

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/cdbb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-05-2013 Time: 13:53:51

Record Selected for Analysis

KKEY USERRECORD-01 BAKERSFIELD CA US
Channel 13 ERP 3. kW HAAT 434. m RCAMSL 01102 m FULL SERVICE MASK
Latitude 035-26-17 Longitude 0118-44-22
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model PSIVCP-13 Beam tilt N Ref Azimuth 250.
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	48.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.028	245.2	26.807	
45.0	0.006	33.0	6.992	
90.0	0.013	33.0	8.357	
135.0	0.012	247.9	22.392	
180.0	0.355	651.4	63.069	
225.0	2.302	779.7	82.527	
270.0	2.473	871.6	85.080	
315.0	0.426	617.0	63.624	

Database HAAT does not agree with computed HAAT
Database HAAT: 434 Computed HAAT: 435

Contour Overlap to Proposed Station

Station
KJOI-LP 12 BAKERSFIELD CA BLTVL20080819ABF

Station inside contour of Digital LPTV station
KKEY 13 BAKERSFIELD 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 within the Mexican coordination distance

Distance to border = 355.4km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call City/State	ARN
13	KKEY BAKERSFIELD CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KJOI-LP	BAKERSFIELD CA	0.1	CP	BDFCDVL	-20090821ADI
12	KJOI-LP	BAKERSFIELD CA	0.1	LIC	BLTVL	-20080819ABF
12	K17JI-D	FRESNO CA	184.5	APP	BPTVA	-20040324AFP
12	K17JI-D	FRESNO CA	184.5	LIC	BLTVA	-20010111AAG
12	KTBV-LD	LOS ANGELES CA	122.8	LIC	BLDVL	-20130326BCL
12	KTBV-LD	LOS ANGELES CA	124.7	CP	BPDVL	-20130404ACT
12	K12JI	NEWBERRY SPRINGS CA	198.9	LIC	BLTTV	-5052
12	K12QV	SAN BERNARDINO CA	204.0	LIC	BLTVL	-20110510ABC
12	K12QV	SAN BERNARDINO CA	192.7	APP	BDFCDVL	-20120123ACD
12	K12QV	SAN BERNARDINO CA	192.7	CP	BPTVL	-20120817ACH
12	K12QZ-D	SAN LUIS OBISPO CA	173.9	CP	BNPDVL	-20100318ABH
13	K13EX	BRIDGEPORT, ETC. CA	309.8	LIC	BLTTV	-19791227IB
13	K13ZL-D	FRESNO CA	259.9	LIC	BLDVL	-20110908ACI
13	KCOP-TV	LOS ANGELES CA	148.3	LIC	BLCDT	-20100709AFG
13	NEW	MODESTO CA	297.4	APP	BNPDVL	-20100204ADQ
13	K13WJ	MORONGO VALLEY CA	251.9	APP	BDFCDTV	-20120109ACV
13	K13WJ	MORONGO VALLEY CA	251.9	LIC	BLTTV	-19950929IM
13	KCWB-LP	REEDLEY CA	153.3	LIC	BLTVL	-20011003AAH
13	KCWB-LP	REEDLEY CA	153.3	CP	BDFCDVL	-20090821ADB
13	K13NF	RIDGECREST, ETC. CA	105.7	LIC	BLTTV	-4572
13	KCBA	SALINAS CA	288.1	LIC	BLCDT	-20030707ACL
13	K13YK	GABBS NV	388.4	LIC	BLTTV	-20040204ACY
13	K13WI	HAWTHORNE NV	343.1	CP	BPTVL	-20081027ACW
13	K13WI	HAWTHORNE NV	344.1	LIC	BLTVL	-19940418II
13	NEW	INDIAN SPRINGS NV	307.6	APP	BDCCDTV	-20100827AAB
13	KTNV-TV	LAS VEGAS NV	338.4	LIC	BMLCDT	-20121219AAK
13	K13YU	TONOPAH NV	321.5	LIC	BLTVL	-20080124AEW

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Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application Ref. No.
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12 KJOI-LP BAKERSFIELD CA BDFCDVL -20090821ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KKEY-LP	BAKERSFIELD CA	0.1	LIC	BLTVL -20031016ABY
12	KTBV-LD	LOS ANGELES CA	124.6	CP	BPDVL -20130404ACT
13	KKEY	BAKERSFIELD CA	0.1	APP	USERRECORD-01

