

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: SantaBarbara22dFFP, Model: Longley-Rice

Start: 2020.01.21 10:56:38

Study created: 2020.01.21 10:56:38

Study build station data: LMS TV 2020-01-21

Proposal: NEW D22 LD APP SANTA BARBARA, CA

Facility ID: 181925

Station data: User record

Record ID: 1278

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Search options:

Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K21MN-D	D21	LD	CP	BAKERSFIELD, CA	BNPDTL20100514ABR	100.6 km
Yes	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	10.4
Yes	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	11.5
No	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825APG	128.2
No	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825ANW	128.7
No	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	155.9
No	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	225.2
Yes	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	167.1
Yes	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	322.0
No	K22LI-D	D22	LD	CP	NEWMAN, CA	BNPDTL20100513ADU	335.7
Yes	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	165.8
No	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	444.3
No	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	276.9
No	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	275.9
No	KAXT-CD	D22	DC	CP	SAN FRANCISCO, SAN JO, CA	BLANK0000080584	379.4

No	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	244.3
Yes	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	218.5
No	KSNV	D22	DT	LIC	LAS VEGAS, NV	BLCDT20090220ABX	470.2
No	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	166.5
No	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	166.5
No	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	218.5
No	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	120.4
No	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	266.9
Yes	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	50.2
No	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	342.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22
 Mask: Full Service
 Latitude: 34 30 10.00 N (NAD83)
 Longitude: 119 50 59.50 W
 Height AMSL: 886.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: Omnidirectional
 Elev Pattn: Generic

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	487.9 m	66.1 km
45.0	15.0	257.4	54.7
90.0	15.0	58.1	38.2
135.0	15.0	803.5	74.3
180.0	15.0	860.3	75.5
225.0	15.0	817.6	74.6
270.0	15.0	380.6	61.3
315.0	15.0	578.3	68.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 530 m

Distance to Canadian border: 1555.5 km

Distance to Mexican border: 306.7 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 335.0 degrees Distance: 396.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 59.9 degrees Distance: 1431.0 km

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 BLCDT20110607ABB LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		10.4 km
	KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	287.2
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	415.8
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6
	XHDTV	D21	DT	LIC	TECATE, BN	BLANKBPFS20160302ACX	392.2
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
43404.1	1,758,463	33276.4	1,466,233	32615.5	1,445,272	32563.5 1,443,659	0.16 0.11

Undesired		Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	53.1	1,613		52.1 1,613
KFTV-DT D21 DT CP	558.5	5,111	557.5 5,111	556.5 5,111
KHTV-CD D22 DC LIC	45.8	14,271	13.1 12,187	13.1 12,187
XHDTV D21 DT LIC	89.2	3,663	57.5 1,579	57.5 1,579

Interference to BLCDT20110607ABB LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		10.4 km
	KFTV-DT	D21	DT	BL	HANFORD, CA	DTVBL34439	287.2
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	415.8
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6
	XHDTV	D21	DT	LIC	TECATE, BN	BLANKBPFS20160302ACX	392.2
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
43404.1	1,758,463	33276.4	1,466,233	32577.7	1,444,435	32525.6 1,442,822	0.16 0.11

Undesired		Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	53.1	1,613		52.1 1,613
KFTV-DT D21 DT BL	596.4	5,948	595.4 5,948	594.4 5,948
KHTV-CD D22 DC LIC	45.8	14,271	13.1 12,187	13.1 12,187
XHDTV D21 DT LIC	89.2	3,663	57.5 1,579	57.5 1,579

Interference to BPCDT20120817ABD APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		11.5 km
	KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	287.2
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	415.1
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	178.6
	XHDTV	D21	DT	LIC	TECATE, BN	BLANKBPFS20160302ACX	393.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
42008.9	1,637,433	32729.3	1,437,756	32002.0	1,427,480	31935.9	1,425,415	0.21	0.14

Undesired		Total IX		Unique IX, before		Unique IX, after	
NEW D22 LD APP	66.1	2,065			66.1	2,065	
KFTV-DT D21 DT CP	649.9	4,529	648.9	4,529	648.9	4,529	
KHTV-CD D22 DC LIC	30.9	4,282	12.1	4,049	12.1	4,049	
XHDTV D21 DT LIC	65.3	1,698	47.5	1,465	47.5	1,465	

