

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: KLFB AT KION ASR1015714, Model: Longley-Rice
Start: 2023.06.14 09:05:45

Study last edited: 2023.06.14 09:05:39

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	250.3
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 12.70 W
Height AMSL: 1073.0 m
HAAT: 758.1 m
Peak ERP: 15.0 kW
Antenna: IRTE-2 X 1 PANEL (ID 1010586) 0.0 deg
Elev Pattn: Generic

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	1015.8 m	78.9 km
45.0	2.98	1006.2	66.5
90.0	0.010	954.2	29.3
135.0	0.003	231.9	12.0
180.0	0.000	575.1	2.7
225.0	0.003	656.1	19.7
270.0	0.010	797.4	27.5
315.0	2.98	828.0	63.6

Distance to Canadian border: 1308.7 km

Distance to Mexican border: 580.4 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 354.9 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: 1479.2 km

Study cell size: 1.00 km
Profile point spacing: 0.50 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

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21PI-D	D21	LD	LIC	MONTEREY, CA	BLANK0000193989	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	39.9 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	189.7
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCOT20110607ABB	299.7

Service area	289.3	24,927	Terrain-limited	227.2	17,463	IX-free, before	227.2	17,463	IX-free, after	226.2	17,463	Percent New IX	0.44	0.00
Undesired			Total IX		0	Unique IX, before			Unique IX, after	1.0	0			
KLFB-LD D22 LD CP			1.0											

Interference to BLANK0000186489 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000186489	
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
	K210Y-D	D21	LD	LIC	Chico, CA	BLANK0000185099	260.1
	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
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	0.0
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	110.5
	KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	73.1
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	104.2
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	53.8

Service area	8783.3	5,243,399	Terrain-limited	7192.4	4,551,468	IX-free, before	1923.2	715,824	IX-free, after	1923.2	715,824	Percent New IX	0.00	0.00
Undesired			Total IX			Unique IX, before			Unique IX, after					
KLFB-LD D22 LD CP			1.0		16				0.0		0			
KDTV-DT D20 DT LIC			51.4		21,736	0.0	0		0.0		0			
KFTV-DT D21 DT LIC			13.1		2,578	0.0	0		0.0		0			
KSPX-TV D21 DT LIC			96.0		23,989	0.0	0		0.0		0			
KCNZ-CD D21z DC LIC			5269.2		3,835,644	794.6	150,304		794.6		150,304			
KMTP-TV D21z DT LIC			4349.0		3,685,340	0.0	0		0.0		0			
KDTV-CD D21 DC LIC			676.2		133,069	0.0	0		0.0		0			
KTXL D22 DT LIC			8.1		8	0.0	0		0.0		0			

Interference to BLANK0000115705 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	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

Service area	36549.8	7,055,976	Terrain-limited	33176.2	5,402,915	IX-free, before	28990.5	4,698,246	IX-free, after	28989.4	4,698,246	Percent New IX	0.00	0.00
Undesired			Total IX			Unique IX, before			Unique IX, after					
KLFB-LD D22 LD CP			6.1		0				1.0		0			
K20JX-D D20 DC CP			15.0		0	9.0	0		9.0		0			
KDTV-DT D20 DT LIC			144.6		32,779	11.1	1,847		11.1		1,847			
KFTV-DT D21 DT LIC			1989.0		287,658	1340.6	163,783		1338.6		163,783			
KCNZ-CD D21z DC LIC			894.9		141,831	2.0	2,545		2.0		2,545			
KMTP-TV D21z DT LIC			894.9		138,519	1.0	0		1.0		0			
KDTV-CD D21 DC LIC			2285.1		490,539	1091.8	258,949		1091.8		258,949			
KTXL D22 DT LIC			392.7		38,311	242.5	18,924		242.5		18,924			
KAXT-CD D22 DC LIC			8.1		118	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	
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

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
36549.8 7,055,976	33176.2 5,402,915	28997.5 4,698,246	28996.4 4,698,246	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KLFB-LD D22 LD CP	6.1 0		1.0 0	
K20JX-D D20 DC LIC	8.0 521	2.0 0	2.0 0	
KDTV-DT D20 DT LIC	144.6 32,779	11.1 1,847	11.1 1,847	
KFTV-DT D21 DT LIC	1989.0 287,658	1339.6 163,729	1337.6 163,729	
KCNZ-CD D21z DC LIC	894.9 141,831	2.0 2,545	2.0 2,545	
KMTP-TV D21z DT LIC	894.9 138,519	1.0 0	1.0 0	
KDTV-CD D21 DC LIC	2285.1 490,539	1090.8 258,482	1090.8 258,482	
KTXL D22 DT LIC	392.7 38,311	242.5 18,924	242.5 18,924	
KAXT-CD D22 DC LIC	8.1 118	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	
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

