

tvstudy v2.2.3 (Dxtpx3)

Study build station data: LMS TV 2017-10-18

Proposal: KPXN24M3 D24 DT APP SAN BERNARDINO, CA
File number: kpxn24m3
Facility ID: 58978
Station data: User record
Record ID: 1565
Country: U.S.
Zone: II

Search options:

Non-U.S. records included

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KVMD	D23	DT	LIC	TWENTYNINE PALMS, CA	BLCDT20060615AAB	117.2 km
KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	108.7
KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	171.8
KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	171.8
KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	148.0
KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	1.6
KVEA	D25	DT	BL	CORONA, CA	DTVBL19783	1.6
CADENATRES24	DT	LIC		ENSENADA, BN	BLANKBPFS20160524AAT	292.1

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
Latitude: 34 13 36.00 N (NAD83)
Longitude: 118 4 2.20 W
Height AMSL: 1790.7 m
HAAT: 900.0 m
Peak ERP: 1000 kW
Antenna: DIE-TFU-26DSC/VP-R C170 0.0 deg
Elev Pattn: Generic
Tilts: elec 1.1, mech 1.1 @ 220.0 deg

39.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	65.5 kW	349.3 m	82.4 km
45.0	174	353.4	90.0
90.0	982	638.2	125.6
135.0	397	1365.3	143.7
180.0	7.40	1490.5	102.5
225.0	13.1	1443.0	107.1
270.0	7.92	974.7	91.6
315.0	53.8	587.8	96.7

ERP exceeds maximum

ERP: 1000 kW ERP maximum: 163 kW

Note: The proposal is compliant with largest station in the market criteria. The largest station in the market is KCOP-TV (Channel 13), which has a 36 dBu f(50,90) service area of 56,870 sq. km. The proposed facility has a 41 dBu f(50,90) service area of 34,580 sq. km.

**Proposal service area extends beyond baseline plus 1.0%

Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1620.4 km

**Proposal is within coordination distance of Mexican border

Distance to Mexican border: 190.4 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 320.6 degrees Distance: 511.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 56.2 degrees Distance: 1308.3 km

Study cell size: 1.00 km

Profile point spacing: 0.10 km

Higher resolution cell size and higher resolution profile point spacing is requested.

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

Maximum new IX to LPTV: 2.00%

Interference to BLCDT20060615AAB LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVMD	D23	DT	LIC	TWENTYNINE PALMS, CA	BLCDT20060615AAB	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	116.5 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	117.2
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	214.2
	KHTV-CD	D22	DC	CP	LOS ANGELES, CA	BLANK0000027749	116.5
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	0.0
	KTFF-DT	D23	DT	CP	PORTERVILLE, CA	BLANK0000025094	310.4
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	139.3
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBFFS20100517ADE	172.1
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	172.1

	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
33123.1	6,147,654	24969.0	4,243,227	24217.9	3,845,124	24220.9 3,853,014	-0.01 -0.21

Undesired				Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL		123.5		172,943	73.1 93,420		
KPXN24M3 D24 DT APP		123.5		140,106		70.1 85,530	
KVYE D22 DT LIC		4.0		0	4.0 0	4.0 0	
KRET-CD D22 DC APP		98.6		123,897	69.0 67,925	69.0 67,925	
KBNT-CD D24 DC CP		21.0		22,219	3.0 5,164	3.0 5,164	
XHUAA D22 DT LIC		34.9		21,748	0.0 0	0.0 0	
XETV D23 DT LIC		577.4		189,314	512.7 128,080	506.7 145,741	

Interference to BLCDT20060615AAB LIC, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVMD	D23	DT	LIC	TWENTYNINE PALMS, CA	BLCDT20060615AAB	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	116.5 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	117.2
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	214.2
	KHTV-CD	D22	DC	CP	LOS ANGELES, CA	BLANK0000027749	116.5
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	0.0
	KTFF-DT	D23	DT	CP	PORTERVILLE, CA	BLANK0000025094	310.4
	KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	139.3
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBFFS20100517ADE	172.1
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	172.1