Interference to BPCDT20120817ABD APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		11.5 km
	KFTV-DT	D21	DT	BL	HANFORD, CA	DTVBL34439	287.2
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	415.1
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	178.6
	XHDTV	D21	DT	LIC	TECATE, BN	BLANKBPFS20160302ACX	393.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
42008.9	1,637,433	32729.3	1,437,756	31943.2	1,426,752	31877.1	1,424,687	0.21	0.14

Undesired		Total IX		Unique IX, before		Unique IX, after	
NEW D22 LD APP	66.1	2,065			66.1	2,065	
KFTV-DT D21 DT BL	708.7	5,257	707.7	5,257	707.7	5,257	
KHTV-CD D22 DC LIC	30.9	4,282	12.1	4,049	12.1	4,049	
XHDTV D21 DT LIC	65.3	1,698	47.5	1,465	47.5	1,465	

Interference to BLANK0000068679 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		167.1 km

KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	99.7
XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	212.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
17725.3	14,992,798	13711.7	13,825,439	13624.2	13,778,193	13480.2	13,758,883	1.06 0.14

Undesired		Total IX		Unique IX, before		Unique IX, after
NEW D22 LD APP	155.8	24,072			144.0	19,310
KVMD D23 DD CP	10.9	18,897	10.9	18,897	10.9	18,897
XHUAA D22 DT LIC	76.6	28,349	76.6	28,349	64.7	23,587

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:	NEW	D22	LD	APP	SANTA BARBARA, CA		167.1 km
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	212.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
17725.3	14,992,798	13711.7	13,825,439	13635.1	13,797,090	13491.1	13,777,780	1.06 0.14

Undesired		Total IX		Unique IX, before		Unique IX, after
NEW D22 LD APP	155.8	24,072			144.0	19,310
XHUAA D22 DT LIC	76.6	28,349	76.6	28,349	64.7	23,587

Interference to BLANK0000052124 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		322.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	24.4
	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	0.2
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	174.3
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	154.9

KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK00000029037	156.3
KSNV	D22	DT	LIC	LAS VEGAS, NV	BLCDT20090220ABX	271.2
K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK00000062881	218.1
KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK00000072547	55.2
XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	161.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6571.7	579,183	4698.4	448,302	4418.9	438,768	4418.9	438,768	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	1.0	0	0.0
K21GI D21 LD CP	13.8	149	8.9
K21DO-D D21 DC LIC	19.8	1,083	3.0
KVYE D22 DT LIC	223.1	543	193.4
KHTV-CD D22 DC LIC	28.6	7,715	4.9
KMRZ-LD D22 LD LIC	16.8	7,351	1.0
KSNV D22 DT LIC	1.0	0	0.0
KVMD D23 DD CP	43.5	3,337	14.8
XHUAA D22 DT LIC	4.0	0	1.0

Interference to BLANK0000052124 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		322.0 km
	K21GI	N21+	TX	LIC	MORONGO VALLEY, CA	BLTT20050516AUD	24.4
	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	0.2
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	174.3
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	154.9
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK00000029037	156.3
	KSNV	D22	DT	LIC	LAS VEGAS, NV	BLCDT20090220ABX	271.2
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK00000062881	218.1
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK00000072547	55.2
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	161.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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6571.7	579,183	4698.4	448,302	4426.8	438,842	4426.8	438,842	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
NEW D22 LD APP	1.0		0			0.0	0		
K21GI N21+ TX LIC	1.0		48	1.0	48	1.0	48		
K21DO-D D21 DC LIC	19.8		1,083	3.0	1,063	3.0	1,063		
KVYE D22 DT LIC	223.1		543	194.4	509	194.4	509		
KHTV-CD D22 DC LIC	28.6		7,715	4.9	416	4.9	416		
KMRZ-LD D22 LD LIC	16.8		7,351	1.0	0	1.0	0		
KSNV D22 DT LIC	1.0		0	0.0	0	0.0	0		
KVMD D23 DD CP	43.5		3,337	16.8	44	16.8	44		
XHUAA D22 DT LIC	4.0		0	1.0	0	1.0	0		

