

ENGINEERING EXHIBIT

Application for Construction Permit New Replacement Digital Television Translator

prepared for

CBS Broadcasting Inc.
KPIX-TV San Francisco, CA
Replacement Digital Translator
Napa, CA Ch. 42 1.28 kW

CBS Broadcasting Inc. (“*CBS*”) is the licensee of television station KPIX-TV, Facility ID 25452, San Francisco, CA. KPIX-TV is operating on its post-transition digital Channel 42 and operated pre-transition on analog Channel 5. Pursuant to the procedures adopted in MB Docket 08-253,¹ *CBS* herein proposes to construct a new replacement digital television translator station on Channel 42 to aid in serving Napa, CA and other communities in Napa County and vicinity.

Figure 1 depicts the 51 dBμ coverage contour of the proposed translator, along with the authorized KPIX-TV digital Channel 29 noise limited contour (BMPCDT-20080603AAG) and the pre-transition analog Channel 5 Grade B contour (BLCT-2266). The digital Channel 29 noise-limited contour falls short of encompassing all of the analog Grade B contour area. Further, some service loss is predicted to occur within the digital Channel 29 contour area in Napa County and vicinity due to terrain blockage (see DA 09-1274²). The proposed digital translator facility’s contour will cover some of the areas that are predicted to lose service with KPIX-TV’s transition to digital.

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

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.

²Public Notice “*Commission Updates DTV Coverage Maps and List of Stations with 2 Percent or Greater Service Loss*,” June 5, 2009.

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 1.28 kW utilizing a directional antenna.

Detailed interference studies per OET Bulletin 69³ 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.

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.

³FCC 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.

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 $17.7 \mu\text{W}/\text{cm}^2$, which is 4.1 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.



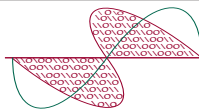
Joseph M. Davis, P.E.
June 29, 2009

Chesapeake RF Consultants, LLC
11993 Kahns Road
Manassas, VA 20112
703-650-9600

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
KPIX-TV San Francisco, CA
Replacement Digital Translator
Napa, CA Ch. 42 1.28 kW

prepared for
CBS Broadcasting Inc.

June, 2009

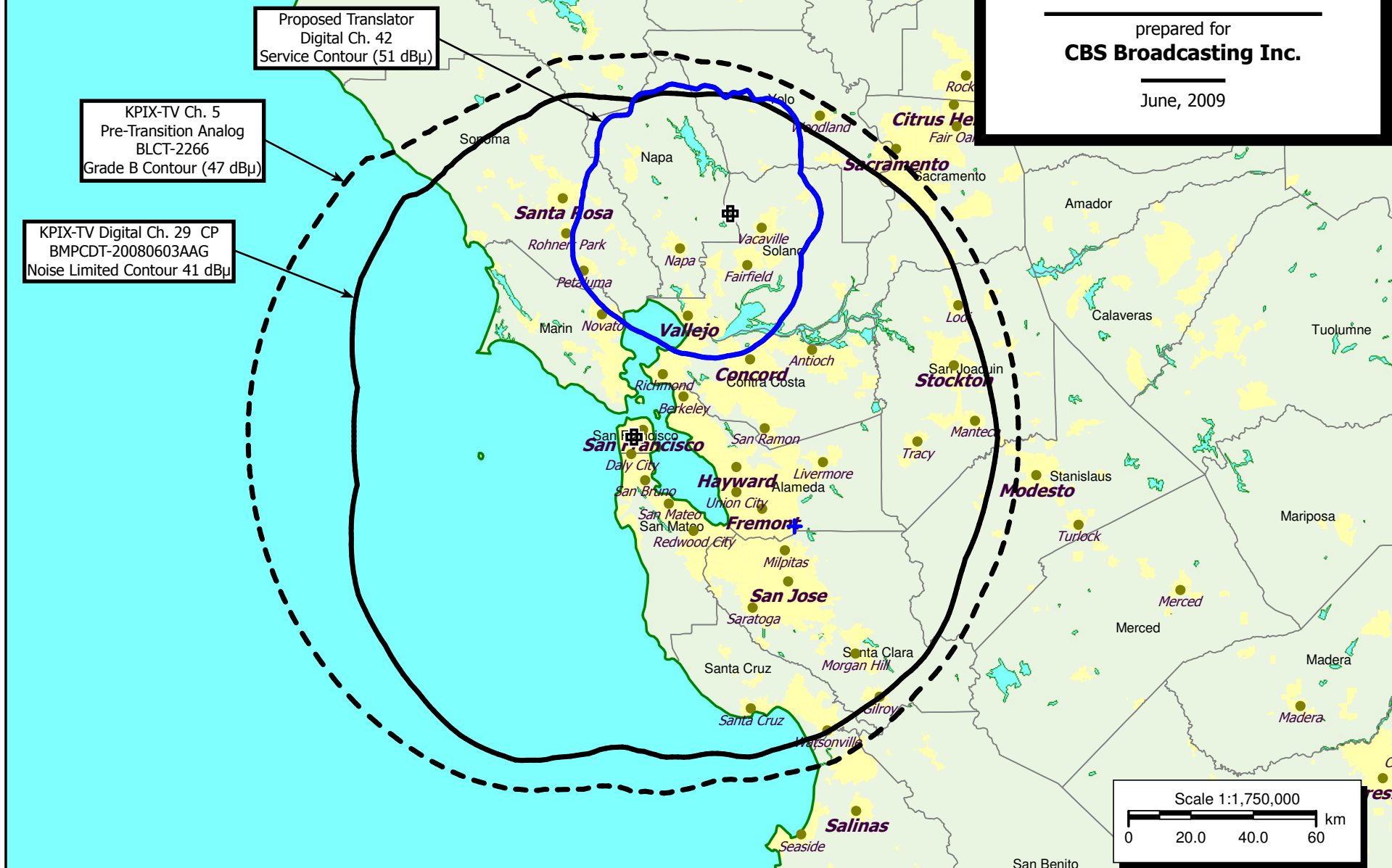


Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 1 of 52)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-22-2009 Time: 10:31:37

Record Selected for Analysis

NEW-LD USERRECORD-01 NAPA CA US
Channel 42 ERP 1.28 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 ALP MR Beam tilt N Ref Azimuth 270.
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	0.307	398.8	37.7
45.0	0.040	695.2	31.9
90.0	0.022	738.1	29.2
135.0	0.040	669.5	31.5
180.0	0.307	761.8	45.4
225.0	0.818	585.8	48.6
270.0	1.280	458.4	48.0
315.0	0.818	459.3	45.3

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 52)

Start of Interference Analysis

Channel	Call	City/State	ARN
42	NEW-LD	NAPA CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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
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
40	KMMC-LP	SAN FRANCISCO CA	84.2	LIC	BLTTL	-20040812ABR
40	KQRM-LP	SANTA ROSA CA	50.2	LIC	BLTTL	-20080324AJF
40	KQRM-LP	SANTA ROSA CA	50.2	CP	BP TTL	-20080505AAE
41	KKPX-TV	SAN JOSE CA	84.2	LIC	BLCDT	-20021108ABD
41	K41AF	UKIAH CA	117.3	LIC	BLTT	-19830125IM
42	KQXS-LP	CAL - OREGON CA	329.1	LIC	BLTTL	-20070730ABL
42	KQXS-LP	CAL - OREGON CA	322.2	CP	BP TTL	-20090123ACS
42	K42HJ	CHICO CA	150.9	CP	BNPTTL	-20000828BHP
42	KSCZ-LP	COALINGA CA	276.9	LIC	BLTT	-19950912IC
42	KVHF-LP	FRESNO CA	277.1	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	141.9	CP MOD	BMPDTL	-20070927AJO
42	K42HL	OROVILLE CA	149.8	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	149.8	APP	BSTA	-20060310AAZ
42	KQXS-LP	REDDING CA	329.1	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	123.3	CP	BDISDTL	-20090210ABO
42	KTUU	SAN JOSE CA	103.3	APP	BDRTCT	-20090529AKX
42	KSBO-CA	SAN LUIS OBISPO CA	361.3	LIC	BLTTL	-19980902JA
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	84.2	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	102.0	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	102.0	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	102.0	APP	BMPDTL	-20090114ABH
42	K42GV	SUSANVILLE, ETC. CA	272.6	LIC	BLTTL	-20070620AEA
42	K42HE	UKIAH CA	109.6	LIC	BLTTL	-20081222ABC
42	K42IL	VERDI NV	228.3	LIC	BLTT	-20071211ABP
42	K42DS	WALKER LAKE, ETC. NV	307.7	LIC	BLTT	-19940822IB
43	KHSL-TV	CHICO CA	176.6	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	176.6	LIC	BLCDT	-20060315AEZ
43	KMCE-LP	MONTEREY CA	190.0	LIC	BLTTL	-20030711ABL
43	NEW	SACRAMENTO CA	111.4	APP	BNPEDT	-20030922AFW
43	NEW	SACRAMENTO CA	82.0	APP	BNPEDT	-20030922AFV
43	KMCE-LP	SAN MARTIN, ETC. CA	190.0	STA	BSTA	-20030714AGM
43	KCSM-TV	SAN MATEO CA	77.7	CP	BP EDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	77.7	LIC	BLEDT	-20030822AFZ
43	K43DB	STATELINE, ETC. CA	188.3	LIC	BLTT	-20070926ALV
43	K43AF	UKIAH CA	117.3	LIC	BLTT	-19830125IL
44	NEW	LAKEPORT CA	102.8	APP	BNPTTL	-20000828AMT
44	NEW	LAKEPORT CA	102.8	APP	BNPTTL	-20000828ARO
44	K49EO	MODESTO CA	108.7	CP MOD	BMPTT	-20050420ABE
44	KRJR-LP	SACRAMENTO CA	44.0	LIC	BLTTL	-20081112AEY

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 52)

44	KTJH-LP	UKIAH CA	126.3	CP	BPTTL	-20080625ABN
44	KTJH-LP	UKIAH CA	126.3	LIC	BLTTL	-20070321AAP
45	K45HC	SACRAMENTO CA	55.4	LIC	BLTT	-20040325AAX
45	K45AH	UKIAH CA	117.3	LIC	BLTT	-19830125IK
46	K46DR	LAKEPORT CA	54.6	APP	BSTA	-20061016ADK
46	K46DR	LAKEPORT CA	87.5	LIC	BLTT	-19941103IB
49	K49EO	MODESTO CA	125.8	LIC	BLTT	-20000306AAN
49	KSAO-LP	SACRAMENTO CA	91.7	LIC	BLTTL	-20050822AAI

Analysis of Interference to Affected Station 1

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
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	BDCDDTT	-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	BDISDTL	-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

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 52)

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	BMPDCTL	-20070927AJO
42	KTUU	SAN JOSE CA	45.5	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	98.1	CP	BDCDDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	46.0	APP	BMPDCTL	-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	BMPDCTL	-20090114ABH
42	NEW-LD	NAPA CA	121.5	APP	USERRECORD	-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 2

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
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	BPTTL	-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	BLTTL	-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	BLTTL	-20070130AAY
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

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 52)

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	-DTVVP1280
35	KCRA-TV	SACRAMENTO CA	67.0	LIC	BLCDT	-20040122ADR
42	KMSX-LD	SACRAMENTO CA	39.9	CP	BDISDTL	-20090210ABO
42	NEW-LD	NAPA 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 3

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	-DTVVP0829
23	KRCB	COTATI CA	96.5	CP	BPEDT	-20080617AEI
26	K26GK	LAKEPORT CA	31.5	LIC	BLTTL	-20030130AHS
27	KUCO-LP	CHICO CA	151.2	LIC	BLTTL	-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	MONTREY CA	307.2	LIC	BLDTT	-20090423AAX
27	KUCO-LP	RED BLUFF CA	151.2	STA	BSTA	-20030417ACD
27	K27EU	SACRAMENTO CA	156.7	LIC	BLTTL	-19970213JG
27	KTSF	SAN FRANCISCO CA	169.1	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	169.1	PLN	DTVPLN	-DTVVP0983
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	BLTTL	-20081222ABC
42	NEW-LD	NAPA 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.
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	-DTVVP0715

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 52)

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	-DTVVP0747
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	-DTVVP0868
25	KOVR	STOCKTON CA	110.8	LIC	BLCDT	-20050516ANE
25	KOVR	STOCKTON CA	110.8	PLN	DTVPLN	-DTVVP0911
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	-DTVVP0943
27	KUCO-LP	CHICO CA	84.6	LIC	BLTTL	-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	BLTTL	-19970213JG
28	KBVU	EUREKA CA	249.5	CP MOD	BMPCDT	-20051220AIY
28	KBVU	EUREKA CA	249.6	PLN	DTVPLN	-DTVVP1023
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	KMMW-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	-DTVVP1025
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	-DTVVP1172
35	KCRA-TV	SACRAMENTO CA	108.3	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	108.3	PLN	DTVPLN	-DTVVP1280
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	-DTVVP1527
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
42	NEW-LD	NAPA CA	93.0	APP	USERRECORD-01	

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.
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	-DTVVP0747
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	-DTVVP0911

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 52)

25	KOVR	STOCKTON CA	102.2	CP	BPCDT	-20080620ABM
25	KQET	WATSONVILLE CA	132.4	PLN	DTVPLN	-DTVP0912
25	KQET	WATSONVILLE CA	132.4	APP	BFCFET	-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	-DTVP0943
27	KEXT-CA	MODESTO CA	98.1	CP	BDFCDTA	-20080804AER
27	KYMB-LD	MONTEREY CA	138.5	LIC	BLDTH	-20090423AAH
27	KTSF	SAN FRANCISCO CA	0.1	CP	BPCDT	-20080620ALV
27	KTSF	SAN FRANCISCO CA	0.1	PLN	DTVPLN	-DTVP0983
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	-DTVP1023
28	K28DB-D	FALL RIVER MILLS CA	377.6	LIC	BLDTH	-20080826AAR
28	K28CY-D	LEWISTON CA	335.6	LIC	BLDTH	-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	BLDTH	-20090518ADI
28	KMPH-TV	VISALIA CA	334.6	LIC	BLCDT	-20030204AGN
28	KMPH-TV	VISALIA CA	334.6	PLN	DTVPLN	-DTVP1025
29	K29AB	MONTEREY, ETC. CA	132.4	APP	BDFCDTH	-20090604AAD
29	K29AB	MONTEREY, ETC. CA	132.4	CP	BDFCDTH	-20060829BHB
29	KPIX-TV	SAN FRANCISCO CA	7.7	LIC	BLCDT	-19990301KF
29	KPIX-TV	SAN FRANCISCO CA	7.7	PLN	DTVPLN	-DTVP1061
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	-DTVP1098
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	-DTVP1127
32	KFTY	SANTA ROSA CA	110.5	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	110.5	PLN	DTVPLN	-DTVP1172
35	KCRA-TV	SACRAMENTO CA	104.7	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	104.7	PLN	DTVPLN	-DTVP1280
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	-DTVP1318
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	-DTVP1530
43	KCSM-TV	SAN MATEO CA	7.7	LIC	BLEDT	-20030822AFZ
42	NEW-LD	NAPA 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 6

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

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 52)

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	-DTVP0747
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	-DTVP0911
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	-DTVP0943
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	-DTVP0983
27	KTSF	SAN FRANCISCO CA	108.9	LIC	BLCDT	-20050131AOD
27	K2TEE	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	-DTVP1023
28	K28DB-D	FALL RIVER MILLS CA	278.3	LIC	BLDTH	-20080826AAR
28	K28CY-D	LEWISTON CA	226.9	LIC	BLDTH	-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	BLDTH	-20090518ADI
28	K28GG	MEDFORD OR	404.9	CP	BDFCDTL	-20090102ACK
29	KMSX-LD	CHICO CA	148.7	LIC	BLDTH	-20080616ADQ
29	KPIX-TV	SAN FRANCISCO CA	101.1	LIC	BLCDT	-19990301KF
29	KPIX-TV	SAN FRANCISCO CA	101.1	PLN	DTVPLN	-DTVP1061
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	-DTVP1098
30	KQED	SAN FRANCISCO CA	101.2	CP	BPEDT	-20080314ACI
32	KFTY	SANTA ROSA CA	2.0	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	2.0	PLN	DTVPLN	-DTVP1172
35	KCRA-TV	SACRAMENTO CA	107.1	CP	BPCDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	107.1	PLN	DTVPLN	-DTVP1280
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	-DTVP1318
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	-DTVP1530
43	KCSM-TV	SAN MATEO CA	101.2	LIC	BLEDT	-20030822AFZ
43	K43AF	UKIAH CA	65.9	LIC	BLTT	-19830125IL
42	NEW-LD	NAPA CA	53.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

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

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 9 of 52)

