

# DELAWDER COMMUNICATIONS, INC.

P.O. Box 1095

Ashburn, Virginia 20146-1095

(703) 299-9222

## ENGINEERING REPORT

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KTAV-LD, Altadena, CA, 46D Minor Change

### LPTV DIGITAL – INTERFERENCE STUDIES

1. Note that this proposal to replace the current directional antenna with a similar (but slightly different) antenna does not increase the ERP towards Mexico. (All pattern relative field increases are between 228 degrees True clockwise to 312 degrees True.) ***Therefore, coordination with Mexico is not required.***

2. Attached as Figure 1 are the OET-69 study results for the proposed facility (as the referenced station) as determined on a Sun Computer using a Solaris (Unix-based) operating system and using the same OET-69 software as developed for use by the FCC. (According to the software developer, the program used herein provides identical results as the FCC's OET-69 processing program.)

3. Due to an apparent anomaly in the Figure 1 results, interference above the de minimus levels is erroneously shown to occur to two adjacent channel 45D stations—KEDD-LD and KSKJ-CD. This is because the none of the "Before Analysis" results to these stations includes the licensed KTAV-LD facility. In other words, the existing level of predicted adjacent-channel interference from the licensed KTAV-LD facility to both KEDD-LD and KSKJ-CD is not being considered in the OET-69 program for the Figure 1 study. Without this proper baseline of predicted existing interference, the results are skewed and inaccurate.

4. *The antenna change being proposed by KTAV-LD is minimal with no antenna pattern change from 314 degrees clockwise to 226 degrees True—over three quarters of the licensed pattern is unchanged. And the pattern increase from 228 degrees True clockwise to 312 degrees true is minimal—less than 1.5 dB. The interference increase that results is below de minimus to both KEDD-LD and KSKJ-CD. In support of this fact, attached as Figures 2 and 3 are the predicted OET-69 interference results from the licensed KTAV-LD facility to KEDD-LD and KSKJ-CD, respectively. KEDD-LD is currently predicted to receive a level of interference from the licensed KTAV-LD facility of 18.3199%. KSKJ-CD is currently predicted to receive a level of interference from the licensed KTAV-LD facility of 1.1673%. The levels of interference to KEDD-LD and KSKJ-CD from the proposed facility (in Figure 1) are less than the allowed de minimus levels.*

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KTAV-LD, Altadena, CA, 46D Minor Change

5. All studies are conducted in accordance with current FCC Rules and Regulations. As demonstrated by Figure 1, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules.

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

**FIGURE 1 (45 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/cdbb/pt\_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-19-2015 Time: 20:31:35

Record Selected for Analysis

KTAVLD USERRECORD-01 ALTADENA CA US  
Channel 46 ERP 15. kW HAAT 894. m RCAMSL 01781 m STRINGENT MASK  
Latitude 034-13-35 Longitude 0118-03-58  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make usr Model KTAVLD\_AUG15 Beam tilt N Ref Azimuth 0.  
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	3.528	373.1	51.300	
45.0	0.002	357.9	12.209	
90.0	0.000	604.8	1.814	
135.0	0.000	1358.7	8.307	
180.0	3.528	1482.2	71.578	
225.0	14.613	1438.3	83.521	
270.0	14.201	977.6	75.013	
315.0	14.613	561.9	66.019	

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

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
46	KTAVLD	ALTADENA CA	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31AD	VICTORVILLE, ETC. CA	83.3	LIC	BLTT	-19900108IL
32	K32EM	MORONGO VALLEY CA	141.1	LIC	BLTTL	-19970721JS
38	KSCD-LP	BIG BEAR LAKE CA	93.5	LIC	BLTTL	-20080630ADI
38	DKPAL-LP	PALMDALE CA	27.8	APP	BSTA	-20120612ABB
43	K43EE	LUCERNE VALLEY CA	112.1	LIC	BLTT	-19960216JF
43	K43AG-D	RIDGECREST CA	73.0	CP	BPTTL	-20110208ABW
45	KUVI-DT	BAKERSFIELD CA	148.1	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	155.5	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	0.8	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	0.8	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	117.2	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	103.1	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	107.7	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	143.7	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	37.8	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	33.7	APP	BDISDTL	-20101014ACN
46	K46CG-D	GOLDEN VALLEY AZ	369.0	LIC	BLDTT	-20130308ABC
46	K46GI-D	LAKE HAVASU CITY AZ	341.4	LIC	BLDTT	-20130308ABU
46	NEW	PARKER AZ	359.5	APP	BNPDTL	-20100514ADL
46	NEW	YUMA AZ	362.6	APP	BMJADTL	-20100524ABG
46	KCCF-LD	ATASCADERO CA	276.7	LIC	BLDTT	-20140421ABW
46	K46II-D	BAKERSFIELD CA	148.0	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	148.1	CP	BPDTT	-20140725AAE
46	KMIR-TV	PALM SPRINGS CA	155.6	LIC	BLCDDT	-20091214ABB
46	KTCD-LP	SAN DIEGO CA	169.1	LIC	BLTTL	-19980402JG
46	K46MC-D	SANTA BARBARA CA	150.2	CP	BNPDTL	-20100429ADF
46	K46GF	SANTA MARIA CA	208.3	LIC	BLTTL	-20050712ABD
46	KPVM-LD	PAHRUMP NV	291.6	LIC	BLDTL	-20100709AKS
47	KAZA-TV	AVALON CA	0.1	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	0.1	APP	BLANK	-0000003115
47	K47AE-D	INYOKERN, ETC CA	143.7	LIC	BLDTT	-20081106AAB
47	KIJR-LP	LUCERNE VALLEY CA	155.6	CP	BDFCDTL	-20100702CYU
47	KIJR-LP	LUCERNE VALLEY CA	155.6	LIC	BLTTL	-20050916ACW
47	K47CC-D	VICTORVILLE CA	83.2	LIC	BLDTT	-20100331AAK

48	K48AD	LUCERNE VALLEY CA	112.1	LIC	BLTT	-2100
49	KHAX-LP	VISTA CA	138.7	LIC	BLTT	-19930115IN
50	K50EW	LUCERNE VALLEY CA	112.1	LIC	BLTTL	-19981124JG

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# Analysis of Interference to Affected Station 1

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31AD	VICTORVILLE, ETC. CA	BLTT	-19900108IL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KVMD	TWENTYNINE PALMS CA	77.1	LIC	BLCDDT	-20060615AAB
23	KVMD	TWENTYNINE PALMS CA	0.2	APP	BPCDDT	-20100325ACD
23	KVMD	TWENTYNINE PALMS CA	93.5	APP	BPCDDT	-20100325ACD
23	KVMD	TWENTYNINE PALMS CA	77.1	APP	BPCDDT	-20100325ACD
24	KBEH	OXNARD CA	83.7	APP	BPCDDT	-20091119ACZ
24	KBEH	OXNARD CA	83.7	LIC	BLCDDT	-20091119ACV
28	KCET	LOS ANGELES CA	83.1	LIC	BLEDT	-20090615ADO
28	KCET	LOS ANGELES CA	83.1	APP	BMPEDT	-20090206ACI
29	KFTR-DT	ONTARIO CA	83.3	LIC	BLCDDT	-20100401AFY
29	KFTR-DT	ONTARIO CA	83.3	APP	BPCDDT	-20100426ACW
30	K30MN-D	BARSTOW CA	34.8	CP	BNPDTL	-20091204AEA
31	KBTF-CD	BAKERSFIELD CA	151.5	LIC	BLDTA	-20100921ABW
31	KRET-CD	CATHEDRAL CITY CA	113.9	APP	BSTA	-20140708ACF
31	KTLA	LOS ANGELES CA	83.2	LIC	BLCDDT	-20050713ACE
31	KRET-CD	PALM SPRINGS CA	113.9	LIC	BLDTA	-20140702ADK
31	K31MF-D	YUCCA VALLEY CA	77.1	CP	BNPDTL	-20100512AFR
32	KDOC-TV	ANAHEIM CA	83.3	LIC	BLCDDT	-20060626ACV
33	KTBN-DR	SANTA ANA CA	83.1	APP	BPRM	-20081031ACN
33	KTBN-TV	SANTA ANA CA	83.1	LIC	BLCDDT	-20091019ABG
34	KMEX-DT	LOS ANGELES CA	83.3	LIC	BLCDDT	-20121203ASI
35	KRCA	RIVERSIDE CA	83.7	LIC	BLCDDT	-20091112AIM
38	KPXN-TV	SAN BERNARDINO CA	83.7	LIC	BLCDDT	-20050623AAG
39	KVEA	CORONA CA	83.7	LIC	BLCDDT	-20100629AZI
39	KVEA	CORONA CA	83.7	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	123.5	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	123.5	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	42.9	APP	BPCDDT	-20101203AAU
46	KMIR-TV	PALM SPRINGS CA	114.0	LIC	BLCDDT	-20091214ABB
46	KTAVLD	ALTADENA CA	83.3	APP	USERRECORD-01	
24	KBEH	OXNARD CA		APP	BPCDDT	-20091119ACZ

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.
32	K32EM	MORONGO VALLEY CA	BLTTL -19970721JS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KBEH	OXNARD CA	140.5	APP	BPCDT -20091119ACZ
24	KBEH	OXNARD CA	140.5	LIC	BLCDT -20091119ACV
28	KCET	LOS ANGELES CA	140.7	LIC	BLEDT -20090615ADO
28	KCET	LOS ANGELES CA	140.7	APP	BMPEDT -20090206ACI
29	KFTR-DT	ONTARIO CA	141.1	LIC	BLCDT -20100401AFY
29	KFTR-DT	ONTARIO CA	141.1	APP	BPCDT -20100426ACW
31	KRET-CD	CATHEDRAL CITY CA	24.3	APP	BSTA -20140708ACF
31	NEW	PALM SPRINGS CA	22.8	APP	BNPDTL -20090825BLV
31	KRET-CD	PALM SPRINGS CA	24.3	LIC	BLDTA -20140702ADK
31	K31MF-D	YUCCA VALLEY CA	24.9	CP	BNPDTL -20100512AFR
32	KDOC-TV	ANAHEIM CA	141.1	LIC	BLCDT -20060626ACV
32	KMCC	LAUGHLIN NV	269.4	CP	BPCDT -20111209DNR
32	KMCC	LAUGHLIN NV	249.8	CP	BPCDT -20111209DNR
33	KRVD-LP	BANNING CA	24.9	LIC	BLTTL -20070103ACI
34	KMEX-DT	LOS ANGELES CA	141.1	LIC	BLCDT -20121203ASI
35	KRCA	RIVERSIDE CA	140.5	LIC	BLCDT -20091112AIM
36	KNBC	LOS ANGELES CA	140.9	APP	BMPCDT -20100811ABJ
36	KNBC	LOS ANGELES CA	108.8	APP	BMPCDT -20100811ABJ
36	KNBC	LOS ANGELES CA	140.9	LIC	BLCDT -20070820ACK
39	KVEA	CORONA CA	140.5	LIC	BLCDT -20100629AZI
39	KVEA	CORONA CA	140.5	APP	BPCDT -20101203AAU
39	KVEA	CORONA CA	108.8	APP	BPCDT -20101203AAU
46	KMIR-TV	PALM SPRINGS CA	24.3	LIC	BLCDT -20091214ABB
47	KAZA-TV	AVALON CA	141.1	LIC	BLCDT -20051223AAZ
47	KAZA-TV	AVALON CA	141.0	APP	BLANK -0000003115
47	KIJR-LP	LUCERNE VALLEY CA	24.4	LIC	BLTTL -20050916ACW
46	KTAVLD	ALTADENA CA	141.1	APP	USERRECORD-01
24	KBEH	OXNARD CA		APP	BPCDT -20091119ACZ
36	KNBC	LOS ANGELES CA		APP	BMPCDT -20100811ABJ
36	KNBC	LOS ANGELES CA		APP	BMPCDT -20100811ABJ
39	KVEA	CORONA CA		APP	BPCDT -20101203AAU
39	KVEA	CORONA CA		APP	BPCDT -20101203AAU

