario 1 Affected station 1  
 Before Analysis

Results for: 5N CA LOS ANGELES	BLCT	19880908KO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	14552737	52051.6	
not affected by terrain losses	14446403	48200.3	
lost to NTSC IX	45079	896.8	
lost to additional IX by ATV	780	216.2	
lost to all IX	45859	1112.9	

Potential Interfering Stations Included in above Scenario 1

5N NV HENDERSON	BLCT	19810622KF	LIC
5A CA MERCED	BLCDDT	20060705AAX	LIC

After Analysis

Results for: 5N CA LOS ANGELES	BLCT	19880908KO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	14552737	52051.6	
not affected by terrain losses	14446403	48200.3	
lost to NTSC IX	45079	920.8	
lost to additional IX by ATV	780	216.2	
lost to all IX	45859	1137.0	

Potential Interfering Stations Included in above Scenario 1

5N NV HENDERSON	BLCT	19810622KF	LIC
5A CA MERCED	BLCDDT	20060705AAX	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.3	to BLCT	19880908KO
*Percent Service lost with proposal:	0.3	to BLCT	19880908KO

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
06	KMOHTV	KINGMAN AZ	DTVPLN	-NPLN0395

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KVVUTV	HENDERSON NV	122.9	PLN	DTVPLN	-NPLN0366

Results for: 6N AZ KINGMAN	DTVPLN	NPLN0395	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	136087	49062.5	
not affected by terrain losses	126364	39519.6	
lost to NTSC IX	12667	1785.0	

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

lost to additional IX by ATV	0	0.0
lost to all IX	12667	1785.0

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KMOH-TV	KINGMAN AZ	BLCT	-20020627AAL

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KVVU-TV	HENDERSON NV	122.9	LIC	BLCT	-19810622KF
06	KBNY	CALIENTE NV	306.0	ADD	BPRM	-20000717ABW
06	KCIO-LP	BARSTOW CA	237.4	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.
06	KRPE-LP	BANNING CA	BDISTVL	-20060331APS

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	NEW	FOREST FALLS CA	33.5	APP	BDCCDVL	-20061030AQW
05	KEVC-CA	INDIO CA	67.4	LIC	BLTVL	-19990811JB
05	KTLA	LOS ANGELES CA	111.5	LIC	BLCT	-19880908KO
06	KMOH-TV	KINGMAN AZ	272.2	LIC	BLCT	-20020627AAL
06	KCIO-LP	BARSTOW CA	117.4	LIC	BLTVL	-20071026ACE
06	K06MU	BIG BEAR LAKE CA	45.7	LIC	BLTVL	-20030814AJL
06	K06MB	INDIO CA	67.3	LIC	BLTVA	-20050315AGG
06	K61AJ	INYOKERN, ETC. CA	195.1	CP	BPTTV	-20041129ABR
06	NEW	JOHANNESBURG CA	181.6	APP	BNPTVL	-20000829AXH
06	NEW	JOSHUA TREE CA	78.0	APP	BNPTVL	-20000829AXS
06	K61AJ	PALMDALE CA	88.0	APP	BDFCDTV	-20061213ACZ
06	KSFV-LP	SAN FERNANDO VALLEY CA	110.6	CP	BPTVL	-20021018AAZ
06	KSBY	SAN LUIS OBISPO CA	379.0	LIC	BMLCT	-19860228KG
06	KCIO-LP	BARSTOW CA	93.3	APP	USERRECORD-01	
06	K06IQZAD	NEWBERRY SPRGS CA	114.4	APP	USERRECORD-02	

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.
06	K06MU	BIG BEAR LAKE CA	BLTVL	-20030814AJL

