tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: Mon21d2500wDir305F, Model: Longley-Rice
Start: 2021.08.03 14:27:10

Study created: 2021.08.03 14:27:10

Study build station data: LMS TV 2021-08-03

    Proposal: K48MX-D D21 LD APP MONTEREY, CA
 Facility ID: 185730
Station data: User record
   Record ID: 251
     Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K20OO-D	D20	LD	CP	CERES, CA	BLANK0000072037	125.2 km
No	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000116952	204.1
Yes	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	109.5
No	KWSM-LD	D20	LD	LIC	SANTA MARIA, CA	BLANK0000068514	222.1
No	K21MN-D	D21	LD	CP	BAKERSFIELD, CA	BNPDTL20100514ABR	265.5
No	NEW	D21	LD	CP	CHICO, CA	BNPDTL20090825AOS	369.9
Yes	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	203.8
No	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK0000126677	397.2
Yes	KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000118108	147.0
No	K21IN-D	D21	LD	LIC	RIDGECREST, ETC., CA	BLDTT20090622AAK	372.9
Yes	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	190.6
Yes	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000117957	147.0
Yes	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	147.0
Yes	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	269.2
Yes	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	268.4
No	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	253.4
No	K21CD-D	D21	LD	LIC	UKIAH, CA	BLDTT20120201ALL	314.8
No	KRXI-TV	D21	LD	LIC	RENO, NV	BLCDT20140116ABJ	344.0

No	K22LI-D	D22	LD	CP	NEWMAN, CA	BNPDTL20100513ADU	104.9
No	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	193.3
No	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	0.1
Yes	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	1.1
No	KAXT-CD	D22	DC	LIC	SAN FRANCISO, SAN JO, CA	BLANK0000117033	109.5
No	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	250.3

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 32  4.80 N (NAD83)
  Longitude: 121 37 12.70 W
Height AMSL: 1069.0 m
       HAAT: 0.0 m
   Peak ERP: 2.50 kW
    Antenna: PSI-PSIUCB8NC (ID 99082) 305.0 deg
Elev Pattrn: Generic
```

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.164 kW	1011.7 m	47.7 km
45.0	0.020	1002.2	34.1
90.0	0.016	949.8	32.1
135.0	0.024	227.7	19.9
180.0	0.035	571.2	31.3
225.0	0.000	652.1	13.0
270.0	0.921	793.5	55.3
315.0	2.34	823.7	62.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 754 m

Distance to Canadian border: 1308.8 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

No land mobile station failures found

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

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

Interference to BLANK0000113449 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		109.5 km
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	0.0
	KNVN	D20	DT	LIC	CHICO, CA	BLANK0000121428	307.3
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000116952	221.5
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	144.5
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000001059	293.6
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	89.3
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000117957	53.8
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	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	30359.9	7,099,618	28275.2	6,724,063	28165.9	6,709,647	0.39	0.21

Undesired		Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	147.5	15,492				109.4	14,416
KSTS D19 DT LIC	2.0	627		2.0	627	2.0	627
KNVN D20 DT LIC	537.2	92,052		4.0	21	4.0	21
KSEE D20 DT LIC	1737.0	268,263		622.4	35,301	584.3	34,225
K20JX-D D20 DC CP	1184.7	271,564		90.8	16,728	90.8	16,728
KSPX-TV D21 DT LIC	1238.5	267,451		31.2	16,418	31.2	16,418
KCNZ-CD D21z DC LIC	58.4	38,079		1.0	808	1.0	808
KMTP-TV D21z DT LIC	57.4	37,271		0.0	0	0.0	0
KDTV-CD D21 DC LIC	34.2	18,751		24.2	6,680	24.2	6,680

Interference to BLANK0000113449 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		109.5 km
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	0.0
	KNVN	D20	DT	LIC	CHICO, CA	BLANK0000121428	307.3
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000116952	221.5
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	155.9
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000001059	293.6
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	89.3
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000117957	53.8
