

# INTERFERENCE ANALYSIS FOR PROPOSED KAXT-CD, SAN FRANCISCO, SAN JOSE, CA, CHANNEL 22 (SUMMARY)

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: kaxt\_x74, Model: Longley-Rice

Study build station data: LMS TV 2019-08-22

Proposal: KAXT\_X74 D22 DC APP SAN FRANCISCO, SAN JO, CA  
File number: kaxt\_x74  
Facility ID: 37689  
Station data: User record  
Record ID: 4049  
Country: U.S.

Build options:  
Protect LPTV records from Class A

Search options:  
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	221.0 km
No	KMUV-LD	D21	LD	LIC	MONTEREY, CA	BLANK0000072057	88.8
Yes	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	89.3
Yes	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	53.8
Yes	KCNZ-CD	D21z	DC	CP	SAN FRANCISCO, CA	BLANK0000034944	53.8
No	KDTV-CD	D21	DC	CP	SANTA ROSA, CA	BLANK0000064188	146.0
No	K38FQ	D22+	LD	CP	ANDERSON/CENTRL VAL., CA	BLANK0000034272	351.4
No	KAFF-TV	D22	DT	LIC	ARCATA, CA	BLCDT20071012ASQ	401.9
No	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825APG	357.5
No	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825ANW	350.2
No	NEW	D22	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUG	371.1
No	KZVU-LD	D22	LD	LIC	CHICO, CA	BLDTL20091016ABN	274.2
No	K22LI-D	D22	LD	CP	NEWMAN, CA	BNPDTL20100513ADU	74.0
Yes	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	91.7
Yes	KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	91.4
Yes	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	109.5
Yes	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	110.2
No	K22LM-D	D22	LD	CP	SANTA MARIA, CA	BDCCDTT20120725AAE	372.6
No	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	301.4
No	K22FH-D	D22	LD	LIC	HAWTHORNE, NV	BLDTT20100630BZY	292.3
No	KNPB	D22	LD	LIC	RENO, NV	BLANK0000063431	263.2
No	K22JC-D	D22	LD	LIC	SILVER SPRINGS, NV	BLDTT20121204ACN	314.7
No	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	44.0
No	K23LK-D	D23	LD	LIC	MODESTO, CA	BLDTL20140220AAA	88.0
No	KMUV-LD	N23-	TX	LIC	MONTEREY, CA	BLTTL20070402KPQ	88.8
Yes	KSCZ-LD	D23	LD	CP	SAN JOSE-SAN FRANCIS, CA	BLANK0000077950	0.0
Yes	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	91.5
No	K29AB	N29	TX	LIC	MONTEREY, ETC., CA	BLTT19811124IC	88.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

## Channel: D22

Mask: Full Service  
Latitude: 37 29 57.00 N (NAD83)  
Longitude: 121 52 20.00 W  
Height AMSL: 909.5 m  
HAAT: 690.0 m  
Peak ERP: 15.0 kW  
Antenna: DIE-TUM-C2-2/4M-1 SM (ID 1005295) 359.0 deg  
Elev Pattern: DIE-TUM-C2-2/4M-1 SM  
Tilts: elec 4.00, mech 0.60 @ 300.0 deg

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.012 kW	752.9 m	27.8 km
45.0	0.005	553.0	20.3
90.0	0.013	322.7	20.2

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135.0	1.27	458.5	50.0
180.0	12.1	841.2	73.5
225.0	8.84	892.5	72.2
270.0	11.2	896.2	74.0
315.0	4.68	801.5	66.2

Distance to Canadian border: 1199.8 km

Distance to Mexican border: 677.1 km

Conditions at FCC monitoring station: Livermore CA  
Bearing: 22.4 degrees Distance: 27.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 73.4 degrees Distance: 1466.2 km

Study cell size: 0.50 km (Higher resolution cell size requested.)  
Profile point spacing: 0.10 km (Higher resolution profile point spacing requested.)

