

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: LosB19d15kwELTI320T, Model: Longley-Rice

Start: 2024.05.06 07:38:25

Study created: 2024.05.06 07:38:25

Study build station data: LMS TV 2024-04-15

Proposal: K19NB-D D19 LD APP GUSTINE, CA

Facility ID: 186671

Station data: User record

Record ID: 2286

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
Yes	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLANK0000148149	118.4 km
No	KKDJ-CD	D18	DC	LIC	VISALIA, CA	BLANK0000001548	139.5
No	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	266.6
No	KBBV-CD	D19	DC	CP	BAKERSFIELD, CA	BLANK0000035842	257.9
No	KXCH-LD	D19	LD	LIC	CHICO, CA	BLANK0000214820	311.0
No	K19IS-D	D19	LD	LIC	INYOKERN, CA	BLDTT20140804ADU	330.0
Yes	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	86.9
No	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	192.9
Yes	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	106.5
No	KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	244.8
No	K19GA-D	D19	LD	LIC	SUSANVILLE, ETC, CA	BLDTT20110822AAE	378.9
No	DK51AQ-D	D19	LD	APP	UKIAH, CA	BLANK0000081270	304.3
No	K19MK-D	D19	LD	LIC	LAKE TAHOE, NV	BLANK0000090529	263.1
No	K19LS-D	D19	LD	LIC	WALKER LAKE, NV	BLANK0000062104	260.9
No	K19MJ-D	D19	LD	LIC	YERINGTON, NV	BLANK0000090532	254.4
No	K20OO-D	D20	LD	LIC	CERES, CA	BLANK0000168051	48.8
Yes	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	122.3
No	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	178.9

Yes KDTV-DT D20 DT LIC SAN FRANCISCO, CA BLANK0000212320 106.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19  
Mask: Stringent  
Latitude: 37 3 19.00 N (NAD83)  
Longitude: 120 48 18.00 W  
Height AMSL: 43.0 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: ELTI-ELTI UHF Panel (ID 1008435) 320.0 deg  
Elev Pattn: Generic

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.23 kW	16.8 m	25.4 km
45.0	0.024	13.6	7.4
90.0	0.122	11.2	11.0
135.0	0.033	9.9	7.9
180.0	0.080	-1.3	9.9
225.0	0.014	-34.6	6.5
270.0	2.27	-5.9	22.5
315.0	14.3	14.2	30.9

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 3 m

Distance to Canadian border: 1261.2 km

Distance to Mexican border: 582.4 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 311.9 degrees Distance: 112.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 71.1 degrees Distance: 1391.3 km

No land mobile station failures found

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 BLANK0000148149 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLANK0000148149	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		118.4 km
	KKDJ-CD	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7
	KRNS-CD	D18	DC	LIC	RENO, NV	BLANK00000063791	151.5
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK00000063112	89.4
	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	92.6
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	122.0

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	31433.8	4,044,617	29908.8	3,992,266	29608.4	3,979,713	29608.4	3,979,713	0.00 0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
K19NB-D	D19	LD	APP	5.0 0		0.0 0
KKDJ-CD	D18	DC	LIC	146.1 1,661	68.9 1,661	64.9 1,661
KRNS-CD	D18	DC	LIC	45.3 2,611	43.3 2,035	42.2 2,035
KMPH-CD	D19	DC	LIC	135.1 31	58.9 31	58.9 31
KMUM-CD	D19	DC	LIC	36.9 6,212	36.9 6,212	36.9 6,212

KSTS D19 DT LIC	15.2	2,614	14.2	2,038	14.2	2,038
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Interference to BLANK0000063112 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		86.9 km
	KKDJ-CD	D18	DC	LIC	VISALIA, CA	BLANK0000001548	109.5
	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	264.4
	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	182.0
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	162.7
	KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	291.9
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	73.9
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	9753.9	307,455	8473.8	298,635	8360.3	297,743	8329.9 297,600 0.36 0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
K19NB-D D19 LD APP	54.7	391	30.4 143
KKDJ-CD D18 DC LIC	17.0	51	1.0 51
KBBV-CD D19 DC LIC	51.1	641	17.1 148
KMUM-CD D19 DC LIC	9.1	0	5.1 0
KSTS D19 DT LIC	34.4	250	22.4 0
KCOY-TV D19 DT LIC	3.0	248	1.0 0
KSEE D20 DT LIC	55.9	445	28.0 200

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Interference to BLANK0000063112 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		86.9 km
	KKDJ-CD	D18	DC	LIC	VISALIA, CA	BLANK0000001548	109.5
	KBBV-CD	D19	DC	CP	BAKERSFIELD, CA	BLANK0000035842	259.7
	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	182.0

KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	162.7
KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	291.9
KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	73.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
9753.9 307,455	8473.8 298,635	8371.4 297,862	8338.9 297,719	0.39 0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
K19NB-D D19 LD APP	54.7 391	32.5 143	
KKDJ-CD D18 DC LIC	17.0 51	1.0 51	
KBBV-CD D19 DC CP	29.1 29	5.0 29	
KMUM-CD D19 DC LIC	9.1 0	6.1 0	
KSTS D19 DT LIC	34.4 250	22.3 0	
KCOY-TV D19 DT LIC	3.0 248	0.0 0	
KSEE D20 DT LIC	55.9 445	32.0 443	29.0 443

