

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
TW Census data selected 2000  
Data Base Selected  
/space/software/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-25-2011 Time: 10:29:49

Record Selected for Analysis

KGEC USERRECORD-01 REDDING CA US  
Channel 26 ERP 7.5 kW HAAT 533. m RCAMSL 01066 m STRINGENT MASK  
Latitude 040-39-15 Longitude 0122-31-26  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000020724 Beam tilt N Ref Azimuth 150.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station  
Service Class = LD  
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.003	86.9	6.7
45.0	0.015	675.4	26.1
90.0	0.547	794.0	49.6
135.0	6.211	840.4	66.5
180.0	3.675	678.1	60.0
225.0	0.061	256.6	24.1
270.0	0.019	515.5	25.0
315.0	0.048	416.5	27.4

Contour Overlap to Proposed Station

Station  
KGEC-LP 26 REDDING CA BLTTL19971023JG

Station inside contour of Digital LPTV station  
KGEC 26 REDDING CA USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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# Start of Interference Analysis

Channel	Call	City/State	ARN
26	KGEC	REDDING CA	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	K19FY	CHICO CA	103.2	LIC	BLTT	-20060109ABD
25	NEW	GASQUET CA	172.9	APP	BNPDTL	-20101022ACX
25	K25CI	KLAMATH CA	150.9	LIC	BLTTL	-19890623ID
25	K33HH	REDDING CA	0.3	APP	BDISDTL	-20091214AEX
25	K25IM-D	MEDFORD OR	156.8	LIC	BLDTL	-20110125ACR
25	K25LW-D	MEDFORD OR	204.1	CP	BNPDTL	-20090825BFN
26	NEW	CHICO CA	101.5	APP	BNPDTL	-20100722HYG
26	K26JV-D	HEALDSBURG CA	209.9	CP	BNPDTL	-20090825BKK
26	K26GK	LAKEPORT CA	186.2	LIC	BLTTL	-20030130AHS
26	NEW	MOUNT SHASTA CA	73.1	APP	BNPDTL	-20090825CBF
26	DK27FX	SACRAMENTO CA	227.2	APP	BPTTL	-20020816AAS
26	KTFK-DT	STOCKTON CA	282.3	LIC	BLCDT	-20090618AAD
26	KTFK-DT	STOCKTON CA	282.3	CP MOD	BMPCDT	-20080616ACI
26	NEW	YREKA CA	108.3	APP	BNPDTL	-20090825AQN
26	KREN-TV	RENO NV	269.8	LIC	BLCDT	-20090227AAM
26	K26KQ-D	CHRISTMAS VALLEY OR	380.7	CP	BNPDTT	-20100305ABP
26	K26KL-D	EUGENE OR	379.0	CP	BNPDTL	-20090825BHR
26	K26HO-D	GLIDE OR	305.3	LIC	BLDTT	-20101008ABC
26	KMVU-DT	MEDFORD OR	183.7	LIC	BLCDT	-20090527ABF
27	KUCO-LP	CHICO CA	103.2	LIC	BLTTL	-20050405AAP
27	K27BH	LAKE SHASTINA CA	95.8	LIC	BLTTL	-19890516IK
27	KUCO-LP	RED BLUFF CA	103.2	STA	BSTA	-20030417ACD
27	K27EE	UKIAH CA	177.6	CP	BDFCDTT	-20101110ADY
27	K27EE	UKIAH CA	177.6	LIC	BLTT	-19950322IC
27	K55DQ	GOLD HILL, ETC OR	201.1	CP	BDISDTL	-20100923AFA
29	K29IR	EUREKA CA	125.9	LIC	BLTTL	-20100311ABG
29	KMSX-LD	REDDING CA	13.0	APP	BSTA	-20070221ACP
33	K33JV	CHICO CA	120.0	CP	BNPTTL	-20000830BTC
33	K33DI	EAST WEED CA	85.5	LIC	BLTTL	-19910206JJ
33	KEMY-LP	EUREKA CA	122.5	LIC	BLTTL	-20050729AMZ
33	K33HH	REDDING CA	0.3	LIC	BLTTL	-20030507AAC
34	K34BW	WILLOW CREEK CA	104.0	LIC	BLTTL	-19890109IE

%%%

## Analysis of Interference to Affected Station 1

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	K19FY	CHICO CA	BLTT	-20060109ABD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	NEW	CHICO AND PARADISE CA	0.5	APP	BNPDTT	-20090825BTC

19	KOFY-TV	SAN FRANCISCO CA	253.6	LIC	BLCDDT	-20091102AAU
19	K19GA	SUSANVILLE-HERLONG CA	126.9	LIC	BLTTTL	-20080325ADV
19	DKDSL-CA	UKIAH CA	149.1	APP	BSTA	-20061116AEQ
19	KPIC	ROSEBURG OR	387.6	CP	BPCDDT	-20080618ATJ
19	KPIC	ROSENBURG OR	387.6	LIC	BLCDDT	-20060707ADF
20	KCVU	PARADISE CA	0.1	CP	BPCDDT	-20081003ABU
20	KCVU	PARADISE CA	0.1	LIC	BLCDDT	-20061003ADW
26	KGEC	REDDING CA	103.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 2

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	NEW	GASQUET CA	BNPDDL -20101022ACX

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	K25CI	KLAMATH CA	34.2	LIC	BLTTTL -19890623ID
25	K25JW-D	HUGO, ETC. OR	87.1	CP MOD	BMPDIT -20080404AAZ
25	K25FG	ROSEBURG OR	162.7	LIC	BLTTTL -20090310AAZ
26	KMVU-DT	MEDFORD OR	106.7	LIC	BLCDDT -20090527ABF
26	KGEC	REDDING CA	172.9	APP	USERRECORD-01

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 3

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25CI	KLAMATH CA	BLTTTL -19890623ID