### Stations Potentially Affecting This Station

**FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6**

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KTLA	LOS ANGELES CA	105.9	LIC	BLCT	-19880908KO
06	KMOH-TV	KINGMAN AZ	249.1	LIC	BLCT	-20020627AAL
06	KRPE-LP	BANNING CA	45.7	CP	BDISTVL	-20060331APS
06	KCIO-LP	BARSTOW CA	71.7	LIC	BLTVL	-20071026ACE
06	NEW	CALIENTE CA	170.3	APP	BNPTVL	-20000831BZW
06	K06MB	INDIO CA	79.9	LIC	BLTVA	-20050315AGG
06	K61AJ	INYOKERN, ETC. CA	156.4	CP	BPTTV	-20041129ABR
06	NEW	JOHANNESBURG CA	141.3	APP	BNPTVL	-20000829AXH
06	NEW	JOSHUA TREE CA	66.0	APP	BNPTVL	-20000829AXS
06	K61AJ	PALMDALE CA	70.9	APP	BDFCDTV	-20061213ACZ
06	KSFV-LP	SAN FERNANDO VALLEY CA	105.6	CP	BPTVL	-20021018AAZ
06	KSBY	SAN LUIS OBISPO CA	363.5	LIC	BMLCT	-19860228KG
06	KCIO-LP	BARSTOW CA	47.8	APP	USERRECORD-01	
06	K06IQZAD	NEWBERRY SPRGS CA	69.4	APP	USERRECORD-02	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 5

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	NEW	CALIENTE CA	BNPTVL	-20000831BZW

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	NEW	BAKERSFIELD CA	36.6	APP	BNPTVL	-20000828BEJ
05	KTLA	LOS ANGELES CA	105.9	LIC	BLCT	-19880908KO
06	KMOH-TV	KINGMAN AZ	369.7	LIC	BLCT	-20020627AAL
06	NEW	BAKERSFIELD CA	38.9	APP	BNPTVL	-20000831BGT
06	KCIO-LP	BARSTOW CA	142.2	LIC	BLTVL	-20071026ACE
06	K06MU	BIG BEAR LAKE CA	170.3	LIC	BLTVL	-20030814AJL
06	K61AJ	INYOKERN, ETC. CA	65.1	CP	BPTTV	-20041129ABR
06	NEW	JOHANNESBURG CA	76.0	APP	BNPTVL	-20000829AXH
06	KSFV-LP	SAN FERNANDO VALLEY CA	107.5	CP	BPTVL	-20021018AAZ
06	KSBY	SAN LUIS OBISPO CA	203.7	LIC	BMLCT	-19860228KG
06	NEW	TEHACHAPI CA	1.7	APP	BNPTVL	-20000831BOQ
06	KCIO-LP	BARSTOW CA	145.9	APP	USERRECORD-01	

Total scenarios = 5

Result key: 3

Scenario 1 Affected station 5

Before Analysis

Results for:	6N CA CALIENTE	BNPTVL	20000831BZW	APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		24426	1216.2	
not affected by terrain losses		22902	988.2	
lost to NTSC IX		416	92.0	
lost to additional IX by ATV		0	0.0	
lost to all IX		416	92.0	



## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

Potential Interfering Stations Included in above Scenario 1

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	416	108.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	416	108.0	

Potential Interfering Stations Included in above Scenario 1

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	1.7	to BNPTVL	20000831BZW
*Percent Service lost with proposal:	1.7	to BNPTVL	20000831BZW

Result key: 4  
 Scenario 2 Affected station 5  
 Before Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	21131	460.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	21131	460.1	

Potential Interfering Stations Included in above Scenario 2

5N CA BAKERSFIELD	BNPTVL	20000828BEJ	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP

After Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	21131	468.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	21131	468.1	

Potential Interfering Stations Included in above Scenario 2

5N CA BAKERSFIELD	BNPTVL	20000828BEJ	APP
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## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	86.5	to BNPTVL	20000831BZW
*Percent Service lost with proposal:	86.5	to BNPTVL	20000831BZW

Result key: 5  
 Scenario 3 Affected station 5  
 Before Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	518	124.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	518	124.0	

Potential Interfering Stations Included in above Scenario 3

5N CA BAKERSFIELD	BNPTVL	20000828BEJ	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	518	140.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	518	140.0	

Potential Interfering Stations Included in above Scenario 3

5N CA BAKERSFIELD	BNPTVL	20000828BEJ	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	2.1	to BNPTVL	20000831BZW
*Percent Service lost with proposal:	2.1	to BNPTVL	20000831BZW

Result key: 6  
 Scenario 4 Affected station 5  
 Before Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	21131	452.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	21131	452.1	

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

Potential Interfering Stations Included in above Scenario 4

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP

After Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	21131	460.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	21131	460.1	

Potential Interfering Stations Included in above Scenario 4

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	86.5	to BNPTVL	20000831BZW
*Percent Service lost with proposal:	86.5	to BNPTVL	20000831BZW

