

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: aSal21d5kwAER325IncFsans, Model: Longley-Rice

Start: 2023.08.22 16:13:07

Study created: 2023.08.22 16:13:06

Study build station data: LMS TV 2023-08-21

Proposal: K21PI-D D21 LD APP MONTEREY, CA

Facility ID: 185730

Station data: User record

Record ID: 1784

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Individual records excluded:

0000137431 KMTP-TV D21z DT LIC SAN FRANCISCO, CA BLANK0000137431

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K2000-D	D20	LD	LIC	CERES, CA	BLANK0000168051	98.9 km
No	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	187.8
No	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	213.3
Yes	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	88.8
No	K210Y-D	D21	LD	LIC	Chico, CA	BLANK0000185099	356.4
Yes	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	187.4
No	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK0000126677	406.5
Yes	KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000186489	132.3
No	K21IN-D	D21	LD	LIC	RIDGECREST, ETC., CA	BLDTT20090622AAK	371.1
Yes	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	165.7
Yes	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	132.3
Yes	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	284.5
Yes	KPMR	D21	DT	CP	SANTA BARBARA, CA	BLANK0000190126	284.5
No	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	283.8
Yes	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	234.6

No	K21CD-D	D21	LD	LIC	UKIAH, CA	BLDTT20120201ALL	297.1
No	KRXI-TV	D21	LD	LIC	RENO, NV	BLCDT20140116ABJ	317.2
No	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	168.5
Yes	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLANK0000218134	26.8
No	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	88.8
No	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	243.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21
Mask: Full Service
Latitude: 36 45 22.00 N (NAD83)
Longitude: 121 30 10.00 W
Height AMSL: 1038.0 m
HAAT: 0.0 m
Peak ERP: 5.00 kW
Antenna: PSI-PSILP12AER (ID 20349) 325.0 deg
Elev Pattn: Generic

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.00 kW	858.9 m	67.7 km
45.0	3.32	803.5	64.1
90.0	0.650	652.8	50.6
135.0	0.092	314.2	30.1
180.0	0.057	742.6	36.9
225.0	1.95	917.9	62.3
270.0	4.68	887.9	67.8
315.0	5.00	812.7	67.0

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 749 m

Distance to Canadian border: 1285.5 km

Distance to Mexican border: 592.1 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 348.4 degrees Distance: 110.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 70.2 degrees Distance: 1460.9 km

No land mobile station failures found

Study cell size: 1.00 km
Profile point spacing: 0.10 km

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

Interference to BLANK0000212320 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		88.8 km
	KNVN	D20	DT	LIC	CHICO, CA	BLANK0000121428	307.3
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	221.5
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	144.5
	KNSN-TV	D20	DT	CP	RENO, NV	BLANK0000035790	293.6
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	89.3
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	53.8
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	146.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
36787.6	7,962,275	31035.2	7,088,322	29315.7	6,716,823	28910.9 6,686,036	1.38 0.46

Undesired		Total IX	Unique IX, before		Unique IX, after	
K21PI-D D21 LD APP	620.3	39,659			404.9	30,787
KNVN D20 DT LIC	459.5	93,368	4.0	3,723	4.0	3,723
KSEE D20 DT LIC	1423.1	217,113	439.0	27,922	223.6	19,050
K20JX-D D20 DC CP	1010.9	231,254	41.4	6,268	41.4	6,268
KSPX-TV D21 DT LIC	1118.1	235,167	25.2	6,518	25.2	6,518
KCNZ-CD D21z DC LIC	79.7	84,649	66.6	75,661	66.6	75,661
KDTV-CD D21 DC LIC	33.2	14,953	28.2	12,308	28.2	12,308

Interference to BLANK0000212320 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		88.8 km
	KNVN	D20	DT	LIC	CHICO, CA	BLANK0000121428	307.3
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	221.5
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	155.9
	KNSN-TV	D20	DT	CP	RENO, NV	BLANK0000035790	293.6
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	89.3
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	53.8
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	146.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
36787.6	7,962,275	31035.2	7,088,322	29352.0
		6,723,088	28947.2	6,692,301
				1.38
				0.46