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	KVIQ	EUREKA CA	88.7	CP	BPCDDT -20080617ABE
17	KVIQ	EUREKA CA	88.7	LIC	BLCDDT -20030806ACS
22	KAFF-TV	ARCATA CA	88.7	LIC	BLCDDT -20071012ASQ
25	NEW	GASQUET CA	34.2	APP	BNPDDL -20101022ACX
25	K25FG	ROSEBURG OR	196.2	LIC	BLTTTL -20090310AAZ
26	KMVU-DT	MEDFORD OR	128.8	LIC	BLCDDT -20090527ABF
28	KBVU	EUREKA CA	88.7	CP MOD	BMPCDDT -20051220AIY
26	KGEC	REDDING CA	150.9	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 4

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K33HH	REDDING CA	BDISDDL -20091214AEX

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KNVN	CHICO CA	57.0	CP	BPCDT	-20080307AAC
25	K25CI	KLAMATH CA	151.2	LIC	BLTTL	-19890623ID
25	KOVR	STOCKTON CA	282.2	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	282.2	CP	BPCDT	-20080620ABM
26	KGEC-LP	REDDING CA	0.5	LIC	BLTTL	-19971023JG
26	KGEC	REDDING CA	0.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1  
Scenario 1 Affected station 4  
Before Analysis

Results for: 25A CA REDDING BDISDTL 20091214AEX APP  
HAAT 1.0 m, ATV ERP 5.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	180220	5019.2
not affected by terrain losses	179508	4747.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	384	137.6
lost to ATV IX only	384	137.6
lost to all IX	384	137.6

Potential Interfering Stations Included in above Scenario 1

24A CA CHICO	BPCDT	20080307AAC	CP
25A CA STOCKTON	BLCDT	20050516ANE	LIC

After Analysis

Results for: 25A CA REDDING BDISDTL 20091214AEX APP  
HAAT 1.0 m, ATV ERP 5.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	180220	5019.2
not affected by terrain losses	179508	4747.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	691	207.5
lost to ATV IX only	691	207.5
lost to all IX	691	207.5

Potential Interfering Stations Included in above Scenario 1

24A CA CHICO	BPCDT	20080307AAC	CP
25A CA STOCKTON	BLCDT	20050516ANE	LIC
26A CA REDDING	USERRECORD01		APP

Percent new IX = 0.1714%

Result key: 2  
Scenario 2 Affected station 4  
Before Analysis

Results for: 25A CA REDDING BDISDTL 20091214AEX APP  
HAAT 1.0 m, ATV ERP 5.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	180220	5019.2
not affected by terrain losses	179508	4747.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	384	140.6
lost to ATV IX only	384	140.6
lost to all IX	384	140.6

Potential Interfering Stations Included in above Scenario 2

24A CA CHICO	BPCDT	20080307AAC	CP
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25A CA STOCKTON BPCDT 20080620ABM CP

#### After Analysis

Results for: 25A CA REDDING BDISDTL 20091214AEX APP

HAAT	1.0 m, ATV ERP	5.7 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			180220	5019.2
not affected by terrain losses			179508	4747.9
lost to NTSC IX			0	0.0
lost to additional IX by ATV			691	209.5
lost to ATV IX only			691	209.5
lost to all IX			691	209.5

Potential Interfering Stations Included in above Scenario 2

24A CA CHICO	BPCDT	20080307AAC	CP
25A CA STOCKTON	BPCDT	20080620ABM	CP
26A CA REDDING	USERRECORD01		APP

Percent new IX = 0.1714%

Worst case new IX 0.1714% Scenario 1

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#### Analysis of Interference to Affected Station 5

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25IM-D	MEDFORD OR	BLDTL -20110125ACR

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	K25CI	KLAMATH CA	132.8	LIC	BLTTL -19890623ID
25	K25JW-D	HUGO, ETC. OR	82.7	CP MOD	BMPDIT -20080404AAZ
25	K25FG	ROSEBURG OR	147.3	LIC	BLTTL -20090310AAZ
26	KMVU-DT	MEDFORD OR	34.2	LIC	BLCDT -20090527ABF
26	KGEC	REDDING CA	156.8	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 6

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25LW-D	MEDFORD OR	BNPDTL -20090825BFN

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	K25CI	KLAMATH CA	124.3	LIC	BLTTL -19890623ID
25	K25JW-D	HUGO, ETC. OR	20.8	CP MOD	BMPDIT -20080404AAZ
25	K25IM-D	MEDFORD OR	63.8	LIC	BLDTL -20110125ACR
25	K25FG	ROSEBURG OR	90.3	LIC	BLTTL -20090310AAZ
26	KMVU-DT	MEDFORD OR	30.3	LIC	BLCDT -20090527ABF
26	KGEC	REDDING CA	204.1	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

# Analysis of Interference to Affected Station 7

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	NEW	CHICO CA	BNPDTL	-20100722HYG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	K26GK	LAKEPORT CA	118.8	LIC	BLTTL	-20030130AHS
26	KGEC-LP	REDDING CA	101.3	LIC	BLTTL	-19971023JG
26	DK27FX	SACRAMENTO CA	125.8	APP	BPTTL	-20020816AAS
26	KTFK-DT	STOCKTON CA	183.4	LIC	BLCDT	-20090618AAD
26	KTFK-DT	STOCKTON CA	183.4	CP MOD	BMPCDT	-20080616ACI
26	KREN-TV	RENO NV	187.0	LIC	BLCDT	-20090227AAM
26	KMVU-DT	MEDFORD OR	279.9	LIC	BLCDT	-20090527ABF
27	KUCO-LP	CHICO CA	23.9	LIC	BLTTL	-20050405AAP
27	KUCO-LP	RED BLUFF CA	23.9	STA	BSTA	-20030417ACD
26	KGEC	REDDING CA	101.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3  
Scenario 1 Affected station 7  
Before Analysis

Results for: 26A CA CHICO BNPDTL 20100722HYG APP

HAAT 1.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	97667	789.4
not affected by terrain losses	97667	788.4
lost to NTSC IX	1321	161.6
lost to additional IX by ATV	7	5.9
lost to ATV IX only	7	7.9
lost to all IX	1328	167.5

