

ENGINEERING EXHIBIT

Application for Construction Permit New Replacement Digital Television Translator

prepared for

San Francisco Television Station KBCW Inc.

KBCW(DT) San Francisco, CA
Replacement Digital Translator
Napa, CA Ch. 31 0.55 kW

San Francisco Television Station KBCW Inc. ("KBCW") is the licensee of television station KBCW(DT), Facility ID 69619, San Francisco, CA. KBCW is operating on its post-transition digital Channel 45 and operated pre-transition on analog Channel 44. Pursuant to the procedures adopted in MB Docket 08-253,¹ *KBCW* herein proposes to construct a new replacement digital television translator station on Channel 31 to aid in serving Napa, CA and other communities in Napa County and vicinity.

Figure 1 depicts the 51 dB μ coverage contour of the proposed translator, along with the authorized KBCW digital Channel 45 noise limited contour (BPCDT-20080603AAH) and the pre-transition analog Channel 44 Grade B contour (BLCT-19881220KG). The proposed digital translator facility's contour will cover some of the areas within the analog Grade B contour that are predicted to not receive service from the KBCW digital facility.

A portion of the proposed digital translator's service contour extends beyond the KBCW analog Grade B contour. The directional antenna pattern has been oriented to minimize the contour extension and still comply with interference protection requirements to other stations. Without some minor extension, it would be impossible to place the translator's service contour along the edge of the analog Grade B contour while filling in areas that are not predicted to receive digital service. The translator's contour does not extend beyond the authorized KBCW digital facility noise-limited contour.

¹Report and Order, *Amendment of Parts 73 and 74 of the Commission's Rules to Establish Rules for Replacement Digital Low Power Television Translator Stations*, MB Docket 08-253, FCC 09-36, released May 8, 2009.

The proposed digital translator facility will employ a new antenna system to be side-mounted on an existing tower structure. The overall antenna structure elevation is less than 61 meters above ground and passes the FCC's TOWAIR program for the transmitter location, thus FCC antenna structure registration is not necessary. No change to the overall structure height is proposed. The maximum effective radiated power is 0.55 kW utilizing a directional antenna.

Detailed interference studies per OET Bulletin 69² show that the proposal complies with the Commission's interference protection requirements toward all post-transition digital television, television translator, LPTV, and Class A stations. The results, summarized in **Table 1**, show that any new interference does not exceed the Commission's interference limits (0.5 percent to full power and Class A stations, and 2.0 percent to secondary stations).

Accordingly, the instant proposal complies with §§73.6012 – 73.6020 regarding interference protection to digital television, low power television, television translator, Class A television, and land mobile facilities.

The nearest FCC monitoring station is 81 km distant at Livermore, CA. This exceeds the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. The site is not located within the areas requiring coordination with "quiet" zones specified in §73.1030(a) and (b). There are no AM stations within 3.2 kilometers of the site, based on information contained within the Commission's database. The site location is beyond the border areas requiring international coordination.

²FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 ("OET-69"). The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A cell size of 1 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission's implementation of OET-69 show excellent correlation.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposed transmitting antenna will be side-mounted on an existing antenna support structure. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of §1.1306 of the FCC Rules.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. Based on OET-65 equation (10), and assuming 25 percent antenna relative field in downward elevations, the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $15.2 \mu\text{W}/\text{cm}^2$, which is 4.0 percent of the general population/uncontrolled maximum permitted exposure limit. This is below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

The general public will not be exposed to RF levels attributable to the proposal in excess of the FCC's guidelines. RF exposure warning signs will continue to be posted. With respect to worker safety, the applicant will coordinate exposure procedures with all pertinent stations and will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic field exposure in excess of FCC guidelines.

Certification

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direction, and that they are true and correct to the best of his knowledge and belief.



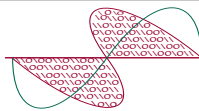
Joseph M. Davis, P.E.
June 29, 2009

Chesapeake RF Consultants, LLC
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List of Attachments

Figure 1	Coverage Contour Comparison
Table 1	Interference Analysis Results Summary
Form 346	Saved Version of Engineering Sections from FCC Form at Time of Upload

This material was entered June 29, 2009 for filing electronically. Since the FCC's electronic filing system may be accessed by anyone with the applicant's name and password, and electronic data may otherwise be altered in an unauthorized fashion, we cannot be responsible for changes made subsequent to our entry of this data and related attachments.



Chesapeake RF Consultants, LLC
Radiofrequency Consulting Engineers
Digital Television and Radio

Figure 1
Coverage Area Comparison
KBCW(DT) San Francisco, CA
Replacement Digital Translator
Napa, CA Ch. 31 0.55 kW

prepared for
San Francisco Television
Station KBCW Inc.

June, 2009

Proposed Translator
Digital Ch. 31
Service Contour (51 dB μ)

KBCW(TV) Ch. 44
Pre-Transition Analog
BLCT-19881220KG
Grade B Contour (64 dB μ)

KBCW Digital Ch. 45 CP
BPCDT-20080603AAH
Noise Limited Contour 41 dB μ

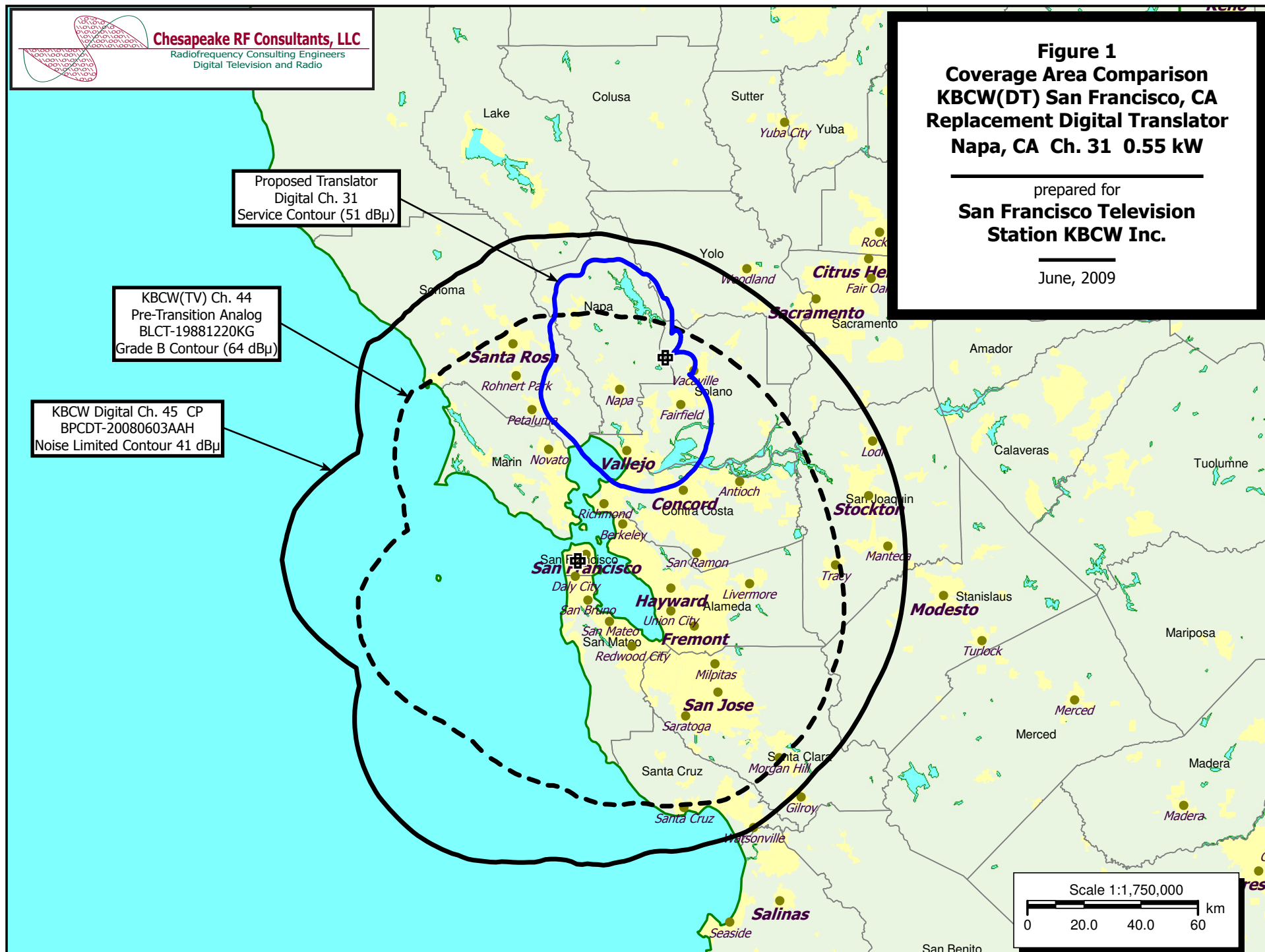


Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 1 of 30)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-22-2009 Time: 10:13:49

Record Selected for Analysis

NEW-LD USERRECORD-01 COMMUNITY CA US
Channel 31 ERP 0.55 kW HAAT 596. m RCAMSL 00865 m STRINGENT MASK
Latitude 038-23-54 Longitude 0122-06-08
Status APP Zone 2 Border
Dir Antenna Make usr Model DIE_TUA-C2 Beam tilt N Ref Azimuth 250.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.011	398.8	19.8
45.0	0.000	695.2	2.6
90.0	0.000	738.1	2.0
135.0	0.006	669.5	20.9
180.0	0.342	761.8	46.1
225.0	0.329	585.8	43.0
270.0	0.248	458.4	38.1
315.0	0.411	459.3	41.1

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 2 of 30)

Start of Interference Analysis

Channel	Call	City/State	ARN
31	NEW-LD	COMMUNITY CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	K16CX	GRASS VALLEY CA	119.3	LIC	BLTTL	-19960403IB
17	KSTV-LP	SACRAMENTO CA	91.7	APP	BDISTTL	-20070103AAV
17	K17CG	UKIAH CA	117.3	LIC	BLTT	-19900129IH
23	KEZT-CA	SACRAMENTO CA	57.3	LIC	BLTTL	-19970918JA
27	KEXT-CA	MODESTO CA	121.5	LIC	BLTTA	-20030123ACJ
27	K27EU	SACRAMENTO CA	83.5	LIC	BLTTL	-19970213JG
27	K27EE	UKIAH CA	117.3	LIC	BLTT	-19950322IC
28	KKFM-CA	CHICO CA	93.0	LIC	BLTTA	-20040805ABM
28	KFTL-CA	SAN FRANCISCO, ETC. CA	84.2	LIC	BLTTA	-20050105ACB
28	KDTV-CA	SANTA ROSA CA	53.0	LIC	BLTTA	-20030212AAT
28	KMMW-LP	STOCKTON CA	124.2	CP	BDISTTL	-20060403AOS
29	K29DF	UKIAH CA	117.3	LIC	BLTT	-19960424IB
30	KKTF-LP	CHICO CA	177.1	CP	BDISDTL	-20070423AAZ
30	KQED	SAN FRANCISCO CA	77.7	LIC	BLEDT	-20000601ADY
30	KQED	SAN FRANCISCO CA	77.7	CP	BPEDT	-20080314ACI
31	KEUV-LP	EUREKA CA	304.5	LIC	BLTTL	-20050729AMX
31	KEUV-LP	EUREKA CA	304.5	CP	BDFCDTL	-20060403AKS
31	KBID-LP	FRESNO CA	277.1	LIC	BLTTL	-20071001BOA
31	KSMS-TV	MONTEREY CA	190.0	CP	BPCDT	-20081215ACX
31	KMUM-CA	SACRAMENTO CA	64.4	APP	BDISDTA	-20081113AFO
31	K31KG-D	SAN LUIS OBISPO CA	361.3	CP	BDCCDTL	-20080917AAB
31	K57BC	SAN LUIS OBISPO, ETC. CA	361.3	CP	BDISDTT	-20080513ABH
31	K31IE	SUSANVILLE, ETC. CA	272.6	LIC	BLTT	-20080724ABN
31	K31GK	UKIAH CA	117.3	LIC	BLTT	-20040914AFY
31	K31BM	SILVER SPRINGS NV	270.7	LIC	BLTT	-19880217IL
31	K59GM	STATELINE NV	195.2	CP	BDISTTL	-20081125AUH
32	KSTV-LP	SACRAMENTO CA	91.7	LIC	BLTTL	-20070716ADI
32	KSTV-LP	SACRAMENTO CA	91.7	APP	BSTA	-20070612ABW
32	KFTY	SANTA ROSA CA	55.0	CP	BPCDT	-20080313ACF
33	K33CH	LAKEPORT CA	87.5	LIC	BLTT	-19890410IR
33	KCSO-LP	SACRAMENTO CA	124.2	LIC	BLTTL	-20020503AAV
34	KACA-LP	MODESTO CA	108.7	LIC	BLTTL	-20080813AEP
34	KACA-LP	MODESTO CA	108.7	APP	BSTA	-20071018AFT
35	K35DO	HOPLAND CA	105.7	LIC	BLTT	-19940509JJ
39	K39AG	UKIAH CA	117.3	LIC	BLTT	-19830125IN

Analysis of Interference to Affected Station 1

Analysis of current record
Channel 16 Call K16CX City/State GRASS VALLEY CA Application Ref. No. BLTTL -19960403IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	K15HV-D	CHICO CA	105.6	LIC	BLDTL	-20080805AAT

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 30)

