

FIGURE 1 (22 Pages)

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: 08-24-2011 Time: 15:37:33

Record Selected for Analysis

MTWILSON USERRECORD-01 MT. WILSON CA US
Channel 04 ERP 3. kW HAAT 900. m RCAMSL 01787 m FULL SERVICE MASK
Latitude 034-13-35 Longitude 0118-03-58
Status APP Zone 1 Border Site number: 01
Dir Antenna Make usr Model SCA_2CL46S_80 Beam tilt N Ref Azimuth 180.
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	43.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.003	379.1	20.7	
45.0	0.010	363.9	27.7	
90.0	0.266	610.8	62.6	
135.0	2.799	1364.7	97.0	
180.0	2.419	1488.2	96.6	
225.0	2.799	1444.3	97.6	
270.0	0.266	983.6	71.8	
315.0	0.010	567.9	34.2	

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 = 207.4km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

	Proposed Station		
Channel	Call	City/State	ARN
04	MTWILSON	MT. WILSON CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	BAKERSFIELD CA	143.2	APP	BMJADVL	-20100520ABV
03	NEW	BAKERSFIELD CA	102.7	APP	BSFDTL	-20060630AXN
03	KVTU-LP	LOS ANGELES CA	23.8	CP	BPTVL	-20110222AEE
03	KVTU-LP	LOS ANGELES CA	1.5	APP	BDFCDVL	-20110404ACO
03	KVTU-LP	LOS ANGELES CA	33.9	APP	BDFCDVL	-20100827ABD
03	KVTU-LP	LOS ANGELES CA	38.0	LIC	BLTVL	-20110124AAJ
03	KVTU-LP	LOS ANGELES CA	33.9	APP	BDFCDVL	-20100309ABS
03	KVTU-LP	LOS ANGELES CA	0.2	CP MOD	BMPTVL	-20100826AFT
03	KVTU-LP	LOS ANGELES CA	23.8	APP	BSTA	-20091027AEL
03	K03EK	NEWBERRY SPRINGS CA	143.8	LIC	BLTTV	-4849
03	NEW	PALM SPRINGS CA	155.6	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	38.6	APP	BDFCDTT	-20060320AAT
03	NEW	YUCA VALLEY CA	154.4	APP	BMJADVL	-20100520ADI
04	K04GT	BULLHEAD CITY AZ	339.0	CP	BDFCDTV	-20090824AIE
04	K04GT	BULLHEAD CITY AZ	339.0	LIC	BLTTV	-3789
04	KTFB-CA	BAKERSFIELD CA	148.1	LIC	BLTVL	-19981026JJ
04	KTFB-CA	BAKERSFIELD CA	148.1	APP	BSTA	-20070531BGH
04	NEW	CATHEDRAL CITY CA	155.5	APP	BSTA	-20110608AAS
04	NEW	CATHEDRAL CITY CA	155.5	APP	BNPDVL	-20100219ABN
04	KVER-CA	INDIO CA	176.1	LIC	BLTVL	-19900820IO
04	K04HX	RIDGECREST, ETC. CA	165.1	LIC	BLTTV	-4567
04	K14OD-D	SAN JUAN BAUTISTA CA	419.2	CP	BNPDVL	-20090825BIS
04	K04QZ-D	SANTA BARBARA CA	157.5	CP	BNPDVL	-20090825AQB