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 -DTVP0747
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 -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
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 -20090423AAX
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 -DTVP1025
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 -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
43	NEW	SACRAMENTO CA	57.9	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	52.9	APP	BNPEDT -20030922AFV
42	NEW-LD	NAPA 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 8

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

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 10 of 52)

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
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	BDFCDTL -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
42	NEW-LD	NAPA 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 9

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	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

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 11 of 52)

31	KSMS-TV	MONTEREY CA	111.4	PLN	DTVPLN	-DTVPI1127
32	KION-TV	MONTEREY CA	138.0	LIC	BLCDT	-20030604ACO
32	KION-TV	MONTEREY CA	138.0	PLN	DTVPLN	-DTVPI1171
33	KMTP-TV	SAN FRANCISCO CA	110.3	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	110.3	PLN	DTVPLN	-DTVPI1209
34	KGPE	FRESNO CA	172.7	LIC	BLCDT	-20030702ABJ
34	KGPE	FRESNO CA	172.7	PLN	DTVPLN	-DTVPI1241
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	-DTVPI1243
34	KFSF-TV	VALLEJO CA	110.3	LIC	BLCDT	-20030620ABV
34	KFSF-TV	VALLEJO CA	110.3	PLN	DTVPLN	-DTVPI1244
34	KFSF-TV	VALLEJO CA	110.3	CP	BPEDT	-20081031AAE
35	KCRA-TV	SACRAMENTO CA	64.9	CP	BPEDT	-20080208AEM
35	KCRA-TV	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVPI1280
35	KCRA-TV	SACRAMENTO CA	63.4	LIC	BLCDT	-20040122ADR
36	KICU-TV	SAN JOSE CA	64.8	APP	BMPEDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	64.8	PLN	DTVPLN	-DTVPI1318
36	KICU-TV	SAN JOSE CA	64.8	APP	BMPEDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	64.8	CP	BPEDT	-20080311ABL
38	KRON-TV	SAN FRANCISCO CA	110.3	CP MOD	BMPEDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	110.3	PLN	DTVPLN	-DTVPI1357
41	KKPX-TV	SAN JOSE CA	108.8	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	108.8	PLN	DTVPLN	-DTVPI1462
48	KSPX-TV	SACRAMENTO CA	64.9	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	64.9	PLN	DTVPLN	-DTVPI1700
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	-DTVPI1731
49	K42HE	SANTA ROSA CA	139.0	CP	BDISDTL	-20090317ADT
42	NEW-LD	NAPA 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 10

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	BPEDT -20080313ACF
32	KFTY	SANTA ROSA CA	50.7	PLN	DTVPLN -DTVPI1172
33	KMTP-TV	SAN FRANCISCO CA	142.5	CP	BPEDT -20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	142.5	PLN	DTVPLN -DTVPI1209
34	KRJR-LD	SACRAMENTO CA	146.0	CP	BDCCDTL -20061019AFB
35	KKTF-LP	CHICO CA	166.6	LIC	BLTT -20070309ABE
35	KBVQ-LP	EUREKA CA	213.0	LIC	BLTT -20040930BNB
35	KBVQ-LP	EUREKA CA	213.0	CP	BDPCDTL -20060330AFR
35	KCRA-TV	SACRAMENTO CA	159.1	CP	BPEDT -20080208AEM
35	KCRA-TV	SACRAMENTO CA	159.1	PLN	DTVPLN -DTVPI1280
35	KCRA-TV	SACRAMENTO CA	159.2	LIC	BLCDT -20040122ADR
35	K35IY-D	ROGUE RIVER OR	391.2	CP MOD	BMPEDT -20080603AAF

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 12 of 52)

36	KHSL-TV	REDDING CA	198.5	APP	BDRTCT	-20090427ACQ
38	KRON-TV	SAN FRANCISCO CA	142.5	CP MOD	BMPEDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	142.5	PLN	DTVPLN	-DTVPI1357
39	KCNS	SAN FRANCISCO CA	142.5	CP	BPEDT	-20080909ABW
39	KCNS	SAN FRANCISCO CA	142.5	PLN	DTVPLN	-DTVPI1393
39	KCNS	SAN FRANCISCO CA	142.5	LIC	BLCDT	-20060221AES
43	KCSM-TV	SAN MATEO CA	142.5	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	142.5	PLN	DTVPLN	-DTVPI1530
43	KCSM-TV	SAN MATEO CA	142.5	LIC	BLCDT	-20030822AFZ
50	KBIT-LD	CHICO CA	115.9	CP MOD	BMPEDT	-20071009AKX
42	NEW-LD	NAPA 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 11

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	BPEDT -20080313ACF
32	KFTY	SANTA ROSA CA	63.9	PLN	DTVPLN -DTVPI1172
38	K38FQ	REDDING CA	177.7	CP	BDPCDTL -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	BPEDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	161.4	PLN	DTVPLN -DTVPI1393
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	BDPCDTT -20060222AAP
39	K39EF	ASHLAND OR	354.7	CP	BDPCDTL -20090102ACJ
39	K39JO-D	CAVE JUNCTION, ETC. OR	339.2	CP	BDCCDTT -20061030AIP
39	K39DP	KLAMATH FALLS OR	361.6	CP	BDPCDTL -20090102ACG
40	K40HE	REDDING CA	168.0	APP	BDPCDTT -20090508AAR
40	KMMC-LP	SAN FRANCISCO CA	169.0	CP	BDPCDTL -20080801AOG
47	KTLN-TV	NOVATO CA	116.0	CP	BPEDT -19991026ABE
47	KTLN-TV	NOVATO CA	116.0	PLN	DTVPLN -DTVPI1668
54	K54CY	LAKEPORT CA	31.5	LIC	BLTT -19901003IE
42	NEW-LD	NAPA 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 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	KMMC-LP	SAN FRANCISCO CA	BLTT -20040812ABR

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 13 of 52)

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	KFTY	SANTA ROSA CA	110.6	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	110.6	PLN	DTVPLN	-DTVP1172
33	KMTP-TV	SAN FRANCISCO CA	7.7	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	7.8	PLN	DTVPLN	-DTVP1209
36	KICU-TV	SAN JOSE CA	54.7	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	54.7	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	54.7	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	54.7	CP	BPCDT	-20080311ABL
38	KRON-TV	SAN FRANCISCO CA	7.7	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	7.7	PLN	DTVPLN	-DTVP1357
39	K39JM-D	SACRAMENTO CA	177.1	CP	BDCCDTL	-20061030AQX
39	KMMD-LD	SALINAS CA	147.0	CP	BDCCDTL	-20061030AMB
39	KCNS	SAN FRANCISCO CA	7.7	CP	BPCDT	-20080909ABW
39	KCNS	SAN FRANCISCO CA	7.7	PLN	DTVPLN	-DTVP1393
39	KCNS	SAN FRANCISCO CA	7.7	LIC	BLCDT	-20060221AES
40	NEW	CHICO CA	237.7	APP	BNPTTL	-20000830AEH
40	KVPT	FRESNO CA	298.1	LIC	BLEDT	-20040716ACA
40	KVPT	FRESNO CA	298.1	PLN	DTVPLN	-DTVP1424
40	KSCZ-LP	GREENFIELD CA	216.2	APP	BDISTTL	-20051028ACT
40	K40HE	REDDING CA	298.4	APP	BDFCDTT	-20090508AAR
40	KTXL	SACRAMENTO CA	104.2	CP MOD	BMPCDT	-20080620ADJ
40	KTXL	SACRAMENTO CA	104.2	PLN	DTVPLN	-DTVP1425
40	KQRM-LP	SANTA ROSA CA	93.5	CP	BPTTL	-20080505AAE
40	K40JV-D	STATELINE, ETC. CA	249.6	LIC	BLDTT	-20070926ALN
40	K40GA	MINA / LUNING NV	391.7	APP	BDFCDTT	-20090520ACG
41	KOTR-LD	GONZALES CA	147.0	CP	BDCCDTL	-20081205ACL
41	KKPX-TV	SAN JOSE CA	0.1	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	0.1	PLN	DTVPLN	-DTVP1462
43	NEW	SACRAMENTO CA	139.8	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	7.7	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	7.7	PLN	DTVPLN	-DTVP1530
43	KCSM-TV	SAN MATEO CA	7.7	LIC	BLEDT	-20030822AFZ
44	KTVU	OAKLAND CA	7.7	CP	BPCDT	-20080408AEQ
44	KTVU	OAKLAND CA	7.7	PLN	DTVPLN	-DTVP1567
44	KTVU	OAKLAND CA	7.7	APP	BMPCDT	-20080619AIJ
47	KTLLN-TV	NOVATO CA	53.3	CP	BPCDT	-19991026ABE
47	KTLLN-TV	NOVATO CA	53.3	PLN	DTVPLN	-DTVP1668
48	KSPX-TV	SACRAMENTO CA	104.7	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	104.7	PLN	DTVPLN	-DTVP1700
42	NEW-LD	NAPA 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 13

Analysis of current record						
Channel	Call	City/State	Application	Ref. No.		
40	KQRM-LP	SANTA ROSA CA	BLTTL	-20080324AJF		
Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	KFTY	SANTA ROSA CA	18.1	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	18.1	PLN	DTVPLN	-DTVP1172

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 14 of 52)

33	KMTP-TV	SAN FRANCISCO CA	85.7	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	85.7	PLN	DTVPLN	-DTVP1209
36	KICU-TV	SAN JOSE CA	133.1	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	133.1	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	133.1	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	133.1	CP	BPCDT	-20080311ABL
38	KRON-TV	SAN FRANCISCO CA	85.7	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	85.7	PLN	DTVPLN	-DTVP1357
39	K39JM-D	SACRAMENTO CA	106.4	CP	BDCCDTL	-20061030AQX
39	KCNS	SAN FRANCISCO CA	85.7	CP	BPCDT	-20080909ABW
39	KCNS	SAN FRANCISCO CA	85.7	PLN	DTVPLN	-DTVP1393
39	KCNS	SAN FRANCISCO CA	85.7	LIC	BLCDT	-20060221AES
40	NEW	CHICO CA	166.0	APP	BNPTTL	-20000803ABA
40	KVPT	FRESNO CA	356.3	LIC	BLEDT	-20040716ACA
40	KVPT	FRESNO CA	356.3	PLN	DTVPLN	-DTVP1424
40	KSCZ-LP	GREENFIELD CA	297.1	APP	BDISTTL	-20051028ACT
40	K40HE	REDDING CA	213.1	APP	BDFCDTT	-20090508AAR
40	K40HE	REDDING CA	238.8	LIC	BLTT	-20050323ADG
40	KTXL	SACRAMENTO CA	104.1	CP MOD	BMPCDT	-20080620ADJ
40	KTXL	SACRAMENTO CA	104.1	PLN	DTVPLN	-DTVP1425
40	KMMC-LP	SAN FRANCISCO CA	93.5	CP	BDFCDTL	-20080801AOG
40	KMMC-LP	SAN FRANCISCO CA	93.5	LIC	BLTTL	-20040812ABR
40	K40JV-D	STATELINE, ETC. CA	232.1	LIC	BLDTT	-20070926ALN
40	K40GA	MINA / LUNING NV	401.6	APP	BDFCDTT	-20090520ACG
41	KKPX-TV	SAN JOSE CA	93.4	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	93.4	PLN	DTVPLN	-DTVP1462
43	NEW	SACRAMENTO CA	130.6	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	85.7	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	85.7	PLN	DTVPLN	-DTVP1530
43	KCSM-TV	SAN MATEO CA	85.7	LIC	BLEDT	-20030822AFZ
44	KTVU	OAKLAND CA	85.7	CP	BPCDT	-20080408AEQ
44	KTVU	OAKLAND CA	85.7	PLN	DTVPLN	-DTVP1567
44	KTVU	OAKLAND CA	85.7	APP	BMPCDT	-20080619AIJ
47	KTLLN-TV	NOVATO CA	40.3	CP	BPCDT	-19991026ABE
47	KTLLN-TV	NOVATO CA	40.3	PLN	DTVPLN	-DTVP1668
48	KSPX-TV	SACRAMENTO CA	105.6	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	105.6	PLN	DTVPLN	-DTVP1700
42	NEW-LD	NAPA CA	50.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record						
Channel	Call	City/State		Application	Ref. No.	
40	KQRM-LP	SANTA ROSA CA		BPTTL	-20080505AAE	
Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	KFTY	SANTA ROSA CA	18.1	CP	BPCDT	-20080313ACF
32	KFTY	SANTA ROSA CA	18.1	PLN	DTVPLN	-DTVP1172
33	KMTP-TV	SAN FRANCISCO CA	85.7	CP	BPEDT	-20000501AGF
33	KMTP-TV	SAN FRANCISCO CA	85.7	PLN	DTVPLN	-DTVP1209
36	KICU-TV	SAN JOSE CA	133.1	APP	BMPCDT	-20080619AIP
36	KICU-TV	SAN JOSE CA	133.1	PLN	DTVPLN	-DTVP1318
36	KICU-TV	SAN JOSE CA	133.1	APP	BMPCDT	-20080619AIP

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 15 of 52)

36	KICU-TV	SAN JOSE CA	133.1	CP	BPCDT	-20080311ABL
38	KRON-TV	SAN FRANCISCO CA	85.7	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	85.7	PLN	DTVPLN	-DTVPI357
39	K39JM-D	SACRAMENTO CA	106.4	CP	BDCCDTL	-20061030AQX
39	KCNS	SAN FRANCISCO CA	85.7	CP	BPCDT	-20080909ABW
39	KCNS	SAN FRANCISCO CA	85.7	PLN	DTVPLN	-DTVPI393
39	KCNS	SAN FRANCISCO CA	85.7	LIC	BLCDT	-20060221AES
40	NEW	CHICO CA	166.0	APP	BNFTTL	-20000803ABA
40	KVPT	FRESNO CA	356.3	LIC	BLEDT	-20040716ACA
40	KVPT	FRESNO CA	356.3	PLN	DTVPLN	-DTVPI424
40	KSCZ-LP	GREENFIELD CA	297.1	APP	BDISTTL	-20051028ACT
40	K40HE	REDDING CA	213.1	APP	BDPCDTT	-20090508AAR
40	K40HE	REDDING CA	238.8	LIC	BLTT	-20050323ADG
40	KTXL	SACRAMENTO CA	104.1	CP MOD	BMPCDT	-20080620ADJ
40	KTXL	SACRAMENTO CA	104.1	PLN	DTVPLN	-DTVPI425
40	KMMC-LP	SAN FRANCISCO CA	93.5	CP	BDPCDTL	-20080801AOG
40	KMMC-LP	SAN FRANCISCO CA	93.5	LIC	BLTTL	-20040812ABR
40	K40JV-D	STATELINE, ETC. CA	232.1	LIC	BLDTT	-20070926ALN
40	K40GA	MINA / LUNING NV	401.6	APP	BDPCDTT	-20090520ACG
41	KKPX-TV	SAN JOSE CA	93.4	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	93.4	PLN	DTVPLN	-DTVPI462
43	NEW	SACRAMENTO CA	130.6	APP	BNP EDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	85.7	CP	BP EDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	85.7	PLN	DTVPLN	-DTVPI530
43	KCSM-TV	SAN MATEO CA	85.7	LIC	BLEDT	-20030822AFZ
44	KTVU	OAKLAND CA	85.7	CP	BPCDT	-20080408AEQ
44	KTVU	OAKLAND CA	85.7	PLN	DTVPLN	-DTVPI567
44	KTVU	OAKLAND CA	85.7	APP	BMPCDT	-20080619AIJ
47	KTLN-TV	NOVATO CA	40.3	CP	BPCDT	-19991026ABE
47	KTLN-TV	NOVATO CA	40.3	PLN	DTVPLN	-DTVPI668
48	KSPX-TV	SACRAMENTO CA	105.6	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	105.6	PLN	DTVPLN	-DTVPI700
42	NEW-LD	NAPA CA	50.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	KKPX-TV	SAN JOSE CA	BLCDT -20021108ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	KTXL	SACRAMENTO CA	104.1	CP MOD	BMPCDT -20080620ADJ
40	KTXL	SACRAMENTO CA	104.1	PLN	DTVPLN -DTVPI425
42	NEW-LD	NAPA CA	84.2	APP	USERRECORD-01

Total scenarios = 4

Result key: 1

Scenario 1 Affected station 15 KKPX-TV
Before Analysis

Results for: 41A CA SAN JOSE BLCDT 20021108ABD LIC

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 16 of 52)

HAAT 418.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7434000	31173.7
not affected by terrain losses	6437905	25586.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	265311	2241.0
lost to ATV IX only	265311	2241.0
lost to all IX	265311	2241.0