15	KACX-LD	RED BLUFF CA	196.3	CP	BDCCDTL	-20081215AAX
15	KMUM-CA	SACRAMENTO CA	57.4	APP	BDFCDTA	-20080804ACR
15	KNPB	CARSON CITY NV	115.0	STA	BEXP	-20080527AEZ
15	KNPB	RENO NV	122.5	LIC	BLEDT	-20031023AAU
15	KNPB	RENO NV	122.5	PLN	DTVPLN	-DTVP0538
15	KNPB	TRUCKEE/LAKE TAHOE NV	101.8	APP	BDRTET	-20090204ABK
16	KHSC-LP	FRESNO CA	309.5	LIC	BLTTL	-20050927AHY
16	K16FU	MINA / LUNING NV	276.8	APP	BDFCDTT	-20090520ACO
16	K16GM	YERINGTON NV	161.0	LIC	BLTT	-20050506ACP
17	KXVU-LP	CHICO CA	106.0	CP	BDFCDTL	-20060329AEC
17	KSTV-LP	SACRAMENTO CA	54.0	APP	BDISTTL	-20070103AAV
17	K17CA-D	CARSON CITY NV	121.2	LIC	BLDTT	-20090108AAO
18	KUVS-TV	MODESTO CA	117.5	LIC	BLCDT	-20020906ABH
18	KUVS-TV	MODESTO CA	117.5	PLN	DTVPLN	-DTVP0629
20	KCVU	PARADISE CA	106.0	CP	BPCDT	-20081003ABU
20	KCVU	PARADISE CA	106.1	PLN	DTVPLN	-DTVP0715
20	KCVU	PARADISE CA	106.0	LIC	BLCDT	-20061003ADW
20	KAME-TV	RENO NV	122.6	LIC	BLCDT	-20020528AAY
20	KAME-TV	RENO NV	122.6	PLN	DTVPLN	-DTVP0732
20	KAME-TV	RENO NV	122.6	APP	BPCDT	-20040803AAS
20	KAME-TV	RENO NV	122.6	CP	BPCDT	-20080619ADF
31	KMUM-CA	SACRAMENTO CA	57.4	APP	BDISDTA	-20081113AFO
31	NEW-LD	COMMUNITY CA	119.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
17	KSTV-LP	SACRAMENTO CA	BDISTTL -20070103AAV		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KTNC-TV	CONCORD CA	111.3	CP MOD	BMPEDT -20080222ABB
14	KTNC-TV	CONCORD CA	111.3	PLN	DTVPLN -DTVP0494
15	KBSV	CERES CA	129.0	CP MOD	BMPEDT -20081002ABR
15	KBSV	CERES CA	128.9	PLN	DTVPLN -DTVP0518
16	K16CX	GRASS VALLEY CA	54.0	LIC	BLTTL -19960403IB
17	KXVU-LP	CHICO CA	155.4	CP	BDFCDTL -20060329AEC
17	KXVU-LP	CHICO CA	155.4	LIC	BLTTL -20060303AAJ
17	K17DF	CROWLEY LK CA	231.6	CP	BDFCDTT -20090515ACX
17	KVIQ	EUREKA CA	337.4	CP	BPCDT -20080617ABE
17	KVIQ	EUREKA CA	337.4	PLN	DTVPLN -DTVP0589
17	KVIQ	EUREKA CA	337.4	LIC	BLCDT -20030806ACS
17	KMPH-CA	MERCED-MARIPOSA CA	150.5	LIC	BLTTA -20051128AFO
17	K17HE	SUSANVILLE, ETC. CA	209.8	LIC	BLTTL -20080325ADU
17	K17CG	UKIAH CA	180.4	LIC	BLTT -19900129IH
17	K17BA	YREKA CA	354.0	CP	BDFCDTT -20090325AEK
17	K17CA-D	CARSON CITY NV	138.4	LIC	BLDTT -20090108AAO
17	K58BG	KLAMATH FALLS OR	393.0	CP	BDISDTT -20060331BLC
18	KIXE-TV	CHICO & PARADISE CA	154.9	STA	BSTA -20090608ADO
18	KUVS-TV	MODESTO CA	67.2	LIC	BLCDT -20020906ABH
18	KUVS-TV	MODESTO CA	67.2	PLN	DTVPLN -DTVP0629
21	KMAX-TV	SACRAMENTO CA	54.6	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	54.6	PLN	DTVPLN -DTVP0747

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 30)

21	KMAX-TV	SACRAMENTO CA	57.4	CP	BPCDT	-20080620ABK
25	KOVR	STOCKTON CA	57.4	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	57.4	PLN	DTVPLN	-DTVP0911
25	KOVR	STOCKTON CA	57.4	CP	BPCDT	-20080620ABM
32	KSTV-LP	SACRAMENTO CA	0.0	LIC	BLTTL	-20070716ADI
32	KSTV-LP	SACRAMENTO CA	0.0	APP	BSTA	-20070612ABW
32	KFTY	SANTA ROSA CA	133.1	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	133.1	PLN	DTVPLN	-DTVP1172
32	K32GW-D	CARSON CITY NV	138.3	LIC	BLDTT	-20070529ADO
31	NEW-LD	COMMUNITY CA	91.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
17	K17CG	UKIAH CA	BLTT -19900129IH		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	KXVU-LP	CHICO CA	151.3	CP	BDFCDTL -20060329AEC
17	KXVU-LP	CHICO CA	151.3	LIC	BLTTL -20060303AAJ
17	KVIQ	EUREKA CA	194.0	CP	BPCDT -20080617ABE
17	KVIQ	EUREKA CA	194.0	PLN	DTVPLN -DTVP0589
17	KVIQ	EUREKA CA	194.0	LIC	BLCDT -20030806ACS
17	KSTV-LP	SACRAMENTO CA	180.4	APP	BDISTTL -20070103AAV
17	K17BA	YREKA CA	280.0	CP	BDFCDTT -20090325AEK
17	K17CA-D	CARSON CITY NV	292.6	LIC	BLDTT -20090108AAO
17	K17IJ-D	BUTTE FALLS OR	386.6	CP	BDCCDTT -20061030AHC
17	K17IM-D	CARPENTERVILLE OR	356.6	CP	BDCCDTT -20061030AHW
17	K58BG	KLAMATH FALLS OR	354.7	CP	BDISDTT -20060331BLC
18	KIXE-TV	CHICO & PARADISE CA	150.7	STA	BSTA -20090608ADO
32	KFTY	SANTA ROSA CA	63.9	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	63.9	PLN	DTVPLN -DTVP1172
31	NEW-LD	COMMUNITY CA	117.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
23	KEZT-CA	SACRAMENTO CA	BLTTL -19970918JA		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KBSV	CERES CA	118.0	CP MOD	BMPEDT -20081002ABR
15	KBSV	CERES CA	121.4	PLN	DTVPLN -DTVP0518
19	KOFY-TV	SAN FRANCISCO CA	123.9	LIC	BLCDT -20000421ABF

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 30)

19	KBWB	SAN FRANCISCO CA	123.9	PLN	DTVPLN	-DTVP0663
19	KOFY-TV	SAN FRANCISCO CA	123.9	CP MOD	BMPCDT	-20090603AGC
21	KMAX-TV	SACRAMENTO CA	33.5	LIC	BLCDT	-20041018ABT
21	KMAX-TV	SACRAMENTO CA	33.5	PLN	DTVPLN	-DTVP0747
21	KMAX-TV	SACRAMENTO CA	36.3	CP	BPCDT	-20080620ABK
22	KZVU-LP	CHICO CA	156.5	CP	BDFCDTL	-20060329AET
22	K22FR	SACRAMENTO CA	17.4	LIC	BLTT	-20061204ADU
23	KRCB	COTATI CA	98.6	APP	BLEDT	-20081107ACJ
23	KRCB	COTATI CA	98.6	PLN	DTVPLN	-DTVP0829
23	KRCB	COTATI CA	98.6	CP	BPEDT	-20080617AEI
23	K23JE-D	DUNSMUIR, ETC. CA	303.7	CP	BDCCDTT	-20061030AHY
23	KHMM-LD	HANFORD CA	244.9	CP MOD	BMPDTL	-20071102ATK
23	KMUV-LP	MONTEREY CA	201.2	LIC	BLTTL	-20070402KPQ
23	KRDT-LD	REDDING CA	248.5	CP	BDCCDTL	-20061030AEU
23	K23DT	TAHOE CITY CA	160.9	LIC	BLTT	-19930927IB
23	K23DT	TAHOE CITY CA	160.9	CP	BDFCDTT	-20081124ALW
24	KFTL-LD	SAN FRANCISCO, ETC. CA	128.5	CP	BDCCDTL	-20061030AET
24	KDSL-LD	UKIAH CA	151.7	CP	BDCCDTL	-20061004ABF
24	K24IB-D	VERDI/MOGUL NV	174.1	LIC	BLDTT	-20081006AFB
25	KOVR	STOCKTON CA	36.3	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	36.3	PLN	DTVPLN	-DTVP0911
25	KOVR	STOCKTON CA	36.3	CP	BPCDT	-20080620ABM
26	KTFK-TV	STOCKTON CA	36.3	CP MOD	BMPCDT	-20080616ACI
26	KTFK-TV	STOCKTON CA	36.3	PLN	DTVPLN	-DTVP0943
27	KTSF	SAN FRANCISCO CA	128.6	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	128.6	PLN	DTVPLN	-DTVP0983
27	KTSF	SAN FRANCISCO CA	128.6	LIC	BLGDT	-20050131AOD
30	KQED	SAN FRANCISCO CA	123.9	LIC	BLEDT	-20000601ADY
30	KQED	SAN FRANCISCO CA	123.9	PLN	DTVPLN	-DTVP1098
30	KQED	SAN FRANCISCO CA	123.9	CP	BPEDT	-20080314ACI
38	KRON-TV	SAN FRANCISCO CA	123.9	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	123.9	PLN	DTVPLN	-DTVP1357
31	NEW-LD	COMMUNITY CA	57.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
27	KEXT-CA	MODESTO CA	BLTTA	-20030123ACJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KOFY-TV	SAN FRANCISCO CA	101.7	LIC	BLCDT -20000421ABF
19	KBWB	SAN FRANCISCO CA	101.7	PLN	DTVPLN -DTVP0663
19	KOFY-TV	SAN FRANCISCO CA	101.7	CP MOD	BMPCDT -20090603AGC
23	KRCB	COTATI CA	144.5	APP	BLEDT -20081107ACJ
23	KRCB	COTATI CA	144.5	PLN	DTVPLN -DTVP0829
23	KRCB	COTATI CA	144.5	CP	BPEDT -20080617AEI
25	KOVR	STOCKTON CA	85.5	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	85.5	PLN	DTVPLN -DTVP0911
25	KOVR	STOCKTON CA	85.5	CP	BPCDT -20080620ABM
25	KQET	WATSONVILLE CA	81.6	PLN	DTVPLN -DTVP0912
25	KQET	WATSONVILLE CA	81.5	APP	BFRCT -20050811AAH
25	KQET	WATSONVILLE CA	81.5	CP	BPEDT -20080314ACH

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 30)

26	KTFK-TV	STOCKTON CA	85.5	CP MOD	BMPCDT	-20080616ACI
26	KTFK-TV	STOCKTON CA	85.5	PLN	DTVPLN	-DTVP0943
27	KEBK-LP	BAKERSFIELD CA	333.8	APP	BDISDTL	-20090114AES
27	KUCO-LP	CHICO CA	277.7	CP	BDFCDTL	-20060329AEM
27	KJKZ-LP	FRESNO CA	200.6	APP	BDFCDTL	-20090220ADZ
27	KJKZ-LP	FRESNO CA	200.6	LIC	BLTTL	-20070130AAY
27	K27GZ	MARIPOSA CA	117.0	LIC	BLTT	-20020221AAJ
27	KYMB-LD	MONTEREY CA	110.2	LIC	BLDTT	-20090423AAX
27	KUCO-LP	RED BLUFF CA	277.7	STA	BSTA	-20030417ACD
27	K27JD-D	RIDGECREST, ETC. CA	396.1	CP	BDCCDTT	-20061016AAP
27	K27EU	SACRAMENTO CA	150.4	LIC	BLTTL	-19970213JG
27	KTSF	SAN FRANCISCO CA	98.2	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	98.2	PLN	DTVPLN	-DTVP0983
27	KTSF	SAN FRANCISCO CA	98.2	LIC	BLCDT	-20050131AOD
27	KEYT-TV	SANTA BARBARA CA	351.4	CP MOD	BMPCDT	-20060630ACN
27	KEYT-TV	SANTA BARBARA CA	351.4	PLN	DTVPLN	-DTVP0984
27	K27EE	UKIAH CA	237.1	LIC	BLTT	-19950322IC
28	KKPM-CA	CHICO CA	196.1	CP	BDFCDTA	-20081031ABI
28	KFTL-CA	SAN FRANCISCO CA	98.1	APP	BDFCDTA	-20090603AGJ
28	KMMW-LP	STOCKTON CA	89.9	CP	BDISTTL	-20060403AOS
28	KMMW-LP	STOCKTON CA	89.9	LIC	BLDTL	-20090518ADI
29	KPIX-TV	SAN FRANCISCO CA	101.6	LIC	BLCDT	-19990301KF
29	KPIX-TV	SAN FRANCISCO CA	101.6	PLN	DTVPLN	-DTVP1061
29	KPIX-TV	SAN FRANCISCO CA	101.7	CP MOD	BMPCDT	-20080603AAG
30	KQED	SAN FRANCISCO CA	101.7	LIC	BLEDT	-20000601ADY
30	KQED	SAN FRANCISCO CA	101.7	PLN	DTVPLN	-DTVP1098
30	KQED	SAN FRANCISCO CA	101.7	CP	BPEDT	-20080314ACI
31	KSMS-TV	MONTEREY CA	81.5	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	81.5	PLN	DTVPLN	-DTVP1127
34	KFSF-TV	VALLEJO CA	101.7	LIC	BLCDT	-20030620ABV
34	KFSF-TV	VALLEJO CA	101.7	PLN	DTVPLN	-DTVP1244
34	KFSF-TV	VALLEJO CA	101.7	CP	BPCDT	-20081031AAE
35	KCRA-TV	SACRAMENTO CA	88.1	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	88.1	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	86.3	LIC	BLCDT	-20040122ADR
41	KKPX-TV	SAN JOSE CA	98.1	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	98.1	PLN	DTVPLN	-DTVP1462
42	KBKF-LD	GLEN ARBOR CA	81.5	CP MOD	BMPDTL	-20070927AJ0
42	KTUU	SAN JOSE CA	45.5	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	98.1	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	46.0	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	46.0	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	46.0	APP	BMPDTL	-20090114ABH
31	NEW-LD	COMMUNITY CA	121.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
27	K27EU	SACRAMENTO CA	BLTTL	-19970213JG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KCVU	PARADISE CA	130.1	CP	BPCDT -20081003ABU