	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
33123.1	6,147,654	24969.0	4,243,227	24217.9	3,845,124	24220.9 3,853,014	-0.01 -0.21

Undesired				Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL		123.5		172,943	73.1 93,420		
KPXN24M3 D24 DT APP		123.5		140,106		70.1 85,530	
KVYE D22 DT LIC		4.0		0	4.0 0	4.0 0	
KRET-CD D22 DC APP		98.6		123,897	69.0 67,925	69.0 67,925	
KBNT-CD D24 DC BL		21.0		22,219	3.0 5,164	3.0 5,164	
XHUAA D22 DT LIC		34.9		21,748	0.0 0	0.0 0	
XETV D23 DT LIC		577.4		189,314	512.7 128,080	506.7 145,741	

Interference to BPCDT20100325ACD APP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
	KHTV-CD	D22	DC	CP	LOS ANGELES, CA	BLANK0000027749	107.9
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
	KTFF-DT	D23	DT	CP	PORTERVILLE, CA	BLANK0000025094	310.9
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	128.8
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBFFS20100517ADE	163.2
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	163.2

	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39579.6	9,607,693	31120.9	8,831,322	29778.7	8,087,611	29835.7 8,241,795	-0.19 -1.91

Undesired				Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL		449.0		487,318	410.3 481,778		
KPXN24M3 D24 DT APP		412.9		331,952		353.3 327,594	

KVYE D22 DT LIC	5.0	0	5.0	0	5.0	0
KHTV-CD D22 DC CP	5.9	6,973	2.0	2,615	2.0	2,615
KRET-CD D22 DC APP	1.0	0	1.0	0	1.0	0
KTFF-DT D23 DT CP	1.0	0	1.0	0	1.0	0
KBNT-CD D24 DC CP	58.9	83,303	6.0	8,490	6.0	8,490
XHUAA D22 DT LIC	69.9	78,287	0.0	0	0.0	0
XETV D23 DT LIC	913.0	246,470	802.3	163,484	781.5	164,666

Interference to BPCDT20100325ACD APP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
	KHTV-CD	D22	DC	CP	LOS ANGELES, CA	BLANK0000027749	107.9
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
	KTFF-DT	D23	DT	BL	PORTERVILLE, CA	DTVBL35512	310.9
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	128.8
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	163.2
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	163.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39579.6	9,607,693	31120.9	8,831,322	29778.7	8,087,611	29835.7 8,241,795	-0.19 -1.91

Undesired	Total IX		Unique IX, before		Unique IX, after	
KPXN-TV D24 DT BL	449.0	487,318	410.3	481,778		
KPXN24M3 D24 DT APP	412.9	331,952			353.3	327,594
KVYE D22 DT LIC	5.0	0	5.0	0	5.0	0
KHTV-CD D22 DC CP	5.9	6,973	2.0	2,615	2.0	2,615
KRET-CD D22 DC APP	1.0	0	1.0	0	1.0	0
KTFF-DT D23 DT BL	1.0	0	1.0	0	1.0	0
KBNT-CD D24 DC CP	58.9	83,303	6.0	8,490	6.0	8,490
XHUAA D22 DT LIC	69.9	78,287	0.0	0	0.0	0
XETV D23 DT LIC	913.0	246,470	802.3	163,484	781.5	164,666

Interference to BPCDT20100325ACD APP, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
	KHTV-CD	D22	DC	CP	LOS ANGELES, CA	BLANK0000027749	107.9
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
	KTFF-DT	D23	DT	CP	PORTERVILLE, CA	BLANK0000025094	310.9
	KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	128.8
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	163.2
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	163.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39579.6	9,607,693	31120.9	8,831,322	29778.7	8,087,611	29835.7 8,241,795	-0.19 -1.91

Undesired	Total IX		Unique IX, before		Unique IX, after	
KPXN-TV D24 DT BL	449.0	487,318	410.3	481,778		
KPXN24M3 D24 DT APP	412.9	331,952			353.3	327,594
KVYE D22 DT LIC	5.0	0	5.0	0	5.0	0
KHTV-CD D22 DC CP	5.9	6,973	2.0	2,615	2.0	2,615
KRET-CD D22 DC APP	1.0	0	1.0	0	1.0	0
KTFF-DT D23 DT CP	1.0	0	1.0	0	1.0	0
KBNT-CD D24 DC BL	58.9	83,303	6.0	8,490	6.0	8,490
XHUAA D22 DT LIC	69.9	78,287	0.0	0	0.0	0
XETV D23 DT LIC	913.0	246,470	802.3	163,484	781.5	164,666

