tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: BH21dSL135GF, Model: Longley-Rice
Start: 2020.08.05 08:04:40

Study created: 2020.08.05 08:04:40

Study build station data: LMS TV 2020-08-05

    Proposal: KTAV-LD D21 LD APP Los Angeles, CA
 Facility ID: 6791
Station data: User record
   Record ID: 1533
     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	K20ON-D	D20	LD	CP	BAKERSFIELD, CA	BLANK0000071879	149.2 km
No	K20IM-D	D20	LD	LIC	BARSTOW, CA	BLDTL20100630BDO	147.7
No	K20LH-D	D20	LD	LIC	RIDGECREST, CA	BLDTT20120316ACR	164.5
No	KWSM-LD	D20	LD	LIC	SANTA MARIA, CA	BLANK0000068514	186.4
No	K21EA-D	D21	LD	LIC	LAKE HAVASU CITY, AZ	BLDTT20130308ABO	372.8
No	K21MN-D	D21	LD	CP	BAKERSFIELD, CA	BNPDTL20100514ABR	140.6
No	K21OQ-D	D21	LD	CP	CALEXICO, CA	BMJADTL20100517AAU	311.2
No	K21MH-D	D21	LD	LIC	Daggett, CA	BLANK0000004555	161.3
No	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	341.5
No	DKDUG-LD	N21+	TX	APP	HEMET, CA	BLTTL20080813ABI	124.6
Yes	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	170.1
No	K21GI	N21+	TX	LIC	MORONGO VALLEY, CA	BLTT20050516AUD	170.1
Yes	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	182.6
No	K21IN-D	D21	LD	LIC	RIDGECREST, ETC., CA	BLDTT20090622AAK	164.5
Yes	K21MO-D	D21	LD	CP	RIVERSIDE, CA	BLANK0000071749	146.3
Yes	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	150.8
Yes	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	151.9
No	K21AC	N21	TX	LIC	VICTORVILLE, ETC., CA	BLTT19820105IG	115.2

No	NEW	D21	LD	APP	WINTERHAVEN, CA	BNPDTL20100510AAG	354.7
No	KLSV - LD	D21	LD	LIC	LAS VEGAS, NV	BLANK0000064058	372.8
No	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	164.5
Yes	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	32.1
No	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	182.7
Yes	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	32.0
No	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	140.4
No	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	124.2
No	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	115.4
No	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	244.4

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:  34  7  8.30 N (NAD83)
  Longitude: 118 23 32.90 W
Height AMSL: 537.0 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: PSI-PSILP8SL (ID 20502) 135.0 deg (same as Alive Telecom ATC-BCH78CSL-21 that is proposed)
Elev Pattrn: Generic
  Elec Tilt: 1.00
```

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.693 kW	298.9 m	40.6 km
45.0	0.662	220.3	36.6
90.0	3.46	333.1	51.2
135.0	15.0	468.0	65.6
180.0	3.46	495.3	57.5
225.0	0.662	426.3	45.3
270.0	0.693	135.8	31.9
315.0	0.542	320.0	40.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 337 m

Distance to Canadian border: 1625.0 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 190.6 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 323.9 degrees Distance: 502.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 56.3 degrees Distance: 1339.8 km

Proposal is short-spaced to land mobile station: Los Angeles CA ch. 20, 10.6 km
No land mobile station failures found

Study cell size: 0.50 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 BDFCDTT20120109ACZ CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		170.1 km
	K21OQ-D	D21	LD	CP	CALEXICO, CA	BMJADTL20100517AAU	180.1
	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	24.3
	K21MO-D	D21	LD	CP	RIVERSIDE, CA	BLANK0000071749	64.1

	NEW	D21	LD	APP	WINTERHAVEN, CA	BNPDTL20100510AAG	210.4
	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	24.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1264.2	173,923	1151.4	167,353	1045.8	167,304	1043.7	167,304	0.21	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	8.4	0			2.2	0
K21OQ-D D21 LD CP	1.5	0	0.2	0	0.2	0
K21DO-D D21 DC LIC	101.3	49	98.3	37	94.7	37
K21MO-D D21 LD CP	3.9	0	3.4	0	1.0	0
NEW D21 LD APP	0.3	0	0.0	0	0.0	0
KJHP-LP D22 LD CP	2.2	12	0.2	0	0.2	0

Interference to BLDTA20150209ABF LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		182.6 km
