

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: BP22d15kwT, Model: Longley-Rice

Start: 2020.12.15 13:06:05

Study created: 2020.12.15 13:06:05

Study build station data: LMS TV 2020-12-15

Proposal: K22OP-D D22 LD APP SANTA BARBARA, CA

Facility ID: 181925

Station data: User record

Record ID: 1721

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	K21MN-D	D21	LD	CP	BAKERSFIELD, CA	BNPDTL20100514ABR	105.4 km
No	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK0000126677	150.8
Yes	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	0.0
Yes	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	1.1
No	K22NA-D	D22	LD	LIC	INYOKERN, ETC, CA	BLANK0000068893	232.9
Yes	KMRZ-LD	D22	LD	LIC	LOS ANGELES, CA	BLANK0000029037	176.2
Yes	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6
No	KJHP-LD	D22	LD	LIC	MORONGO VALLEY, CA	BLANK0000125585	332.4
No	K22LI-D	D22	LD	CP	NEWMAN, CA	BNPDTL20100513ADU	330.3
No	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000117080	438.8
No	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	269.2
No	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	268.2
No	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	372.6
No	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	254.5
Yes	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	220.7
No	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	176.9
No	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	176.9
No	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	220.7

Yes	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	112.5
No	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	277.3
Yes	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	60.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22
Mask: Stringent
Latitude: 34 31 28.40 N (NAD83)
Longitude: 119 57 38.40 W
Height AMSL: 1243.5 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.00

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	919.8 m	76.7 km
45.0	15.0	870.6	75.7
90.0	15.0	602.7	69.7
135.0	15.0	1066.3	80.1
180.0	15.0	1173.8	82.6
225.0	15.0	1124.8	81.5
270.0	15.0	559.6	68.3
315.0	15.0	947.7	77.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 908 m

Distance to Canadian border: 1551.3 km

Distance to Mexican border: 315.7 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 336.2 degrees Distance: 390.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 60.1 degrees Distance: 1438.5 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:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		0.0 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK0000127568	332.3
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6
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	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	30909.1 1,446,453	5.40 0.03
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Undesired				Total IX	Unique IX, before		Unique IX, after
K22OP-D D22 LD APP	1764.9			398	1763.9 398		
KFTV-DT D21 DT LIC	558.5			5,111	557.5 5,111		556.5 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

Desired:	Call KPMR	Chan D21	Svc DT	Status APP	City, State SANTA BARBARA, CA	File Number BPCDT20120817ABD	Distance				
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		1.1 km				
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	287.2				
	K21DO-D	D21	DC	APP	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		30111.1 1,428,004		6.05 0.07			
Undesired				Total IX	Unique IX, before		Unique IX, after				
K22OP-D D22 LD APP	1940.4			941	1938.4 941						
KFTV-DT D21 DT LIC	649.9			4,529	648.9 4,529		646.9 4,529				
KHTV-CD D22 DC LIC	30.9			4,282	29.9 4,282		29.9 4,282				

Interference to BLANK0000029037 LIC scenario 1

Desired:	Call KMRZ-LD	Chan D22	Svc LD	Status LIC	City, State LOS ANGELES, CA	File Number BLANK0000029037	Distance				
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		176.2 km				
	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK0000126677	32.0				
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7				
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK0000127568	156.2				
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	2.3				
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK0000054552	83.7				
	K22DR	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				
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX			
12470.7 13,320,187		10641.4 12,473,092		2914.1 912,797		2906.2 912,496		0.27 0.03			
Undesired				Total IX	Unique IX, before		Unique IX, after				
K22OP-D D22 LD APP	205.1			10,843	7.9 301						