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
03	NEW	BAKERSFIELD CA	BMJADVL -20100520ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	K02QZ-D	BAKERSFIELD CA	21.2	CP	BNPDVL -20090825AQF
02	K02QT-D	SANTA BARBARA CA	104.0	CP	BNPDVL -20090828AAU
03	NEW	BAKERSFIELD CA	48.7	APP	BSFDTL -20060630AXN
03	K03HK	FRESNO CA	198.4	APP	BPTVL -20040329AFS
03	K03HK	FRESNO CA	198.4	LIC	BLTVL -20060327AIS
03	KVTU-LP	LOS ANGELES CA	144.6	APP	BDFCDVL -20110404ACO
03	KVTU-LP	LOS ANGELES CA	169.9	APP	BDFCDVL -20100827ABD
03	KVTU-LP	LOS ANGELES CA	169.9	APP	BDFCDVL -20100309ABS
03	K59AO	PALMDALE CA	160.1	APP	BDFCDTT -20060320AAT
03	K03IB-D	SANTA MARIA CA	125.0	CP	BNPDVL -20090825APT
04	MTWILSON	MT. WILSON CA	143.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
03	NEW	BAKERSFIELD CA	BSFDTL -20060630AXN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	K02QZ-D	BAKERSFIELD CA	69.9	CP	BNPDVL -20090825AQF
02	K02QT-D	SANTA BARBARA CA	86.0	CP	BNPDVL -20090828AAU
02	K39GY	VICTORVILLE CA	127.6	APP	BDISDVL -20090805AAZ
03	NEW	BAKERSFIELD CA	48.7	APP	BMJADVL -20100520ABV
03	K03HK	FRESNO CA	247.1	APP	BPTVL -20040329AFS
03	K03HK	FRESNO CA	247.1	LIC	BLTVL -20060327AIS
03	KVTU-LP	LOS ANGELES CA	103.9	APP	BDFCDVL -20110404ACO
03	KVTU-LP	LOS ANGELES CA	133.3	APP	BDFCDVL -20100827ABD
03	KVTU-LP	LOS ANGELES CA	133.3	APP	BDFCDVL -20100309ABS
03	K59AO	PALMDALE CA	127.5	APP	BDFCDTT -20060320AAT
03	K03IB-D	SANTA MARIA CA	133.9	CP	BNPDVL -20090825APT
04	K04QZ-D	SANTA BARBARA CA	80.5	CP	BNPDVL -20090825AQB
04	MTWILSON	MT. WILSON CA	102.7	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.
03	KVTU-LP	LOS ANGELES CA	BPTVL	-20110222AEE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	K39GY	VICTORVILLE CA	49.0	APP	BDISDVL	-20090805AAZ
03	NEW	BAKERSFIELD CA	121.3	APP	BSFDTL	-20060630AXN
03	K03EK	NEWBERRY SPRINGS CA	152.8	LIC	BLTTV	-4849
03	NEW	PALM SPRINGS CA	147.1	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	49.0	APP	BDFCDTT	-20060320AAT
04	MTWILSON	MT. WILSON CA	23.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 3
 Before Analysis

Results for: 3N CA LOS ANGELES BPTVL 20110222AEE CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	3647493	1311.7
not affected by terrain losses	3549271	1274.2
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: 3N CA LOS ANGELES BPTVL 20110222AEE CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	3647493	1311.7
not affected by terrain losses	3549271	1274.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9762	2.0
lost to all IX	9762	2.0

Potential Interfering Stations Included in above Scenario 1

4A CA MT. WILSON USERRECORD01 APP

Percent new IX = 0.2676%

Result key: 2
 Scenario 2 Affected station 3
 Before Analysis

Results for: 3N CA LOS ANGELES BPTVL 20110222AEE CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	3647493	1311.7
not affected by terrain losses	3549271	1274.2

lost to NTSC IX	0	0.0
lost to additional IX by ATV	3662	3.0
lost to all IX	3662	3.0

Potential Interfering Stations Included in above Scenario 2

3A CA PALMDALE BDFCDTT 20060320AAT APP

After Analysis

Results for:	3N CA LOS ANGELES	BPTVL	20110222AEE	CP
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3647493	1311.7	
	not affected by terrain losses	3549271	1274.2	
	lost to NTSC IX	0	0.0	
	lost to additional IX by ATV	13424	4.9	
	lost to all IX	13424	4.9	