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	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	30359.9	7,099,618	28353.9	6,739,989	28244.5	6,725,573	0.39	0.21

Undesired		Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	147.5	15,492				109.4	14,416
KSTS D19 DT LIC	2.0	627		2.0	627	2.0	627
KNVN D20 DT LIC	537.2	92,052		4.0	21	4.0	21

KSEE D20 DT LIC	1737.0	268,263	641.6	38,807	603.5	37,731
K20JX-D D20 DC LIC	421.8	51,281	12.1	802	12.1	802
KSPX-TV D21 DT LIC	1238.5	267,451	73.6	52,159	73.6	52,159
KCNZ-CD D21z DC LIC	58.4	38,079	1.0	808	1.0	808
KMTP-TV D21z DT LIC	57.4	37,271	0.0	0	0.0	0
KDTV-CD D21 DC LIC	34.2	18,751	25.2	6,714	25.2	6,714

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:	K48MX-D	D21	LD	APP	MONTEREY, CA		203.8 km
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000116952	0.5
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000117957	273.9
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	273.9
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	287.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	332.1
	KNXT	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	27933.4	1,784,857	26507.9	1,748,441	26502.9	1,748,441	0.02	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	38.4	0				5.0	0
KSEE D20 DT LIC	200.2	17,858		154.9	17,769	154.9	17,769
KSPX-TV D21 DT LIC	1038.0	3,115		786.6	1,368	779.6	1,368
KCNZ-CD D21z DC LIC	116.5	602		0.0	0	0.0	0
KMTP-TV D21z DT LIC	116.5	602		0.0	0	0.0	0
KPMR D21 DT LIC	34.1	121		7.0	78	7.0	78
KDTV-CD D21 DC LIC	103.4	501		11.2	19	10.1	19
KNXT D22 DT LIC	270.6	16,278		177.1	15,396	177.1	15,396

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:	K48MX-D	D21	LD	APP	MONTEREY, CA		203.8 km
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000116952	0.5
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	224.1
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000117957	273.9
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	273.9
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	287.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	332.1
	KNXT	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	27933.4	1,784,857	26504.9	1,748,406	26499.9	1,748,406	0.02	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	38.4	0			5.0	0
KSEE D20 DT LIC	200.2	17,858	154.9	17,769	154.9	17,769
KSPX-TV D21 DT LIC	1038.0	3,115	782.6	1,368	775.6	1,368
KCNZ-CD D21z DC LIC	116.5	602	0.0	0	0.0	0
KMTP-TV D21z DT LIC	116.5	602	0.0	0	0.0	0
KPMR D21 DT APP	49.2	302	10.0	113	10.0	113
KDTV-CD D21 DC LIC	103.4	501	11.2	19	10.1	19
KNXT D22 DT LIC	270.6	16,278	173.1	15,259	173.1	15,259

Interference to BLANK0000118108 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQRM-LD	D21z	LD	LIC	PETALUMA, CA	BLANK0000118108	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		147.0 km
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	158.3
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	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	BLANK0000117957	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
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	147.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7284.4	5,252,362	5561.6	4,497,081	1335.6	463,467	1335.6	463,467	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	6.0	2,032			0.0	0
KDTV-DT D20 DT LIC	146.6	41,573	0.0	0	0.0	0
KFTV-DT D21 DT LIC	27.2	11,328	0.0	0	0.0	0
KSPX-TV D21 DT LIC	162.7	28,997	0.0	0	0.0	0
KCNZ-CD D21z DC LIC	4226.0	4,033,614	0.0	0	0.0	0
KMTP-TV D21z DT LIC	4226.0	4,033,614	0.0	0	0.0	0
KDTV-CD D21 DC LIC	558.1	203,447	0.0	0	0.0	0
KTXL D22 DT LIC	14.1	74	0.0	0	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:	K48MX-D	D21	LD	APP	MONTEREY, CA		190.6 km
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	56.7
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	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	BLANK0000117957	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 FRANCISO, SAN JO, CA	BLANK0000117033	89.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
36549.8	7,055,976	32631.4	5,289,346	27579.5	4,422,755	27574.5	4,422,755	0.02	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	23.2	2			5.0	0
K20JX-D D20 DC CP	20.0	88	13.0	0	13.0	0
KDTV-DT D20 DT LIC	199.3	58,253	12.1	10,221	12.1	10,221
KFTV-DT D21 DT LIC	2116.4	322,202	1413.3	170,477	1406.2	170,477
KCNZ-CD D21z DC LIC	1200.1	253,113	0.0	0	0.0	0
KMTP-TV D21z DT LIC	1200.1	253,113	0.0	0	0.0	0