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 12A CA BAKERSFIELD BDFCDVL 20090821ADI CP

HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	470080	4371.5
not affected by terrain losses	470058	4344.6
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: 12A CA BAKERSFIELD BDFCDVL 20090821ADI CP

HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	470080	4371.5
not affected by terrain losses	470058	4344.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4	18.9
lost to ATV IX only	4	18.9
lost to all IX	4	18.9

Potential Interfering Stations Included in above Scenario 1

13A CA BAKERSFIELD USERRECORD01 APP

Percent new IX = 0.0009%

Worst case new IX 0.0009% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	KJOI-LP	BAKERSFIELD CA	BLTVL -20080819ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KKEY-LP	BAKERSFIELD CA	0.1	LIC	BLTVL -20031016ABY
13	KKEY	BAKERSFIELD CA	0.1	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.
12	K17JI-D	FRESNO CA	BPTVA	-20040324AFP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KNSO	MERCED CA	24.5	LIC	BLCDDT	-20100202ABE
12	KNTV	SAN JOSE CA	260.7	LIC	BLCDDT	-20050923AHA
12	K12IT	SMITH NV	199.2	LIC	BLTTV	-4168
13	KCWB-LP	REEDLEY CA	37.9	LIC	BLTVL	-20011003AAH
13	KCWB-LP	REEDLEY CA	37.9	CP	BDFCDVL	-20090821ADB
13	KKEY	BAKERSFIELD CA	184.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	K17JI-D	FRESNO CA	BLTVA	-20010111AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KNSO	MERCED CA	24.5	LIC	BLCDDT	-20100202ABE
12	KNTV	SAN JOSE CA	260.7	LIC	BLCDDT	-20050923AHA
12	K12IT	SMITH NV	199.2	LIC	BLTTV	-4168
13	KCWB-LP	REEDLEY CA	37.9	LIC	BLTVL	-20011003AAH
13	KKEY	BAKERSFIELD CA	184.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KTBV-LD	LOS ANGELES CA	BLDVL	-20130326BCL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KTTV	LOS ANGELES CA	30.2	CP	BPCDDT	-20080319ACL
11	KTTV	LOS ANGELES CA	30.2	LIC	BLCDDT	-20100709AFD
11	KTTV	LOS ANGELES CA	30.2	CP MOD	BMPCDDT	-20080616AAK
12	KJOI-LP	BAKERSFIELD CA	122.8	LIC	BLTVL	-20080819ABF
12	K12QV	SAN BERNARDINO CA	96.5	APP	BDFCDVL	-20120123ACD
12	K12QV	SAN BERNARDINO CA	96.5	CP	BPTVL	-20120817ACH

12	K12PO	TEMECULA CA	140.1	CP MOD	BMPDVL	-20111116AZX
12	K12PO	TEMECULA CA	140.0	LIC	BLTTV	-20040219ACC
13	KCOP-TV	LOS ANGELES CA	30.2	LIC	BLCDT	-20100709AFG
13	KKEY	BAKERSFIELD CA	122.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	KTBV-LD	LOS ANGELES CA	BPDVL -20130404ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KTTV	LOS ANGELES CA	48.8	CP	BPCDT -20080319ACL
11	KTTV	LOS ANGELES CA	48.8	LIC	BLCDT -20100709AFD
11	KTTV	LOS ANGELES CA	48.8	CP MOD	BMPCDT -20080616AAK
12	KJOI-LP	BAKERSFIELD CA	124.6	LIC	BLTVL -20080819ABF
12	K12QV	SAN BERNARDINO CA	117.8	APP	BDFCDVL -20120123ACD
12	K12QV	SAN BERNARDINO CA	117.8	CP	BPTVL -20120817ACH
12	K12PO	TEMECULA CA	155.0	LIC	BLTTV -20040219ACC
13	KCOP-TV	LOS ANGELES CA	48.8	LIC	BLCDT -20100709AFG
13	KKEY	BAKERSFIELD CA	124.7	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.
12	K12JI	NEWBERRY SPRINGS CA	BLTTV -5052