Potential Interfering Stations Included in above Scenario 2

3A CA PALMDALE BDFCDTT 20060320AAT APP
 4A CA MT. WILSON USERRECORD01 APP

Percent new IX = 0.2676%

Worst case new IX 0.2676% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
03	KVTU-LP	LOS ANGELES CA	BDFCDVL -20110404ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	NEW	LOS ANGELES CA	109.2	APP	BMJADVL -20100518AAK
02	K39GY	VICTORVILLE CA	38.8	APP	BDISDVL -20090805AAZ
03	NEW	BAKERSFIELD CA	144.6	APP	BMJADVL -20100520ABV
03	NEW	BAKERSFIELD CA	103.9	APP	BSFDTL -20060630AXN
03	K03EK	NEWBERRY SPRINGS CA	144.1	LIC	BLTTV -4849
03	NEW	PALM SPRINGS CA	154.8	APP	BNPDVL -20100202AAX
03	K59AO	PALMDALE CA	38.8	APP	BDFCDTT -20060320AAT
03	NEW	YUCA VALLEY CA	154.0	APP	BMJADVL -20100520ADI
04	MTWILSON	MT. WILSON CA	1.5	APP	USERRECORD-01

Total scenarios = 16

Result key: 5
 Scenario 3 Affected station 4
 Before Analysis

Results for: 3A CA LOS ANGELES BDFCDVL 20110404ACO APP
HAAT 1470.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11004350	7529.0
not affected by terrain losses	11004307	7524.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1033	19.7
lost to ATV IX only	1033	19.7
lost to all IX	1033	19.7

Potential Interfering Stations Included in above Scenario 3

2A CA LOS ANGELES	BMJADVL	20100518AAK	APP
3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
3A CA PALM SPRINGS	BNPDVL	20100202AAX	APP

After Analysis

Results for: 3A CA LOS ANGELES BDFCDVL 20110404ACO APP
HAAT 1470.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11004350	7529.0
not affected by terrain losses	11004307	7524.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	171705	165.8
lost to ATV IX only	171705	165.8
lost to all IX	171705	165.8

Potential Interfering Stations Included in above Scenario 3

2A CA LOS ANGELES	BMJADVL	20100518AAK	APP
3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
3A CA PALM SPRINGS	BNPDVL	20100202AAX	APP
4A CA MT. WILSON	USERRECORD01		APP

Percent new IX = 1.5511%

Worst case new IX 1.5511% Scenario 3

(NOTE: WORST-CASE SCENARIO TO THIS AFFECTED STATION IS SHOWN—ALL OTHERS HAVE BEEN REMOVED. ALL REMOVED SCENARIOS SHOW THE SAME OR LESS NEW INTERFERENCE THAN SHOWN BY THE WORST-CASE SCENARIO.)

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
03	KVTU-LP	LOS ANGELES CA	BDFCDVL -20100827ABD

(NOTE: THIS AFFECTED STATION APPLICATION HAS BEEN DISMISSED BY THE FCC. THEREFORE, THIS STUDY HAS BEEN REMOVED. NO PROTECTION TO THIS AFFECTED STATION APPLICATION IS REQUIRED.)

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	KVTU-LP	LOS ANGELES CA	BLTVL	-20110124AAJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	NEW	LOS ANGELES CA	73.0	APP	BMJADVL	-20100518AAK
02	K39GY	VICTORVILLE CA	12.7	APP	BDISDVL	-20090805AAZ
03	NEW	BAKERSFIELD CA	134.5	APP	BSFDTL	-20060630AXN
03	K03EK	NEWBERRY SPRINGS CA	111.0	LIC	BLTTV	-4849
03	NEW	PALM SPRINGS CA	119.7	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	12.8	APP	BDFCDTT	-20060320AAT
03	NEW	YUCA VALLEY CA	116.6	APP	BMJADVL	-20100520ADI
04	MTWILSON	MT. WILSON CA	38.0	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.
03	KVTU-LP	LOS ANGELES CA	BDFCDVL	-20100309ABS

(NOTE: THIS AFFECTED STATION APPLICATION HAS BEEN DISMISSED BY THE FCC. THEREFORE, THIS STUDY HAS BEEN REMOVED. NO PROTECTION TO THIS AFFECTED STATION APPLICATION IS REQUIRED.)