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 3

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
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38 KSCD-LP BIG BEAR LAKE CA BLTTL -20080630ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KTLA	LOS ANGELES CA	93.5	LIC	BLCDT	-20050713ACE
34	KMEX-DT	LOS ANGELES CA	93.6	LIC	BLCDT	-20121203ASI
35	KRCA	RIVERSIDE CA	93.1	LIC	BLCDT	-20091112AIM
36	KNBC	LOS ANGELES CA	93.4	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	142.3	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	60.1	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	142.3	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	93.4	LIC	BLCDT	-20070820ACK
38	KPSP-CD	CATHEDRAL CITY CA	67.7	LIC	BLDTA	-20100930AVC
38	KSEE	FRESNO CA	385.2	LIC	BMLCDT	-20080324AIQ
38	DKPAL-LP	PALMDALE CA	88.3	APP	BSTA	-20120612ABB
38	KPXN-TV	SAN BERNARDINO CA	93.1	LIC	BLCDT	-20050623AAG
39	KVEA	CORONA CA	93.1	LIC	BLCDT	-20100629AZI
39	KVEA	CORONA CA	93.1	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	60.1	APP	BPCDT	-20101203AAU
39	KDFX-CD	INDIO/PALM SPRINGS CA	67.6	LIC	BLDTA	-20141219ACH
41	KLCS	LOS ANGELES CA	93.2	LIC	BLEDT	-20101029ACJ
42	KWHY-TV	LOS ANGELES CA	93.6	APP	BPCDT	-20130109ADK
42	KWHY-TV	LOS ANGELES CA	93.1	LIC	BLCDT	-20060629AFB
42	KESQ-TV	PALM SPRINGS CA	67.6	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	87.8	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	28.0	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	67.4	LIC	BLCDT	-20090612AGZ
46	KMIR-TV	PALM SPRINGS CA	67.6	LIC	BLCDT	-20091214ABB
46	KTAVLD	ALTADENA CA	93.5	APP	USERRECORD-01	
39	KVEA	CORONA CA		APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA		APP	BPCDT	-20101203AAU

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.
38	DKPAL-LP	PALMDALE CA	BSTA	-20120612ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KTLA	LOS ANGELES CA	27.8	LIC	BLCDT	-20050713ACE
34	KMEX-DT	LOS ANGELES CA	27.8	LIC	BLCDT	-20121203ASI
35	KRCA	RIVERSIDE CA	29.0	LIC	BLCDT	-20091112AIM
36	KNBC	LOS ANGELES CA	27.8	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	59.9	APP	BMPCDT	-20100811ABJ

36	KNBC	LOS ANGELES CA	28.1	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	59.9	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	27.8	LIC	BLCDDT	-20070820ACK
38	KNXT-LP	BAKERSFIELD CA	130.1	LIC	BLTTL	-20070524ADC
38	KSCD-LP	BIG BEAR LAKE CA	88.3	LIC	BLTTL	-20080630ADI
38	KSEE	FRESNO CA	319.3	LIC	BMLCDT	-20080324AIQ
38	KPXN-TV	SAN BERNARDINO CA	29.1	LIC	BLCDDT	-20050623AAG
39	KVEA	CORONA CA	29.0	LIC	BLCDDT	-20100629AZI
39	KVEA	CORONA CA	29.0	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	59.9	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	59.9	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	28.1	APP	BPCDDT	-20101203AAU
41	KLCS	LOS ANGELES CA	28.0	LIC	BLEDT	-20101029ACJ
42	KWHY-TV	LOS ANGELES CA	27.8	APP	BPCDDT	-20130109ADK
42	KWHY-TV	LOS ANGELES CA	29.0	LIC	BLCDDT	-20060629AFB
42	KESQ-TV	PALM SPRINGS CA	115.0	APP	BMPCDT	-20091124ABY
45	KUVI-DT	BAKERSFIELD CA	130.1	LIC	BLCDDT	-20090616ACL
46	KTAVLD	ALTADENA CA	27.8	APP	USERRECORD-01	
42	KESQ-TV	PALM SPRINGS CA		APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA		APP	BMPCDT	-20091124ABY

Proposal causes no interference

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#### Analysis of Interference to Affected Station 5

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43EE	LUCERNE VALLEY CA	BLTT	-19960216JF

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KRCA	RIVERSIDE CA	112.0	LIC	BLCDDT	-20091112AIM
36	KNBC	LOS ANGELES CA	112.0	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	72.5	APP	BMPCDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	112.0	LIC	BLCDDT	-20070820ACK
39	KVEA	CORONA CA	112.0	LIC	BLCDDT	-20100629AZI
39	KVEA	CORONA CA	112.0	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	72.5	APP	BPCDDT	-20101203AAU
41	KLCS	LOS ANGELES CA	111.8	LIC	BLEDT	-20101029ACJ
42	KWHY-TV	LOS ANGELES CA	112.1	APP	BPCDDT	-20130109ADK
42	KWHY-TV	LOS ANGELES CA	112.0	LIC	BLCDDT	-20060629AFB
42	KESQ-TV	PALM SPRINGS CA	78.0	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	95.0	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	47.6	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	77.9	LIC	BLCDDT	-20090612AGZ
43	KGMC	CLOVIS CA	334.0	LIC	BLCDDT	-20090612AIA
43	K43AG-D	EDWARDS CA	69.8	LIC	BLDTL	-20110714ADI
43	KCBS-TV	LOS ANGELES CA	112.1	LIC	BLCDDT	-20090612AIQ
43	KDUO-LP	PALM DESERT CA	78.0	LIC	BLTTL	-20071210ABX
43	KDUO-LP	PALM DESERT CA	78.0	CP	BDFCDTL	-20100217AAL



43	K43AG-D	RIDGECREST CA	69.9	CP	BPTTL	-20110208ABW
43	K43AG-D	VICTORVILLE CA	40.1	APP	BPDTL	-20120817ACI
44	KILM	BARSTOW CA	40.7	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	112.0	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	47.6	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	40.7	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	47.6	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	107.6	LIC	BLANK	-0000001040
46	KMIR-TV	PALM SPRINGS CA	77.9	LIC	BLCDDT	-20091214ABB
47	KAZA-TV	AVALON CA	112.0	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	112.0	APP	BLANK	-0000003115
51	KXLA	RANCHO PALOS VERDES CA	112.1	APP	BPCDDT	-20120524AIO
51	KXLA	RANCHO PALOS VERDES CA	112.1	LIC	BLCDDT	-20060322ACN
46	KTAVLD	ALTADENA CA	112.1	APP	USERRECORD-01	
36	KNBC	LOS ANGELES CA		APP	BMPCDDT	-20100811ABJ
36	KNBC	LOS ANGELES CA		APP	BMPCDDT	-20100811ABJ
39	KVEA	CORONA CA		APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA		APP	BPCDDT	-20101203AAU

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.
43	K43AG-D	RIDGECREST CA	BPTTL	-20110208ABW

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KRCA	RIVERSIDE CA	73.9	LIC	BLCDDT	-20091112AIM
36	KNBC	LOS ANGELES CA	73.0	APP	BMPCDDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	104.2	APP	BMPCDDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	40.4	APP	BMPCDDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	104.2	APP	BMPCDDT	-20100811ABJ
36	KNBC	LOS ANGELES CA	73.0	LIC	BLCDDT	-20070820ACK
39	KVEA	CORONA CA	73.9	LIC	BLCDDT	-20100629AZI
39	KVEA	CORONA CA	73.9	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	104.2	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	104.2	APP	BPCDDT	-20101203AAU
39	KVEA	CORONA CA	40.4	APP	BPCDDT	-20101203AAU
41	KLCS	LOS ANGELES CA	73.0	LIC	BLEDT	-20101029ACJ
42	NEW	BARSTOW CA	48.7	APP	BMJADTL	-20100520ADF
42	KWHY-TV	LOS ANGELES CA	73.0	APP	BPCDDT	-20130109ADK
42	KWHY-TV	LOS ANGELES CA	73.9	LIC	BLCDDT	-20060629AFB
42	KESQ-TV	PALM SPRINGS CA	104.0	APP	BMPCDDT	-20091124ABY
43	KPMC-LP	BAKERSFIELD CA	132.1	LIC	BLTTL	-20080418AAF
43	KPMC-LP	BAKERSFIELD CA	132.1	CP	BDFCDDT	-20090821ADE
43	KGMC	CLOVIS CA	271.6	LIC	BLCDDT	-20090612AIA

43	KCBS-TV	LOS ANGELES CA	72.9	LIC	BLCDDT	-20090612AIQ
43	K43EE	LUCERNE VALLEY CA	69.9	APP	BDFCDTT	-20120112AEX
43	KDUO-LP	PALM DESERT CA	142.2	CP	BDFCDTL	-20100217AAL
44	KILM	BARSTOW CA	29.3	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	73.9	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	104.0	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	29.3	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	104.0	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	71.1	LIC	BLANK	-0000001040
45	KUVI-DT	BAKERSFIELD CA	132.2	LIC	BLCDDT	-20090616ACL
46	KMIR-TV	PALM SPRINGS CA	142.1	LIC	BLCDDT	-20091214ABB
47	KAZA-TV	AVALON CA	72.9	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	72.9	APP	BLANK	-0000003115
51	KXLA	RANCHO PALOS VERDES CA	73.0	APP	BPCDDT	-20120524AIO
51	KXLA	RANCHO PALOS VERDES CA	73.0	LIC	BLCDDT	-20060322ACN
46	KTAVLD	ALTADENA CA	73.0	APP	USERRECORD-01	
42	KESQ-TV	PALM SPRINGS CA		APP	BMPCDDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA		APP	BMPCDDT	-20091124ABY

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 7

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KUVI-DT	BAKERSFIELD CA	BLCDDT -20090616ACL

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KILM	BARSTOW CA	161.3	APP	BLANK -0000004357
44	KILM	BARSTOW CA	149.6	APP	BLANK -0000004357
44	KILM	BARSTOW CA	161.3	LIC	BLANK -0000001040
44	KILM	BARSTOW CA	151.6	LIC	BLANK -0000001040
45	KBCW	SAN FRANCISCO CA	419.5	LIC	BLCDDT -20110713AAE
46	KTAVLD	ALTADENA CA	148.1	APP	USERRECORD-01
44	KILM	BARSTOW CA		APP	BLANK -0000004357
44	KILM	BARSTOW CA		LIC	BLANK -0000001040