Result key: 7  
 Scenario 5 Affected station 5  
 Before Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	416	92.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	416	92.0	

Potential Interfering Stations Included in above Scenario 5

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6N CA CALIENTE	BNPTVL	20000831BZW	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24426	1216.2	
not affected by terrain losses	22902	988.2	
lost to NTSC IX	416	108.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	416	108.0	

Potential Interfering Stations Included in above Scenario 5

6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
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## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

6N CA SAN LUIS OBISPO BMLCT 19860228KG LIC  
 6N CA BARSTOW USERRECORD01 APP  
 \*Percent Service lost without proposal: 1.7 to BNPTVL 20000831BZW  
 \*Percent Service lost with proposal: 1.7 to BNPTVL 20000831BZW

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### Analysis of Interference to Affected Station 6

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	NEW	LOS ANGELES CA	BDCCDVL	-20061030ASV

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KTLA	LOS ANGELES CA	1.6	LIC	BLCT	-19880908KO
06	KMOH-TV	KINGMAN AZ	350.1	LIC	BLCT	-20020627AAL
06	KRPE-LP	BANNING CA	110.6	CP	BDISTVL	-20060331APS
06	K06MU	BIG BEAR LAKE CA	105.6	LIC	BLTVL	-20030814AJL
06	NEW	CALIENTE CA	107.5	APP	BNPTVL	-20000831BZW
06	K61AJ	INYOKERN, ETC. CA	137.8	CP	BPTTV	-20041129ABR
06	K61AJ	PALMDALE CA	38.9	APP	BDFCDTV	-20061213ACZ
06	KSFV-LP	SAN FERNANDO VALLEY CA	0.0	CP	BPTVL	-20021018AAZ
06	KSBY	SAN LUIS OBISPO CA	268.9	LIC	BMLCT	-19860228KG
06	NEW	TEHACHAPI CA	108.1	APP	BNPTVL	-20000831BOQ
06	KCIO-LP	BARSTOW CA	115.4	APP	USERRECORD-01	

Total scenarios = 9

Result key: 8  
 Scenario 1 Affected station 6  
 Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

#### Potential Interfering Stations Included in above Scenario 1

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 1

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

Result key: 9  
Scenario 2 Affected station 6  
Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 2

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 2

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

Result key: 10  
 Scenario 3 Affected station 6  
 Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP

HAAT 1.0 m, ATV ERP 0.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 3

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP

HAAT 1.0 m, ATV ERP 0.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

lost to all IX 11980013 10898.5

Potential Interfering Stations Included in above Scenario 3

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BDCCDVL 20061030ASV
*Percent Service lost with proposal:		0.0	to BDCCDVL 20061030ASV

Result key: 11  
 Scenario 4 Affected station 6  
 Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 4

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 4

6N AZ KINGMAN	BLCT	20020627AAL	LIC
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## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

Result key: 12  
 Scenario 5 Affected station 6  
 Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 5

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 5

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA CALIENTE	BNPTVL	20000831BZW	APP
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC



## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

6N CA BARSTOW                      USERRECORD01                      APP  
 \*Percent Service lost without proposal:                      0.0    to BDCCDVL    20061030ASV  
 \*Percent Service lost with proposal:                      0.0    to BDCCDVL    20061030ASV

Result key:                      13  
 Scenario                      6    Affected station                      6  
 Before Analysis

Results for:    6A CA LOS ANGELES                      BDCCDVL    20061030ASV    APP  
                  HAAT            1.0 m, ATV ERP            0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario                      6

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP

After Analysis

Results for:    6A CA LOS ANGELES                      BDCCDVL    20061030ASV    APP  
                  HAAT            1.0 m, ATV ERP            0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario                      6

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

Result key: 14  
Scenario 7 Affected station 6  
Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 7

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 7

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA TEHACHAPI	BNPTVL	20000831BOQ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

Result key: 15  
Scenario 8 Affected station 6  
Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

POPULATION	AREA (sq km)
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## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	5583301	5067.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 8

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP

HAAT	1.0 m, ATV ERP	0.3 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	12354238	14364.5	
not affected by terrain losses	12325094	13920.3	
lost to NTSC IX	11980013	10898.5	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	5583301	5067.0	
lost to all IX	11980013	10898.5	

Potential Interfering Stations Included in above Scenario 8

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6A CA PALMDALE	BDFCDTV	20061213ACZ	APP
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