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	KVTU-LP	LOS ANGELES CA	BMPTVL	-20100826AFT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	NEW	LOS ANGELES CA	110.0	APP	BMJADVL	-20100518AAK
02	K39GY	VICTORVILLE CA	38.7	APP	BDISDVL	-20090805AAZ
03	NEW	BAKERSFIELD CA	102.6	APP	BSFDTL	-20060630AXN
03	K03EK	NEWBERRY SPRINGS CA	143.8	LIC	BLTTV	-4849
03	NEW	PALM SPRINGS CA	155.8	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	38.7	APP	BDFCDTT	-20060320AAT
03	NEW	YUCA VALLEY CA	154.6	APP	BMJADVL	-20100520ADI

04 MTWILSON MT. WILSON CA 0.2 APP USERRECORD-01

Total scenarios = 1

Result key: 43
Scenario 1 Affected station 8
Before Analysis

Results for:	3N CA LOS ANGELES	BMPTVL	20100826AFT	CP
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	6904105	3035.9	
	not affected by terrain losses	6834507	2934.4	
	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:	3N CA LOS ANGELES	BMPTVL	20100826AFT	CP
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	6904105	3035.9	
	not affected by terrain losses	6834507	2934.4	
	lost to NTSC IX	0	0.0	
	lost to additional IX by ATV	63462	33.5	
	lost to all IX	63462	33.5	

Potential Interfering Stations Included in above Scenario 1

4A CA MT. WILSON USERRECORD01 APP

Percent new IX = 0.9192%

Worst case new IX 0.9192% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	KVTU-LP	LOS ANGELES CA	BSTA	-20091027AEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	K39GY	VICTORVILLE CA	49.1	APP	BDISDVL	-20090805AAZ
03	NEW	BAKERSFIELD CA	121.3	APP	BSFDTL	-20060630AXN
03	K03EK	NEWBERRY SPRINGS CA	152.8	LIC	BLTTV	-4849
03	NEW	PALM SPRINGS CA	147.2	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	49.1	APP	BDFCDTT	-20060320AAT
04	MTWILSON MT. WILSON CA		23.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 44
Scenario 1 Affected station 9
Before Analysis

Results for:	3N CA LOS ANGELES	BSTA	20091027AEL	APP
	POPULATION		AREA (sq km)	
within Noise Limited Contour	2064349		669.7	
not affected by terrain losses	2030500		652.9	
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:	3N CA LOS ANGELES	BSTA	20091027AEL	APP
	POPULATION		AREA (sq km)	
within Noise Limited Contour	2064349		669.7	
not affected by terrain losses	2030500		652.9	
lost to NTSC IX	0		0.0	
lost to additional IX by ATV	5899		2.0	
lost to all IX	5899		2.0	

Potential Interfering Stations Included in above Scenario 1

4A CA MT. WILSON USERRECORD01 APP

Percent new IX = 0.2858%

Result key: 45
Scenario 2 Affected station 9
Before Analysis

Results for:	3N CA LOS ANGELES	BSTA	20091027AEL	APP
	POPULATION		AREA (sq km)	
within Noise Limited Contour	2064349		669.7	
not affected by terrain losses	2030500		652.9	
lost to NTSC IX	0		0.0	
lost to additional IX by ATV	8293		3.0	
lost to all IX	8293		3.0	

Potential Interfering Stations Included in above Scenario 2

3A CA PALMDALE BDFCDTT 20060320AAT APP

After Analysis

Results for:	3N CA LOS ANGELES	BSTA	20091027AEL	APP
	POPULATION		AREA (sq km)	
within Noise Limited Contour	2064349		669.7	
not affected by terrain losses	2030500		652.9	

lost to NTSC IX	0	0.0
lost to additional IX by ATV	11172	3.9
lost to all IX	11172	3.9

Potential Interfering Stations Included in above Scenario 2

3A CA PALMDALE	BDFCDTT	20060320AAT	APP
4A CA MT. WILSON	USERRECORD01		APP

Percent new IX = 0.1395%

Worst case new IX 0.2858% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	K03EK	NEWBERRY SPRINGS CA	BLTTV	-4849

