

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: KLFB AT KION ASR1015714, Model: Longley-Rice
Start: 2023.06.27 09:17:27

Study last edited: 2023.06.27 09:17:24

Proposal: KLFB-LD D22 LD CP SALINAS, CA
File number: KLFB AT KION ASR1015714
Facility ID: 30976
Station data: User record
Record ID: 169
Country: U.S.

Proposal "before": (none)

Study has been edited. Stations studied for impact of proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
K21PI-D	D21	LD	LIC	MONTEREY, CA	BLANK0000193989	39.9 km
KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000186489	147.0
KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	190.6
KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	147.0
KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	147.0
KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	217.5
KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	193.3
KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	109.5
KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	250.5
KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	26.8
KSCZ-LD	D23	LD	LIC	SAN JOSE-SAN FRANCIS, CA	BLANK0000112952	109.5
KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	192.7
KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	192.7

Record parameters as studied:

Channel: D22
Mask: Stringent
Latitude: 36 32 5.00 N (NAD83)
Longitude: 121 37 18.00 W
Height AMSL: 1073.0 m
HAAT: 758.7 m
Peak ERP: 15.0 kW
Antenna: IRTE-2 X 1 PANEL (ID 1010586) 0.0 deg
Elev Pattern: Generic

49.6 dBu contour:			
Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	1013.9 m	78.9 km
45.0	2.98	1002.7	66.4
90.0	0.010	949.0	29.3
135.0	0.003	230.7	12.0
180.0	0.000	585.6	2.7
225.0	0.003	655.6	19.7
270.0	0.010	799.9	27.5
315.0	2.98	831.9	63.6

Distance to Canadian border: 1308.7 km

Distance to Mexican border: 580.4 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 355.0 degrees Distance: 132.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 69.4 degrees Distance: 1479.3 km

Study cell size: 1.00 km
Profile point spacing: 0.20 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000193989 LIC scenario 1
Proposal causes no interference.

Interference to BLANK0000186489 LIC scenario 1
Proposal causes no interference.

Interference to BLANK0000115705 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	190.6 km
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	56.7
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	89.3
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000001059	209.2
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	102.8

KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	102.8
KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	108.9
KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	2.7
KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	89.3
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Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
36549.8	7,055,976	33392.5	5,341,831	29736.9	4,751,388	0.00 0.00
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Undesired	Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP	2.0	0			0.0	0
K20JX-D D20 DC CP	8.0	0	6.0	0	6.0	0
KDTV-DT D20 DT LIC	111.2	25,456	10.1	2,094	10.1	2,094
KFTV-DT D21 DT LIC	1881.5	273,461	1291.1	186,972	1289.1	186,972
KCNZ-CD D21z DC LIC	728.5	73,191	0.0	0	0.0	0
KMTP-TV D21z DT LIC	731.5	73,191	1.0	0	1.0	0
KDTV-CD D21 DC LIC	1862.3	363,331	849.4	214,021	849.4	214,021
KTXL D22 DT LIC	371.7	32,767	252.5	23,792	252.5	23,792
KAXT-CD D22 DC LIC	3.0	37	0.0	0	0.0	0

Interference to BLANK0000115705 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	
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Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	190.6 km
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	67.0
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	89.3
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000001059	209.2
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	102.8
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	102.8
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	108.9
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	2.7
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	89.3
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Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
36549.8	7,055,976	33392.5	5,341,831	29741.9	4,751,388	29741.9	4,751,388 0.00 0.00
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Undesired	Total IX		Unique IX, before		Unique IX, after		
KLFB-LD D22 LD CP	2.0	0			0.0	0	
K20JX-D D20 DC LIC	6.0	318	1.0	0	1.0	0	
KDTV-DT D20 DT LIC	111.2	25,456	10.1	2,094	10.1	2,094	
KFTV-DT D21 DT LIC	1881.5	273,461	1291.1	186,972	1289.1	186,972	
KCNZ-CD D21z DC LIC	728.5	73,191	0.0	0	0.0	0	
KMTP-TV D21z DT LIC	731.5	73,191	1.0	0	1.0	0	
KDTV-CD D21 DC LIC	1862.3	363,331	846.4	213,703	846.4	213,703	
KTXL D22 DT LIC	371.7	32,767	252.5	23,792	252.5	23,792	
KAXT-CD D22 DC LIC	3.0	37	0.0	0	0.0	0	

Interference to BLANK0000186215 LIC scenario 1
Proposal causes no interference.