Potential Interfering Stations Included in above Scenario 1

40A CA SACRAMENTO BMPCDT 20080620ADJ CP

After Analysis

Results for: 41A CA SAN JOSE BLCDT 20021108ABD LIC

HAAT 418.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7434000	31173.7
not affected by terrain losses	6437905	25586.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	272964	2371.5
lost to ATV IX only	272964	2371.5
lost to all IX	272964	2371.5

Potential Interfering Stations Included in above Scenario 1

40A CA SACRAMENTO BMPCDT 20080620ADJ CP
42A CA NAPA USERRECORD01 APP

Percent new IX = 0.1240%

Worst case new IX 0.1240% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	K41AF	UKIAH CA	BLTT -19830125IM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	K40HE	REDDING CA	168.0	APP	BDPCDTT -20090508AAR
40	KMMC-LP	SAN FRANCISCO CA	169.0	CP	BDPCDTL -20080801AOG
41	KTFE-LP	FRESNO CA	392.7	CP	BDPCDTL -20080801BCN
41	KOTR-LD	GONZALES CA	314.9	CP	BDCCDTL -20081205ACL
41	KRHT-LP	REDDING CA	177.6	LIC	BLTTL -20090312ACS
41	KKPX-TV	SAN JOSE CA	169.0	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	169.0	PLN	DTVPLN -DTVPI462
41	KNVV-LP	RENO NV	277.2	LIC	BLTTL -20010829ABA
41	K41KJ-D	BROOKINGS OR	341.3	CP MOD	BMPD TT -20080528ABI
41	K41KL-D	GLENDALE, ETC. OR	387.8	CP MOD	BMPD TT -20080528ACT
41	K41ID	KLAMATH FALLS OR	353.4	CP	BDPCDTL -20061102AAP
41	K41KK-D	WILLIAMS OR	339.4	CP	BDCCDTT -20061030AHE
42	KMSX-LD	SACRAMENTO CA	183.4	CP	BDISDTL -20090210ABO
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	169.0	CP	BDCCDTL -20060928AHY
42	K42HE	UKIAH CA	45.9	LIC	BLTTL -20081222ABC

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 17 of 52)

42 NEW-LD NAPA CA 117.3 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KQXS-LP	CAL - OREGON CA	BLTTL	-20070730ABL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	K41JB	YREKA CA	44.7	LIC	BLTT	-20050803AAV
41	K41KJ-D	BROOKINGS OR	188.6	CP MOD	BMPDPT	-20080528ABI
41	K41KL-D	GLENDALE, ETC. OR	168.0	CP MOD	BMPDPT	-20080528ACT
41	K41ID	KLAMATH FALLS OR	94.9	CP	BDFCDTL	-20061102AAP
41	K41KK-D	WILLIAMS OR	127.6	CP	BDCDDTL	-20061030AHH
42	K42HJ	CHICO CA	184.1	CP	BNPTTL	-20000828BHP
42	K42HL	OROVILLE CA	199.9	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	199.9	APP	BSTA	-20060310AAZ
42	KMSX-LD	SACRAMENTO CA	275.4	CP	BDISDTL	-20090210ABO
42	K42GV	SUSANVILLE, ETC. CA	185.4	LIC	BLTTL	-20070620AEA
42	K42HK-D	COTTAGE GROVE OR	277.5	LIC	BLDPT	-20090330AAM
42	KSYS	JACKSONVILLE OR	113.8	APP	BDRTET	-20090108AGB
42	K69AM	POWERS OR	231.9	CP	BDISDTT	-20090211ADL
43	NEW	EUREKA CA	199.7	APP	BSFDTL	-20060630BQG
43	NEW	EUREKA CA	172.6	APP	BSFDTL	-20060630BBA
43	K69IE	EUREKA CA	163.8	CP MOD	BMPDPT	-20081031AAM
42	NEW-LD	NAPA CA	329.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KQXS-LP	CAL - OREGON CA	BPTTL	-20090123ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	K41KJ-D	BROOKINGS OR	184.4	CP MOD	BMPDPT	-20080528ABI
41	K41KL-D	GLENDALE, ETC. OR	169.7	CP MOD	BMPDPT	-20080528ACT
41	K41ID	KLAMATH FALLS OR	105.4	CP	BDFCDTL	-20061102AAP
41	K41KK-D	WILLIAMS OR	127.4	CP	BDCDDTL	-20061030AHH
42	K42HJ	CHICO CA	178.8	CP	BNPTTL	-20000828BHP
42	K42HL	OROVILLE CA	195.9	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	195.9	APP	BSTA	-20060310AAZ
42	KMSX-LD	SACRAMENTO CA	272.1	CP	BDISDTL	-20090210ABO
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	400.9	CP	BDCDDTL	-20060928AHY
42	K42GV	SUSANVILLE, ETC. CA	188.8	LIC	BLTTL	-20070620AEA
42	K42HK-D	COTTAGE GROVE OR	282.8	LIC	BLDPT	-20090330AAM
42	KSYS	JACKSONVILLE OR	117.7	APP	BDRTET	-20090108AGB

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 18 of 52)

42	K69AM	POWERS OR	232.2	CP	BDISDTT	-20090211ADL
43	NEW	EUREKA CA	189.0	APP	BSFDTL	-20060630BQG
43	NEW	EUREKA CA	162.3	APP	BSFDTL	-20060630BBA
43	K69IE	EUREKA CA	153.2	CP MOD	BMPDPT	-20081031AAM
42	NEW-LD	NAPA CA	322.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42HJ	CHICO CA	BNPTTL	-20000828BHP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KVHF-LP	FRESNO CA	359.8	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	292.0	CP MOD	BMPDPT	-20070927AJO
42	K42HL	OROVILLE CA	29.2	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	29.2	APP	BSTA	-20060310AAZ
42	KQXS-LP	REDDING CA	184.1	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	102.0	CP	BDISDTL	-20090210ABO
42	KTUU	SAN JOSE CA	249.7	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	234.2	CP	BDCDDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	248.4	APP	BMPDPT	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	248.4	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	248.4	APP	BMPDPT	-20090114ABH
42	K42GV	SUSANVILLE, ETC. CA	145.1	LIC	BLTTL	-20070620AEA
42	K42HE	UKIAH CA	170.5	LIC	BLTTL	-20081222ABC
42	K42IL	VERDI NV	159.0	LIC	BLTT	-20071211ABP
42	KSYS	JACKSONVILLE OR	296.3	APP	BDRTET	-20090108AGB
42	K69AM	POWERS OR	402.2	CP	BDISDTT	-20090211ADL
43	KHSL-TV	CHICO CA	25.7	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	25.8	PLN	DTVPLN	-DTVPI527
43	KHSL-TV	CHICO CA	25.7	LIC	BLCDT	-20060315AEZ
42	NEW-LD	NAPA CA	150.9	APP	USERRECORD-01	

Total scenarios = 3

Result key: 5

Scenario 1 Affected station 19 K42HJ
Before Analysis

Results for: 42N CA CHICO	BNPTTL	20000828BHP	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	94891	801.7	
not affected by terrain losses	94887	795.7	
lost to NTSC IX	91748	674.5	
lost to additional IX by ATV	0	0.0	
lost to all IX	91748	674.5	

Potential Interfering Stations Included in above Scenario 1

42N CA OROVILLE BLTT 20060907AAG LIC

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 19 of 52)

After Analysis

Results for: 42N CA CHICO	BNPTTL	20000828BHP	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	94891	801.7	
not affected by terrain losses	94887	795.7	
lost to NTSC IX	91748	674.5	
lost to additional IX by ATV	0	0.0	
lost to all IX	91748	674.5	

Potential Interfering Stations Included in above Scenario 1

42N CA OROVILLE	BLTT	20060907AAG	LIC
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KSCZ-LP	COALINGA CA	BLTT -19950912IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KGPE	FRESNO CA	121.7	LIC	BLCDT -20030702ABJ
34	KGPE	FRESNO CA	121.7	PLN	DTVPLN -DTVP1241
34	KTAS	SAN LUIS OBISPO CA	107.5	LIC	BLCDT -20070222AAX
34	KTAS	SAN LUIS OBISPO CA	107.5	PLN	DTVPLN -DTVP1243
38	KSEE	FRESNO CA	121.6	LIC	BLCDT -20050914AAZ
38	KSEE	FRESNO CA	121.6	PLN	DTVPLN -DTVP1355
40	KVPT	FRESNO CA	111.5	LIC	BLEDT -20040716ACA
40	KVPT	FRESNO CA	111.5	PLN	DTVPLN -DTVP1424
41	KDBK-LP	CALIENTE CA	188.4	APP	BDFCDTL -20090611ACV
41	KTFF-LP	FRESNO CA	121.6	CP	BDFCDTL -20080801BCN
41	KOTR-LD	GONZALES CA	111.8	CP	BDCCDTL -20081205ACL
41	KMMA-CA	SAN LUIS OBISPO CA	107.5	CP	BDFCDTA -20081110AJG
41	NEW	SANTA MARIA CA	157.3	APP	BDCCDTL -20081215ABR
42	KZKC-LP	BAKERSFIELD CA	178.1	CP	BDFCDTL -20061122AEA
42	KZKC-LP	BAKERSFIELD CA	178.1	LIC	BLTTL -20050428AAC
42	KVHF-LP	FRESNO CA	121.6	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	180.6	CP MOD	BMPDTL -20070927AJO
42	KWHY-TV	LOS ANGELES CA	315.0	LIC	BLCDT -20060629AFB
42	KWHY-TV	LOS ANGELES CA	315.0	PLN	DTVPLN -DTVP1491
42	KMSX-LD	SACRAMENTO CA	311.1	CP	BDISDTL -20090210ABO
42	KTUV	SAN JOSE CA	185.0	APP	BDRTCT -20090529AKX
42	KSBO-CA	SAN LUIS OBISPO CA	107.5	LIC	BLTTL -19980902JA
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	236.9	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	186.1	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	186.1	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	186.1	APP	BMPDTL -20090114ABH
42	K42EK	ROUND MOUNTAIN NV	386.3	APP	BDPCDTT -20090518ACH
43	KGMC	CLOVIS CA	111.4	PLN	DTVPLN -DTVP1528
43	KGMC	CLOVIS CA	121.6	CP MOD	BMPCDT -20080620AAE
43	NEW	SANTA MARIA CA	157.3	APP	BSFDTL -20060630CKC

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 20 of 52)

43	NEW	SANTA MARIA CA	163.5	APP	BSFDTL	-20060630BVO
50	KNXT	VISALIA CA	140.2	LIC	BLEDT	-20060706AFB
50	KNXT	VISALIA CA	140.2	PLN	DTVPLN	-DTVP1763
42	NEW-LD	NAPA CA	276.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KVHF-LP	FRESNO CA	BDISDTL -20090108AOE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KDBK-LP	CALIENTE CA	195.1	APP	BDFCDTL -20090611ACV
41	KTFF-LP	FRESNO CA	0.1	CP	BDFCDTL -20080801BCN
41	KTFF-LP	FRESNO CA	0.1	LIC	BLTTL -20020722AAJ
41	KOTR-LD	GONZALES CA	203.7	CP	BDCCDTL -20081205ACL
41	KMMA-CA	SAN LUIS OBISPO CA	219.8	CP	BDFCDTA -20081110AJG
42	KZKC-LP	BAKERSFIELD CA	192.1	CP	BDFCDTL -20061122AEA
42	KSCZ-LP	COALINGA CA	121.6	LIC	BLTT -19950912IC
42	KBKF-LD	GLEN ARBOR CA	241.6	CP MOD	BMPDTL -20070927AJO
42	KWHY-TV	LOS ANGELES CA	341.2	LIC	BLCDT -20060629AFB
42	KWHY-TV	LOS ANGELES CA	341.2	PLN	DTVPLN -DTVP1491
42	KMSX-LD	SACRAMENTO CA	259.2	CP	BDISDTL -20090210ABO
42	KTUV	SAN JOSE CA	220.2	APP	BDRTCT -20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	273.8	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	220.9	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	220.9	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	220.9	APP	BMPDTL -20090114ABH
42	K42EK	ROUND MOUNTAIN NV	265.4	APP	BDPCDTT -20090518ACH
43	KGMC	CLOVIS CA	38.8	PLN	DTVPLN -DTVP1528
43	KGMC	CLOVIS CA	0.0	CP MOD	BMPCDT -20080620AAE
43	K43GS	MINA / LUNING NV	190.5	APP	BDFCDTT -20090520ACF
42	NEW-LD	NAPA CA	277.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KBKF-LD	GLEN ARBOR CA	BMPDTL -20070927AJO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KOTR-LD	GONZALES CA	80.8	CP	BDCCDTL -20081205ACL
41	KKPX-TV	SAN JOSE CA	67.5	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	67.5	PLN	DTVPLN -DTVP1462
42	KZKC-LP	BAKERSFIELD CA	358.6	CP	BDFCDTL -20061122AEA
42	KVHF-LP	FRESNO CA	241.6	CP	BDISDTL -20090108AOE
42	KMSX-LD	SACRAMENTO CA	239.9	CP	BDISDTL -20090210ABO
42	KTUV	SAN JOSE CA	48.0	APP	BDRTCT -20090529AKX

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 21 of 52)

42	KAXT-LD	SANTA CLARA-SAN JOSE CA	67.5	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	48.9	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	48.9	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	48.9	APP	BMPDTL	-20090114ABH
43	KCSM-TV	SAN MATEO CA	75.1	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	75.1	PLN	DTVPLN	-DTV1530
43	KCSM-TV	SAN MATEO CA	75.1	LIC	BLEDT	-20030822AFZ
42	NEW-LD	NAPA CA	141.9	APP	USERRECORD-01	

Total scenarios = 54

Result key: 8
Scenario 1 Affected station 22 KBKF-LD
Before Analysis

Results for: 42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
HAAT 1.0 m, ATV ERP 15.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2407186	3598.9	
not affected by terrain losses	115616	1698.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	9811	73.6	
lost to ATV IX only	9811	73.6	
lost to all IX	9811	73.6	

Potential Interfering Stations Included in above Scenario 1

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA SANTA CLARA-SAN JOSE	BDCCDTL	20060928AHY	CP
43A CA SAN MATEO	BPEDT	20080825AAV	CP

After Analysis

Results for: 42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
HAAT 1.0 m, ATV ERP 15.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2407186	3598.9	
not affected by terrain losses	115616	1698.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	9813	77.6	
lost to ATV IX only	9813	77.6	
lost to all IX	9813	77.6	

Potential Interfering Stations Included in above Scenario 1

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA SANTA CLARA-SAN JOSE	BDCCDTL	20060928AHY	CP
43A CA SAN MATEO	BPEDT	20080825AAV	CP
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.0019%

Worst case new IX 0.0019% Scenario 1

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Analysis of Interference to Affected Station 23

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 22 of 52)

Analysis of current record			
Channel 42	Call K42HL	City/State OROVILLE CA	Application Ref. No. BLTT -20060907AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	K42HJ	CHICO CA	29.2	CP	BNPTTL -20000828BHP
42	KVHF-LP	FRESNO CA	336.7	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	287.5	CP MOD	BMPDTL -20070927AJ0
42	KQX-LP	REDDING CA	199.9	CP	BDFCDTL -20061206AFH
42	KMSX-LD	SACRAMENTO CA	77.5	CP	BDISDTL -20090210ABO
42	KTVU	SAN JOSE CA	243.0	APP	BDRTCT -20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	234.0	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	241.8	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	241.8	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	241.8	APP	BMPDTL -20090114ABH
42	K42GV	SUSANVILLE, ETC. CA	129.1	LIC	BLTTL -20070620AEA
42	K42HE	UKIAH CA	187.5	LIC	BLTTL -20081222ABC
42	K42EK	ROUND MOUNTAIN NV	406.2	APP	BDFCDTT -20090518ACH
42	K42IL	VERDI NV	130.7	LIC	BLTT -20071211ABP
42	KSYS	JACKSONVILLE OR	313.4	APP	BDRTET -20090108AGB
43	KHSL-TV	CHICO CA	40.3	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	40.3	PLN	DTVPLN -DTV1527
43	KHSL-TV	CHICO CA	40.3	LIC	BLCDT -20060315AEZ
43	NEW	SACRAMENTO CA	124.9	APP	BNPEDT -20030922AFW
44	KRXI-TV	RENO NV	131.6	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	131.6	PLN	DTVPLN -DTV1587
44	KRXI-TV	RENO NV	131.6	APP	BPCDT -20080619AIG
42	NEW-LD	NAPA CA	149.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 62
Scenario 1 Affected station 23 K42HL
Before Analysis

Results for: 42N CA OROVILLE	BLTT	20060907AAG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93982	2321.7	
not affected by terrain losses	83330	2071.1	
lost to NTSC IX	55756	947.2	
lost to additional IX by ATV	1184	22.7	
lost to all IX	56940	969.9	