Interference to BLANK0000052124 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		322.0 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	24.4
	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	0.2
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	174.3
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	154.9
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	156.3
	KSNV	D22	DT	LIC	LAS VEGAS, NV	BLCDT20090220ABX	271.2
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	218.1
	KVMD	D23	DT	LIC	TWENTYNINE PALMS, CA	BLCDT20060615AAB	39.9
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	161.8

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
6571.7	579,183	4698.4	448,302	4421.9	438,768	4421.9	438,768	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
NEW D22 LD APP	1.0		0			0.0	0		
K21GI D21 LD CP	13.8		149	9.9	122	9.9	122		
K21DO-D D21 DC LIC	19.8		1,083	3.0	1,063	3.0	1,063		
KVYE D22 DT LIC	223.1		543	195.4	491	195.4	491		

KHTV-CD D22 DC LIC	28.6	7,715	4.9	416	4.9	416
KMRZ-LD D22 LD LIC	16.8	7,351	2.0	52	2.0	52
KSNV D22 DT LIC	1.0	0	0.0	0	0.0	0
KVMD D23 DT LIC	36.6	44	11.9	44	11.9	44
XHUAA D22 DT LIC	4.0	0	1.0	0	1.0	0

Interference to BLANK0000052124 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KJHP-LP	D22	LD	CP	MORONGO VALLEY, CA	BLANK0000052124	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		322.0 km
	K21GI	N21+	TX	LIC	MORONGO VALLEY, CA	BLTT20050516AUD	24.4
	K21DO-D	D21	DC	LIC	PALM SPRINGS, CA	BLDTA20150209ABF	0.2
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	174.3
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	154.9
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	156.3
	KSNV	D22	DT	LIC	LAS VEGAS, NV	BLCDT20090220ABX	271.2
	K22DR-D	D22	LD	LIC	LAUGHLIN, NV	BLANK0000062881	218.1
	KVMD	D23	DT	LIC	TWENTYNINE PALMS, CA	BLCDT20060615AAB	39.9
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	161.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6571.7 579,183	4698.4 448,302	4430.7 438,842	4430.7 438,842	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	1.0 0	0.0 0	
K21GI N21+ TX LIC	1.0 48	1.0 48	
K21DO-D D21 DC LIC	19.8 1,083	3.0 1,063	
KVYE D22 DT LIC	223.1 543	196.4 518	
KHTV-CD D22 DC LIC	28.6 7,715	4.9 416	
KMRZ-LD D22 LD LIC	16.8 7,351	2.0 52	
KSNV D22 DT LIC	1.0 0	0.0 0	
KVMD D23 DT LIC	36.6 44	12.9 44	
XHUAA D22 DT LIC	4.0 0	1.0 0	

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:	NEW	D22	LD	APP	SANTA BARBARA, CA		165.8 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	143.7
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	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
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	214.9
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	12470.7 13,320,187		10641.4 12,473,092		2900.0 912,797	2892.1 911,849	0.27 0.10
Undesired				Total IX	Unique IX, before	Unique IX, after	
NEW D22 LD APP		109.1		5,176		8.0 948	
NEW D22 LD APP		3.0		0	2.0 0	2.0 0	
KHTV-CD D22 DC LIC		7720.2		11,560,295	7631.6 11,522,857	7545.3 11,519,142	
K12QV D22+ LD CP		13.1		0	4.0 0	4.0 0	
KSMV-LD D23 LD LIC		38.7		25,627	2.0 0	2.0 0	
KVMD D23 DD CP		23.7		27,745	0.0 0	0.0 0	
XHUAA D22 DT LIC		52.0		4,338	12.0 0	12.0 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:	NEW	D22	LD	APP	SANTA BARBARA, CA		165.8 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	143.7
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	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
XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	214.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12470.7	13,320,187	10641.4	12,473,092	2900.0	912,797	2892.1	911,849	0.27	0.10

Undesired		Total IX	Unique IX, before		Unique IX, after	
NEW D22 LD APP	109.1	5,176			8.0	948
NEW D22 LD APP	3.0	0	2.0	0	2.0	0
KHTV-CD D22 DC LIC	7720.2	11,560,295	7628.6	11,522,857	7544.3	11,519,142
K12QV D22+ LD CP	13.1	0	4.0	0	4.0	0
KSMV-LD D23 LD CP	42.7	25,627	2.0	0	2.0	0
KVMD D23 DD CP	23.7	27,745	0.0	0	0.0	0
XHUAA D22 DT LIC	52.0	4,338	12.0	0	12.0	0