KDTV-CD D21 DC LIC	2900.0	600,166	1440.1	286,983	1439.1	286,983
KTXL D22 DT LIC	561.6	49,683	284.8	17,254	284.8	17,254
KAXT-CD D22 DC LIC	12.2	326	0.0	0	0.0	0

Interference to BLANK0000115705 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		190.6 km
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	67.0
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	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	BLANK0000117957	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 FRANCISO, SAN JO, CA	BLANK0000117033	89.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
36549.8	7,055,976	32631.4	5,289,346	27587.5	4,422,755	27582.5	4,422,755	0.02	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	23.2	2			5.0	0
K20JX-D D20 DC LIC	13.0	1,084	5.0	0	5.0	0
KDTV-DT D20 DT LIC	199.3	58,253	12.1	10,221	12.1	10,221
KFTV-DT D21 DT LIC	2116.4	322,202	1413.3	170,477	1406.2	170,477
KCNZ-CD D21z DC LIC	1200.1	253,113	0.0	0	0.0	0
KMTP-TV D21z DT LIC	1200.1	253,113	0.0	0	0.0	0

KDTV-CD D21 DC LIC	2900.0	600,166	1440.1	286,342	1439.1	286,342
KTXL D22 DT LIC	561.6	49,683	284.8	17,254	284.8	17,254
KAXT-CD D22 DC LIC	12.2	326	0.0	0	0.0	0

Interference to BLANK0000117957 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000117957	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		147.0 km
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	158.3
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	53.8
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	273.9
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	102.8
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	0.0
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	110.5
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	104.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7268.0	5,259,541	5521.0	4,504,723	1300.8	467,402	1300.8	467,402	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	6.0	2,032				0.0	0
KDTV-DT D20 DT LIC	141.5	40,614	0.0	0	0.0	0	
KFTV-DT D21 DT LIC	27.2	11,328	0.0	0	0.0	0	
KSPX-TV D21 DT LIC	164.7	29,258	0.0	0	0.0	0	
KMTP-TV D21z DT LIC	4220.2	4,037,321	3454.5	3,795,611	3453.5	3,795,611	
KDTV-CD D21 DC LIC	553.2	202,488	0.0	0	0.0	0	
KTXL D22 DT LIC	14.1	74	0.0	0	0.0	0	

Interference to BLANK0000137431 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		147.0 km

	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	158.3
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	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	BLANK0000117957	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 FRANCISO, SAN JO, CA	BLANK0000117033	53.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
11779.5	6,325,549	9029.6	5,561,956	2130.4	522,642	2130.4	522,642	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	233.9	3,860			0.0	0
K20JX-D D20 DC CP	22.2	44	0.0	0	0.0	0
KDTV-DT D20 DT LIC	675.3	217,434	0.0	0	0.0	0
KFTV-DT D21 DT LIC	352.0	102,803	0.0	0	0.0	0
KSPX-TV D21 DT LIC	740.2	232,590	0.0	0	0.0	0
KCNZ-CD D21z DC LIC	6899.2	5,039,314	4836.4	4,378,082	4644.6	4,378,082
KDTV-CD D21 DC LIC	1260.4	523,083	0.0	0	0.0	0
KTXL D22 DT LIC	266.2	38,837	0.0	0	0.0	0
KAXT-CD D22 DC LIC	48.1	57,038	0.0	0	0.0	0

Interference to BLANK0000137431 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		147.0 km
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000113449	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	BLANK0000117957	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 FRANCISO, SAN JO, CA	BLANK0000117033	53.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
11779.5	6,325,549	9029.6	5,561,956	2130.4	522,642	2130.4	522,642	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	233.9	3,860			0.0	0
KDTV-DT D20 DT LIC	675.3	217,434	0.0	0	0.0	0
KFTV-DT D21 DT LIC	352.0	102,803	0.0	0	0.0	0
KSPX-TV D21 DT LIC	740.2	232,590	0.0	0	0.0	0
KCNZ-CD D21z DC LIC	6899.2	5,039,314	4836.4	4,378,082	4644.6	4,378,082
KDTV-CD D21 DC LIC	1260.4	523,083	0.0	0	0.0	0
KTXL D22 DT LIC	266.2	38,837	0.0	0	0.0	0
KAXT-CD D22 DC LIC	48.1	57,038	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:	K48MX-D	D21	LD	APP	MONTEREY, CA		269.2 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2
	K21DO-D	D21	DC	CP	PALM SPRINGS, CA	BLANK0000127568	332.3
	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	33276.4	1,466,233	32673.0	1,446,851	32673.0	1,446,851	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	2.0	0			0.0	0
KFTV-DT D21 DT LIC	558.5	5,111	557.5	5,111	555.5	5,111