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	KJOI-LP	BAKERSFIELD CA	198.9	LIC	BLTVL -20080819ABF
12	K12QV	SAN BERNARDINO CA	94.9	CP	BPTVL -20120817ACH
12	K12PO	TEMECULA CA	144.5	LIC	BLTTV -20040219ACC
13	KKEY	BAKERSFIELD CA	198.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12QV	SAN BERNARDINO CA	BLTVL -20110510ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KTTV	LOS ANGELES CA	88.6	CP	BPCDT -20080319ACL

11	KTTV	LOS ANGELES CA	88.7	LIC	BLCDT	-20100709AFD
11	KTTV	LOS ANGELES CA	88.6	CP MOD	BMPCDT	-20080616AAK
12	K12JI	NEWBERRY SPRINGS CA	81.2	LIC	BLTTV	-5052
12	KYAV-LD	PALM SPRINGS CA	71.1	CP	BPDVL	-20130508AIT
12	K12PO	TEMECULA CA	66.6	CP MOD	BMPDVL	-20111116AZX
12	K12PO	TEMECULA CA	66.5	LIC	BLTTV	-20040219ACC
13	KCOP-TV	LOS ANGELES CA	88.7	LIC	BLCDT	-20100709AFG
13	KKEY	BAKERSFIELD CA	204.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12QV	SAN BERNARDINO CA	BDFCDVL -20120123ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KTTV	LOS ANGELES CA	69.2	CP	BPCDT -20080319ACL
11	KTTV	LOS ANGELES CA	69.2	LIC	BLCDT -20100709AFD
11	KTTV	LOS ANGELES CA	69.2	CP MOD	BMPCDT -20080616AAK
12	KJOI-LP	BAKERSFIELD CA	192.7	LIC	BLTVL -20080819ABF
12	KTBV-LD	LOS ANGELES CA	96.5	LIC	BLDVL -20130326BCL
12	KTBV-LD	LOS ANGELES CA	117.8	CP	BPDVL -20130404ACT
12	KYAV-LD	PALM SPRINGS CA	87.4	LIC	BLDVL -20120213AAD
12	KYAV-LD	PALM SPRINGS CA	87.4	CP	BPDVL -20130508AIT
12	K12PO	TEMECULA CA	64.8	CP MOD	BMPDVL -20111116AZX
12	K12PO	TEMECULA CA	64.7	LIC	BLTTV -20040219ACC
13	KCOP-TV	LOS ANGELES CA	69.2	LIC	BLCDT -20100709AFG
13	KKEY	BAKERSFIELD CA	192.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12QV	SAN BERNARDINO CA	BPTVL -20120817ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KTTV	LOS ANGELES CA	69.2	CP	BPCDT -20080319ACL
11	KTTV	LOS ANGELES CA	69.2	LIC	BLCDT -20100709AFD
11	KTTV	LOS ANGELES CA	69.2	CP MOD	BMPCDT -20080616AAK
12	K12JI	NEWBERRY SPRINGS CA	94.9	LIC	BLTTV -5052
12	K12PO	TEMECULA CA	64.8	CP MOD	BMPDVL -20111116AZX
12	K12PO	TEMECULA CA	64.7	LIC	BLTTV -20040219ACC
13	KCOP-TV	LOS ANGELES CA	69.2	LIC	BLCDT -20100709AFG
13	KKEY	BAKERSFIELD CA	192.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12QZ-D	SAN LUIS OBISPO CA	BNPDVL -20100318ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	KJOI-LP	BAKERSFIELD CA	173.8	LIC	BLTVL -20080819ABF
12	KNTV	SAN JOSE CA	303.3	LIC	BLCDT -20050923AHA
13	KKEY	BAKERSFIELD CA	173.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13EX	BRIDGEPORT, ETC. CA	BLTTV -19791227IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	KCWB-LP	REEDLEY CA	160.1	LIC	BLTVL -20011003AAH
13	KCBA	SALINAS CA	249.6	LIC	BLCDT -20030707ACL
13	K13YK	GABBS NV	145.2	LIC	BLTTV -20040204ACY
13	K13WI	HAWTHORNE NV	71.4	CP	BPTVL -20081027ACW
13	KTVN	RENO NV	134.8	LIC	BLCDT -20030212AAS
13	K13YU	TONOPAH NV	183.7	LIC	BLTVL -20080124AEW
13	KKEY	BAKERSFIELD CA	309.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13ZL-D	FRESNO CA	BLDVL -20110908ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	NEW	MODESTO CA	74.4	APP	BNPDVL -20100204ADQ
13	KCWB-LP	REEDLEY CA	109.8	LIC	BLTVL -20011003AAH
13	KCBA	SALINAS CA	156.4	LIC	BLCDT -20030707ACL
13	KTVN	RENO NV	198.5	LIC	BLCDT -20030212AAS
13	KKEY	BAKERSFIELD CA	259.9	APP	USERRECORD-01