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

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Interference to BLANK0000068563 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	89.3 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	89.3
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000036141	63.7
	KDTV-DT	D20	DT	CP	SAN FRANCISCO, CA	BLANK0000034452	89.3
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000001059	209.2
	KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	224.1
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	102.8
	KDTV-CD	D21	DC	CP	SANTA ROSA, CA	BLANK0000064188	108.9
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	2.7
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	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
36533.4	7,061,099	33567.6	5,378,990	30136.0	4,793,893	30136.0 4,793,893	0.00 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
KAXT-CD D22 DC BL			1.0 37	0.0 0			
KAXT_X74 D22 DC APP			2.9 58			0.0 0	
K20JX-D D20 DC CP			12.0 629	6.7 347		6.7 347	
KDTV-DT D20 DT CP			96.1 17,395	9.6 3,767		8.2 3,746	
KFTV-DT D21 DT CP			1832.9 266,054	1268.5 191,852		1268.5 191,852	
KCNZ-CD D21z DC APP			675.3 78,091	138.1 8,215		138.1 8,215	
KDTV-CD D21 DC CP			1741.2 342,088	785.2 205,712		785.2 205,712	
KTXL D22 DT CP			314.3 37,610	219.7 28,952		219.7 28,952	

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Interference to BLANK0000078876 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	53.8 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	53.8
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000036141	161.3
	KDTV-DT	D20	DT	CP	SAN FRANCISCO, CA	BLANK0000034452	53.8
	KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	273.9
	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	102.8
	KDTV-CD	D21	DC	CP	SANTA ROSA, CA	BLANK0000064188	110.5
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	104.2
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	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
7442.5	5,270,628	6007.7	4,612,018	5553.2	4,484,727	5553.2 4,484,727	0.00 0.00

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Undesired		Total IX	Unique IX, before		Unique IX, after	
KAXT-CD D22 DC BL	0.2	0	0.0	0		
KAXT_X74 D22 DC APP	1.0	106			0.0	0
KDTV-DT D20 DT CP	105.1	28,296	72.0	7,204	71.2	7,098
KFTV-DT D21 DT CP	5.8	1,722	3.9	688	3.9	688
KSPX-TV D21 DT CP	65.0	9,968	24.0	2,268	24.0	2,268
KDTV-CD D21 DC CP	347.8	111,887	296.9	92,875	296.9	92,875
KTXL D22 DT CP	4.2	0	0.0	0	0.0	0

## ----- Interference to BLANK0000034944 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCNZ-CD	D21z	DC	CP	SAN FRANCISCO, CA	BLANK0000034944	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	53.8 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	53.8
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000036141	161.2
	KDTV-DT	D20	DT	CP	SAN FRANCISCO, CA	BLANK0000034452	53.8
	KFTV-DT	D21	DT	CP	HANFORD, CA	BLANK0000034318	273.9
	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	102.7
	KDTV-CD	D21	DC	CP	SANTA ROSA, CA	BLANK0000064188	110.5
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	104.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
7642.1 5,181,095		6228.1 4,508,626		5799.9 4,382,971		5799.9 4,382,971	0.00 0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
KAXT-CD D22 DC BL	0.0	0	0.0	0		
KAXT_X74 D22 DC APP	1.2	966			0.0	0
KDTV-DT D20 DT CP	85.1	31,925	51.7	8,947	50.5	7,981
KFTV-DT D21 DT CP	5.1	1,540	3.4	760	3.4	760
KSPX-TV D21 DT CP	65.5	13,557	25.4	2,986	25.4	2,986
KDTV-CD D21 DC CP	341.3	107,371	289.9	84,541	289.9	84,541
KTXL D22 DT CP	2.2	0	0.0	0	0.0	0

## ----- Interference to BLANK0000030659 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	91.7 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	91.7
	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	2.7
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	104.2
	KDTV-CD	D21	DC	CP	SANTA ROSA, CA	BLANK0000064188	107.4
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	322.9
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	1.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
42230.5 8,295,371		38503.7 6,103,970		37596.7 5,955,013		37562.8 5,943,894	0.09 0.19

Undesired		Total IX	Unique IX, before		Unique IX, after	
KAXT-CD D22 DC BL	429.1	119,204	410.2	100,872		
KAXT_X74 D22 DC APP	463.7	130,337			444.0	111,991
KSPX-TV D21 DT CP	10.2	1,006	4.5	597	4.8	597
KCNZ-CD D21z DC APP	10.9	20,446	2.4	2,613	2.4	2,613
KDTV-CD D21 DC CP	20.0	445	12.5	20	12.0	20
KNXT D22 DT CP	426.9	23,538	426.4	23,538	426.2	23,538
KQCA D23 DT CP	34.0	3,059	27.3	2,618	27.0	2,604

## ----- Interference to DTVBL52953 BL scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	91.5 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	91.4
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	104.8