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 8

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KRET-CD	CATHEDRAL CITY CA	BDFCDTA -20080801ASC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KILM	BARSTOW CA	113.8	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	39.8	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	113.8	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	39.8	LIC	BLANK	-0000001040
45	KUVI-DT	BAKERSFIELD CA	273.8	LIC	BLCDT	-20090616ACL
45	KEDD-LD	LOS ANGELES CA	156.1	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	156.1	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	39.8	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	52.8	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	59.8	CP	BNPDTL	-20090825BNA
45	KSKJ-CD	VAN NUYS CA	193.2	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	122.1	APP	BDISDTL	-20101014ACN
46	KMIR-TV	PALM SPRINGS CA	0.2	LIC	BLCDT	-20091214ABB
46	KTAVLD	ALTADENA CA	155.5	APP	USERRECORD-01	
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 9

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KEDD-LD	LOS ANGELES CA	BSTA	-20130930BFC

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

#####

#### Analysis of Interference to Affected Station 10

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KEDD-LD	LOS ANGELES CA	BDISDTL	-20120618ABU

NOTE: WHILE THIS STUDY APPEARS TO SHOW INTERFERENCE, IT IS NOTED THAT THE "BEFORE ANALYSIS" SCENARIOS DO NOT PROPERLY INCLUDE THE EXISTING KTAV-LD LICENSED FACILITY IN ANY SCENARIO. WHEN THE EXISTING LEVEL OF INTERFERENCE FROM THE KTAV-LD LICENSED FACILITY IS CONSIDERED TO THIS LATER-FILED KEDD-LD ADJACENT-CHANNEL FACILITY (THE RESULTS ARE SHOWN IN FIGURE 2, ATTACHED, FROM THE LICENSED KTAV-LD FACILITY TO KEDD-LD), THIS AFFECTED STATION IS ADEQUATELY PROTECTED. THE INCREASED LEVEL OF INTERFERENCE IS BELOW 2 PERCENT.

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KTFB-CA	BAKERSFIELD CA	147.4	APP	BDISDTA	-20101008AAZ
44	KILM	BARSTOW CA	83.3	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	2.3	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	117.8	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	83.3	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	117.8	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	5.9	LIC	BLANK	-0000001040
44	KUHD-LP	CAMARILLO CA	55.4	CP	BDISDTL	-20101018ACP
45	KUVI-DT	BAKERSFIELD CA	147.4	LIC	BLCDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	156.1	APP	BDFCDTA	-20080801ASC
45	KRMV-LP	MORENO VALLEY CA	117.8	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	103.8	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	108.2	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	143.2	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	37.2	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	34.3	APP	BDISDTL	-20101014ACN
46	K46II-D	BAKERSFIELD CA	147.3	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	147.3	CP	BPDTT	-20140725AAE
46	KTAVLD	ALTADENA CA	0.8	APP	USERRECORD-01	

Total scenarios = 5

Result key: 6  
Scenario 1 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	558080	458.2
lost to ATV IX only	712076	542.0
lost to all IX	957877	636.6

Potential Interfering Stations Included in above Scenario 1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	1692554	828.7
lost to ATV IX only	2089361	999.2
lost to all IX	2092351	1007.1

Potential Interfering Stations Included in above Scenario 1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 1

45D CA LOS ANGELES BDISDTL 20120618ABU  
 ERP 15.00 kW HAAT 1580.0 m RCAMSL 1914.0 m  
 Antenna CDB 00000000109732

Percent new interference from proposal: 11.4418 to BDISDTL  
 20120618ABU

Result key: 7  
 Scenario 2 Affected station 10  
 Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
 HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	5004150	3874.7
lost to ATV IX only	5403947	4050.1
lost to all IX	5403947	4053.0

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP

HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	5706854	4030.4
lost to ATV IX only	6106651	4208.7
lost to all IX	6106651	4208.7

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 2

45D CA LOS ANGELES BDISDTL 20120618ABU  
ERP 15.00 kW HAAT 1580.0 m RCAMSL 1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal: 12.8487 to BDISDTL  
20120618ABU

Result key: 8  
Scenario 3 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	953775	554.8
lost to ATV IX only	1351187	717.4
lost to all IX	1353572	733.2

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA LOS ANGELES                      BDISDTL    20120618ABU   CP  
HAAT 1580.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	1696337	830.7
lost to ATV IX only	2095168	1005.1
lost to all IX	2096134	1009.1

Potential Interfering Stations Included in above Scenario                      3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      USERRECORD01  
ERP    15.00 kW   HAAT    894.0 m   RCAMSL   1781.0 m  
Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario:                      3

45D CA LOS ANGELES                      BDISDTL    20120618ABU  
ERP    15.00 kW   HAAT   1580.0 m   RCAMSL   1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal:                      7.8005 to BDISDTL  
20120618ABU

Result key:                      9  
Scenario                      4   Affected station                      10  
Before Analysis

Results for: 45A CA LOS ANGELES                      BDISDTL    20120618ABU   CP  
HAAT 1580.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	4639084	3787.0
lost to ATV IX only	4847601	3924.9
lost to all IX	5038881	3965.3

Potential Interfering Stations Included in above Scenario                      4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

# After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	5701795	4025.4
lost to ATV IX only	6101592	4203.8
lost to all IX	6101592	4203.8

Potential Interfering Stations Included in above Scenario 4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 4

45D CA LOS ANGELES BDISDTL 20120618ABU  
ERP 15.00 kW HAAT 1580.0 m RCAMSL 1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal: 18.2154 to BDISDTL  
20120618ABU

Result key: 10  
Scenario 5 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	558080	458.2
lost to ATV IX only	712076	542.0
lost to all IX	957877	636.6

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC



45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA LOS ANGELES                      BDISDTL    20120618ABU   CP  
              HAAT 1580.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	1692554	828.7
lost to ATV IX only	2089361	999.2
lost to all IX	2092351	1007.1

Potential Interfering Stations Included in above Scenario                      5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      USERRECORD01  
 ERP    15.00 kW    HAAT    894.0 m    RCAMSL    1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario:                      5

45D CA LOS ANGELES                      BDISDTL    20120618ABU  
 ERP    15.00 kW    HAAT    1580.0 m    RCAMSL    1914.0 m  
 Antenna CDB 00000000109732

Percent new interference from proposal:                      11.4418 to BDISDTL  
 20120618ABU

Worst case new IX    18.2154% Scenario                      4

#####

Analysis of Interference to Affected Station    11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KRMV-LP	MORENO VALLEY CA	BLTTL	-20070130AJO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KPXN-TV	SAN BERNARDINO CA	116.5	LIC	BLCDT	-20050623AAG
41	KLCS	LOS ANGELES CA	116.8	LIC	BLEDT	-20101029ACJ

42	KWHY-TV	LOS ANGELES CA	117.2	APP	BPCDT	-20130109ADK
42	KWHY-TV	LOS ANGELES CA	116.5	LIC	BLCDT	-20060629AFB
42	KESQ-TV	PALM SPRINGS CA	39.8	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	60.3	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	0.0	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	39.7	LIC	BLCDT	-20090612AGZ
43	KCBS-TV	LOS ANGELES CA	117.2	LIC	BLCDT	-20090612AIQ
44	KILM	BARSTOW CA	76.9	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	116.5	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	0.0	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	76.9	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	0.0	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	112.0	LIC	BLANK	-0000001040
45	KUVI-DT	BAKERSFIELD CA	235.0	LIC	BLCDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	39.8	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	117.8	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	117.8	CP	BDISDTL	-20120618ABU
45	KPOM-CD	ONTARIO CA	14.3	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	24.4	CP	BNPDTL	-20090825BNA
46	KMIR-TV	PALM SPRINGS CA	39.9	LIC	BLCDT	-20091214ABB
47	KAZA-TV	AVALON CA	117.2	LIC	BLCDT	-20051223AAZ
47	KAZA-TV	AVALON CA	117.1	APP	BLANK	-0000003115
48	KOCE-TV	HUNTINGTON BEACH CA	117.1	LIC	BLEDT	-20041117ADG
49	KJLA	VENTURA CA	117.1	APP	BPCDT	-20080905AAC
49	KJLA	VENTURA CA	117.1	LIC	BLCDT	-20041117AAB
46	KTAVLD	ALTADENA CA	117.2	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.
45	KPOM-CD	ONTARIO CA	BLANK -0000001569

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KILM	BARSTOW CA	70.0	APP	BLANK -0000004357
44	KILM	BARSTOW CA	102.4	APP	BLANK -0000004357
44	KILM	BARSTOW CA	14.3	APP	BLANK -0000004357
44	KILM	BARSTOW CA	70.0	LIC	BLANK -0000001040
44	KILM	BARSTOW CA	14.3	LIC	BLANK -0000001040
44	KILM	BARSTOW CA	97.9	LIC	BLANK -0000001040
45	KUVI-DT	BAKERSFIELD CA	224.6	LIC	BLCDT -20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	52.8	APP	BDFCDTA -20080801ASC
45	KEDD-LD	LOS ANGELES CA	103.8	APP	BSTA -20130930BFC
45	KEDD-LD	LOS ANGELES CA	103.8	CP	BDISDTL -20120618ABU
45	KRMV-LP	MORENO VALLEY CA	14.3	LIC	BLTTL -20070130AJO
45	K45MI-D	PALM SPRINGS CA	24.3	CP	BNPDTL -20090825BNA
45	K45GQ-D	RIDGECREST CA	173.1	LIC	BLDTT -20081106AAA

45	KSKJ-CD	VAN NUYS CA	140.9	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	69.5	APP	BDISDTL	-20101014ACN
46	KMIR-TV	PALM SPRINGS CA	52.9	LIC	BLCDDT	-20091214ABB
46	KTAVLD	ALTADENA CA	103.1	APP	USERRECORD-01	

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 13

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	K45MI-D	PALM SPRINGS CA	BNPDTL	-20090825BNA

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KILM	BARSTOW CA	54.0	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	107.3	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	24.4	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	54.0	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	24.4	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	102.7	LIC	BLANK	-0000001040
45	KUVI-DT	BAKERSFIELD CA	214.2	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	59.8	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	108.2	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	108.2	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	24.4	LIC	BLTTL	-20070130AJ0
45	KPOM-CD	ONTARIO CA	24.3	LIC	BLANK	-0000001569
45	K45GQ-D	RIDGECREST CA	154.8	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	144.9	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	74.6	APP	BDISDTL	-20101014ACN
46	KMIR-TV	PALM SPRINGS CA	59.9	LIC	BLCDDT	-20091214ABB
46	KTAVLD	ALTADENA CA	107.7	APP	USERRECORD-01	

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 14

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	K45GQ-D	RIDGECREST CA	BLDTT	-20081106AAA

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KTFB-CA	BAKERSFIELD CA	95.9	APP	BDISDTA	-20101008AAZ
44	KILM	BARSTOW CA	103.2	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	103.2	LIC	BLANK	-0000001040

45	KUVI-DT	BAKERSFIELD CA	95.9	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	212.6	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	143.2	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	143.2	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	178.8	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	173.1	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	154.8	CP	BNPDTL	-20090825BNA
45	KSKJ-CD	VAN NUYS CA	151.1	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	143.8	APP	BDISDTL	-20101014ACN
46	K46II-D	BAKERSFIELD CA	95.8	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	95.9	CP	BPDTT	-20140725AAE
46	KTAVLD	ALTADENA CA	143.7	APP	USERRECORD-01	
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 15

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KSKJ-CD	VAN NUYS CA	BLDTA	-20100309ACE

NOTE: WHILE THIS STUDY APPEARS TO SHOW INTERFERENCE, IT IS NOTED THAT THE "BEFORE ANALYSIS" SCENARIOS DO NOT PROPERLY INCLUDE THE EXISTING KTAV-LD LICENSED FACILITY IN ANY SCENARIO. WHEN THE EXISTING LEVEL OF INTERFERENCE FROM THE KTAV-LD LICENSED FACILITY IS CONSIDERED TO THE KSKJ-CD ADJACENT-CHANNEL FACILITY (THE RESULTS ARE SHOWN IN FIGURE 3, ATTACHED, FROM THE LICENSED KTAV-LD FACILITY TO KSKJ-CD), THIS AFFECTED STATION IS ADEQUATELY PROTECTED. THE INCREASED LEVEL OF INTERFERENCE IS BELOW 0.5 PERCENT.