Total scenarios = 1

Result key: 2
 Scenario 1 Affected station 13
 Before Analysis

Results for: 13A CA FRESNO BLDVL 20110908ACI LIC

HAAT 1.0 m, ATV ERP 0.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	173895	5377.4
not affected by terrain losses	173348	5258.3
lost to NTSC IX	242	4.0
lost to additional IX by ATV	382	52.6
lost to ATV IX only	382	53.6
lost to all IX	624	56.6

Potential Interfering Stations Included in above Scenario 1

13N CA REEDLEY	BLTVL	20011003AAH	LIC
13A CA SALINAS	BLCDDT	20030707ACL	LIC

After Analysis

Results for: 13A CA FRESNO BLDVL 20110908ACI LIC

HAAT 1.0 m, ATV ERP 0.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	173895	5377.4
not affected by terrain losses	173348	5258.3
lost to NTSC IX	242	4.0
lost to additional IX by ATV	489	53.6
lost to ATV IX only	705	55.6
lost to all IX	731	57.6

Potential Interfering Stations Included in above Scenario 1

13N CA REEDLEY	BLTVL	20011003AAH	LIC
13A CA SALINAS	BLCDDT	20030707ACL	LIC
13A CA BAKERSFIELD	USERRECORD01		APP

Percent new IX = 0.0619%

Worst case new IX 0.0619% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	KCOP-TV	LOS ANGELES CA	BLCDDT -20100709AFG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	KSWT	YUMA AZ	326.5	LIC	BLCDDT -20100421ACO
13	KSWT	YUMA AZ	326.4	LIC	BLCDDT -20120426ABZ
13	KSWT-DR	YUMA AZ	326.5	APP	BPRM -20080715AFH
13	KCBA	SALINAS CA	419.5	LIC	BLCDDT -20030707ACL
13	KTNV-TV	LAS VEGAS NV	334.7	LIC	BMLCDDT -20121219AAK
13	KKEY	BAKERSFIELD CA	148.3	APP	USERRECORD-01

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 14
Before Analysis

Results for: 13A CA LOS ANGELES BLCDT 20100709AFG LIC
HAAT 905.0 m, ATV ERP 120.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16497248	56310.0
not affected by terrain losses	16119503	48120.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23057	344.5
lost to ATV IX only	23057	344.5
lost to all IX	23057	344.5

Potential Interfering Stations Included in above Scenario 1

13A AZ YUMA	BLCDT	20100421ACO	LIC
13A NV LAS VEGAS	BMLCDT	20121219AAK	LIC

After Analysis

Results for: 13A CA LOS ANGELES BLCDT 20100709AFG LIC
HAAT 905.0 m, ATV ERP 120.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16497248	56310.0
not affected by terrain losses	16119503	48120.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23074	438.0
lost to ATV IX only	23074	438.0
lost to all IX	23074	438.0

Potential Interfering Stations Included in above Scenario 1

13A AZ YUMA	BLCDT	20100421ACO	LIC
13A NV LAS VEGAS	BMLCDT	20121219AAK	LIC
13A CA BAKERSFIELD	USERRECORD01		APP

Percent new IX = 0.0001%

Result key: 4
Scenario 2 Affected station 14
Before Analysis

Results for: 13A CA LOS ANGELES BLCDT 20100709AFG LIC
HAAT 905.0 m, ATV ERP 120.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16497248	56310.0
not affected by terrain losses	16119503	48120.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22995	343.5
lost to ATV IX only	22995	343.5
lost to all IX	22995	343.5

Potential Interfering Stations Included in above Scenario 2

13A AZ YUMA	BLCDT	20120426ABZ	LIC
13A NV LAS VEGAS	BMLCDT	20121219AAK	LIC

After Analysis

Results for: 13A CA LOS ANGELES BLCDT 20100709AFG LIC
HAAT 905.0 m, ATV ERP 120.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16497248	56310.0

not affected by terrain losses	16119503	48120.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23012	437.0
lost to ATV IX only	23012	437.0
lost to all IX	23012	437.0