Interference to BPCDT20100325ACD APP, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
	KHTV-CD	D22	DC	CP	LOS ANGELES, CA	BLANK0000027749	107.9
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2

KTFF-DT	D23	DT	BL	PORTERVILLE, CA	DTVBL35512	310.9
KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	128.8
XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	163.2
XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	163.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
39579.6 9,607,693	31120.9 8,831,322	29778.7 8,087,611	29835.7 8,241,795	-0.19 -1.91

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	449.0 487,318	410.3 481,778	
KPXN24M3 D24 DT APP	412.9 331,952		353.3 327,594
KVYE D22 DT LIC	5.0 0	5.0 0	5.0 0
KHTV-CD D22 DC CP	5.9 6,973	2.0 2,615	2.0 2,615
KRET-CD D22 DC APP	1.0 0	1.0 0	1.0 0
KTFF-DT D23 DT BL	1.0 0	1.0 0	1.0 0
KBNT-CD D24 DC BL	58.9 83,303	6.0 8,490	6.0 8,490
XHUAA D22 DT LIC	69.9 78,287	0.0 0	0.0 0
XETV D23 DT LIC	913.0 246,470	802.3 163,484	781.5 164,666

Interference to BPCDT20100325ACD APP, scenario 5

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds: KPXM-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
KHTV-CD	D22	DC	BL	LOS ANGELES, CA	DTVBL60026	107.9
KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
KTFF-DT	D23	DT	CP	PORTERVILLE, CA	BLANK0000025094	310.9
KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	128.8
XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	163.2
XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	163.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
39579.6 9,607,693	31120.9 8,831,322	29780.7 8,090,226	29837.7 8,244,410	-0.19 -1.91

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	449.0 487,318	412.2 486,136	
KPXN24M3 D24 DT APP	412.9 331,952		355.2 331,952
KVYE D22 DT LIC	5.0 0	5.0 0	5.0 0
KHTV-CD D22 DC BL	2.0 0	0.0 0	0.0 0
KRET-CD D22 DC APP	1.0 0	1.0 0	1.0 0
KTFF-DT D23 DT CP	1.0 0	1.0 0	1.0 0
KBNT-CD D24 DC CP	58.9 83,303	6.0 8,490	6.0 8,490
XHUAA D22 DT LIC	69.9 78,287	0.0 0	0.0 0
XETV D23 DT LIC	913.0 246,470	802.3 163,484	781.5 164,666

Interference to BPCDT20100325ACD APP, scenario 6

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds: KPXM-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
KHTV-CD	D22	DC	BL	LOS ANGELES, CA	DTVBL60026	107.9
KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
KTFF-DT	D23	DT	BL	PORTERVILLE, CA	DTVBL35512	310.9
KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	128.8
XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBPFS20100517ADE	163.2
XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	163.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
39579.6 9,607,693	31120.9 8,831,322	29780.7 8,090,226	29837.7 8,244,410	-0.19 -1.91

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	449.0 487,318	412.2 486,136	
KPXN24M3 D24 DT APP	412.9 331,952		355.2 331,952
KVYE D22 DT LIC	5.0 0	5.0 0	5.0 0
KHTV-CD D22 DC BL	2.0 0	0.0 0	0.0 0
KRET-CD D22 DC APP	1.0 0	1.0 0	1.0 0
KTFF-DT D23 DT BL	1.0 0	1.0 0	1.0 0
KBNT-CD D24 DC CP	58.9 83,303	6.0 8,490	6.0 8,490
XHUAA D22 DT LIC	69.9 78,287	0.0 0	0.0 0
XETV D23 DT LIC	913.0 246,470	802.3 163,484	781.5 164,666