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KILM	BARSTOW CA	114.5	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	38.5	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	114.5	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	43.0	LIC	BLANK	-0000001040
44	KUHD-LP	CAMARILLO CA	19.1	CP	BDISDTL	-20101018ACP
45	KUVI-DT	BAKERSFIELD CA	130.7	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	193.2	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	37.2	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	37.2	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	155.0	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	140.9	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	144.9	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	151.1	LIC	BLDTT	-20081106AAA

45	KRMV-LP	WALNUT CA	71.5	APP	BDISDTL	-20101014ACN
46	KTAVLD	ALTADENA CA	37.8	APP	USERRECORD-01	
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040

Total scenarios = 9

Result key: 11  
Scenario 1 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	52723	22.6
lost to ATV IX only	84746	31.5
lost to all IX	84746	31.5

Potential Interfering Stations Included in above Scenario 1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	70904	31.5
lost to ATV IX only	102927	40.4
lost to all IX	102927	40.4

Potential Interfering Stations Included in above Scenario 1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
ERP 15.00 kW HAAT 894.0 m RCMSL 1781.0 m

Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 1  
45D CA VAN NUYS BLDTA 20100309ACE  
ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
Antenna CDB 00000000020753

Percent new interference from proposal: 1.1482 to BLDTA  
20100309ACE

Result key: 12  
Scenario 2 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	46261	20.7
lost to ATV IX only	78284	29.5
lost to all IX	78284	29.5

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	63010	28.6
lost to ATV IX only	95033	37.4
lost to all IX	95033	37.4

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

46A CA ALTADENA

USERRECORD01

APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA

USERRECORD01

ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m

Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 2

45D CA VAN NUYS BLDTA 20100309ACE

ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m

Antenna CDB 00000000020753

Percent new interference from proposal: 1.0535 to BLDTA  
20100309ACE

Result key: 13  
Scenario 3 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	46261	20.7
lost to ATV IX only	78284	29.5
lost to all IX	78284	29.5

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	63010	28.6
lost to ATV IX only	95033	37.4
lost to all IX	95033	37.4

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP

45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 3

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.0535 to BLDTA  
 20100309ACE

Result key: 14  
 Scenario 4 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	54155	23.6
lost to ATV IX only	86178	32.5
lost to all IX	86178	32.5

Potential Interfering Stations Included in above Scenario 4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	70904	31.5
lost to ATV IX only	102927	40.4
lost to all IX	102927	40.4



Potential Interfering Stations Included in above Scenario 4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 4

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.0587 to BLDTA  
 20100309ACE

Result key: 15  
 Scenario 5 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	54155	23.6
lost to ATV IX only	86178	32.5
lost to all IX	86178	32.5

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9

lost to additional IX by ATV	70904	31.5
lost to ATV IX only	102927	40.4
lost to all IX	102927	40.4

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 5

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.0587 to BLDTA  
 20100309ACE

Result key: 16  
 Scenario 6 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	39115	17.7
lost to ATV IX only	71138	26.6
lost to all IX	71138	26.6

Potential Interfering Stations Included in above Scenario 6

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	63010	28.6
lost to ATV IX only	95033	37.4
lost to all IX	95033	37.4

Potential Interfering Stations Included in above Scenario 6

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 6

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.4962 to BLDTA  
 20100309ACE

Result key: 17  
 Scenario 7 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	39115	17.7
lost to ATV IX only	71138	26.6
lost to all IX	71138	26.6

Potential Interfering Stations Included in above Scenario 7

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC

# After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	63010	28.6
lost to ATV IX only	95033	37.4
lost to all IX	95033	37.4

Potential Interfering Stations Included in above Scenario 7

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 7

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.4962 to BLDTA  
 20100309ACE

Result key: 18  
 Scenario 8 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	52723	22.6
lost to ATV IX only	84746	31.5
lost to all IX	84746	31.5

Potential Interfering Stations Included in above Scenario 8

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC

45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

#### After Analysis

Results for: 45A CA VAN NUYS                      BLDTA              20100309ACE    LIC

HAAT    222.0 m, ATV ERP              1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	70904	31.5
lost to ATV IX only	102927	40.4
lost to all IX	102927	40.4

Potential Interfering Stations Included in above Scenario              8

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      USERRECORD01  
 ERP    15.00 kW    HAAT    894.0 m    RCAMSL    1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario:              8

45D CA VAN NUYS                      BLDTA              20100309ACE  
 ERP    1.00 kW    HAAT    222.0 m    RCAMSL    458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal:              1.1482 to BLDTA  
 20100309ACE

Result key:              19  
 Scenario              9    Affected station              15  
 Before Analysis

Results for: 45A CA VAN NUYS                      BLDTA              20100309ACE    LIC

HAAT    222.0 m, ATV ERP              1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	52723	22.6
lost to ATV IX only	84746	31.5
lost to all IX	84746	31.5

Potential Interfering Stations Included in above Scenario 9

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC

HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	70904	31.5
lost to ATV IX only	102927	40.4
lost to all IX	102927	40.4

Potential Interfering Stations Included in above Scenario 9

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

46D CA ALTADENA USERRECORD01  
 ERP 15.00 kW HAAT 894.0 m RCAMSL 1781.0 m  
 Antenna usr KTAVLD\_AUG15

Due to interference to the following station and scenario: 9

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.1482 to BLDTA  
 20100309ACE

Worst case new IX 1.4962% Scenario 6

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KRMV-LP	WALNUT CA	BDISDTL -20101014ACN

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KILM	BARSTOW CA	60.6	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	33.1	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	83.5	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	60.6	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	83.5	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	28.6	LIC	BLANK	-0000001040
44	KUHD-LP	CAMARILLO CA	89.5	CP	BDISDTL	-20101018ACP
45	KUVI-DT	BAKERSFIELD CA	168.4	LIC	BLCDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	122.1	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	34.3	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	34.3	CP	BDISDTL	-20120618ABU
45	KPOM-CD	ONTARIO CA	69.5	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	74.6	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	143.8	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	71.5	LIC	BLDTA	-20100309ACE
46	KMIR-TV	PALM SPRINGS CA	122.2	LIC	BLCDT	-20091214ABB
46	KTAVLD	ALTADENA CA	33.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 20  
Scenario 1 Affected station 16  
Before Analysis

Results for: 45A CA WALNUT BDISDTL 20101014ACN APP  
HAAT 1241.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5721710	3995.6
lost to ATV IX only	5721710	3995.6
lost to all IX	5721710	3995.6

Potential Interfering Stations Included in above Scenario 1

44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA WALNUT BDISDTL 20101014ACN APP  
HAAT 1241.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2

lost to NTSC IX	0	0.0
lost to additional IX by ATV	5722357	4000.6
lost to ATV IX only	5722357	4000.6
lost to all IX	5722357	4000.6

Potential Interfering Stations Included in above Scenario 1

44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLC DT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

Percent new IX = 0.0624%

Result key: 21  
 Scenario 2 Affected station 16  
 Before Analysis

Results for: 45A CA WALNUT BDISDTL 20101014ACN APP  
 HAAT 1241.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1417721	1185.4
lost to ATV IX only	1417721	1185.4
lost to all IX	1417721	1185.4

Potential Interfering Stations Included in above Scenario 2

44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLC DT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA WALNUT BDISDTL 20101014ACN APP  
 HAAT 1241.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1418368	1190.3
lost to ATV IX only	1418368	1190.3
lost to all IX	1418368	1190.3

Potential Interfering Stations Included in above Scenario 2

44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLC DT	20090616ACL	LIC



45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

Percent new IX = 0.0121%

Result key: 22  
 Scenario 3 Affected station 16  
 Before Analysis

Results for: 45A CA WALNUT BDISDTL 20101014ACN APP  
 HAAT 1241.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5728670	4006.5
lost to ATV IX only	5728670	4006.5
lost to all IX	5728670	4006.5

Potential Interfering Stations Included in above Scenario 3

44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA WALNUT BDISDTL 20101014ACN APP  
 HAAT 1241.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5729317	4011.4
lost to ATV IX only	5729317	4011.4
lost to all IX	5729317	4011.4

Potential Interfering Stations Included in above Scenario 3

44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

Percent new IX = 0.0628%

Result key: 23  
 Scenario 4 Affected station 16

Before Analysis

Results for: 45A CA WALNUT                      BDISDTL    20101014ACN   APP  
HAAT 1241.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1403622	1164.6
lost to ATV IX only	1403622	1164.6
lost to all IX	1403622	1164.6

Potential Interfering Stations Included in above Scenario                      4

44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA WALNUT                      BDISDTL    20101014ACN   APP  
HAAT 1241.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7031277	6153.0
not affected by terrain losses	6759003	5568.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1404269	1169.5
lost to ATV IX only	1404269	1169.5
lost to all IX	1404269	1169.5

Potential Interfering Stations Included in above Scenario                      4

44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	USERRECORD01		APP

Percent new IX =            0.0121%

Worst case new IX            0.0628% Scenario                      3

#####

Analysis of Interference to Affected Station    17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	K46CG-D	GOLDEN VALLEY AZ	BLDTT            -20130308ABC

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45MP-D	GOLDEN VALLEY AZ	13.8	CP	BNPDTL	-20100510AEB
46	K46IL	CAMP VERDE AZ	200.4	CP	BDFCDTL	-20120604AAA
46	K46GI-D	LAKE HAVASU CITY AZ	70.9	LIC	BLDTT	-20130308ABU
46	K46IL	VERDE VALLEY, ETC. AZ	200.4	LIC	BLTTL	-20080828AAB
46	KMIR-TV	PALM SPRINGS CA	253.2	LIC	BLCDDT	-20091214ABB
46	KTAVLD	ALTADENA CA	369.0	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.
46	K46GI-D	LAKE HAVASU CITY AZ	BLDTT	-20130308ABU