Potential Interfering Stations Included in above Scenario 2

13A AZ YUMA	BLCDT	20120426ABZ	LIC
13A NV LAS VEGAS	BMLCDT	20121219AAK	LIC
13A CA BAKERSFIELD	USERRECORD01		APP

Percent new IX = 0.0001%

Worst case new IX 0.0001% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	NEW	MODESTO CA	BNPDVL -20100204ADQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	K13ZL-D	FRESNO CA	74.4	LIC	BLDVL -20110908ACI
13	KCWB-LP	REEDLEY CA	163.5	LIC	BLTVL -20011003AAH
13	KCBA	SALINAS CA	98.9	LIC	BLCDDT -20030707ACL
13	KTVN	RENO NV	220.4	LIC	BLCDDT -20030212AAS
13	KKEY	BAKERSFIELD CA	297.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13WJ	MORONGO VALLEY CA	BDFCDTV -20120109ACV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	KYAV-LD	PALM SPRINGS CA	24.4	LIC	BLDVL -20120213AAD
12	KYAV-LD	PALM SPRINGS CA	24.4	CP	BPDVL -20130508AIT
13	KSWT	YUMA AZ	194.8	LIC	BLCDDT -20100421ACO
13	KSWT	YUMA AZ	194.7	LIC	BLCDDT -20120426ABZ
13	KSWT-DR	YUMA AZ	194.8	APP	BPRM -20080715AFH
13	KCOP-TV	LOS ANGELES CA	140.8	LIC	BLCDDT -20100709AFG
13	KTNV-TV	LAS VEGAS NV	249.8	LIC	BMLCDT -20121219AAK
13	KKEY	BAKERSFIELD CA	251.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	K13WJ	MORONGO VALLEY CA	BLTTV	-19950929IM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	KSWT	YUMA AZ	194.8	LIC	BLCDDT	-20100421ACO
13	KSWT	YUMA AZ	194.7	LIC	BLCDDT	-20120426ABZ
13	KSWT-DR	YUMA AZ	194.8	APP	BPRM	-20080715AFH
13	KCOP-TV	LOS ANGELES CA	140.8	LIC	BLCDDT	-20100709AFG
13	KTNV-TV	LAS VEGAS NV	249.8	LIC	BMLCDDT	-20121219AAK
13	KKEY	BAKERSFIELD CA	251.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KCWB-LP	REEDLEY CA	BLTVL	-20011003AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	K17JI-D	FRESNO CA	37.9	APP	BPTVA	-20040324AFP
12	K17JI-D	FRESNO CA	37.9	LIC	BLTVA	-20010111AAG
13	K13EX	BRIDGEPORT, ETC. CA	160.1	LIC	BLTTV	-19791227IB
13	KCOP-TV	LOS ANGELES CA	301.2	LIC	BLCDDT	-20100709AFG
13	KCBA	SALINAS CA	197.6	LIC	BLCDDT	-20030707ACL
13	KTNV-TV	LAS VEGAS NV	389.8	LIC	BMLCDDT	-20121219AAK
13	KTVN	RENO NV	290.5	LIC	BLCDDT	-20030212AAS
13	K13YU	TONOPAH NV	233.4	LIC	BLTVL	-20080124AEW
13	KKEY	BAKERSFIELD CA	153.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5

Scenario 1 Affected station 18
Before Analysis

Results for: 13N CA REEDLEY BLTVL 20011003AAH LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	577568	2052.8
not affected by terrain losses	576692	2023.4
lost to NTSC IX	19671	48.9
lost to additional IX by ATV	0	0.0
lost to all IX	19671	48.9

Potential Interfering Stations Included in above Scenario 1

12N CA FRESNO BPTVA 20040324AFP APP

After Analysis

Results for: 13N CA REEDLEY BLTVL 20011003AAH LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	577568	2052.8
not affected by terrain losses	576692	2023.4
lost to NTSC IX	19671	48.9
lost to additional IX by ATV	3834	58.7

lost to all IX 23505 107.6

Potential Interfering Stations Included in above Scenario 1

12N CA FRESNO BPTVA 20040324AFP APP
13A CA BAKERSFIELD USERRECORD01 APP

Percent new IX = 0.6638%

Result key: 6
Scenario 2 Affected station 18
Before Analysis

Results for: 13N CA REEDLEY BLTVL 20011003AAH LIC
POPULATION AREA (sq km)
within Noise Limited Contour 577568 2052.8
not affected by terrain losses 576692 2023.4
lost to NTSC IX 937 17.6
lost to additional IX by ATV 0 0.0
lost to all IX 937 17.6