KTAV-LD D21 LD LIC	4.0	3,381	0.0	0	0.0	0
KHTV-CD D22 DC LIC	7720.2	11,560,295	7660.7	11,521,371	7480.3	11,516,863
K12QV D22+ LD CP	13.1	0	4.0	0	4.0	0
KSMV-LD D23 LD LIC	38.7	25,627	3.0	0	2.0	0
KVMD D23 DD CP	23.7	27,745	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	LOS ANGELES, CA	BLANK0000029037	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		176.2 km
	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK00000126677	32.0
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK00000127568	156.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	2.3
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK00000054552	83.7
	K22DR	D22	LD	LIC	LAUGHLIN, NV	BLANK00000062881	324.4
	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	0.8
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK00000072547	101.1
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	12470.7 13,320,187	10641.4	12,473,092	2914.1	912,797	2906.2 912,496	0.27 0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
K22OP-D D22 LD APP	205.1 10,843	7.9 301	
KTAV-LD D21 LD LIC	4.0 3,381	0.0 0	
KHTV-CD D22 DC LIC	7720.2 11,560,295	7656.7 11,521,371	7478.4 11,516,863
K12QV D22+ LD CP	13.1 0	4.0 0	4.0 0
KSMV-LD D23 LD CP	42.7 25,627	3.0 0	2.0 0
KVMD D23 DD CP	23.7 27,745	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	LOS ANGELES, CA	BLANK0000029037	

Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		176.2 km
	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK00000126677	32.0
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK00000127568	156.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	2.3
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK00000054552	83.7
	K22DR	D22	LD	LIC	LAUGHLIN, NV	BLANK00000062881	324.4
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	0.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
12470.7 13,320,187	10641.4 12,473,092	2914.1 912,797	2906.2 912,496	0.27 0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
K22OP-D D22 LD APP	205.1 10,843		7.9 301
KTAV-LD D21 LD LIC	4.0 3,381	0.0 0	0.0 0
KHTV-CD D22 DC LIC	7720.2 11,560,295	7671.5 11,531,287	7488.2 11,524,179
K12QV D22+ LD CP	13.1 0	4.0 0	4.0 0
KSMV-LD D23 LD LIC	38.7 25,627	3.0 0	2.0 0

Interference to BLANK0000029037 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMRZ-LD	D22	LD	LIC	LOS ANGELES, CA	BLANK0000029037	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		176.2 km
	KTAV-LD	D21	LD	LIC	Los Angeles, CA	BLANK00000126677	32.0
	K21GI	D21	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120109ACZ	141.7
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK00000127568	156.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	2.3
	K12QV	D22+	LD	CP	VICTORVILLE, CA	BLANK00000054552	83.7
	K22DR	D22	LD	LIC	LAUGHLIN, NV	BLANK00000062881	324.4
	KSMV-LD	D23	LD	CP	LOS ANGELES, CA	BPDTL20130515ACU	0.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
12470.7 13,320,187	10641.4 12,473,092	2914.1 912,797	2906.2 912,496	0.27 0.03

Undesired		Total IX	Unique IX, before		Unique IX, after	
K22OP-D D22 LD APP	205.1	10,843			7.9	301
KTAV-LD D21 LD LIC	4.0	3,381	0.0	0	0.0	0
KHTV-CD D22 DC LIC	7720.2	11,560,295	7667.5	11,531,287	7486.3	11,524,179
K12QV D22+ LD CP	13.1	0	4.0	0	4.0	0
KSMV-LD D23 LD CP	42.7	25,627	3.0	0	2.0	0

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:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		177.6 km
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK0000127568	154.8
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK0000072547	99.7
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	17725.3	14,992,798	13711.7	13,825,439	13700.8	13,806,542	13469.8 13,776,436 1.69 0.22
Undesired		Total IX	Unique IX, before		Unique IX, after		
K22OP-D D22 LD APP	231.0	30,106			231.0	30,106	
KVMD D23 DD CP	10.9	18,897	10.9	18,897	10.9	18,897	

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:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		177.6 km
	K21DO-D	D21	DC	APP	PALM SPRINGS, CA	BLANK0000127568	154.8
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	17725.3	14,992,798	13711.7	13,825,439	13711.7	13,825,439	13480.7 13,795,333 1.68 0.22
Undesired		Total IX	Unique IX, before		Unique IX, after		
K22OP-D D22 LD APP	231.0	30,106			231.0	30,106	