Potential Interfering Stations Included in above Scenario 1

26N CA LAKEPORT	BLTTL	20030130AHS	LIC
26A CA STOCKTON	BLCDT	20090618AAD	LIC
26N CA REDDING	BLTTL	19971023JG	LIC

## After Analysis

Results for: 26A CA CHICO BNPDTL 20100722HYG APP

HAAT 1.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	97667	789.4
not affected by terrain losses	97667	788.4
lost to NTSC IX	48	2.0
lost to additional IX by ATV	11495	424.7
lost to ATV IX only	11495	425.7
lost to all IX	11543	426.7

Potential Interfering Stations Included in above Scenario 1

26N CA LAKEPORT	BLTTL	20030130AHS	LIC
26A CA STOCKTON	BLCDT	20090618AAD	LIC
26A CA REDDING	USERRECORD01		APP

The following station failed the de minimis interference criteria.

26D CA REDDING USERRECORD01

ERP 7.50 kW HAAT 533.0 m RCAMSL 1066.0 m  
Antenna CDB 00000000020724

Due to interference to the following station and scenario: 1  
26D CA CHICO BNPDTL 20100722HYG  
ERP 10.00 kW HAAT 1.0 m RCAMSL 107.0 m  
Antenna CDB 00000000101174

Percent new interference from proposal: 10.6032 to BNPDTL 20100722HYG

Result key: 4  
Scenario 2 Affected station 7  
Before Analysis

Results for: 26A CA CHICO BNPDTL 20100722HYG APP  
HAAT 1.0 m, ATV ERP 10.0 kW  
POPULATION AREA (sq km)  
within Noise Limited Contour 97667 789.4  
not affected by terrain losses 97667 788.4  
lost to NTSC IX 1321 161.6  
lost to additional IX by ATV 124 9.9  
lost to ATV IX only 175 14.8  
lost to all IX 1445 171.5

Potential Interfering Stations Included in above Scenario 2

26N CA LAKEPORT BLTTL 20030130AHS LIC  
26A CA STOCKTON BMPCDT 20080616ACI CP  
26N CA REDDING BLTTL 19971023JG LIC

After Analysis

Results for: 26A CA CHICO BNPDTL 20100722HYG APP  
HAAT 1.0 m, ATV ERP 10.0 kW  
POPULATION AREA (sq km)  
within Noise Limited Contour 97667 789.4  
not affected by terrain losses 97667 788.4  
lost to NTSC IX 48 2.0  
lost to additional IX by ATV 11515 426.7  
lost to ATV IX only 11563 428.7  
lost to all IX 11563 428.7

Potential Interfering Stations Included in above Scenario 2

26N CA LAKEPORT BLTTL 20030130AHS LIC  
26A CA STOCKTON BMPCDT 20080616ACI CP  
26A CA REDDING USERRECORD01 APP

The following station failed the de minimis interference criteria.  
26D CA REDDING USERRECORD01  
ERP 7.50 kW HAAT 533.0 m RCAMSL 1066.0 m  
Antenna CDB 00000000020724

Due to interference to the following station and scenario: 2  
26D CA CHICO BNPDTL 20100722HYG  
ERP 10.00 kW HAAT 1.0 m RCAMSL 107.0 m  
Antenna CDB 00000000101174

Percent new interference from proposal: 10.5153 to BNPDTL 20100722HYG

Worst case new IX 10.6032% Scenario 1

Proposed station is MX  
26A CA REDDING USERRECORD01 APP  
26A CA CHICO BNPDTL 20100722HYG APP

Proposal MX with BNPDTL 20100722HYG scenario 1 of station 7

Proposed station is MX

26A CA REDDING USERRECORD01 APP  
26A CA CHICO BNPDTL 20100722HYG APP

Proposal MX with BNPDTL 20100722HYG scenario 2 of station 7

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# Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	K26JV-D	HEALDSBURG CA	BNPDTL -20090825BKK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	NEW	CHICO CA	149.5	APP	BNPDTL -20100722HYG
26	K26GK	LAKEPORT CA	31.5	LIC	BLTTL -20030130AHS
26	KGEC-LP	REDDING CA	209.6	LIC	BLTTL -19971023JG
26	DK27FX	SACRAMENTO CA	150.0	APP	BPTTL -20020816AAS
26	KTFK-DT	STOCKTON CA	148.7	LIC	BLCDT -20090618AAD
26	KTFK-DT	STOCKTON CA	148.7	CP MOD	BMPCDT -20080616ACI
26	KREN-TV	RENO NV	278.9	LIC	BLCDT -20090227AAM
26	KMVU-DT	MEDFORD OR	388.6	LIC	BLCDT -20090527ABF
27	K27EE	UKIAH CA	34.4	CP	BDFCDTT -20101110ADY
26	KGEC	REDDING CA	209.9	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.
26	K26GK	LAKEPORT CA	BLTTL -20030130AHS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KOFY-TV	SAN FRANCISCO CA	139.9	LIC	BLCDT -20091102AAU
23	KRCB	COTATI CA	73.1	LIC	BLEDT -20081107ACJ
23	KRCB	COTATI CA	73.1	CP	BPEDT -20080617AEI
26	K26JV-D	HEALDSBURG CA	31.5	CP	BNPDTL -20090825BKK
26	KTFK-DT	STOCKTON CA	138.0	LIC	BLCDT -20090618AAD
26	KTFK-DT	STOCKTON CA	138.0	CP MOD	BMPCDT -20080616ACI
26	KREN-TV	RENO NV	251.2	LIC	BLCDT -20090227AAM
26	KMVU-DT	MEDFORD OR	367.8	LIC	BLCDT -20090527ABF
27	K27EE	UKIAH CA	31.5	LIC	BLTT -19950322IC
29	KPIX-TV	SAN FRANCISCO CA	139.9	CP MOD	BMPCDT -20080603AAG
29	KPIX-TV	SAN FRANCISCO CA	139.9	LIC	BLCDT -19990301KF
30	KQED	SAN FRANCISCO CA	139.9	CP MOD	BMPEDT -20100208AAJ
30	KQED	SAN FRANCISCO CA	139.9	LIC	BLEDT -20000601ADY
33	KMTP-TV	SAN FRANCISCO CA	139.9	CP MOD	BMPEDT -20091202AAB
34	KFSF-DT	VALLEJO CA	139.9	CP MOD	BMPCDT -20091123AGM
34	KFSF-DT	VALLEJO CA	139.9	LIC	BLCDT -20030620ABV
40	KTXL	SACRAMENTO CA	135.6	CP MOD	BMPCDT -20080620ADJ
40	KTXL	SACRAMENTO CA	135.6	LIC	BLCDT -20090918ABS
41	K41AF	UKIAH CA	31.5	LIC	BLTT -19830125IM
26	KGEC	REDDING CA	186.2	APP	USERRECORD-01



Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	NEW	MOUNT SHASTA CA	BNPDTL -20090825CBF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	NEW	CHICO CA	162.2	APP	BNPDTL -20100722HYG
26	KGEC-LP	REDDING CA	73.4	LIC	BLTTL -19971023JG
26	KTFK-DT	STOCKTON CA	345.6	LIC	BLCDDT -20090618AAD
26	KTFK-DT	STOCKTON CA	345.6	CP MOD	BMPCDDT -20080616ACI
26	NEW	YREKA CA	44.7	APP	BNPDTL -20090825AQN
26	KREN-TV	RENO NV	300.0	LIC	BLCDDT -20090227AAM
26	KMVU-DT	MEDFORD OR	118.4	LIC	BLCDDT -20090527ABF
27	K27BH	LAKE SHASTINA CA	26.0	LIC	BLTTL -19890516IK
26	KGEC	REDDING CA	73.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	DK27FX	SACRAMENTO CA	BPTTL -20020816AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KUVS-DT	MODESTO CA	94.7	LIC	BLCDDT -20020906ABH
23	KRCB	COTATI CA	122.0	LIC	BLEDT -20081107ACJ
23	KRCB	COTATI CA	122.0	CP	BPEDT -20080617AEI
25	KOVR	STOCKTON CA	67.8	LIC	BLCDDT -20050516ANE
25	KOVR	STOCKTON CA	67.8	CP	BPCDDT -20080620ABM
26	KGEC-LP	REDDING CA	227.0	LIC	BLTTL -19971023JG
26	KTFK-DT	STOCKTON CA	67.8	LIC	BLCDDT -20090618AAD
26	KTFK-DT	STOCKTON CA	67.8	CP MOD	BMPCDDT -20080616ACI
26	KREN-TV	RENO NV	134.8	LIC	BLCDDT -20090227AAM
40	KTXL	SACRAMENTO CA	64.5	CP MOD	BMPCDDT -20080620ADJ
40	KTXL	SACRAMENTO CA	64.5	LIC	BLCDDT -20090918ABS
26	KGEC	REDDING CA	227.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KTFK-DT	STOCKTON CA	BLCDDT -20090618AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KOVR	STOCKTON CA	0.0	LIC	BLCDDT -20050516ANE
25	KOVR	STOCKTON CA	0.0	CP	BPCDDT -20080620ABM

25	KQET	WATSONVILLE CA	164.9	LIC	BLEDT	-20090624ABV
26	KREN-TV	RENO NV	184.1	LIC	BLCDT	-20090227AAM
27	KTSF	SAN FRANCISCO CA	102.3	LIC	BLCDT	-20050131AOD
27	KTSF	SAN FRANCISCO CA	102.3	CP	BPCDT	-20080620ALV
26	KGEC	REDDING CA	282.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5  
 Scenario 1 Affected station 12  
 Before Analysis

Results for: 26A CA STOCKTON BLCDT 20090618AAD LIC  
 HAAT 595.0 m, ATV ERP 430.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5704732	31623.0
not affected by terrain losses	4326348	28589.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	239786	890.7
lost to ATV IX only	239786	890.7
lost to all IX	239786	890.7

Potential Interfering Stations Included in above Scenario 1

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BLCDT	20050131AOD	LIC

After Analysis

Results for: 26A CA STOCKTON BLCDT 20090618AAD LIC  
 HAAT 595.0 m, ATV ERP 430.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5704732	31623.0
not affected by terrain losses	4326348	28589.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	240766	903.4
lost to ATV IX only	240766	903.4
lost to all IX	240766	903.4

Potential Interfering Stations Included in above Scenario 1

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BLCDT	20050131AOD	LIC
26A CA REDDING	USERRECORD01		APP

Percent new IX = 0.0240%

Result key: 6  
 Scenario 2 Affected station 12  
 Before Analysis

Results for: 26A CA STOCKTON BLCDT 20090618AAD LIC  
 HAAT 595.0 m, ATV ERP 430.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5704732	31623.0
not affected by terrain losses	4326348	28589.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	239786	891.6
lost to ATV IX only	239786	891.6
lost to all IX	239786	891.6

Potential Interfering Stations Included in above Scenario 2

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC

27A CA SAN FRANCISCO BPCDT 20080620ALV CP

#### After Analysis

Results for: 26A CA STOCKTON BLCDT 20090618AAD LIC

HAAT 595.0 m, ATV ERP 430.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5704732	31623.0
not affected by terrain losses	4326348	28589.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	240766	904.4
lost to ATV IX only	240766	904.4
lost to all IX	240766	904.4

Potential Interfering Stations Included in above Scenario 2

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BPCDT	20080620ALV	CP
26A CA REDDING	USERRECORD01		APP

Percent new IX = 0.0240%

Worst case new IX 0.0240% Scenario 1

#####

#### Analysis of Interference to Affected Station 13

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KTFK-DT	STOCKTON CA	BMPCDT -20080616ACI