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	332.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6329.1	551,728	4821.8	459,409	4818.7	456,503	4813.4	456,449	0.11	0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	7.2	1,251			5.3	54
KPMR D21 DT LIC	3.1	2,906	3.1	2,906	1.2	1,709

Interference to BLDTA20150209ABF LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		182.6 km
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	333.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6329.1	551,728	4821.8	459,409	4818.2	456,503	4813.1	456,449	0.11	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP		7.2	1,251			5.1	54
KPMR D21 DT APP		3.6	2,906	3.6	2,906	1.4	1,709

Interference to BLANK0000071749 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21MO-D	D21	LD	CP	RIVERSIDE, CA	BLANK0000071749	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		146.3 km
	DKDUG-LD	N21+	TX	APP	HEMET, CA	BLTTL20080813ABI	23.6
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	64.1
	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	55.9
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	296.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4987.6	1,213,812	3608.1	813,426	3288.4	719,691	3258.5	707,189	0.91	1.74

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP		71.5	29,922			29.9	12,502
DKDUG-LD N21+ TX APP		293.8	80,196	279.3	76,674	264.7	71,850
K21DO-D D21 DC LIC		4.6	2,800	1.2	789	1.0	789
KPMR D21 DT LIC		38.0	16,272	24.5	12,451	7.0	1,773

Interference to BLANK0000071749 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K21MO-D	D21	LD	CP	RIVERSIDE, CA	BLANK0000071749	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		146.3 km
	DKDUG-LD	N21+	TX	APP	HEMET, CA	BLTTL20080813ABI	23.6
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	64.1

	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	55.9
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	297.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4987.6	1,213,812	3608.1	813,426	3289.3	720,922	3259.2	707,819	0.91	1.82

Undesired		Total IX	Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	71.5	29,922			30.1	13,103
DKDUG-LD N21+ TX APP	293.8	80,196	280.1	75,697	265.1	71,850
K21DO-D D21 DC LIC	4.6	2,800	1.2	789	1.0	789
KPMR D21 DT APP	36.8	16,018	23.6	11,220	6.3	1,143

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:	KTAV-LD	D21	LD	APP	Los Angeles, CA		150.8 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	
43389.5	1,755,314	33268.3	1,471,401	32676.8	1,457,315	32533.7	1,451,276	0.44	0.41

Undesired		Total IX	Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	181.3	11,986			143.1	6,039
KFTV-DT D21 DT LIC	547.8	3,397	547.0	3,397	543.5	3,397
KHTV-CD D22 DC LIC	44.5	10,689	43.8	10,689	9.5	4,742

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:	KTAV-LD	D21	LD	APP	Los Angeles, CA		151.9 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2

KHTV-CD D22 DC LIC LOS ANGELES, CA BLANK0000068679 178.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
42014.1	1,630,246	32765.5	1,449,552	32104.9	1,443,518	31983.5	1,437,854	0.38	0.39

Undesired	Total IX	Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	150.8	6,964		121.4	5,664
KFTV-DT D21 DT LIC	624.8	2,434	624.0	619.8	2,434
KHTV-CD D22 DC LIC	36.6	3,600	35.9	11.0	2,300

Interference to BLANK0000068679 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.1 km
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	99.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
17730.8	14,988,269	13745.0	13,808,219	13733.0	13,796,431	13730.3	13,794,850	0.02	0.01

Undesired	Total IX	Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	2.7	1,581		2.7	1,581
KVMD D23 DD CP	12.0	11,788	12.0	12.0	11,788

Interference to BLANK0000068679 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.1 km

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
17730.8	14,988,269	13745.0	13,808,219	13745.0	13,808,219	13742.4	13,806,638	0.02	0.01

Undesired	Total IX	Unique IX, before	Unique IX, after