Interference to BPCDT20100325ACD APP, scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
	KHTV-CD	D22	DC	BL	LOS ANGELES, CA	DTVBL60026	107.9
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
	KTFF-DT	D23	DT	CP	PORTERVILLE, CA	BLANK0000025094	310.9
	KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	128.8
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBFFS20100517ADE	163.2
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	163.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39579.6	9,607,693	31120.9	8,831,322	29780.7	8,090,226	29837.7 8,244,410	-0.19 -1.91

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	449.0 487,318	412.2 486,136	
KPXN24M3 D24 DT APP	412.9 331,952		355.2 331,952
KVYE D22 DT LIC	5.0 0	5.0 0	5.0 0
KHTV-CD D22 DC BL	2.0 0	0.0 0	0.0 0
KRET-CD D22 DC APP	1.0 0	1.0 0	1.0 0
KTFF-DT D23 DT CP	1.0 0	1.0 0	1.0 0
KBNT-CD D24 DC BL	58.9 83,303	6.0 8,490	6.0 8,490
XHUAA D22 DT LIC	69.9 78,287	0.0 0	0.0 0
XETV D23 DT LIC	913.0 246,470	802.3 163,484	781.5 164,666

Interference to BPCDT20100325ACD APP, scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVMD	D23	DD	APP	TWENTYNINE PALMS, CA	BPCDT20100325ACD	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	107.9 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	108.7
	KVYE	D22	DT	LIC	EL CENTRO, CA	BLCDT20070604ABN	219.7
	KHTV-CD	D22	DC	BL	LOS ANGELES, CA	DTVBL60026	107.9
	KRET-CD	D22	DC	APP	PALM SPRINGS, CA	BLANK0000029968	13.2
	KTFF-DT	D23	DT	BL	PORTERVILLE, CA	DTVBL35512	310.9
	KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	128.8
	XHUAA	D22	DT	LIC	TIJUANA, BN	BLANKBFFS20100517ADE	163.2
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	163.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39579.6	9,607,693	31120.9	8,831,322	29780.7	8,090,226	29837.7 8,244,410	-0.19 -1.91

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	449.0 487,318	412.2 486,136	
KPXN24M3 D24 DT APP	412.9 331,952		355.2 331,952
KVYE D22 DT LIC	5.0 0	5.0 0	5.0 0
KHTV-CD D22 DC BL	2.0 0	0.0 0	0.0 0
KRET-CD D22 DC APP	1.0 0	1.0 0	1.0 0
KTFF-DT D23 DT BL	1.0 0	1.0 0	1.0 0
KBNT-CD D24 DC BL	58.9 83,303	6.0 8,490	6.0 8,490
XHUAA D22 DT LIC	69.9 78,287	0.0 0	0.0 0
XETV D23 DT LIC	913.0 246,470	802.3 163,484	781.5 164,666

Interference to BLANK0000028406 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	170.3 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	171.8
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	42.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
4730.7	2,512,358	4444.1	2,250,105	3786.0	2,245,025	3445.9 2,235,550	8.98 0.42
1015.4	1,070,195	998.4	1,021,845	947.2	894,217	841.8 823,002	11.13 7.96 (in
Mexico)							

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	652.2 5,080	649.2 5,080	
KPXN24M3 D24 DT APP	994.2 14,555		989.2 14,555
KPXN-TV D24 DT BL	27.1 40,629	20.1 13,793	(in Mexico)

KPXN24M3 D24 DT APP	140.6	138,026			125.5	85,008	(in Mexico)
XETV D23 DT LIC	9.0	0	6.0	0	4.0	0	
XETV D23 DT LIC	31.1	113,835	24.1	86,999	16.1	60,817	(in Mexico)

Interference to DTVBL4035 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035		
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	170.3 km	
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	171.8	
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBFFS9764XXX	42.3	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
4733.7	2,513,384	4443.1	2,254,199	3781.0	2,246,298	3437.9	2,236,823	9.07 0.42
1015.4	1,070,195	998.4	1,020,012	945.2	892,021	839.8	820,806	11.15 7.98 (in Mexico)