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KOVR	STOCKTON CA	0.0	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	0.0	CP	BPCDT -20080620ABM
25	KQET	WATSONVILLE CA	164.9	LIC	BLEDT -20090624ABV
26	KREN-TV	RENO NV	184.1	LIC	BLCDT -20090227AAM
27	KTSF	SAN FRANCISCO CA	102.3	LIC	BLCDT -20050131AOD
27	KTSF	SAN FRANCISCO CA	102.3	CP	BPCDT -20080620ALV
26	KGEC	REDDING CA	282.3	APP	USERRECORD-01

Total scenarios = 2

Result key: 7  
Scenario 1 Affected station 13  
Before Analysis

Results for: 26A CA STOCKTON BMPCDT 20080616ACI CP

HAAT 595.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6180382	35470.6
not affected by terrain losses	4538504	31667.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	274641	1143.0
lost to ATV IX only	274641	1143.0
lost to all IX	274641	1143.0

Potential Interfering Stations Included in above Scenario 1

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BLCDT	20050131AOD	LIC

After Analysis

Results for: 26A CA STOCKTON                      BMPCDT              20080616ACI    CP  
HAAT 595.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6180382	35470.6
not affected by terrain losses	4538504	31667.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	274832	1166.6
lost to ATV IX only	274832	1166.6
lost to all IX	274832	1166.6

Potential Interfering Stations Included in above Scenario              1

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BLCDT	20050131AOD	LIC
26A CA REDDING	USERRECORD01		APP

Percent new IX =              0.0045%

Result key:                      8  
Scenario                      2    Affected station                      13  
Before Analysis

Results for: 26A CA STOCKTON                      BMPCDT              20080616ACI    CP  
HAAT 595.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6180382	35470.6
not affected by terrain losses	4538504	31667.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	274641	1146.0
lost to ATV IX only	274641	1146.0
lost to all IX	274641	1146.0

Potential Interfering Stations Included in above Scenario              2

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BPCDT	20080620ALV	CP

After Analysis

Results for: 26A CA STOCKTON                      BMPCDT              20080616ACI    CP  
HAAT 595.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6180382	35470.6
not affected by terrain losses	4538504	31667.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	274832	1169.5
lost to ATV IX only	274832	1169.5
lost to all IX	274832	1169.5

Potential Interfering Stations Included in above Scenario              2

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A NV RENO	BLCDT	20090227AAM	LIC
27A CA SAN FRANCISCO	BPCDT	20080620ALV	CP
26A CA REDDING	USERRECORD01		APP

Percent new IX =              0.0045%

Worst case new IX              0.0045% Scenario                      1

#####

# Analysis of Interference to Affected Station 14

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	NEW	YREKA CA	BNPDTL -20090825AQN

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	NEW	MOUNT SHASTA CA	44.7	APP	BNPDTL -20090825CBF
26	KGEC-LP	REDDING CA	108.6	LIC	BLTTL -19971023JG
26	KTFK-DT	STOCKTON CA	387.6	LIC	BLCDDT -20090618AAD
26	KTFK-DT	STOCKTON CA	387.6	CP MOD	BMPCDDT -20080616ACI
26	KREN-TV	RENO NV	343.9	LIC	BLCDDT -20090227AAM
26	KMVU-DT	MEDFORD OR	75.8	LIC	BLCDDT -20090527ABF
27	K27BH	LAKE SHASTINA CA	20.5	LIC	BLTTL -19890516IK
26	KGEC	REDDING CA	108.3	APP	USERRECORD-01

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 15

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KREN-TV	RENO NV	BLCDDT -20090227AAM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KOVR	STOCKTON CA	184.1	LIC	BLCDDT -20050516ANE
25	KOVR	STOCKTON CA	184.1	CP	BPCDDT -20080620ABM
26	KTFK-DT	STOCKTON CA	184.1	LIC	BLCDDT -20090618AAD
26	KTFK-DT	STOCKTON CA	184.1	CP MOD	BMPCDDT -20080616ACI
26	KMVU-DT	MEDFORD OR	410.1	LIC	BLCDDT -20090527ABF
26	KGEC	REDDING CA	269.8	APP	USERRECORD-01

Total scenarios = 4

Result key: 9

Scenario 1 Affected station 15

Before Analysis

Results for: 26A NV RENO BLCDDT 20090227AAM LIC

HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	393.7
lost to ATV IX only	583	393.7
lost to all IX	583	393.7

Potential Interfering Stations Included in above Scenario 1

25A CA STOCKTON	BLCDDT	20050516ANE	LIC
26A CA STOCKTON	BLCDDT	20090618AAD	LIC

After Analysis

Results for: 26A NV RENO BLCDDT 20090227AAM LIC

HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5

not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	395.6
lost to ATV IX only	583	395.6
lost to all IX	583	395.6

Potential Interfering Stations Included in above Scenario 1

25A CA STOCKTON	BLCDDT	20050516ANE	LIC
26A CA STOCKTON	BLCDDT	20090618AAD	LIC
26A CA REDDING	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10  
 Scenario 2 Affected station 15  
 Before Analysis

Results for: 26A NV RENO BLCDDT 20090227AAM LIC  
 HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	414.5
lost to ATV IX only	583	414.5
lost to all IX	583	414.5

Potential Interfering Stations Included in above Scenario 2

25A CA STOCKTON	BLCDDT	20050516ANE	LIC
26A CA STOCKTON	BMPCDDT	20080616ACI	CP

After Analysis

Results for: 26A NV RENO BLCDDT 20090227AAM LIC  
 HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	416.5
lost to ATV IX only	583	416.5
lost to all IX	583	416.5

Potential Interfering Stations Included in above Scenario 2

25A CA STOCKTON	BLCDDT	20050516ANE	LIC
26A CA STOCKTON	BMPCDDT	20080616ACI	CP
26A CA REDDING	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11  
 Scenario 3 Affected station 15  
 Before Analysis

Results for: 26A NV RENO BLCDDT 20090227AAM LIC  
 HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	393.7
lost to ATV IX only	583	393.7
lost to all IX	583	393.7

