

DELAWDER COMMUNICATIONS, INC.

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ENGINEERING REPORT

Hispanic Christian Community Network, Inc.

K42HE: Site Move Minor Mod. to Willits Tower (Serving Ukiah, CA)

EXHIBIT 8

LPTV MINOR MODIFICATION – INTERFERENCE STUDIES

1. Hispanic Christian Community Network, Inc. ("Applicant") is the licensee of K42HE, Fort Bragg, CA, analog channel 42. By this analog minor modification application, Applicant proposes a new transmitter site located near Willits, CA (with a community of license change to Ukiah, CA). K42HE will continue to operate on channel 42 from the new transmitter site.

2. Attached as Figure 1 is a map showing 74 dBu (F50,50) service contour overlap between the licensed and proposed K42HE facilities. Because there is no proposed channel change, and given that the licensed and proposed service contours overlap, this filing qualifies as a minor modification application.

3. The use of minus frequency offset is made in order to add protection to and from any nearby analog co-channel station. The applicant will maintain the requested offset per 47 C.F.R. Section 74.761 by use of a precision oscillator supplied by the transmitter manufacturer.

4. This application does not require coordination with Mexico or Canada.

5. Attached as Figure 2 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications' SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC's OET-69 processing program.) As demonstrated by Figure 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