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 30)

20	KCVU	PARADISE CA	130.2	PLN	DTVPLN	-DTVP0715
20	KCVU	PARADISE CA	130.1	LIC	BLCDT	-20061003ADW
23	KRCB	COTATI CA	122.0	APP	BLEDT	-20081107ACJ
23	KRCB	COTATI CA	122.0	PLN	DTVPLN	-DTVP0829
23	KRCB	COTATI CA	122.0	CP	BPEDT	-20080617AEI
25	KOVR	STOCKTON CA	67.8	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	67.8	PLN	DTVPLN	-DTVP0911
25	KOVR	STOCKTON CA	67.8	CP	BPCDT	-20080620ABM
26	K27FX	SACRAMENTO CA	0.0	APP	BP TTL	-20020816AAS
26	KTFK-TV	STOCKTON CA	67.8	CP MOD	BMPCDT	-20080616ACI
26	KTFK-TV	STOCKTON CA	67.8	PLN	DTVPLN	-DTVP0943
27	KUCO-LP	CHICO CA	130.0	LIC	BL TTL	-20050405AAP
27	KUCO-LP	CHICO CA	130.0	CP	BDFCDTL	-20060329AEM
27	KJKZ-LP	FRESNO CA	292.8	APP	BDFCDTL	-20090220ADZ
27	KJKZ-LP	FRESNO CA	292.8	LIC	BL TTL	-20070130AAV
27	K27GZ	MARIPOSA CA	183.3	LIC	BLTT	-20020221AAJ
27	KEXT-CA	MODESTO CA	150.4	CP	BDFCDTA	-20080804AER
27	KEXT-CA	MODESTO CA	150.4	LIC	BLTTA	-20030123ACJ
27	KYMB-LD	MONTEREY CA	256.8	LIC	BLDTT	-20090423AAX
27	KUCO-LP	RED BLUFF CA	130.0	STA	BSTA	-20030417ACD
27	KTSF	SAN FRANCISCO CA	160.4	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	160.4	PLN	DTVPLN	-DTVP0983
27	KTSF	SAN FRANCISCO CA	160.4	LIC	BLCDT	-20050131AOD
27	K27EE	UKIAH CA	156.7	LIC	BLTT	-19950322IC
27	K58FM	ROUND MOUNTAIN NV	379.3	APP	BDFCDTT	-20090518ACL
28	KKPM-CA	CHICO CA	59.9	LIC	BLTTA	-20040805ABM
28	KKPM-CA	CHICO CA	60.0	CP	BDFCDTA	-20081031ABI
28	KFTL-CA	SAN FRANCISCO CA	160.3	APP	BDFCDTA	-20090603AGJ
28	KMMW-LP	STOCKTON CA	94.6	LIC	BLDTL	-20090518ADI
35	KCRA-TV	SACRAMENTO CA	64.9	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	67.0	LIC	BLCDT	-20040122ADR
42	KMSX-LD	SACRAMENTO CA	39.9	CP	BDISDTL	-20090210ABO
31	NEW-LD	COMMUNITY CA	83.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRCB	COTATI CA	96.5	APP	BLEDT -20081107ACJ
23	KRCB	COTATI CA	96.5	PLN	DTVPLN -DTVP0829
23	KRCB	COTATI CA	96.5	CP	BPEDT -20080617AEI
26	K26GK	LAKEPORT CA	31.5	LIC	BL TTL -20030130AHS
27	KUCO-LP	CHICO CA	151.2	LIC	BL TTL -20050405AAP
27	KUCO-LP	CHICO CA	151.2	CP	BDFCDTL -20060329AEM
27	KEXT-CA	MODESTO CA	237.1	CP	BDFCDTA -20080804AER
27	KEXT-CA	MODESTO CA	237.1	LIC	BLTTA -20030123ACJ
27	KYMB-LD	MONTEREY CA	307.2	LIC	BLDTT -20090423AAX
27	KUCO-LP	RED BLUFF CA	151.2	STA	BSTA -20030417ACD
27	K27EU	SACRAMENTO CA	156.7	LIC	BL TTL -19970213JG

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 30)

27	KTSF	SAN FRANCISCO CA	169.1	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	169.1	PLN	DTVPLN	-DTVP0983
27	KTSF	SAN FRANCISCO CA	169.1	LIC	BLCDT	-20050131AOD
28	KKPM-CA	CHICO CA	110.2	CP	BDFCDTA	-20081031ABI
28	K28CY-D	LEWISTON CA	176.3	LIC	BLDTT	-20081007AFA
28	KFTL-CA	SAN FRANCISCO CA	169.0	APP	BDFCDTA	-20090603AGJ
28	KDTV-CA	SANTA ROSA CA	65.9	LIC	BLTTA	-20030212AAT
42	K42HE	UKIAH CA	45.9	LIC	BL TTL	-20081222ABC
31	NEW-LD	COMMUNITY CA	117.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.
28 KKPM-CA CHICO CA BLTTA -20040805ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KCVU	PARADISE CA	84.8	CP	BPCDT -20081003ABU
20	KCVU	PARADISE CA	84.8	PLN	DTVPLN -DTVP0715
20	KCVU	PARADISE CA	84.8	LIC	BLCDT -20061003ADW
21	KMAX-TV	SACRAMENTO CA	108.3	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	108.3	PLN	DTVPLN -DTVP0747
21	KMAX-TV	SACRAMENTO CA	110.8	CP	BPCDT -20080620ABK
24	KNVN	CHICO CA	119.3	CP	BPCDT -20080307AAC
24	KNVN	CHICO CA	119.3	PLN	DTVPLN -DTVP0868
25	KOVR	STOCKTON CA	110.8	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	110.8	PLN	DTVPLN -DTVP0911
25	KOVR	STOCKTON CA	110.8	CP	BPCDT -20080620ABM
26	KTFK-TV	STOCKTON CA	110.8	CP MOD	BMPCDT -20080616ACI
26	KTFK-TV	STOCKTON CA	110.8	PLN	DTVPLN -DTVP0943
27	KUCO-LP	CHICO CA	84.6	LIC	BL TTL -20050405AAP
27	KUCO-LP	CHICO CA	84.6	CP	BDFCDTL -20060329AEM
27	KEXT-CA	MODESTO CA	196.1	CP	BDFCDTA -20080804AER
27	K27EU	SACRAMENTO CA	59.9	LIC	BL TTL -19970213JG
28	KBVU	EUREKA CA	249.5	CP MOD	BMPCDT -20051220AIY
28	KBVU	EUREKA CA	249.6	PLN	DTVPLN -DTVP1023
28	K28DB-D	FALL RIVER MILLS CA	201.9	LIC	BLDTT -20080826AAR
28	K28CY-D	LEWISTON CA	186.3	LIC	BLDTT -20081007AFA
28	KFTL-CA	SAN FRANCISCO CA	177.0	APP	BDFCDTA -20090603AGJ
28	KFTL-CA	SAN FRANCISCO, ETC. CA	177.0	LIC	BLTTA -20050105ACB
28	KDTV-CA	SANTA ROSA CA	92.0	LIC	BLTTA -20030212AAT
28	KMMW-LP	STOCKTON CA	153.6	CP	BDISDTL -20060403AOS
28	KMPH-LP	STOCKTON CA	153.6	LIC	BLDTL -20090518ADI
28	KMPH-TV	VISALIA CA	382.1	LIC	BLCDT -20030204AGN
28	KMPH-TV	VISALIA CA	382.1	PLN	DTVPLN -DTVP1025
28	K28GG	MEDFORD OR	352.6	CP	BDFCDTL -20090102ACK
29	KMSX-LD	CHICO CA	58.2	LIC	BLDTL -20080616ADQ
29	KREN-LP	SUSANVILLE CA	174.9	CP	BDFCDTL -20060330AHK
29	KREN-LP	SUSANVILLE CA	174.9	APP	BDFCDTL -20090609ABB
29	K29ES	CARSON CITY NV	176.5	CP	BDFCDTT -20081125AFF
32	KFTY	SANTA ROSA CA	92.1	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	92.1	PLN	DTVPLN -DTVP1172
35	KCRA-TV	SACRAMENTO CA	108.3	CP	BPCDT -20080208AEM

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 9 of 30)

35	KCRA-TV	SACRAMENTO CA	108.3	PLN	DTVPLN	-DTVPI280
35	KCRA-TV	SACRAMENTO CA	110.0	LIC	BLCDT	-20040122ADR
43	KHSL-TV	CHICO CA	84.1	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	84.2	PLN	DTVPLN	-DTVPI527
43	KHSL-TV	CHICO CA	84.1	LIC	BLCDT	-20060315AEZ
43	NEW	SACRAMENTO CA	105.0	APP	BNPEDT	-20030922AFW
43	NEW	SACRAMENTO CA	101.5	APP	BNPEDT	-20030922AFV
31	NEW-LD	COMMUNITY CA	93.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KFTL-CA	SAN FRANCISCO, ETC. CA	BLTTA -20050105ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KMAX-TV	SACRAMENTO CA	104.7	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	104.7	PLN	DTVPLN -DTVPO747
21	KMAX-TV	SACRAMENTO CA	102.2	CP	BPCDT -20080620ABK
25	KOVR	STOCKTON CA	102.2	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	102.2	PLN	DTVPLN -DTVPO911
25	KOVR	STOCKTON CA	102.2	CP	BPCDT -20080620AEM
25	KQET	WATSONVILLE CA	132.4	PLN	DTVPLN -DTVPO912
25	KQET	WATSONVILLE CA	132.4	APP	BFCRET -20050811AAH
25	KQET	WATSONVILLE CA	132.4	CP	BPEDT -20080314ACH
26	KTFK-TV	STOCKTON CA	102.2	CP MOD	BMPCDT -20080616ACI
26	KTFK-TV	STOCKTON CA	102.2	PLN	DTVPLN -DTVPO943
27	KEXT-CA	MODESTO CA	98.1	CP	BDFCDTA -20080804AER
27	KYMB-LD	MONTEREY CA	138.5	LIC	BLDTT -20090423AAX
27	KTSF	SAN FRANCISCO CA	0.1	CP	BPCDT -20080620ALV
27	KTSF	SAN FRANCISCO CA	0.1	PLN	DTVPLN -DTVPO983
27	KTSF	SAN FRANCISCO CA	0.1	LIC	BLCDT -20050131AOD
28	KKPM-CA	CHICO CA	177.0	LIC	BLTTA -20040805ABM
28	KKPM-CA	CHICO CA	177.0	CP	BDFCDTA -20081031ABI
28	KBVU	EUREKA CA	362.9	CP MOD	BMPCDT -20051220AIY
28	KBVU	EUREKA CA	362.9	PLN	DTVPLN -DTVPI1023
28	K28DB-D	FALL RIVER MILLS CA	377.6	LIC	BLDTT -20080826AAR
28	K28CY-D	LEWISTON CA	335.6	LIC	BLDTT -20081007AFA
28	KDTV-CA	SANTA ROSA CA	108.9	LIC	BLTTA -20030212AAT
28	KMMW-LP	STOCKTON CA	157.4	CP	BDISTTL -20060403AOS
28	KMMW-LP	STOCKTON CA	157.4	LIC	BLDTL -20090518ADI
28	KMPH-TV	VISALIA CA	334.6	LIC	BLCDT -20030204AGN
28	KMPH-TV	VISALIA CA	334.6	PLN	DTVPLN -DTVPI1025
29	K29AB	MONTEREY, ETC. CA	132.4	APP	BDFCDTT -20090604AAD
29	K29AB	MONTEREY, ETC. CA	132.4	CP	BDFCDTT -20060829BHB
29	KPIX-TV	SAN FRANCISCO CA	7.7	LIC	BLCDT -19990301KF
29	KPIX-TV	SAN FRANCISCO CA	7.7	PLN	DTVPLN -DTVPI1061
29	KPIX-TV	SAN FRANCISCO CA	7.7	CP MOD	BMPCDT -20080603AAG
30	KQED	SAN FRANCISCO CA	7.7	LIC	BLEDT -20000601ADY
30	KQED	SAN FRANCISCO CA	7.7	PLN	DTVPLN -DTVPI1098
30	KQED	SAN FRANCISCO CA	7.7	CP	BPEDT -20080314ACI
31	KSMS-TV	MONTEREY CA	132.4	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	132.4	PLN	DTVPLN -DTVPI1127
32	KFTY	SANTA ROSA CA	110.5	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	110.5	PLN	DTVPLN -DTVPI1172

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 10 of 30)