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	655.2 5,080	653.2 5,080	
KPXN24M3 D24 DT APP	1000.2 14,555		996.2 14,555
KPXN-TV D24 DT BL	29.1 42,202	22.1 15,366	(in Mexico)
KPXN24M3 D24 DT APP	142.6 139,599		127.5 86,581 (in Mexico)
XETV D23 DT LIC	9.0 2,821	7.0 2,821	5.0 2,821
XETV D23 DT LIC	31.1 112,625	24.1 85,789	16.1 59,607 (in Mexico)

Interference to BLANK0000007394 LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394		
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	149.6 km	
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	148.0	
	KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	149.5	
	KOVR	D25	DT	CP	STOCKTON, CA	BPCDT20111004AAN	396.6	
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	0.0	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24677.6	917,770	20566.2	872,926	20555.2	872,926	20554.2	872,926	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	0.0 0	0.0 0	
KPXN24M3 D24 DT APP	1.0 0		1.0 0
KVEA D25 DT CP	11.0 0	11.0 0	11.0 0

Interference to BLANK0000007394 LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394		
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	149.6 km	
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	148.0	
	KVEA	D25	DT	BL	CORONA, CA	DTVBL19783	149.5	
	KOVR	D25	DT	CP	STOCKTON, CA	BPCDT20111004AAN	396.6	
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	0.0	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24677.6	917,770	20566.2	872,926	20555.2	872,926	20554.2	872,926	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	0.0 0	0.0 0	
KPXN24M3 D24 DT APP	1.0 0		1.0 0
KVEA D25 DT BL	11.0 0	11.0 0	11.0 0

Interference to BLANK0000007394 LIC, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	149.6 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	148.0
	KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	149.5
	KOVR	D25	DT	CP	STOCKTON, CA	BPCDT20111004AAN	396.6
	KUVI-DT	D26	DT	BL	BAKERSFIELD, CA	DTVBL7700	0.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24677.6 917,770	20566.2 872,926	20554.2 872,926	20553.2 872,926	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL	0.0 0	0.0 0		
KPXN24M3 D24 DT APP	1.0 0		1.0 0	
KVEA D25 DT CP	11.0 0	11.0 0	11.0 0	
KUVI-DT D26 DT BL	1.0 0	1.0 0	1.0 0	

Interference to BLANK0000007394 LIC, scenario 4

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	
Undesireds: KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	149.6 km
KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	148.0
KVEA	D25	DT	BL	CORONA, CA	DTVBL19783	149.5
KOVR	D25	DT	CP	STOCKTON, CA	BPCDT20111004AAN	396.6
KUVI-DT	D26	DT	BL	BAKERSFIELD, CA	DTVBL7700	0.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24677.6 917,770	20566.2 872,926	20554.2 872,926	20553.2 872,926	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL	0.0 0	0.0 0		
KPXN24M3 D24 DT APP	1.0 0		1.0 0	
KVEA D25 DT BL	11.0 0	11.0 0	11.0 0	
KUVI-DT D26 DT BL	1.0 0	1.0 0	1.0 0	

Interference to BLANK0000026307 CP, scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	
Undesireds: KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km
KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6
KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3
KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5
KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5
KMIR-TV	D26	DT	CP	PALM SPRINGS, CA	BLANK0000027912	154.9
KSWB-TV	D26	DT	CP	SAN DIEGO, CA	BLANK0000025067	198.3
XHEXT	D25	DT	LIC	MEXICALI, BN	BLANKBPFS20050721BFG	297.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
44300.3 17,934,786	38187.8 17,040,258	37962.8 16,968,838	37944.8 16,956,344	0.05 0.07
Undesired	Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL	2.0 0	2.0 0		
KPXN24M3 D24 DT APP	20.0 12,494		20.0 12,494	
KGET-TV D25 DT LIC	4.0 0	4.0 0	4.0 0	
KMIR-TV D26 DT CP	1.0 0	1.0 0	1.0 0	
KSWB-TV D26 DT CP	217.0 71,365	217.0 71,365	217.0 71,365	
XHEXT D25 DT LIC	1.0 55	1.0 55	1.0 55	