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

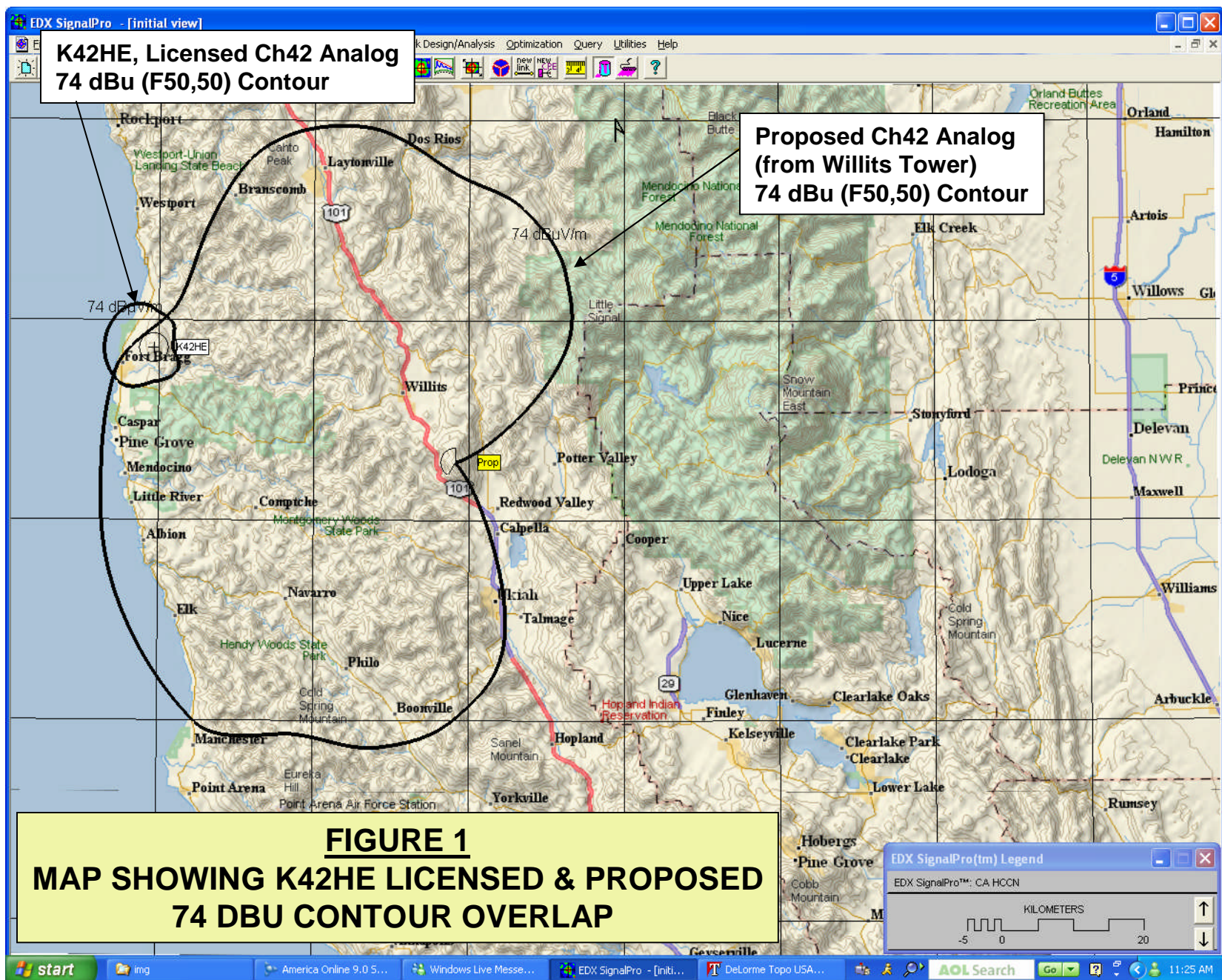


FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-17-2007 Time: 12:16:26

Record Selected for Analysis

WILLETS (UKIAH) USERRECORD-01 UKIAH CA US
Channel 42 ERP 150. kW HAAT 720. m RCAMSL 01028 m
Latitude 039-19-23 Longitude 0123-16-19
Status APP Zone 2 Border Offset -
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 285.
Last update Cutoff date Docket
Comments
Applicant

1990 Census data selected

Cell Size for Service Analysis 2.0 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)	74.0 dBu F(50,50) (km)
0.0	77.652	353.6	40.1
45.0	2.160	443.7	21.2
90.0	0.000	635.4	0.6
135.0	0.000	720.1	0.6
180.0	12.833	614.3	35.6
225.0	132.258	564.2	51.0
270.0	106.345	546.8	48.9
315.0	105.588	503.4	47.5

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
42	WILLETS	WILLETS CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	K27EE	UKIAH CA	27.6	LIC	BLTT	-19950322IC
41	K41AF	UKIAH CA	27.6	LIC	BLTT	-19830125IM
42	KTNC-TV	CONCORD CA	198.8	LIC	BLCT	-19830630KF
42	K42HE	FORT BRAGG CA	44.6	CP	BNPTTL	-20000828AIM
42	KQSX-LP	REDDING CA	185.1	LIC	BLTTL	-20051031AGV
42	KSYS	MEDFORD OR	374.5	CP	BPEDT	-20000421ABU
43	K43AF	UKIAH CA	27.6	LIC	BLTT	-19830125IL

[illegible]

Analysis of Interference to Affected Station 1

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	CP MOD	BMPEDT	-20060804AFZ
23	KRCB-DT	COTATI CA	96.6	PLN	DTVPLN	-DTVP0512
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	LIC	BLTTA	-20030123ACJ
27	KUCO-LP	RED BLUFF CA	151.2	STA	BSTA	-20030417ACD
27	K27EU	SACRAMENTO CA	156.7	LIC	BLTTL	-19970213JG
27	KTSF-DT	SAN FRANCISCO CA	169.1	PLN	DTVPLN	-DTVP0665
27	KTSF	SAN FRANCISCO CA	169.1	LIC	BLCDT	-20050131AOD
27	KREN-TV	RENO NV	277.3	CP	BPCT	-20040507AAV
27	KMVU-DT	MEDFORD OR	354.7	PLN	DTVPLN	-DTVP0685
27	KMVU	MEDFORD OR	354.7	LIC	BLCDT	-20060403BQW
28	KDTV-CA	SANTA ROSA CA	65.9	LIC	BLTTA	-20030212AAT
42	WILLETS	WILLETS CA	27.6	APP	USERRECORD-01	

Total scenarios = 2

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Result key:      1
Scenario        1 Affected station      1
Before Analysis
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Results for: 27N CA UKIAH	BLTT	19950322IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	31033	585.2	

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

not affected by terrain losses	31029	540.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 27N CA UKIAH	BLTT	19950322IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	31033	585.2	
not affected by terrain losses	31029	540.8	
lost to NTSC IX	46	16.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	46	16.1	

