

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: KKTF-LD 24 15 kW TUM TU 02-02M #1895, Model: Longley-Rice  
Start: 2022.01.05 17:39:18

Study created: 2022.01.05 17:39:18

Study build station data: LMS TV 2022-01-04

Proposal: KKTF-LD D24 LD APP CHICO, CA  
File number: KKTF-LD 24 15 kW TUM TU 02-02M  
Facility ID: 131020  
Station data: User record  
Record ID: 593  
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel  
Protect baseline records from LPTV

Search options:

Non-U.S. records included  
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KXVU-LD	N17-	TX	LIC	CHICO, CA	BLTTTL20060303AAJ	0.0 km
Yes	K23PH-D	D23	LD	CP	CHICO, CA	BNPDTL20090825APB	23.8
No	KQSL	D23	LD	APP	FORT BRAGG, CA	BLANK0000112741	167.9
Yes	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	106.8
No	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	103.0
Yes	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	189.6
Yes	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	189.6
No	K23DT-D	D23	LD	LIC	TAHOE CITY, CA	BLDTT20140116ABS	172.4
No	DK43AF	D23	LD	APP	UKIAH, CA	BLANK0000081272	151.2
No	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	157.9
No	K24KX-D	D24	LD	LIC	CEDARVILLE, CA	BLDTT20120730AKG	230.7
No	KEET	D24	LD	LIC	EUREKA, CA	BLANK0000074563	210.6
No	KBID-LP	D24	LD	LIC	FRESNO, CA	BLDRTL20140403ABF	377.3
No	KMCE-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000064357	356.8
No	KMCE-LD	D24+	LD	CP	MONTEREY, CA	BLANK0000072280	322.8
Yes	K44KG-D	D24	LD	CP	REDDING, CA	BLANK0000034990	103.2
Yes	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	192.2
No	KAAP-LD	D24	LD	LIC	SANTA CRUZ, CA	BLANK0000113511	275.3
No	DK41AF	D24	LD	APP	UKIAH, CA	BLANK0000081269	151.2
No	K24NL-D	D24	LD	LIC	WEED, CA	BLANK0000063704	173.7
No	K24FF-D	D24	LD	LIC	LOVELOCK, NV	BLDTT20091030ADJ	254.5
No	K24KP-D	D24	LD	CP	SILVER SPRINGS, NV	BNPDTL20090825BOB	213.0
No	K24NS-D	D24+	LD	LIC	STATELINE, NV	BLANK0000144489	188.5
No	K24IB-D	D24	LD	LIC	VERDI/MOGUL, NV	BLDTT20081006AFB	157.3
No	K24EY-D	D24	LD	LIC	WALKER LAKE, NV	BLDTT20120229ABS	311.2
Yes	K25QL-D	D25	LD	CP	CHICO, CA	BLANK0000098928	27.2
No	KRHT-LD	D25	LD	LIC	REDDING, CA	BLANK0000143760	103.3
Yes	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	192.2
No	K38IU-D	D25	LD	LIC	SUSANVILLE, ETC, CA	BLANK0000063049	126.9
No	DK39AG	D25z	LD	APP	UKIAH, CA	BLANK0000081268	151.2
No	KRRI-LP	D25-	LD	CP	RENO, NV	BLANK0000151219	169.2
No	KRRI-LP	N25-	TX	LIC	RENO, NV	BLTTTL19981028JG	168.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24  
Mask: Stringent  
Latitude: 39 57 42.70 N (NAD83)  
Longitude: 121 42 43.20 W  
Height AMSL: 1181.1 m  
HAAT: 0.0 m

Peak ERP: 15.0 kW  
 Antenna: Dielectric-TUA-TU-02/02M 0.0 deg  
 Elev Pattern: Generic  
 Elec Tilt: 1.00

49.8 dBU contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.049 kW	193.9 m	21.5 km
45.0	0.050	114.2	16.1
90.0	0.026	135.4	15.4
135.0	0.027	348.6	24.3
180.0	1.82	633.9	56.4
225.0	14.4	739.3	72.4
270.0	4.02	686.7	62.7
315.0	0.014	502.4	24.8

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m Computed HAAT: 419 m

Distance to Canadian border: 929.9 km

Distance to Mexican border: 903.2 km

Conditions at FCC monitoring station: Livermore CA  
 Bearing: 180.9 degrees Distance: 248.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
 Bearing: 83.8 degrees Distance: 1398.3 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%