Potential Interfering Stations Included in above Scenario 1

42N CA CHICO	BNPTTL	20000828BHP	CP
42A CA SACRAMENTO	BDISDTL	20090210ABO	CP
43A CA CHICO	DTVPLN	DTV1527	PLN

After Analysis

Results for: 42N CA OROVILLE	BLTT	20060907AAG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93982	2321.7	
not affected by terrain losses	83330	2071.1	
lost to NTSC IX	55756	947.2	
lost to additional IX by ATV	1865	43.4	
lost to all IX	57621	990.6	

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 23 of 52)

Potential Interfering Stations Included in above Scenario 1

42N CA CHICO	BNPTTL	20000828BHP	CP
42A CA SACRAMENTO	BDISDTL	20090210ABO	CP
43A CA CHICO	DTVPLN	DTVP1527	PLN
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.7246%

Worst case new IX 0.7246% Scenario 1

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42HL	OROVILLE/PARADISE CA	BSTA	-20060310AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	K42HJ	CHICO CA	29.2	CP	BNPTTL	-20000828BHP
42	KVHF-LP	FRESNO CA	336.7	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	287.5	CP MOD	BMPDTL	-20070927AJO
42	KQSX-LP	REDDING CA	199.9	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	77.5	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	243.0	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	234.0	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	241.8	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	241.8	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	241.8	APP	BMPDTL	-20090114ABH
42	K42GV	SUSANVILLE, ETC. CA	129.1	LIC	BLTTL	-20070620AEA
42	K42HE	UKIAH CA	187.5	LIC	BLTTL	-20081222ABC
42	K42EK	ROUND MOUNTAIN NV	406.2	APP	BDFCDTT	-20090518ACH
42	K42IL	VERDI NV	130.7	LIC	BLTT	-20071211ABP
42	KSYS	JACKSONVILLE OR	313.4	APP	BDRTET	-20090108AGB
43	KHSL-TV	CHICO CA	40.3	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	40.3	PLN	DTVPLN	-DTVP1527
43	KHSL-TV	CHICO CA	40.3	LIC	BLCDT	-20060315AEZ
43	NEW	SACRAMENTO CA	124.9	APP	BNPEDT	-20030922AFW
44	KRXI-TV	RENO NV	131.6	LIC	BLCDT	-20060707ACZ
44	KRXI-TV	RENO NV	131.6	PLN	DTVPLN	-DTVP1587
44	KRXI-TV	RENO NV	131.6	APP	BPCDT	-20080619AIG
42	NEW-LD	NAPA CA	149.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 64

Scenario 1 Affected station 24 K42HL
Before Analysis

Results for: 42N CA OROVILLE/PARADISE BSTA 20060310AAZ APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	93982	2321.7
not affected by terrain losses	83330	2071.1
lost to NTSC IX	55756	947.2
lost to additional IX by ATV	1184	22.7

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 24 of 52)

lost to all IX 56940 969.9

Potential Interfering Stations Included in above Scenario 1

42N CA CHICO	BNPTTL	20000828BHP	CP
42A CA SACRAMENTO	BDISDTL	20090210ABO	CP
43A CA CHICO	DTVPLN	DTVP1527	PLN

After Analysis

Results for: 42N CA OROVILLE/PARADISE BSTA 20060310AAZ APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	93982	2321.7
not affected by terrain losses	83330	2071.1
lost to NTSC IX	55756	947.2
lost to additional IX by ATV	1865	43.4
lost to all IX	57621	990.6

Potential Interfering Stations Included in above Scenario 1

42N CA CHICO	BNPTTL	20000828BHP	CP
42A CA SACRAMENTO	BDISDTL	20090210ABO	CP
43A CA CHICO	DTVPLN	DTVP1527	PLN
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.7246%

Worst case new IX 0.7246% Scenario 1

#####

Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KQSX-LP	REDDING CA	BDFCDTL	-20061206AFH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	K41KJ-D	BROOKINGS OR	188.6	CP MOD	BMPDTT	-20080528ABI
41	K41KL-D	GLENDALE, ETC. OR	168.0	CP MOD	BMPDTT	-20080528ACT
41	K41ID	KLAMATH FALLS OR	94.9	CP	BDFCDTL	-20061102AAP
41	K41KK-D	WILLIAMS OR	127.6	CP	BDCCDTT	-20061030AHB
42	KMSX-LD	SACRAMENTO CA	275.4	CP	BDISDTL	-20090210ABO
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	408.5	CP	BDCCDTL	-20060928AHY
42	K42GV	SUSANVILLE, ETC. CA	185.4	LIC	BLTTL	-20070620AEA
42	K42HK-D	COTTAGE GROVE OR	277.5	LIC	BLDTT	-20090330AAM
42	KSYS	JACKSONVILLE OR	113.8	APP	BDRTET	-20090108AGB
42	K69AM	POWERS OR	231.9	CP	BDISDTT	-20090211ADL
43	NEW	EUREKA CA	199.7	APP	BSFDTL	-20060630BQG
43	NEW	EUREKA CA	172.6	APP	BSFDTL	-20060630BBA
43	K69IE	EUREKA CA	163.8	CP MOD	BMPDTL	-20081031AAM
42	NEW-LD	NAPA CA	329.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 25 of 52)

Analysis of current record
Channel Call City/State Application Ref. No.
42 KMSX-LD SACRAMENTO CA BDISDTL -20090210ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	K42HJ	CHICO CA	102.0	CP	BNPTTL -20000828BHP
42	KVHF-LP	FRESNO CA	259.2	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	239.9	CP MOD	BMPDTL -20070927AJO
42	K42HL	OROVILLE CA	77.5	LIC	BLTT -20060907AAG
42	K42HL	OROVILLE/PARADISE CA	77.5	APP	BSTA -20060310AAZ
42	KQSX-LP	REDDING CA	275.4	CP	BDFCDTL -20061206AFH
42	KTVU	SAN JOSE CA	192.3	APP	BDRTCT -20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	199.6	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	191.3	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	191.3	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	191.3	APP	BMPDTL -20090114ABH
42	K42GV	SUSANVILLE, ETC. CA	161.9	LIC	BLTTTL -20070620AEA
42	K42EK	ROUND MOUNTAIN NV	349.9	APP	BDFCDTT -20090518ACH
42	K42IL	VERDI NV	105.1	LIC	BLTT -20071211ABP
42	KSYS	JACKSONVILLE OR	389.2	APP	BDRTET -20090108AGB
43	KHSL-TV	CHICO CA	117.8	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	117.8	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	117.8	LIC	BLCDT -20060315AEZ
43	NEW	SACRAMENTO CA	49.6	APP	BNPEDT -20030922AFV
43	NEW	SACRAMENTO CA	70.9	APP	BNPEDT -20030922AFV
42	NEW-LD	NAPA CA	123.3	APP	USERRECORD-01

Total scenarios = 5

Result key: 66
Scenario 1 Affected station 26 KMSX-LD
Before Analysis

Results for: 42A CA SACRAMENTO BDISDTL 20090210ABO CP
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	75024	691.4
not affected by terrain losses	62433	588.1
lost to NTSC IX	3474	12.9
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	3474	12.9

Potential Interfering Stations Included in above Scenario 1

42N CA CHICO	BNPTTL	20000828BHP	CP
42N CA OROVILLE	BLTT	20060907AAG	LIC

After Analysis

Results for: 42A CA SACRAMENTO BDISDTL 20090210ABO CP
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	75024	691.4
not affected by terrain losses	62433	588.1
lost to NTSC IX	3474	12.9
lost to additional IX by ATV	203	15.9

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 26 of 52)

lost to ATV IX only	3469	25.8
lost to all IX	3677	28.8

Potential Interfering Stations Included in above Scenario 1

42N CA CHICO	BNPTTL	20000828BHP	CP
42N CA OROVILLE	BLTT	20060907AAG	LIC
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.3443%

Worst case new IX 0.3443% Scenario 1

#####

Analysis of Interference to Affected Station 27

Analysis of current record
Channel Call City/State Application Ref. No.
42 KTVU SAN JOSE CA BDRTCT -20090529AKX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KTFE-LP	FRESNO CA	220.3	CP	BDFCDTL -20080801BCN
41	KOTR-LD	GONZALES CA	108.2	CP	BDCCDTL -20081205ACL
41	KKFX-TV	SAN JOSE CA	54.7	LIC	BLCDT -20021108ABD
41	KKFX	SAN JOSE CA	54.7	PLN	DTVPLN -DTVP1462
42	KZKC-LP	BAKERSFIELD CA	360.5	CP	BDFCDTL -20061122AEA
42	KVHF-LP	FRESNO CA	220.2	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	48.0	CP MOD	BMPDTL -20070927AJO
42	KMSX-LD	SACRAMENTO CA	192.3	CP	BDISDTL -20090210ABO
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	54.7	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	1.3	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	1.3	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	1.3	APP	BMPDTL -20090114ABH
43	NEW	SACRAMENTO CA	123.3	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	59.5	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	59.5	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	59.5	LIC	BLEDT -20030822AFZ
42	NEW-LD	NAPA CA	103.3	APP	USERRECORD-01

Total scenarios = 30

Result key: 72
Scenario 2 Affected station 27 KTVU
Before Analysis

Results for: 42A CA SAN JOSE BDRTCT 20090529AKX APP
HAAT 1.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3368774	6379.8
not affected by terrain losses	3181259	4900.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	183400	423.2
lost to ATV IX only	183400	423.2
lost to all IX	183400	423.2

Potential Interfering Stations Included in above Scenario 2

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 27 of 52)

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA FRESNO	BDISDTL	20090108AOE	CP
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
42A CA SANTA CLARA-SAN JOSE	BDCCDTL	20060928AHY	CP
43A CA SAN MATEO	DTVPLN	DTVP1530	PLN

After Analysis

Results for: 42A CA SAN JOSE BDR TCT 20090529AKX APP

HAAT 1.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3368774	6379.8
not affected by terrain losses	3181259	4900.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	186684	440.1
lost to ATV IX only	186684	440.1
lost to all IX	186684	440.1

Potential Interfering Stations Included in above Scenario 2

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA FRESNO	BDISDTL	20090108AOE	CP
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
42A CA SANTA CLARA-SAN JOSE	BDCCDTL	20060928AHY	CP
43A CA SAN MATEO	DTVPLN	DTVP1530	PLN
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.1095%

Worst case new IX 0.1095% Scenario 2

#####

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KSBO-CA	SAN LUIS OBISPO CA	BLTTL -19980902JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KTAS	SAN LUIS OBISPO CA	0.0	LIC	BLCDT -20070222AAX
34	KTAS	SAN LUIS OBISPO CA	0.0	PLN	DTVPLN -DTVP1243
41	KDBK-LP	CALIENTE CA	187.1	APP	BD FCDTL -20090611ACV
41	KOTR-LD	GONZALES CA	156.7	CP	BDCCDTL -20081205ACL
41	KMMA-CA	SAN LUIS OBISPO CA	0.0	CP	BDISTTA -20080804ACH
41	KMMA-CA	SAN LUIS OBISPO CA	0.0	CP	BD FCDTA -20081110AJG
41	KVMM-CA	SANTA BARBARA CA	133.6	CP	BD FCDTA -20080804ACQ
41	NEW	SANTA MARIA CA	51.7	APP	BDCCDTL -20081215ABR
42	KZKC-LP	BAKERSFIELD CA	173.7	CP	BD FCDTL -20061122AEA
42	KZKC-LP	BAKERSFIELD CA	173.7	LIC	BLTTL -20050428AAC
42	KSCZ-LP	COALINGA CA	107.5	LIC	BLTTL -19950912IC
42	KVHF-LP	FRESNO CA	219.8	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	237.5	CP MOD	BMPDTL -20070927AJ0
42	KWHY-TV	LOS ANGELES CA	269.0	LIC	BLCDT -20060629AFB
42	KWHY-TV	LOS ANGELES CA	269.0	PLN	DTVPLN -DTVP1491
42	KTVU	SAN JOSE CA	260.1	APP	BDR TCT -20090529AKX

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 28 of 52)

42	KAXT-LD	SANTA CLARA-SAN JOSE CA	303.5	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	261.4	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	261.4	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	261.4	APP	BMPDTL	-20090114ABH
43	NEW	SANTA MARIA CA	51.7	APP	BSFDTL	-20060630CKC
43	NEW	SANTA MARIA CA	63.5	APP	BSFDTL	-20060630BVO
57	K57BC	SAN LUIS OBISPO,ETC. CA	0.0	LIC	BLTT	-19781027IA
42	NEW-LD	NAPA 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 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	BDCCDTL -20060928AHY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KOTR-LD	GONZALES CA	147.1	CP	BDCCDTL -20081205ACL
41	KKFX-TV	SAN JOSE CA	0.0	LIC	BLCDT -20021108ABD
41	KKFX	SAN JOSE CA	0.0	PLN	DTVPLN -DTVP1462
42	KZKC-LP	BAKERSFIELD CA	413.7	CP	BD FCDTL -20061122AEA
42	KVHF-LP	FRESNO CA	273.8	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	67.5	CP MOD	BMPDTL -20070927AJ0
42	KQSX-LP	REDDING CA	408.5	CP	BD FCDTL -20061206AFH
42	KMSX-LD	SACRAMENTO CA	199.6	CP	BDISDTL -20090210ABO
42	KTVU	SAN JOSE CA	54.7	APP	BDR TCT -20090529AKX
42	K42HE	UKIAH CA	138.2	LIC	BLTTL -20081222ABC
43	KCSM-TV	SAN MATEO CA	7.7	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	7.7	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	7.7	LIC	BLEDT -20030822AF2
42	NEW-LD	NAPA CA	84.2	APP	USERRECORD-01

Total scenarios = 18

Result key: 101

Scenario 1 Affected station 29 KAXT-LD

Before Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BDCCDTL 20060928AHY CP

HAAT 1.0 m, ATV ERP 0.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	217525	226.9
not affected by terrain losses	217525	226.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	210031	209.0
lost to ATV IX only	210031	209.0
lost to all IX	210031	209.0

Potential Interfering Stations Included in above Scenario 1

41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SAN MATEO	BPEDT	20080825AAV	CP

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 29 of 52)

After Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BDCCDTL 20060928AHY CP
HAAT 1.0 m, ATV ERP 0.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	217525	226.9
not affected by terrain losses	217525	226.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	210031	209.0
lost to ATV IX only	210031	209.0
lost to all IX	210031	209.0

Potential Interfering Stations Included in above Scenario 1

41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SAN MATEO	BPEDT	20080825AAV	CP
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	BMPDTL	-20090526ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	KTFF-LP	FRESNO CA	220.9	CP	BDFCDTL	-20080801BCN
41	KOTR-LD	GONZALES CA	109.5	CP	BDCCDTL	-20081205ACL
41	KKPX-TV	SAN JOSE CA	53.8	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	53.8	PLN	DTVPLN	-DTVPI462
42	KZKC-LP	BAKERSFIELD CA	361.6	CP	BDFCDTL	-20061122AEA
42	KVHF-LP	FRESNO CA	220.9	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	48.9	CP MOD	BMPDTL	-20070927AJ0
42	KMSX-LD	SACRAMENTO CA	191.3	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	1.3	APP	BDRTCT	-20090529AKX
43	NEW	SACRAMENTO CA	122.4	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	58.5	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	58.5	PLN	DTVPLN	-DTVPI1530
43	KCSM-TV	SAN MATEO CA	58.5	LIC	BLEDT	-20030822AFZ
42	NEW-LD	NAPA CA	102.0	APP	USERRECORD-01	

Total scenarios = 18

Result key: 119

Scenario 1 Affected station 30 KAXT-LD

Before Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BMPDTL 20090526ACF APP
HAAT 1.0 m, ATV ERP 12.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3734820	5705.3
not affected by terrain losses	3522115	3893.6

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 30 of 52)

lost to NTSC IX	0	0.0
lost to additional IX by ATV	376153	363.7
lost to ATV IX only	376153	363.7
lost to all IX	376153	363.7

Potential Interfering Stations Included in above Scenario 1

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA FRESNO	BDISDTL	20090108AOE	CP
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
43A CA SAN MATEO	BPEDT	20080825AAV	CP

After Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BMPDTL 20090526ACF APP
HAAT 1.0 m, ATV ERP 12.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3734820	5705.3
not affected by terrain losses	3522115	3893.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	377415	375.6
lost to ATV IX only	377415	375.6
lost to all IX	377415	375.6

Potential Interfering Stations Included in above Scenario 1

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA FRESNO	BDISDTL	20090108AOE	CP
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
43A CA SAN MATEO	BPEDT	20080825AAV	CP
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.0401%