Potential Interfering Stations Included in above Scenario 1

42N CA WILLETS	USERRECORD01	APP	
*Percent Service lost without proposal:	0.0	to BLTT	19950322IC
*Percent Service lost with proposal:	0.1	to BLTT	19950322IC

Result key: 2
 Scenario 2 Affected station 1
 Before Analysis

Results for: 27N CA UKIAH	BLTT	19950322IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	31033	585.2	
not affected by terrain losses	31029	540.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 27N CA UKIAH	BLTT	19950322IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	31033	585.2	
not affected by terrain losses	31029	540.8	
lost to NTSC IX	46	16.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	46	16.1	

Potential Interfering Stations Included in above Scenario 2

42N CA WILLETS	USERRECORD01	APP	
*Percent Service lost without proposal:	0.0	to BLTT	19950322IC
*Percent Service lost with proposal:	0.1	to BLTT	19950322IC

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

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Analysis of Interference to Affected Station 2

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	K40IB	CLOVERDALE CA	34.5	CP MOD	BMP TTL	-20060331AYU
41	KKPM-LD	CHICO CA	110.3	APP	BDISDTL	-20070411ACU
41	KKPM-LD	CHICO CA	110.3	APP	BDISDTL	-20070305ACT
41	KKPX	SAN JOSE CA	169.0	LIC	BLC DT	-20021108ABD
41	KLXV-DT	SAN JOSE CA	248.4	PLN	DTVPLN	-DTVP1152
41	KNVV-LP	RENO NV	277.2	LIC	BLT TL	-20010829ABA
56	K56AW	LAKEPORT CA	31.5	LIC	BLTT	-19800317ID
42	WILLETS	WILLETS CA	27.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 2
 Before Analysis

Results for: 41N CA UKIAH	BLTT	19830125IM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	29083	476.2	
not affected by terrain losses	29083	448.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 41N CA UKIAH	BLTT	19830125IM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	29083	476.2	
not affected by terrain losses	29083	448.0	
lost to NTSC IX	26	16.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	26	16.1	

Potential Interfering Stations Included in above Scenario 1

42N CA WILLETS	USERRECORD01	APP	
*Percent Service lost without proposal:	0.0	to BLTT	19830125IM
*Percent Service lost with proposal:	0.1	to BLTT	19830125IM

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
42	KTNCTV	CONCORD CA	DTVPLN	-NPLN1617

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KPST-DT	VALLEJO CA	50.9	PLN	DTVPLN	-DTVP0927
35	KCRA-DT	SACRAMENTO CA	54.6	PLN	DTVPLN	-DTVP0965
35	KCBA	SALINAS CA	131.1	PLN	DTVPLN	-NPLN1490
39	KCNS-DT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-DTVP1080
40	KTXL	SACRAMENTO CA	54.4	PLN	DTVPLN	-NPLN1578
41	KLXV-DT	SAN JOSE CA	87.0	PLN	DTVPLN	-DTVP1152
43	KSBW-DT	SALINAS CA	93.4	PLN	DTVPLN	-DTVP1219
44	KBHKT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-NPLN1654
45	KBHK-DT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-DTVP1290
46	KQCA-DT	STOCKTON CA	51.9	PLN	DTVPLN	-DTVP1319
49	KSTS-DT	SAN JOSE CA	45.5	PLN	DTVPLN	-DTVP1411
50	KTEH-DT	SAN JOSE CA	45.4	PLN	DTVPLN	-DTVP1440
50	KFTY	SANTA ROSA CA	107.4	PLN	DTVPLN	-NPLN1769
56	KTVU-DT	OAKLAND CA	50.9	PLN	DTVPLN	-DTVP1580
57	KRON-DT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-DTVP1601