Interference to BLANK0000093296 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		220.7 km
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK00000116939	102.1
	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDT20110607ABB	220.7
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	241.0
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK00000117080	322.9
	KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	321.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK00000064190	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	28806.2 2,144,730	0.03 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
K22OP-D D22 LD APP		16.0		0		8.0	0
KFTV-DT D21 DT LIC		268.9		5,347	222.9 4,251	222.9	4,251
KHTV-CD D22 DC LIC		16.0		0	16.0 0	16.0	0
KTXL D22 DT LIC		122.0		1,906	38.0 212	37.0	212
KSPX-TV D22 DT BL		110.0		1,623	27.0 33	23.0	33
KTFF-DT D23 DT LIC		15.1		2,487	15.1 2,487	15.1	2,487

Interference to BLANK0000052471 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		112.5 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	267.9
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK00000004713	247.2
	KMUV-LD	D23	LD	CP	MONTEREY, CA	BLANK00000127007	172.7
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK00000064190	193.5
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK00000113145	331.3

KKFX-CD	D24	DC	CP	SAN LUIS OBISPO, CA	BLANK0000035688	0.0
K24KE-D	D24	LD	CP	SANTA MARIA, CA	BNPDTL20100420AHR	52.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5299.1	314,403	4361.5	274,715	4214.8	245,681	4202.9	243,493	0.28	0.89

Undesired		Total IX		Unique IX, before		Unique IX, after	
K22OP-D D22 LD APP	18.0	6,356				12.0	2,188
K23LK-D D23 LD CP	1.0	0	0.0	0	0.0	0	
KMUV-LD D23 LD CP	2.0	0	1.0	0	1.0	0	
KTFF-DT D23 DT LIC	114.8	447	111.8	0	110.8	0	
KKFX-CD D24 DC CP	14.9	1,659	13.9	1,212	13.9	1,212	
K24KE-D D24 LD CP	17.0	27,375	17.0	27,375	13.0	23,207	

Interference to BLANK0000052471 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		112.5 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	267.9
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	247.2
	KMUV-LD	D23	LD	CP	MONTEREY, CA	BLANK0000127007	172.7
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	193.5
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000113145	331.3
	KKFX-CD	D24	DC	LIC	SAN LUIS OBISPO, CA	BLANK0000129283	0.0
	K24KE-D	D24	LD	CP	SANTA MARIA, CA	BNPDTL20100420AHR	52.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5299.1	314,403	4361.5	274,715	4214.8	245,681	4202.9	243,493	0.28	0.89

Undesired		Total IX		Unique IX, before		Unique IX, after	
K22OP-D D22 LD APP	18.0	6,356				12.0	2,188
K23LK-D D23 LD CP	1.0	0	0.0	0	0.0	0	
KMUV-LD D23 LD CP	2.0	0	1.0	0	1.0	0	
KTFF-DT D23 DT LIC	114.8	447	111.8	0	110.8	0	
KKFX-CD D24 DC LIC	14.9	1,659	13.9	1,212	13.9	1,212	

K24KE-D D24 LD CP	17.0	27,375	17.0	27,375	13.0	23,207
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Interference to BLANK0000052471 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		112.5 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	267.9
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	247.2
	KMUV-LD	D23	LD	CP	MONTEREY, CA	BLANK00000127007	172.7
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK00000064190	193.5
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK00000113145	331.3
	K24KE-D	D24	LD	CP	SANTA MARIA, CA	BNPDTL20100420AHR	52.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5299.1 314,403	4361.5 274,715	4228.8 246,893	4216.8 244,705	0.28 0.89