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KDTV-CD	D21	DC	CP	SANTA ROSA, CA	BLANK0000064188	108.9
KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	1.5
KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	321.5
KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	0.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
35301.6 6,762,330	32479.8 5,230,550	11885.2 1,136,698	11883.5 1,136,670	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KAXT-CD D22 DC BL	386.8 19,756	9.4 2,600	
KAXT_X74 D22 DC APP	404.4 27,678		11.1 2,628
KCNZ-CD D21z DC APP	13.8 1,822	0.2 0	0.2 0
KDTV-CD D21 DC CP	21.5 1,135	0.8 2	0.8 2
KTXL D22 DT CP	20572.8 4,090,662	19783.9 4,054,069	19768.7 4,046,432
KNXT D22 DT CP	204.6 5,133	4.4 0	4.1 0
KQCA D23 DT CP	218.6 12,385	6.2 588	6.2 588

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Interference to BPDTL20120425AAW CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	109.5 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	109.5
	KMUV-LD	D21	LD	LIC	MONTEREY, CA	BLANK0000072057	26.8
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	147.0
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	193.3
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	250.5
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	110.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
10550.9 715,508	8404.2 602,503	8371.7 602,444	8362.8 602,427	0.11 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KAXT-CD D22 DC BL	27.7 59	27.7 59	
KAXT_X74 D22 DC APP	36.5 76		36.5 76
KTXL D22 DT CP	0.2 0	0.0 0	0.0 0
KNXT D22 DT CP	4.9 0	4.6 0	4.6 0

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Interference to BLDTL20101005ABL LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KLFB-LD	D22	LD	LIC	SALINAS, CA	BLDTL20101005ABL	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	110.2 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	110.2
	KMUV-LD	D21	LD	LIC	MONTEREY, CA	BLANK0000072057	26.9
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	147.9
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	249.4
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	110.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6803.8 727,115	5901.5 597,862	5865.3 597,835	5859.2 597,823	0.10 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KAXT-CD D22 DC BL	35.0 27	35.0 27	
KAXT_X74 D22 DC APP	41.1 39		41.1 39
KMUV-LD D21 LD LIC	0.5 0	0.5 0	0.5 0
KNXT D22 DT CP	0.7 0	0.7 0	0.7 0

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Interference to BLANK0000077950 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSCZ-LD	D23	LD	CP	SAN JOSE-SAN FRANCIS, CA	BLANK0000077950	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	0.0 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	0.0
	KLFB-LD	D22	LD	CP	SALINAS, CA	BPDTL20120425AAW	109.5
	K23LK-D	D23	LD	CP	MODESTO, CA	BLANK0000004713	44.0

# INTERFERENCE ANALYSIS FOR PROPOSED KAXT-CD, SAN FRANCISCO, SAN JOSE, CA, CHANNEL 22 (SUMMARY)

KMUV-LD	N23-	TX	LIC	MONTEREY, CA	BLTTL20070402KPQ	88.8
KTFF-DT	D23	DT	LIC	PORTERVILLE, CA	BLANK0000064190	301.4
KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	91.5
KMCE-LD	D24+	LD	LIC	MONTEREY, CA	BLANK0000064357	88.9
NEW	D24	LD	APP	MONTEREY, CA	BNPDTL20090825BCC	125.8
KMAX-TV	D24	DT	CP	SACRAMENTO, CA	BLANK0000066967	88.5
NEW	D24	LD	APP	SALINAS, CA	BNPDTL20090825BPM	88.8
NEW	D24	LD	APP	SALINAS, CA	BNPDTL20090825ANM	109.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
5798.6	2,367,711	3827.3	2,105,033	3766.9	2,073,350	3748.5	2,058,575	0.49	0.71
Undesired		Total IX		Unique IX, before		Unique IX, after			
KAXT-CD D22 DC BL		30.2	23,346	26.9	18,053				
KAXT_X74 D22 DC APP		50.3	38,121			45.2	32,828		
KMUV-LD N23- TX LIC		26.0	13,600	12.2	2,064	11.7	2,064		
KTFF-DT D23 DT LIC		2.2	63	0.5	0	0.5	0		
KQCA D23 DT CP		12.6	331	4.4	30	4.4	30		
NEW D24 LD APP		1.0	63	0.0	0	0.0	0		
KMAX-TV D24 DT CP		2.9	0	0.0	0	0.0	0		
NEW D24 LD APP		7.8	6,005	0.0	0	0.0	0		
NEW D24 LD APP		1.9	63	0.0	0	0.0	0		