Interference to BLANK0000137431 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	
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Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	147.0 km
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	158.3
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	53.8
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	273.9
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	102.8
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	0.0
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	110.5
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	104.2
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	53.8
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Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
11779.5	6,325,549	9281.8	5,516,383	3475.2	984,883	3475.2	984,883 0.00 0.00
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Undesired	Total IX		Unique IX, before		Unique IX, after		
KLFB-LD D22 LD CP	3.0	511			0.0	0	
K20JX-D D20 DC CP	14.1	55	0.0	0	0.0	0	
KDTV-DT D20 DT LIC	480.1	172,720	0.0	0	0.0	0	
KFTV-DT D21 DT LIC	139.2	47,582	0.0	0	0.0	0	
KSPX-TV D21 DT LIC	334.3	116,389	0.0	0	0.0	0	
KCNZ-CD D21z DC LIC	5806.6	4,531,500	4553.9	4,134,928	4553.9	4,134,928	
KDTV-CD D21 DC LIC	746.9	273,356	0.0	0	0.0	0	
KTXL D22 DT LIC	114.9	14,980	0.0	0	0.0	0	
KAXT-CD D22 DC LIC	47.1	71,458	0.0	0	0.0	0	

Interference to BLANK0000137431 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	
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Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	147.0 km
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	53.8
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	273.9
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	102.8
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	0.0

KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	110.5
KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	104.2
KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	53.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
11779.5 6,325,549	9281.8 5,516,383	3475.2 984,883	3475.2 984,883	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KLFB-LD D22 LD CP	3.0 511	0.0 0	0.0 0
KDTV-DT D20 DT LIC	480.1 172,720	0.0 0	0.0 0
KFTV-DT D21 DT LIC	139.2 47,582	0.0 0	0.0 0
KSPX-TV D21 DT LIC	334.3 116,389	0.0 0	0.0 0
KCNZ-CD D21z DC LIC	5806.6 4,531,500	4553.9 4,134,928	4553.9 4,134,928
KDTV-CD D21 DC LIC	746.9 273,356	0.0 0	0.0 0
KTXL D22 DT LIC	114.9 14,980	0.0 0	0.0 0
KAXT-CD D22 DC LIC	47.1 71,458	0.0 0	0.0 0

Interference to BLANK0000148447 LIC scenario 1
Proposal causes no interference.

Interference to BLANK0000146740 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	193.3 km
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	2.7
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	104.2
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	104.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	107.4
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.7
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	322.9
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	1.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
42230.1 8,291,932	38317.4 6,082,808	37275.1 5,902,030	37230.7 5,891,341	0.12 0.18

Undesired	Total IX	Unique IX, before	Unique IX, after
KLFB-LD D22 LD CP	74.6 10,850	44.4 10,689	44.4 10,689
KSPX-TV D21 DT LIC	22.1 422	11.1 102	11.1 102
KCNZ-CD D21z DC LIC	9.1 38,439	2.0 12,273	2.0 12,273
KMTP-TV D21z DT LIC	6.1 22,396	0.0 0	0.0 0
KDTV-CD D21 DC LIC	18.0 11	11.0 11	11.0 11
KAXT-CD D22 DC LIC	503.3 138,699	487.2 114,122	471.0 113,965
KIFR D22 DT LIC	466.8 26,041	466.8 26,041	452.7 26,037
KQCA D23 DT CP	50.2 2,063	38.2 1,729	38.2 1,729

Interference to BLANK0000146740 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	193.3 km
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	2.7
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	104.2
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	104.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	107.4
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.7
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	322.9
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	1.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
42230.1 8,291,932	38317.4 6,082,808	37291.2 5,902,240	37246.8 5,891,551	0.12 0.18

Undesired	Total IX	Unique IX, before	Unique IX, after
KLFB-LD D22 LD CP	74.6 10,850	44.4 10,689	44.4 10,689
KSPX-TV D21 DT LIC	22.1 422	12.1 102	12.1 102
KCNZ-CD D21z DC LIC	9.1 38,439	2.0 12,273	2.0 12,273
KMTP-TV D21z DT LIC	6.1 22,396	0.0 0	0.0 0
KDTV-CD D21 DC LIC	18.0 11	11.0 11	11.0 11
KAXT-CD D22 DC LIC	503.3 138,699	487.2 114,122	471.0 113,965
KIFR D22 DT LIC	466.8 26,041	466.8 26,041	452.7 26,037
KQCA D23 DT LIC	33.1 1,853	22.1 1,519	22.1 1,519

