

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: KCET\_CP\_WO\_KSKJ\_BL\_CEL\_1\_INC\_0.4\_10042019, Model: Longley-Rice  
Start: 2019.10.13 15:17:39

Study created: 2019.10.13 15:17:39

Study build station data: LMS TV 2019-10-04

Proposal: KCET D28 DT CP LOS ANGELES, CA  
File number: BLANK0000068649  
Facility ID: 13058  
Station data: LMS TV 2019-10-04  
Record ID: 25076f9169740adf01697d28946e1279  
Country: U.S.  
Zone: II

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Individual records excluded:

36717 KSKJ-CD D27 DC BL VAN NUYS, CA DTVBL36717

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KVER-CD	D27	DC	LIC	INDIO, CA	BLANK0000074955	155.3 km
Yes	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6
Yes	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
Yes	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.1
No	KMMD-CD	D28	DC	LIC	SALINAS, CA	BLANK0000068622	412.1
Yes	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.6
Yes	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
Yes	KMPH-TV	D28	DT	APP	VISALIA, CA	BLANK0000035647	281.4
No	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
Yes	KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	0.5
Yes	KFTR-DT	D29	DT	APP	ONTARIO, CA	BLANK0000035667	0.5
No	KQMM-CD	D29	DC	LIC	SANTA MARIA, CA	BLDTL20080423AEG	208.8
No	XHBJ	D27	DT	LIC	TIJUANA, BN	BLANKBPFS20160302ADP	213.7
Yes	XHAQ	D28	DT	LIC	MEXICALI, BN	BLANKBPFS20050721AFZ	298.5
Yes	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	213.7
No	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	213.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28  
Latitude: 34 13 26.00 N (NAD83)  
Longitude: 118 3 47.00 W  
Height AMSL: 1825.4 m  
HAAT: 949.0 m  
Peak ERP: 227 kW  
Antenna: ERI-ATW16HS10-ETC170-28H (ID 1002724) 0.0 deg  
Elev Pattn: ERI-ATW16HS10-ETC170-28H  
Tilts: elec 2.50, mech 1.50 @ 195.0 deg

40.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	211 kW	424.1 m	95.7 km
45.0	169	425.9	94.0
90.0	122	646.1	105.4
135.0	71.6	1433.1	124.3
180.0	10.5	1534.5	106.0
225.0	1.77	1476.8	87.5
270.0	4.28	1033.8	87.0
315.0	111	617.2	103.4

ERP exceeds maximum

ERP: 227 kW ERP maximum: 149 kW

Distance to Canadian border: 1620.8 km

\*\*Proposal is within coordination distance of Mexican border

Distance to Mexican border: 190.0 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 320.6 degrees Distance: 511.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 56.2 degrees Distance: 1308.2 km

Study cell size: 1.00 km

Profile point spacing: 0.40 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 BLANK0000080302 LIC scenario 1

\*\*IX: 0.59% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	33.6 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	33.6
	KSKJ-CD	D26	DC	LIC	VAN NUYS, CA	BLANK0000071612	33.4
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	210.6
	XHBJ	D27	DT	LIC	TIJUANA, BN	BLANKBPFS20160302ADP	197.2

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	11977.4	14,108,779	9604.4	12,325,978	9483.1	12,117,721	9459.4	12,046,220	0.25 0.59

Undesired		Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	85.5	150,707	47.6	71,021
KCET D28 DT CP	120.1	252,679		71.4 142,522
KSKJ-CD D26 DC LIC	30.1	75,498	4.0	11,737 4.0 14,425
KEYT-TV D27 DT LIC	38.7	64,838	22.7	45,064 11.9 11,905
XHBJ D27 DT LIC	12.0	749	8.0	749 8.0 749

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Interference to BLCDT20061102ABJ LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	177.1 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	177.1
	KUVI-DT	D26	DT	LIC	BAKERSFIELD, CA	BLANK0000081232	150.3
	KGMC	D27	DT	LIC	CLOVIS, CA	BLANK0000073456	287.0
	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	210.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	26.6
	XHBJ	D27	DT	LIC	TIJUANA, BN	BLANKBPFS20160302ADP	351.8

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	39195.4	1,418,633	31971.9	1,247,628	30468.2	1,237,267	30480.3	1,239,767	-0.04 -0.20