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 Interference to BNPDTL20090825APB CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	K23PH-D	D23	LD	CP	CHICO, CA	BNPDTL20090825APB			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	23.8 km		
	KZVU-LD	D22	LD	LIC	CHICO, CA	BLDTL20091016ABN	23.9		
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	265.3		
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	102.3		
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	180.9		
	K23PA-D	D23	LD	CP	KLAMATH FALLS, OR	BLANK0000170865	262.4		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
1481.2		127,363		1475.2		127,264	595.6 10,598		
				595.6		10,598	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				193.0	1,366	0.0 0			
KZVU-LD D22 LD LIC				56.4	299	0.0 0			
KRDT-CD D23 DC CP				877.5	116,666	817.1 116,367	680.5 115,300		
KQCA D23 DT CP				7.0	44	2.0 0	2.0 0		

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 Interference to BNPDTL20090825APB CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K23PH-D	D23	LD	CP	CHICO, CA	BNPDTL20090825APB	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	23.8 km
	KZVU-LD	D22	LD	LIC	CHICO, CA	BLDTL20091016ABN	23.9
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	265.3
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	102.3

KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	180.9		
K23PA-D	D23	LD	CP	KLAMATH FALLS, OR	BLANK0000170865	262.4		
Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX	
1481.2	127,363			1475.2	127,264	596.6	10,598	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after		
KKTF-LD D24 LD APP				193.0	1,366	0.0	0	
KZVU-LD D22 LD LIC				56.4	299	0.0	0	
KRDT-CD D23 DC CP				877.5	116,666	819.1	116,367	
KQCA D23 DT LIC				4.0	44	1.0	0	
						682.5	115,300	
						1.0	0	

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Interference to BNPDTL20090825APB CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance					
	K23PH-D	D23	LD	CP	CHICO, CA	BNPDTL20090825APB						
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	23.8 km					
	KZVU-LD	D22	LD	LIC	CHICO, CA	BLDTL20091016ABN	23.9					
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	265.3					
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	101.3					
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	180.9					
	K23PA-D	D23	LD	CP	KLAMATH FALLS, OR	BLANK0000170865	262.4					
Service area					Terrain-limited	IX-free, before	IX-free, after	Percent New IX				
1481.2	127,363				1475.2	127,264	788.3	53,873	777.2	53,846	1.41	0.05
Undesired					Total IX	Unique IX, before	Unique IX, after					
KKTF-LD D24 LD APP					193.0	1,366	11.1	27				
KZVU-LD D22 LD LIC					56.4	299	0.0	0				
KRDT-CD D23 DC LIC					681.9	73,347	624.5	73,092				
KQCA D23 DT CP					7.0	44	4.0	0				
							499.0	72,052				
							4.0	0				

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Interference to BNPDTL20090825APB CP scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance					
	K23PH-D	D23	LD	CP	CHICO, CA	BNPDTL20090825APB						
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	23.8 km					
	KZVU-LD	D22	LD	LIC	CHICO, CA	BLDTL20091016ABN	23.9					
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	265.3					
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	101.3					
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	180.9					
	K23PA-D	D23	LD	CP	KLAMATH FALLS, OR	BLANK0000170865	262.4					
Service area					Terrain-limited	IX-free, before	IX-free, after	Percent New IX				
1481.2	127,363				1475.2	127,264	790.3	53,873	779.2	53,846	1.40	0.05
Undesired					Total IX	Unique IX, before	Unique IX, after					
KKTF-LD D24 LD APP					193.0	1,366	11.1	27				
KZVU-LD D22 LD LIC					56.4	299	0.0	0				
KRDT-CD D23 DC LIC					681.9	73,347	625.4	73,092				
KQCA D23 DT LIC					4.0	44	2.0	0				
							500.0	72,052				
							2.0	0				

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Interference to BLANK0000036140 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance					
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140						
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	106.8 km					
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	278.3					
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	257.4					
Service area					Terrain-limited	IX-free, before	IX-free, after	Percent New IX				
16917.3	232,294				14720.9	226,682	14670.7	226,675	14668.7	226,675	0.01	0.00
Undesired					Total IX	Unique IX, before	Unique IX, after					
KKTF-LD D24 LD APP					4.0	0	2.0	0				

KQCA D23 DT CP	50.2	7	49.2	7	47.2	7
KRXI-TV D23 DT LIC	1.0	0	0.0	0	0.0	0

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Interference to BLANK0000036140 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	106.8 km		
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	278.3		
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	257.4		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
16917.3 232,294		14720.9 226,682		14690.8 226,682		14687.7 226,682	0.02 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				4.0 0		3.0 0			
KQCA D23 DT LIC				30.1 0	29.1 0	28.1 0			
KRXI-TV D23 DT LIC				1.0 0	0.0 0	0.0 0			