Worst case new IX 0.0401% Scenario 1

#####

Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	BSTA	-20090610ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	KTFF-LP	FRESNO CA	220.9	CP	BDFCDTL	-20080801BCN
41	KOTR-LD	GONZALES CA	109.5	CP	BDCCDTL	-20081205ACL
41	KKPX-TV	SAN JOSE CA	53.8	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	53.8	PLN	DTVPLN	-DTVPI462
42	KZKC-LP	BAKERSFIELD CA	361.6	CP	BDFCDTL	-20061122AEA
42	KVHF-LP	FRESNO CA	220.9	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	48.9	CP MOD	BMPDTL	-20070927AJ0
42	KMSX-LD	SACRAMENTO CA	191.3	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	1.3	APP	BDRTCT	-20090529AKX
43	NEW	SACRAMENTO CA	122.4	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	58.5	CP	BPEDT	-20080825AAV

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 31 of 52)

43	KCSM-TV	SAN MATEO	CA	58.5	PLN	DTVPLN	-DTVP1530
43	KCSM-TV	SAN MATEO	CA	58.5	LIC	BLEDT	-20030822AF2
42	NEW-LD	NAPA	CA	102.0	APP	USERRECORD-01	

Total scenarios = 18

Result key: 137

Scenario 1 Affected station 31 KAXT-LD

Before Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BSTA 20090610ABM APP

HAAT	1.0 m, ATV ERP	12.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			3734820	5705.3
not affected by terrain losses			3522115	3893.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			376153	363.7
lost to ATV IX only			376153	363.7
lost to all IX			376153	363.7

Potential Interfering Stations Included in above Scenario 1

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA FRESNO	BDISDTL	20090108AOE	CP
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
43A CA SAN MATEO	BPEDT	20080825AAV	CP

After Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BSTA 20090610ABM APP

HAAT	1.0 m, ATV ERP	12.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			3734820	5705.3
not affected by terrain losses			3522115	3893.6
lost to NTSC IX			0	0.0
lost to additional IX by ATV			377415	375.6
lost to ATV IX only			377415	375.6
lost to all IX			377415	375.6

Potential Interfering Stations Included in above Scenario 1

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA FRESNO	BDISDTL	20090108AOE	CP
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
43A CA SAN MATEO	BPEDT	20080825AAV	CP
42A CA NAPA	USERRECORD01		APP

Percent new IX = 0.0401%

Worst case new IX 0.0401% Scenario 1

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 32 of 52)

42	KAXT-LD	SANTA CLARA-SAN JOSE	CA	BMPDTL	-20090114ABH
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KTFF-LP	FRESNO CA	220.9	CP	BDFCDTL -20080801BCN
41	KOTR-LD	GONZALES CA	109.5	CP	BDCCDTL -20081205ACL
41	KKPX-TV	SAN JOSE CA	53.8	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	53.8	PLN	DTVPLN -DTVP1462
42	KZKC-LP	BAKERSFIELD CA	361.6	CP	BDFCDTL -20061122AEA
42	KVHF-LP	FRESNO CA	220.9	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	48.9	CP MOD	BMPDTL -20070927AJ0
42	KMSX-LD	SACRAMENTO CA	191.3	CP	BDISDTL -20090210ABO
42	KTVU	SAN JOSE CA	1.3	APP	BDRTCT -20090529AKX
43	NEW	SACRAMENTO CA	122.4	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	58.5	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	58.5	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	58.5	LIC	BLEDT -20030822AF2
42	NEW-LD	NAPA CA	102.0	APP	USERRECORD-01

Total scenarios = 18

Result key: 156

Scenario 2 Affected station 32 KAXT-LD

Before Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BMPDTL 20090114ABH APP

HAAT	1.0 m, ATV ERP	15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			3969252	6001.6
not affected by terrain losses			3712139	4058.7
lost to NTSC IX			0	0.0
lost to additional IX by ATV			372683	391.6
lost to ATV IX only			372683	391.6
lost to all IX			372683	391.6

Potential Interfering Stations Included in above Scenario 2

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
43A CA SAN MATEO	DTVPLN	DTVP1530	PLN

After Analysis

Results for: 42A CA SANTA CLARA-SAN JOSE BMPDTL 20090114ABH APP

HAAT	1.0 m, ATV ERP	15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			3969252	6001.6
not affected by terrain losses			3712139	4058.7
lost to NTSC IX			0	0.0
lost to additional IX by ATV			373844	400.5
lost to ATV IX only			373844	400.5
lost to all IX			373844	400.5

Potential Interfering Stations Included in above Scenario 2

41A CA GONZALES	BDCCDTL	20081205ACL	CP
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA GLEN ARBOR	BMPDTL	20070927AJ0	CP
43A CA SAN MATEO	DTVPLN	DTVP1530	PLN
42A CA NAPA	USERRECORD01		APP

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 33 of 52)

Percent new IX = 0.0348%

Worst case new IX 0.0348% Scenario 2

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42GV	SUSANVILLE, ETC. CA	BLTTL	-20070620AEA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	K41GI-D	IMLAY NV	181.4	LIC	BLDTT	-20070403ABD
42	K42HJ	CHICO CA	145.1	CP	BNPTTL	-20000828BHP
42	KVHF-LP	FRESNO CA	383.4	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	401.1	CP MOD	BMPDTL	-20070927AJO
42	K42HL	OROVILLE CA	129.1	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	129.1	APP	BSTA	-20060310AAZ
42	KQSX-LP	REDDING CA	185.4	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	161.9	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	353.8	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	355.2	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	352.8	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	352.8	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	352.8	APP	BMPDTL	-20090114ABH
42	K42EK	ROUND MOUNTAIN NV	361.0	APP	BDPCDTT	-20090518ACH
42	K42IL	VERDI NV	103.0	LIC	BLTT	-20071211ABP
42	KSYS	JACKSONVILLE OR	286.6	APP	BDRTET	-20090108AGB
43	KHSL-TV	CHICO CA	127.3	CP	BPCDT	-20070124AKD
43	KHSL-TV	CHICO CA	127.3	PLN	DTVPLN	-DTVP1527
43	KHSL-TV	CHICO CA	127.3	LIC	BLCDT	-20060315AEZ
44	KRXI-TV	RENO NV	102.1	LIC	BLCDT	-20060707ACZ
44	KRXI-TV	RENO NV	102.1	PLN	DTVPLN	-DTVP1587
44	KRXI-TV	RENO NV	102.1	APP	BPCDT	-20080619AIG
42	NEW-LD	NAPA CA	272.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42HE	UKIAH CA	BLTTL	-20081222ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KFSF-TV	VALLEJO CA	131.0	LIC	BLCDT	-20030620ABV
34	KFSF-TV	VALLEJO CA	131.0	PLN	DTVPLN	-DTVP1244
34	KFSF-TV	VALLEJO CA	131.0	CP	BPCDT	-20081031AAE
38	KRON-TV	SAN FRANCISCO CA	131.0	CP MOD	BMPCDT	-20080619AFU
38	KRON-TV	SAN FRANCISCO CA	131.0	PLN	DTVPLN	-DTVP1357
39	KCNS	SAN FRANCISCO CA	131.0	CP	BPCDT	-20080909ABW

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 34 of 52)

39	KCNS	SAN FRANCISCO CA	131.0	PLN	DTVPLN	-DTVP1393
39	KCNS	SAN FRANCISCO CA	131.0	LIC	BLCDT	-20060221AES
41	K41AF	UKIAH CA	45.9	LIC	BLTT	-19830125IM
42	KVHF-LP	FRESNO CA	385.3	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	204.8	CP MOD	BMPDTL	-20070927AJO
42	K42HL	OROVILLE/PARADISE CA	187.5	APP	BSTA	-20060310AAZ
42	KQSX-LP	REDDING CA	306.0	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	204.1	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	186.1	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	138.2	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	184.9	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	184.9	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	184.9	APP	BMPDTL	-20090114ABH
42	KSYS	JACKSONVILLE OR	398.9	APP	BDRTET	-20090108AGB
43	KCSM-TV	SAN MATEO CA	131.0	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	131.0	PLN	DTVPLN	-DTVP1530
43	KCSM-TV	SAN MATEO CA	131.0	LIC	BLEDT	-20030822AFZ
43	K43AF	UKIAH CA	45.9	LIC	BLTT	-19830125IL
44	KTVU	OAKLAND CA	131.0	CP	BPCDT	-20080408AEQ
44	KTVU	OAKLAND CA	131.0	PLN	DTVPLN	-DTVP1567
44	KTVU	OAKLAND CA	131.0	APP	BMPCDT	-20080619AIJ
45	KBCW	SAN FRANCISCO CA	131.0	LIC	BLCDT	-20020709AAQ
45	KBCW	SAN FRANCISCO CA	131.0	PLN	DTVPLN	-DTVP1604
45	KBCW	SAN FRANCISCO CA	131.0	CP	BPCDT	-20080603AAH
57	K57CT	BOONVILLE, ETC. CA	26.6	LIC	BLTT	-19830110IJ
42	NEW-LD	NAPA CA	109.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42IL	VERDI NV	BLTT	-20071211ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	K41GI-D	IMLAY NV	184.0	LIC	BLDTT	-20070403ABD
41	KNVV-LP	RENO NV	30.0	LIC	BLTTL	-20010829ABA
42	K42HJ	CHICO CA	159.0	CP	BNPTTL	-20000828BHP
42	KVHF-LP	FRESNO CA	281.7	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	334.4	CP MOD	BMPDTL	-20070927AJO
42	K42HL	OROVILLE CA	130.7	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	130.7	APP	BSTA	-20060310AAZ
42	KQSX-LP	REDDING CA	275.6	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	105.1	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	286.4	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	301.7	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	285.6	APP	BMPDTL	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	285.6	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	285.6	APP	BMPDTL	-20090114ABH
42	K42GV	SUSANVILLE, ETC. CA	103.0	LIC	BLTTL	-20070620AEA
42	K42EK	ROUND MOUNTAIN NV	281.1	APP	BDPCDTT	-20090518ACH
42	KSYS	JACKSONVILLE OR	383.6	APP	BDRTET	-20090108AGB
43	NEW	SACRAMENTO CA	131.7	APP	BNPEDT	-20030922AFW
43	KELM-LP	RENO NV	12.1	LIC	BLTTL	-19901030IJ
44	KRXI-TV	RENO NV	1.7	LIC	BLCDT	-20060707ACZ
44	KRXI-TV	RENO NV	1.7	PLN	DTVPLN	-DTVP1587

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 35 of 52)

44	KRXI-TV	RENO NV	1.7	APP	BPCDT	-20080619AIG
42	NEW-LD	NAPA CA	228.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	K42DS	WALKER LAKE, ETC. NV	BLTT -19940822IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KTFF-LP	FRESNO CA	186.4	CP	BDFCDTL -20080801BCN
42	KZKC-LP	BAKERSFIELD CA	352.6	CP	BDFCDTL -20061122AEA
42	KVHF-LP	FRESNO CA	186.3	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	354.9	CP MOD	BMPDTL -20070927AJO
42	KMSX-LD	SACRAMENTO CA	213.4	CP	BDISDTL -20090210ABO
42	KTVU	SAN JOSE CA	313.8	APP	BDRTCT -20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	352.5	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	313.7	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	313.7	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	313.7	APP	BMPDTL -20090114ABH
42	K42EK	ROUND MOUNTAIN NV	136.9	LIC	BLTTL -19980505JB
42	K42EK	ROUND MOUNTAIN NV	137.6	APP	BDFCDTT -20090518ACH
42	K42IL	VERDI NV	159.6	LIC	BLTT -20071211ABP
43	K43GS	MINA / LUNING NV	51.4	APP	BDFCDTT -20090520ACF
50	KEGS	GOLDFIELD NV	132.9	CP	BPCDT -20080808AAC
50	KEGS	GOLDFIELD NV	132.9	PLN	DTVPLN -DTVPI773
42	NEW-LD	NAPA CA	307.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 37

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	KHSL-TV	CHICO CA	BPCDT -20070124AKD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KGMC	CLOVIS CA	415.1	PLN	DTVPLN -DTVPI528
43	KGMC	CLOVIS CA	377.0	CP MOD	BMPCDT -20080620AAE
43	NEW	SACRAMENTO CA	165.0	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	174.4	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	253.0	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	253.0	PLN	DTVPLN -DTVPI530
43	KCSM-TV	SAN MATEO CA	253.0	LIC	BLEDT -20030822AFZ
44	KRXI-TV	RENO NV	158.0	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	158.0	PLN	DTVPLN -DTVPI587
44	KRXI-TV	RENO NV	158.0	APP	BPCDT -20080619AIG
42	NEW-LD	NAPA CA	176.6	APP	USERRECORD-01

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 36 of 52)

Proposal causes no interference

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Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	KHSL-TV	CHICO CA	BLCDT -20060315AEZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KGMC	CLOVIS CA	415.1	PLN	DTVPLN -DTVPI528
43	KGMC	CLOVIS CA	377.0	CP MOD	BMPCDT -20080620AAE
43	NEW	SACRAMENTO CA	165.0	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	174.4	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	253.0	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	253.0	PLN	DTVPLN -DTVPI530
43	KCSM-TV	SAN MATEO CA	253.0	LIC	BLEDT -20030822AFZ
44	KRXI-TV	RENO NV	158.0	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	158.0	PLN	DTVPLN -DTVPI587
44	KRXI-TV	RENO NV	158.0	APP	BPCDT -20080619AIG
42	NEW-LD	NAPA CA	176.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	KMCE-LP	MONTREY CA	BLTTL -20030711ABL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KICU-TV	SAN JOSE CA	87.5	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	87.5	PLN	DTVPLN -DTVPI318
36	KICU-TV	SAN JOSE CA	87.5	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	87.5	CP	BPCDT -20080311ABL
39	KCNS	SAN FRANCISCO CA	139.3	CP	BPCDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	139.3	PLN	DTVPLN -DTVPI393
39	KCNS	SAN FRANCISCO CA	139.3	LIC	BLCDT -20060221AES
41	KKPX-TV	SAN JOSE CA	132.4	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	132.4	PLN	DTVPLN -DTVPI462
42	KVHF-LP	FRESNO CA	187.4	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	70.9	CP MOD	BMPDTL -20070927AJO
42	KTVU	SAN JOSE CA	87.5	APP	BDRTCT -20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	132.4	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	88.8	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	88.8	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	88.8	APP	BMPDTL -20090114ABH
43	KHSL-TV	CHICO CA	356.4	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	356.4	PLN	DTVPLN -DTVPI527
43	KHSL-TV	CHICO CA	356.4	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	197.6	PLN	DTVPLN -DTVPI528
43	KGMC	CLOVIS CA	187.4	CP MOD	BMPCDT -20080620AAE

Table 1 OET Bulletin 69 Interference Study
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43	K43AG	RIDGECREST CA	368.5	CP	BDFCDTL	-20060331BDY
43	NEW	SACRAMENTO CA	215.9	APP	BNPEDT	-20030922AFW
43	NEW	SACRAMENTO CA	190.5	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	139.3	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	139.3	PLN	DTVPLN	-DTVP1530
43	KCSM-TV	SAN MATEO CA	139.3	LIC	BLEDT	-20030822AFZ
43	NEW	SANTA MARIA CA	222.2	APP	BSFDTL	-20060630CKC
43	NEW	SANTA MARIA CA	236.2	APP	BSFDTL	-20060630BVO
43	K43GS	MINA / LUNING NV	354.4	APP	BDFCDTT	-20090520ACF
44	KSDI-LP	FRESNO CA	197.6	LIC	BLDTL	-20090612ABU
44	K49EO	MODESTO CA	111.5	CP	BDFCDTT	-20060322ABD
45	KBCW	SAN FRANCISCO CA	139.3	LIC	BLCDT	-20020709AAQ
45	KBCW	SAN FRANCISCO CA	139.3	PLN	DTVPLN	-DTVP1604
45	KBCW	SAN FRANCISCO CA	139.3	CP	BPCDT	-20080603AAH
50	KTEH	SAN JOSE CA	87.5	LIC	BLEDT	-20040826AAR
50	KTEH	SAN JOSE CA	87.5	PLN	DTVPLN	-DTVP1762
50	KTEH	SAN JOSE CA	87.5	CP	BPEDT	-20080620AKJ
51	KDTV	SAN FRANCISCO CA	88.8	LIC	BLCDT	-20021015ABK
51	KDTV	SAN FRANCISCO CA	88.8	PLN	DTVPLN	-DTVP1790
42	NEW-LD	NAPA CA	190.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	NEW	SACRAMENTO CA	BNPEDT -20030922AFW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KHSL-TV	CHICO CA	165.0	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	165.0	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	165.0	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	251.0	PLN	DTVPLN -DTVP1528
43	KGMC	CLOVIS CA	213.4	CP MOD	BMPCDT -20080620AAE
43	KCSM-TV	SAN MATEO CA	170.0	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	170.0	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	170.0	LIC	BLEDT -20030822AFZ
44	KTVU	OAKLAND CA	170.0	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	170.0	PLN	DTVPLN -DTVP1567
44	KTVU	OAKLAND CA	170.0	APP	BMPCDT -20080619AIJ
44	KRXI-TV	RENO NV	133.4	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	133.4	PLN	DTVPLN -DTVP1587
44	KRXI-TV	RENO NV	133.4	APP	BPCDT -20080619AIG
42	NEW-LD	NAPA CA	111.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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Table 1 OET Bulletin 69 Interference Study
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43	NEW	SACRAMENTO CA	BNPEDT	-20030922AFV
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KHSL-TV	CHICO CA	174.4	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	174.4	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	174.4	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	251.4	PLN	DTVPLN -DTVP1528
43	KGMC	CLOVIS CA	215.6	CP MOD	BMPCDT -20080620AAE
43	KCSM-TV	SAN MATEO CA	136.6	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	136.6	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	136.6	LIC	BLEDT -20030822AFZ
44	KTVU	OAKLAND CA	136.6	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	136.6	PLN	DTVPLN -DTVP1567
44	KTVU	OAKLAND CA	136.6	APP	BMPCDT -20080619AIJ
44	KRXI-TV	RENO NV	165.7	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	165.7	PLN	DTVPLN -DTVP1587
44	KRXI-TV	RENO NV	165.7	APP	BPCDT -20080619AIG
42	NEW-LD	NAPA CA	82.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 42