Undesired		Total IX	Unique IX, before	Unique IX, after
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KCET D28 DT BL	22.2	4,172	14.1	2,582		
KCET D28 DT CP	4.0	484			2.0	82
KUVI-DT D26 DT LIC	4.0	0	1.0	0	2.0	0
KGMC D27 DT LIC	56.9	40	53.9	40	53.9	40
KPOM-CD D27 DC LIC	1298.8	4,151	1043.7	2,561	1046.7	3,749
KVMM-CD D28 DC LIC	378.0	3,588	127.9	3,588	127.9	3,588
XHBJ D27 DT LIC	5.0	0	3.0	0	4.0	0

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Interference to BLANK0000078362 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	155.2 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	155.1
	KVER-CD	D27	DC	LIC	INDIO, CA	BLANK0000074955	0.1
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	305.6
	KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	155.6
	XHAQ	D28	DT	LIC	MEXICALI, BN	BLANKBPFS20050721AFZ	164.8
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	161.7
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	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX		
	15679.2	1,343,709	9853.7	602,029	9367.8	557,912	9355.9 555,616 0.13 0.41

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	121.6	40,019	92.9 37,041
KCET D28 DT CP	148.3	42,346	104.8 39,337
KVER-CD D27 DC LIC	3.0	0	1.0 0
KVMM-CD D28 DC LIC	1.0	0	0.0 0
KFTR-DT D29 DT LIC	9.9	2,599	2.0 1,218
XHAQ D28 DT LIC	371.3	2,718	349.5 2,686
XHJK D28 DT LIC	20.7	2,219	6.9 163

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Interference to BLANK0000078362 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	155.2 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	155.1
	KVER-CD	D27	DC	LIC	INDIO, CA	BLANK0000074955	0.1
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	305.6
	KFTR-DT	D29	DT	APP	ONTARIO, CA	BLANK0000035667	155.6

XHAQ	D28	DT	LIC	MEXICALI, BN	BLANKBPFS20050721AFZ	164.8
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	161.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
15679.2 1,343,709	9853.7 602,029	9367.8 557,912	9355.9 555,616	0.13 0.41

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	121.6 40,019	92.9 37,041	
KCET D28 DT CP	148.3 42,346		104.8 39,337
KVER-CD D27 DC LIC	3.0 0	1.0 0	1.0 0
KVMM-CD D28 DC LIC	1.0 0	0.0 0	0.0 0
KFTR-DT D29 DT APP	9.9 2,599	2.0 1,218	2.0 1,218
XHAQ D28 DT LIC	371.3 2,718	349.5 2,686	335.7 2,686
XHJK D28 DT LIC	20.7 2,219	6.9 163	6.9 163

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Interference to BLANK0000054369 LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	
Undesireds: KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	150.6 km
KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	150.6
KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	26.6
KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	255.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
7025.1 260,580	6237.9 227,350	5911.3 225,436	6106.6 225,437	-3.30 -0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	311.7 1,894	301.8 1,894	
KCET D28 DT CP	109.5 1,893		106.5 1,893
KEYT-TV D27 DT LIC	24.8 20	14.9 20	21.8 20

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Interference to BLCDT20030204AGN LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	
Undesireds: KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	281.4 km
KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	281.4
KGMC	D27	DT	LIC	CLOVIS, CA	BLANK0000073456	66.6
KMMD-CD	D28	DC	LIC	SALINAS, CA	BLANK0000068622	245.0
KBCW	D28	DT	CP	SAN FRANCISCO, CA	BLANK0000033563	338.6

KBFX-CD D29 DC LIC BAKERSFIELD, CA BLTTA20101018ACF 137.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
36449.4 1,723,199	31914.3 1,700,380	31498.3 1,696,237	31496.3 1,696,237	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL 6.1	0	5.1	0
KCET D28 DT CP 13.1	0		7.1 0
KGMC D27 DT LIC 296.8	4,056	247.7 3,321	247.7 3,321
KMMD-CD D28 DC LIC 67.3	527	39.2 9	37.1 9
KBCW D28 DT CP 53.2	740	11.1 5	11.1 5
KBFX-CD D29 DC LIC 57.8	73	56.8 73	53.8 73

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Interference to BLANK0000035647 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMPH-TV	D28	DT	APP	VISALIA, CA	BLANK0000035647	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	281.4 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	281.4
	KGMC	D27	DT	LIC	CLOVIS, CA	BLANK0000073456	66.6
	KMMD-CD	D28	DC	LIC	SALINAS, CA	BLANK0000068622	245.0
	KBCW	D28	DT	CP	SAN FRANCISCO, CA	BLANK0000033563	338.6
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	137.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
37798.8 1,761,187	32965.5 1,724,065	32527.6 1,715,680	32524.5 1,715,680	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL 4.0	0	3.0	0
KCET D28 DT CP 9.1	0		6.1 0
KGMC D27 DT LIC 303.8	4,048	253.7 3,313	253.7 3,313
KMMD-CD D28 DC LIC 76.3	528	47.2 9	47.2 9
KBCW D28 DT CP 58.3	754	14.1 18	14.1 18
KBFX-CD D29 DC LIC 62.8	4,309	61.8 4,309	59.7 4,309