Result key: 16  
 Scenario 9 Affected station 6  
 Before Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP

HAAT	1.0 m, ATV ERP	0.3 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	12354238	14364.5	
not affected by terrain losses	12325094	13920.3	
lost to NTSC IX	11980013	10898.5	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	0	0.0	
lost to all IX	11980013	10898.5	

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

Potential Interfering Stations Included in above Scenario 9

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6A CA LOS ANGELES BDCCDVL 20061030ASV APP  
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12354238	14364.5
not affected by terrain losses	12325094	13920.3
lost to NTSC IX	11980013	10898.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	11980013	10898.5

Potential Interfering Stations Included in above Scenario 9

6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA BIG BEAR LAKE	BLTVL	20030814AJL	LIC
6N CA INYOKERN, ETC.	BPTTV	20041129ABR	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDCCDVL	20061030ASV
*Percent Service lost with proposal:	0.0	to BDCCDVL	20061030ASV

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	K61AJ	PALMDALE CA	BDFCDTV -20061213ACZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KTLA	LOS ANGELES CA	38.6	LIC	BLCT -19880908KO
06	KMOH-TV	KINGMAN AZ	311.6	LIC	BLCT -20020627AAL
06	KRPE-LP	BANNING CA	88.0	CP	BDISTVL -20060331APS
06	K06MU	BIG BEAR LAKE CA	70.9	LIC	BLTVL -20030814AJL
06	NEW	CALIENTE CA	110.8	APP	BNPTVL -20000831BZW
06	K06MB	INDIO CA	146.6	LIC	BLTVA -20050315AGG
06	NEW	JOHANNESBURG CA	112.5	APP	BNPTVL -20000829AXH
06	NEW	LOS ANGELES CA	38.9	APP	BDCCDVL -20061030ASV
06	KSFV-LP	SAN FERNANDO VALLEY CA	38.9	CP	BPTVL -20021018AAZ
06	KSBY	SAN LUIS OBISPO CA	294.2	LIC	BMLCT -19860228KG

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

06	NEW	TEHACHAPI CA	111.9	APP	BNPTVL	-20000831BOQ
06	KCIO-LP	BARSTOW CA	76.6	APP	USERRECORD-01	

Total scenarios = 17

Result key: 17  
 Scenario 1 Affected station 7  
 Before Analysis

Results for: 6A CA PALMDALE BDFCDTV 20061213ACZ APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6734688	8805.6
not affected by terrain losses	6668400	8745.0
lost to NTSC IX	5163927	2003.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	5163927	2003.5

Potential Interfering Stations Included in above Scenario 1

5N CA LOS ANGELES	BLCT	19880908KO	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6A CA PALMDALE BDFCDTV 20061213ACZ APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6734688	8805.6
not affected by terrain losses	6668400	8745.0
lost to NTSC IX	5166155	2108.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	5166155	2108.5

Potential Interfering Stations Included in above Scenario 1

5N CA LOS ANGELES	BLCT	19880908KO	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BDFCDTV 20061213ACZ
*Percent Service lost with proposal:		0.1	to BDFCDTV 20061213ACZ

Result key: 33  
 Scenario 17 Affected station 7  
 Before Analysis

Results for: 6A CA PALMDALE BDFCDTV 20061213ACZ APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
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## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

within Noise Limited Contour	6734688	8805.6
not affected by terrain losses	6668400	8745.0
lost to NTSC IX	5163927	2003.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	5163927	2003.5

Potential Interfering Stations Included in above Scenario 17

5N CA LOS ANGELES	BLCT	19880908KO	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC

After Analysis

Results for: 6A CA PALMDALE BDFCDTV 20061213ACZ APP  
 HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6734688	8805.6
not affected by terrain losses	6668400	8745.0
lost to NTSC IX	5166155	2108.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	5166155	2108.5

Potential Interfering Stations Included in above Scenario 17

5N CA LOS ANGELES	BLCT	19880908KO	LIC
6N CA BANNING	BDISTVL	20060331APS	CP
6N CA SAN FERNANDO VALLEY	BPTVL	20021018AAZ	CP
6N CA SAN LUIS OBISPO	BMLCT	19860228KG	LIC
6N CA BARSTOW	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BDFCDTV	20061213ACZ
*Percent Service lost with proposal:	0.1	to BDFCDTV	20061213ACZ

(NOTE: VARIOUS SCENARIOS WITH PENDING APPLICATIONS ALSO SHOW ONLY A 0.1 PERCENT INTERFERENCE INCREASE. THESE OTHER 15 SCENARIOS ARE NOT SHOWN)

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K61AJ	PALMDALE CA	BSTA	-20070413AFK

(NOTE: THIS IS AN STA FACILITY THAT DOES NOT REQUIRE PROTECTION. STUDY REMOVED.)

