

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: KRNS-CD 15 KW-DA, Model: Longley-Rice
Start: 2017.10.04 13:18:25

Study created: 2017.10.04 13:17:39

Study build station data: LMS TV 2017-10-03 (33)

Proposal: KRNS-CD D18 DC CP RENO, NV
File number: KRNS-CD 15 KW-DA
Facility ID: 34577
Station data: User record
Record ID: 941
Country: U.S.

Build options:
Protect LPTV records from Class A

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
K17CA-D	D17	LD	LIC	CARSON CITY, NV	BLDTT20090108AAO	16.7 km
KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	151.5
NEW	D18	LD	APP	CARSON CITY, NV	BNPDTL20090825AOK	16.5
K18KX-D	D18	LD	CP	FERNLEY, NV	BNPDTL20100512AGZ	63.7
K18DP-D	D18	LD	LIC	LOVELOCK, NV	BLDTT20100719AEP	133.3
NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	0.3
NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BOT	33.6
KEVO-LD	D19	LD	CP	SUN VALLEY, NV	BDISDTL20120514AAZ	31.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18
Mask: Full Service
Latitude: 39 18 46.60 N (NAD83)
Longitude: 119 53 2.60 W
Height AMSL: 2963.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE-TLP-12/VP-R C160 (ID 1001842) 105.0 deg
Elev Pattn: Generic
Elec Tilt: 1.0

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	9.64 kW	670.9 m	69.1 km
45.0	14.7	1301.6	85.6
90.0	14.1	1241.5	84.2
135.0	12.8	1356.6	85.3
180.0	14.6	734.9	73.4
225.0	6.94	863.0	70.6
270.0	1.16	469.7	50.4
315.0	2.36	465.6	54.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 888 m

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1032.7 km

Distance to Mexican border: 778.3 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 223.2 degrees Distance: 240.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 81.1 degrees Distance: 1252.6 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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 BLDTT20090108AAO LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K17CA-D	D17	LD	LIC	CARSON CITY, NV	BLDTT20090108AAO	
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	16.7 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	16.7
	KXVU-LP	D17	LD	CP	CHICO, CA	BDFCDTL20110404AFB	189.0
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	16.7
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BOT	36.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
9291.5	569,128	5533.3	455,758	5128.1	307,669	5127.2 307,669	0.02 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	74.5 87	3.0 0	
KRNS-CD D18 DC CP	110.3 3,216		4.0 0
NEW D18 LD APP	402.2 148,089	320.8 137,924	286.0 134,795
NEW D18 LD APP	9.9 10,078	0.0 0	0.0 0

Interference to BLCDT20020906ABH LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7
	KMPH-CD	D19	DC	CP	MERCED-MARIPOSA, CA	BLANK0000027303	89.4
	KMUM-CD	D19	DC	CP	SACRAMENTO, CA	BLANK0000026704	92.6
	KSTS	D19	DT	CP	SAN JOSE, CA	BLANK0000027737	122.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9 3,979,104	0.04 0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	32.2 2	31.2 2	
KRNS-CD D18 DC CP	45.3 2,611		43.3 2,035
KFAZ-CA D18 DC LIC	146.1 1,661	82.1 1,661	82.1 1,661
KMPH-CD D19 DC CP	87.4 15	24.4 15	24.4 15
KMUM-CD D19 DC CP	35.9 5,379	35.9 5,379	35.9 5,379
KSTS D19 DT CP	14.2 4,091	14.2 4,091	13.2 3,515

Interference to BLCDT20020906ABH LIC, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7
	KMPH-CD	D19	DC	CP	MERCED-MARIPOSA, CA	BLANK0000027303	89.4
	KMUM-CD	D19	DC	BL	SACRAMENTO, CA	DTVBL18736	92.6
	KSTS	D19	DT	CP	SAN JOSE, CA	BLANK0000027737	122.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9 3,979,104	0.04 0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	32.2 2	31.2 2	
KRNS-CD D18 DC CP	45.3 2,611		43.3 2,035
KFAZ-CA D18 DC LIC	146.1 1,661	82.1 1,661	82.1 1,661
KMPH-CD D19 DC CP	87.4 15	24.4 15	24.4 15
KMUM-CD D19 DC BL	35.9 5,379	35.9 5,379	35.9 5,379
KSTS D19 DT CP	14.2 4,091	14.2 4,091	13.2 3,515