35	KCRA-TV	SACRAMENTO CA	104.7	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	104.7	PLN	DTVPLN	-DTVPI280
35	KCRA-TV	SACRAMENTO CA	102.7	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	54.7	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	54.7	PLN	DTVPLN	-DTVPI318
36	KICU-TV	SAN JOSE CA	54.7	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	54.7	CP	BPCDT	-20080311ABL
43	NEW	SACRAMENTO CA	139.7	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	7.7	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	7.7	PLN	DTVPLN	-DTVPI530
43	KCSM-TV	SAN MATEO CA	7.7	LIC	BLEDT	-20030822AFZ
31	NEW-LD	COMMUNITY CA	84.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KDTV-CA	SANTA ROSA CA	BLTTA -20030212AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KMAX-TV	SACRAMENTO CA	107.1	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	107.1	PLN	DTVPLN -DTVPO747
21	KMAX-TV	SACRAMENTO CA	107.5	CP	BPCDT -20080620ABK
25	KOVR	STOCKTON CA	107.5	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	107.5	PLN	DTVPLN -DTVPO911
25	KOVR	STOCKTON CA	107.5	CP	BPCDT -20080620ABM
26	KTFK-TV	STOCKTON CA	107.5	CP MOD	BMPCDT -20080616ACI
26	KTFK-TV	STOCKTON CA	107.5	PLN	DTVPLN -DTVPO943
27	KUCO-LP	CHICO CA	164.7	CP	BDFCDTL -20060329AEM
27	KEXT-CA	MODESTO CA	171.3	CP	BDFCDTA -20080804AER
27	KTSF	SAN FRANCISCO CA	108.9	CP	BPCDT -20080620ALV
27	KTSF	SAN FRANCISCO CA	108.9	PLN	DTVPLN -DTVPO983
27	KTSF	SAN FRANCISCO CA	108.9	LIC	BLCDT -20050131AOD
27	K27EE	UKIAH CA	65.9	LIC	BLTT -19950322IC
28	KKPM-CA	CHICO CA	92.0	LIC	BLTTA -20040805ABM
28	KKPM-CA	CHICO CA	92.0	CP	BDFCDTA -20081031ABI
28	KBVU	EUREKA CA	257.8	CP MOD	BMPCDT -20051220AIY
28	KBVU	EUREKA CA	257.8	PLN	DTVPLN -DTVPI1023
28	K28DB-D	FALL RIVER MILLS CA	278.3	LIC	BLDTT -20080826AAR
28	K28CY-D	LEWISTON CA	226.9	LIC	BLDTT -20081007AFA
28	KFTL-CA	SAN FRANCISCO CA	108.9	APP	BDFCDTA -20090603AGJ
28	KFTL-CA	SAN FRANCISCO, ETC. CA	108.9	LIC	BLTTA -20050105ACB
28	KMMW-LP	STOCKTON CA	175.2	CP	BDISTTL -20060403AOS
28	KMMW-LP	STOCKTON CA	175.2	LIC	BLDTL -20090518ADI
28	K28GG	MEDFORD OR	404.9	CP	BDFCDTL -20090102ACK
29	KMSX-LD	CHICO CA	148.7	LIC	BLDTL -20080616ADQ
29	KPIX-TV	SAN FRANCISCO CA	101.1	LIC	BLCDT -19990301KF
29	KPIX-TV	SAN FRANCISCO CA	101.1	PLN	DTVPLN -DTVPI1061
29	KPIX-TV	SAN FRANCISCO CA	101.2	CP MOD	BMPCDT -20080603AAG
29	K29DF	UKIAH CA	65.9	LIC	BLTT -19960424IB
30	KQED	SAN FRANCISCO CA	101.2	LIC	BLEDT -20000601ADY
30	KQED	SAN FRANCISCO CA	101.2	PLN	DTVPLN -DTVPI1098
30	KQED	SAN FRANCISCO CA	101.2	CP	BPEDT -20080314ACI

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 11 of 30)

32	KFTY	SANTA ROSA CA	2.0	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	2.0	PLN	DTVPLN	-DTVPI172
35	KCRA-TV	SACRAMENTO CA	107.1	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	107.1	PLN	DTVPLN	-DTVPI280
35	KCRA-TV	SACRAMENTO CA	107.1	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	145.4	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	145.4	PLN	DTVPLN	-DTVPI318
36	KICU-TV	SAN JOSE CA	145.4	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	145.4	CP	BPCDT	-20080311ABL
43	NEW	SACRAMENTO CA	128.3	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	101.2	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	101.2	PLN	DTVPLN	-DTVPI530
43	KCSM-TV	SAN MATEO CA	101.2	LIC	BLEDT	-20030822AFZ
43	K43AF	UKIAH CA	65.9	LIC	BLTT	-19830125IL
31	NEW-LD	COMMUNITY CA	53.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KMMW-LP	STOCKTON CA	BDISTTL -20060403AOS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KMAX-TV	SACRAMENTO CA	68.8	LIC	BLCDT -20041018ABT
21	KMAX-TV	SACRAMENTO CA	68.8	PLN	DTVPLN -DTVPO747
21	KMAX-TV	SACRAMENTO CA	69.2	CP	BPCDT -20080620ABK
25	KOVR	STOCKTON CA	69.2	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	69.2	PLN	DTVPLN -DTVPO911
25	KOVR	STOCKTON CA	69.2	CP	BPCDT -20080620ABM
26	KTFK-TV	STOCKTON CA	69.2	CP MOD	BMPCDT -20080616ACI
26	KTFK-TV	STOCKTON CA	69.2	PLN	DTVPLN -DTVPO943
27	KJKZ-LP	FRESNO CA	198.7	APP	BDFCDTL -20090220ADZ
27	KEXT-CA	MODESTO CA	89.9	CP	BDFCDTA -20080804AER
27	KEXT-CA	MODESTO CA	89.9	LIC	BLTTA -20030123ACJ
27	KYMB-LD	MONTEREY CA	197.9	LIC	BLDTT -20090423AAH
28	KKPM-CA	CHICO CA	153.6	LIC	BLTTA -20040805ABM
28	KKPM-CA	CHICO CA	153.7	CP	BDFCDTA -20081031ABI
28	K28DB-D	FALL RIVER MILLS CA	327.1	LIC	BLDTT -20080826AAR
28	K28CY-D	LEWISTON CA	338.3	LIC	BLDTT -20081007AFA
28	KFTL-CA	SAN FRANCISCO CA	157.4	APP	BDFCDTA -20090603AGJ
28	KFTL-CA	SAN FRANCISCO, ETC. CA	157.4	LIC	BLTTA -20050105ACB
28	K28GY	SANTA BARBARA, ETC. CA	405.3	CP	BDFCDTT -20080221AAU
28	KDTV-CA	SANTA ROSA CA	175.2	LIC	BLTTA -20030212AAT
28	KMPH-TV	VISALIA CA	229.4	LIC	BLCDT -20030204AGN
28	KMPH-TV	VISALIA CA	229.4	PLN	DTVPLN -DTVPI1025
29	KMSX-LD	CHICO CA	181.8	LIC	BLDTL -20080616ADQ
29	K29AB	MONTEREY, ETC. CA	166.3	APP	BDFCDTT -20090604AAD
29	K29AB	MONTEREY, ETC. CA	166.3	CP	BDFCDTT -20060829BHB
29	K29ES	CARSON CITY NV	147.2	CP	BDFCDTT -20081125AFF
35	KCRA-TV	SACRAMENTO CA	68.8	CP	BPCDT -20080208AEM
35	KCRA-TV	SACRAMENTO CA	68.8	PLN	DTVPLN -DTVPI280
35	KCRA-TV	SACRAMENTO CA	69.3	LIC	BLCDT -20040122ADR
36	KICU-TV	SAN JOSE CA	122.4	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	122.4	PLN	DTVPLN -DTVPI318
36	KICU-TV	SAN JOSE CA	122.4	APP	BMPCDT -20080619AIP

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 12 of 30)

36	KICU-TV	SAN JOSE CA	122.4	CP	BPCDT	-20080311ABL
43	NEW	SACRAMENTO CA	57.9	APP	BNPEDT	-20030922AFW
43	NEW	SACRAMENTO CA	52.9	APP	BNPEDT	-20030922AFV
31	NEW-LD	COMMUNITY CA	124.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29DF	UKIAH CA	BLTT -19960424IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KKPM-CA	CHICO CA	110.2	CP	BDFCDTA -20081031ABI
28	K28CY-D	LEWISTON CA	176.3	LIC	BLDTT -20081007AFA
28	KFTL-CA	SAN FRANCISCO CA	169.0	APP	BDFCDTA -20090603AGJ
28	KDTV-CA	SANTA ROSA CA	65.9	LIC	BLTTA -20030212AAT
29	KMSX-LD	CHICO CA	152.2	LIC	BLDTL -20080616ADQ
29	K29AB	MONTEREY, ETC. CA	297.2	APP	BDFCDTT -20090604AAD
29	K29AB	MONTEREY, ETC. CA	297.2	CP	BDFCDTT -20060829BHB
29	KMSX-LD	REDDING CA	176.8	APP	BSTA -20070221ACP
29	KPIX-TV	SAN FRANCISCO CA	161.4	LIC	BLCDT -19990301KF
29	KPIX-TV	SAN FRANCISCO CA	161.4	PLN	DTVPLN -DTVPI1061
29	KPIX-TV	SAN FRANCISCO CA	161.4	CP MOD	BMPCDT -20080603AAG
29	KREN-LP	SUSANVILLE CA	261.7	CP	BDFCDTL -20060330AHK
29	KREN-LP	SUSANVILLE CA	261.7	APP	BDFCDTL -20090609ABB
29	K29ES	CARSON CITY NV	286.6	CP	BDFCDTT -20081125AFF
29	K36HL	GRANTS PASS OR	366.5	CP	BDISDTT -20060331AJV
29	KDKF	KLAMATH OR	353.4	LIC	BLCDT -20030422AAL
29	KDKF	KLAMATH FALLS OR	353.4	CP	BPCDT -20060221AGL
29	KDKF	KLAMATH FALLS OR	353.4	PLN	DTVPLN -DTVPI1085
30	KKTF-LP	CHICO CA	151.2	CP	BDISDTL -20070423AAZ
32	KFTY	SANTA ROSA CA	63.9	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	63.9	PLN	DTVPLN -DTVPI172
44	NEW	LAKEPORT CA	15.1	APP	BNPTTL -20000828AMT
44	NEW	LAKEPORT CA	15.1	APP	BNPTTL -20000828ARO
44	KTJH-LP	UKIAH CA	12.0	CP	BPTTL -20080625ABN
31	NEW-LD	COMMUNITY CA	117.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KKTF-LP	CHICO CA	BDISDTL -20070423AAZ

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 13 of 30)

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KMSX-LD	CHICO CA	40.6	LIC	BLDTL -20080616ADQ
29	KREN-LP	SUSANVILLE CA	111.1	CP	BDFCDTL -20060330AHK
29	KREN-LP	SUSANVILLE CA	111.1	APP	BDFCDTL -20090609ABB
29	K29ES	CARSON CITY NV	186.0	CP	BDFCDTT -20081125AFF
30	KFSN-TV	FRESNO CA	376.9	PLN	DTVPLN -DTVP1096
30	KFSN-TV	FRESNO CA	376.9	CP	BPCDT -20080513AAH
30	KQED	SAN FRANCISCO CA	253.6	LIC	BLEDT -20000601ADY
30	KQED	SAN FRANCISCO CA	253.6	PLN	DTVPLN -DTVP1098
30	KQED	SAN FRANCISCO CA	253.6	CP	BPEDT -20080314ACI
30	K30JS-D	YREKA CA	198.5	CP MOD	BMPDPT -20080528ABH
30	K30FS	HAWTHORNE NV	304.0	CP MOD	BMPDPT -20090521ADL
30	K30DS	LOVELOCK NV	254.5	CP	BDFCDTT -20090223AAC
30	K30HY-D	VERDI/MOGUL NV	157.4	LIC	BLDTT -20081006AFE
30	KBLN	GRANTS PASS OR	299.1	CP	BPCDT -20080318AMT
30	KBLN	GRANTS PASS OR	299.1	PLN	DTVPLN -DTVP1113
30	K30JT-D	LA PINE OR	411.1	CP	BDCDDTT -20061030ABW
31	KEUV-LP	EUREKA CA	209.7	CP	BDFCDTL -20060403AKS
31	KMUM-CA	SACRAMENTO CA	140.9	APP	BDISDTA -20081113AFO
31	NEW-LD	COMMUNITY CA	177.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KQED	SAN FRANCISCO CA	BLEDT -20000601ADY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KPIX-TV	SAN FRANCISCO CA	0.0	LIC	BLCDT -19990301KF
29	KPIX-TV	SAN FRANCISCO CA	0.0	PLN	DTVPLN -DTVP1061
29	KPIX-TV	SAN FRANCISCO CA	0.0	CP MOD	BMPCDT -20080603AAG
30	KFSN-TV	FRESNO CA	276.9	PLN	DTVPLN -DTVP1096
30	KFSN-TV	FRESNO CA	276.9	CP	BPCDT -20080513AAH
31	KSMS-TV	MONTEREY CA	139.3	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	139.3	PLN	DTVPLN -DTVP1127
31	NEW-LD	COMMUNITY CA	77.7	APP	USERRECORD-01

Total scenarios = 24

Result key: 9
Scenario 9 Affected station 14 KQED
Before Analysis

Results for: 30A CA SAN FRANCISCO	BLEDT	20000601ADY	LIC
HAAT 437.0 m, ATV ERP 777.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7314191	31598.0	
not affected by terrain losses	6594678	26725.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	209829	1370.9	
lost to ATV IX only	209829	1370.9	
lost to all IX	209829	1370.9	

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 14 of 30)

Potential Interfering Stations Included in above Scenario 9

29A CA SAN FRANCISCO	BMPCDT	20080603AAG	CP
30A CA FRESNO	DTVPLN	DTVP1096	PLN
31A CA MONTEREY	BPCDT	20081215ACX	CP

After Analysis

Results for: 30A CA SAN FRANCISCO	BLEDT	20000601ADY	LIC
HAAT 437.0 m, ATV ERP 777.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7314191	31598.0	
not affected by terrain losses	6594678	26725.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	219825	1481.6	
lost to ATV IX only	219825	1481.6	
lost to all IX	219825	1481.6	

Potential Interfering Stations Included in above Scenario 9

29A CA SAN FRANCISCO	BMPCDT	20080603AAG	CP
30A CA FRESNO	DTVPLN	DTVP1096	PLN
31A CA MONTEREY	BPCDT	20081215ACX	CP
31A CA COMMUNITY	USERRECORD01		APP