KTAV-LD D21 LD APP	2.7	1,581				2.7	1,581			

Interference to BLANK0000029037 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	0.8
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	101.1
	K47CC-D	D23	LD	CP	VICTORVILLE, CA	BLANK0000054784	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2906.6	937,979	2906.4	937,979	0.01	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283				0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0		0.0	0
KHTV-CD D22 DC LIC	7718.6	11,523,140	7569.1	11,477,867		7568.1	11,477,363
NEW D22 LD APP	112.6	6,944	6.3	1,261		5.9	1,254
K22OM-D D22 LD APP	38.7	622	0.0	0		0.0	0
K12QV D22+ LD CP	13.6	0	2.8	0		2.8	0
KSMV-LD D23 LD LIC	37.2	29,665	4.4	1,060		4.4	1,060
KVMD D23 DD CP	25.3	25,707	0.5	0		0.5	0
K47CC-D D23 LD CP	0.3	0	0.0	0		0.0	0

Interference to BLANK0000029037 LIC scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance

Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	0.8
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	101.1
	K47CC-D	D23	LD	CP	VICTORVILLE, CA	BLANK0000054784	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2906.4	937,679	2906.1	937,679	0.01	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283			0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0	0.0	0
KHTV-CD D22 DC LIC	7718.6	11,523,140	7568.6	11,477,867	7567.6	11,477,363
NEW D22 LD APP	112.6	6,944	6.3	1,261	5.9	1,254
K22OM-D D22 LD APP	38.7	622	0.0	0	0.0	0
K12QV D22+ LD CP	13.6	0	2.8	0	2.8	0
KSMV-LD D23 LD CP	42.3	29,965	4.7	1,360	4.7	1,360
KVMD D23 DD CP	25.3	25,707	0.5	0	0.5	0
K47CC-D D23 LD CP	0.3	0	0.0	0	0.0	0

Interference to BLANK0000029037 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3

	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	0.8
	K47CC-D	D23	LD	CP	VICTORVILLE, CA	BLANK0000054784	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2907.1	937,979	2906.9	937,979	0.01	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283		0.2	0		
K22NA-D D22 LD LIC	0.3	0	0.0	0	0.0	0	
KHTV-CD D22 DC LIC	7718.6	11,523,140	7578.6	11,489,430	7577.7	11,488,926	
NEW D22 LD APP	112.6	6,944	6.3	1,261	5.9	1,254	
K22OM-D D22 LD APP	38.7	622	0.0	0	0.0	0	
K12QV D22+ LD CP	13.6	0	2.8	0	2.8	0	
KSMV-LD D23 LD LIC	37.2	29,665	4.7	1,060	4.7	1,060	
K47CC-D D23 LD CP	0.3	0	0.0	0	0.0	0	

Interference to BLANK0000029037 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	0.8
	K47CC-D	D23	LD	CP	VICTORVILLE, CA	BLANK0000054784	83.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX

12465.5	13,318,642	10640.2	12,463,440	2906.8	937,679	2906.6	937,679	0.01	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283				0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0		0.0	0
KHTV-CD D22 DC LIC	7718.6	11,523,140	7578.2	11,489,430		7577.2	11,488,926
NEW D22 LD APP	112.6	6,944	6.3	1,261		5.9	1,254
K22OM-D D22 LD APP	38.7	622	0.0	0		0.0	0
K12QV D22+ LD CP	13.6	0	2.8	0		2.8	0
KSMV-LD D23 LD CP	42.3	29,965	4.9	1,360		4.9	1,360
K47CC-D D23 LD CP	0.3	0	0.0	0		0.0	0

Interference to BLANK0000029037 LIC scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	0.8
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	101.1
	K47CC-D	D23	LD	LIC	VICTORVILLE, CA	BLANK0000120152	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2906.6	937,979	2906.4	937,979	0.01	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283				0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0		0.0	0
KHTV-CD D22 DC LIC	7718.6	11,523,140	7569.1	11,477,867		7568.1	11,477,363
NEW D22 LD APP	112.6	6,944	6.3	1,261		5.9	1,254

K22OM-D D22 LD APP	38.7	622	0.0	0	0.0	0
K12QV D22+ LD CP	13.6	0	2.8	0	2.8	0
KSMV-LD D23 LD LIC	37.2	29,665	4.4	1,060	4.4	1,060
KVMD D23 DD CP	25.3	25,707	0.5	0	0.5	0
K47CC-D D23 LD LIC	0.3	0	0.0	0	0.0	0

Interference to BLANK0000029037 LIC scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	0.8
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	101.1