Results for: 42N CA CONCORD		DTVPLN	NPLN1617	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		7811443	31544.5	
not affected by terrain losses		6381354	26265.0	
lost to NTSC IX		173535	296.6	
lost to additional IX by ATV		230978	364.8	
lost to all IX		404513	661.4	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KTNC-TV	CONCORD CA	BLCT	-19830630KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KFSF-TV	VALLEJO CA	51.0	LIC	BLCDT	-20030620ABV
34	KPST-DT	VALLEJO CA	50.9	PLN	DTVPLN	-DTVP0927
35	KCRA-DT	SACRAMENTO CA	54.6	PLN	DTVPLN	-DTVP0965
35	KCBA	SALINAS CA	131.1	LIC	BLCT	-19811022KE
39	KCNS	SAN FRANCISCO CA	51.0	LIC	BLCDT	-20060221AES
39	KCNS-DT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-DTVP1080
40	KTXL	SACRAMENTO CA	54.4	LIC	BLCT	-19851112KI
41	KKPX	SAN JOSE CA	52.3	LIC	BLCDT	-20021108ABD
41	KLXV-DT	SAN JOSE CA	87.0	PLN	DTVPLN	-DTVP1152
43	900312KG	SACRAMENTO CA	122.5	APP	BPEDT	-19900312KG
43	NEW	SACRAMENTO CA	122.5	APP	BNPEDT	-20030922ADI
43	NEW	SACRAMENTO CA	89.2	APP	BNPEDT	-20030922AFV
43	NEW	SACRAMENTO CA	122.5	LIC	BPRM	-20000717ABT

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

43	NEW	SACRAMENTO CA	52.5	APP	BNP EDT	-20030922ADP
43	NEW	SACRAMENTO CA	121.3	APP	BNP EDT	-20030919AAV
43	NEW	SACRAMENTO CA	122.5	APP	BNP EDT	-20030922AAX
43	NEW	SACRAMENTO CA	122.5	APP	BNP EDT	-20030922ADW
43	NEW	SACRAMENTO CA	122.5	APP	BNP EDT	-20030922AFW
43	NEW	SACRAMENTO CA	52.5	APP	BNP EDT	-20030922ADP
43	NEW	SACRAMENTO CA	122.5	APP	BNP EDT	-20030922AFZ
43	NEW	SACRAMENTO CA	122.5	APP	BNP EDT	-20030922AFZ
43	KSBW-DT	SALINAS CA	93.4	PLN	DTVPLN	-DTVP1219
43	KCSM-TV	SAN MATEO CA	51.0	LIC	BLED T	-20030822AFZ
43	KCSM	SAN MATEO CA	51.0	LIC	BPRM	-20011009ADM
44	KBCW	SAN FRANCISCO CA	50.9	LIC	BLCT	-19881220KG
45	KBCW	SAN FRANCISCO CA	51.0	LIC	BLC DT	-20020709AAQ
45	KBHK-DT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-DTVP1290
46	KQCA-DT	STOCKTON CA	51.9	PLN	DTVPLN	-DTVP1319
46	KQCA	STOCKTON CA	54.6	LIC	BLC DT	-20060623AAM
49	KSTS-DT	SAN JOSE CA	45.5	PLN	DTVPLN	-DTVP1411
49	KSTS	SAN JOSE CA	43.8	LIC	BLC DT	-20030507AAT
50	KTEH	SAN JOSE CA	45.1	LIC	BLED T	-20040826AAR
50	KTEH-DT	SAN JOSE CA	45.4	PLN	DTVPLN	-DTVP1440
50	KFTY	SANTA ROSA CA	107.4	LIC	BLCT	-19850726KH
56	KTVU-DT	OAKLAND CA	50.9	PLN	DTVPLN	-DTVP1580
57	KRON-DT	SAN FRANCISCO CA	50.9	PLN	DTVPLN	-DTVP1601
42	WILLETS	WILLETS CA	198.8	APP	USERRECORD-01	

Total scenarios = 288

Result key: 4
 Scenario 1 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD		BLCT	19830630KF	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5		
not affected by terrain losses	6381354	26265.0		
lost to NTSC IX	173535	296.6		
lost to additional IX by ATV	351584	725.6		
lost to all IX	525119	1022.2		

Potential Interfering Stations Included in above Scenario 1

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLC DT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLC DT	20060221AES	LIC
41A CA SAN JOSE	BLC DT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLC DT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD		BLCT	19830630KF	LIC
		POPULATION	AREA (sq km)	