Interference to BLCDT20020906ABH LIC, scenario 3

Desired:	Call KUVS-DT	Chan D18	Svc DT	Status LIC	City, State MODESTO, CA	File Number BLCDT20020906ABH	Distance			
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km			
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5			
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7			
	KMPH-CD	D19	DC	CP	MERCED-MARIPOSA, CA	BLANK0000027303	89.4			
	KMUM-CD	D19	DC	CP	SACRAMENTO, CA	BLANK0000026704	92.6			
	KSTS	D19	DT	BL	SAN JOSE, CA	DTVBL64987	122.0			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9	3,979,104	0.04	0.05	
Undesired				Total IX	Unique IX, before		Unique IX, after			
KRNS-CD	D18	DC	BL	32.2	2	31.2	2			
KRNS-CD	D18	DC	CP	45.3	2,611			43.3	2,035	
KFAZ-CA	D18	DC	LIC	146.1	1,661	82.1	1,661	82.1	1,661	
KMPH-CD	D19	DC	CP	87.4	15	24.4	15	24.4	15	
KMUM-CD	D19	DC	CP	35.9	5,379	35.9	5,379	35.9	5,379	
KSTS	D19	DT	BL	14.2	4,091	14.2	4,091	13.2	3,515	

Interference to BLCDT20020906ABH LIC, scenario 4

Desired:	Call KUVS-DT	Chan D18	Svc DT	Status LIC	City, State MODESTO, CA	File Number BLCDT20020906ABH	Distance		
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km		
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5		
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7		
	KMPH-CD	D19	DC	CP	MERCED-MARIPOSA, CA	BLANK0000027303	89.4		
	KMUM-CD	D19	DC	BL	SACRAMENTO, CA	DTVBL18736	92.6		
	KSTS	D19	DT	BL	SAN JOSE, CA	DTVBL64987	122.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9	3,979,104	0.04	0.05
Undesired				Total IX	Unique IX, before		Unique IX, after		
KRNS-CD D18 DC BL	32.2			2	31.2 2				
KRNS-CD D18 DC CP	45.3			2,611			43.3	2,035	
KFAZ-CA D18 DC LIC	146.1			1,661	82.1	1,661	82.1	1,661	
KMPH-CD D19 DC CP	87.4			15	24.4	15	24.4	15	
KMUM-CD D19 DC BL	35.9			5,379	35.9	5,379	35.9	5,379	
KSTS D19 DT BL	14.2			4,091	14.2	4,091	13.2	3,515	

Interference to BLCDT20020906ABH LIC, scenario 5

Desired:	Call KUVS-DT	Chan D18	Svc DT	Status LIC	City, State MODESTO, CA	File Number BLCDT20020906ABH	Distance		
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km		
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5		
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7		
	KMPH-CD	D19	DC	BL	MERCED-MARIPOSA, CA	DTVBL168338	89.4		
	KMUM-CD	D19	DC	CP	SACRAMENTO, CA	BLANK0000026704	92.6		
	KSTS	D19	DT	CP	SAN JOSE, CA	BLANK0000027737	122.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9	3,979,104	0.04	0.05
Undesired				Total IX	Unique IX, before	Unique IX, after			
KRNS-CD D18 DC BL	32.2			2	31.2	2			
KRNS-CD D18 DC CP	45.3			2,611		43.3	2,035		
KFAZ-CA D18 DC LIC	146.1			1,661	82.1	1,661	82.1	1,661	
KMPH-CD D19 DC BL	87.4			15	24.4	15	24.4	15	
KMUM-CD D19 DC CP	35.9			5,379	35.9	5,379	35.9	5,379	
KSTS D19 DT CP	14.2			4,091	14.2	4,091	13.2	3,515	

Interference to BLCDT20020906ABH LIC, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	

Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7
	KMPH-CD	D19	DC	BL	MERCED-MARIPOSA, CA	DTVBL168338	89.4
	KMUM-CD	D19	DC	BL	SACRAMENTO, CA	DTVBL18736	92.6
	KSTS	D19	DT	CP	SAN JOSE, CA	BLANK0000027737	122.0