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	KVTU-LP	LOS ANGELES CA	144.1	APP	BDFCDVL	-20110404ACO
03	KVTU-LP	LOS ANGELES CA	117.9	APP	BDFCDVL	-20100827ABD
03	KVTU-LP	LOS ANGELES CA	117.9	APP	BDFCDVL	-20100309ABS
03	NEW	PALM SPRINGS CA	109.9	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	105.6	APP	BDFCDTT	-20060320AAT
03	NEW	YUCA VALLEY CA	80.3	APP	BMJADVL	-20100520ADI
04	MTWILSON	MT. WILSON CA	143.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	NEW	PALM SPRINGS CA	BNPDVL	-20100202AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	NEW	LOS ANGELES CA	47.3	APP	BMJADVL	-20100518AAK
02	KCWQ-LP	PALM SPRINGS CA	0.1	LIC	BLTVL	-20060928ALV
02	K39GY	VICTORVILLE CA	126.2	APP	BDISDVL	-20090805AAZ
03	KVTU-LP	LOS ANGELES CA	154.8	APP	BDFCDVL	-20110404ACO
03	KVTU-LP	LOS ANGELES CA	122.0	APP	BDFCDVL	-20100827ABD
03	KVTU-LP	LOS ANGELES CA	122.0	APP	BDFCDVL	-20100309ABS
03	K03EK	NEWBERRY SPRINGS CA	109.9	LIC	BLTTV	-4849

03	K59AO	PALMDALE CA	126.3	APP	BDFCDTT	-20060320AAT
03	NEW	YUCA VALLEY CA	32.1	APP	BMJADVL	-20100520ADI
04	NEW	CATHEDRAL CITY CA	0.1	APP	BSTA	-20110608AAS
04	NEW	CATHEDRAL CITY CA	0.1	APP	BNPDVL	-20100219ABN
04	KVER-CA	INDIO CA	20.6	LIC	BLTVL	-19900820IO
04	MTWILSON	MT. WILSON CA	155.6	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.
03	K59AO	PALMDALE CA	BDFCDTT -20060320AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	NEW	LOS ANGELES CA	79.1	APP	BMJADVL -20100518AAK
02	K39GY	VICTORVILLE CA	0.1	APP	BDISDVL -20090805AAZ
03	NEW	BAKERSFIELD CA	160.1	APP	BMJADVL -20100520ABV
03	NEW	BAKERSFIELD CA	127.5	APP	BSFDTL -20060630AXN
03	KVTU-LP	LOS ANGELES CA	38.8	APP	BDFCDVL -20110404ACO
03	KVTU-LP	LOS ANGELES CA	18.5	APP	BDFCDVL -20100827ABD
03	KVTU-LP	LOS ANGELES CA	18.5	APP	BDFCDVL -20100309ABS
03	K03EK	NEWBERRY SPRINGS CA	105.6	LIC	BLTTV -4849
03	NEW	PALM SPRINGS CA	126.3	APP	BNPDVL -20100202AAX
03	NEW	YUCA VALLEY CA	120.2	APP	BMJADVL -20100520ADI
04	NEW	CATHEDRAL CITY CA	126.2	APP	BSTA -20110608AAS
04	NEW	CATHEDRAL CITY CA	126.2	APP	BNPDVL -20100219ABN
04	MTWILSON	MT. WILSON CA	38.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
03	NEW	YUCA VALLEY CA	BMJADVL -20100520ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	NEW	LOS ANGELES CA	47.1	APP	BMJADVL -20100518AAK
02	KCWQ-LP	PALM SPRINGS CA	32.1	LIC	BLTVL -20060928ALV
02	K39GY	VICTORVILLE CA	120.1	APP	BDISDVL -20090805AAZ
03	KVTU-LP	LOS ANGELES CA	154.0	APP	BDFCDVL -20110404ACO
03	KVTU-LP	LOS ANGELES CA	120.7	APP	BDFCDVL -20100827ABD
03	KVTU-LP	LOS ANGELES CA	120.7	APP	BDFCDVL -20100309ABS