Interference to BLANK0000029037 LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		165.8 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	143.7
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	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
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	214.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
12470.7	13,320,187	10641.4	12,473,092	2900.0	912,797	2892.1	911,849	0.27	0.10

Undesired		Total IX	Unique IX, before		Unique IX, after	
NEW D22 LD APP	109.1	5,176			8.0	948
NEW D22 LD APP	3.0	0	2.0	0	2.0	0

KHTV-CD D22 DC LIC	7720.2	11,560,295	7642.5	11,532,773	7554.2	11,529,058
K12QV D22+ LD CP	13.1	0	4.0	0	4.0	0
KSMV-LD D23 LD LIC	38.7	25,627	2.0	0	2.0	0
XHUAA D22 DT LIC	52.0	4,338	12.0	0	12.0	0

Interference to BLANK0000029037 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		165.8 km
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	143.7
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3
	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
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	214.9
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	12470.7 13,320,187	10641.4	12,473,092	2900.0	912,797	2892.1 911,849	0.27 0.10
Undesired			Total IX	Unique IX, before		Unique IX, after	
NEW D22 LD APP	109.1	5,176			8.0 948		
NEW D22 LD APP	3.0	0	2.0	0	2.0 0		
KHTV-CD D22 DC LIC	7720.2	11,560,295	7639.5	11,532,773	7553.2 11,529,058		
K12QV D22+ LD CP	13.1	0	4.0	0	4.0 0		
KSMV-LD D23 LD CP	42.7	25,627	2.0	0	2.0 0		
XHUAA D22 DT LIC	52.0	4,338	12.0	0	12.0 0		

Interference to BLANK0000093296 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		218.5 km

KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	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	CP	SACRAMENTO, CA	BLANK0000030659	322.9
KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	321.5
KAXT-CD	D22	DC	CP	SAN FRANCISCO, SAN JO, CA	BLANK0000080584	301.4
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	29226.2 2,153,428	28814.2 2,144,730	28810.2 2,144,730	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	6.0 0	4.0 0	
KFTV-DT D21 DT CP	268.9 5,347	222.9 4,251	221.9 4,251
KHTV-CD D22 DC LIC	16.0 0	16.0 0	16.0 0
KTXL D22 DT CP	122.0 1,906	38.0 212	38.0 212
KSPX-TV D22 DT BL	110.0 1,623	27.0 33	27.0 33
KTFF-DT D23 DT LIC	15.1 2,487	15.1 2,487	15.1 2,487

Interference to BLANK0000093296 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		218.5 km
	KFTV-DT	D21	DT	BL	HANFORD, CA	DTVBL34439	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	CP	SACRAMENTO, CA	BLANK0000030659	322.9
	KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	321.5
	KAXT-CD	D22	DC	CP	SAN FRANCISCO, SAN JO, CA	BLANK0000080584	301.4
	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	29226.2 2,153,428	28806.2 2,144,915	28802.2 2,144,915	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
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NEW D22 LD APP	6.0	0		4.0	0
KFTV-DT D21 DT BL	271.9	5,067	230.9	4,066	229.9 4,066
KHTV-CD D22 DC LIC	16.0	0	16.0	0	16.0 0
KTXL D22 DT CP	122.0	1,906	39.0	212	39.0 212
KSPX-TV D22 DT BL	110.0	1,623	27.0	33	27.0 33
KTFF-DT D23 DT LIC	15.1	2,487	15.1	2,487	15.1 2,487

Interference to BLDTL20130508ABU LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		50.2 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	117.3
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	217.4
	K24NX-D	D24	LD	CP	SANTA BARBARA, CA	BLANK0000071874	34.0

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	5141.4	694,641	4660.5	544,382	3473.0 505,685	3471.0 505,685	0.06 0.00

Undesired			Total IX		Unique IX, before	Unique IX, after	
NEW D22 LD APP		4.0	1,391		2.0	0	
KSMV-LD D23 LD LIC		1014.7	38,563		858.4 20,966	858.4 20,966	
KVMD D23 DD CP		328.0	17,088		172.8 134	172.8 134	
K24NX-D D24 LD CP		5.0	4,756		0.0 0	0.0 0	