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Interference to BLANK0000127501 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	189.6 km		
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5		
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5		
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5		
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	278.3		
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9		
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
47050.4 10,727,382		40449.6 7,037,180		37477.0 6,765,075		37477.0 6,765,075	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				28.8 30		0.0 0			
KTXL D22 DT LIC				218.6 10,456	116.3 7,002	116.3 7,002			
KAXT-CD D22 DC LIC				264.8 129,917	264.8 129,917	264.8 129,917			
KTFF-DT D23 DT LIC				1026.6 44,869	1010.5 44,827	1010.5 44,827			
KRDT-CD D23 DC CP				1281.2 34,368	1252.3 34,243	1229.5 34,215			
KRXI-TV D23 DT LIC				31.0 32,542	11.1 32,513	10.1 32,513			
KMAX-TV D24 DT LIC				282.7 23,509	191.3 20,088	191.3 20,088			

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Interference to BLANK0000127501 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	189.6 km		
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5		
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5		
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5		
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	279.8		
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9		
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
47050.4 10,727,382		40449.6 7,037,180		38603.1 6,798,754		38597.2 6,798,748	0.02 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				28.8 30		6.0 6			
KTXL D22 DT LIC				218.6 10,456	123.3 7,025	123.3 7,025			
KAXT-CD D22 DC LIC				264.8 129,917	264.8 129,917	264.8 129,917			
KTFF-DT D23 DT LIC				1026.6 44,869	1010.5 44,827	1010.5 44,827			
KRDT-CD D23 DC LIC				144.1 593	126.2 564	109.4 542			
KRXI-TV D23 DT LIC				31.0 32,542	11.1 32,513	11.1 32,513			

KMAX-TV D24 DT LIC	282.7	23,509	191.3	20,120	191.3	20,120
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Interference to BLANK0000143769 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	189.6 km
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	278.3
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
41039.3 10,079,859	35368.9 6,381,890	33257.8 6,195,280	33257.8 6,195,280	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KKTF-LD D24 LD APP	1.0 0	0.0 0	
KTXL D22 DT LIC	281.0 13,950	143.5 7,914	143.5 7,914
KAXT-CD D22 DC LIC	96.4 76,969	94.4 76,938	94.4 76,938
KTFF-DT D23 DT LIC	647.8 35,614	621.6 35,583	621.6 35,583
KRDT-CD D23 DC CP	908.5 28,706	877.6 28,602	876.6 28,602
KRXI-TV D23 DT LIC	26.0 9,734	7.0 9,734	7.0 9,734
KMAX-TV D24 DT LIC	324.0 27,777	201.4 21,740	201.4 21,740

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Interference to BLANK0000143769 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	189.6 km
	KTXL	D22	DT	LIC	SACRAMENTO, CA	BLANK0000146740	1.5
	KAXT-CD	D22	DC	LIC	SAN FRANCISCO, SAN JO, CA	BLANK0000117033	91.5
	KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	321.5
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEEA	279.8
	KRXI-TV	D23	DT	LIC	RENO, NV	BLANK0000067482	199.9
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	2.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
41039.3 10,079,859	35368.9 6,381,890	34058.8 6,223,693	34058.8 6,223,693	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KKTF-LD D24 LD APP	1.0 0	0.0 0	
KTXL D22 DT LIC	281.0 13,950	155.4 7,945	155.4 7,945
KAXT-CD D22 DC LIC	96.4 76,969	94.4 76,938	94.4 76,938
KTFF-DT D23 DT LIC	647.8 35,614	621.6 35,583	621.6 35,583
KRDT-CD D23 DC LIC	91.6 189	76.6 189	75.6 189
KRXI-TV D23 DT LIC	26.0 9,734	6.0 9,734	6.0 9,734
KMAX-TV D24 DT LIC	324.0 27,777	202.4 21,772	202.4 21,772

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Interference to BLANK0000034990 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K44KG-D	D24	LD	CP	REDDING, CA	BLANK0000034990	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	103.2 km
	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	11.8
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	282.1
	KRHT-LD	D25	LD	LIC	REDDING, CA	BLANK0000143760	0.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1977.6 135,984	1787.8 135,385	1758.0 133,981	1754.0 133,866	0.23 0.09

Undesired	Total IX	Unique IX, before	Unique IX, after
KKTF-LD D24 LD APP	9.0 261	4.0 115	
KRDT-CD D23 DC CP	13.9 49	5.0 0	5.0 0