Potential Interfering Stations Included in above Scenario 2

12N CA FRESNO BLTVA 20010111AAG LIC

After Analysis

Results for: 13N CA REEDLEY BLTVL 20011003AAH LIC
POPULATION AREA (sq km)
within Noise Limited Contour 577568 2052.8
not affected by terrain losses 576692 2023.4
lost to NTSC IX 937 17.6
lost to additional IX by ATV 3834 58.7
lost to all IX 4771 76.3

Potential Interfering Stations Included in above Scenario 2

12N CA FRESNO BLTVA 20010111AAG LIC
13A CA BAKERSFIELD USERRECORD01 APP

Percent new IX = 0.6638%

Worst case new IX 0.6638% Scenario 1

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel Call City/State Application Ref. No.
13 KCWB-LP REEDLEY CA BDFCDVL -20090821ADB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	KCOP-TV	LOS ANGELES CA	301.2	LIC	BLC DT -20100709AFG
13	KCBA	SALINAS CA	197.6	LIC	BLC DT -20030707ACL
13	KTNV-TV	LAS VEGAS NV	389.8	LIC	BMLC DT -20121219AAK
13	KTVN	RENO NV	290.5	LIC	BLC DT -20030212AAS
13	KKEY	BAKERSFIELD CA	153.3	APP	USERRECORD-01

Total scenarios = 1

Result key: 7
Scenario 1 Affected station 19
Before Analysis

Results for: 13A CA REEDLEY BDFCDVL 20090821ADB CP

HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	745380	3955.5
not affected by terrain losses	745328	3917.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 13A CA REEDLEY BDFCDVL 20090821ADB CP

HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	745380	3955.5
not affected by terrain losses	745328	3917.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	454	10.8
lost to ATV IX only	454	10.8
lost to all IX	454	10.8

Potential Interfering Stations Included in above Scenario 1

13A CA BAKERSFIELD USERRECORD01 APP

Percent new IX = 0.0609%

Worst case new IX 0.0609% Scenario 1

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13NF	RIDGECREST, ETC. CA	BLTTV -4572

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	KSWT	YUMA AZ	385.9	LIC	BLCDDT -20100421ACO
13	KSWT	YUMA AZ	385.8	LIC	BLCDDT -20120426ABZ
13	KSWT-DR	YUMA AZ	385.9	APP	BPRM -20080715AFH
13	KCOP-TV	LOS ANGELES CA	165.2	LIC	BLCDDT -20100709AFG
13	KCWB-LP	REEDLEY CA	192.8	LIC	BLTVL -20011003AAH
13	KCBA	SALINAS CA	370.1	LIC	BLCDDT -20030707ACL
13	KTNV-TV	LAS VEGAS NV	232.9	LIC	BMLCDDT -20121219AAK
13	KKEY	BAKERSFIELD CA	105.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KCBA	SALINAS CA	BLCDDT	-20030707ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KNTV	SAN JOSE CA	132.2	LIC	BLCDDT	-20050923AHA
13	KCOP-TV	LOS ANGELES CA	419.5	LIC	BLCDDT	-20100709AFG
13	KTVN	RENO NV	317.8	LIC	BLCDDT	-20030212AAS
13	KKEY	BAKERSFIELD CA	288.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	K13YK	GABBS NV	BLTTV	-20040204ACY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	K13WI	HAWTHORNE NV	73.8	CP	BPTVL	-20081027ACW
13	KTVN	RENO NV	178.7	LIC	BLCDDT	-20030212AAS
13	K13YU	TONOPAH NV	106.7	LIC	BLTVL	-20080124AEW
13	KKEY	BAKERSFIELD CA	388.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	K13WI	HAWTHORNE NV	BPTVL	-20081027ACW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	K13EX	BRIDGEPORT, ETC. CA	71.4	LIC	BLTTV	-19791227IB
13	KCWB-LP	REEDLEY CA	206.0	LIC	BLTVL	-20011003AAH
13	KCBA	SALINAS CA	320.6	LIC	BLCDDT	-20030707ACL
13	K13YK	GABBS NV	73.8	LIC	BLTTV	-20040204ACY
13	KTVN	RENO NV	140.2	LIC	BLCDDT	-20030212AAS
13	K13YU	TONOPAH NV	132.3	LIC	BLTVL	-20080124AEW
13	KKEY	BAKERSFIELD CA	343.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	K13WI	HAWTHORNE NV	BLTVL	-19940418II