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Interference to BLCDT20100401AFY LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	0.5 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	0.5

KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
43227.5 17,566,876	34227.2 16,164,397	33240.2 15,914,317	33235.2 15,907,278	0.02 0.04

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	16.0 6	14.0 0	
KCET D28 DT CP	23.0 7,867	19.0 7,039	
KVMM-CD D28 DC LIC	368.7 33,153	366.7 33,153	
KBFX-CD D29 DC LIC	167.3 45,269	143.3 40,985	
KXLA D30 DT LIC	30.9 17,723	26.9 14,285	
XHTIT D29 DT LIC	433.2 160,829	405.2 153,935	

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Interference to BLANK0000035667 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFTR-DT	D29	DT	APP	ONTARIO, CA	BLANK0000035667	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	0.5 km
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	0.5
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.6
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.2
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.4
	KVCW	D29	DT	LIC	LAS VEGAS, NV	BLCDT20070109AAW	341.4
	KXLA	D30	DT	LIC	RANCHO PALOS VERDES, CA	BLANK0000081656	0.0
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	214.1
	XHTIT	D29	DT	LIC	TIJUANA, BN	BLANKBPFS20091109AAC	214.1
	LICITACIOND30	DT	LIC		TIJUANA, BN	BLANKBPFSXXXX0004XXX	214.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46416.8 17,720,140	37486.2 16,525,849	36428.3 16,250,939	36420.3 16,247,150	0.02 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	8.0 6	6.0 0	
KCET D28 DT CP	16.0 3,795	14.0 3,789	
KESQ-TV D28 DT LIC	2.0 5	2.0 5	
KVMM-CD D28 DC LIC	373.4 7,930	373.4 7,930	
KBFX-CD D29 DC LIC	205.4 66,080	189.4 57,783	
KVCW D29 DT LIC	2.0 0	0.0 0	
KXLA D30 DT LIC	25.0 10,183	24.0 10,177	
XHJK D28 DT LIC	3.0 137	0.0 0	

XHTIT D29 DT LIC	460.2	199,009	442.2	190,575	442.2	190,575
LICITACION D30 DT LIC	2.0	137	0.0	0	0.0	0

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Interference to BLANKBPFS20050721AFZ LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	XHAQ	D28	DT	LIC	MEXICALI, BN	BLANKBPFS20050721AFZ			
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	298.5 km		
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	298.5		
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	164.8		
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	145.8		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5810.8	163,256	5641.0	163,256	4752.8	152,445	4752.8	152,445	0.00	0.00 (in U.S.)
6360.5	908,792	4883.2	906,009	4834.9	904,989	4834.9	904,989	0.00	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
KCET D28 DT BL		1.0	0	0.0	0				
KCET D28 DT CP		1.0	0			0.0	0		
KESQ-TV D28 DT LIC		887.2	10,811	887.2	10,811	887.2	10,811	(in U.S.)	
KESQ-TV D28 DT LIC		43.3	1,020	43.3	1,020	43.3	1,020		
XHJK D28 DT LIC		1.0	0	1.0	0	1.0	0	(in U.S.)	
XHJK D28 DT LIC		5.0	0	4.0	0	4.0	0		

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Interference to BLANKBPFS20091104ADT LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT			
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	213.7 km		
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	213.7		
	XHAQ	D28	DT	LIC	MEXICALI, BN	BLANKBPFS20050721AFZ	145.8		
	XHENB	D29	DT	LIC	ENSENADA, BN	BLANKBPFS20160301ABR	78.9		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8100.1	2,854,599	7499.5	2,750,812	6030.8	2,708,831	6138.9	2,706,731	-1.79	0.08 (in U.S.)
7956.2	1,753,025	7131.7	1,714,396	6957.4	1,705,791	6962.5	1,707,152	-0.07	-0.08
Undesired		Total IX		Unique IX, before		Unique IX, after			
KCET D28 DT BL		1457.7	41,970	1454.7	41,968			(in U.S.)	