03	K03EK	NEWBERRY SPRINGS CA	80.3	LIC	BLTTV	-4849
03	NEW	PALM SPRINGS CA	32.1	APP	BNPDVL	-20100202AAX
03	K59AO	PALMDALE CA	120.2	APP	BDFCDTT	-20060320AAT
04	NEW	CATHEDRAL CITY CA	32.1	APP	BSTA	-20110608AAS
04	NEW	CATHEDRAL CITY CA	32.1	APP	BNPDVL	-20100219ABN
04	KVER-CA	INDIO CA	41.8	LIC	BLTVL	-19900820IO
04	MTWILSON	MT. WILSON CA	154.4	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
04	K04GT	BULLHEAD CITY AZ	BDFCDTV -20090824AIE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
03	K02HR	BULLHEAD CITY AZ	0.0	CP	BDISDTV -20091030AGW
04	MTWILSON	MT. WILSON CA	339.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
04	K04GT	BULLHEAD CITY AZ	BLTTV -3789

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
03	K02HR	BULLHEAD CITY AZ	0.0	CP	BDISDTV -20091030AGW
04	K04AI	PRESCOTT AZ	200.8	LIC	BLTTV -3874
04	MTWILSON	MT. WILSON CA	339.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
04	KTFB-CA	BAKERSFIELD CA	BLTVL	-19981026JJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	BAKERSFIELD CA	41.1	APP	BMJADVL	-20100520ABV
03	NEW	BAKERSFIELD CA	76.6	APP	BSFDTL	-20060630AXN
04	K04HX	RIDGECREST, ETC. CA	105.9	LIC	BLTTV	-4567
04	MTWILSON	MT. WILSON CA	148.1	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.
04	KTFB-CA	BAKERSFIELD CA	BSTA	-20070531BGH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	BAKERSFIELD CA	41.3	APP	BMJADVL	-20100520ABV
04	K04HX	RIDGECREST, ETC. CA	105.7	LIC	BLTTV	-4567
04	MTWILSON	MT. WILSON CA	148.1	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.
04	NEW	CATHEDRAL CITY CA	BSTA	-20110608AAS

(NOTE: THIS AFFECTED STATION IS AN STA THAT DOES NOT REQUIRE PROTECTION. THEREFORE, THIS STUDY HAS BEEN REMOVED.)

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
04	NEW	CATHEDRAL CITY CA	BNPDVL	-20100219ABN

(NOTE: THE PROPOSED DISPLACEMENT APPLICATION HAS PRIORITY OVER THIS PENDING APPLICATION FOR A NEW LPTV; THEREFORE, THE STUDY TO THIS AFFECTED STATION IS NOT REQUIRED AND HAS BEEN REMOVED.)

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
04	KVER-CA	INDIO CA	BLTVL	-19900820IO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	PALM SPRINGS CA	20.6	APP	BNPDVL	-20100202AAX
03	NEW	YUCA VALLEY CA	41.8	APP	BMJADVL	-20100520ADI
04	NEW	CATHEDRAL CITY CA	20.7	APP	BSTA	-20110608AAS
04	NEW	CATHEDRAL CITY CA	20.7	APP	BNPDVL	-20100219ABN
04	MTWILSON MT.	WILSON CA	176.1	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.
04	K04HX	RIDGECREST, ETC. CA	BLTTV	-4567