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Interference to BLANK0000112998 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		106.5 km
	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLANK0000148149	122.0
	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	371.1
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	162.7
	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	138.7
	KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	325.0
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	144.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
39610.0 8,361,669	31987.9 7,237,113	30113.8 7,012,838	30025.6 7,006,696	0.29 0.09

Undesired	Total IX	Unique IX, before	Unique IX, after
K19NB-D D19 LD APP	683.7 105,773	88.2 6,142	
KUVS-DT D18 DT LIC	756.2 147,114	12.2 5	
KBBV-CD D19 DC LIC	21.0 0	5.0 0	
KMPH-CD D19 DC LIC	1189.7 202,920	331.8 27,076	223.6 20,514

KMUM-CD D19 DC LIC	1279.8	187,286	409.0	12,925	390.9	12,834
KCOY-TV D19 DT LIC	163.6	7,676	160.5	7,676	160.5	7,676
K20JX-D D20 DC CP	212.2	7,215	2.0	3	2.0	3

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Interference to BLANK0000112998 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		106.5 km
	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLANK0000148149	122.0
	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	371.1
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	162.7
	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	138.7
	KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	325.0
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	155.9
	Service area	Terrain-limited		IX-free, before		IX-free, after	
	39610.0	8,361,669	31987.9	7,237,113	30115.8	7,012,841	30027.7 7,006,699
							Percent New IX
							0.29 0.09

Undesired	Total IX	Unique IX, before	Unique IX, after
K19NB-D D19 LD APP	683.7 105,773	88.2 6,142	
KUVS-DT D18 DT LIC	756.2 147,114	13.2 10 10.1 5	
KBBV-CD D19 DC LIC	21.0 0	5.0 0 2.0 0	
KMPH-CD D19 DC LIC	1189.7 202,920	333.8 27,076 223.6 20,514	
KMUM-CD D19 DC LIC	1279.8 187,286	429.1 13,351 404.9 13,169	
KCOY-TV D19 DT LIC	163.6 7,676	160.5 7,676 160.5 7,676	
K20JX-D D20 DC LIC	9.0 195	0.0 0 0.0 0	

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Interference to BLANK0000112998 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		106.5 km
	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLANK0000148149	122.0

KBBV-CD	D19	DC	CP	BAKERSFIELD, CA	BLANK0000035842	361.6
KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	162.7
KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	138.7
KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	325.0
K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	144.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
39610.0	8,361,669	31987.9	7,237,113	30117.8	7,012,838	30027.6	7,006,696	0.30	0.09

Undesired				Total IX		Unique IX, before		Unique IX, after	
K19NB-D	D19	LD	APP	683.7	105,773			90.2	6,142
KUVS-DT	D18	DT	LIC	756.2	147,114	12.2	5	10.1	5
KBBV-CD	D19	DC	CP	5.0	0	1.0	0	0.0	0
KMPH-CD	D19	DC	LIC	1189.7	202,920	344.8	27,076	225.6	20,514
KMUM-CD	D19	DC	LIC	1279.8	187,286	409.0	12,925	390.9	12,834
KCOY-TV	D19	DT	LIC	163.6	7,676	160.5	7,676	160.5	7,676
K20JX-D	D20	DC	CP	212.2	7,215	2.0	3	2.0	3

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Interference to BLANK0000112998 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		106.5 km
	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLANK0000148149	122.0
	KBBV-CD	D19	DC	CP	BAKERSFIELD, CA	BLANK0000035842	361.6
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	162.7
	KMUM-CD	D19	DC	LIC	SACRAMENTO, CA	BLANK0000116698	138.7
	KCOY-TV	D19	DT	LIC	SANTA MARIA, CA	BLCDT20030604ACM	325.0
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	155.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
39610.0	8,361,669	31987.9	7,237,113	30119.8	7,012,841	30029.6	7,006,699	0.30	0.09

Undesired				Total IX		Unique IX, before		Unique IX, after	
K19NB-D	D19	LD	APP	683.7	105,773			90.2	6,142
KUVS-DT	D18	DT	LIC	756.2	147,114	13.2	10	10.1	5

KBBV-CD	D19	DC	CP	5.0	0	1.0	0	0.0	0
KMPH-CD	D19	DC	LIC	1189.7	202,920	346.8	27,076	225.6	20,514
KMUM-CD	D19	DC	LIC	1279.8	187,286	429.1	13,351	404.9	13,169
KCOY-TV	D19	DT	LIC	163.6	7,676	160.5	7,676	160.5	7,676
K20JX-D	D20	DC	LIC	9.0	195	0.0	0	0.0	0