Interference to BLANK0000117033 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	109.5 km
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	53.8
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	91.7
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	301.4
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	91.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
9636.8 5,381,713	6585.7 4,754,215	6494.5 4,751,791	6430.4 4,735,209	0.99 0.35

Undesired	Total IX	Unique IX, before	Unique IX, after
KLFB-LD D22 LD CP	66.1 16,709	64.1 16,582	64.1 16,582
KCNZ-CD D21z DC LIC	62.8 1,562	60.8 1,562	60.8 1,562

KTXL D22 DT LIC	29.4	862	25.3	862	23.3	735
KQCA D23 DT CP	3.0	0	1.0	0	1.0	0

Interference to BLANK0000117033 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	109.5 km
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	53.8
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	91.7
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	301.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
9636.8		5,381,713		6585.7		4,751,791	0.99 0.35
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		66.1		16,709		64.1	16,582
KCNZ-CD D21z DC LIC		62.8		1,562		60.8	1,562
KTXL D22 DT LIC		29.4		862		27.4	735

Interference to BLANK0000093296 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	250.5 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	102.1
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	220.7
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	241.0
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	322.9
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	0.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34655.3		2,175,577		30761.3		2,139,835	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		3.0		0		1.0	0
KFTV-DT D21 DT LIC		189.9		2,582		168.9	2,271
KTXL D22 DT LIC		60.0		435		37.0	124
KTFF-DT D23 DT LIC		13.0		1,116		13.0	1,116

Interference to BLANK0000143484 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	26.8 km
	KQSL	D23	LD	APP	FORT BRAGG, CA	BLANK0000112741	281.4
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	243.6
	KSCZ-LD	D23	LD	LIC	SAN JOSE-SAN FRANCIS, CA	BLANK0000112952	88.8
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	167.7
	KIMG-LD	D23	LD	CP	VENTURA, CA	BLANK0000190551	325.0
	KBIT-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000194128	41.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
11326.4		1,066,200		9820.6		846,657	0.24 0.13
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		26.0		1,079		23.0	1,059
KTFF-DT D23 DT LIC		10.0		0		6.0	0
KSCZ-LD D23 LD LIC		140.3		2,125		133.2	2,125
KQCA D23 DT CP		11.0		0		3.0	0
KBIT-LD D24+ LD LIC		7.0		20		5.0	0

Interference to BLANK0000143484 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	26.8 km
	KQSL	D23	LD	APP	FORT BRAGG, CA	BLANK0000112741	281.4
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	243.6
	KSCZ-LD	D23	LD	LIC	SAN JOSE-SAN FRANCIS, CA	BLANK0000112952	88.8
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	167.7
	KIMG-LD	D23	LD	CP	VENTURA, CA	BLANK0000190551	325.0
	KBIT-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000194128	41.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
11326.4		1,066,200		9820.6		846,657	0.24 0.13
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		26.0		1,079		23.0	1,059
KTFF-DT D23 DT LIC		10.0		0		6.0	0
KSCZ-LD D23 LD LIC		140.3		2,125		134.2	2,125
KQCA D23 DT LIC		10.0		0		3.0	0
KBIT-LD D24+ LD LIC		7.0		20		5.0	0

Interference to BLANK0000112952 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSCZ-LD	D23	LD	LIC	SAN JOSE-SAN FRANCIS, CA	BLANK0000112952	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	109.5 km
	KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	112.2
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	0.0
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	88.8
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	301.4
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	91.5
	KBIT-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000194128	49.8
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	88.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
5793.1 2,367,682		3735.7 2,102,015		3639.9 2,051,017		3639.9 2,051,017	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		6.0 77				0.0 0	
KAXT-CD D22 DC LIC		51.8 41,401		46.7 36,625		46.7 36,625	
KMUV-LD D23 LD LIC		40.0 14,321		28.0 9,196		27.0 9,196	
KTFF-DT D23 DT LIC		1.0 0		1.0 0		1.0 0	
KQCA D23 DT CP		14.1 256		3.0 52		3.0 52	
KBIT-LD D24+ LD LIC		3.0 145		0.0 0		0.0 0	
KMAX-TV D24 DT LIC		5.1 0		0.0 0		0.0 0	