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45MP-D	GOLDEN VALLEY AZ	65.8	CP	BNPDTL	-20100510AEB
45	KLHU-CD	LAKE HAVASU CITY AZ	0.0	LIC	BLANK	-00000001198
46	K46IL	CAMP VERDE AZ	206.3	CP	BDFCDTL	-20120604AAA
46	K46CG-D	GOLDEN VALLEY AZ	70.9	LIC	BLDTT	-20130308ABC
46	NEW	PARKER AZ	100.9	APP	BNPDTL	-20100514ADL
46	K46IL	VERDE VALLEY, ETC. AZ	206.3	LIC	BLTTL	-20080828AAB
46	KMIR-TV	PALM SPRINGS CA	206.4	LIC	BLCDDT	-20091214ABB
46	KTAVLD	ALTADENA CA	341.4	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 19

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	NEW	PARKER AZ	BNPDTL	-20100514ADL

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46IL	CAMP VERDE AZ	222.0	CP	BDFCDTL	-20120604AAA
46	KUVE-DT	GREEN VALLEY AZ	356.3	LIC	BLCDDT	-20110128ADO

46	KUVE-DT	GREEN VALLEY AZ	331.3	APP	BPCDT	-20110629ADT
46	KUVE-DT	GREEN VALLEY AZ	356.3	APP	BPCDT	-20110629ADT
46	K46GI-D	LAKE HAVASU CITY AZ	100.9	LIC	BLDTT	-20130308ABU
46	KDPH-LD	PHOENIX AZ	203.9	LIC	BLDTL	-20100507AAA
46	K46IL	VERDE VALLEY, ETC. AZ	222.0	LIC	BLTTL	-20080828AAB
46	NEW	YUMA AZ	118.0	APP	BMJADTL	-20100524ABG
46	KMIR-TV	PALM SPRINGS CA	205.4	LIC	BLCDT	-20091214ABB
46	KTAVLD	ALTADENA CA	359.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 20

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	NEW	YUMA AZ	BMJADTL -20100524ABG

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	KUVE-DT	GREEN VALLEY AZ	366.4	LIC	BLCDT -20110128ADO
46	KUVE-DT	GREEN VALLEY AZ	331.6	APP	BPCDT -20110629ADT
46	KUVE-DT	GREEN VALLEY AZ	366.4	APP	BPCDT -20110629ADT
46	NEW	PARKER AZ	118.0	APP	BNPDTL -20100514ADL
46	KMIR-TV	PALM SPRINGS CA	213.5	LIC	BLCDT -20091214ABB
47	NEW	WELLTON AZ	56.1	APP	BNPDTL -20100510AAN
46	KTAVLD	ALTADENA CA	362.6	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.
46	KCCF-LD	ATASCADERO CA	BLDTT -20140421ABW

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46II-D	BAKERSFIELD CA	188.6	LIC	BLDTT -20100324AAD
46	K46II-D	BAKERSFIELD CA	188.5	CP	BPDTT -20140725AAE
46	K46LG-D	MONTEREY CA	215.6	CP	BPDTL -20120131AGJ
46	K46LG-D	MONTEREY CA	175.3	LIC	BLDTL -20111222AWS
46	K46MC-D	SANTA BARBARA CA	137.5	CP	BNPDTL -20100429ADF
46	K46GF	SANTA MARIA CA	70.3	LIC	BLTTL -20050712ABD
46	KQCA	STOCKTON CA	337.1	LIC	BLCDT -20060623AAM

47	K47GD	SAN LUIS OBISPO CA	16.7	CP	BDFCDTT	-20120723AEB
47	K47GD	SAN LUIS OBISPO CA	16.7	LIC	BLTTL	-19990614JA
46	KTAVLD	ALTADENA CA	276.7	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.
46	K46II-D	BAKERSFIELD CA	BLDTT	-20100324AAD

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	KUVI-DT	BAKERSFIELD CA	0.1	LIC	BLCDDT	-20090616ACL
45	KEDD-LD	LOS ANGELES CA	147.3	CP	BDISDTL	-20120618ABU
45	K45GQ-D	RIDGECREST CA	95.8	LIC	BLDTT	-20081106AAA
46	KCCF-LD	ATASCADERO CA	188.6	LIC	BLDTT	-20140421ABW
46	K46LG-D	MONTEREY CA	288.1	LIC	BLDTL	-20111222AWS
46	KMIR-TV	PALM SPRINGS CA	273.8	LIC	BLCDDT	-20091214ABB
46	K46MC-D	SANTA BARBARA CA	137.8	CP	BNPDTL	-20100429ADF
46	K46GF	SANTA MARIA CA	143.9	LIC	BLTTL	-20050712ABD
47	K47AE-D	INYOKERN, ETC CA	95.8	LIC	BLDTT	-20081106AAB
46	KTAVLD	ALTADENA CA	148.0	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.
46	K46II-D	BAKERSFIELD CA	BPDTT	-20140725AAE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	KUVI-DT	BAKERSFIELD CA	0.1	LIC	BLCDDT	-20090616ACL
45	KEDD-LD	LOS ANGELES CA	147.3	CP	BDISDTL	-20120618ABU
45	K45GQ-D	RIDGECREST CA	95.9	LIC	BLDTT	-20081106AAA
46	KCCF-LD	ATASCADERO CA	188.5	LIC	BLDTT	-20140421ABW
46	K46LG-D	MONTEREY CA	288.0	LIC	BLDTL	-20111222AWS
46	KMIR-TV	PALM SPRINGS CA	273.9	LIC	BLCDDT	-20091214ABB
46	K46MC-D	SANTA BARBARA CA	137.7	CP	BNPDTL	-20100429ADF
46	K46GF	SANTA MARIA CA	143.8	LIC	BLTTL	-20050712ABD
47	K47AE-D	INYOKERN, ETC CA	95.9	LIC	BLDTT	-20081106AAB
46	KTAVLD	ALTADENA CA	148.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KMIR-TV	PALM SPRINGS CA	BLCDT	-20091214ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KAZA-TV	AVALON CA	155.6	LIC	BLCDT	-20051223AAZ
47	KAZA-TV	AVALON CA	155.6	APP	BLANK	-0000003115
46	KTAVLD	ALTADENA CA	155.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KTCD-LP	SAN DIEGO CA	BLTTL	-19980402JG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KESQ-TV	PALM SPRINGS CA	107.5	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	112.2	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	115.4	APP	BMPCDT	-20091124ABY
42	KESQ-TV	PALM SPRINGS CA	107.5	LIC	BLCDT	-20090612AGZ
44	KILM	BARSTOW CA	115.4	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	115.4	LIC	BLANK	-0000001040
46	KMIR-TV	PALM SPRINGS CA	107.6	LIC	BLCDT	-20091214ABB
46	KTAVLD	ALTADENA CA	169.1	APP	USERRECORD-01	
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040

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.
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46 K46MC-D SANTA BARBARA CA BNPDTL -20100429ADF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KCCF-LD	ATASCADERO CA	137.5	LIC	BLDTT	-20140421ABW
46	K46II-D	BAKERSFIELD CA	137.8	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	137.7	CP	BPDTT	-20140725AAE
46	KMIR-TV	PALM SPRINGS CA	305.7	LIC	BLCDD	-20091214ABB
46	K46GF	SANTA MARIA CA	67.8	LIC	BLTTL	-20050712ABD
46	KTAVLD	ALTADENA CA	150.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 24  
Scenario 1 Affected station 26  
Before Analysis

Results for: 46A CA SANTA BARBARA BNPDTL 20100429ADF CP  
HAAT 655.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	199944	2443.8
not affected by terrain losses	199793	2378.0
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: 46A CA SANTA BARBARA BNPDTL 20100429ADF CP  
HAAT 655.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	199944	2443.8
not affected by terrain losses	199793	2378.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	64	236.8
lost to ATV IX only	64	236.8
lost to all IX	64	236.8

Potential Interfering Stations Included in above Scenario 1

46A CA ALTADENA USERRECORD01 APP

Percent new IX = 0.0320%

Worst case new IX 0.0320% Scenario 1

#####

# Analysis of Interference to Affected Station 27

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K46GF	SANTA MARIA CA	BLTTL	-20050712ABD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KCCF-LD	ATASCADERO CA	70.3	LIC	BLDTT	-20140421ABW
46	K46II-D	BAKERSFIELD CA	143.9	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	143.8	CP	BPDTT	-20140725AAE
46	KMIR-TV	PALM SPRINGS CA	363.2	LIC	BLCDD	-20091214ABB
46	K46MC-D	SANTA BARBARA CA	67.8	CP	BNPDTL	-20100429ADF
46	KQCA	STOCKTON CA	390.6	LIC	BLCDD	-20060623AAM
47	K47GD	SAN LUIS OBISPO CA	65.8	CP	BDFCDTT	-20120723AEB
46	KTAVLD	ALTADENA CA	208.3	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.
46	KPVM-LD	PAHRUMP NV	BLDTL	-20100709AKS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46II-D	BAKERSFIELD CA	264.7	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	264.8	CP	BPDTT	-20140725AAE
46	KMIR-TV	PALM SPRINGS CA	263.7	LIC	BLCDD	-20091214ABB
46	K46HG-D	OVERTON NV	139.3	LIC	BLDTT	-20120309ACR
46	KTAVLD	ALTADENA CA	291.6	APP	USERRECORD-01	

Proposal causes no interference

#####

# Analysis of Interference to Affected Station 29

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KAZA-TV	AVALON CA	BLCDD	-20051223AAZ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
------	------	------------	----------	--------	-------------	----------



46	KMIR-TV	PALM SPRINGS CA	155.6	LIC	BLCDT	-20091214ABB
48	KOCE-TV	HUNTINGTON BEACH CA	0.1	LIC	BLEDT	-20041117ADG
46	KTAVLD	ALTADENA CA	0.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 25  
 Scenario 1 Affected station 29  
 Before Analysis

Results for: 47A CA AVALON BLCDT 20051223AAZ LIC  
 HAAT 937.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16054177	40458.6
not affected by terrain losses	14746917	31385.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	44225	71.0
lost to ATV IX only	44225	71.0
lost to all IX	44225	71.0

Potential Interfering Stations Included in above Scenario 1

48A CA HUNTINGTON BEACH BLEDT 20041117ADG LIC

After Analysis

Results for: 47A CA AVALON BLCDT 20051223AAZ LIC  
 HAAT 937.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16054177	40458.6
not affected by terrain losses	14746917	31385.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	45161	75.9
lost to ATV IX only	45161	75.9
lost to all IX	45161	75.9

Potential Interfering Stations Included in above Scenario 1

48A CA HUNTINGTON BEACH BLEDT 20041117ADG LIC  
 46A CA ALTADENA USERRECORD01 APP

Percent new IX = 0.0064%

Worst case new IX 0.0064% Scenario 1

#####

Analysis of Interference to Affected Station 30

Analysis of current record  
 Channel Call City/State Application Ref. No.