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
11779.5 6,325,549	9261.2 5,559,560	2957.8 793,577	2957.8 793,577	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KLFB-LD D22 LD CP	10.0 538		0.0 0	
K20JX-D D20 DC CP	18.1 61	0.0 0	0.0 0	
KDTV-DT D20 DT LIC	558.8 183,368	0.0 0	0.0 0	
KFTV-DT D21 DT LIC	217.8 66,965	0.0 0	0.0 0	
KSPX-TV D21 DT LIC	485.6 151,136	0.0 0	0.0 0	
KCNZ-CD D21z DC LIC	6303.4 4,765,983	4692.1 4,257,523	4689.2 4,257,512	
KDTV-CD D21 DC LIC	971.9 373,077	0.0 0	0.0 0	
KTXL D22 DT LIC	178.4 24,988	0.0 0	0.0 0	
KAXT-CD D22 DC LIC	52.1 69,914	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	
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	9261.2 5,559,560	2957.8 793,577	2957.8 793,577	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KLFB-LD D22 LD CP	10.0 538		0.0 0	
KDTV-DT D20 DT LIC	558.8 183,368	0.0 0	0.0 0	
KFTV-DT D21 DT LIC	217.8 66,965	0.0 0	0.0 0	
KSPX-TV D21 DT LIC	485.6 151,136	0.0 0	0.0 0	
KCNZ-CD D21z DC LIC	6303.4 4,765,983	4692.1 4,257,523	4689.2 4,257,512	
KDTV-CD D21 DC LIC	971.9 373,077	0.0 0	0.0 0	
KTXL D22 DT LIC	178.4 24,988	0.0 0	0.0 0	
KAXT-CD D22 DC LIC	52.1 69,914	0.0 0	0.0 0	

Interference to BLANK0000148447 LIC scenario 1
Proposal causes no interference.

Interference to BLANK0000146740 LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	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	38013.4	6,061,021	36725.5	5,811,742	36651.0	5,808,464	0.20 0.06
Undesired		Total IX		Unique IX, before		Unique IX, after		
KLFB-LD	D22 LD CP	123.9	11,179			74.5	3,278	
KSPX-TV	D21 DT LIC	60.2	1,051	35.1	343	35.1	343	
KCNZ-CD	D21z DC LIC	21.3	64,048	1.0	1,671	1.0	1,671	
KMTP-TV	D21z DT LIC	19.2	40,566	1.0	300	1.0	300	
KDTV-CD	D21 DC LIC	30.1	1,302	14.0	788	14.0	788	
KAXT-CD	D22 DC LIC	642.6	212,926	601.3	146,360	577.1	145,486	
KIFR	D22 DT LIC	496.8	25,724	490.8	25,724	470.7	25,680	
KQCA	D23 DT CP	102.3	5,853	74.2	5,113	74.2	5,113	

Interference to BLANK0000146740 LIC scenario 2

Desired:	Call KTXL	Chan D22	Svc DT	Status LIC	City, State SACRAMENTO, CA	File Number BLANK0000146740	Distance		
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	38013.4	6,061,021	36755.6	5,813,692	36681.1	5,810,414	0.20	0.06
Undesired				Total IX	Unique IX, before		Unique IX, after		
KLFB-LD	D22	LD	CP	123.9	11,179		74.5	3,278	
KSPX-TV	D21	DT	LIC	60.2	1,051	39.1	564	39.1	564
KCNZ-CD	D21z	DC	LIC	21.3	64,048	1.0	1,671	1.0	1,671
KMTP-TV	D21z	DT	LIC	19.2	40,566	1.0	300	1.0	300
KDTV-CD	D21	DC	LIC	30.1	1,302	14.0	788	14.0	788
KAXT-CD	D22	DC	LIC	642.6	212,926	601.3	146,360	577.1	145,486
KIFR	D22	DT	LIC	496.8	25,724	490.8	25,724	470.7	25,680
KQCA	D23	DT	LIC	68.3	3,682	44.1	3,163	44.1	3,163