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	KMCE-LP	SAN MARTIN, ETC. CA	BSTA -20030714AGM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KICU-TV	SAN JOSE CA	87.5	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	87.5	PLN	DTVPLN -DTVP1318
36	KICU-TV	SAN JOSE CA	87.5	APP	BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	87.5	CP	BPCDT -20080311ABL
39	KCNS	SAN FRANCISCO CA	139.3	CP	BPCDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	139.3	PLN	DTVPLN -DTVP1393
39	KCNS	SAN FRANCISCO CA	139.3	LIC	BLCDT -20060221AES
41	KKPX-TV	SAN JOSE CA	132.4	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	132.4	PLN	DTVPLN -DTVP1462
42	KVHF-LP	FRESNO CA	187.4	CP	BDISDTL -20090108AOE
42	KBKF-LD	GLEN ARBOR CA	70.9	CP MOD	BMPDTL -20070927AJJ
42	KTVU	SAN JOSE CA	87.5	APP	BDRTCT -20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	132.4	CP	BDCCDTL -20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	88.8	APP	BMPDTL -20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	88.8	APP	BSTA -20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	88.8	APP	BMPDTL -20090114ABH
43	KHSL-TV	CHICO CA	356.4	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	356.4	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	356.4	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	197.6	PLN	DTVPLN -DTVP1528
43	KGMC	CLOVIS CA	187.4	CP MOD	BMPCDT -20080620AAE
43	K43AG	RIDGECREST CA	368.5	CP	BDFCDTL -20060331BDY
43	NEW	SACRAMENTO CA	215.9	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	190.5	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	139.3	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	139.3	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	139.3	LIC	BLEDT -20030822AFZ

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43	NEW	SANTA MARIA CA	222.2	APP	BSFDTL	-20060630CKC
43	NEW	SANTA MARIA CA	236.2	APP	BSFDTL	-20060630BVO
43	K43GS	MINA / LUNING NV	354.4	APP	BDFCDTT	-20090520ACF
44	KSDI-LP	FRESNO CA	197.6	LIC	BLDTL	-20090612ABU
44	K49EO	MODESTO CA	111.5	CP	BDFCDTT	-20060322ABD
45	KBCW	SAN FRANCISCO CA	139.3	LIC	BLCDT	-20020709AAQ
45	KBCW	SAN FRANCISCO CA	139.3	PLN	DTVPLN	-DTVPI604
45	KBCW	SAN FRANCISCO CA	139.3	CP	BPCDT	-20080603AAH
50	KTEH	SAN JOSE CA	87.5	LIC	BLEDT	-20040826AAR
50	KTEH	SAN JOSE CA	87.5	PLN	DTVPLN	-DTVPI762
50	KTEH	SAN JOSE CA	87.5	CP	BPEDT	-20080620AKJ
51	KDTV	SAN FRANCISCO CA	88.8	LIC	BLCDT	-20021015ABK
51	KDTV	SAN FRANCISCO CA	88.8	PLN	DTVPLN	-DTVPI790
42	NEW-LD	NAPA CA	190.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 43

Analysis of current record		City/State	Application Ref. No.
Channel	Call		
43	KCSM-TV	SAN MATEO CA	BPEDT -20080825AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KHSL-TV	CHICO CA	253.0	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	253.1	PLN	DTVPLN -DTVPI527
43	KHSL-TV	CHICO CA	253.0	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	302.0	PLN	DTVPLN -DTVPI528
43	KGMC	CLOVIS CA	277.2	CP MOD	BMPCDT -20080620AAE
43	NEW	SACRAMENTO CA	170.0	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	136.6	APP	BNPEDT -20030922AFV
44	KTVU	OAKLAND CA	0.0	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	0.0	PLN	DTVPLN -DTVPI567
44	KTVU	OAKLAND CA	0.0	APP	BMPCDT -20080619AIJ
42	NEW-LD	NAPA CA	77.7	APP	USERRECORD-01

Total scenarios = 24

Result key: 177
Scenario 5 Affected station 43 KCSM-TV
Before Analysis

Results for: 43A CA SAN MATEO		BPEDT	20080825AAV	CP
HAAT 511.0 m, ATV ERP 500.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		7231231	31397.0	
not affected by terrain losses		6403265	25652.8	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		84752	1113.1	
lost to ATV IX only		84752	1113.1	
lost to all IX		84752	1113.1	

Potential Interfering Stations Included in above Scenario 5

43A CA CHICO BLC DT 20060315AEZ LIC

Table 1 OET Bulletin 69 Interference Study
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43A CA CLOVIS DTVPLN DTVPI528 PLN

After Analysis

Results for: 43A CA SAN MATEO		BPEDT	20080825AAV	CP
HAAT 511.0 m, ATV ERP 500.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		7231231	31397.0	
not affected by terrain losses		6403265	25652.8	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		95020	1302.9	
lost to ATV IX only		95020	1302.9	
lost to all IX		95020	1302.9	

Potential Interfering Stations Included in above Scenario 5

43A CA CHICO BLC DT 20060315AEZ LIC
43A CA CLOVIS DTVPLN DTVPI528 PLN
42A CA NAPA USERRECORD01 APP

Percent new IX = 0.1625%

Worst case new IX 0.1625% Scenario 5

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Analysis of Interference to Affected Station 44

Analysis of current record		City/State	Application Ref. No.
Channel	Call		
43	KCSM-TV	SAN MATEO CA	BLEDT -20030822AFZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KHSL-TV	CHICO CA	253.0	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	253.1	PLN	DTVPLN -DTVPI527
43	KHSL-TV	CHICO CA	253.0	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	302.0	PLN	DTVPLN -DTVPI528
43	KGMC	CLOVIS CA	277.2	CP MOD	BMPCDT -20080620AAE
43	NEW	SACRAMENTO CA	170.0	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	136.6	APP	BNPEDT -20030922AFV
44	KTVU	OAKLAND CA	0.0	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	0.0	PLN	DTVPLN -DTVPI567
44	KTVU	OAKLAND CA	0.0	APP	BMPCDT -20080619AIJ
42	NEW-LD	NAPA CA	77.7	APP	USERRECORD-01

Total scenarios = 42

Result key: 208
Scenario 12 Affected station 44 KCSM-TV
Before Analysis

Results for: 43A CA SAN MATEO		BLEDT	20030822AFZ	LIC
HAAT 428.0 m, ATV ERP 536.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		6834887	27099.3	
not affected by terrain losses		6255198	21830.7	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		108381	969.7	

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lost to ATV IX only	108381	969.7
lost to all IX	108381	969.7
Potential Interfering Stations Included in above Scenario 12		
43A CA CHICO	BPCDT	20070124AKD CP
43A CA CLOVIS	DTVPLN	DTVP1528 PLN
44A CA OAKLAND	BMPCDT	20080619AIJ APP

After Analysis

Results for: 43A CA SAN MATEO	BLEDT	20030822AFZ LIC
HAAT 428.0 m, ATV ERP 536.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	6834887	27099.3
not affected by terrain losses	6255198	21830.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	138060	1138.7
lost to ATV IX only	138060	1138.7
lost to all IX	138060	1138.7

Potential Interfering Stations Included in above Scenario 12

43A CA CHICO	BPCDT	20070124AKD CP
43A CA CLOVIS	DTVPLN	DTVP1528 PLN
44A CA OAKLAND	BMPCDT	20080619AIJ APP
42A CA NAPA	USERRECORD01	APP

Percent new IX = 0.4828%

Worst case new IX 0.4828% Scenario 12

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Analysis of Interference to Affected Station 45

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	K43DB	STATELINE, ETC. CA	BLTT -20070926ALV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	KCRA-TV	SACRAMENTO CA	145.4	CP	BPCDT -20080208AEM
35	KCRA-TV	SACRAMENTO CA	145.4	PLN	DTVPLN -DTVP1280
42	KMSX-LD	SACRAMENTO CA	82.5	CP	BDISDTL -20090210ABO
43	KHSL-TV	CHICO CA	185.3	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	185.3	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	185.3	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	249.4	PLN	DTVPLN -DTVP1528
43	KGMC	CLOVIS CA	210.9	CP MOD	BMPCDT -20080620AAE
43	NEW	EUREKA CA	404.6	APP	BSFDTL -20060630BQG
43	K69IE	EUREKA CA	392.0	CP MOD	BMPDTL -20081031AAM
43	KMCE-LP	MONTEREY CA	271.9	LIC	BLTTL -20030711ABL
43	NEW	SACRAMENTO CA	77.6	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	110.5	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	246.7	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	246.7	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	246.7	LIC	BLEDT -20030822AFZ
43	K43KF-D	BEOVAWE NV	336.3	CP	BDCCDTT -20060922AEZ

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43	K43GS	MINA / LUNING NV	181.6	APP	BDFCDTT	-20090520ACF
43	KELM-LP	RENO NV	77.6	LIC	BLTTL	-19901030IJ
43	KPMP-LP	WINNEMUCCA NV	303.0	CP	BDFCDTL	-20060331ACJ
44	K49EO	MODESTO CA	165.8	CP	BDFCDTT	-20060322ABD
44	KRXI-TV	RENO NV	76.1	LIC	BLCDT	-20060707ACZ
44	KRXI-TV	RENO NV	76.1	PLN	DTVPLN	-DTVP1587
44	KRXI-TV	RENO NV	76.1	APP	BPEDT	-20080619AIG
46	KQCA	STOCKTON CA	145.4	LIC	BLCDT	-20060623AAM
46	KQCA	STOCKTON CA	145.4	PLN	DTVPLN	-DTVP1640
42	NEW-LD	NAPA CA	188.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 46

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	K43AF	UKIAH CA	BLTT -19830125IL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KMSX-LD	SACRAMENTO CA	183.4	CP	BDISDTL -20090210ABO
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	169.0	CP	BDCCDTL -20060928AHY
42	K42HE	UKIAH CA	45.9	LIC	BLTTL -20081222ABC
43	KHSL-TV	CHICO CA	150.7	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	150.7	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	150.7	LIC	BLCDT -20060315AEZ
43	KGMC	CLOVIS CA	392.6	CP MOD	BMPCDT -20080620AAE
43	NEW	EUREKA CA	184.5	APP	BSFDTL -20060630BQG
43	NEW	EUREKA CA	206.8	APP	BSFDTL -20060630BBA
43	K69IE	EUREKA CA	194.0	CP MOD	BMPDTL -20081031AAM
43	KMCE-LP	MONTEREY CA	297.2	LIC	BLTTL -20030711ABL
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	183.0	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	161.4	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	161.4	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	161.4	LIC	BLEDT -20030822AFZ
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	BPPTL -20080625ABN
47	KTLN-TV	NOVATO CA	116.0	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	116.0	PLN	DTVPLN -DTVP1668
58	K58AW	LAKEPORT CA	31.5	LIC	BLTT -19800317IE
42	NEW-LD	NAPA CA	117.3	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 47

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	NEW	LAKEPORT CA	BNPTTL -20000828AMT

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	NEW	EUREKA CA	197.9	APP	BSFDTL -20060630BQG
43	K69IE	EUREKA CA	205.8	CP MOD	BMPDTL -20081031AAM
43	K43AF	UKIAH CA	15.1	LIC	BLTT -19830125IL
44	K44JF-D	CRESCENT CITY CA	340.8	LIC	BLDTL -20081009AEX
44	NEW	LAKEPORT CA	0.0	APP	BNPTTL -20000828ARO
44	K49EO	MODESTO CA	211.4	CP	BDPCDTT -20060322ABD
44	KTVU	OAKLAND CA	150.5	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	150.5	PLN	DTVPLN -DTVP1567
44	KTVU	OAKLAND CA	150.5	APP	BMPCDT -20080619AIJ
44	KTJH-LP	UKIAH CA	26.3	CP	BPTTL -20080625ABN
44	KRXI-TV	RENO NV	265.6	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	265.6	PLN	DTVPLN -DTVP1587
44	KRXI-TV	RENO NV	265.6	APP	BPCDT -20080619AIG
44	K44JB-D	GRANTS PASS OR	378.8	LIC	BLDTT -20080206AAM
45	K45HC	SACRAMENTO CA	153.2	CP	BDPCDTT -20060330AAG
45	K45AH	UKIAH CA	15.1	LIC	BLTT -19830125IK
47	KTLN-TV	NOVATO CA	104.9	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	104.9	PLN	DTVPLN -DTVP1668
59	KEFM-LD	SACRAMENTO CA	97.9	CP	BDCCDTL -20070521AFR
42	NEW-LD	NAPA CA	102.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 48

Analysis of current record					Application Ref. No.
Channel	Call	City/State			
44	NEW	LAKEPORT CA		BNPTTL	-20000828ARO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	NEW	EUREKA CA	197.9	APP	BSFDTL -20060630BQG
43	K69IE	EUREKA CA	205.8	CP MOD	BMPDTL -20081031AAM
43	K43AF	UKIAH CA	15.1	LIC	BLTT -19830125IL
44	K44JF-D	CRESCENT CITY CA	340.8	LIC	BLDTL -20081009AEX
44	NEW	LAKEPORT CA	0.0	APP	BNPTTL -20000828ARO
44	K49EO	MODESTO CA	211.4	CP	BDPCDTT -20060322ABD
44	KTVU	OAKLAND CA	150.5	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	150.5	PLN	DTVPLN -DTVP1567
44	KTVU	OAKLAND CA	150.5	APP	BMPCDT -20080619AIJ
44	KTJH-LP	UKIAH CA	26.3	CP	BPTTL -20080625ABN
44	KRXI-TV	RENO NV	265.6	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	265.6	PLN	DTVPLN -DTVP1587
44	KRXI-TV	RENO NV	265.6	APP	BPCDT -20080619AIG
44	K44JB-D	GRANTS PASS OR	378.8	LIC	BLDTT -20080206AAM
45	K45HC	SACRAMENTO CA	153.2	CP	BDPCDTT -20060330AAG
45	K45AH	UKIAH CA	15.1	LIC	BLTT -19830125IK
47	KTLN-TV	NOVATO CA	104.9	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	104.9	PLN	DTVPLN -DTVP1668
59	KEFM-LD	SACRAMENTO CA	97.9	CP	BDCCDTL -20070521AFR
42	NEW-LD	NAPA CA	102.8	APP	USERRECORD-01

Proposed station is beyond the site to

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nearest cell evaluation distance

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Analysis of Interference to Affected Station 49