47 KAZA-TV AVALON CA BLANK -0000003115

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KMIR-TV	PALM SPRINGS CA	155.6	LIC	BLCDT	-20091214ABB
48	KOCE-TV	HUNTINGTON BEACH CA	0.0	LIC	BLEDT	-20041117ADG
46	KTAVLD	ALTADENA CA	0.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 26  
Scenario 1 Affected station 30  
Before Analysis

Results for: 47A CA AVALON BLANK 0000003115 APP  
HAAT 941.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16070218	40592.4
not affected by terrain losses	14764942	31533.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10768	42.4
lost to ATV IX only	10768	42.4
lost to all IX	10768	42.4

Potential Interfering Stations Included in above Scenario 1

48A CA HUNTINGTON BEACH BLEDT 20041117ADG LIC

After Analysis

Results for: 47A CA AVALON BLANK 0000003115 APP  
HAAT 941.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16070218	40592.4
not affected by terrain losses	14764942	31533.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11204	44.4
lost to ATV IX only	11204	44.4
lost to all IX	11204	44.4

Potential Interfering Stations Included in above Scenario 1

48A CA HUNTINGTON BEACH BLEDT 20041117ADG LIC  
46A CA ALTADENA USERRECORD01 APP

Percent new IX = 0.0030%

Worst case new IX 0.0030% Scenario 1

#####

# Analysis of Interference to Affected Station 31

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47AE-D	INYOKERN, ETC CA	BLDTT -20081106AAB

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46II-D	BAKERSFIELD CA	95.8	LIC	BLDTT -20100324AAD
46	K46II-D	BAKERSFIELD CA	95.9	CP	BPDTT -20140725AAE
47	KAZA-TV	AVALON CA	143.6	LIC	BLCDDT -20051223AAZ
47	KAZA-TV	AVALON CA	143.6	APP	BLANK -0000003115
47	KIJR-LP	LUCERNE VALLEY CA	212.6	CP	BDFCDTL -20100702CYU
47	KIJR-LP	LUCERNE VALLEY CA	212.6	LIC	BLTTL -20050916ACW
47	K47GD	SAN LUIS OBISPO CA	269.6	LIC	BLTTL -19990614JA
47	K47CC-D	VICTORVILLE CA	103.2	LIC	BLDTT -20100331AAK
47	KMCF-LP	VISALIA CA	201.1	CP	BDISDTT -20090625AAV
47	KMCF-LP	VISALIA CA	201.1	APP	BDISDTL -20090224ACK
47	KGNG-LP	LAS VEGAS NV	243.8	LIC	BLTTL -19970227JE
47	KNTL-LP	LAUGHLIN NV	267.7	LIC	BLTTL -19980225JF
48	NEW	CALIENTE CA	78.0	APP	BMJADTL -20100524AGT
46	KTAVLD	ALTADENA CA	143.7	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

# Analysis of Interference to Affected Station 32

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KIJR-LP	LUCERNE VALLEY CA	BDFCDTL -20100702CYU

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	KMIR-TV	PALM SPRINGS CA	0.1	LIC	BLCDDT -20091214ABB
47	KAZA-TV	AVALON CA	155.6	LIC	BLCDDT -20051223AAZ
47	KAZA-TV	AVALON CA	155.6	APP	BLANK -0000003115
47	K47CC-D	VICTORVILLE CA	113.9	LIC	BLDTT -20100331AAK
47	KGNG-LP	LAS VEGAS NV	263.6	LIC	BLTTL -19970227JE
47	KNTL-LP	LAUGHLIN NV	218.1	LIC	BLTTL -19980225JF
48	K48AD	LUCERNE VALLEY CA	78.0	APP	BDFCDTT -20120112AEY
48	NEW	PALM SPRINGS CA	0.2	APP	BNPDTL -20090825ANU
48	NEW	PALM SPRINGS CA	0.2	APP	BNPDTL -20090825BUA
48	KUAN-LP	POWAY CA	107.6	APP	BDFCDTL -20100604AEP
46	KTAVLD	ALTADENA CA	155.6	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.
47	KIJR-LP	LUCERNE VALLEY CA	BLTTL	-20050916ACW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	KVEA	CORONA CA	127.0	APP	BPCDT	-20101203AAU
40	KNSD	SAN DIEGO CA	138.1	LIC	BLCDDT	-20040805AAL
44	KILM	BARSTOW CA	113.9	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	39.9	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	113.9	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	39.9	LIC	BLANK	-0000001040
46	KMIR-TV	PALM SPRINGS CA	0.1	LIC	BLCDDT	-20091214ABB
47	KAZA-TV	AVALON CA	155.6	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	155.6	APP	BLANK	-0000003115
47	K47CC-D	VICTORVILLE CA	113.9	LIC	BLDDT	-20100331AAK
47	KNTL-LP	LAUGHLIN NV	218.1	LIC	BLTTL	-19980225JF
48	NEW	PALM SPRINGS CA	0.2	APP	BNPDDL	-20090825ANU
48	NEW	PALM SPRINGS CA	0.2	APP	BNPDDL	-20090825BUA
46	KTAVLD	ALTADENA CA	155.6	APP	USERRECORD-01	
39	KVEA	CORONA CA		APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA		APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA		APP	BPCDT	-20101203AAU
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47CC-D	VICTORVILLE CA	BLDDT	-20100331AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KMIR-TV	PALM SPRINGS CA	113.9	LIC	BLCDDT	-20091214ABB
47	KAZA-TV	AVALON CA	83.2	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	83.1	APP	BLANK	-0000003115

47	K47AE-D	INYOKERN, ETC CA	103.2	LIC	BLD TT	-20081106AAB
47	KIJR-LP	LUCERNE VALLEY CA	113.9	CP	BDFCDTL	-20100702CYU
47	KIJR-LP	LUCERNE VALLEY CA	113.9	LIC	BLTTL	-20050916ACW
47	KGNL-LP	LAS VEGAS NV	252.0	LIC	BLTTL	-19970227JE
47	KNTL-LP	LAUGHLIN NV	242.5	LIC	BLTTL	-19980225JF
48	KOCE-TV	HUNTINGTON BEACH CA	83.2	LIC	BLEDT	-20041117ADG
48	K48AD	LUCERNE VALLEY CA	40.7	APP	BDFCDTT	-20120112AEY
48	K48AD	LUCERNE VALLEY CA	40.7	LIC	BLTT	-2100
46	KTAVLD	ALTADENA CA	83.2	APP	USERRECORD-01	

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 35

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48AD	LUCERNE VALLEY CA	BLTT	-2100

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	KLCS	LOS ANGELES CA	111.8	LIC	BLEDT	-20101029ACJ
44	KILM	BARSTOW CA	40.7	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	112.0	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	47.6	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	40.7	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	47.6	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	107.6	LIC	BLANK	-0000001040
46	KMIR-TV	PALM SPRINGS CA	77.9	LIC	BLC DT	-20091214ABB
47	KAZA-TV	AVALON CA	112.0	LIC	BLC DT	-20051223AAZ
47	KAZA-TV	AVALON CA	112.0	APP	BLANK	-0000003115
48	KOCE-TV	HUNTINGTON BEACH CA	112.1	LIC	BLEDT	-20041117ADG
48	NEW	PALM SPRINGS CA	77.9	APP	BNPDTL	-20090825ANU
48	NEW	PALM SPRINGS CA	77.9	APP	BNPDTL	-20090825BUA
48	KTFF-DT	PORTERVILLE CA	269.5	LIC	BLC DT	-20020920ADD
48	KUAN-LP	POWAY, ETC. CA	161.9	LIC	BLTT	-19810504IH
49	KJLA	VENTURA CA	112.1	APP	BPCDT	-20080905AAC
49	KJLA	VENTURA CA	112.1	LIC	BLC DT	-20041117AAB
51	KXLA	RANCHO PALOS VERDES CA	112.1	APP	BPCDT	-20120524AIO
51	KXLA	RANCHO PALOS VERDES CA	112.1	LIC	BLC DT	-20060322ACN
46	KTAVLD	ALTADENA CA	112.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 36

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KHAX-LP	VISTA CA	BLTT -19930115IN

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KLCS	LOS ANGELES CA	138.3	LIC	BLEDT -20101029ACJ
42	KWHY-TV	LOS ANGELES CA	138.8	APP	BPCDT -20130109ADK
42	KWHY-TV	LOS ANGELES CA	137.3	LIC	BLCDT -20060629AFB
42	KESQ-TV	PALM SPRINGS CA	100.6	APP	BMPCDT -20091124ABY
42	KESQ-TV	PALM SPRINGS CA	110.6	APP	BMPCDT -20091124ABY
42	KESQ-TV	PALM SPRINGS CA	97.9	APP	BMPCDT -20091124ABY
42	KESQ-TV	PALM SPRINGS CA	100.5	LIC	BLCDT -20090612AGZ
46	KMIR-TV	PALM SPRINGS CA	100.7	LIC	BLCDT -20091214ABB
47	KAZA-TV	AVALON CA	138.7	LIC	BLCDT -20051223AAZ
47	KAZA-TV	AVALON CA	138.7	APP	BLANK -0000003115
48	KUAN-LP	POWAY CA	30.5	APP	BDFCDTL -20100604AEP
49	KJLA	VENTURA CA	137.3	CP	BDRTCDT -20111108APG
49	KJLA	VENTURA CA	138.7	APP	BPCDT -20080905AAC
49	KJLA	VENTURA CA	138.7	LIC	BLCDT -20041117AAB
51	KXLA	RANCHO PALOS VERDES CA	138.7	APP	BPCDT -20120524AIO
51	KXLA	RANCHO PALOS VERDES CA	138.7	LIC	BLCDT -20060322ACN
46	KTAVLD	ALTADENA CA	138.7	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 37

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50EW	LUCERNE VALLEY CA	BLTTL -19981124JG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KWHY-TV	LOS ANGELES CA	112.1	APP	BPCDT -20130109ADK
42	KWHY-TV	LOS ANGELES CA	112.0	LIC	BLCDT -20060629AFB
42	KESQ-TV	PALM SPRINGS CA	78.0	APP	BMPCDT -20091124ABY
42	KESQ-TV	PALM SPRINGS CA	95.0	APP	BMPCDT -20091124ABY
42	KESQ-TV	PALM SPRINGS CA	47.6	APP	BMPCDT -20091124ABY
42	KESQ-TV	PALM SPRINGS CA	77.9	LIC	BLCDT -20090612AGZ
43	KCBS-TV	LOS ANGELES CA	112.1	LIC	BLCDT -20090612AIQ
46	KMIR-TV	PALM SPRINGS CA	77.9	LIC	BLCDT -20091214ABB
47	KAZA-TV	AVALON CA	112.0	LIC	BLCDT -20051223AAZ
47	KAZA-TV	AVALON CA	112.0	APP	BLANK -0000003115
48	KOCE-TV	HUNTINGTON BEACH CA	112.1	LIC	BLEDT -20041117ADG
49	KJLA	VENTURA CA	112.1	APP	BPCDT -20080905AAC
49	KJLA	VENTURA CA	112.1	LIC	BLCDT -20041117AAB

50	DKMRZ-LP	BANNING CA	44.5	APP	BDISDTL	-20060403ASB
50	KNLA-CD	LOS ANGELES CA	112.4	LIC	BLDTA	-20120620ACF
50	KEDD-LD	LOS ANGELES CA	112.4	LIC	BLDTL	-20101018AAZ
50	DKPSG-LP	PALM SPRINGS CA	77.9	APP	BDFCDTL	-20070416AER
50	KNXT	VISALIA CA	269.5	LIC	BLEDT	-20060706AFB
51	KXLA	RANCHO PALOS VERDES CA	112.1	APP	BPCDT	-20120524AIO
51	KXLA	RANCHO PALOS VERDES CA	112.1	LIC	BLCDT	-20060322ACN
46	KTAVLD	ALTADENA CA	112.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

**FIGURE 2 (8 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: 08-19-2015 Time: 21:08:24

Record Selected for Analysis

KTAV-LD BLDTL -20111003ATB ALTADENA CA US  
Channel 46 ERP 15. kW HAAT 1482 m RCAMSL 01781 m STRINGENT MASK  
Latitude 034-13-35 Longitude 0118-03-58  
Status LIC Zone Border M Site number: 01  
Dir Antenna Make CDB Model 00000000093903 Beam tilt N Ref Azimuth 270.0  
Last update 00000000 Cutoff date 00000000 Docket  
Comments  
Applicant ALMA VISION HISPANIC NETWORK, INC.