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	K13EX	BRIDGEPORT, ETC. CA	72.0	LIC	BLTTV	-19791227IB
13	KCWB-LP	REEDLEY CA	206.9	LIC	BLTVL	-20011003AAH
13	KCBA	SALINAS CA	321.3	LIC	BLCDDT	-20030707ACL
13	K13YK	GABBS NV	73.2	LIC	BLTTV	-20040204ACY
13	KTVN	RENO NV	139.7	LIC	BLCDDT	-20030212AAS
13	K13YU	TONOPAH NV	132.5	LIC	BLTVL	-20080124AEW
13	KKEY	BAKERSFIELD CA	344.1	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	NEW	INDIAN SPRINGS NV	BDCCDTV	-20100827AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	KCOP-TV	LOS ANGELES CA	343.3	LIC	BLCDDT	-20100709AFG
13	KTNV-TV	LAS VEGAS NV	89.3	LIC	BMLCDDT	-20121219AAK
13	KKEY	BAKERSFIELD CA	307.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KTNV-TV	LAS VEGAS NV	BMLCDDT	-20121219AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	KFPH-DT	FLAGSTAFF AZ	337.8	LIC	BLCDDT	-20090901AEY
13	KSWT	YUMA AZ	322.0	LIC	BLCDDT	-20100421ACO
13	KSWT	YUMA AZ	321.9	LIC	BLCDDT	-20120426ABZ
13	KSWT-DR	YUMA AZ	322.0	APP	BPRM	-20080715AFH
13	KCOP-TV	LOS ANGELES CA	334.7	LIC	BLCDDT	-20100709AFG
13	KKEY	BAKERSFIELD CA	338.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13YU	TONOPAH NV	BLTVL -20080124AEW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	KCWB-LP	REEDLEY CA	233.4	LIC	BLTVL -20011003AAH
13	K13YK	GABBS NV	106.7	LIC	BLTTV -20040204ACY
13	K13WI	HAWTHORNE NV	132.3	CP	BPTVL -20081027ACW
13	KTNV-TV	LAS VEGAS NV	304.7	LIC	BMLCDT -20121219AAK
13	KTVN	RENO NV	269.5	LIC	BLCDDT -20030212AAS
13	KKEY	BAKERSFIELD CA	321.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	KKEY	BAKERSFIELD CA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	KJOI-LP	BAKERSFIELD CA	0.1	CP	BDFCDVL -20090821ADI
12	KJOI-LP	BAKERSFIELD CA	0.1	LIC	BLTVL -20080819ABF
13	KCOP-TV	LOS ANGELES CA	148.3	LIC	BLCDDT -20100709AFG
13	KCWB-LP	REEDLEY CA	153.3	LIC	BLTVL -20011003AAH
13	KCWB-LP	REEDLEY CA	153.3	CP	BDFCDVL -20090821ADB
13	K13NF	RIDGECREST, ETC. CA	105.7	LIC	BLTTV -4572
13	KCBA	SALINAS CA	288.1	LIC	BLCDDT -20030707ACL
13	KTNV-TV	LAS VEGAS NV	338.4	LIC	BMLCDT -20121219AAK

Total scenarios = 1

Result key: 8

Scenario 1 Affected station 28
Before Analysis

Results for: 13A CA BAKERSFIELD USERRECORD01 APP
HAAT 434.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	559687	9091.5
not affected by terrain losses	550961	8743.1
lost to NTSC IX	3	9.0
lost to additional IX by ATV	32	87.6
lost to ATV IX only	32	93.6
lost to all IX	35	96.6

Potential Interfering Stations Included in above Scenario 1

13N CA REEDLEY	BLTVL	20011003AAH	LIC
13A CA LOS ANGELES	BLCDDT	20100709AFG	LIC

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