Percent new IX = 0.1566%

Worst case new IX 0.1566% Scenario 9

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KQED	SAN FRANCISCO CA	BPEDT -20080314ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KPIX-TV	SAN FRANCISCO CA	0.0	LIC	BLCDT -19990301KF
29	KPIX-TV	SAN FRANCISCO CA	0.0	PLN	DTVPLN -DTVP1061
29	KPIX-TV	SAN FRANCISCO CA	0.0	CP MOD	BMPCDT -20080603AAG
30	KFSN-TV	FRESNO CA	276.9	PLN	DTVPLN -DTVP1096
30	KFSN-TV	FRESNO CA	276.9	CP	BPCDT -20080513AAH
31	KSMS-TV	MONTEREY CA	139.3	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	139.3	PLN	DTVPLN -DTVP1127
31	NEW-LD	COMMUNITY CA	77.7	APP	USERRECORD-01

Total scenarios = 8

Result key: 25
Scenario 1 Affected station 15 KQED
Before Analysis

Results for: 30A CA SAN FRANCISCO	BPEDT	20080314ACI	CP
HAAT 512.0 m, ATV ERP 710.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7547682	35258.7	

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 15 of 30)

not affected by terrain losses	6784929	29818.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	287223	1505.5	
lost to ATV IX only	287223	1505.5	
lost to all IX	287223	1505.5	
Potential Interfering Stations Included in above Scenario 1			
29A CA SAN FRANCISCO	DTVPLN	DTVP1061	PLN
30A CA FRESNO	DTVPLN	DTVP1096	PLN
31A CA MONTEREY	BPCDT	20081215ACX	CP
After Analysis			
Results for: 30A CA SAN FRANCISCO	BPEDT	20080314ACI	CP
HAAT 512.0 m, ATV ERP 710.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7547682	35258.7	
not affected by terrain losses	6784929	29818.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	291325	1611.3	
lost to ATV IX only	291325	1611.3	
lost to all IX	291325	1611.3	
Potential Interfering Stations Included in above Scenario 1			
29A CA SAN FRANCISCO	DTVPLN	DTVP1061	PLN
30A CA FRESNO	DTVPLN	DTVP1096	PLN
31A CA MONTEREY	BPCDT	20081215ACX	CP
31A CA COMMUNITY	USERRECORD01		APP

Percent new IX = 0.0631%

Worst case new IX 0.0631% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KEUV-LP	EUREKA CA	BLTTL -20050729AMX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KBVU	EUREKA CA	0.3	CP MOD	BMPCDT -20051220AIY
28	KBVU	EUREKA CA	0.0	PLN	DTVPLN -DTVP1023
30	K30JS-D	YREKA CA	149.6	CP MOD	BMPDPT -20080528ABH
31	KMUM-CA	SACRAMENTO CA	309.8	APP	BDISDTA -20081113AFO
31	KLSR-TV	EUGENE OR	370.8	LIC	BLCDT -20070104ADQ
31	KLSR-TV	EUGENE OR	370.8	PLN	DTVPLN -DTVP1154
31	K31JS-D	GOLD HILL OR	205.7	CP	BDCCDTT -20061030AMT
32	K32DY	MEDFORD OR	202.3	CP	BDFCDTA -20090313AAD
46	K46HI	REDDING CA	122.8	CP	BDFCDTL -20060329AIY
31	NEW-LD	COMMUNITY CA	304.5	APP	USERRECORD-01

Proposal causes no interference

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Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 16 of 30)

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KEUV-LP	EUREKA CA	BDFCDTL -20060403AKS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KKTF-LP	CHICO CA	209.7	CP	BDISDTL -20070423AAZ
30	K30JS-D	YREKA CA	149.6	CP MOD	BMPDPT -20080528ABH
31	KMUM-CA	SACRAMENTO CA	309.8	APP	BDISDTA -20081113AFO
31	KLSR-TV	EUGENE OR	370.8	LIC	BLCDT -20070104ADQ
31	KLSR-TV	EUGENE OR	370.8	PLN	DTVPLN -DTVP1154
31	K31JS-D	GOLD HILL OR	205.7	CP	BDCCDTT -20061030AMT
32	K32DY	MEDFORD OR	202.3	CP	BDFCDTA -20090313AAD
31	NEW-LD	COMMUNITY CA	304.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KBID-LP	FRESNO CA	BLTTL -20071001BOA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KMPH-TV	VISALIA CA	66.8	LIC	BLCDT -20030204AGN
28	KMPH-TV	VISALIA CA	66.8	PLN	DTVPLN -DTVP1025
30	KFSN-TV	FRESNO CA	0.4	PLN	DTVPLN -DTVP1096
30	KFSN-TV	FRESNO CA	0.4	CP	BPCDT -20080513AAH
30	KPAO-LD	PASO ROBLES CA	197.1	CP	BDCCDTL -20070521AED
30	K30FS	HAWTHORNE NV	165.0	CP MOD	BMPDPT -20090521ADL
31	KBTF-CA	BAKERSFIELD CA	195.0	LIC	BLTTA -20041126ACC
31	KBTF-CA	BAKERSFIELD CA	195.0	CP	BDFCDTA -20080804AET
31	K31JM-D	CHINA LAKE, ETC. CA	236.5	CP	BDCCDTT -20061016ACY
31	KTIA	LOS ANGELES CA	339.6	LIC	BLCDT -20050713ACE
31	KTIA	LOS ANGELES CA	339.6	PLN	DTVPLN -DTVP1126
31	KSMS-TV	MONTEREY CA	187.3	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	187.3	PLN	DTVPLN -DTVP1127
31	KMUM-CA	SACRAMENTO CA	255.2	APP	BDISDTA -20081113AFO
31	K31KG-D	SAN LUIS OBISPO CA	219.8	CP	BDCCDTL -20080917AAB
31	K57BC	SAN LUIS OBISPO,ETC. CA	219.8	CP	BDISDTT -20080513ABH
31	K63FP	ROUND MOUNTAIN NV	342.3	APP	BDFCDTT -20090518ACJ
32	NEW	BAKERSFIELD CA	195.2	APP	BSFDTL -20060630CIR
32	NEW	BAKERSFIELD CA	195.0	APP	BSFDTL -20060630BVW
32	NEW	BAKERSFIELD CA	195.0	APP	BSFDTL -20060630COZ
32	KJEO-LP	FRESNO CA	0.0	CP	BDFCDTL -20090420ABO
32	KJEO-LP	FRESNO CA	0.0	LIC	BLTTL -20040917AJA
32	KJEO-LP	FRESNO CA	0.0	APP	BDFCDTL -20080905AAF
34	KGPE	FRESNO CA	0.6	LIC	BLCDT -20030702ABJ
34	KGPE	FRESNO CA	0.6	PLN	DTVPLN -DTVP1241
38	KSEE	FRESNO CA	0.2	LIC	BLCDT -20050914AAZ
38	KSEE	FRESNO CA	0.2	PLN	DTVPLN -DTVP1355
46	K56DZ	FRESNO CA	24.5	APP	BDISDTT -20071003AAX

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 17 of 30)

46	K56DZ	FRESNO CA	24.5	CP	BDFCDTT	-20060327AJR
46	K56DZ	FRESNO CA	24.5	CP	BDISDTT	-20080228ABP
31	NEW-LD	COMMUNITY CA	277.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KSMS-TV	MONTEREY CA	BPCDT	-20081215ACX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KFSN-TV	FRESNO CA	187.2	PLN	DTVPLN	-DTVP1096
30	KFSN-TV	FRESNO CA	187.2	CP	BPCDT	-20080513AAH
30	KQED	SAN FRANCISCO CA	139.3	LIC	BLEDT	-20000601ADY
30	KQED	SAN FRANCISCO CA	139.3	PLN	DTVPLN	-DTVP1098
30	KQED	SAN FRANCISCO CA	139.3	CP	BPEDT	-20080314ACI
31	KTLA	LOS ANGELES CA	419.2	LIC	BLCDT	-20050713ACE
31	KTLA	LOS ANGELES CA	419.2	PLN	DTVPLN	-DTVP1126
32	KION-TV	MONTEREY CA	26.8	LIC	BLCDT	-20030604ACO
32	KION-TV	MONTEREY CA	26.8	PLN	DTVPLN	-DTVP1171
31	NEW-LD	COMMUNITY CA	190.0	APP	USERRECORD-01	

Total scenarios = 12

Result key: 33

Scenario 1 Affected station 19 KSMS-TV
Before Analysis

Results for: 31A CA MONTEREY BPCDT 20081215ACX CP

HAAT	701.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour		4170168	38477.3
not affected by terrain losses		3135639	25483.0
lost to NTSC IX		0	0.0
lost to additional IX by ATV		732228	1627.3
lost to ATV IX only		732228	1627.3
lost to all IX		732228	1627.3

Potential Interfering Stations Included in above Scenario 1

30A CA SAN FRANCISCO	BLEDT	20000601ADY	LIC
32A CA MONTEREY	BLCDT	20030604ACO	LIC

After Analysis

Results for: 31A CA MONTEREY BPCDT 20081215ACX CP

HAAT	701.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour		4170168	38477.3
not affected by terrain losses		3135639	25483.0
lost to NTSC IX		0	0.0
lost to additional IX by ATV		740363	1721.2
lost to ATV IX only		740363	1721.2
lost to all IX		740363	1721.2

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 18 of 30)

Potential Interfering Stations Included in above Scenario 1

30A CA SAN FRANCISCO	BLEDT	20000601ADY	LIC
32A CA MONTEREY	BLCDT	20030604ACO	LIC
31A CA COMMUNITY	USERRECORD01		APP

Percent new IX = 0.3385%

Worst case new IX 0.3385% Scenario 1

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KMUM-CA	SACRAMENTO CA	BDISDTA	-20081113AFO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KKTF-LP	CHICO CA	140.9	CP	BDISDTL	-20070423AAZ
30	K30HY-D	VERDI/MOGUL NV	164.0	LIC	BLDTT	-20081006AFE
31	KEUV-LP	EUREKA CA	309.8	CP	BDFCDTL	-20060403AKS
31	KSMS-TV	MONTEREY CA	216.9	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	216.9	PLN	DTVPLN	-DTVP1127
31	K31KG-D	SAN LUIS OBISPO CA	379.1	CP	BDCCDTL	-20080917AAB
31	K57BC	SAN LUIS OBISPO,ETC. CA	379.1	CP	BDISDTT	-20080513ABH
31	K63FP	ROUND MOUNTAIN NV	395.8	APP	BDFCDTT	-20090518ACJ
32	KSTV-LP	SACRAMENTO CA	33.5	APP	BSTA	-20070612ABW
32	KFTY	SANTA ROSA CA	100.3	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	100.3	PLN	DTVPLN	-DTVP1172
32	K32GW-D	CARSON CITY NV	164.8	LIC	BLDTT	-20070529ADO
31	NEW-LD	COMMUNITY CA	64.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 45

Scenario 1 Affected station 20 KMUM-CA
Before Analysis

Results for: 31A CA SACRAMENTO BDISDTA 20081113AFO APP

HAAT	1.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour		1487657	4288.0
not affected by terrain losses		1486076	4274.3
lost to NTSC IX		0	0.0
lost to additional IX by ATV		997	3.9
lost to ATV IX only		997	3.9
lost to all IX		997	3.9

Potential Interfering Stations Included in above Scenario 1

31A CA MONTEREY	BPCDT	20081215ACX	CP
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After Analysis

Results for: 31A CA SACRAMENTO BDISDTA 20081113AFO APP

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 19 of 30)

HAAT	1.0 m, ATV ERP	15.0 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1487657	4288.0	
not affected by terrain losses		1486076	4274.3	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		1756	12.7	
lost to ATV IX only		1756	12.7	
lost to all IX		1756	12.7	
Potential Interfering Stations Included in above Scenario		1		
31A CA MONTEREY	BPCDT	20081215ACX	CP	
31A CA COMMUNITY	USERRECORD01		APP	
Percent new IX =	0.0511%			
Worst case new IX	0.0511% Scenario	1		
#####				

Analysis of Interference to Affected Station 21

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
31	K31KG-D	SAN LUIS OBISPO CA	BDCCDTL	-20080917AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KPAO-LD	PASO ROBLES CA	32.6	CP	BDCCDTL -20070521AED
30	NEW	VENTURA CA	164.7	APP	BSFDDT -20060630CRI
31	KBTF-CA	BAKERSFIELD CA	187.0	LIC	BLTTA -20041126ACC
31	KBTF-CA	BAKERSFIELD CA	187.0	CP	BDFCDTA -20080804AET
31	K31JM-D	CHINA LAKE, ETC. CA	269.6	CP	BDCCDTT -20061016ACY
31	KTLA	LOS ANGELES CA	267.8	LIC	BLCDT -20050713ACE
31	KTLA	LOS ANGELES CA	267.8	PLN	DTVPLN -DTVPI126
31	KSMS-TV	MONTEREY CA	172.8	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	172.8	PLN	DTVPLN -DTVPI127
31	KMUM-CA	SACRAMENTO CA	379.1	APP	BDISDTA -20081113AFO
31	K57BC	SAN LUIS OBISPO, ETC. CA	0.1	CP	BDISDTT -20080513ABH
32	NEW	BAKERSFIELD CA	187.3	APP	BSFDTL -20060630CIR
32	NEW	BAKERSFIELD CA	187.0	APP	BSFDTL -20060630BVW
32	NEW	BAKERSFIELD CA	187.0	APP	BSFDTL -20060630COZ
32	KJEO-LP	FRESNO CA	219.8	CP	BDFCDTL -20090420ABO
32	KJEO-LP	FRESNO CA	219.8	APP	BDFCDTL -20080905AAF
31	NEW-LD	COMMUNITY CA	361.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
31	K57BC	SAN LUIS OBISPO, ETC. CA	BDISDTT	-20080513ABH