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	3.528	373.1	51.300	
45.0	0.002	357.9	12.209	
90.0	0.000	604.8	1.814	
135.0	0.000	1358.7	8.307	
180.0	3.528	1482.2	71.578	
225.0	14.657	1438.3	83.548	
270.0	14.970	977.6	75.422	
315.0	14.657	561.9	66.038	

Database HAAT does not agree with computed HAAT

Database HAAT: 1482 Computed HAAT: 894

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

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
46	KTAV-LD	ALTADENA CA	BLDTL 20111003ATB

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31AD	VICTORVILLE, ETC. CA	83.3	LIC	BLTT	-19900108IL
32	K32EM	MORONGO VALLEY CA	141.1	LIC	BLTTL	-19970721JS
38	KSCD-LP	BIG BEAR LAKE CA	93.5	LIC	BLTTL	-20080630ADI
38	DKPAL-LP	PALMDALE CA	27.8	APP	BSTA	-20120612ABB
43	K43EE	LUCERNE VALLEY CA	112.1	LIC	BLTT	-19960216JF
43	K43AG-D	RIDGECREST CA	73.0	CP	BPTTL	-20110208ABW
45	KUVI-DT	BAKERSFIELD CA	148.1	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	155.5	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	0.8	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	0.8	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	117.2	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	103.1	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	107.7	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	143.7	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	37.8	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	33.7	APP	BDISDTL	-20101014ACN
46	K46CG-D	GOLDEN VALLEY AZ	369.0	LIC	BLDTT	-20130308ABC
46	K46GI-D	LAKE HAVASU CITY AZ	341.4	LIC	BLDTT	-20130308ABU
46	NEW	PARKER AZ	359.5	APP	BNPDTL	-20100514ADL
46	NEW	YUMA AZ	362.6	APP	BMJADTL	-20100524ABG
46	KCCF-LD	ATASCADERO CA	276.7	LIC	BLDTT	-20140421ABW
46	K46II-D	BAKERSFIELD CA	148.0	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	148.1	CP	BPDTT	-20140725AAE
46	KMIR-TV	PALM SPRINGS CA	155.6	LIC	BLCDDT	-20091214ABB
46	KTCD-LP	SAN DIEGO CA	169.1	LIC	BLTTL	-19980402JG
46	K46MC-D	SANTA BARBARA CA	150.2	CP	BNPDTL	-20100429ADF
46	K46GF	SANTA MARIA CA	208.3	LIC	BLTTL	-20050712ABD
46	KPVM-LD	PAHRUMP NV	291.6	LIC	BLDTL	-20100709AKS
47	KAZA-TV	AVALON CA	0.1	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	0.1	APP	BLANK	-0000003115
47	K47AE-D	INYOKERN, ETC CA	143.7	LIC	BLDTT	-20081106AAB
47	KIJR-LP	LUCERNE VALLEY CA	155.6	CP	BDFCDTL	-20100702CYU
47	KIJR-LP	LUCERNE VALLEY CA	155.6	LIC	BLTTL	-20050916ACW
47	K47CC-D	VICTORVILLE CA	83.2	LIC	BLDTT	-20100331AAK

48	K48AD	LUCERNE VALLEY CA	112.1	LIC	BLTT	-2100
49	KHAX-LP	VISTA CA	138.7	LIC	BLTT	-19930115IN
50	K50EW	LUCERNE VALLEY CA	112.1	LIC	BLTTL	-19981124JG

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KEDD-LD	LOS ANGELES CA	BDISDTL	-20120618ABU

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KTFB-CA	BAKERSFIELD CA	147.4	APP	BDISDTA	-20101008AAZ
44	KILM	BARSTOW CA	83.3	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	2.3	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	117.8	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	83.3	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	117.8	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	5.9	LIC	BLANK	-0000001040
44	KUHD-LP	CAMARILLO CA	55.4	CP	BDISDTL	-20101018ACP
45	KUVI-DT	BAKERSFIELD CA	147.4	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	156.1	APP	BDFCDTA	-20080801ASC
45	KRMV-LP	MORENO VALLEY CA	117.8	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	103.8	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	108.2	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	143.2	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	37.2	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	34.3	APP	BDISDTL	-20101014ACN
46	KTAV-LD	ALTADENA CA	0.8	LIC	BLDTL	-20111003ATB
46	K46II-D	BAKERSFIELD CA	147.3	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	147.3	CP	BPDTT	-20140725AAE

Total scenarios = 5

Result key: 1  
Scenario 1 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	558080	458.2
lost to ATV IX only	712076	542.0
lost to all IX	957877	636.6

Potential Interfering Stations Included in above Scenario 1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

#### After Analysis

Results for: 45A CA LOS ANGELES                      BDISDTL    20120618ABU   CP  
 HAAT 1580.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	1698650	829.7
lost to ATV IX only	2095457	1000.2
lost to all IX	2098447	1008.1

Potential Interfering Stations Included in above Scenario                      1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      BLDLTL    20111003ATB  
 ERP    15.00 kW    HAAT    1482.0 m    RCAMSL    1781.0 m  
 Antenna CDB 00000000093903

Due to interference to the following station and scenario:                      1

45D CA LOS ANGELES                      BDISDTL    20120618ABU  
 ERP    15.00 kW    HAAT    1580.0 m    RCAMSL    1914.0 m  
 Antenna CDB 00000000109732

Percent new interference from proposal:                      11.5033 to BDISDTL  
 20120618ABU

Result key:                      2  
 Scenario                      2    Affected station                      10  
 Before Analysis

Results for: 45A CA LOS ANGELES                      BDISDTL    20120618ABU   CP  
 HAAT 1580.0 m, ATV ERP    15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	5004150	3874.7
lost to ATV IX only	5403947	4050.1
lost to all IX	5403947	4053.0

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	5712950	4031.4
lost to ATV IX only	6112747	4209.7
lost to all IX	6112747	4209.7

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDLTL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903

Due to interference to the following station and scenario: 2

45D CA LOS ANGELES BDISDTL 20120618ABU  
ERP 15.00 kW HAAT 1580.0 m RCAMSL 1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal: 12.9601 to BDISDTL  
20120618ABU

Result key: 3  
Scenario 3 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	953775	554.8

lost to ATV IX only	1351187	717.4
lost to all IX	1353572	733.2

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP

HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	1702433	831.7
lost to ATV IX only	2101264	1006.1
lost to all IX	2102230	1010.1

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDLTL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903

Due to interference to the following station and scenario: 3

45D CA LOS ANGELES BDISDTL 20120618ABU  
ERP 15.00 kW HAAT 1580.0 m RCAMSL 1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal: 7.8645 to BDISDTL  
20120618ABU

Result key: 4  
Scenario 4 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP

HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4

lost to additional IX by ATV	4639084	3787.0
lost to ATV IX only	4847601	3924.9
lost to all IX	5038881	3965.3

Potential Interfering Stations Included in above Scenario 4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

#### After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	5707891	4026.4
lost to ATV IX only	6107688	4204.8
lost to all IX	6107688	4204.8

Potential Interfering Stations Included in above Scenario 4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCMSL 1781.0 m  
Antenna CDB 0000000093903

Due to interference to the following station and scenario: 4

45D CA LOS ANGELES BDISDTL 20120618ABU  
ERP 15.00 kW HAAT 1580.0 m RCMSL 1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal: 18.3199 to BDISDTL  
20120618ABU

Result key: 5  
Scenario 5 Affected station 10  
Before Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

POPULATION	AREA (sq km)
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within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	558080	458.2
lost to ATV IX only	712076	542.0
lost to all IX	957877	636.6

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC

After Analysis

Results for: 45A CA LOS ANGELES BDISDTL 20120618ABU CP  
HAAT 1580.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	11159846	9999.1
not affected by terrain losses	10873020	7972.1
lost to NTSC IX	399797	178.4
lost to additional IX by ATV	1698650	829.7
lost to ATV IX only	2095457	1000.2
lost to all IX	2098447	1008.1

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA VAN NUYS	BLDTA	20100309ACE	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDLTL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903

Due to interference to the following station and scenario: 5

45D CA LOS ANGELES BDISDTL 20120618ABU  
ERP 15.00 kW HAAT 1580.0 m RCAMSL 1914.0 m  
Antenna CDB 00000000109732

Percent new interference from proposal: 11.5033 to BDISDTL  
20120618ABU

Worst case new IX 18.3199% Scenario 4

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

**FIGURE 3 (13 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: 08-19-2015 Time: 21:22:03

Record Selected for Analysis

KTAV-LD BLDTL -20111003ATB ALTADENA CA US  
Channel 46 ERP 15. kW HAAT 1482 m RCAMSL 01781 m STRINGENT MASK  
Latitude 034-13-35 Longitude 0118-03-58  
Status LIC Zone Border M Site number: 01  
Dir Antenna Make CDB Model 00000000093903 Beam tilt N Ref Azimuth 270.0  
Last update 00000000 Cutoff date 00000000 Docket  
Comments  
Applicant ALMA VISION HISPANIC NETWORK, INC.

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	3.528	373.1		51.300
45.0	0.002	357.9		12.209
90.0	0.000	604.8		1.814
135.0	0.000	1358.7		8.307
180.0	3.528	1482.2		71.578
225.0	14.657	1438.3		83.548
270.0	14.970	977.6		75.422
315.0	14.657	561.9		66.038

Database HAAT does not agree with computed HAAT  
Database HAAT: 1482 Computed HAAT: 894

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

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
46	KTAV-LD	ALTADENA CA	BLDTL 20111003ATB