Interference to BLANK0000117033 LIC scenario 1

Desired:	Call KAXT-CD	Chan D22	Svc DC	Status LIC	City, State SAN FRANCISCO, SAN JO, CA	File Number BLANK0000117033	Distance				
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	6443.0	4,731,522		6327.5	4,726,421	6227.4	4,702,939	1.58	0.50	
Undesired				Total IX		Unique IX, before		Unique IX, after			
KLFB-LD D22 LD CP		105.1		24,705				100.1		23,482	
KCNZ-CD D21z DC LIC		55.8		3		51.7 3		51.7		3	
KTXL D22 DT LIC		61.8		5,098		51.7 5,098		47.7		3,875	
KIFR D22 DT LIC		2.0		0		1.0 0		1.0		0	
KQCA D23 DT CP		6.1		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	6443.0 4,731,522	6328.5 4,726,421	6228.4 4,702,939	1.58 0.50
Undesired	Total IX	Unique IX, before	Unique IX, after	
KLFB-LD D22 LD CP	105.1 24,705	100.1 23,482		
KCNZ-CD D21z DC LIC	55.8 3	51.7 3	51.7 3	
KTXL D22 DT LIC	61.8 5,098	56.8 5,098	52.7 3,875	
KIFR D22 DT LIC	2.0 0	1.0 0	1.0 0	

Interference to BLANK000093296 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK000093296	
Undesireds:	KLFB-LD	D22	LD	CP	SALINAS, CA	KLFB AT KION ASR101571	250.3 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	102.1
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCOT20110607ABB	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	30352.6 2,148,025	30054.6 2,141,013	30051.6 2,141,013	0.01 0.00			
Undesired	Total IX	Unique IX, before	Unique IX, after				
KLFB-LD D22 LD CP	7.0 0	3.0 0					
KFTV-DT D21 DT LIC	227.9 3,868	199.9 3,415	199.9 3,415				
KTXL D22 DT LIC	84.0 1,107	56.0 654	52.0 654				
KTFF-DT D23 DT LIC	14.0 2,490	14.0 2,490	14.0 2,490				

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	9620.8 841,468	9381.5 835,545	9357.5 833,354	0.26 0.26			
Undesired	Total IX	Unique IX, before	Unique IX, after				
KLFB-LD D22 LD CP	26.0 2,191	24.0 2,191					
KTFF-DT D23 DT LIC	27.0 0	22.0 0	21.0 0				
KSCZ-LD D23 LD LIC	204.3 5,865	199.3 5,865	199.3 5,865				
KQCA D23 DT CP	12.0 0	4.0 0	4.0 0				
KBIT-LD D24+ LD LIC	7.0 58	5.0 58	5.0 58				

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	9620.8 841,468	9385.5 835,545	9361.5 833,354	0.26 0.26			
Undesired	Total IX	Unique IX, before	Unique IX, after				
KLFB-LD D22 LD CP	26.0 2,191	24.0 2,191					
KTFF-DT D23 DT LIC	27.0 0	22.0 0	21.0 0				
KSCZ-LD D23 LD LIC	204.3 5,865	200.3 5,865	200.3 5,865				
KQCA D23 DT LIC	7.0 0	0.0 0	0.0 0				
KBIT-LD D24+ LD LIC	7.0 58	5.0 58	5.0 58				

Interference to BLANK0000112952 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	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	3590.9	2,086,073	3456.2	2,028,574	3456.2	2,028,574	0.00 0.00
Undesired			Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP			9.0	206			0.0	0
KAXT-CD D22 DC LIC			52.8	41,401	43.7	27,278	43.7	27,278
KMUV-LD D23 LD LIC			77.0	30,221	52.9	11,967	50.9	11,963
KTFF-DT D23 DT LIC			4.0	290	1.0	0	1.0	0
KQCA D23 DT CP			25.1	372	8.0	0	8.0	0
KBIT-LD D24+ LD LIC			5.0	3,469	1.0	0	1.0	0
KMAX-TV D24 DT LIC			5.1	0	0.0	0	0.0	0

Interference to BLANK0000112952 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	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	3590.9	2,086,073	3458.2	2,028,574	3458.2	2,028,574	0.00 0.00
Undesired			Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP			9.0	206			0.0	0
KAXT-CD D22 DC LIC			52.8	41,401	43.7	27,278	43.7	27,278
KMUV-LD D23 LD LIC			77.0	30,221	53.9	11,967	50.9	11,963
KTFF-DT D23 DT LIC			4.0	290	2.0	0	2.0	0
KQCA D23 DT LIC			20.1	372	6.0	0	6.0	0
KBIT-LD D24+ LD LIC			5.0	3,469	1.0	0	1.0	0
KMAX-TV D24 DT LIC			5.1	0	0.0	0	0.0	0