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 20 of 30)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KPAO-LD	PASO ROBLES CA	32.6	CP	BDCCDTL -20070521AED
30	NEW	VENTURA CA	164.8	APP	BSFDDT -20060630CRI
31	KBTF-CA	BAKERSFIELD CA	187.1	LIC	BLTTA -20041126ACC
31	KBTF-CA	BAKERSFIELD CA	187.1	CP	BDFCDTA -20080804AET
31	K31JM-D	CHINA LAKE, ETC. CA	269.7	CP	BDCCDTT -20061016ACY
31	KTLA	LOS ANGELES CA	267.9	LIC	BLCDT -20050713ACE
31	KTLA	LOS ANGELES CA	267.9	PLN	DTVPLN -DTVPI126
31	KSMS-TV	MONTEREY CA	172.7	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	172.7	PLN	DTVPLN -DTVPI127
31	KMUM-CA	SACRAMENTO CA	379.1	APP	BDISDTA -20081113AFO
31	K31KG-D	SAN LUIS OBISPO CA	0.1	CP	BDCCDTL -20080917AAB
32	NEW	BAKERSFIELD CA	187.4	APP	BSFDTL -20060630CIR
32	NEW	BAKERSFIELD CA	187.1	APP	BSFDTL -20060630BVW
32	NEW	BAKERSFIELD CA	187.1	APP	BSFDTL -20060630COZ
32	KJEO-LP	FRESNO CA	219.8	CP	BDFCDTL -20090420ABO
32	KJEO-LP	FRESNO CA	219.8	APP	BDFCDTL -20080905AAF
31	NEW-LD	COMMUNITY CA	361.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
31	K31IE	SUSANVILLE, ETC. CA	BLTT	-20080724ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KKTF-LP	CHICO CA	126.9	CP	BDISDTL -20070423AAZ
30	K30DS	LOVELOCK NV	142.9	CP	BDFCDTT -20090223AAC
30	K30HY-D	VERDI/MOGUL NV	103.0	LIC	BLDTT -20081006AFE
31	KEUV-LP	EUREKA CA	306.9	CP	BDFCDTL -20060403AKS
31	KMUM-CA	SACRAMENTO CA	215.8	APP	BDISDTA -20081113AFO
31	K63FP	ROUND MOUNTAIN NV	305.2	APP	BDFCDTT -20090518ACJ
31	K31BM	SILVER SPRINGS NV	139.8	LIC	BLTT -19880217IL
31	K31JS-D	GOLD HILL OR	311.5	CP	BDCCDTT -20061030AMT
32	K32GW-D	CARSON CITY NV	143.3	LIC	BLDTT -20070529ADO
32	K32GZ-D	IMLAY NV	181.4	CP	BDFCDTT -20060329AKG
46	K46HL	SUSANVILLE CA	0.0	CP	BPTT -20080611ACD
46	KRNS-CA	RENO NV	132.4	APP	BDFCDTA -20090513ACD
31	NEW-LD	COMMUNITY CA	272.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
31	K31GK	UKIAH CA	BLTT	-20040914AFY

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 21 of 30)

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KRCB	COTATI CA	96.5	APP	BLEDT	-20081107ACJ
23	KRCB	COTATI CA	96.5	PLN	DTVPLN	-DTVP0829
23	KRCB	COTATI CA	96.5	CP	BPEDT	-20080617AEI
30	KKTF-LP	CHICO CA	151.2	CP	BDISDTL	-20070423AAZ
31	KEUV-LP	EUREKA CA	194.0	CP	BDFCDTL	-20060403AKS
31	KSMS-TV	MONTEREY CA	297.2	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	297.2	PLN	DTVPLN	-DTVP1127
31	KMUM-CA	SACRAMENTO CA	147.1	APP	BDISDTA	-20081113AFO
31	K31JS-D	GOLD HILL OR	368.0	CP	BDCCDTT	-20061030AMT
32	KFTY	SANTA ROSA CA	63.9	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	63.9	PLN	DTVPLN	-DTVP1172
46	K46DR	LAKEPORT CA	31.5	LIC	BLTT	-19941103IB
31	NEW-LD	COMMUNITY CA	117.3	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.
31	K31BM	SILVER SPRINGS NV	BLTT	-19880217IL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30FS	HAWTHORNE NV	123.0	CP MOD	BMPDIT	-20090521ADL
30	K30DS	LOVELOCK NV	85.7	CP	BDFCDTT	-20090223AAC
30	K30HY-D	VERDI/MOGUL NV	55.7	LIC	BLDTT	-20081006AFE
31	KBID-LP	FRESNO CA	268.2	LIC	BLTTL	-20071001BOA
31	KSMS-TV	MONTEREY CA	359.1	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	359.1	PLN	DTVPLN	-DTVP1127
31	KMUM-CA	SACRAMENTO CA	206.6	APP	BDISDTA	-20081113AFO
31	K31IE	SUSANVILLE, ETC. CA	139.8	LIC	BLTT	-20080724ABN
31	K63FP	ROUND MOUNTAIN NV	197.4	APP	BDFCDTT	-20090518ACJ
31	K59GM	STATELINE NV	82.8	CP	BDISTTL	-20081125AUH
32	K32GW-D	CARSON CITY NV	42.8	LIC	BLDTT	-20070529ADO
32	K32GZ-D	IMLAY NV	152.8	CP	BDFCDTT	-20060329AKG
46	KRNS-CA	RENO NV	53.6	APP	BDFCDTA	-20090513ACD
46	KRNS-CA	RENO, ETC NV	53.6	LIC	BLTTA	-20051114AFU
46	KRNS-CA	RENO, ETC. NV	53.6	APP	BSTA	-20061116AEF
46	KRNS-CA	RENO, ETC. NV	53.6	APP	BSTA	-20070207ABM
31	NEW-LD	COMMUNITY CA	270.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
31	K59GM	STATELINE NV	BDISTTL	-20081125AUH

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 22 of 30)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KKTF-LP	CHICO CA	187.6	CP	BDISDTL	-20070423AAZ
30	K30FS	HAWTHORNE NV	117.6	CP MOD	BMPDIT	-20090521ADL
30	K30DS	LOVELOCK NV	168.0	CP	BDFCDTT	-20090223AAC
30	K30HY-D	VERDI/MOGUL NV	70.2	LIC	BLDTT	-20081006AFE
31	KBTF-CA	BAKERSFIELD CA	406.7	CP	BDFCDTA	-20080804AET
31	KEUV-LP	EUREKA CA	395.2	CP	BDFCDTL	-20060403AKS
31	KSMS-TV	MONTEREY CA	278.2	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	278.2	PLN	DTVPLN	-DTVP1127
31	KMUM-CA	SACRAMENTO CA	133.4	APP	BDISDTA	-20081113AFO
31	K31KG-D	SAN LUIS OBISPO CA	403.2	CP	BDCCDTL	-20080917AAB
31	K57BC	SAN LUIS OBISPO,ETC. CA	403.2	CP	BDISDTT	-20080513ABH
31	K63FP	ROUND MOUNTAIN NV	262.5	APP	BDFCDTT	-20090518ACJ
31	K31BM	SILVER SPRINGS NV	82.8	LIC	BLTT	-19880217IL
32	K32GW-D	CARSON CITY NV	41.4	LIC	BLDTT	-20070529ADO
46	KRNS-CA	RENO NV	41.4	APP	BDFCDTA	-20090513ACD
46	KRNS-CA	RENO, ETC NV	41.4	LIC	BLTTA	-20051114AFU
46	KRNS-CA	RENO, ETC. NV	41.4	APP	BSTA	-20061116AEF
46	KRNS-CA	RENO, ETC. NV	41.4	APP	BSTA	-20070207ABM
31	NEW-LD	COMMUNITY CA	195.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
32	KSTV-LP	SACRAMENTO CA	BLTTL	-20070716ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KOVR	STOCKTON CA	57.4	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	57.4	PLN	DTVPLN	-DTVP0911
25	KOVR	STOCKTON CA	57.4	CP	BPCDT	-20080620ABM
31	KMUM-CA	SACRAMENTO CA	33.5	APP	BDISDTA	-20081113AFO
32	KJEO-LP	FRESNO CA	228.0	CP	BDFCDTL	-20090420ABO
32	KJEO-LP	FRESNO CA	228.0	APP	BDFCDTL	-20080905AAF
32	KION-TV	MONTEREY CA	239.4	LIC	BLCDT	-20030604ACO
32	KION-TV	MONTEREY CA	239.4	PLN	DTVPLN	-DTVP1171
32	KFTY	SANTA ROSA CA	133.1	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	133.1	PLN	DTVPLN	-DTVP1172
32	K32GW-D	CARSON CITY NV	138.3	LIC	BLDTT	-20070529ADO
32	K32GZ-D	IMLAY NV	327.0	CP	BDFCDTT	-20060329AKG
33	KCSO-LP	SACRAMENTO CA	67.2	LIC	BLTTL	-20020503AAV
33	K33GZ	HAWTHORNE NV	204.2	CP	BDFCDTT	-20090209AMA
33	K33ER	VERDI/MOGAL NV	143.7	CP	BDFCDTT	-20080922AEY
35	KCRA-TV	SACRAMENTO CA	54.6	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	54.6	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	56.7	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	145.4	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	145.4	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	145.4	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	145.4	CP	BPCDT	-20080311ABL
40	KTXL	SACRAMENTO CA	54.8	CP MOD	BMPCDT	-20080620ADJ
40	KTXL	SACRAMENTO CA	54.8	PLN	DTVPLN	-DTVP1425
46	KQCA	STOCKTON CA	54.6	LIC	BLCDT	-20060623AAM
46	KQCA	STOCKTON CA	54.6	PLN	DTVPLN	-DTVP1640
47	KTLN-TV	NOVATO CA	141.5	CP	BPCDT	-19991026ABE

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 23 of 30)

47	KTLN-TV	NOVATO CA	141.5	PLN	DTVPLN	-DTVPL668
31	NEW-LD	COMMUNITY CA	91.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	KSTV-LP	SACRAMENTO CA	BSTA -20070612ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KOVR	STOCKTON CA	57.4	LIC	BLCDT -20050516ANE
25	KOVR	STOCKTON CA	57.4	PLN	DTVPLN -DTVPL0911
25	KOVR	STOCKTON CA	57.4	CP	BPCDT -20080620ABM
31	KMUM-CA	SACRAMENTO CA	33.5	APP	BDISDTA -20081113AFO
32	KJEO-LP	FRESNO CA	228.0	CP	BDFCDTL -20090420ABO
32	KJEO-LP	FRESNO CA	228.0	LIC	BLTTL -20040917AJA
32	KJEO-LP	FRESNO CA	228.0	APP	BDFCDTL -20080905AAF
32	KION-TV	MONTEREY CA	239.4	LIC	BLCDT -20030604ACO
32	KION-TV	MONTEREY CA	239.4	PLN	DTVPLN -DTVPL1171
32	KFTY	SANTA ROSA CA	133.1	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	133.1	PLN	DTVPLN -DTVPL1172
32	K32GW-D	CARSON CITY NV	138.3	LIC	BLDTT -20070529ADO
32	K32GZ-D	IMLAY NV	327.0	CP	BDFCDTT -20060329AKG
33	KCSO-LP	SACRAMENTO CA	67.2	LIC	BLTTL -20020503AAV
33	K33GZ	HAWTHORNE NV	204.2	CP	BDFCDTT -20090209AMA
33	K33ER	VERDI/MOGAL NV	143.7	CP	BDFCDTT -20080922AEY
35	KCRA-TV	SACRAMENTO CA	54.6	CP	BPCDT -20080208AEM
35	KCRA-TV	SACRAMENTO CA	54.6	PLN	DTVPLN -DTVPL1280
35	KCRA-TV	SACRAMENTO CA	56.7	LIC	BLCDT -20040122ADR
36	KICU-TV	SAN JOSE CA	145.4	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	145.4	PLN	DTVPLN -DTVPL1318
36	KICU-TV	SAN JOSE CA	145.4	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	145.4	CP	BPCDT -20080311ABL
40	KTXL	SACRAMENTO CA	54.8	CP MOD	BMPCDT -20080620ADJ
40	KTXL	SACRAMENTO CA	54.8	PLN	DTVPLN -DTVPL1425
46	KQCA	STOCKTON CA	54.6	LIC	BLCDT -20060623AAM
46	KQCA	STOCKTON CA	54.6	PLN	DTVPLN -DTVPL1640
47	KTLN-TV	NOVATO CA	141.5	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	141.5	PLN	DTVPLN -DTVPL1668
31	NEW-LD	COMMUNITY CA	91.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	KFTY	SANTA ROSA CA	BPCDT -20080313ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 24 of 30)

32	KION-TV	MONTEREY CA	253.4	LIC	BLCDT	-20030604ACO
32	KION-TV	MONTEREY CA	253.4	PLN	DTVPLN	-DTVPL1171
33	KMTP-TV	SAN FRANCISCO CA	102.8	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	102.8	PLN	DTVPLN	-DTVPL1209
31	NEW-LD	COMMUNITY CA	55.0	APP	USERRECORD-01	

Total scenarios = 8

Result key: 47

Scenario	1	Affected station	29	KFTY
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Before Analysis

Results for: 32A CA SANTA ROSA BPCDT 20080313ACF CP

HAAT	928.0 m, ATV ERP	19.9 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			1312114	25831.4
not affected by terrain losses			768914	18373.9
lost to NTSC IX			0	0.0
lost to additional IX by ATV			54940	276.8
lost to ATV IX only			54940	276.8
lost to all IX			54940	276.8

Potential Interfering Stations Included in above Scenario 1

32A CA MONTEREY	BLCDT	20030604ACO	LIC
33A CA SAN FRANCISCO	BPEDT	20000501AGF	CP

After Analysis

Results for: 32A CA SANTA ROSA BPCDT 20080313ACF CP

HAAT	928.0 m, ATV ERP	19.9 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			1312114	25831.4
not affected by terrain losses			768914	18373.9
lost to NTSC IX			0	0.0
lost to additional IX by ATV			56468	338.8
lost to ATV IX only			56468	338.8
lost to all IX			56468	338.8

Potential Interfering Stations Included in above Scenario 1

32A CA MONTEREY	BLCDT	20030604ACO	LIC
33A CA SAN FRANCISCO	BPEDT	20000501AGF	CP
31A CA COMMUNITY	USERRECORD01		APP

Percent new IX = 0.2140%

Worst case new IX 0.2140% Scenario 1

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K33CH	LAKEPORT CA	BLTT -19890410IR