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

within Noise Limited Contour	7811443	31544.5
not affected by terrain losses	6381354	26265.0
lost to NTSC IX	174158	308.7
lost to additional IX by ATV	351584	725.6
lost to all IX	525742	1034.2

Potential Interfering Stations Included in above Scenario 1

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	BLCDDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:	6.7	to BLCT	19830630KF
*Percent Service lost with proposal:	6.7	to BLCT	19830630KF

Result key: 5
 Scenario 2 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD

	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	351584	725.6	
lost to all IX	525119	1022.2	

Potential Interfering Stations Included in above Scenario 2

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	BLCDDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD

	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	351584	725.6	
lost to all IX	525742	1034.2	

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

Potential Interfering Stations Included in above Scenario 2

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	BLCDDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:	6.7	to BLCT	19830630KF
*Percent Service lost with proposal:	6.7	to BLCT	19830630KF

Result key: 6
 Scenario 3 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	356694	713.5	
lost to all IX	530229	1010.2	

Potential Interfering Stations Included in above Scenario 3

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	BLCDDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	356694	713.5	
lost to all IX	530852	1022.2	

Potential Interfering Stations Included in above Scenario 3

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:	6.8	to BLCT	19830630KF
*Percent Service lost with proposal:	6.8	to BLCT	19830630KF

Result key: 7
 Scenario 4 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	356694	713.5	
lost to all IX	530229	1010.2	

Potential Interfering Stations Included in above Scenario 4

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	356694	713.5	
lost to all IX	530852	1022.2	

Potential Interfering Stations Included in above Scenario 4

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

49A CA SAN JOSE	BLCDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:		6.8	to BLCT 19830630KF
*Percent Service lost with proposal:		6.8	to BLCT 19830630KF

Result key: 8
 Scenario 5 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	358015	725.6	
lost to all IX	531550	1022.2	

Potential Interfering Stations Included in above Scenario 5

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BPRM	20011009ADM	LIC
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	358015	725.6	
lost to all IX	532173	1034.2	

Potential Interfering Stations Included in above Scenario 5

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	BLCDT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BPRM	20011009ADM	LIC
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:		6.8	to BLCT 19830630KF

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

*Percent Service lost with proposal: 6.8 to BLCT 19830630KF

Result key: 9
 Scenario 6 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	358015	725.6	
lost to all IX	531550	1022.2	

Potential Interfering Stations Included in above Scenario 6

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLC DT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLC DT	20060221AES	LIC
41A CA SAN JOSE	BLC DT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BPRM	20011009ADM	LIC
45A CA SAN FRANCISCO	BLC DT	20020709AAQ	LIC
49A CA SAN JOSE	BLC DT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	358015	725.6	
lost to all IX	532173	1034.2	

Potential Interfering Stations Included in above Scenario 6

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLC DT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLC DT	20060221AES	LIC
41A CA SAN JOSE	BLC DT	20021108ABD	LIC
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BPRM	20011009ADM	LIC
45A CA SAN FRANCISCO	BLC DT	20020709AAQ	LIC
49A CA SAN JOSE	BLC DT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:	6.8	to BLCT	19830630KF
*Percent Service lost with proposal:	6.8	to BLCT	19830630KF

Result key: 10
 Scenario 7 Affected station 3

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	238877	380.8	
lost to all IX	412412	677.5	

Potential Interfering Stations Included in above Scenario 7

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLC DT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLC DT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLC DT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	238877	380.8	
lost to all IX	413035	689.5	

Potential Interfering Stations Included in above Scenario 7

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLC DT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLC DT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLC DT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:		5.3 to BLCT	19830630KF
*Percent Service lost with proposal:		5.3 to BLCT	19830630KF

Result key: 11
 Scenario 8 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

not affected by terrain losses	6381354	26265.0
lost to NTSC IX	173535	296.6
lost to additional IX by ATV	238877	380.8
lost to all IX	412412	677.5

Potential Interfering Stations Included in above Scenario 8

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	238877	380.8	
lost to all IX	413035	689.5	