KMAX-TV D24 DT LIC	7.0	195	2.0	0	2.0	0
KRHT-LD D25 LD LIC	20.9	1,404	11.9	1,160	9.9	1,148

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Interference to BLANK0000034990 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	K44KG-D	D24	LD	CP	REDDING, CA	BLANK0000034990			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	103.2 km		
	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	0.5		
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	282.1		
	KRHT-LD	D25	LD	LIC	REDDING, CA	BLANK0000143760	0.4		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
1977.6		135,984		1787.8		1354.2	0.07		
				135,385		42,824	0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				9.0	261	1.0	0		
KRDT-CD D23 DC LIC				423.7	92,182	404.8	91,042		
KMAX-TV D24 DT LIC				7.0	195	3.0	0		
KRHT-LD D25 LD LIC				20.9	1,404	6.0	379		

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Interference to BLANK0000112953 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	192.2 km		
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	2.9		
	KKFX-CD	D24	DC	LIC	SAN LUIS OBISPO, CA	BLANK0000129283	328.8		
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	0.0		
	KQET	D25	DT	LIC	WATSONVILLE, CA	BLEDT20090624ABV	164.9		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
47463.8		10,765,731		40696.3		39219.1	3.00		
				7,180,698		7,134,786	0.42		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				1228.4	30,322	1212.4	30,301		
KQCA D23 DT CP				231.7	15,443	206.7	15,276		
KOVR D25 DT LIC				34.1	299	22.1	134		
KQET D25 DT LIC				10.1	34	10.1	34		

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Interference to BLANK0000112953 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953			
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	192.2 km		
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	2.9		
	KKFX-CD	D24	DC	LIC	SAN LUIS OBISPO, CA	BLANK0000129283	328.8		
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	0.0		
	KQET	D25	DT	LIC	WATSONVILLE, CA	BLEDT20090624ABV	164.9		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
47463.8		10,765,731		40696.3		39289.4	3.00		
				7,180,698		7,143,776	0.42		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KKTF-LD D24 LD APP				1228.4	30,322	1215.4	30,301		
KQCA D23 DT LIC				148.4	6,288	136.4	6,286		
KOVR D25 DT LIC				34.1	299	31.1	280		
KQET D25 DT LIC				10.1	34	10.1	34		

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Interference to BLANK0000112953 LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	

Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	192.2 km
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000127501	2.9
	KKFX-CD	D24	DC	CP	SAN LUIS OBISPO, CA	BLANK0000157896	328.8
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	0.0
	KQET	D25	DT	LIC	WATSONVILLE, CA	BLEDT20090624ABV	164.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
47463.8	10,765,731	40696.3	7,180,698	40430.5	7,165,087	39218.1	7,134,786	3.00 0.42

Undesired		Total IX		Unique IX, before		Unique IX, after
KKTF-LD D24 LD APP	1228.4	30,322			1212.4	30,301
KQCA D23 DT CP	231.7	15,443	220.7	15,278	206.7	15,276
KKFX-CD D24 DC CP	2.0	0	1.0	0	1.0	0
KOVR D25 DT LIC	34.1	299	23.1	134	22.1	134
KQET D25 DT LIC	10.1	34	9.1	34	9.1	34

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Interference to BLANK0000112953 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	192.2 km
	KQCA	D23	DT	LIC	STOCKTON, CA	BLANK0000143769	2.9
	KKFX-CD	D24	DC	CP	SAN LUIS OBISPO, CA	BLANK0000157896	328.8
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	0.0
	KQET	D25	DT	LIC	WATSONVILLE, CA	BLEDT20090624ABV	164.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
47463.8	10,765,731	40696.3	7,180,698	40503.7	7,174,077	39288.3	7,143,776 3.00 0.42

Undesired		Total IX		Unique IX, before		Unique IX, after
KKTF-LD D24 LD APP	1228.4	30,322			1215.4	30,301
KQCA D23 DT LIC	148.4	6,288	147.4	6,288	136.4	6,286
KKFX-CD D24 DC CP	2.0	0	1.0	0	1.0	0
KOVR D25 DT LIC	34.1	299	33.1	299	31.1	280
KQET D25 DT LIC	10.1	34	9.1	34	9.1	34