Undesired		Total IX	Unique IX, before		Unique IX, after	
K21PI-D D21 LD APP	620.3	39,659			404.9	30,787
KNVN D20 DT LIC	459.5	93,368	4.0	3,723	4.0	3,723
KSEE D20 DT LIC	1423.1	217,113	443.0	29,384	227.6	20,512
K20JX-D D20 DC LIC	339.1	41,877	5.1	3	5.1	3
KSPX-TV D21 DT LIC	1118.1	235,167	87.7	52,539	87.7	52,539
KCNZ-CD D21z DC LIC	79.7	84,649	68.7	75,661	68.7	75,661
KDTV-CD D21 DC LIC	33.2	14,953	28.2	12,308	28.2	12,308

Interference to BLANK0000116939 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		187.4 km
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	0.5
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	273.9
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	287.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	332.1
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	102.1
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	31265.4	1,800,710	28972.4	1,784,534	28273.8	1,772,087	28215.5 1,772,014 0.21 0.00
Undesired					Total IX	Unique IX, before	Unique IX, after
K21PI-D D21 LD APP		156.2			163	58.3	73
KSEE D20 DT LIC		27.2			1,438	24.2	1,438
KSPX-TV D21 DT LIC		534.3			1,917	448.5	1,033
KCNZ-CD D21z DC LIC		39.5			110	18.2	5
KPMR D21 DT LIC		15.0			2,533	3.0	0
KDTV-CD D21 DC LIC		28.4			249	1.0	0
KIFR D22 DT LIC		161.0			9,672	108.7	6,554

Interference to BLANK0000116939 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		187.4 km
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	0.5
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	273.9
	KPMR	D21	DT	CP	SANTA BARBARA, CA	BLANK0000190126	287.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	332.1
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	102.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
31265.4	1,800,710	28972.4	1,784,534	28276.8	1,772,087	28216.5	1,772,014	0.21 0.00

Undesired		Total IX		Unique IX, before		Unique IX, after
K21PI-D D21 LD APP	156.2	163		60.3	73	
KSEE D20 DT LIC	27.2	1,438	24.2	1,438	24.2	1,438
KSPX-TV D21 DT LIC	534.3	1,917	449.5	1,033	382.0	1,010
KCNZ-CD D21z DC LIC	39.5	110	18.2	5	6.1	0
KDTV-CD D21 DC LIC	28.4	249	1.0	0	1.0	0
KIFR D22 DT LIC	161.0	9,672	117.7	9,087	116.7	9,087

Interference to BLANK0000116939 LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		187.4 km
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	0.5
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	273.9
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	287.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	332.1
	KIFR	D22	DT	LIC	VISALIA, CA	BLANK0000093296	102.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
31265.4	1,800,710	28972.4	1,784,534	28271.8	1,772,087	28214.5	1,772,014	0.20 0.00

Undesired		Total IX		Unique IX, before		Unique IX, after
K21PI-D D21 LD APP	156.2	163		57.3	73	
KSEE D20 DT LIC	27.2	1,438	24.2	1,438	24.2	1,438
KSPX-TV D21 DT LIC	534.3	1,917	448.5	1,033	381.0	1,010
KCNZ-CD D21z DC LIC	39.5	110	18.2	5	6.1	0
KPMR D21 DT APP	22.1	2,544	5.0	0	2.0	0
KDTV-CD D21 DC LIC	28.4	249	1.0	0	1.0	0
KIFR D22 DT LIC	161.0	9,672	106.7	6,579	106.7	6,579