KHTV-CD D22 DC LIC	45.8	14,271	44.8	14,271	44.8	14,271

Interference to BPCDT20120817ABD APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	

Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		268.4 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2
	K21DO-D	D21	DC	CP	PALM SPRINGS, CA	BLANK0000127568	333.4
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	178.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
42008.9	1,637,433	32729.3	1,437,756	32049.6	1,428,945	32048.6	1,428,945	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	4.0	0			1.0	0
KFTV-DT D21 DT LIC	649.9	4,529	648.9	4,529	645.9	4,529
KHTV-CD D22 DC LIC	30.9	4,282	29.9	4,282	29.9	4,282

Interference to BLDTL20101005ABL LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	
Undesireds:	K48MX-D	D21	LD	APP	MONTEREY, CA		1.1 km
	KZHD-LD	D22	LD	LIC	Rohnert Park, CA	BLANK0000148447	218.4
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	193.8
	KAXT-CD	D22	DC	LIC	SAN FRANCISO, SAN JO, CA	BLANK0000117033	110.2
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	249.4
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	110.8
	KMUV-LD	D23	LD	LIC	MONTEREY, CA	BLANK0000143484	26.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6804.8	726,928	5599.8	601,584	5462.5	596,356	5462.5	596,356	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
K48MX-D D21 LD APP	1.0	0			0.0	0
KTXL D22 DT LIC	1.0	0	0.0	0	0.0	0
KAXT-CD D22 DC LIC	122.4	3,709	114.4	454	114.4	454
KNXT D22 DT LIC	2.0	0	1.0	0	1.0	0
KMUV-LD D23 LD LIC	22.0	4,774	13.0	1,519	12.0	1,519

Interference to proposal scenario 1
8.11% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K48MX-D	D21	LD	APP	MONTEREY, CA		
Undesireds:	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	203.8 km
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	269.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	253.4
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	0.1

Service area		Terrain-limited		IX-free		Percent IX	
5189.2	561,939	4732.0	552,873	3936.5	508,061	16.81	8.11

Undesired	Total IX		Unique IX		Prcnt Unique IX	
KFTV-DT D21 DT LIC	9.1	0	2.0	0	0.04	0.00
KPMR D21 DT LIC	5.0	0	1.0	0	0.02	0.00
KDTV-CD D21 DC LIC	3.0	0	1.0	0	0.02	0.00
KLFB-LD D22 LD CP	790.4	44,812	779.4	44,812	16.47	8.11

Interference to proposal scenario 2
8.11% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K48MX-D	D21	LD	APP	MONTEREY, CA		
Undesireds:	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	203.8 km
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	268.4
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	253.4
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	0.1

Service area		Terrain-limited		IX-free		Percent IX	
5189.2	561,939	4732.0	552,873	3935.5	508,061	16.83	8.11

Undesired	Total IX		Unique IX		Prcnt Unique IX	
KFTV-DT D21 DT LIC	9.1	0	2.0	0	0.04	0.00
KPMR D21 DT APP	9.1	0	2.0	0	0.04	0.00

KDTV-CD D21 DC LIC	3.0	0	1.0	0	0.02	0.00
KLFB-LD D22 LD CP	790.4	44,812	776.3	44,812	16.41	8.11

Interference to proposal scenario 3
11.11% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K48MX-D	D21	LD	APP	MONTEREY, CA		
Undesireds:	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	203.8 km
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	269.2
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	253.4
	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	1.1

Service area		Terrain-limited		IX-free		Percent IX	
5189.2	561,939	4732.0	552,873	4424.0	491,470	6.51	11.11

Undesired	Total IX		Unique IX		Prcnt Unique IX	
KFTV-DT D21 DT LIC	9.1	0	8.1	0	0.17	0.00
KPMR D21 DT LIC	5.0	0	3.0	0	0.06	0.00
KDTV-CD D21 DC LIC	3.0	0	1.0	0	0.02	0.00
KLFB-LD D22 LD LIC	294.9	61,403	291.9	61,403	6.17	11.11

Interference to proposal scenario 4
11.11% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K48MX-D	D21	LD	APP	MONTEREY, CA		
Undesireds:	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	203.8 km
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	268.4
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	253.4
	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	1.1

Service area		Terrain-limited		IX-free		Percent IX	
5189.2	561,939	4732.0	552,873	4420.0	491,470	6.59	11.11

Undesired		Total IX		Unique IX	Prcnt Unique IX	
KFTV-DT D21 DT LIC	9.1	0	8.1	0	0.17	0.00
KPMR D21 DT APP	9.1	0	7.0	0	0.15	0.00
KDTV-CD D21 DC LIC	3.0	0	1.0	0	0.02	0.00
KLFB-LD D22 LD LIC	294.9	61,403	291.9	61,403	6.17	11.11