Interference to BLANK0000127501 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	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	41236.1	7,076,323	38735.7	6,854,967	38726.7	6,854,967	0.02 0.00
Undesired			Total IX		Unique IX, before		Unique IX, after	
KLFB-LD D22 LD CP			19.0	2			9.0	0
KTXL D22 DT LIC			70.1	4,482	43.0	3,105	43.0	3,105
KAXT-CD D22 DC LIC			240.6	135,298	238.6	135,147	236.5	135,145
KTFF-DT D23 DT LIC			897.5	47,795	891.4	47,644	883.5	47,644
KRDT-CD D23 DC CP			1192.6	31,844	1174.8	31,814	1174.8	31,814
KRXI-TV D23 DT LIC			19.9	22	3.0	0	3.0	0
KMAX-TV D24 DT LIC			129.7	3,473	100.6	2,088	100.6	2,088

Interference to BLANK0000127501 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	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	41236.1	7,076,323	39809.1	6,886,367	39800.1	0.02 0.00
Undesired	Total IX		Unique IX, before		Unique IX, after		
KLFB-LD D22 LD CP	19.0	2			9.0	0	
KTXL D22 DT LIC	70.1	4,482	43.0	3,105	43.0	3,105	
KAXT-CD D22 DC LIC	240.6	135,298	238.6	135,147	236.5	135,145	
KTFE-DT D23 DT LIC	897.5	47,795	891.4	47,644	883.5	47,644	
KRDT-CD D23 DC LIC	115.3	436	101.4	414	101.4	414	
KRXI-TV D23 DT LIC	19.9	22	5.0	0	5.0	0	
KMAX-TV D24 DT LIC	129.7	3,473	101.6	2,096	101.6	2,096	

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
	KTFE-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	36037.3	6,492,004	34397.1	6,342,704	34389.1	0.02 0.00
Undesired	Total IX		Unique IX, before		Unique IX, after		
KLFB-LD D22 LD CP	16.0	17			8.0	15	
KTXL D22 DT LIC	92.1	6,135	50.0	4,399	50.0	4,399	
KAXT-CD D22 DC LIC	42.6	61,908	41.6	54,400	40.6	54,398	
KTFE-DT D23 DT LIC	553.8	33,743	542.9	33,743	536.9	33,743	
KRDT-CD D23 DC CP	832.8	25,944	821.9	25,927	821.9	25,927	
KRXI-TV D23 DT LIC	21.0	23,995	9.1	16,487	9.1	16,487	
KMAX-TV D24 DT LIC	156.8	6,827	117.7	5,100	117.7	5,100	

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
	KTFE-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	36037.3	6,492,004	35152.3	6,368,529	35144.3	0.02 0.00
Undesired	Total IX		Unique IX, before		Unique IX, after		
KLFB-LD D22 LD CP	16.0	17			8.0	15	
KTXL D22 DT LIC	92.1	6,135	55.0	4,408	55.0	4,408	
KAXT-CD D22 DC LIC	42.6	61,908	41.6	54,400	40.6	54,398	
KTFE-DT D23 DT LIC	553.8	33,743	542.9	33,743	536.9	33,743	
KRDT-CD D23 DC LIC	70.7	102	66.7	102	66.7	102	
KRXI-TV D23 DT LIC	21.0	23,995	8.1	16,487	8.1	16,487	
KMAX-TV D24 DT LIC	156.8	6,827	118.7	5,100	118.7	5,100	

Interference to proposal scenario 1
2.17% 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	250.3
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	26.8
Service area	Terrain-limited		IX-free		Percent IX		
6939.9	785,307	5764.6	658,720	5678.7	644,442	1.49	2.17
Undesired	Total IX		Unique IX		Prct Unique IX		

K21PI-D D21 LD LIC	2.0	65	2.0	65	0.03	0.01
KTXL D22 DT LIC	4.0	0	2.0	0	0.03	0.00
KAXT-CD D22 DC LIC	50.0	12,805	40.0	1,211	0.69	0.18
KIFR D22 DT LIC	15.0	0	13.0	0	0.23	0.00
KMUV-LD D23 LD LIC	27.0	13,002	17.0	1,408	0.29	0.21