Interference to BLANK0000186489 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000186489	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		132.3 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
	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	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
8783.3 5,243,399	7346.2 4,592,209	2429.0 981,718	2429.0 981,718	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K21PI-D D21 LD APP 3.0	1,971	0.0 0	
KDTV-DT D20 DT LIC 46.4	26,196	0.0 0	
KFTV-DT D21 DT LIC 11.1	1,811	0.0 0	
KSPX-TV D21 DT LIC 53.5	614	0.0 0	
KCNZ-CD D21z DC LIC 4917.2	3,610,491	4356.2 3,501,521	4355.2 3,501,521
KDTV-CD D21 DC LIC 516.5	102,463	0.0 0	
KTXL D22 DT LIC 2.0	0	0.0 0	
KAXT-CD D22 DC LIC 1.0	1,480	0.0 0	

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:	K21PI-D	D21	LD	APP	MONTEREY, CA		165.7 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	CP	RENO, NV	BLANK0000035790	209.2
KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	224.1
KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	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	33579.4 5,378,166	30140.9 4,813,400	30092.3 4,812,989	0.16 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
K21PI-D D21 LD APP	238.0 10,570	48.6 411	
K20JX-D D20 DC CP	6.0 0	5.0 0	
KDTV-DT D20 DT LIC	101.1 20,935	9.1 153	
KFTV-DT D21 DT LIC	1828.9 265,311	1261.7 193,813	
KCNZ-CD D21z DC LIC	675.2 77,216	151.0 3,840	
KDTV-CD D21 DC LIC	1718.7 330,605	775.3 193,251	
KTXL D22 DT LIC	341.5 34,639	231.4 26,570	
KAXT-CD D22 DC LIC	3.0 37	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:	K21PI-D	D21	LD	APP	MONTEREY, CA		165.7 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	CP	RENO, NV	BLANK0000035790	209.2
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	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
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36549.8	7,055,976	33579.4	5,378,166	30145.9	4,813,400	30097.3	4,812,989	0.16	0.01
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Undesired		Total IX	Unique IX, before	Unique IX, after
K21PI-D D21 LD APP	238.0	10,570		48.6 411
K20JX-D D20 DC LIC	7.0	804	0.0 0	0.0 0
KDTV-DT D20 DT LIC	101.1	20,935	9.1 153	8.1 153
KFTV-DT D21 DT LIC	1828.9	265,311	1261.7 193,813	1161.3 188,857
KCNZ-CD D21z DC LIC	675.2	77,216	151.0 3,840	137.9 3,472
KDTV-CD D21 DC LIC	1718.7	330,605	769.3 192,447	740.0 191,719
KTXL D22 DT LIC	341.5	34,639	231.4 26,570	231.4 26,570
KAXT-CD D22 DC LIC	3.0	37	0.0 0	0.0 0

Interference to BLANK0000186215 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		132.3 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
	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
8765.7 5,249,625	7288.7 4,598,488	6731.6 4,490,737	6730.6 4,490,737	0.02 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
K21PI-D D21 LD APP	3.0	1,971		1.0 0
KDTV-DT D20 DT LIC	44.4	24,977	12.2 2,697	12.2 2,697
KFTV-DT D21 DT LIC	11.1	1,811	9.1 1,811	9.1 1,811
KSPX-TV D21 DT LIC	54.6	614	17.2 23	17.2 23
KDTV-CD D21 DC LIC	512.5	101,244	461.1 80,845	461.1 80,845
KTXL D22 DT LIC	2.0	0	0.0 0	0.0 0
KAXT-CD D22 DC LIC	1.0	1,480	0.0 0	0.0 0

Interference to BLCDT20110607ABB LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB			
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		284.5 km		
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2		
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
43404.1	1,758,463	35179.1	1,480,562	34987.3	1,472,850	34985.3	1,472,829	0.01	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
K21PI-D	D21 LD APP	2.0	21			2.0	21		
KFTV-DT	D21 DT LIC	165.1	5,233	165.1	5,233	165.1	5,233		
KHTV-CD	D22 DC LIC	26.8	2,479	26.8	2,479	26.8	2,479		