Undesired	Total IX	Unique IX, before	Unique IX, after
K22OP-D D22 LD APP 18.0	6,356	12.0 2,188	
K23LK-D D23 LD CP 1.0	0 0.0 0	0.0 0	
KMUV-LD D23 LD CP 2.0	0 1.0 0	1.0 0	
KTFF-DT D23 DT LIC 114.8	447 112.8 447	111.8 447	
K24KE-D D24 LD CP 17.0	27,375 17.0 27,375	13.0 23,207	

Interference to BLANK0000052471 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		112.5 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	267.9
	KMUV-LD	D23	LD	CP	MONTEREY, CA	BLANK00000127007	172.7
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK00000064190	193.5
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK00000113145	331.3
	KKFX-CD	D24	DC	CP	SAN LUIS OBISPO, CA	BLANK0000035688	0.0

K24KE-D	D24	LD	CP	SANTA MARIA, CA	BNPDTL20100420AHR	52.8	
Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5299.1	314,403	4361.5	274,715	4214.8	245,681	4202.9 243,493	0.28 0.89
Undesired			Total IX	Unique IX, before	Unique IX, after		
K22OP-D D22 LD APP	18.0	6,356		12.0	2,188		
KMUV-LD D23 LD CP	2.0	0	1.0	0	1.0	0	
KTFF-DT D23 DT LIC	114.8	447	112.8	0	110.8	0	
KKFX-CD D24 DC CP	14.9	1,659	13.9	1,212	13.9	1,212	
K24KE-D D24 LD CP	17.0	27,375	17.0	27,375	13.0	23,207	

Interference to BLANK0000052471 CP scenario 5

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	
Undesireds: K22OP-D	D22	LD	APP	SANTA BARBARA, CA		112.5 km
KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	267.9
KMUV-LD	D23	LD	CP	MONTEREY, CA	BLANK00000127007	172.7
KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK00000064190	193.5
KQCA	D23	DT	LIC	STOCKTON, CA	BLANK00000113145	331.3
KKFX-CD	D24	DC	LIC	SAN LUIS OBISPO, CA	BLANK00000129283	0.0
K24KE-D	D24	LD	CP	SANTA MARIA, CA	BNPDTL20100420AHR	52.8

Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5299.1	314,403	4361.5	274,715	4214.8	245,681	4202.9 243,493	0.28 0.89
Undesired			Total IX	Unique IX, before	Unique IX, after		
K22OP-D D22 LD APP	18.0	6,356		12.0	2,188		
KMUV-LD D23 LD CP	2.0	0	1.0	0	1.0	0	
KTFF-DT D23 DT LIC	114.8	447	112.8	0	110.8	0	
KKFX-CD D24 DC LIC	14.9	1,659	13.9	1,212	13.9	1,212	
K24KE-D D24 LD CP	17.0	27,375	17.0	27,375	13.0	23,207	

Interference to BLANK0000052471 CP scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFUL-LD	D23	LD	CP	SAN LUIS OBISPO, CA	BLANK0000052471	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		112.5 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	267.9
	KMUV-LD	D23	LD	CP	MONTEREY, CA	BLANK00000127007	172.7
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK00000064190	193.5
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK00000113145	331.3
	K24KE-D	D24	LD	CP	SANTA MARIA, CA	BNPDTL20100420AHR	52.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5299.1 314,403	4361.5 274,715	4228.8 246,893	4216.8 244,705	0.28 0.89

Undesired	Total IX	Unique IX, before	Unique IX, after
K22OP-D D22 LD APP 18.0	6,356	12.0 2,188	
KMUV-LD D23 LD CP 2.0	0	1.0 0	
KTFF-DT D23 DT LIC 114.8	447	111.8 447	
K24KE-D D24 LD CP 17.0	27,375	13.0 23,207	

Interference to BLDTL20130508ABU LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		60.6 km
	KSMV-LD	D23	LD	LIC	LOS ANGELES, CA	BLDTL20110425ACA	117.3
	KVMD	D23	DD	CP	TWENTYNINE PALMS, CA	BLANK00000072547	217.4
	K24NX-D	D24	LD	CP	SANTA BARBARA, CA	BLANK00000071874	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	3450.9 505,427	0.64 0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
K22OP-D D22 LD APP 34.2	8,142	22.1 258	
KSMV-LD D23 LD LIC 1014.7	38,563	854.4 19,970	
KVMD D23 DD CP 328.0	17,088	171.8 134	