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 25 of 30)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KOVR	STOCKTON CA	138.0	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	138.0	PLN	DTVPLN	-DTVP0911
25	KOVR	STOCKTON CA	138.0	CP	BPCDT	-20080620ABM
26	KTFK-TV	STOCKTON CA	138.0	CP MOD	BMPCDT	-20080616ACI
26	KTFK-TV	STOCKTON CA	138.0	PLN	DTVPLN	-DTVP0943
29	KPIX-TV	SAN FRANCISCO CA	139.9	LIC	BLCDT	-19990301KF
29	KPIX-TV	SAN FRANCISCO CA	139.9	PLN	DTVPLN	-DTVP1061
29	KPIX-TV	SAN FRANCISCO CA	139.9	CP MOD	BMPCDT	-20080603AAG
30	KQED	SAN FRANCISCO CA	139.9	LIC	BLEDT	-20000601ADY
30	KQED	SAN FRANCISCO CA	139.9	PLN	DTVPLN	-DTVP1098
30	KQED	SAN FRANCISCO CA	139.9	CP	BPEDT	-20080314ACI
32	KFTY	SANTA ROSA CA	37.5	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	37.5	PLN	DTVPLN	-DTVP1172
33	KEMY-LP	EUREKA CA	218.8	CP	BDPCDTL	-20060403AMZ
33	K33HH	REDDING CA	186.2	LIC	BLTTL	-20030507AAC
33	KMTP-TV	SAN FRANCISCO CA	139.9	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	139.9	PLN	DTVPLN	-DTVP1209
33	K33GZ	HAWTHORNE NV	352.4	CP	BDPCDTT	-20090209AMA
33	K33ER	VERDI/MOGAL NV	252.0	CP	BDPCDTT	-20080922AEY
33	K33JP-D	APPLEGATE VALLEY OR	359.8	CP	BDCCDTT	-20061030AIR
33	KFTS	KLAMATH FALLS OR	358.5	LIC	BLEDT	-20060202AHF
33	KFTS	KLAMATH FALLS OR	358.5	PLN	DTVPLN	-DTVP1227
34	KRJR-LD	SACRAMENTO CA	119.8	CP	BDCCDTL	-20061019AFB
35	KCRA-TV	SACRAMENTO CA	137.1	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	137.1	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	137.5	LIC	BLCDT	-20040122ADR
40	KTXL	SACRAMENTO CA	135.6	CP MOD	BMPCDT	-20080620ADJ
40	KTXL	SACRAMENTO CA	135.6	PLN	DTVPLN	-DTVP1425
47	KTILN-TV	NOVATO CA	94.5	CP	BPCDT	-19991026ABE
47	KTILN-TV	NOVATO CA	94.5	PLN	DTVPLN	-DTVP1668
48	KDAS-LP	CLARKS CROSSING CA	52.7	LIC	BLTTL	-20060901ACD
48	KSPX-TV	SACRAMENTO CA	137.1	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	137.1	PLN	DTVPLN	-DTVP1700
31	NEW-LD	COMMUNITY CA	87.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	KCSO-LP	SACRAMENTO CA	BLTTL	-20020503AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KOVR	STOCKTON CA	69.2	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	69.2	PLN	DTVPLN	-DTVP0911
25	KOVR	STOCKTON CA	69.2	CP	BPCDT	-20080620ABM
26	KTFK-TV	STOCKTON CA	69.2	CP MOD	BMPCDT	-20080616ACI
26	KTFK-TV	STOCKTON CA	69.2	PLN	DTVPLN	-DTVP0943
32	KJEO-LP	FRESNO CA	162.7	CP	BDPCDTL	-20090420ABO
32	KJEO-LP	FRESNO CA	162.7	APP	BDPCDTL	-20080905AAF
32	KSTV-LP	SACRAMENTO CA	67.2	LIC	BLTTL	-20070716ADI
32	KSTV-LP	SACRAMENTO CA	67.2	APP	BSTA	-20070612ABW
32	K32GW-D	CARSON CITY NV	154.5	LIC	BLDTT	-20070529ADO

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 26 of 30)

33	KBAK-TV	BAKERSFIELD CA	352.0	LIC	BLCDT	-20060628ABK
33	KBAK-TV	BAKERSFIELD CA	352.0	PLN	DTVPLN	-DTVP1208
33	KEMY-LP	EUREKA CA	402.2	CP	BDPCDTL	-20060403AMZ
33	KSDI-LP	FRESNO CA	198.7	LIC	BLTTL	-20030310BBU
33	KSRW-LP	MAMMOTH LAKES, ETC. CA	220.9	LIC	BLTTL	-20000121ABA
33	K33ID-D	RIDGECREST CA	399.1	LIC	BLDTT	-20080401AUW
33	KDJT-CA	SALINAS CA	166.3	APP	BPTTA	-20080804ABR
33	KDJT-CA	SALINAS-MONTEREY, ET CA	150.6	LIC	BLTTL	-19931014JE
33	KDJT-CA	SALINAS/MONTEREY,ETC CA	166.3	APP	BSTA	-20060822AIZ
33	KDJT-CA	SALINAS/MONTEREY,ETC CA	166.3	APP	BSTA	-20061120ABM
33	KMTP-TV	SAN FRANCISCO CA	156.7	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	156.7	PLN	DTVPLN	-DTVP1209
33	K33GZ	HAWTHORNE NV	175.4	CP	BDPCDTT	-20090209AMA
33	K33IB	SILVER SPRINGS NV	195.5	LIC	BLTT	-20050506ACI
33	K33ER	VERDI/MOGAL NV	175.7	CP	BDPCDTT	-20080922AEY
34	KACA-LP	MODESTO CA	60.0	LIC	BLTTL	-20080813AEP
34	KACA-LP	MODESTO CA	60.0	APP	BSTA	-20071018AFT
34	KRJR-LD	SACRAMENTO CA	84.0	CP	BDCCDTL	-20061019AFB
35	KCRA-TV	SACRAMENTO CA	68.8	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	68.8	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	69.3	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	122.4	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	122.4	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	122.4	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	122.4	CP	BPCDT	-20080311ABL
40	KTXL	SACRAMENTO CA	70.3	CP MOD	BMPCDT	-20080620ADJ
40	KTXL	SACRAMENTO CA	70.3	PLN	DTVPLN	-DTVP1425
48	KSPX-TV	SACRAMENTO CA	68.8	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	68.8	PLN	DTVPLN	-DTVP1700
48	K48LA-D	SOUTH LAKE TAHOE CA	117.2	LIC	BLDTT	-20081010BFY
31	NEW-LD	COMMUNITY CA	124.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	KACA-LP	MODESTO CA	BLTTL	-20080813AEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KTFK-TV	STOCKTON CA	62.7	CP MOD	BMPCDT	-20080616ACI
26	KTFK-TV	STOCKTON CA	62.7	PLN	DTVPLN	-DTVP0943
27	KTSF	SAN FRANCISCO CA	108.9	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	108.9	PLN	DTVPLN	-DTVP0983
27	KTSF	SAN FRANCISCO CA	108.9	LIC	BLCDT	-20050131AOD
30	KQED	SAN FRANCISCO CA	110.3	LIC	BLEDT	-20000601ADY
30	KQED	SAN FRANCISCO CA	110.3	PLN	DTVPLN	-DTVP1098
30	KQED	SAN FRANCISCO CA	110.3	CP	BPEDT	-20080314ACI
31	KSMS-TV	MONTEREY CA	111.4	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	111.4	PLN	DTVPLN	-DTVP1127
32	KION-TV	MONTEREY CA	138.0	LIC	BLCDT	-20030604ACO
32	KION-TV	MONTEREY CA	138.0	PLN	DTVPLN	-DTVP1171
33	KCSO-LP	SACRAMENTO CA	60.0	LIC	BLTTL	-20020503AAV
33	KMTP-TV	SAN FRANCISCO CA	110.3	CP	BPEDT	-20000501AGF

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 27 of 30)

33	KMTP-TV	SAN FRANCISCO CA	110.3	PLN	DTVPLN	-DTVP1209
34	KGPE	FRESNO CA	172.7	LIC	BLCDT	-20030702ABJ
34	KGPE	FRESNO CA	172.7	PLN	DTVPLN	-DTVP1241
34	KRJR-LD	SACRAMENTO CA	97.9	CP	BDCCDTL	-20061019AFB
34	KTAS	SAN LUIS OBISPO CA	267.7	LIC	BLCDT	-20070222AAX
34	KTAS	SAN LUIS OBISPO CA	267.7	PLN	DTVPLN	-DTVP1243
34	KFSF-TV	VALLEJO CA	110.3	LIC	BLCDT	-20030620ABV
34	KFSF-TV	VALLEJO CA	110.3	PLN	DTVPLN	-DTVP1244
34	KFSF-TV	VALLEJO CA	110.3	CP	BPCDT	-20081031AAE
35	KCRA-TV	SACRAMENTO CA	64.9	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	63.4	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	64.8	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	64.8	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	64.8	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	64.8	CP	BPCDT	-20080311ABL
38	KRON-TV	SAN FRANCISCO CA	110.3	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	110.3	PLN	DTVPLN	-DTVP1357
41	KKPX-TV	SAN JOSE CA	108.8	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	108.8	PLN	DTVPLN	-DTVP1462
48	KSPX-TV	SACRAMENTO CA	64.9	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVP1700
49	KMPH-LD	MERCED-MARIPOSA CA	100.6	CP	BDCCDTL	-20061004AIN
49	K49EO	MODESTO CA	17.6	LIC	BLTT	-20000306AAN
49	KSAO-LP	SACRAMENTO CA	102.5	APP	BDPCDTL	-20090220AEA
49	KSTS	SAN JOSE CA	64.6	LIC	BLCDT	-20030507AAT
49	KSTS	SAN JOSE CA	64.6	PLN	DTVPLN	-DTVP1731
49	K42HE	SANTA ROSA CA	139.0	CP	BDISDTL	-20090317ADT
31	NEW-LD	COMMUNITY CA	108.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	KACA-LP	MODESTO CA	BSTA -20071018AFT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KTFK-TV	STOCKTON CA	62.7	CP MOD	BMPCDT -20080616ACI
26	KTFK-TV	STOCKTON CA	62.7	PLN	DTVPLN -DTVP0943
27	KTSF	SAN FRANCISCO CA	108.9	CP	BPCDT -20080620ALV
27	KTSF	SAN FRANCISCO CA	108.9	PLN	DTVPLN -DTVP0983
27	KTSF	SAN FRANCISCO CA	108.9	LIC	BLCDT -20050131AOD
30	KQED	SAN FRANCISCO CA	110.3	LIC	BLCDT -20000601ADY
30	KQED	SAN FRANCISCO CA	110.3	PLN	DTVPLN -DTVP1098
30	KQED	SAN FRANCISCO CA	110.3	CP	BPEDT -20080314ACI
31	KSMS-TV	MONTEREY CA	111.4	CP	BPCDT -20081215ACX
31	KSMS-TV	MONTEREY CA	111.4	PLN	DTVPLN -DTVP1127
32	KION-TV	MONTEREY CA	138.0	LIC	BLCDT -20030604ACO
32	KION-TV	MONTEREY CA	138.0	PLN	DTVPLN -DTVP1171
33	KMTP-TV	SAN FRANCISCO CA	110.3	CP	BPEDT -20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	110.3	PLN	DTVPLN -DTVP1209
34	KGPE	FRESNO CA	172.7	LIC	BLCDT -20030702ABJ
34	KGPE	FRESNO CA	172.7	PLN	DTVPLN -DTVP1241

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 28 of 30)

34	KRJR-LD	SACRAMENTO CA	97.9	CP	BDCCDTL	-20061019AFB
34	KTAS	SAN LUIS OBISPO CA	267.7	LIC	BLCDT	-20070222AAX
34	KTAS	SAN LUIS OBISPO CA	267.7	PLN	DTVPLN	-DTVP1243
34	KFSF-TV	VALLEJO CA	110.3	LIC	BLCDT	-20030620ABV
34	KFSF-TV	VALLEJO CA	110.3	PLN	DTVPLN	-DTVP1244
34	KFSF-TV	VALLEJO CA	110.3	CP	BPCDT	-20081031AAE
35	KCRA-TV	SACRAMENTO CA	64.9	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVP1280
35	KCRA-TV	SACRAMENTO CA	63.4	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	64.8	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	64.8	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	64.8	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	64.8	CP	BPCDT	-20080311ABL
38	KRON-TV	SAN FRANCISCO CA	110.3	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	110.3	PLN	DTVPLN	-DTVP1357
41	KKPX-TV	SAN JOSE CA	108.8	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	108.8	PLN	DTVPLN	-DTVP1462
48	KSPX-TV	SACRAMENTO CA	64.9	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVP1700
49	KMRH-LD	MERCED-MARIPOSA CA	100.6	CP	BDCCDTL	-20061004AIN
49	K49EO	MODESTO CA	17.6	LIC	BLTT	-20000306AAN
49	KSAO-LP	SACRAMENTO CA	102.5	APP	BDPCDTL	-20090220AEA
49	KSTS	SAN JOSE CA	64.6	LIC	BLCDT	-20030507AAT
49	KSTS	SAN JOSE CA	64.6	PLN	DTVPLN	-DTVP1731
49	K42HE	SANTA ROSA CA	139.0	CP	BDISDTL	-20090317ADT
31	NEW-LD	COMMUNITY CA	108.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	K35DO	HOPLAND CA	BLTT -19940509JJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	KFTY	SANTA ROSA CA	50.7	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	50.7	PLN	DTVPLN -DTVP1172
33	KMTP-TV	SAN FRANCISCO CA	142.5	CP	BPEDT -20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	142.5	PLN	DTVPLN -DTVP1209
34	KRJR-LD	SACRAMENTO CA	146.0	CP	BDCCDTL -20061019AFB
35	KKTF-LP	CHICO CA	166.6	LIC	BLTTL -20070309ABE
35	KBVQ-LP	EUREKA CA	213.0	LIC	BLTTL -20040930BNE
35	KBVQ-LP	EUREKA CA	213.0	CP	BDPCDTL -20060330AFR
35	KCRA-TV	SACRAMENTO CA	159.1	CP	BPCDT -20080208AEM
35	KCRA-TV	SACRAMENTO CA	159.1	PLN	DTVPLN -DTVP1280
35	KCRA-TV	SACRAMENTO CA	159.2	LIC	BLCDT -20040122ADR
35	K35IY-D	ROGUE RIVER OR	391.2	CP MOD	BMPCDT -20080603AAF
36	KHSL-TV	REDDING CA	198.5	APP	BDRTCT -20090427ACQ
38	KRON-TV	SAN FRANCISCO CA	142.5	CP MOD	BMPCDT -20080619AFU
38	KRON-TV	SAN FRANCISCO CA	142.5	PLN	DTVPLN -DTVP1357
39	KCNS	SAN FRANCISCO CA	142.5	CP	BPCDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	142.5	PLN	DTVPLN -DTVP1393
39	KCNS	SAN FRANCISCO CA	142.5	LIC	BLCDT -20060221AES
43	KCSM-TV	SAN MATEO CA	142.5	CP	BPEDT -20080825AAV