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9	3,979,104	0.04 0.05

Undesired		Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	32.2	2	31.2	2
KRNS-CD D18 DC CP	45.3	2,611		43.3 2,035
KFAZ-CA D18 DC LIC	146.1	1,661	82.1 1,661	82.1 1,661
KMPH-CD D19 DC BL	87.4	15	24.4 15	24.4 15
KMUM-CD D19 DC BL	35.9	5,379	35.9 5,379	35.9 5,379
KSTS D19 DT CP	14.2	4,091	14.2 4,091	13.2 3,515

Interference to BLCDT20020906ABH LIC, scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7
	KMPH-CD	D19	DC	BL	MERCED-MARIPOSA, CA	DTVBL168338	89.4
	KMUM-CD	D19	DC	CP	SACRAMENTO, CA	BLANK0000026704	92.6
	KSTS	D19	DT	BL	SAN JOSE, CA	DTVBL64987	122.0

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9	3,979,104	0.04 0.05

Undesired		Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	32.2	2	31.2	2
KRNS-CD D18 DC CP	45.3	2,611		43.3 2,035
KFAZ-CA D18 DC LIC	146.1	1,661	82.1 1,661	82.1 1,661
KMPH-CD D19 DC BL	87.4	15	24.4 15	24.4 15
KMUM-CD D19 DC CP	35.9	5,379	35.9 5,379	35.9 5,379
KSTS D19 DT BL	14.2	4,091	14.2 4,091	13.2 3,515

Interference to BLCDT20020906ABH LIC, scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	151.5 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	151.5
	KFAZ-CA	D18	DC	LIC	VISALIA, CA	BLANK0000001548	198.7
	KMPH-CD	D19	DC	BL	MERCED-MARIPOSA, CA	DTVBL168338	89.4
	KMUM-CD	D19	DC	BL	SACRAMENTO, CA	DTVBL18736	92.6
	KSTS	D19	DT	BL	SAN JOSE, CA	DTVBL64987	122.0

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	31442.8	4,044,636	29913.8	3,992,285	29662.0	3,981,137	29649.9	3,979,104	0.04 0.05

Undesired		Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	32.2	2	31.2	2
KRNS-CD D18 DC CP	45.3	2,611		43.3 2,035
KFAZ-CA D18 DC LIC	146.1	1,661	82.1 1,661	82.1 1,661
KMPH-CD D19 DC BL	87.4	15	24.4 15	24.4 15
KMUM-CD D19 DC BL	35.9	5,379	35.9 5,379	35.9 5,379
KSTS D19 DT BL	14.2	4,091	14.2 4,091	13.2 3,515

Interference to BNPDTL20090825AOK APP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D18	LD	APP	CARSON CITY, NV	BNPDTL20090825AOK	
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	16.5 km
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	16.5
	K17CA-D	D17	LD	LIC	CARSON CITY, NV	BLDTT20090108AAO	0.3
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	16.4
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BOT	36.2

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
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1710.4	84,762	1213.3	74,355	426.3	6,529	426.3	6,529	0.00	0.00
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Undesired

KRNS-CD D18 DC BL	628.1	Total IX	56,308	Unique IX, before	4.0	Unique IX, after	0
KRNS-CD D18 DC CP	640.0		58,409			4.0	0
K17CA-D D17 LD LIC	728.4		67,551	114.2	7,219	116.2	7,219
NEW D18 LD APP	651.9		60,404	4.0	0	4.0	0
NEW D18 LD APP	15.9		88	0.0	0	0.0	0

Interference to BNPDTL20100512AGZ CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K18KX-D	D18	LD	CP	FERNLEY, NV	BNPDTL20100512AGZ	

Undesireds:

KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	63.7 km
KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	63.7
NEW	D18	LD	APP	CARSON CITY, NV	BNPDTL20090825AOK	55.5
K18DP-D	D18	LD	LIC	LOVELOCK, NV	BLDTT20100719AEP	71.5
NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	63.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1205.9	21,041	985.0	20,847	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	43.2	0	7.0
KRNS-CD D18 DC CP	59.1	0	7.0
NEW D18 LD APP	2.0	0	0.0
K18DP-D D18 LD LIC	2.0	0	0.0
NEW D18 LD APP	57.1	0	22.0

Interference to BLDTT20100719AEP LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K18DP-D	D18	LD	LIC	LOVELOCK, NV	BLDTT20100719AEP	

Undesireds:

KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	133.3 km
KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	133.3
NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	133.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
2227.3	4,916	1933.5	4,916	0.65