Potential Interfering Stations Included in above Scenario 8

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SALINAS	DTVPLN	DTVP1219	PLN
45A CA SAN FRANCISCO	BLCDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:	5.3	to BLCT	19830630KF
*Percent Service lost with proposal:	5.3	to BLCT	19830630KF

Result key: 12
 Scenario 9 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	272056	577.3	
lost to all IX	445591	873.9	

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

Potential Interfering Stations Included in above Scenario 9

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	272056	577.3	
lost to all IX	446214	885.9	

Potential Interfering Stations Included in above Scenario 9

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	DTVPLN	DTVP1411	PLN
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01		APP
*Percent Service lost without proposal:	5.7	to BLCT	19830630KF
*Percent Service lost with proposal:	5.7	to BLCT	19830630KF

Result key: 13
 Scenario 10 Affected station 3
 Before Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	173535	296.6	
lost to additional IX by ATV	272056	577.3	
lost to all IX	445591	873.9	

Potential Interfering Stations Included in above Scenario 10

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN

After Analysis

Results for: 42N CA CONCORD	BLCT	19830630KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7811443	31544.5	
not affected by terrain losses	6381354	26265.0	
lost to NTSC IX	174158	308.7	
lost to additional IX by ATV	272056	577.3	
lost to all IX	446214	885.9	

Potential Interfering Stations Included in above Scenario 10

44N CA SAN FRANCISCO	BLCT	19881220KG	LIC
34A CA VALLEJO	BLCDDT	20030620ABV	LIC
39A CA SAN FRANCISCO	BLCDDT	20060221AES	LIC
41A CA SAN JOSE	DTVPLN	DTVP1152	PLN
43A CA SACRAMENTO	BPRM	20000717ABT	LIC
43A CA SAN MATEO	BLEDT	20030822AFZ	LIC
45A CA SAN FRANCISCO	BLCDDT	20020709AAQ	LIC
49A CA SAN JOSE	BLCDDT	20030507AAT	LIC
56A CA OAKLAND	DTVPLN	DTVP1580	PLN
57A CA SAN FRANCISCO	DTVPLN	DTVP1601	PLN
42N CA WILLETS	USERRECORD01	APP	
*Percent Service lost without proposal:	5.7	to BLCT	19830630KF
*Percent Service lost with proposal:	5.7	to BLCT	19830630KF

(NOTE: SCENARIOS 11 THROUGH 288 SHOW SIMILAR RESULTS AND HAVE BEEN REMOVED. NONE OF THE 288 SCENARIOS SHOW AND INTERFERENCE INCREASE ABOVE 0.4%.)

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	K42HE	FORT BRAGG CA	BNPTTL -20000828AIM

(NOTE: STATION BEING MODIFIED. STUDIES REMOVED.)

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Analysis of Interference to Affected Station 5

Analysis of current record

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

Channel	Call	City/State	Application Ref. No.
42	KQSX-LP	REDDING CA	BLTTL -20051031AGV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KRCRTV	REDDING CA	33.3	LIC	BPRM -20000412AAE
34	KRCR-TV	REDDING CA	33.3	LIC	BLCDDT -20060926ACS
35	KTVL-DT	MEDFORD OR	133.9	PLN	DTVPLN -DTVP0989
42	K42HJ	CHICO CA	142.6	CP	BNPTTL -20000828BHP
42	KTNC-TV	CONCORD CA	337.1	LIC	BLCT -19830630KF
42	K42HL	OROVILLE CA	164.1	LIC	BLTT -20060907AAG
42	K42HL	OROVILLE/PARADISE CA	164.1	APP	BSTA -20060310AAZ
42	KFMD-LP	REDDING CA	25.9	CP MOD	BMPTTL -20040513AAS
42	K67BY	SUSANVILLE, ETC. CA	189.0	CP	BPTT -20040413ABA
42	KSYS-DT	MEDFORD OR	209.1	PLN	DTVPLN -DTVP1206
43	KHSL-DT	CHICO CA	123.8	PLN	DTVPLN -DTVP1217
42	WILLETS	WILLETS CA	185.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
42	KSYS-DT	MEDFORD OR	DTVPLN -DTVP1206

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	NEW	COOS BAY OR	104.2	PLN	DTVPLN -NPLN1609