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 29 of 30)

43	KCSM-TV	SAN MATEO CA	142.5	PLN	DTVPLN	-DTVPI530
43	KCSM-TV	SAN MATEO CA	142.5	LIC	BLEDT	-20030822AFZ
50	KBIT-LD	CHICO CA	115.9	CP MOD	BMPDTL	-20071009AKX
31	NEW-LD	COMMUNITY CA	105.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	K39AG	UKIAH CA	BLTT -19830125IN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	KFTY	SANTA ROSA CA	63.9	CP	BPCDT -20080313ACF
32	KFTY	SANTA ROSA CA	63.9	PLN	DTVPLN -DTVPI172
38	K38FQ	REDDING CA	177.7	CP	BDFCDTL -20060329AHN
39	K39JM-D	SACRAMENTO CA	110.2	CP	BDCCDTL -20061030AQX
39	KMMD-LD	SALINAS CA	314.9	CP	BDCCDTL -20061030AMB
39	KCNS	SAN FRANCISCO CA	161.4	CP	BPCDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	161.4	PLN	DTVPLN -DTVPI393
39	KCNS	SAN FRANCISCO CA	161.4	LIC	BLCDT -20060221AES
39	K39DG-D	TRINITY CENTER CA	208.2	LIC	BLDTT -20081007AFB
39	K39CX-D	IMLAY NV	389.7	LIC	BLDTT -20090505ABP
39	K39FF	RENO NV	287.9	CP	BDFCDTT -20060222AAP
39	K39EF	ASHLAND OR	354.7	CP	BDFCDTL -20090102ACJ
39	K39JO-D	CAVE JUNCTION, ETC. OR	339.2	CP	BDCCDTT -20061030AIP
39	K39DP	KLAMATH FALLS OR	361.6	CP	BDFCDTL -20090102ACG
40	K40HE	REDDING CA	168.0	APP	BDFCDTT -20090508AAR
40	KMMC-LP	SAN FRANCISCO CA	169.0	CP	BDFCDTL -20080801AOG
47	KTLN-TV	NOVATO CA	116.0	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	116.0	PLN	DTVPLN -DTVPI668
54	K54CY	LAKEPORT CA	31.5	LIC	BLTT -19901003IE
31	NEW-LD	COMMUNITY CA	117.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	NEW-LD	COMMUNITY CA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KKTF-LP	CHICO CA	177.1	CP	BDISDTL -20070423AAZ
30	KQED	SAN FRANCISCO CA	77.7	LIC	BLEDT -20000601ADY
30	KQED	SAN FRANCISCO CA	77.7	PLN	DTVPLN -DTVPI098
30	KQED	SAN FRANCISCO CA	77.7	CP	BPEDT -20080314ACI

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 30 of 30)

30	K30HY-D	VERDI/MOGUL NV	228.3	LIC	BLDTT	-20081006AFE
31	KEUV-LP	EUREKA CA	304.5	CP	BDFCDTL	-20060403AKS
31	KSMS-TV	MONTEREY CA	190.0	CP	BPCDT	-20081215ACX
31	KSMS-TV	MONTEREY CA	190.0	PLN	DTVPLN	-DTVPI127
31	KMUM-CA	SACRAMENTO CA	64.4	APP	BDISDTA	-20081113AFO
31	K31KG-D	SAN LUIS OBISPO CA	361.3	CP	BDCCDTL	-20080917AAB
31	K57BC	SAN LUIS OBISPO, ETC. CA	361.3	CP	BDISDTT	-20080513ABH
31	K31GK	UKIAH CA	117.3	LIC	BLTT	-20040914AFY
32	KFTY	SANTA ROSA CA	55.0	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	55.0	PLN	DTVPLN	-DTVPI172
32	K32GW-D	CARSON CITY NV	228.6	LIC	BLDTT	-20070529ADO

Total scenarios = 36

Result key: 55

Scenario 1 Affected station 36 NEW-LD
Before Analysis

Results for: 31A CA COMMUNITY USERRECORD01 APP

HAAT	596.0 m, ATV ERP	0.6 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			533370	3344.5
not affected by terrain losses			396932	2644.0
lost to NTSC IX			0	0.0
lost to additional IX by ATV			56377	262.9
lost to ATV IX only			56377	262.9
lost to all IX			56377	262.9

Potential Interfering Stations Included in above Scenario 1

30A CA SAN FRANCISCO	BLEDT	20000601ADY	LIC
31A CA MONTEREY	BPCDT	20081215ACX	CP
32A CA SANTA ROSA	BPCDT	20080313ACF	CP

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

SECTION III - ENGINEERING DATA (Digital)												
TECHNICAL SPECIFICATIONS												
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.												
TECH BOX												
1.	Channel Number: 31											
2.	Translator Input Channel No. : 45											
3.	Primary station proposed to be rebroadcast:											
	Facility Identifier	Call Sign	City	State	Channel							
	69619	KBCW	SAN FRANCISCO	CA	45							
4.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 38 Minutes 23 Seconds 54 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 122 Minutes 06 Seconds 08 <input checked="" type="radio"/> West <input type="radio"/> East											
5.	Antenna Structure Registration Number: <input checked="" type="checkbox"/> Not Applicable [Exhibit 10] <input type="checkbox"/> Notification filed with FAA											
6.	Antenna Location Site Elevation Above Mean Sea Level: 850.7 meters											
7.	Overall Tower Height Above Ground Level: 41.5 meters											
8.	Height of Radiation Center Above Ground Level: 14.3 meters											
9.	Maximum Effective Radiated Power (ERP): 0.55 kW											
10.	Transmitter Output Power: 0.05 kW											
11.	a. Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public Access (http://fjallfoss.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search. <input type="radio"/> Nondirectional <input type="radio"/> Directional "Off-the-shelf" <input checked="" type="radio"/> Directional composite Manufacturer DIE Model TUM-50-C2 CIRCULARLY POLARIZED b. Electrical Beam Tilt: 1.5 degrees <input type="checkbox"/> Not Applicable											
	c. Directional Antenna Relative Field Values: <input type="checkbox"/> N/A (Nondirectional or Directional "Off-the-shelf") Rotation (Degrees): 250 <input type="checkbox"/> No Rotation											
	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
	0	0.858	10	0.723	20	0.672	30	0.863	40	0.99	50	1.0
	60	0.933	70	0.795	80	0.623	90	0.444	100	0.277	110	0.143
	120	0.061	130	0.027	140	0.031	150	0.023	160	0.016	170	0.028
	180	0.031	190	0.018	200	0.015	210	0.028	220	0.032	230	0.027
	240	0.061	250	0.143	260	0.278	270	0.446	280	0.623	290	0.789
	300	0.915	310	0.975	320	0.972	330	0.859	340	0.688	350	0.757
	Additional Azimuths	17	0.650	343	0.675							

Relative Field Polar Plot

	NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.										
12.	Out-of-channel Emission Mask: <input type="radio"/> Simple <input checked="" type="radio"/> Stringent										
CERTIFICATION											
13.	Interference : The proposed facility complies with all of the following applicable rule sections. 47.C.F.R Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030. <input checked="" type="radio"/> Yes <input type="radio"/> No <div>See Explanation in [Exhibit 11]</div>										
14.	Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine RF compliance, an Exhibit is required . <input checked="" type="radio"/> Yes <input type="radio"/> No <div>See Explanation in [Exhibit 12]</div> By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency										

	electromagnetic exposure in excess of FCC guidelines.
15.	Channels 52-59. If the proposed channel is within channels 52-59, the applicant certifies compliance with the following requirements, as applicable: <input type="checkbox"/> The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available. <input type="checkbox"/> Pursuant to Section 74.786(d), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.
16.	Channels 60-69. If the proposed channel is within channels 60-69, the applicant certifies compliance with the following requirements, as applicable: <input type="checkbox"/> Pursuant to Section 74.786(e), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees. <input type="checkbox"/> Pursuant to Section 74.786(e), the applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreements(s) with 700 MHz public safety regional planning committee(s) and state administrator(s) of the region(s) and state(s) within which the antenna site of the digital LPTV or TV translator station is proposed to locate, and those adjoining regions and states with boundaries within 75 miles of the proposed station location. <input type="checkbox"/> Pursuant to Section 74.786(e), the applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified, within 30 days of filing this application, the 700 MHz public safety regional planning committee(s) and state administrator(s) of the region and state containing the proposed digital LPTV or TV translator antenna site and regions and states whose geographic boundaries lie within 50 miles of the proposed LPTV or TV translator antenna site.
PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.	

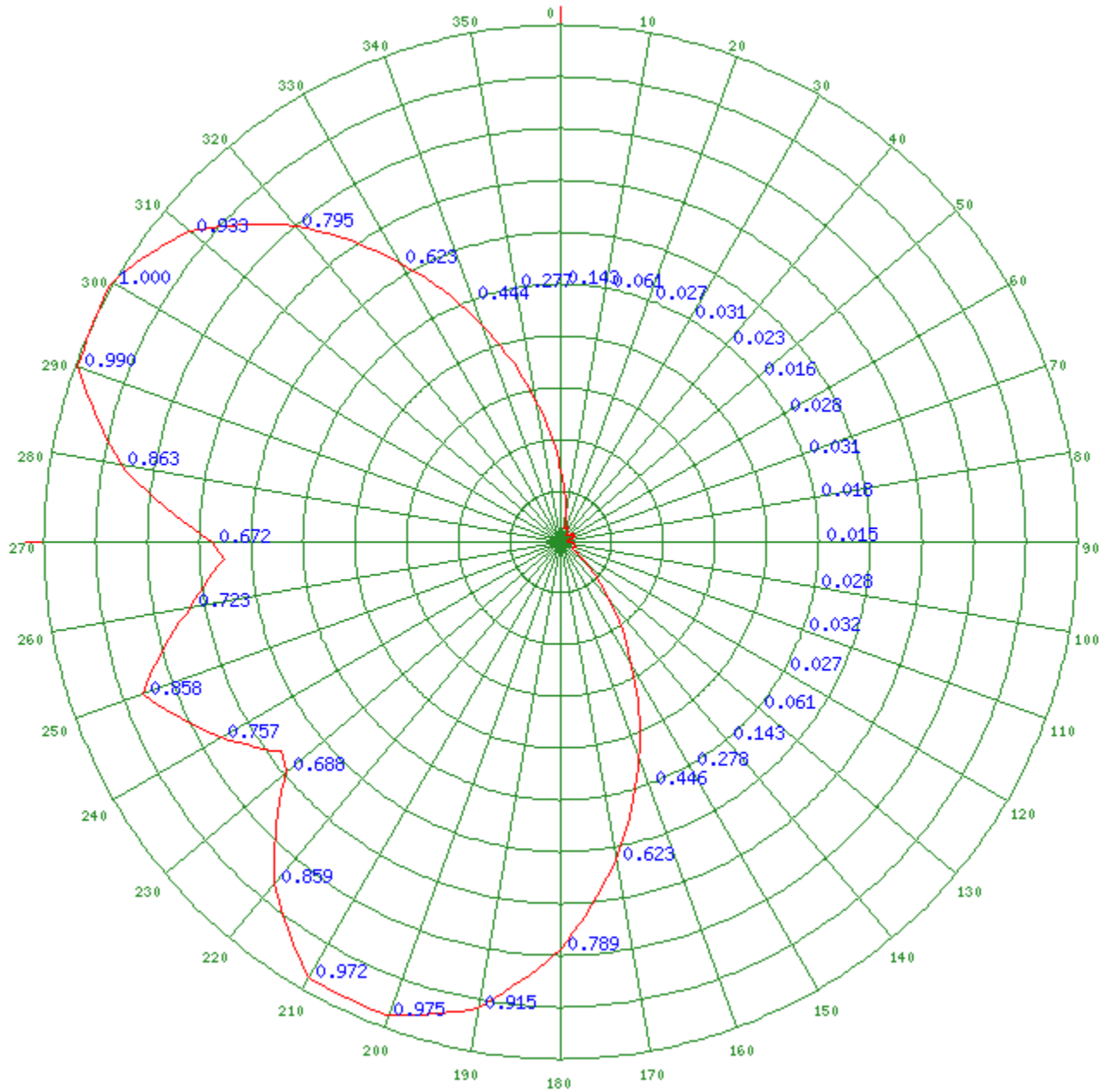
SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name JOSEPH M. DAVIS, P.E.		Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature		Date 6/29/2009	
Mailing Address CHESAPEAKE RF CONSULTANTS, LLC 11993 KAHNS ROAD			
City MANASSAS		State or Country (if foreign address) VA	Zip Code 20112 -
Telephone Number (include area code) 7036509600		E-Mail Address (if available) JOSEPH.DAVIS@RF-CONSULTANTS.COM	

Any specified rotation has already been applied to the plotted pattern.
Field strength values shown on a rotated pattern may differ from the listed values
because intermediate azimuths are interpolated between entered azimuths.

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