Potential Interfering Stations Included in above Scenario 3

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A CA STOCKTON	BLCDT	20090618AAD	LIC

# After Analysis

Results for: 26A NV RENO                      BLCDT              20090227AAM    LIC  
 HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	395.6
lost to ATV IX only	583	395.6
lost to all IX	583	395.6

Potential Interfering Stations Included in above Scenario              3

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A CA STOCKTON	BLCDT	20090618AAD	LIC
26A CA REDDING	USERRECORD01		APP

Percent new IX =      0.0000%

Result key:              12  
 Scenario              4    Affected station              15  
 Before Analysis

Results for: 26A NV RENO                      BLCDT              20090227AAM    LIC  
 HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	414.5
lost to ATV IX only	583	414.5
lost to all IX	583	414.5

Potential Interfering Stations Included in above Scenario              4

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A CA STOCKTON	BMPCDT	20080616ACI	CP

# After Analysis

Results for: 26A NV RENO                      BLCDT              20090227AAM    LIC  
 HAAT 896.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692984	49318.5
not affected by terrain losses	583370	37303.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	583	416.5
lost to ATV IX only	583	416.5
lost to all IX	583	416.5

Potential Interfering Stations Included in above Scenario              4

25A CA STOCKTON	BPCDT	20080620ABM	CP
26A CA STOCKTON	BMPCDT	20080616ACI	CP
26A CA REDDING	USERRECORD01		APP

Percent new IX =      0.0000%

Worst case new IX      0.0000% Scenario              1

#####

# Analysis of Interference to Affected Station 16

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	K26KQ-D	CHRISTMAS VALLEY OR	BNPDTT -20100305ABP

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KMVU-DT	MEDFORD OR	258.8	LIC	BLCDT -20090527ABF
26	KNDU	RICHLAND WA	292.6	CP MOD	BMPCDT -20080624AAO
26	KGEC	REDDING CA	380.7	APP	USERRECORD-01

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 17

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	K26KL-D	EUGENE OR	BNPDTL -20090825BHR

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	K26AY	CORVALLIS, ETC. OR	51.3	LIC	BLTT -20040909AAB
26	K26HO-D	GLIDE OR	74.9	LIC	BLDTT -20101008ABC
26	KMVU-DT	MEDFORD OR	195.3	LIC	BLCDT -20090527ABF
26	K26GJ-D	PORTLAND OR	160.9	CP	BPDTL -20100922ABM
26	KNDU	RICHLAND WA	381.0	CP MOD	BMPCDT -20080624AAO
26	KGEC	REDDING CA	379.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

# Analysis of Interference to Affected Station 18

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	K26HO-D	GLIDE OR	BLDTT -20101008ABC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	K25FG	ROSEBURG OR	25.8	LIC	BLTTL -20090310AAZ
26	K26AY	CORVALLIS, ETC. OR	126.2	LIC	BLTT -20040909AAB
26	K26KL-D	EUGENE OR	74.9	CP	BNPDTL -20090825BHR
26	KMVU-DT	MEDFORD OR	122.1	LIC	BLCDT -20090527ABF
26	KGEC	REDDING CA	305.3	APP	USERRECORD-01

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 19

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KMVU-DT	MEDFORD OR	BLCDT -20090527ABF



# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KREN-TV	RENO NV	410.1	LIC	BLCDDT -20090227AAM
26	KGEC	REDDING CA	183.7	APP	USERRECORD-01

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 20

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	KUCO-LP	CHICO CA	BLTTL -20050405AAP

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KCVU	PARADISE CA	0.1	CP	BPCDDT -20081003ABU
20	KCVU	PARADISE CA	0.1	LIC	BLCDDT -20061003ADW
24	KNVN	CHICO CA	46.1	CP	BPCDDT -20080307AAC
26	NEW	CHICO CA	23.9	APP	BNPDDL -20100722HYG
27	KTSF	SAN FRANCISCO CA	260.6	LIC	BLCDDT -20050131AOD
27	KTSF	SAN FRANCISCO CA	260.6	CP	BPCDDT -20080620ALV
27	K27EE	UKIAH CA	151.2	LIC	BLTT -19950322IC
42	K42HL-D	OROVILLE/PARADISE CA	40.6	APP	BSTA -20060310AAZ
26	KGEC	REDDING CA	103.2	APP	USERRECORD-01

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 21

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	K27BH	LAKE SHASTINA CA	BLTTL -19890516IK

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KNVN	CHICO CA	141.5	CP	BPCDDT -20080307AAC
26	KMVU-DT	MEDFORD OR	92.4	LIC	BLCDDT -20090527ABF
27	KUCO-LP	CHICO CA	181.4	LIC	BLTTL -20050405AAP
27	KUCO-LP	RED BLUFF CA	181.4	STA	BSTA -20030417ACD
29	KDKF	KLAMATH FALLS OR	90.6	LIC	BLCDDT -20080215APO
30	KBLN	GRANTS PASS OR	121.3	LIC	BLCDDT -20090224AAX
26	KGEC	REDDING CA	95.8	APP	USERRECORD-01

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 22

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	KUCO-LP	RED BLUFF CA	BSTA -20030417ACD

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KCVU	PARADISE CA	0.1	CP	BPCDDT -20081003ABU
20	KCVU	PARADISE CA	0.1	LIC	BLCDDT -20061003ADW

24	KNVN	CHICO CA	46.1	CP	BPCDT	-20080307AAC
26	NEW	CHICO CA	23.9	APP	BNPDTL	-20100722HYG
27	KEXT-CA	MODESTO CA	277.7	LIC	BLTTA	-20030123ACJ
27	KTSF	SAN FRANCISCO CA	260.6	LIC	BLCDDT	-20050131AOD
27	KTSF	SAN FRANCISCO CA	260.6	CP	BPCDT	-20080620ALV
27	K27EE	UKIAH CA	151.2	LIC	BLTT	-19950322IC
42	K42HL-D	OROVILLE/PARADISE CA	40.6	APP	BSTA	-20060310AAZ
26	KGEC	REDDING CA	103.2	APP	USERRECORD-01	