Interference to BLDTL20130508ABU LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	
Undesireds:	NEW	D22	LD	APP	SANTA BARBARA, CA		50.2 km
	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	117.3
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	217.4
	K24NX-D	D24	LD	CP	SANTA BARBARA, CA	BLANK0000071874	34.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5141.4 694,641	4660.5 544,382	3389.1 503,073	3387.1 503,073	0.06 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	4.0 1,391	2.0 0	
KSMV-LD D23 LD CP	1101.6 41,175	942.3 23,578	942.3 23,578
KVMD D23 DD CP	328.0 17,088	169.8 134	169.8 134
K24NX-D D24 LD CP	5.0 4,756	0.0 0	0.0 0

Interference to BLDTL20130508ABU LIC scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	
Undesireds: NEW	D22	LD	APP	SANTA BARBARA, CA		50.2 km
KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	117.3
K24NX-D	D24	LD	CP	SANTA BARBARA, CA	BLANK0000071874	34.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5141.4 694,641	4660.5 544,382	3645.8 505,819	3643.8 505,819	0.05 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	4.0 1,391	2.0 0	
KSMV-LD D23 LD LIC	1014.7 38,563	1009.7 33,807	1009.7 33,807
K24NX-D D24 LD CP	5.0 4,756	0.0 0	0.0 0

Interference to BLDTL20130508ABU LIC scenario 4

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	
Undesireds: NEW	D22	LD	APP	SANTA BARBARA, CA		50.2 km
KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	117.3
K24NX-D	D24	LD	CP	SANTA BARBARA, CA	BLANK0000071874	34.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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5141.4	694,641	4660.5	544,382	3558.9	503,207	3556.9	503,207	0.06	0.00
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Undesired			Total IX	Unique IX, before	Unique IX, after
NEW D22 LD APP	4.0		1,391		2.0 0
KSMV-LD D23 LD CP	1101.6		41,175	1096.6 36,419	1096.6 36,419
K24NX-D D24 LD CP	5.0		4,756	0.0 0	0.0 0

Interference to proposal scenario 1
3.47% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D22	LD	APP	SANTA BARBARA, CA		
Undesireds:	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	10.4 km
	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	155.9
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	167.1
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK0000029037	165.8
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	276.9
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	218.5
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	166.5
	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	50.2

	Service area	Terrain-limited		IX-free	Percent IX
13571.2	574,220	10755.0	470,548	10550.5	454,214 1.90 3.47

Undesired			Total IX	Unique IX	Prcnt Unique IX
KPMR D21 DT LIC	135.9		11,348	105.0 4,657	0.98 0.99
NEW D22 LD APP	1.0		0	1.0 0	0.01 0.00
KHTV-CD D22 DC LIC	58.8		11,677	15.9 0	0.15 0.00
KMRZ-LD D22 LD LIC	71.6		11,677	20.8 0	0.19 0.00
KNXT D22 DT LIC	3.0		0	1.0 0	0.01 0.00
KIMG-LD D23 LD LIC	8.1		7,893	2.0 0	0.02 0.00

Interference to proposal scenario 2
**MX: 3.34% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D22	LD	APP	SANTA BARBARA, CA		
Undesireds:	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	11.5 km
	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	155.9
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	167.1
	KMRZ-LD	D22	LD	LIC	Pomona, CA	BLANK00000029037	165.8
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	276.9
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK00000093296	218.5
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	166.5
	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	50.2

Service area	Terrain-limited	IX-free	Percent IX
13571.2 574,220	10755.0 470,548	10563.6 454,846	1.78 3.34

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPMR D21 DT APP	122.9 10,716	92.0 4,025	0.86 0.86
NEW D22 LD APP	1.0 0	1.0 0	0.01 0.00
KHTV-CD D22 DC LIC	58.8 11,677	14.9 0	0.14 0.00
KMRZ-LD D22 LD LIC	71.6 11,677	20.8 0	0.19 0.00
KNXT D22 DT LIC	3.0 0	1.0 0	0.01 0.00
KIMG-LD D23 LD LIC	8.1 7,893	2.0 0	0.02 0.00