Interference to BLANK0000112952 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSCZ-LD	D23	LD	LIC	SAN JOSE-SAN FRANCIS, CA	BLANK0000112952	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	109.5 km
	KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	112.2
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	0.0
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	88.8
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	301.4
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	91.5
	KBIT-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000194128	49.8
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	88.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
5793.1 2,367,682		3735.7 2,102,015		3639.9 2,051,017		3639.9 2,051,017	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		6.0 77				0.0 0	
KAXT-CD D22 DC LIC		51.8 41,401		46.7 36,625		46.7 36,625	
KMUV-LD D23 LD LIC		40.0 14,321		29.0 9,196		27.0 9,196	
KTFF-DT D23 DT LIC		1.0 0		1.0 0		1.0 0	
KQCA D23 DT LIC		13.1 256		3.0 52		3.0 52	
KBIT-LD D24+ LD LIC		3.0 145		0.0 0		0.0 0	
KMAX-TV D24 DT LIC		5.1 0		0.0 0		0.0 0	

Interference to BLANK0000127501 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	192.7 km
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	278.3
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
47050.4 10,727,382		41489.9 6,940,870		39212.1 6,729,546		39212.1 6,729,546	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP		2.0 2				0.0 0	
KTXL D22 DT LIC		51.1 2,927		29.0 2,255		29.0 2,255	
KAXT-CD D22 DC LIC		194.0 122,458		192.0 122,193		191.0 122,191	
KTFF-DT D23 DT LIC		837.2 50,574		831.2 50,309		830.2 50,309	
KRDT-CD D23 DC CP		1130.0 30,649		1119.1 30,632		1119.1 30,632	
KRXI-TV D23 DT LIC		11.0 207		1.0 198		1.0 198	
KMAX-TV D24 DT LIC		92.5 5,463		67.4 4,783		67.4 4,783	

Interference to BLANK0000127501 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	192.7 km
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	279.8
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
47050.4 10,727,382		41489.9 6,940,870		40239.8 6,759,770		40239.8 6,759,770	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	

KLFB-LD D22 LD CP	2.0	2			0.0	0
KTXL D22 DT LIC	51.1	2,927	30.0	2,255	30.0	2,255
KAXT-CD D22 DC LIC	194.0	122,458	192.0	122,193	191.0	122,191
KTFF-DT D23 DT LIC	837.2	50,574	831.2	50,309	830.2	50,309
KRDT-CD D23 DC LIC	97.3	417	91.4	408	91.4	408
KRXI-TV D23 DT LIC	11.0	207	3.0	198	3.0	198
KMAX-TV D24 DT LIC	92.5	5,463	69.4	4,791	69.4	4,791

Interference to BLANK0000143769 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	192.7 km
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	278.3
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
41039.3		10,079,859		36310.2		6,451,275	0.00
				34845.6		6,336,977	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP			1.0	0		0.0	0
KTXL D22 DT LIC			81.2	4,654		45.1	3,963
KAXT-CD D22 DC LIC			33.5	44,072		33.5	44,072
KTFF-DT D23 DT LIC			491.4	32,908		483.4	32,908
KRDT-CD D23 DC CP			783.1	25,155		775.1	25,147
KRXI-TV D23 DT LIC			11.0	1,134		5.0	1,134
KMAX-TV D24 DT LIC			112.6	7,074		74.5	6,375

Interference to BLANK0000143769 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	192.7 km
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	279.8
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
41039.3		10,079,859		36310.2		6,451,275	0.00
				35571.9		6,362,037	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP			1.0	0		0.0	0
KTXL D22 DT LIC			81.2	4,654		47.1	3,963
KAXT-CD D22 DC LIC			33.5	44,072		33.5	44,072
KTFF-DT D23 DT LIC			491.4	32,908		483.4	32,908
KRDT-CD D23 DC LIC			51.7	87		48.7	87
KRXI-TV D23 DT LIC			11.0	1,134		5.0	1,134
KMAX-TV D24 DT LIC			112.6	7,074		76.5	6,383

Interference to proposal scenario 1

2.23% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	
Undesireds:	K21PI-D	D21	LD	LIC	MONTEREY, CA	BLANK0000193989	39.9 km
	KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	217.5
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	193.3
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	109.5
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	250.5
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	26.8
Service area		Terrain-limited		IX-free		Percent IX	
6927.9		785,280		5863.7		649,158	1.02
				5803.8		634,685	2.23
Undesired			Total IX	Unique IX		Prcnt Unique IX	
K21PI-D D21 LD LIC			1.0	61		0.02	0.01
KAXT-CD D22 DC LIC			38.0	13,880		0.44	0.31
KIFR D22 DT LIC			6.0	0		0.10	0.00
KMUV-LD D23 LD LIC			27.0	12,389		0.26	0.08