## Interference to BLANK0000034562 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	
Undesireds:	KAXT-CD	D22	DC	BL	SAN FRANCISCO, SAN JO, CA	DTVBL37689	91.5 km
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	91.5
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	1.5
	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	CP	SACRAMENTO, CA	BLANK0000066967	2.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
47052.4	10,727,773	41745.6	6,977,083	39619.4	6,808,776	39583.1	6,774,907	0.09	0.50
Undesired		Total IX		Unique IX, before		Unique IX, after			
KAXT-CD D22 DC BL		139.2	84,004	138.2	83,927				
KAXT_X74 D22 DC APP		175.4	117,873			174.4	117,796		
KTXL D22 DT CP		30.2	2,669	24.2	2,526	24.2	2,526		
KTFF-DT D23 DT LIC		784.9	43,994	779.8	43,917	779.8	43,917		
KRDT-CD D23 DC CP		1119.3	30,482	1110.1	30,474	1110.1	30,474		
KRXI-TV D23 DT LIC		16.5	2,693	4.7	2,685	4.7	2,685		
KMAX-TV D24 DT CP		56.2	4,693	50.5	4,550	50.5	4,550		

## Interference to proposal scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	
Undesireds:	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	89.3 km
	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	53.8
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	91.7
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	301.4
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	91.5

Service area		Terrain-limited		IX-free		Percent IX	
9637.9	5,386,442	6709.0	4,748,643	6680.9	4,747,667	0.42	0.02

Undesired		Total IX		Unique IX		Prcnt Unique IX	
KTXL D22 DT CP		27.5	976	26.3	976	0.39	0.02
KNXT D22 DT CP		0.2	0	0.2	0	0.00	0.00
KQCA D23 DT CP		1.5	0	0.2	0	0.00	0.00

## Interference to proposal scenario 2

# INTERFERENCE ANALYSIS FOR PROPOSED KAXT-CD, SAN FRANCISCO, SAN JOSE, CA, CHANNEL 22 (SUMMARY)

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	
Undesireds:	KSPX-TV	D21	DT	CP	SACRAMENTO, CA	BLANK0000068563	89.3 km
	KCNZ-CD	D21z	DC	CP	SAN FRANCISCO, CA	BLANK0000034944	53.8
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	91.7
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	301.4
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	91.5

Service area		Terrain-limited		IX-free		Percent IX	
9637.9	5,386,442	6709.0	4,748,643	6680.0	4,747,667	0.43	0.02
Undesired		Total IX		Unique IX		Prcnt Unique IX	
KCNZ-CD	D21z DC CP	1.0	0	1.0	0	0.01	0.00
KTXL	D22 DT CP	27.5	976	26.3	976	0.39	0.02
KNXT	D22 DT CP	0.2	0	0.2	0	0.00	0.00
KQCA	D23 DT CP	1.5	0	0.2	0	0.00	0.00

## ----- Interference to proposal scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	
Undesireds:	KCNZ-CD	D21z	DC	APP	SAN FRANCISCO, CA	BLANK0000078876	53.8 km
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	91.7
	KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	91.4
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	301.4
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	91.5

Service area		Terrain-limited		IX-free		Percent IX	
9637.9	5,386,442	6709.0	4,748,643	6678.1	4,747,593	0.46	0.02
Undesired		Total IX		Unique IX		Prcnt Unique IX	
KTXL	D22 DT CP	27.5	976	15.5	296	0.23	0.01
KSPX-TV	D22 DT BL	15.2	754	2.9	74	0.04	0.00
KNXT	D22 DT CP	0.2	0	0.2	0	0.00	0.00
KQCA	D23 DT CP	1.5	0	0.0	0	0.00	0.00

## ----- Interference to proposal scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KAXT_X74	D22	DC	APP	SAN FRANCISCO, SAN JO, CA	kaxt_x74	
Undesireds:	KCNZ-CD	D21z	DC	CP	SAN FRANCISCO, CA	BLANK0000034944	53.8 km
	KTXL	D22	DT	CP	SACRAMENTO, CA	BLANK0000030659	91.7
	KSPX-TV	D22	DT	BL	SACRAMENTO, CA	DTVBL52953	91.4
	KNXT	D22	DT	CP	VISALIA, CA	BLANK0000028226	301.4
	KQCA	D23	DT	CP	STOCKTON, CA	BLANK0000034562	91.5

Service area		Terrain-limited		IX-free		Percent IX	
9637.9	5,386,442	6709.0	4,748,643	6677.1	4,747,593	0.48	0.02
Undesired		Total IX		Unique IX		Prcnt Unique IX	
KCNZ-CD	D21z DC CP	1.0	0	1.0	0	0.01	0.00
KTXL	D22 DT CP	27.5	976	15.5	296	0.23	0.01
KSPX-TV	D22 DT BL	15.2	754	2.9	74	0.04	0.00
KNXT	D22 DT CP	0.2	0	0.2	0	0.00	0.00
KQCA	D23 DT CP	1.5	0	0.0	0	0.00	0.00