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31AD	VICTORVILLE, ETC. CA	83.3	LIC	BLTT	-19900108IL
32	K32EM	MORONGO VALLEY CA	141.1	LIC	BLTTL	-19970721JS
38	KSCD-LP	BIG BEAR LAKE CA	93.5	LIC	BLTTL	-20080630ADI
38	DKPAL-LP	PALMDALE CA	27.8	APP	BSTA	-20120612ABB
43	K43EE	LUCERNE VALLEY CA	112.1	LIC	BLTT	-19960216JF
43	K43AG-D	RIDGECREST CA	73.0	CP	BPTTL	-20110208ABW
45	KUVI-DT	BAKERSFIELD CA	148.1	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	155.5	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	0.8	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	0.8	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	117.2	LIC	BLTTL	-20070130AJ0
45	KPOM-CD	ONTARIO CA	103.1	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	107.7	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	143.7	LIC	BLDTT	-20081106AAA
45	KSKJ-CD	VAN NUYS CA	37.8	LIC	BLDTA	-20100309ACE
45	KRMV-LP	WALNUT CA	33.7	APP	BDISDTL	-20101014ACN
46	K46CG-D	GOLDEN VALLEY AZ	369.0	LIC	BLDTT	-20130308ABC
46	K46GI-D	LAKE HAVASU CITY AZ	341.4	LIC	BLDTT	-20130308ABU
46	NEW	PARKER AZ	359.5	APP	BNPDTL	-20100514ADL
46	NEW	YUMA AZ	362.6	APP	BMJADTL	-20100524ABG
46	KCCF-LD	ATASCADERO CA	276.7	LIC	BLDTT	-20140421ABW
46	K46II-D	BAKERSFIELD CA	148.0	LIC	BLDTT	-20100324AAD
46	K46II-D	BAKERSFIELD CA	148.1	CP	BPDTT	-20140725AAE
46	KMIR-TV	PALM SPRINGS CA	155.6	LIC	BLCDDT	-20091214ABB
46	KTCD-LP	SAN DIEGO CA	169.1	LIC	BLTTL	-19980402JG
46	K46MC-D	SANTA BARBARA CA	150.2	CP	BNPDTL	-20100429ADF
46	K46GF	SANTA MARIA CA	208.3	LIC	BLTTL	-20050712ABD
46	KPVM-LD	PAHRUMP NV	291.6	LIC	BLDTL	-20100709AKS
47	KAZA-TV	AVALON CA	0.1	LIC	BLCDDT	-20051223AAZ
47	KAZA-TV	AVALON CA	0.1	APP	BLANK	-0000003115
47	K47AE-D	INYOKERN, ETC CA	143.7	LIC	BLDTT	-20081106AAB
47	KIJR-LP	LUCERNE VALLEY CA	155.6	CP	BDFCDTL	-20100702CYU

47	KIJR-LP	LUCERNE VALLEY CA	155.6	LIC	BLTTL	-20050916ACW
47	K47CC-D	VICTORVILLE CA	83.2	LIC	BLDTT	-20100331AAK
48	K48AD	LUCERNE VALLEY CA	112.1	LIC	BLTT	-2100
49	KHAX-LP	VISTA CA	138.7	LIC	BLTT	-19930115IN
50	K50EW	LUCERNE VALLEY CA	112.1	LIC	BLTTL	-19981124JG

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# Analysis of Interference to Affected Station 15

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KSKJ-CD	VAN NUYS CA	BLDTA	-20100309ACE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KILM	BARSTOW CA	114.5	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	38.5	APP	BLANK	-0000004357
44	KILM	BARSTOW CA	114.5	LIC	BLANK	-0000001040
44	KILM	BARSTOW CA	43.0	LIC	BLANK	-0000001040
44	KUHD-LP	CAMARILLO CA	19.1	CP	BDISDTL	-20101018ACP
45	KUVI-DT	BAKERSFIELD CA	130.7	LIC	BLCDDT	-20090616ACL
45	KRET-CD	CATHEDRAL CITY CA	193.2	APP	BDFCDTA	-20080801ASC
45	KEDD-LD	LOS ANGELES CA	37.2	APP	BSTA	-20130930BFC
45	KEDD-LD	LOS ANGELES CA	37.2	CP	BDISDTL	-20120618ABU
45	KRMV-LP	MORENO VALLEY CA	155.0	LIC	BLTTL	-20070130AJO
45	KPOM-CD	ONTARIO CA	140.9	LIC	BLANK	-0000001569
45	K45MI-D	PALM SPRINGS CA	144.9	CP	BNPDTL	-20090825BNA
45	K45GQ-D	RIDGECREST CA	151.1	LIC	BLDTT	-20081106AAA
45	KRMV-LP	WALNUT CA	71.5	APP	BDISDTL	-20101014ACN
46	KTAV-LD	ALTADENA CA	37.8	LIC	BLDTL	-20111003ATB
44	KILM	BARSTOW CA		APP	BLANK	-0000004357
44	KILM	BARSTOW CA		LIC	BLANK	-0000001040

Total scenarios = 9

Result key: 1  
Scenario 1 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC

HAAT 222.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	52723	22.6
lost to ATV IX only	84746	31.5
lost to all IX	84746	31.5

Potential Interfering Stations Included in above Scenario 1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

#### After Analysis

Results for: 45A CA VAN NUYS                      BLDTA              20100309ACE    LIC  
             HAAT 222.0 m, ATV ERP              1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	65651	30.5
lost to ATV IX only	97674	39.4
lost to all IX	97674	39.4

Potential Interfering Stations Included in above Scenario              1

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      BLDTL              20111003ATB  
 ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
 Antenna CDB 00000000093903

Due to interference to the following station and scenario:              1

45D CA VAN NUYS                      BLDTA              20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal:              0.8165 to BLDTA  
 20100309ACE

Result key:              2  
 Scenario              2    Affected station              15  
 Before Analysis

Results for: 45A CA VAN NUYS                      BLDTA              20100309ACE    LIC  
             HAAT 222.0 m, ATV ERP              1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	46261	20.7
lost to ATV IX only	78284	29.5

lost to all IX 78284 29.5

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

#### After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	57757	27.6
lost to ATV IX only	89780	36.4
lost to all IX	89780	36.4

Potential Interfering Stations Included in above Scenario 2

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDTL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903

Due to interference to the following station and scenario: 2

45D CA VAN NUYS BLDTA 20100309ACE  
ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
Antenna CDB 00000000020753

Percent new interference from proposal: 0.7231 to BLDTA  
20100309ACE

Result key: 3  
Scenario 3 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	46261	20.7
lost to ATV IX only	78284	29.5
lost to all IX	78284	29.5

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC

#### After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	57757	27.6
lost to ATV IX only	89780	36.4
lost to all IX	89780	36.4

Potential Interfering Stations Included in above Scenario 3

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDTL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903

Due to interference to the following station and scenario: 3

45D CA VAN NUYS BLDTA 20100309ACE  
ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
Antenna CDB 00000000020753

Percent new interference from proposal: 0.7231 to BLDTA  
20100309ACE

Result key: 4  
Scenario 4 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS                      BLDTA              20100309ACE    LIC  
             HAAT 222.0 m, ATV ERP              1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	54155	23.6
lost to ATV IX only	86178	32.5
lost to all IX	86178	32.5

Potential Interfering Stations Included in above Scenario              4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

#### After Analysis

Results for: 45A CA VAN NUYS                      BLDTA              20100309ACE    LIC  
             HAAT 222.0 m, ATV ERP              1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	65651	30.5
lost to ATV IX only	97674	39.4
lost to all IX	97674	39.4

Potential Interfering Stations Included in above Scenario              4

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      BLDTL              20111003ATB  
 ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
 Antenna CDB 00000000093903

Due to interference to the following station and scenario:              4

45D CA VAN NUYS                      BLDTA              20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal:              0.7267 to BLDTA  
 20100309ACE

Result key: 5  
 Scenario 5 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	54155	23.6
lost to ATV IX only	86178	32.5
lost to all IX	86178	32.5

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	65651	30.5
lost to ATV IX only	97674	39.4
lost to all IX	97674	39.4

Potential Interfering Stations Included in above Scenario 5

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000004357	APP
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA BLDTL 20111003ATB  
 ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
 Antenna CDB 00000000093903

Due to interference to the following station and scenario: 5

45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 0.7267 to BLDTA  
20100309ACE

Result key: 6  
Scenario 6 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	39115	17.7
lost to ATV IX only	71138	26.6
lost to all IX	71138	26.6

Potential Interfering Stations Included in above Scenario 6

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	57757	27.6
lost to ATV IX only	89780	36.4
lost to all IX	89780	36.4

Potential Interfering Stations Included in above Scenario 6

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.  
46D CA ALTADENA BLDTL 20111003ATB  
ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903



Due to interference to the following station and scenario: 6  
 45D CA VAN NUYS BLDTA 20100309ACE  
 ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal: 1.1673 to BLDTA  
 20100309ACE

Result key: 7  
 Scenario 7 Affected station 15  
 Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	39115	17.7
lost to ATV IX only	71138	26.6
lost to all IX	71138	26.6

Potential Interfering Stations Included in above Scenario 7

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
 HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	57757	27.6
lost to ATV IX only	89780	36.4
lost to all IX	89780	36.4

Potential Interfering Stations Included in above Scenario 7

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDD	20090616ACL	LIC
45A CA LOS ANGELES	BSTA	20130930BFC	APP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.  
 46D CA ALTADENA BLDTL 20111003ATB

ERP 15.00 kW HAAT 1482.0 m RCAMSL 1781.0 m  
Antenna CDB 00000000093903

Due to interference to the following station and scenario: 7  
45D CA VAN NUYS BLDTA 20100309ACE  
ERP 1.00 kW HAAT 222.0 m RCAMSL 458.0 m  
Antenna CDB 00000000020753

Percent new interference from proposal: 1.1673 to BLDTA  
20100309ACE

Result key: 8  
Scenario 8 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	52723	22.6
lost to ATV IX only	84746	31.5
lost to all IX	84746	31.5

Potential Interfering Stations Included in above Scenario 8

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
45A CA WALNUT	BDISDTL	20101014ACN	APP

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	65651	30.5
lost to ATV IX only	97674	39.4
lost to all IX	97674	39.4

Potential Interfering Stations Included in above Scenario 8

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

45A CA WALNUT	BDISDTL	20101014ACN	APP
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA	BLDTL	20111003ATB
ERP 15.00 kW	HAAT 1482.0 m	RCAMSL 1781.0 m
Antenna CDB 00000000093903		

Due to interference to the following station and scenario: 8

45D CA VAN NUYS	BLDTA	20100309ACE
ERP 1.00 kW	HAAT 222.0 m	RCAMSL 458.0 m
Antenna CDB 00000000020753		

Percent new interference from proposal: 0.8165 to BLDTA  
20100309ACE

Result key: 9  
Scenario 9 Affected station 15  
Before Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	52723	22.6
lost to ATV IX only	84746	31.5
lost to all IX	84746	31.5

Potential Interfering Stations Included in above Scenario 9

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC

After Analysis

Results for: 45A CA VAN NUYS BLDTA 20100309ACE LIC  
HAAT 222.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2966890	1191.3
not affected by terrain losses	1668172	810.3
lost to NTSC IX	32023	8.9
lost to additional IX by ATV	65651	30.5
lost to ATV IX only	97674	39.4
lost to all IX	97674	39.4

Potential Interfering Stations Included in above Scenario 9

45N CA MORENO VALLEY	BLTTL	20070130AJO	LIC
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44A CA BARSTOW	BLANK	0000001040	LIC
45A CA BAKERSFIELD	BLCDT	20090616ACL	LIC
45A CA LOS ANGELES	BDISDTL	20120618ABU	CP
45A CA ONTARIO	BLANK	0000001569	LIC
46A CA ALTADENA	BLDTL	20111003ATB	LIC

The following station failed the de minimis interference criteria.

46D CA ALTADENA                      BLDTL              20111003ATB  
 ERP    15.00 kW   HAAT   1482.0 m   RCAMSL   1781.0 m  
 Antenna CDB 00000000093903

Due to interference to the following station and scenario:              9

45D CA VAN NUYS                      BLDTA              20100309ACE  
 ERP    1.00 kW   HAAT    222.0 m   RCAMSL    458.0 m  
 Antenna CDB 00000000020753

Percent new interference from proposal:              0.8165 to BLDTA  
 20100309ACE

Worst case new IX      1.1673% Scenario              6

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