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Interference to BLANK0000191059 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		122.3 km
	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	194.7
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	73.9
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	228.6
	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	221.5
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000223675	281.3
	KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	0.5
Service area		Terrain-limited		IX-free, before		IX-free, after	
32527.2	1,763,174	29067.1	1,747,509	28094.3	1,734,762	28092.3	1,734,698
							Percent New IX
							0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K19NB-D D19 LD APP 2.0	64	2.0 64	
KBBV-CD D19 DC LIC 11.1	526	11.1 526	
KMPH-CD D19 DC LIC 706.1	4,464	677.7 4,289	
KDTV-DT D20 DT LIC 76.1	65	70.1 65	
KFTV-DT D21 DT LIC 210.8	7,867	182.5 7,692	

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Interference to BLANK0000191059 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		122.3 km
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK0000063112	73.9



K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	228.6
KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	221.5
KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000223675	281.3
KFTV-DT	D21	DT	LIC	HANFORD, CA	BLANK0000116939	0.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
32527.2	1,763,174	29067.1	1,747,509	28105.4	1,735,288	28103.4	1,735,224	0.01	0.00

Undesired				Total IX	Unique IX, before		Unique IX, after	
K19NB-D	D19	LD	APP	2.0	64	2.0	64	
KMPH-CD	D19	DC	LIC	706.1	4,464	677.7	4,289	
KDTV-DT	D20	DT	LIC	76.1	65	70.1	65	
KFTV-DT	D21	DT	LIC	210.8	7,867	182.5	7,692	

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Interference to BLANK0000212320 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		106.5 km
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	0.0
	KNVN	D20	DT	LIC	CHICO, CA	BLANK0000121428	307.3
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	221.5
	K20JX-D	D20	DC	CP	SACRAMENTO, CA	BLANK0000073020	144.5
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000223675	293.6
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	89.3
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	53.8
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	53.8
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	146.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
36787.6	7,962,275	30359.9	7,099,618	28253.0	6,712,351	28245.9	6,712,351	0.02	0.00

Undesired				Total IX	Unique IX, before		Unique IX, after	
K19NB-D	D19	LD	APP	34.2	0	7.0	0	
KSTS	D19	DT	LIC	2.0	627	2.0	627	
KNVN	D20	DT	LIC	537.2	92,052	4.0	21	

KSEE D20 DT LIC	1737.0	268,263	622.4	35,301	601.4	35,301
K20JX-D D20 DC CP	1184.7	271,564	90.8	16,728	90.8	16,728
KSPX-TV D21 DT LIC	1238.5	267,451	31.2	16,418	31.2	16,418
KCNZ-CD D21z DC LIC	79.6	49,737	23.3	12,520	23.3	12,520
KMTP-TV D21z DT LIC	57.4	37,271	1.0	54	1.0	54
KDTV-CD D21 DC LIC	34.2	18,751	24.2	6,680	24.2	6,680

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Interference to BLANK0000212320 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDTV-DT	D20	DT	LIC	SAN FRANCISCO, CA	BLANK0000212320	
Undesireds:	K19NB-D	D19	LD	APP	GUSTINE, CA		106.5 km
	KSTS	D19	DT	LIC	SAN JOSE, CA	BLANK0000112998	0.0
	KNVN	D20	DT	LIC	CHICO, CA	BLANK0000121428	307.3
	KSEE	D20	DT	LIC	FRESNO, CA	BLANK0000191059	221.5
	K20JX-D	D20	DC	LIC	SACRAMENTO, CA	BLDTA20101006AAS	155.9
	KNSN-TV	D20	DT	LIC	RENO, NV	BLANK0000223675	293.6
	KSPX-TV	D21	DT	LIC	SACRAMENTO, CA	BLANK0000115705	89.3
	KCNZ-CD	D21z	DC	LIC	SAN FRANCISCO, CA	BLANK0000186215	53.8
	KMTP-TV	D21z	DT	LIC	SAN FRANCISCO, CA	BLANK0000137431	53.8
	KDTV-CD	D21	DC	LIC	SANTA ROSA, CA	BLANK0000112915	146.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	36787.6	7,962,275	30359.9	7,099,618	28331.6	6,728,277	28324.6 6,728,277 0.02 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K19NB-D D19 LD APP	34.2 0	7.0 0	
KSTS D19 DT LIC	2.0 627	2.0 627	
KNVN D20 DT LIC	537.2 92,052	4.0 21	
KSEE D20 DT LIC	1737.0 268,263	641.6 38,807	
K20JX-D D20 DC LIC	421.8 51,281	12.1 802	
KSPX-TV D21 DT LIC	1238.5 267,451	73.6 52,159	
KCNZ-CD D21z DC LIC	79.6 49,737	23.3 12,520	
KMTP-TV D21z DT LIC	57.4 37,271	1.0 54	
KDTV-CD D21 DC LIC	34.2 18,751	25.2 6,714	

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Interference to proposal scenario 1  
26.48% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K19NB-D	D19	LD	APP	GUSTINE, CA		
Undesireds:	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	266.6 km
	KMPH-CD	D19	DC	LIC	MERCED-MARIPOSA, CA	BLANK00000063112	86.9

Service area	Terrain-limited	IX-free	Percent IX
967.1 47,420	966.1 47,420	283.2 34,864	70.68 26.48

Undesired	Total IX	Unique IX	Prcnt Unique IX
KMPH-CD D19 DC LIC	682.9 12,556	682.9 12,556	70.68 26.48