Interference to BLANK0000026307 CP, scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	
Undesireds: KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km
KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6
KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3
KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5
KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5
KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	154.9
KSWB-TV	D26	DT	CP	SAN DIEGO, CA	BLANK0000025067	198.3
XHEXT	D25	DT	LIC	MEXICALI, BN	BLANKBPFS20050721BFG	297.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
44300.3 17,934,786	38187.8 17,040,258	37962.8 16,968,838	37944.8 16,956,344	0.05 0.07
Undesired	Total IX	Unique IX, before	Unique IX, after	
KPXN-TV D24 DT BL	2.0 0	2.0 0		
KPXN24M3 D24 DT APP	20.0 12,494		20.0 12,494	
KGET-TV D25 DT LIC	4.0 0	4.0 0	4.0 0	
KMIR-TV D26 DT BL	1.0 0	1.0 0	1.0 0	

KSWB-TV D26 DT CP	217.0	71,365	217.0	71,365	217.0	71,365
XHEXT D25 DT LIC	1.0	55	1.0	55	1.0	55

Interference to BLANK0000026307 CP, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5
	KMIR-TV	D26	DT	CP	PALM SPRINGS, CA	BLANK0000027912	154.9
	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	198.3
	XHEXT	D25	DT	LIC	MEXICALI, BN	BLANKBPFS20050721BFG	297.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
44300.3 17,934,786		38187.8 17,040,258		37956.9 16,965,981		37938.9 16,953,487	0.05 0.07

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	2.0	0	0
KPXN24M3 D24 DT APP	20.0	12,494	20.0 12,494
KGET-TV D25 DT LIC	4.0	0	4.0 0
KMIR-TV D26 DT CP	1.0	0	1.0 0
KSWB-TV D26 DT BL	223.0	74,222	223.0 74,222
XHEXT D25 DT LIC	1.0	55	1.0 55

Interference to BLANK0000026307 CP, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVEA	D25	DT	CP	CORONA, CA	BLANK0000026307	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5
	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	154.9
	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	198.3
	XHEXT	D25	DT	LIC	MEXICALI, BN	BLANKBPFS20050721BFG	297.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
44300.3 17,934,786		38187.8 17,040,258		37956.9 16,965,981		37938.9 16,953,487	0.05 0.07

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	2.0	0	2.0 0
KPXN24M3 D24 DT APP	20.0	12,494	20.0 12,494
KGET-TV D25 DT LIC	4.0	0	4.0 0
KMIR-TV D26 DT BL	1.0	0	1.0 0
KSWB-TV D26 DT BL	223.0	74,222	223.0 74,222
XHEXT D25 DT LIC	1.0	55	1.0 55

Interference to DTVBL19783 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVEA	D25	DT	BL	CORONA, CA	DTVBL19783	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5
	KMIR-TV	D26	DT	CP	PALM SPRINGS, CA	BLANK0000027912	154.9
	KSWB-TV	D26	DT	CP	SAN DIEGO, CA	BLANK0000025067	198.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
44255.2 17,926,937		38128.7 17,035,693		37903.7 16,962,394		37886.7 16,949,900	0.04 0.07

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL	2.0	0	2.0 0
KPXN24M3 D24 DT APP	18.9	12,494	18.9 12,494
KGET-TV D25 DT LIC	5.0	0	5.0 0
KMIR-TV D26 DT CP	1.0	0	1.0 0
KSWB-TV D26 DT CP	217.0	73,299	217.0 73,299

Interference to DTVBL19783 BL, scenario 2

Desired:	Call KVEA	Chan D25	Svc DT	Status BL	City, State CORONA, CA	File Number DTVBL19783	Distance
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5
	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	154.8
	KSWB-TV	D26	DT	CP	SAN DIEGO, CA	BLANK0000025067	198.3
Service area		Terrain-limited			IX-free, before	IX-free, after	Percent New IX
44255.2	17,926,937	38128.7	17,035,693		37903.7 16,962,394	37886.7 16,949,900	0.04 0.07
Undesired				Total IX	Unique IX, before		Unique IX, after
KPXN-TV	D24 DT BL	2.0		0	2.0	0	
KPXN24M3	D24 DT APP	18.9		12,494		18.9	12,494
KGET-TV	D25 DT LIC	5.0		0	5.0	0	0
KMIR-TV	D26 DT BL	1.0		0	1.0	0	0
KSWB-TV	D26 DT CP	217.0		73,299	217.0 73,299	217.0	73,299