Undesired	Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	329.1	13	39.1
KRNS-CD D18 DC CP	365.2	13	49.1
NEW D18 LD APP	358.2	12	68.2

Interference to BNPDTL20090825BTZ APP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	

Undesireds:

KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	0.3 km
KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	0.3
KXVU-LP	D17	LD	CP	CHICO, CA	BDFCDTL20110404AFB	172.4
K17CA-D	D17	LD	LIC	CARSON CITY, NV	BLDTT20090108AAO	16.7
NEW-D	D18	LD	APP	CHICO AND PARADISE, CA	BNPDTT20090825BTC	172.4
KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	151.2
NEW	D18	LD	APP	REDDING, CA	BNPDTL20090825BPG	269.7
NEW	D18	LD	APP	CARSON CITY, NV	BNPDTL20090825AOK	16.4
K18KX-D	D18	LD	CP	FERNLEY, NV	BNPDTL20100512AGZ	63.9
K18DP-D	D18	LD	LIC	LOVELOCK, NV	BLDTT20100719AEP	133.6
NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BOT	33.9
K19FY	N19+	TX	LIC	CHICO, CA	BLTT20060109ABD	172.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
18385.3	645,422	12576.5	532,930	0.23

Undesired	Total IX	Unique IX, before	Unique IX, after
KRNS-CD D18 DC BL	5218.5	461,049	4745.6
KRNS-CD D18 DC CP	5235.4	461,699	4762.5
K17CA-D D17 LD LIC	307.6	16,840	3.0
NEW-D D18 LD APP	2.0	0	0.0
KUVS-DT D18 DT LIC	32.9	0	16.9
NEW D18 LD APP	1.0	0	0.0
NEW D18 LD APP	258.2	16,198	3.0

K18KX-D D18 LD CP	113.9	238	11.0	195	11.0	195
K18DP-D D18 LD LIC	15.9	26	0.0	0	0.0	0
NEW D18 LD APP	47.4	38,556	1.0	0	1.0	0

Interference to BNPDTL20090825BOT APP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BOT			
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	33.6 km		
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	33.6		
	NEW	D18	LD	APP	CARSON CITY, NV	BNPDTL20090825AOK	36.2		
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	33.9		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
392.3		270,762		341.9		247,584	173.9 75,655		
				173.9		75,655	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KRNS-CD D18 DC BL				140.4	141,375	2.0	0		
KRNS-CD D18 DC CP				158.1	157,348	2.0	0		
NEW D18 LD APP				2.0	4,852	0.0	0		
NEW D18 LD APP				166.0	171,929	27.7	30,554		
						9.9	14,581		

Interference to BDISDTL20120514AAZ CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KEVO-LD	D19	LD	CP	SUN VALLEY, NV	BDISDTL20120514AAZ			
Undesireds:	KRNS-CD	D18	DC	BL	RENO, NV	DTVBL34577	31.0 km		
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA	31.0		
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BTZ	31.3		
	NEW	D18	LD	APP	RENO, NV	BNPDTL20090825BOT	7.3		
	K19FY	N19+	TX	LIC	CHICO, CA	BLTT20060109ABD	168.7		
	KAME-TV	D20	DT	LIC	RENO, NV	BLANK0000001059	0.1		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
69.2		87,988		64.2		84,315	4.0 3,269		
				4.0		3,269	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KRNS-CD D18 DC BL				1.0	0	0.0	0		
KRNS-CD D18 DC CP				1.0	0	0.0	0		
NEW D18 LD APP				59.3	81,046	0.0	0		
NEW D18 LD APP				22.7	25,257	0.0	0		
KAME-TV D20 DT LIC				59.3	81,035	0.0	0		

Interference to proposal, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	KRNS-CD	D18	DC	CP	RENO, NV	KRNS-CD 15 KW-DA			
Undesireds:	KUVS-DT	D18	DT	LIC	MODESTO, CA	BLCDT20020906ABH	151.5 km		
	KMUM-CD	D19	DC	CP	SACRAMENTO, CA	BLANK0000026704	153.1		
Service area		Terrain-limited		IX-free		Percent IX			
16665.3		645,093		11201.5		519,961	11174.6		
						519,961	0.24 0.00		
Undesired				Total IX	Unique IX	Prcnt Unique IX			
KUVS-DT D18 DT LIC				26.9	0	26.9	0		
						0.24	0.00		