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Interference to BLANK0000098928 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K25QL-D	D25	LD	CP	CHICO, CA	BLANK0000098928	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	27.2 km
	KRHT-LD	D25	LD	LIC	REDDING, CA	BLANK0000143760	119.2
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	167.7
	KRRI-LP	D25-	LD	CP	RENO, NV	BLANK0000151219	172.6
	KQLY-LD	D26	LD	CP	CHICO, CA	BNPDTL20100722HYG	18.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
2462.0	170,552	2391.5	168,785	2141.4	148,209	2051.4	147,666 4.21 0.37

Undesired		Total IX		Unique IX, before		Unique IX, after
KKTF-LD D24 LD APP	98.1	593			90.1	543
KRHT-LD D25 LD LIC	65.0	1,907	45.9	1,897	41.9	1,884
KOVR D25 DT LIC	204.2	18,679	184.1	18,669	181.1	18,632
KQLY-LD D26 LD CP	1.0	0	0.0	0	0.0	0

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Interference to BLANK0000147726 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	192.2 km
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	396.6
	KQET	D25	DT	LIC	WATSONVILLE, CA	BLEDT20090624ABV	164.9
	KDJT-CD	D26	DC	LIC	SALINAS/MONTEREY, ETC, CA	BLANK0000159177	164.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX

48135.7	10,787,892	41218.9	7,212,263	40355.0	6,756,282	40331.2	6,756,255	0.06	0.00
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Undesired			Total IX	Unique IX, before	Unique IX, after
KKTF-LD D24 LD APP	23.8	27		23.8	27
KGET-TV D25 DT LIC	12.0	8	9.0	8	9.0
KQET D25 DT LIC	854.9	455,973	848.9	455,973	848.9
KDJT-CD D26 DC LIC	3.0	0	0.0	0	0.0

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Interference to BLANK0000147726 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KOVR	D25	DT	LIC	STOCKTON, CA	BLANK0000147726	
Undesireds:	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	192.2 km
	KGET-TV	D25	DT	CP	BAKERSFIELD, CA	BLANK0000127615	396.6
	KQET	D25	DT	LIC	WATSONVILLE, CA	BLEDT20090624ABV	164.9
	KDJT-CD	D26	DC	LIC	SALINAS/MONTEREY,ETC, CA	BLANK0000159177	164.9
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	48135.7	10,787,892	41218.9	7,212,263	40319.0	6,756,264	40295.1
							6,756,237
							0.06
							0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
KKTF-LD D24 LD APP	23.8	27		23.8	27
KGET-TV D25 DT CP	56.1	75	45.0	26	45.0
KQET D25 DT LIC	854.9	455,973	840.8	455,924	840.8
KDJT-CD D26 DC LIC	3.0	0	0.0	0	0.0

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Interference to proposal scenario 1  
14.10% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	
Undesireds:	KRDT-CD	D23	DC	CP	REDDING, CA	BLANK0000036140	106.8 km
	KMCE-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000064357	356.8
	K44KG-D	D24	LD	CP	REDDING, CA	BLANK0000034990	103.2
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	192.2
	K25QL-D	D25	LD	CP	CHICO, CA	BLANK0000098928	27.2
	Service area		Terrain-limited		IX-free	Percent IX	
	5748.2	205,160	5506.3	201,051	5218.7	172,707	5.22
							14.10

Undesired			Total IX	Unique IX	Prcnt Unique IX
K44KG-D D24 LD CP	2.0	0	0.0	0	0.00
KMAX-TV D24 DT LIC	286.6	28,344	280.5	28,344	5.09
K25QL-D D25 LD CP	5.0	0	1.0	0	0.02

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Interference to proposal scenario 2  
14.10% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KKTF-LD	D24	LD	APP	CHICO, CA	KKTF-LD 24 15 kW TUM T	
Undesireds:	KRDT-CD	D23	DC	LIC	REDDING, CA	BLDTA20110620AEA	103.0 km
	KMCE-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000064357	356.8
	K44KG-D	D24	LD	CP	REDDING, CA	BLANK0000034990	103.2
	KMAX-TV	D24	DT	LIC	SACRAMENTO, CA	BLANK0000112953	192.2
	K25QL-D	D25	LD	CP	CHICO, CA	BLANK0000098928	27.2
	Service area		Terrain-limited		IX-free	Percent IX	
	5748.2	205,160	5506.3	201,051	5218.7	172,707	5.22
							14.10

Undesired			Total IX	Unique IX	Prcnt Unique IX
KRDT-CD D23 DC LIC	6.0	0	0.0	0	0.00
K44KG-D D24 LD CP	2.0	0	0.0	0	0.00
KMAX-TV D24 DT LIC	286.6	28,344	276.5	28,344	5.02
K25QL-D D25 LD CP	5.0	0	1.0	0	0.02