Interference to DTVBL19783 BL, scenario 3

Desired:	Call KVEA	Chan D25	Svc DT	Status BL	City, State CORONA, CA	File Number DTVBL19783	Distance			
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km			
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6			
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3			
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5			
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5			
	KMIR-TV	D26	DT	CP	PALM SPRINGS, CA	BLANK0000027912	154.9			
	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	198.3			
Service area		Terrain-limited			IX-free, before	IX-free, after	Percent New IX			
44255.2	17,926,937	38128.7	17,035,693		37897.7	16,959,543	37880.8	16,947,049	0.04	0.07
Undesired				Total IX	Unique IX, before		Unique IX, after			
KPXN-TV	D24	DT	BL	2.0	0	2.0	0			
KPXN24M3	D24	DT	APP	18.9	12,494			18.9	12,494	
KGET-TV	D25	DT	LIC	5.0	0	5.0	0	5.0	0	
KMIR-TV	D26	DT	CP	1.0	0	1.0	0	1.0	0	
KSWB-TV	D26	DT	BL	223.0	76,150	223.0	76,150	223.0	76,150	

Interference to DTVBL19783 BL, scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KVEA	D25	DT	BL	CORONA, CA	DTVBL19783			
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	0.1 km		
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	1.6		
	KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	170.3		
	KGET-TV	D25	DT	LIC	BAKERSFIELD, CA	BLANK0000007394	149.5		
	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000025151	149.5		
	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	154.8		
	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	198.3		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
44255.2	17,926,937	38128.7	17,035,693	37897.7	16,959,543	37880.8	16,947,049	0.04	0.07
Undesired				Total IX	Unique IX, before		Unique IX, after		
KPXN-TV	D24	DT	BL	2.0	0	2.0	0		
KPXN24M3	D24	DT	APP	18.9	12,494			18.9	12,494
KGET-TV	D25	DT	LIC	5.0	0	5.0	0	5.0	0
KMIR-TV	D26	DT	BL	1.0	0	1.0	0	1.0	0
KSWB-TV	D26	DT	BL	223.0	76,150	223.0	76,150	223.0	76,150

Interference to BLANKBPFS20160524AAT LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	CADENATRES	D24	DT	LIC	ENSENADA, BN	BLANKBPFS20160524AAT	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	290.5 km

KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	292.1
KBNT-CD	D24	DC	CP	SAN DIEGO, CA	BLANK0000028406	120.4
XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	78.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
16984.0 420,170	14955.8 409,170	14323.6 409,065	14315.5 409,065	0.06 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL 127.8	105	2.0 0	
KPXN24M3 D24 DT APP 256.7	105	10.1 0	
KBNT-CD D24 DC CP 630.2	105	383.6 0	
XETV D23 DT LIC 135.9	0	0.0 0	

Interference to BLANKBPFS20160524AAT LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	CADENATRES	D24	DT	LIC	ENSENADA, BN	BLANKBPFS20160524AAT	
Undesireds:	KPXN-TV	D24	DT	BL	SAN BERNARDINO, CA	DTVBL58978	290.5 km
	KPXN24M3	D24	DT	APP	SAN BERNARDINO, CA	kpxn24m3	292.1
	KBNT-CD	D24	DC	BL	SAN DIEGO, CA	DTVBL4035	120.4
	XETV	D23	DT	LIC	TIJUANA, BN	BLANKBPFS9764XXX	78.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
16984.0 420,170	14955.8 409,170	14323.6 409,065	14315.5 409,065	0.06 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KPXN-TV D24 DT BL 127.8	105	2.0 0	
KPXN24M3 D24 DT APP 256.7	105	10.1 0	
KBNT-CD D24 DC BL 630.2	105	383.6 0	
XETV D23 DT LIC 135.9	0	0.0 0	