Analysis of current record					Application Ref. No.
Channel	Call	City/State			
44	K49EO	MODESTO CA		BMPTT	-20050420ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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
40	KTXL	SACRAMENTO CA	66.1	CP MOD	BMPCDT -20080620ADJ
40	KTXL	SACRAMENTO CA	66.1	PLN	DTVPLN -DTVP1425
41	KKPX-TV	SAN JOSE CA	108.8	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	108.8	PLN	DTVPLN -DTVP1462
43	NEW	SACRAMENTO CA	104.5	APP	BNPDET -20030922AFW
43	NEW	SACRAMENTO CA	80.0	APP	BNPDET -20030922AFV
43	KCSM-TV	SAN MATEO CA	110.3	CP	BPDET -20080825AAV
43	KCSM-TV	SAN MATEO CA	110.3	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	110.3	LIC	BLDET -20030822AFZ
44	K44JH-D	BAKERSFIELD CA	343.7	CP	BDCCDTL -20070327ACJ
44	KSDI-LP	FRESNO CA	201.6	LIC	BLDTL -20090612ABU
44	KTVU	OAKLAND CA	110.3	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	110.3	PLN	DTVPLN -DTVP1567
44	KTVU	OAKLAND CA	110.3	APP	BMPCDT -20080619AIJ
44	KRJR-LP	SACRAMENTO CA	112.8	LIC	BLTTL -20081112AEY
44	KRXI-TV	RENO NV	234.3	LIC	BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	234.3	PLN	DTVPLN -DTVP1587
44	KRXI-TV	RENO NV	234.3	APP	BPCDT -20080619AIG
45	K27GZ	MARIPOSA CA	105.4	CP	BDISDTT -20060321AFC
45	K45HC	SACRAMENTO CA	64.9	CP	BDPCDTT -20060330AAG
45	KBCW	SAN FRANCISCO CA	110.3	LIC	BLCDT -20020709AAQ
45	KBCW	SAN FRANCISCO CA	110.3	PLN	DTVPLN -DTVP1604
45	KBCW	SAN FRANCISCO CA	110.3	CP	BPCDT -20080603AAH
46	KQCA	STOCKTON CA	64.9	LIC	BLCDT -20060623AAM
46	KQCA	STOCKTON CA	64.9	PLN	DTVPLN -DTVP1640
47	KTLN-TV	NOVATO CA	130.9	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	130.9	PLN	DTVPLN -DTVP1668
48	KSPX-TV	SACRAMENTO CA	64.9	LIC	BLCDT -20050110ABB
48	KSPX	SACRAMENTO CA	64.9	PLN	DTVPLN -DTVP1700
51	KDTV	SAN FRANCISCO CA	64.6	LIC	BLCDT -20021015ABK
51	KDTV	SAN FRANCISCO CA	64.6	PLN	DTVPLN -DTVP1790
42	NEW-LD	NAPA 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 50

Analysis of current record

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Channel	Call	City/State	Application Ref. No.
44	KRJR-LP	SACRAMENTO CA	BLTTL -20081112AEY
Stations Potentially Affecting This Station			
Chan	Call	City/State	Dist(km) Status Application Ref. No.
36	KICU-TV	SAN JOSE CA	130.6 APP BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	130.6 PLN DTVPLN -DTVPI318
36	KICU-TV	SAN JOSE CA	130.6 APP BMPCDT -20080619AIP
36	KICU-TV	SAN JOSE CA	130.6 CP BPCDT -20080311ABL
40	KTXL	SACRAMENTO CA	46.8 CP MOD BMPCDT -20080620ADJ
40	KTXL	SACRAMENTO CA	46.8 PLN DTVPLN -DTVPI1425
41	KKPX-TV	SAN JOSE CA	124.5 LIC BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	124.5 PLN DTVPLN -DTVPI1462
43	NEW	SACRAMENTO CA	75.1 APP BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	53.7 APP BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	118.9 CP BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	118.9 PLN DTVPLN -DTVPI1530
43	KCSM-TV	SAN MATEO CA	118.9 LIC BLEDT -20030822AFZ
44	KSDI-LP	FRESNO CA	301.8 LIC BLDTL -20090612ABU
44	K49EO	MODESTO CA	112.8 CP MOD BMPTT -20050420ABE
44	K49EO	MODESTO CA	112.8 CP BDFCDTT -20060322ABD
44	KTVU	OAKLAND CA	118.9 CP BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	118.9 PLN DTVPLN -DTVPI1567
44	KTVU	OAKLAND CA	118.9 APP BMPCDT -20080619AIJ
44	KTJH-LP	UKIAH CA	140.4 CP BPTTL -20080625ABN
44	KRXI-TV	RENO NV	186.1 LIC BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	186.1 PLN DTVPLN -DTVPI1587
44	KRXI-TV	RENO NV	186.1 APP BPCDT -20080619AIG
45	K27GZ	MARIPOSA CA	193.8 CP BDISDTT -20060321AFC
45	K45HC	SACRAMENTO CA	48.0 CP BDFCDTT -20060330AAG
45	KBW	SAN FRANCISCO CA	118.9 LIC BLCDT -20020709AAQ
45	KBW	SAN FRANCISCO CA	118.9 PLN DTVPLN -DTVPI1604
45	KBW	SAN FRANCISCO CA	118.9 CP BPCDT -20080603AAH
46	KQCA	STOCKTON CA	48.0 LIC BLCDT -20060623AAM
46	KQCA	STOCKTON CA	48.0 PLN DTVPLN -DTVPI1640
47	KTLN-TV	NOVATO CA	94.6 CP BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	94.6 PLN DTVPLN -DTVPI1668
48	KSPX-TV	SACRAMENTO CA	48.0 LIC BLCDT -20050110ABB
48	KSPX	SACRAMENTO CA	48.0 PLN DTVPLN -DTVPI1700
51	KDTV	SAN FRANCISCO CA	129.4 LIC BLCDT -20021015ABK
51	KDTV	SAN FRANCISCO CA	129.4 PLN DTVPLN -DTVPI1790
59	KSGO-LP	CHICO CA	61.6 APP BMPTTL -20040402ACB
59	KEFM-LD	SACRAMENTO CA	61.6 CP BDCCDTL -20070521AFR
42	NEW-LD	NAPA CA	44.0 APP USERRECORD-01
Proposal causes no interference			

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Analysis of Interference to Affected Station 51

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
44	KTJH-LP	UKIAH CA	BPTTL -20080625ABN
Stations Potentially Affecting This Station			
Chan	Call	City/State	Dist(km) Status Application Ref. No.
43	NEW	EUREKA CA	178.3 APP BSFDTL -20060630BQG
43	NEW	EUREKA CA	202.2 APP BSFDTL -20060630BBA

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 46 of 52)

43	K69IE	EUREKA CA	189.9 CP MOD BMPDTL -20081031AAM
43	K43AF	UKIAH CA	12.0 LIC BLTT -19830125IL
44	K44JF-D	CRESCENT CITY CA	327.3 LIC BLDTL -20081009AEX
44	NEW	LAKEPORT CA	26.3 APP BNPTTL -20000828AMT
44	NEW	LAKEPORT CA	26.3 APP BNPTTL -20000828ARO
44	K49EO	MODESTO CA	234.9 CP BDFCDTT -20060322ABD
44	KTVU	OAKLAND CA	165.8 CP BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	165.8 PLN DTVPLN -DTVPI1567
44	KTVU	OAKLAND CA	165.8 APP BMPCDT -20080619AIJ
44	KRJR-LP	SACRAMENTO CA	140.4 LIC BLTTL -20081112AEY
44	KRXI-TV	RENO NV	288.9 LIC BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	288.9 PLN DTVPLN -DTVPI1587
44	KRXI-TV	RENO NV	288.9 APP BPCDT -20080619AIG
44	K44JB-D	GRANTS PASS OR	370.8 LIC BLDTT -20080206AAM
45	K45DS	FRESHWATER, ETC. CA	202.8 APP BDFCDTT -20090612ADO
45	K45HC	SACRAMENTO CA	178.3 CP BDFCDTT -20060330AAG
45	K45AH	UKIAH CA	12.0 LIC BLTT -19830125IK
47	KTLN-TV	NOVATO CA	120.9 CP BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	120.9 PLN DTVPLN -DTVPI1668
59	K59CH	BOONVILLE, ETC. CA	16.2 LIC BLTT -19830110IK
59	KEFM-LD	SACRAMENTO CA	122.2 CP BDCCDTL -20070521AFR
42	NEW-LD	NAPA CA	126.3 APP USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 52

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
44	KTJH-LP	UKIAH CA	BLTTL -20070321AAP
Stations Potentially Affecting This Station			
Chan	Call	City/State	Dist(km) Status Application Ref. No.
43	NEW	EUREKA CA	178.3 APP BSFDTL -20060630BQG
43	NEW	EUREKA CA	202.2 APP BSFDTL -20060630BBA
43	K69IE	EUREKA CA	189.9 CP MOD BMPDTL -20081031AAM
43	K43AF	UKIAH CA	12.0 LIC BLTT -19830125IL
44	K44JF-D	CRESCENT CITY CA	327.3 LIC BLDTL -20081009AEX
44	NEW	LAKEPORT CA	26.3 APP BNPTTL -20000828AMT
44	NEW	LAKEPORT CA	26.3 APP BNPTTL -20000828ARO
44	K49EO	MODESTO CA	234.9 CP BDFCDTT -20060322ABD
44	KTVU	OAKLAND CA	165.8 CP BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	165.8 PLN DTVPLN -DTVPI1567
44	KTVU	OAKLAND CA	165.8 APP BMPCDT -20080619AIJ
44	KRJR-LP	SACRAMENTO CA	140.4 LIC BLTTL -20081112AEY
44	KRXI-TV	RENO NV	288.9 LIC BLCDT -20060707ACZ
44	KRXI-TV	RENO NV	288.9 PLN DTVPLN -DTVPI1587
44	KRXI-TV	RENO NV	288.9 APP BPCDT -20080619AIG
44	K44JB-D	GRANTS PASS OR	370.8 LIC BLDTT -20080206AAM
45	K45DS	FRESHWATER, ETC. CA	202.8 APP BDFCDTT -20090612ADO
45	K45HC	SACRAMENTO CA	178.3 CP BDFCDTT -20060330AAG
45	K45AH	UKIAH CA	12.0 LIC BLTT -19830125IK
47	KTLN-TV	NOVATO CA	120.9 CP BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	120.9 PLN DTVPLN -DTVPI1668
59	K59CH	BOONVILLE, ETC. CA	16.2 LIC BLTT -19830110IK
59	KEFM-LD	SACRAMENTO CA	122.2 CP BDCCDTL -20070521AFR

Table 1 OET Bulletin 69 Interference Study
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42 NEW-LD NAPA CA 126.3 APP USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 53

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45HC	SACRAMENTO CA	BLTT -20040325AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KRON-TV	SAN FRANCISCO CA	101.5	CP MOD	BMPCDT -20080619AFU
38	KRON-TV	SAN FRANCISCO CA	101.5	PLN	DTVPLN -DTVP1357
41	KKPX-TV	SAN JOSE CA	104.7	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	104.7	PLN	DTVPLN -DTVP1462
43	NEW	SACRAMENTO CA	68.5	APP	BNPEDT -20030922AFW
43	NEW	SACRAMENTO CA	35.1	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	101.5	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	101.5	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	101.5	LIC	BLEDT -20030822AFZ
44	K49EO	MODESTO CA	64.9	CP	BDFCDTT -20060322ABD
44	KTUU	OAKLAND CA	101.5	CP	BPCDT -20080408AEQ
44	KTUU	OAKLAND CA	101.5	PLN	DTVPLN -DTVP1567
44	KTUU	OAKLAND CA	101.5	APP	BMPCDT -20080619AIJ
44	KRJR-LP	SACRAMENTO CA	48.0	LIC	BLTTL -20081112AEY
45	K45DS	FRESHWATER, ETC. CA	362.0	APP	BDFCDTT -20090612ADO
45	KLDF-LD	LOMPOC CA	402.7	CP	BDCCDTL -20061027AAX
45	K27GZ	MARIPOSA CA	152.0	CP	BDISDTT -20060321AFC
45	KBCW	SAN FRANCISCO CA	101.5	LIC	BLCDT -20020709AAQ
45	KBCW	SAN FRANCISCO CA	101.5	PLN	DTVPLN -DTVP1604
45	KBCW	SAN FRANCISCO CA	101.5	CP	BPCDT -20080603AAH
45	K45AH	UKIAH CA	168.3	LIC	BLTT -19830125IK
45	K45GZ	DAYTON NV	202.7	APP	BPTT -20000824AAR
45	K45GZ	DAYTON NV	202.7	LIC	BLTT -20020715AAH
45	K45HV	MINA / LUNING NV	300.3	APP	BDFCDTT -20090520ACC
45	K45EY	ROUND MOUNTAIN NV	393.1	APP	BDFCDTT -20090518ACG
46	KQCA	STOCKTON CA	0.0	LIC	BLCDT -20060623AAM
46	KQCA	STOCKTON CA	0.0	PLN	DTVPLN -DTVP1640
46	KRNS-CA	RENO NV	181.5	APP	BDFCDTA -20090513ACD
47	KTLN-TV	NOVATO CA	97.1	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	97.1	PLN	DTVPLN -DTVP1668
48	KSPX-TV	SACRAMENTO CA	0.0	LIC	BLCDT -20050110ABB
48	KSPX	SACRAMENTO CA	0.0	PLN	DTVPLN -DTVP1700
49	KSTS	SAN JOSE CA	91.5	LIC	BLCDT -20030507AAT
49	KSTS	SAN JOSE CA	91.5	PLN	DTVPLN -DTVP1731
42	NEW-LD	NAPA CA	55.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 54

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 48 of 52)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45AH	UKIAH CA	BLTT -19830125IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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	BP TTL -20080625ABN
45	K45DS	FRESHWATER, ETC. CA	207.4	APP	BDFCDTT -20090612ADO
45	K27GZ	MARIPOSA CA	320.2	CP	BDISDTT -20060321AFC
45	K45IV	REDDING CA	181.2	CP	BNPTTL -20000831BYI
45	K45HC	SACRAMENTO CA	168.3	LIC	BLTT -20040325AAX
45	K45HC	SACRAMENTO CA	168.3	CP	BDFCDTT -20060330AAG
45	KBCW	SAN FRANCISCO CA	161.4	LIC	BLCDT -20020709AAQ
45	KBCW	SAN FRANCISCO CA	161.4	PLN	DTVPLN -DTVP1604
45	KBCW	SAN FRANCISCO CA	161.4	CP	BPCDT -20080603AAH
45	K45KE-D	JACKSONVILLE OR	360.2	CP MOD	BMPD T -20080528ABG
45	K45KE-D	JACKSONVILLE OR	358.7	APP	BMPD T -20090615ABF
46	K46DR	LAKEPORT CA	31.5	LIC	BLTT -19941103IB
46	K46HI	REDDING CA	177.7	CP	BDFCDTL -20060329AIY
47	KTLN-TV	NOVATO CA	116.0	CP	BPCDT -19991026ABE
47	KTLN-TV	NOVATO CA	116.0	PLN	DTVPLN -DTVP1668
42	NEW-LD	NAPA 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 55

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	K46DR	LAKEPORT CA	BSTA -20061016ADK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KRON-TV	SAN FRANCISCO CA	102.6	CP MOD	BMPCDT -20080619AFU
38	KRON-TV	SAN FRANCISCO CA	102.6	PLN	DTVPLN -DTVP1357
39	KCNS	SAN FRANCISCO CA	102.6	CP	BPCDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	102.6	PLN	DTVPLN -DTVP1393
39	KCNS	SAN FRANCISCO CA	102.6	LIC	BLCDT -20060221AES
43	NEW	SACRAMENTO CA	129.6	APP	BNPEDT -20030922AFV
43	KCSM-TV	SAN MATEO CA	102.6	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	102.6	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	102.6	LIC	BLEDT -20030822AFZ
44	KTUU	OAKLAND CA	102.6	CP	BPCDT -20080408AEQ
44	KTUU	OAKLAND CA	102.6	PLN	DTVPLN -DTVP1567
44	KTUU	OAKLAND CA	102.6	APP	BMPCDT -20080619AIJ
45	K45HC	SACRAMENTO CA	108.6	CP	BDFCDTT -20060330AAG
45	KBCW	SAN FRANCISCO CA	102.6	LIC	BLCDT -20020709AAQ
45	KBCW	SAN FRANCISCO CA	102.6	PLN	DTVPLN -DTVP1604
45	KBCW	SAN FRANCISCO CA	102.6	CP	BPCDT -20080603AAH
46	K56DZ	FRESNO CA	325.6	APP	BDISDTT -20071003AAX
46	K56DZ	FRESNO CA	325.6	CP	BDFCDTT -20060327AJR
46	K56DZ	FRESNO CA	325.6	CP	BDISDTT -20080228ABP