Interference to BLANK0000190126 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KPMR	D21	DT	CP	SANTA BARBARA, CA	BLANK0000190126			
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		284.5 km		
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2		
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
28789.8	1,254,339	23603.0	1,089,054	23572.0	1,089,042	23571.0	1,089,042	0.00	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
K21PI-D	D21 LD APP	2.0	0			1.0	0		
KFTV-DT	D21 DT LIC	30.0	12	30.0	12	29.0	12		
KHTV-CD	D22 DC LIC	1.0	0	1.0	0	1.0	0		

Interference to BLANK0000112915 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		234.6 km
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	133.1
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	332.1
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	108.9
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	110.5
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	107.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
14840.5	1,069,014	10918.8	702,323	10638.3	662,718	10638.3 662,718	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
K21PI-D	D21 LD APP	1.0	0			0.0 0	
K20JX-D	D20 DC CP	2.0	0	1.0	0	1.0 0	
KFTV-DT	D21 DT LIC	2.0	0	0.0	0	0.0 0	
KSPX-TV	D21 DT LIC	152.6	4,885	79.1	4,425	79.1 4,425	
KCNZ-CD	D21z DC LIC	193.4	35,165	124.9	34,720	124.9 34,720	
KTXL	D22 DT LIC	6.0	15	2.0	0	2.0 0	

Interference to BLANK0000112915 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		234.6 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	332.1
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	108.9
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	110.5
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	107.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
14840.5	1,069,014	10918.8	702,323	10639.3	662,718	10639.3 662,718	0.00 0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K21PI-D D21 LD APP	1.0	0			0.0	0
KFTV-DT D21 DT LIC	2.0	0	0.0	0	0.0	0
KSPX-TV D21 DT LIC	152.6	4,885	79.1	4,425	79.1	4,425
KCNZ-CD D21z DC LIC	193.4	35,165	124.9	34,720	124.9	34,720
KTXL D22 DT LIC	6.0	15	2.0	0	2.0	0

Interference to BLANK0000218134 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLANK0000218134	
Undesireds:	K21PI-D	D21	LD	APP	MONTEREY, CA		26.8 km
	KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	217.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	109.5
	K22OP-D	D22	LD	CP	SANTA BARBARA, CA	BLANK0000219027	276.9
	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, before		IX-free, after		Percent New IX
	6930.9	785,311	5941.8	644,221	5885.8	639,300	5847.8 637,819 0.64 0.23

Undesired		Total IX	Unique IX, before		Unique IX, after	
K21PI-D D21 LD APP	62.9	6,162			38.0	1,481
KAXT-CD D22 DC LIC	30.0	4,587	23.0	91	20.0	21
KIFR D22 DT LIC	7.0	0	7.0	0	4.0	0
KMUV-LD D23 LD LIC	26.0	4,830	19.0	334	7.0	219

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21PI-D	D21	LD	APP	MONTEREY, CA		
Undesireds:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	88.8 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	187.4
	KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000186489	132.3

KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	165.7
KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	132.3
KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	284.5
KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	234.6
KLFB-LD	D22	LD	LIC	SALINAS, CA	BLANK0000218134	26.8

Service area	Terrain-limited	IX-free	Percent IX
10424.4 1,086,423	9130.1 831,112	9038.4 829,874	1.00 0.15

Undesired	Total IX	Unique IX	Prcnt Unique IX
KDTV-DT D20 DT LIC 8.0 660 4.0 511 0.04 0.06			
KFTV-DT D21 DT LIC 42.9 10 39.9 10 0.44 0.00			
KQRM-LD D21z LD LIC 39.8 339 0.0 0 0.00 0.00			
KSPX-TV D21 DT LIC 3.0 0 0.0 0 0.00 0.00			
KCNZ-CD D21z DC LIC 39.8 339 0.0 0 0.00 0.00			
KDTV-CD D21 DC LIC 2.0 0 0.0 0 0.00 0.00			
KLFB-LD D22 LD LIC 6.0 378 6.0 378 0.07 0.05			