	K47CC-D	D23	LD	LIC	VICTORVILLE, CA	BLANK0000120152	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2906.4	937,679	2906.1	937,679	0.01	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283				0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0	0.0	0	
KHTV-CD D22 DC LIC	7718.6	11,523,140	7568.6	11,477,867	7567.6	11,477,363	
NEW D22 LD APP	112.6	6,944	6.3	1,261	5.9	1,254	
K22OM-D D22 LD APP	38.7	622	0.0	0	0.0	0	
K12QV D22+ LD CP	13.6	0	2.8	0	2.8	0	
KSMV-LD D23 LD CP	42.3	29,965	4.7	1,360	4.7	1,360	
KVMD D23 DD CP	25.3	25,707	0.5	0	0.5	0	
K47CC-D D23 LD LIC	0.3	0	0.0	0	0.0	0	

Interference to BLANK0000029037 LIC scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
	K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	0.8
	K47CC-D	D23	LD	LIC	VICTORVILLE, CA	BLANK0000120152	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2907.1	937,979	2906.9	937,979	0.01	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283				0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0		0.0	0
KHTV-CD D22 DC LIC	7718.6	11,523,140	7578.6	11,489,430		7577.7	11,488,926
NEW D22 LD APP	112.6	6,944	6.3	1,261		5.9	1,254
K22OM-D D22 LD APP	38.7	622	0.0	0		0.0	0
K12QV D22+ LD CP	13.6	0	2.8	0		2.8	0
KSMV-LD D23 LD LIC	37.2	29,665	4.7	1,060		4.7	1,060
K47CC-D D23 LD LIC	0.3	0	0.0	0		0.0	0

Interference to BLANK0000029037 LIC scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	KTAV-LD	D21	LD	APP	Los Angeles, CA		32.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7

K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	143.2
KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
NEW	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825BEY	165.8
K22OM-D	D22	LD	APP	SANTA BARBARA, CA	BNPDTL20090825ACH	149.6
K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7
K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	324.4
KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	0.8
K47CC-D	D23	LD	LIC	VICTORVILLE, CA	BLANK0000120152	83.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12465.5	13,318,642	10640.2	12,463,440	2906.8	937,679	2906.6	937,679	0.01	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
KTAV-LD D21 LD APP	5.5	2,283			0.2	0
K22NA-D D22 LD LIC	0.3	0	0.0	0	0.0	0
KHTV-CD D22 DC LIC	7718.6	11,523,140	7578.2	11,489,430	7577.2	11,488,926
NEW D22 LD APP	112.6	6,944	6.3	1,261	5.9	1,254
K22OM-D D22 LD APP	38.7	622	0.0	0	0.0	0
K12QV D22+ LD CP	13.6	0	2.8	0	2.8	0
KSMV-LD D23 LD CP	42.3	29,965	4.9	1,360	4.9	1,360
K47CC-D D23 LD LIC	0.3	0	0.0	0	0.0	0

Interference to proposal scenario 1
2.90% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTAV-LD	D21	LD	APP	Los Angeles, CA		
Undesireds:	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	170.1 km
	K21MO-D	D21	LD	CP	RIVERSIDE, CA	BLANK0000071749	146.3
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	150.8
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	32.1
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	32.0

Service area		Terrain-limited		IX-free		Percent IX	
6797.2	10,772,853	6062.3	10,436,963	5286.3	10,134,229	12.80	2.90

Undesired		Total IX		Unique IX	Prcnt Unique IX	
K21MO-D D21 LD CP	31.3	9,582	16.9	0	0.28	0.00
KPMR D21 DT LIC	732.4	282,578	689.6	227,446	11.37	2.18
KHTV-CD D22 DC LIC	60.3	75,011	17.7	15,348	0.29	0.15
KMRZ-LD D22 LD LIC	15.2	1,353	0.5	201	0.01	0.00

Interference to proposal scenario 2
**MX: 3.12% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTAV-LD	D21	LD	APP	Los Angeles, CA		
Undesireds:	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	170.1 km
	K21MO-D	D21	LD	CP	RIVERSIDE, CA	BLANK0000071749	146.3
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	151.9
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	32.1
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	32.0

Service area		Terrain-limited		IX-free		Percent IX	
6797.2	10,772,853	6062.3	10,436,963	5220.1	10,111,798	13.89	3.12

Undesired		Total IX		Unique IX	Prcnt Unique IX	
K21MO-D D21 LD CP	31.3	9,582	17.1	0	0.28	0.00
KPMR D21 DT APP	801.0	307,119	755.7	249,877	12.47	2.39
KHTV-CD D22 DC LIC	60.3	75,011	16.5	14,353	0.27	0.14
KMRZ-LD D22 LD LIC	15.2	1,353	0.5	201	0.01	0.00