Table 1 OET Bulletin 69 Interference Study
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46	K46HI	REDDING CA	221.0	CP	BDFCDTL	-20060329AIY
46	K46HI	REDDING CA	221.0	LIC	BLTTL	-20040329ABN
46	KQCA	STOCKTON CA	108.6	LIC	BLCDT	-20060623AAM
46	KQCA	STOCKTON CA	108.6	PLN	DTVPLN	-DTVP1640
46	KRNS-CA	RENO NV	247.6	APP	BDFCDTA	-20090513ACD
46	KRNS-CA	RENO, ETC NV	247.6	LIC	BLTTA	-20051114AFU
46	KRNS-CA	RENO, ETC. NV	247.6	APP	BSTA	-20061116AEF
46	KRNS-CA	RENO, ETC. NV	247.6	APP	BSTA	-20070207ABM
47	KTLLN-TV	NOVATO CA	57.7	CP	BPCDT	-19991026ABE
47	KTLLN-TV	NOVATO CA	57.7	PLN	DTVPLN	-DTVP1668
48	KSPX-TV	SACRAMENTO CA	108.6	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	108.6	PLN	DTVPLN	-DTVP1700
49	KSTS	SAN JOSE CA	145.8	LIC	BLCDT	-20030507AAT
49	KSTS	SAN JOSE CA	145.8	PLN	DTVPLN	-DTVP1731
42	NEW-LD	NAPA CA	54.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 56

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	K46DR	LAKEPORT CA	BLTT -19941103IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KRON-TV	SAN FRANCISCO CA	139.9	CP MOD	BMPCDT -20080619AFU
38	KRON-TV	SAN FRANCISCO CA	139.9	PLN	DTVPLN -DTVP1357
39	KCNS	SAN FRANCISCO CA	139.9	CP	BPCDT -20080909ABW
39	KCNS	SAN FRANCISCO CA	139.9	PLN	DTVPLN -DTVP1393
39	KCNS	SAN FRANCISCO CA	139.9	LIC	BLCDT -20060221AES
43	KHSL-TV	CHICO CA	140.6	CP	BPCDT -20070124AKD
43	KHSL-TV	CHICO CA	140.6	PLN	DTVPLN -DTVP1527
43	KHSL-TV	CHICO CA	140.6	LIC	BLCDT -20060315AEZ
43	KCSM-TV	SAN MATEO CA	139.9	CP	BPEDT -20080825AAV
43	KCSM-TV	SAN MATEO CA	139.9	PLN	DTVPLN -DTVP1530
43	KCSM-TV	SAN MATEO CA	139.9	LIC	BLEDT -20030822AFZ
44	KTVU	OAKLAND CA	139.9	CP	BPCDT -20080408AEQ
44	KTVU	OAKLAND CA	139.9	PLN	DTVPLN -DTVP1567
44	KTVU	OAKLAND CA	139.9	APP	BMPCDT -20080619AIJ
45	K45HC	SACRAMENTO CA	137.1	CP	BDFCDTT -20060330AAG
45	K45AH	UKIAH CA	31.5	LIC	BLTT -19830125IK
46	K56DZ	FRESNO CA	357.0	APP	BDISDTT -20071003AAK
46	K56DZ	FRESNO CA	357.0	CP	BDFCDTT -20060327AJR
46	K56DZ	FRESNO CA	357.0	CP	BDISDTT -20080228ABP
46	K46HI	REDDING CA	186.3	CP	BDFCDTL -20060329AIY
46	K46HI	REDDING CA	186.3	LIC	BLTTL -20040329ABN
46	KQCA	STOCKTON CA	137.1	LIC	BLCDT -20060623AAM
46	KQCA	STOCKTON CA	137.1	PLN	DTVPLN -DTVP1640
46	KRNS-CA	RENO NV	251.2	APP	BDFCDTA -20090513ACD
46	KRNS-CA	RENO, ETC NV	251.2	LIC	BLTTA -20051114AFU
46	KRNS-CA	RENO, ETC. NV	251.2	APP	BSTA -20061116AEF
46	KRNS-CA	RENO, ETC. NV	251.2	APP	BSTA -20070207ABM
47	KTLLN-TV	NOVATO CA	94.5	CP	BPCDT -19991026ABE
47	KTLLN-TV	NOVATO CA	94.5	PLN	DTVPLN -DTVP1668
47	K47AL	UKIAH CA	31.5	LIC	BLTTL -19830223IB

Table 1 OET Bulletin 69 Interference Study
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48	KSPX-TV	SACRAMENTO CA	137.1	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	137.1	PLN	DTVPLN	-DTVP1700
42	NEW-LD	NAPA 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 57

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49EO	MODESTO CA	BLTT -20000306AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KKPX-TV	SAN JOSE CA	124.1	LIC	BLCDT -20021108ABD
41	KKPX	SAN JOSE CA	124.1	PLN	DTVPLN -DTVP1462
45	KBCW	SAN FRANCISCO CA	126.1	LIC	BLCDT -20020709AAQ
45	KBCW	SAN FRANCISCO CA	126.1	PLN	DTVPLN -DTVP1604
45	KBCW	SAN FRANCISCO CA	126.1	CP	BPCDT -20080603AAH
46	KQCA	STOCKTON CA	79.6	LIC	BLCDT -20060623AAM
46	KQCA	STOCKTON CA	79.6	PLN	DTVPLN -DTVP1640
48	KSPX-TV	SACRAMENTO CA	79.6	LIC	BLCDT -20050110ABB
48	KSPX	SACRAMENTO CA	79.6	PLN	DTVPLN -DTVP1700
48	K48LA-D	SOUTH LAKE TAHOE CA	175.6	LIC	BLDTT -20081010BFY
49	K49EA	CROWLEY LAKE CA	195.0	CP	BDFCDTT -20090515ACV
49	K49AA	INYOKERN, ETC CA	383.6	CP	BDFCDTT -20051011AAZ
49	KMPH-LD	MERCED-MARIPOSA CA	84.2	CP	BDCCDTL -20061004AIN
49	KSAO-LP	SACRAMENTO CA	111.1	LIC	BLTTL -20050822AAI
49	KSAO-LP	SACRAMENTO CA	111.1	APP	BDFCDTL -20090220AEA
49	KSTS	SAN JOSE CA	76.5	LIC	BLCDT -20030507AAT
49	KSTS	SAN JOSE CA	76.5	PLN	DTVPLN -DTVP1731
49	KPXA-LP	SANTA MARIA CA	313.7	CP	BDFCDTL -20080428ACP
49	K42HE	SANTA ROSA CA	156.6	CP	BDISDTL -20090317ADT
49	K49CK	STEAD/LAWTON NV	235.2	CP	BDFCDTT -20081020ALD
50	KBIT-LD	CHICO CA	186.3	CP MOD	BMPDTL -20071009AKX
50	KTEH	SAN JOSE CA	76.4	LIC	BLEDT -20040826AAR
50	KTEH	SAN JOSE CA	76.4	PLN	DTVPLN -DTVP1762
50	KTEH	SAN JOSE CA	76.4	CP	BPEDT -20080620AKJ
51	KDTV	SAN FRANCISCO CA	76.5	LIC	BLCDT -20021015ABK
51	KDTV	SAN FRANCISCO CA	76.5	PLN	DTVPLN -DTVP1790
42	NEW-LD	NAPA CA	125.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 58

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KSAO-LP	SACRAMENTO CA	BLTTL -20050822AAI

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 51 of 52)

Chan	Call	City/State	Dist (km)	Status	Application	Ref. No.
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
47	KTLN-TV	NOVATO CA	141.5	PLN	DTVPLN	-DTVP1668
48	KSPX-TV	SACRAMENTO CA	54.6	LIC	BLCDT	-20050110ABB
48	KSPX	SACRAMENTO CA	54.6	PLN	DTVPLN	-DTVP1700
48	K48LA-D	SOUTH LAKE TAHOE CA	93.3	LIC	BLDTT	-20081010BFY
48	K48GG	HAWTHORNE NV	204.2	CP MOD	BMPDPT	-20090521ADM
49	K49EA	CROWLEY LAKE CA	231.6	CP	BDFCDTT	-20090515ACV
49	KMPH-LD	MERCED-MARIPOSA CA	150.5	CP	BDCCDTL	-20061004AIN
49	K49CT	PARADISE CA	115.8	LIC	BLTT	-19900207JC
49	KSTS	SAN JOSE CA	144.5	LIC	BLCDT	-20030507AAT
49	KSTS	SAN JOSE CA	144.5	PLN	DTVPLN	-DTVP1731
49	K42HE	SANTA ROSA CA	132.9	CP	BDISDTL	-20090317ADT
49	K49CK	STEAD, ETC. NV	144.9	LIC	BLTT	-19900126IB
49	K49CK	STEAD/LAWTON NV	144.9	CP	BDFCDTT	-20081020ALD
49	K49BK-D	WINNEMUCCA NV	387.3	LIC	BLDTT	-20070404AAJ
49	K49FZ	YERINGTON NV	165.0	LIC	BLTT	-20020423AAY
50	KBIT-LD	CHICO CA	88.0	CP MOD	BMPDPT	-20071009AKX
50	K50AI	HAWTHORNE NV	204.2	CP MOD	BMPDPT	-20090521ADN
51	KDTV	SAN FRANCISCO CA	144.5	LIC	BLCDT	-20021015ABK
51	KDTV	SAN FRANCISCO CA	144.5	PLN	DTVPLN	-DTVP1790
42	NEW-LD	NAPA 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 59

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	NEW-LD	NAPA CA	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application	Ref. No.
41	KOTR-LD	GONZALES CA	211.5	CP	BDCCDTL	-20081205ACL
41	KKPX-TV	SAN JOSE CA	84.2	LIC	BLCDT	-20021108ABD
41	KKPX	SAN JOSE CA	84.2	PLN	DTVPLN	-DTVP1462
42	KVHF-LP	FRESNO CA	277.1	CP	BDISDTL	-20090108AOE
42	KBKF-LD	GLEN ARBOR CA	141.9	CP MOD	BMPDPT	-20070927AJO
42	K42HL	OROVILLE CA	149.8	LIC	BLTT	-20060907AAG
42	K42HL	OROVILLE/PARADISE CA	149.8	APP	BSTA	-20060310AAZ
42	KQSK-LP	REDDING CA	329.1	CP	BDFCDTL	-20061206AFH
42	KMSX-LD	SACRAMENTO CA	123.3	CP	BDISDTL	-20090210ABO
42	KTVU	SAN JOSE CA	103.3	APP	BDRTCT	-20090529AKX
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	84.2	CP	BDCCDTL	-20060928AHY
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	102.0	APP	BMPDPT	-20090526ACF
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	102.0	APP	BSTA	-20090610ABM
42	KAXT-LD	SANTA CLARA-SAN JOSE CA	102.0	APP	BMPDPT	-20090114ABH
42	K42HE	UKIAH CA	109.6	LIC	BLTTL	-20081222ABC
43	NEW	SACRAMENTO CA	111.4	APP	BNPEDT	-20030922AFW
43	NEW	SACRAMENTO CA	82.0	APP	BNPEDT	-20030922AFV
43	KCSM-TV	SAN MATEO CA	77.7	CP	BPEDT	-20080825AAV
43	KCSM-TV	SAN MATEO CA	77.7	PLN	DTVPLN	-DTVP1530
43	KCSM-TV	SAN MATEO CA	77.7	LIC	BLEDT	-20030822AFZ

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 52 of 52)

Total scenarios = 102

Result key: 239
Scenario 1 Affected station 59 NEW-LD
Before Analysis

Results for: 42A CA NAPA USERRECORD01 APP
HAAT 596.0 m, ATV ERP 1.3 kW
POPULATION AREA (sq km)
within Noise Limited Contour 651100 5001.9
not affected by terrain losses 480514 3976.2
lost to NTSC IX 8104 35.3
lost to additional IX by ATV 49931 163.8
lost to ATV IX only 53346 179.4
lost to all IX 58035 199.1

Potential Interfering Stations Included in above Scenario 1

42N CA OROVILLE	BLTT	20060907AAG	LIC
42N CA UKIAH	BLTTL	20081222ABC	LIC
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
42A CA GLEN ARBOR	BMPDPT	20070927AJO	CP
42A CA SACRAMENTO	BDISDTL	20090210ABO	CP
42A CA SANTA CLARA-SAN JOSE	BDCCDTL	20060928AHY	CP
43A CA SAN MATEO	BPEDT	20080825AAV	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: 42											
2.	Translator Input Channel No. : 29											
3.	Primary station proposed to be rebroadcast:											
	Facility Identifier	Call Sign	City	State	Channel							
	25452	KPIX-TV	SAN FRANCISCO	CA	29							
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): 1.28 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 ERI Model ALP8L6-HSMR-42 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): <input checked="" type="checkbox"/> No Rotation											
	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
	0	0.49	10	0.425	20	0.358	30	0.287	40	0.212	50	0.141
	60	0.101	70	0.100	80	0.122	90	0.132	100	0.122	110	0.100
	120	0.101	130	0.141	140	0.212	150	0.287	160	0.358	170	0.425
	180	0.490	190	0.556	200	0.626	210	0.698	220	0.767	230	0.832
	240	0.895	250	0.949	260	0.985	270	1.0	280	0.985	290	0.949
	300	0.895	310	0.832	320	0.767	330	0.698	340	0.626	350	0.556
	Additional Azimuths											

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.	

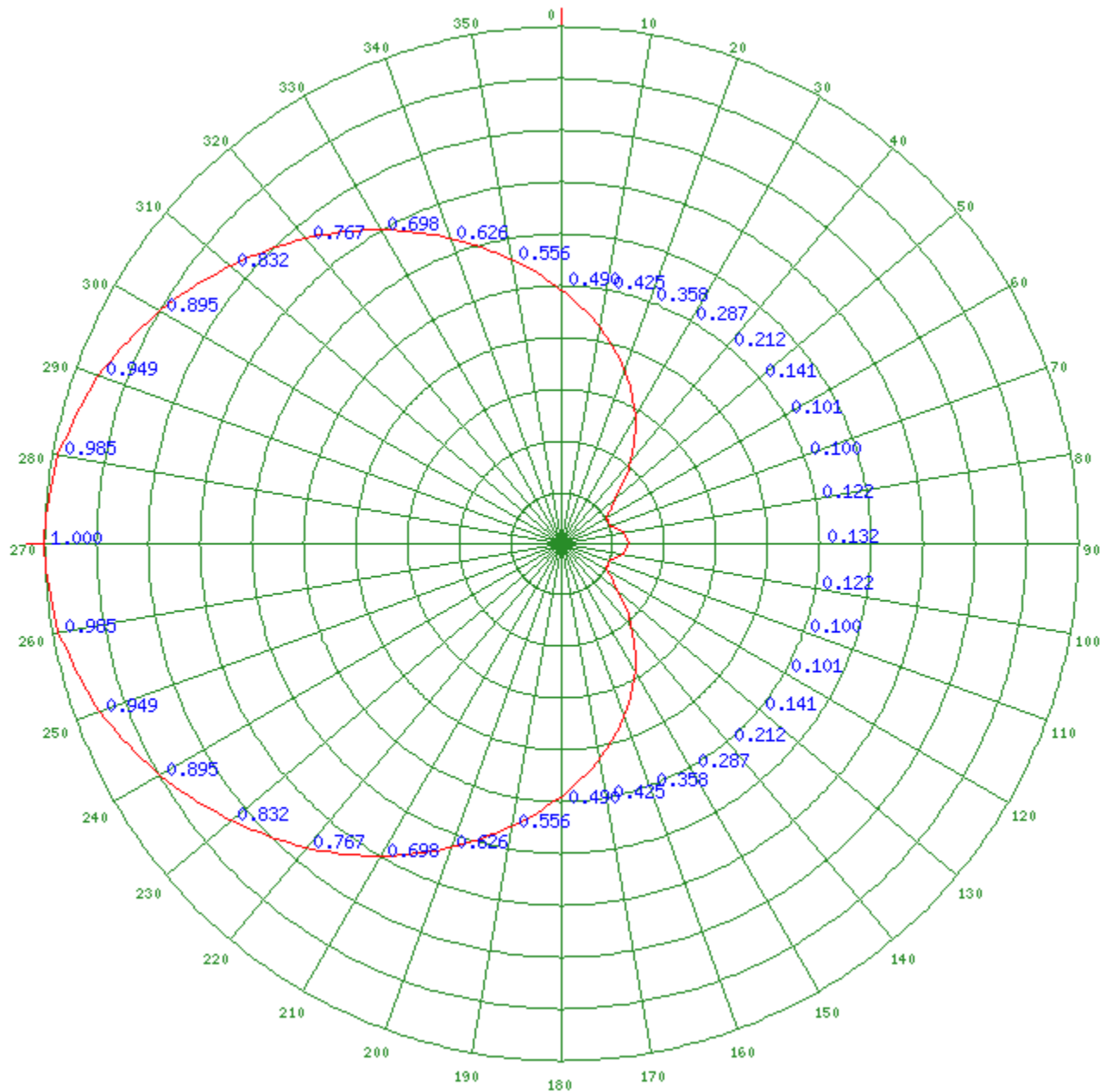
SECTION III PREPARER'S CERTIFICATION

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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