K24NX-D D24 LD CP	5.0	4,756	0.0	0	0.0	0
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Interference to BLDTL20130508ABU LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU			
Undesireds:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		60.6 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		3367.0 502,815		0.65 0.05	
Undesired		Total IX		Unique IX, before		Unique IX, after			
K22OP-D D22 LD APP		34.2		8,142		22.1 258			
KSMV-LD D23 LD CP		1101.6		41,175		942.3 23,578		938.3 22,582	
KVMD D23 DD CP		328.0		17,088		169.8 134		168.8 134	
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:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		60.6 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		3622.7 505,561		0.63 0.05	
Undesired		Total IX		Unique IX, before		Unique IX, after			
K22OP-D D22 LD APP		34.2		8,142		23.1 258			
KSMV-LD D23 LD LIC		1014.7		38,563		1009.7 33,807		1003.7 30,679	

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:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		60.6 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
5141.4	694,641	4660.5		544,382	3558.9	503,207	3535.8 502,949 0.65 0.05
Undesired				Total IX	Unique IX, before	Unique IX, after	
K22OP-D D22 LD APP		34.2		8,142		23.1 258	
KSMV-LD D23 LD CP		1101.6		41,175	1096.6 36,419	1090.5 33,291	
K24NX-D D24 LD CP		5.0		4,756	0.0 0	0.0 0	

Interference to proposal scenario 1
2.04% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		
Undesireds:	KPMR	D21	DT	LIC	SANTA BARBARA, CA	BLCDDT20110607ABB	0.0 km
	KMRZ-LD	D22	LD	LIC	LOS ANGELES, CA	BLANK0000029037	176.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK0000068679	177.6
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	269.2
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK0000093296	220.7
	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	60.6
Service area		Terrain-limited		IX-free		Percent IX	
18691.2	518,858	14388.5		436,372	14224.1	427,483	1.14 2.04
Undesired				Total IX	Unique IX	Prcnt Unique IX	

KPMR D21 DT LIC	44.1	5,043	39.1	5,043	0.27	1.16
KMRZ-LD D22 LD LIC	66.4	2,671	35.6	0	0.25	0.00
KHTV-CD D22 DC LIC	56.7	2,679	26.9	8	0.19	0.00
KNXT D22 DT LIC	28.9	0	23.0	0	0.16	0.00
KIMG-LD D23 LD LIC	4.0	1,167	4.0	1,167	0.03	0.27

Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K22OP-D	D22	LD	APP	SANTA BARBARA, CA		
Undesireds:	KPMR	D21	DT	APP	SANTA BARBARA, CA	BPCDT20120817ABD	1.1 km
	KMRZ-LD	D22	LD	LIC	LOS ANGELES, CA	BLANK00000029037	176.2
	KHTV-CD	D22	DC	LIC	LOS ANGELES, CA	BLANK00000068679	177.6
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	269.2
	KNXT	D22	DT	LIC	VISALIA, CA	BLANK00000093296	220.7
	KIMG-LD	D23	LD	LIC	VENTURA, CA	BLDTL20130508ABU	60.6

Service area	Terrain-limited	IX-free	Percent IX
18691.2 518,858	14388.5 436,372	14170.1 430,315	1.52 1.39

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPMR D21 DT APP	109.0 2,211 93.1	2,211	0.65 0.51
KMRZ-LD D22 LD LIC	66.4 2,671 31.7	0	0.22 0.00
KHTV-CD D22 DC LIC	56.7 2,679 25.9	8	0.18 0.00
KNXT D22 DT LIC	28.9 0 21.0	0	0.15 0.00
KIMG-LD D23 LD LIC	4.0 1,167 4.0	1,167	0.03 0.27