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 23

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	K27EE	UKIAH CA	BDFCDTT -20101110ADY

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KUCO-LP	CHICO CA	151.2	LIC	BLTTT -20050405AAP
27	KEXT-CA	MODESTO CA	237.1	LIC	BLTTA -20030123ACJ
27	KUCO-LP	RED BLUFF CA	151.2	STA	BSTA -20030417ACD
27	KTSF	SAN FRANCISCO CA	169.0	LIC	BLCDDT -20050131AOD
27	KTSF	SAN FRANCISCO CA	169.0	CP	BPCDT -20080620ALV
26	KGEC	REDDING CA	177.6	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 24

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	K27EE	UKIAH CA	BLTT -19950322IC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRCB	COTATI CA	96.5	LIC	BLEDT -20081107ACJ
23	KRCB	COTATI CA	96.5	CP	BPEDT -20080617AEI
26	K26JV-D	HEALDSBURG CA	34.5	CP	BNPDTL -20090825BKK
26	K26GK	LAKEPORT CA	31.5	LIC	BLTTT -20030130AHS
27	KUCO-LP	CHICO CA	151.2	LIC	BLTTT -20050405AAP
27	KEXT-CA	MODESTO CA	237.1	LIC	BLTTA -20030123ACJ
27	KUCO-LP	RED BLUFF CA	151.2	STA	BSTA -20030417ACD
27	KTSF	SAN FRANCISCO CA	169.1	LIC	BLCDDT -20050131AOD
27	KTSF	SAN FRANCISCO CA	169.1	CP	BPCDT -20080620ALV
26	KGEC	REDDING CA	177.6	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 25

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
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27 K55DQ GOLD HILL, ETC OR BDISDTL -20100923AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KMVU-DT	MEDFORD OR	25.3	LIC	BLCDT	-20090527ABF
27	K27CL	COOS BAY OR	141.0	LIC	BLTT	-19900108IM
26	KGEC	REDDING CA	201.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29IR	EUREKA CA	BLTTL	-20100311ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KAUF-TV	ARCATA CA	11.2	LIC	BLCDT	-20071012ASQ
28	KBVU	EUREKA CA	11.2	CP MOD	BMPCDT	-20051220AIY
29	KMSX-LD	REDDING CA	138.6	APP	BSTA	-20070221ACP
29	KPIX-TV	SAN FRANCISCO CA	366.4	CP MOD	BMPCDT	-20080603AAG
29	KPIX-TV	SAN FRANCISCO CA	366.3	LIC	BLCDT	-19990301KF
29	KEPB-TV	EUGENE OR	360.5	LIC	BLEDT	-20050127AHY
29	KDKF	KLAMATH FALLS OR	242.7	LIC	BLCDT	-20080215APO
29	K29GX	MERLIN OR	220.4	LIC	BLTT	-20060927AAA
26	KGEC	REDDING CA	125.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KMSX-LD	REDDING CA	BSTA	-20070221ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KAUF-TV	ARCATA CA	134.7	LIC	BLCDT	-20071012ASQ
28	K28CY-D	LEWISTON CA	39.1	LIC	BLDTT	-20081007AFA
28	K28LC-D	REDDING CA	0.0	CP	BNPDTL	-20090825ASN
29	K29JS-D	CHICO CA	92.7	CP	BNPDTL	-20090916ACX
29	K29IR	EUREKA CA	138.6	LIC	BLTTL	-20100311ABG
29	K29JD-D	REDDING CA	0.0	CP	BNPDTL	-20090825AST
29	KPIX-TV	SAN FRANCISCO CA	317.5	CP MOD	BMPCDT	-20080603AAG
29	KPIX-TV	SAN FRANCISCO CA	317.5	LIC	BLCDT	-19990301KF
29	KREN-LP	SUSANVILLE CA	153.9	LIC	BLTTL	-20060420AAI
29	K29DF	UKIAH CA	176.8	LIC	BLTT	-19960424IB
29	KEPB-TV	EUGENE OR	381.7	LIC	BLEDT	-20050127AHY
29	KDKF	KLAMATH FALLS OR	176.6	LIC	BLCDT	-20080215APO
43	KHSL-TV	CHICO CA	92.0	LIC	BLCDT	-20060315AEZ
43	KHSL-TV	CHICO CA	92.0	CP	BPCDT	-20070124AKD
26	KGEC	REDDING CA	13.0	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 28

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K33JV	CHICO CA	BNPTTL -20000830BTC

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KEMY-LP	EUREKA CA	216.0	LIC	BLTTL -20050729AMZ
33	NEW	ORLAND CA	34.7	APP	BNPDTL -20100514AAE
33	K33HH	REDDING CA	119.8	LIC	BLTTL -20030507AAC
33	KMTP-TV	SAN FRANCISCO CA	227.3	CP MOD	BMPEDT -20091202AAB
33	KFTS	KLAMATH FALLS OR	263.1	LIC	BLEDT -20060202AHF
48	K48KB	CHICO CA	23.1	LIC	BLTTL -20090406AJP
26	KGEC	REDDING CA	120.0	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 29

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K33DI	EAST WEED CA	BLTTL -19910206JJ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KMVU-DT	MEDFORD OR	102.3	LIC	BLCDT -20090527ABF
29	KDKF	KLAMATH FALLS OR	98.4	LIC	BLCDT -20080215APO
30	KBLN	GRANTS PASS OR	129.7	LIC	BLCDT -20090224AAX
33	KEMY-LP	EUREKA CA	153.1	LIC	BLTTL -20050729AMZ
33	K33HH	REDDING CA	85.5	LIC	BLTTL -20030507AAC
33	KFTS	KLAMATH FALLS OR	98.4	LIC	BLEDT -20060202AHF
26	KGEC	REDDING CA	85.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 30