KCET D28 DT CP	1349.6	44,070			1346.6	44,068	(in U.S.)
KCET D28 DT BL	173.3	8,385	171.3	8,385			
KCET D28 DT CP	168.2	7,024			166.2	7,024	
XHAQ D28 DT LIC	14.0	13	11.0	11	11.0	11	(in U.S.)
XHAQ D28 DT LIC	1.0	220	1.0	220	1.0	220	
XHENB D29 DT LIC	2.0	0	0.0	0	0.0	0	

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Interference to proposal scenario 1  
1.84% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.1
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.6
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
	KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	0.5
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	213.7

Service area	Terrain-limited	IX-free	Percent IX
32399.1 16,841,102	23953.4 15,320,915	23363.0 15,039,308	2.46 1.84

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC 172.1	142,747	109.4	120,775 0.46 0.79
KESQ-TV D28 DT LIC 24.8	11,421	18.8	9,714 0.08 0.06
KVMM-CD D28 DC LIC 87.3	8,160	35.8	6,192 0.15 0.04
KMPH-TV D28 DT LIC 28.1	50	22.0	7 0.09 0.00
KBFX-CD D29 DC LIC 17.0	54	11.0	11 0.05 0.00
KFTR-DT D29 DT LIC 104.7	59,308	91.8	58,772 0.38 0.38
XHJK D28 DT LIC 266.9	84,867	208.1	61,800 0.87 0.40

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Interference to proposal scenario 2  
\*\*MX: 1.84% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.1
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.6
	KMPH-TV	D28	DT	APP	VISALIA, CA	BLANK0000035647	281.4

KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	0.5
XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	213.7

Service area		Terrain-limited		IX-free		Percent IX
32399.1	16,841,102	23953.4	15,320,915	23363.0	15,039,308	2.46 1.84

Undesired			Total IX		Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC	172.1	142,747	109.4	120,775	0.46	0.79
KESQ-TV D28 DT LIC	24.8	11,421	18.8	9,714	0.08	0.06
KVMM-CD D28 DC LIC	87.3	8,160	35.8	6,192	0.15	0.04
KMPH-TV D28 DT APP	28.1	50	22.0	7	0.09	0.00
KBFX-CD D29 DC LIC	17.0	54	11.0	11	0.05	0.00
KFTR-DT D29 DT LIC	104.7	59,308	91.8	58,772	0.38	0.38
XHJK D28 DT LIC	266.9	84,867	208.1	61,800	0.87	0.40

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Interference to proposal scenario 3  
\*\*MX: 1.94% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.1
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.6
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
	KFTR-DT	D29	DT	APP	ONTARIO, CA	BLANK0000035667	0.5
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	213.7

Service area		Terrain-limited		IX-free		Percent IX
32399.1	16,841,102	23953.4	15,320,915	23345.0	15,024,104	2.54 1.94

Undesired			Total IX		Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC	172.1	142,747	109.4	120,775	0.46	0.79
KESQ-TV D28 DT LIC	24.8	11,421	18.8	9,714	0.08	0.06
KVMM-CD D28 DC LIC	87.3	8,160	25.8	3,806	0.11	0.02
KMPH-TV D28 DT LIC	28.1	50	22.0	7	0.09	0.00
KBFX-CD D29 DC LIC	17.0	54	11.0	11	0.05	0.00
KFTR-DT D29 DT APP	147.5	76,898	109.8	73,976	0.46	0.48
XHJK D28 DT LIC	266.9	84,867	208.1	61,800	0.87	0.40

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Interference to proposal scenario 4

\*\*MX: 1.94% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000068649	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	155.1
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	150.6
	KMPH-TV	D28	DT	APP	VISALIA, CA	BLANK0000035647	281.4
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
	KFTR-DT	D29	DT	APP	ONTARIO, CA	BLANK0000035667	0.5
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	213.7

Service area	Terrain-limited	IX-free	Percent IX
32399.1 16,841,102	23953.4 15,320,915	23345.0 15,024,104	2.54 1.94

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC 172.1	142,747	109.4	120,775 0.46 0.79
KESQ-TV D28 DT LIC 24.8	11,421	18.8	9,714 0.08 0.06
KVMM-CD D28 DC LIC 87.3	8,160	25.8	3,806 0.11 0.02
KMPH-TV D28 DT APP 28.1	50	22.0	7 0.09 0.00
KBFX-CD D29 DC LIC 17.0	54	11.0	11 0.05 0.00
KFTR-DT D29 DT APP 147.5	76,898	109.8	73,976 0.46 0.48
XHJK D28 DT LIC 266.9	84,867	208.1	61,800 0.87 0.40