#####

Analysis of Interference to Affected Station 9

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KSFV-LP	SAN FERNANDO VALLEY CA	BPTVL -20021018AAZ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KTLA	LOS ANGELES CA	1.6	LIC	BLCT -19880908KO
06	KMOH-TV	KINGMAN AZ	350.1	LIC	BLCT -20020627AAL
06	NEW	BAKERSFIELD CA	139.9	APP	BNPTVL -20000831BGT
06	KRPE-LP	BANNING CA	110.6	CP	BDISTVL -20060331APS
06	KCIO-LP	BARSTOW CA	130.3	LIC	BLTVL -20071026ACE
06	K06MU	BIG BEAR LAKE CA	105.6	LIC	BLTVL -20030814AJL
06	NEW	CALIENTE CA	107.5	APP	BNPTVL -20000831BZW
06	K06MB	INDIO CA	175.3	LIC	BLTVA -20050315AGG
06	K61AJ	INYOKERN, ETC. CA	137.8	CP	BPTTV -20041129ABR
06	NEW	JOHANNESBURG CA	133.5	APP	BNPTVL -20000829AXH
06	NEW	LOS ANGELES CA	0.0	APP	BDCCDVL -20061030ASV
06	K61AJ	PALMDALE CA	38.9	APP	BDFCDTV -20061213ACZ
06	KSBY	SAN LUIS OBISPO CA	268.9	LIC	BMLCT -19860228KG
06	NEW	TEHACHAPI CA	108.1	APP	BNPTVL -20000831BOQ
06	KCIO-LP	BARSTOW CA	115.4	APP	USERRECORD-01
06	K06IQZAD	NEWBERRY SPRGS CA	144.1	APP	USERRECORD-02

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 10

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	K06IQZAD	NEWBERRY SPRGS CA	USERRECORD-02

(NOTE: ZERO OFFSET HAS BEEN ADDED. SEE ENGINEERING WRITE-UP.)

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	KMOH-TV	KINGMAN AZ	212.0	LIC	BLCT -20020627AAL
06	NEW	BAKERSFIELD CA	199.3	APP	BNPTVL -20000831BGT
06	KRPE-LP	BANNING CA	114.4	CP	BDISTVL -20060331APS
06	KCIO-LP	BARSTOW CA	20.5	LIC	BLTVL -20071026ACE
06	K06MU	BIG BEAR LAKE CA	69.4	LIC	BLTVL -20030814AJL
06	K06MB	INDIO CA	122.1	LIC	BLTVA -20050315AGG
06	K61AJ	INYOKERN, ETC. CA	123.0	CP	BPTTV -20041129ABR
06	NEW	JOHANNESBURG CA	105.2	APP	BNPTVL -20000829AXH
06	NEW	JOSHUA TREE CA	87.3	APP	BNPTVL -20000829AXS
06	KSFV-LP	SAN FERNANDO VALLEY CA	144.1	CP	BPTVL -20021018AAZ
06	KSBY	SAN LUIS OBISPO CA	366.2	LIC	BMLCT -19860228KG
06	NEW	TEHACHAPI CA	164.3	APP	BNPTVL -20000831BOQ
06	KBNY	CALIENTE NV	381.5	ADD	BPRM -20000717ABW

Total scenarios = 1

## FIGURE 2 – OET-69 SHOWING FOR KCIO-LP, VICTORVILLE, CA, CH 6

Result key: 43  
Scenario 1 Affected station 10  
Before Analysis

Results for: 6N CA NEWBERRY SPRGS	USERRECORD02	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	291	48.2
not affected by terrain losses	224	40.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 6N CA NEWBERRY SPRGS	USERRECORD02	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	291	48.2
not affected by terrain losses	224	40.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

\*Percent new DTV interference without proposal: 0.0 USERRECORD02  
\*Percent new DTV interference with proposal: 0.0 USERRECORD02

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