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
04	KTFB-CA	BAKERSFIELD CA	105.9	LIC	BLTVL	-19981026JJ
04	KTFB-CA	BAKERSFIELD CA	105.7	APP	BSTA	-20070531BGH
04	MTWILSON MT.	WILSON CA	165.1	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.
04	K140D-D	SAN JUAN BAUTISTA CA	BNPDVL	-20090825BIS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	KMMD-CA	SALINAS CA	26.7	LIC	BLTVA	-20060524AGK
04	K04QR-D	ESPARTO CA	213.3	LIC	BLDVL	-20100714ABU
04	KTVJ-LP	PETALUMA CA	161.7	CP	BDISDVL	-20090108ADX
04	K04RC-D	TURLOCK CA	98.8	CP	BNPDVL	-20090825BNR
04	MTWILSON MT.	WILSON CA	419.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
04	K04QZ-D	SANTA BARBARA CA	BNPDVL	-20090825AQB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	BAKERSFIELD CA	80.5	APP	BSFDTL	-20060630AXN
04	KTFB-CA	BAKERSFIELD CA	143.2	LIC	BLTVL	-19981026JJ
04	KTFB-CA	BAKERSFIELD CA	143.4	APP	BSTA	-20070531BGH
04	MTWILSON	MT. WILSON CA	157.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
04	MTWILSON	MT. WILSON CA	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	BAKERSFIELD CA	102.7	APP	BSFDTL	-20060630AXN
03	KVTU-LP	LOS ANGELES CA	1.5	APP	BDFCDVL	-20110404ACO
03	KVTU-LP	LOS ANGELES CA	33.9	APP	BDFCDVL	-20100827ABD
03	KVTU-LP	LOS ANGELES CA	33.9	APP	BDFCDVL	-20100309ABS
03	K59AO	PALMDALE CA	38.6	APP	BDFCDTT	-20060320AAT
04	KTFB-CA	BAKERSFIELD CA	148.1	LIC	BLTVL	-19981026JJ
04	KTFB-CA	BAKERSFIELD CA	148.1	APP	BSTA	-20070531BGH
04	NEW	CATHEDRAL CITY CA	155.5	APP	BSTA	-20110608AAS
04	NEW	CATHEDRAL CITY CA	155.5	APP	BNPDVL	-20100219ABN
04	KVER-CA	INDIO CA	176.1	LIC	BLTVL	-19900820IO
04	K04HX	RIDGECREST, ETC. CA	165.1	LIC	BLTTV	-4567
04	K04QZ-D	SANTA BARBARA CA	157.5	CP	BNPDVL	-20090825AQB

Total scenarios = 19

Result key: 50
Scenario 1 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 13820008 15436.1

not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2529	7.9
lost to ATV IX only	2529	7.9
lost to all IX	2529	7.9

Potential Interfering Stations Included in above Scenario 1

4A CA SANTA BARBARA BNPDVL 20090825AQB CP

Result key: 51
Scenario 2 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4206	9.9
lost to ATV IX only	4206	9.9
lost to all IX	4206	9.9

Potential Interfering Stations Included in above Scenario 2

3A CA BAKERSFIELD BSFDTL 20060630AXN APP
3A CA LOS ANGELES BDFCDVL 20110404ACO APP
4A CA CATHEDRAL CITY BSTA 20110608AAS APP
4A CA SANTA BARBARA BNPDVL 20090825AQB CP

Result key: 52
Scenario 3 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4206	9.9
lost to ATV IX only	4206	9.9
lost to all IX	4206	9.9

Potential Interfering Stations Included in above Scenario 3

3A CA BAKERSFIELD BSFDTL 20060630AXN APP
3A CA LOS ANGELES BDFCDVL 20110404ACO APP
4A CA CATHEDRAL CITY BNPDVL 20100219ABN APP
4A CA SANTA BARBARA BNPDVL 20090825AQB CP

Result key: 53
Scenario 4 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP

HAAT 900.0 m, ATV ERP 3.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4193	8.9
lost to ATV IX only	4193	8.9
lost to all IX	4193	8.9

Potential Interfering Stations Included in above Scenario 4

3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
3A CA LOS ANGELES	BDFCDVL	20110404ACO	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 54
 Scenario 5 Affected station 24
 Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP

HAAT 900.0 m, ATV ERP 3.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3483	25.7
lost to ATV IX only	3483	25.7
lost to all IX	3483	25.7

Potential Interfering Stations Included in above Scenario 5

3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
3A CA LOS ANGELES	BDFCDVL	20100309ABS	APP
4A CA CATHEDRAL CITY	BSTA	20110608AAS	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 55
 Scenario 6 Affected station 24
 Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP

HAAT 900.0 m, ATV ERP 3.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3483	25.7
lost to ATV IX only	3483	25.7
lost to all IX	3483	25.7

Potential Interfering Stations Included in above Scenario 6

3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
3A CA LOS ANGELES	BDFCDVL	20100309ABS	APP
4A CA CATHEDRAL CITY	BNPDVL	20100219ABN	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 56
Scenario 7 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3470	24.7
lost to ATV IX only	3470	24.7
lost to all IX	3470	24.7

Potential Interfering Stations Included in above Scenario 7

3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
3A CA LOS ANGELES	BDFCDVL	20100309ABS	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 57
Scenario 8 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2542	8.9
lost to ATV IX only	2542	8.9
lost to all IX	2542	8.9