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	KEMY-LP	EUREKA CA	BLTTL -20050729AMZ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	K33HH	REDDING CA	122.8	LIC	BLTTL -20030507AAC
33	KMTP-TV	SAN FRANCISCO CA	355.3	CP MOD	BMPEDT -20091202AAB
33	KFTS	KLAMATH FALLS OR	247.6	LIC	BLEDT -20060202AHF
33	K33GJ	MERLIN OR	214.2	LIC	BLTTL -20040916AAY
34	K34BW	WILLOW CREEK CA	36.0	LIC	BLTTL -19890109IE
26	KGEC	REDDING CA	122.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 31

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K33HH	REDDING CA	BLTTL -20030507AAC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	K33JV	CHICO CA	119.8	CP	BNPTTL -20000830BTC
33	K33DI	EAST WEED CA	85.5	LIC	BLTTL -19910206JJ
33	KEMY-LP	EUREKA CA	122.8	LIC	BLTTL -20050729AMZ
33	DK33CH	LAKEPORT CA	186.2	LIC	BLTT -19890410IR
33	KMTP-TV	SAN FRANCISCO CA	322.2	CP MOD	BMPEDT -20091202AAB
33	KFTS	KLAMATH FALLS OR	176.7	LIC	BLEDT -20060202AHF
33	K33GJ	MERLIN OR	227.4	LIC	BLTTL -20040916AAY
34	KRCR-TV	REDDING CA	12.3	LIC	BLCDT -20100609ABL
26	KGEC	REDDING CA	0.3	APP	USERRECORD-01

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 32

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	K34BW	WILLOW CREEK CA	BLTTL -19890109IE

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KEMY-LP	EUREKA CA	36.0	LIC	BLTTL -20050729AMZ
34	KFSF-DT	VALLEJO CA	372.6	CP MOD	BMPCDT -20091123AGM
34	KFSF-DT	VALLEJO CA	372.6	LIC	BLCDT -20030620ABV
34	K49JE-D	MURPHY, ETC. OR	164.0	APP	BSTA -20060707AFC
34	K34DJ	PHOENIX, ETC. OR	167.2	LIC	BLTT -19920408IC
26	KGEC	REDDING CA	104.0	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 33

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KGEC	REDDING CA	USERRECORD-01

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	K33HH	REDDING CA	0.3	APP	BDISDTL -20091214AEX
26	NEW	CHICO CA	101.5	APP	BNPDTL -20100722HYG
26	K26GK	LAKEPORT CA	186.2	LIC	BLTTL -20030130AHS
26	NEW	MOUNT SHASTA CA	73.1	APP	BNPDTL -20090825CBF
26	DK27FX	SACRAMENTO CA	227.2	APP	BPTTL -20020816AAS

26	KTFK-DT	STOCKTON CA	282.3	LIC	BLCDT	-20090618AAD
26	KTFK-DT	STOCKTON CA	282.3	CP MOD	BMPCDT	-20080616ACI
26	NEW	YREKA CA	108.3	APP	BNPDTL	-20090825AQN
26	KREN-TV	RENO NV	269.8	LIC	BLCDT	-20090227AAM
26	KMVU-DT	MEDFORD OR	183.7	LIC	BLCDT	-20090527ABF

Total scenarios = 6

Result key: 13  
 Scenario 1 Affected station 33  
 Before Analysis

Results for: 26A CA REDDING USERRECORD01 APP  
 HAAT 533.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	181274	5376.1
not affected by terrain losses	180788	5013.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15	11.0
lost to ATV IX only	15	11.0
lost to all IX	15	11.0

Potential Interfering Stations Included in above Scenario 1

26A CA STOCKTON BLCDT 20090618AAD LIC

Result key: 14  
 Scenario 2 Affected station 33  
 Before Analysis

Results for: 26A CA REDDING USERRECORD01 APP  
 HAAT 533.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	181274	5376.1
not affected by terrain losses	180788	5013.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15	22.0
lost to ATV IX only	15	22.0
lost to all IX	15	22.0

Potential Interfering Stations Included in above Scenario 2

26A CA STOCKTON BMPCDT 20080616ACI CP

Result key: 15  
 Scenario 3 Affected station 33  
 Before Analysis

Results for: 26A CA REDDING USERRECORD01 APP  
 HAAT 533.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	181274	5376.1
not affected by terrain losses	180788	5013.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1535	82.8
lost to ATV IX only	1535	82.8
lost to all IX	1535	82.8

Potential Interfering Stations Included in above Scenario 3

25A CA REDDING BDISDTL 20091214AEX APP  
 26A CA STOCKTON BLCDT 20090618AAD LIC

Result key: 16  
 Scenario 4 Affected station 33  
 Before Analysis

Results for: 26A CA REDDING                      USERRECORD01                      APP

HAAT 533.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	181274	5376.1
not affected by terrain losses	180788	5013.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1535	92.8
lost to ATV IX only	1535	92.8
lost to all IX	1535	92.8

Potential Interfering Stations Included in above Scenario 4

25A CA REDDING                      BDISDTL      20091214AEX    APP  
26A CA STOCKTON                    BMPCDT      20080616ACI    CP

Result key:                      17  
Scenario                      5    Affected station                      33  
Before Analysis

Results for: 26A CA REDDING                      USERRECORD01                      APP

HAAT 533.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	181274	5376.1
not affected by terrain losses	180788	5013.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15	11.0
lost to ATV IX only	15	11.0
lost to all IX	15	11.0

Potential Interfering Stations Included in above Scenario 5

26A CA STOCKTON                      BLCDT      20090618AAD    LIC

Result key:                      18  
Scenario                      6    Affected station                      33  
Before Analysis

Results for: 26A CA REDDING                      USERRECORD01                      APP

HAAT 533.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	181274	5376.1
not affected by terrain losses	180788	5013.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15	22.0
lost to ATV IX only	15	22.0
lost to all IX	15	22.0

Potential Interfering Stations Included in above Scenario 6

26A CA STOCKTON                      BMPCDT      20080616ACI    CP

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