Results for: 42A OR MEDFORD DTVPLN DTVP1206 PLN

HAAT 818.0 m, ATV ERP 550.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	413521	47153.1
not affected by terrain losses	308331	32344.9
lost to NTSC IX	1537	180.3
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	1537	180.3

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
08	KSYS	MEDFORD OR	DTVPLN -NPLN0559

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KOACTV	CORVALLIS OR	216.6	PLN	DTVPLN -NPLN0497
08	KFWU	FORT BRAGG CA	334.5	PLN	DTVPLN -NPLN0520
08	KGW	PORTLAND OR	316.9	PLN	DTVPLN -NPLN0560
09	KEZI	EUGENE OR	159.3	PLN	DTVPLN -NPLN0620

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

Results for:	8N OR MEDFORD	DTVPLN	NPLN0559	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		413490	47141.1	
not affected by terrain losses		325312	33354.6	
lost to NTSC IX		2884	548.9	
lost to additional IX by ATV		0	0.0	
lost to all IX		2884	548.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KSYS	MEDFORD OR	BPEDT	-20000421ABU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	960920WZ	COOS BAY OR	104.2	APP	BPCT	-19960920WZ
41	970730KU	COOS BAY OR	110.9	APP	BPCT	-19970730KU
42	NEW	PORTLAND OR	316.4	ADD	BPRM	-20000717ABY
42	WILLETS	WILLETS CA	374.5	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.
43	K43AF	UKIAH CA	BLTT	-19830125IL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KHSL-DT	CHICO CA	150.7	PLN	DTVPLN	-DTVP1217
43	KMCE-LP	MONTEREY CA	297.2	LIC	BLTTTL	-20030711ABL
43	900312KG	SACRAMENTO CA	201.0	APP	BPEDT	-19900312KG
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT	-20030922ADI
43	NEW	SACRAMENTO CA	183.0	APP	BNPEDT	-20030922AFV
43	NEW	SACRAMENTO CA	201.0	LIC	BPRM	-20000717ABT
43	NEW	SACRAMENTO CA	168.6	APP	BNPEDT	-20030922ADP
43	NEW	SACRAMENTO CA	187.2	APP	BNPEDT	-20030919AAV
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT	-20030922AAX
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT	-20030922ADW
43	NEW	SACRAMENTO CA	168.6	APP	BNPEDT	-20030922AFW
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT	-20030922ADP
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT	-20030922AFZ
43	NEW	SACRAMENTO CA	201.0	APP	BNPEDT	-20030922AFZ
43	KSBW-DT	SALINAS CA	256.2	PLN	DTVPLN	-DTVP1219
43	KCSM-TV	SAN MATEO CA	161.4	LIC	BLEDT	-20030822AFZ
43	KCSM	SAN MATEO CA	161.4	LIC	BPRM	-20011009ADM
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	LIC	BLTTTL	-20070321AAP
47	KWOK-DT	NOVATO CA	116.2	PLN	DTVPLN	-DTVP1352
47	KTLN-TV	NOVATO CA	116.0	CP	BPCDT	-19991026ABE
58	K58AW	LAKEPORT CA	31.5	LIC	BLTT	-19800317IE

FIGURE 2—OET-69 STUDY FOR K42HE FROM WILLITS TOWER (CHANNEL 42-)

42 WILLETS WILLETS CA 27.6 APP USERRECORD-01

Total scenarios = 1

Result key: 294
 Scenario 1 Affected station 7
 Before Analysis

Results for: 43N CA UKIAH	BLTT	19830125IL	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	29040	472.2	
not affected by terrain losses	29040	456.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 43N CA UKIAH	BLTT	19830125IL	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	29040	472.2	
not affected by terrain losses	29040	456.1	
lost to NTSC IX	30	44.4	
lost to additional IX by ATV	0	0.0	
lost to all IX	30	44.4	

Potential Interfering Stations Included in above Scenario 1

42N CA WILLETS	USERRECORD01	APP	
*Percent Service lost without proposal:	0.0	to BLTT	19830125IL
*Percent Service lost with proposal:	0.1	to BLTT	19830125IL

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