Potential Interfering Stations Included in above Scenario 8

3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
4A CA CATHEDRAL CITY	BSTA	20110608AAS	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 58
Scenario 9 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2542	8.9
lost to ATV IX only	2542	8.9
lost to all IX	2542	8.9

Potential Interfering Stations Included in above Scenario 9

3A CA BAKERSFIELD	BSFDTL	20060630AXN	APP
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4A CA CATHEDRAL CITY BNPDVL 20100219ABN APP
4A CA SANTA BARBARA BNPDVL 20090825AQB CP

Result key: 59
Scenario 10 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP

HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2529	7.9
lost to ATV IX only	2529	7.9
lost to all IX	2529	7.9

Potential Interfering Stations Included in above Scenario 10

3A CA BAKERSFIELD BSFDTL 20060630AXN APP
4A CA SANTA BARBARA BNPDVL 20090825AQB CP

Result key: 60
Scenario 11 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP

HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4206	9.9
lost to ATV IX only	4206	9.9
lost to all IX	4206	9.9

Potential Interfering Stations Included in above Scenario 11

3A CA LOS ANGELES BDFCDVL 20110404ACO APP
4A CA CATHEDRAL CITY BSTA 20110608AAS APP
4A CA SANTA BARBARA BNPDVL 20090825AQB CP

Result key: 61
Scenario 12 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP

HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4206	9.9
lost to ATV IX only	4206	9.9
lost to all IX	4206	9.9

Potential Interfering Stations Included in above Scenario 12

3A CA LOS ANGELES	BDFCDVL	20110404ACO	APP
4A CA CATHEDRAL CITY	BNPDVL	20100219ABN	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 62
 Scenario 13 Affected station 24
 Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
 HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4193	8.9
lost to ATV IX only	4193	8.9
lost to all IX	4193	8.9

Potential Interfering Stations Included in above Scenario 13

3A CA LOS ANGELES	BDFCDVL	20110404ACO	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 63
 Scenario 14 Affected station 24
 Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
 HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3483	25.7
lost to ATV IX only	3483	25.7
lost to all IX	3483	25.7

Potential Interfering Stations Included in above Scenario 14

3A CA LOS ANGELES	BDFCDVL	20100309ABS	APP
4A CA CATHEDRAL CITY	BSTA	20110608AAS	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 64
 Scenario 15 Affected station 24
 Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
 HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3483	25.7
lost to ATV IX only	3483	25.7
lost to all IX	3483	25.7

Potential Interfering Stations Included in above Scenario 15

3A CA LOS ANGELES	BDFCDVL	20100309ABS	APP
4A CA CATHEDRAL CITY	BNPDVL	20100219ABN	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 65
Scenario 16 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3470	24.7
lost to ATV IX only	3470	24.7
lost to all IX	3470	24.7

Potential Interfering Stations Included in above Scenario 16

3A CA LOS ANGELES	BDFCDVL	20100309ABS	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 66
Scenario 17 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2542	8.9
lost to ATV IX only	2542	8.9
lost to all IX	2542	8.9

Potential Interfering Stations Included in above Scenario 17

4A CA CATHEDRAL CITY	BSTA	20110608AAS	APP
4A CA SANTA BARBARA	BNPDVL	20090825AQB	CP

Result key: 67
Scenario 18 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2542	8.9
lost to ATV IX only	2542	8.9

lost to all IX 2542 8.9

Potential Interfering Stations Included in above Scenario 18

4A CA CATHEDRAL CITY BNPDLV 20100219ABN APP
4A CA SANTA BARBARA BNPDLV 20090825AQB CP

Result key: 68
Scenario 19 Affected station 24
Before Analysis

Results for: 4A CA MT. WILSON USERRECORD01 APP
HAAT 900.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	13820008	15436.1
not affected by terrain losses	13811382	15307.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2529	7.9
lost to ATV IX only	2529	7.9
lost to all IX	2529	7.9

Potential Interfering Stations Included in above Scenario 19

4A CA SANTA BARBARA BNPDLV 20090825AQB CP

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