

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study:

KCET\_150\_KW\_PROP\_DIE\_ANT\_1.5\_EBT\_3.1\_MBT\_195\_ROT\_0\_FINAL\_03\_WO\_KSKJ\_BL\_CEL\_1\_INC\_0.4\_10042019, Model: Longley-Rice

Start: 2019.10.13 17:12:35

Study created: 2019.10.13 17:12:35

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

Proposal: KCET D28 DT APP LOS ANGELES, CA

File number: KCET\_150\_KW\_PROP\_DIE\_ANT\_1.5\_EBT\_3.1\_MBT\_195\_ROT\_0\_FINAL\_03

Facility ID: 13058

Station data: User record

Record ID: 855

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: 150 kW  
Antenna: DIE TFU\_17ETT\_VP\_C170\_MBT\_FCC\_FILE 0.0 deg  
Elev Pattn: DIE TFU\_17ETT\_VP\_C170\_MBT\_ELV\_FCC  
Tilts: elec 1.50, mech 3.10 @ 195.0 deg

40.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.33 kW	424.1 m	65.5 km
45.0	3.60	425.9	68.3
90.0	94.5	646.1	103.1
135.0	42.0	1433.1	118.3
180.0	2.49	1534.5	91.7
225.0	3.56	1476.8	94.3
270.0	82.6	1033.8	114.6
315.0	43.4	617.2	95.4

ERP exceeds maximum

ERP: 150 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: 0.52% 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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	9476.2 12,054,309	0.07 0.52

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL 85.5 150,707	47.6 71,021		
KCET D28 DT APP 103.4 259,015		54.5 134,433	
KSKJ-CD D26 DC LIC 30.1 75,498	4.0 11,737	0.0 0	
KEYT-TV D27 DT LIC 38.7 64,838	22.7 45,064	12.9 11,905	
XHBJ D27 DT LIC 12.0 749	8.0 749	11.0 749	

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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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	30451.0 1,236,679	0.06 0.05

Undesired		Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL	22.2	4,172	14.1	2,582
KCET D28 DT APP	38.3	4,760		31.2 3,170
KUVI-DT D26 DT LIC	4.0	0	1.0	0 1.0 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 1043.7 2,561
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 3.0 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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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

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 APP	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 LIC	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 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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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 APP 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

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KVMM-CD	D28	DC	LIC	SANTA BARBARA, CA	BLANK0000054369	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	150.6 km
	KCET	D28	DT	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	5653.9 225,369	4.35 0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL 311.7	1,894	301.8 1,894	
KCET D28 DT APP 570.1	1,961		559.2 1,961
KEYT-TV D27 DT LIC 24.8	20	14.9 20	13.9 20

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Interference to BLCDT20030204AGN LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	
Undesireds:	KCET	D28	DT	BL	LOS ANGELES, CA	DTVBL13058	281.4 km
	KCET	D28	DT	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	31502.3 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 APP	1.0 0		1.0 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	39.2 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	57.8 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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	32529.6 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 APP	1.0 0		1.0 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	62.8 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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	33239.2 15,902,761	0.00 0.07

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL 16.0	6	14.0	0
KCET D28 DT APP 19.0	12,384		15.0 11,556
KVMM-CD D28 DC LIC 368.7	33,153	366.7 33,153	366.7 33,153
KBFX-CD D29 DC LIC 167.3	45,269	143.3 40,985	143.3 40,985
KXLA D30 DT LIC 30.9	17,723	28.9 15,107	26.9 14,285
XHTIT D29 DT LIC 433.2	160,829	405.2 153,935	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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	36428.3 16,248,625	-0.00 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
KCET D28 DT BL 8.0	6	6.0	0
KCET D28 DT APP 8.0	2,320		6.0 2,314
KESQ-TV D28 DT LIC 2.0	5	2.0 5	2.0 5
KVMM-CD D28 DC LIC 373.4	7,930	373.4 7,930	373.4 7,930
KBFX-CD D29 DC LIC 205.4	66,080	189.4 57,783	189.4 57,783
KVCW D29 DT LIC 2.0	0	0.0 0	0.0 0

KXLA D30 DT LIC	25.0	10,183	24.0	10,177	24.0	10,177
XHJK D28 DT LIC	3.0	137	0.0	0	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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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		
KCET D28 DT APP			0.0	0		0.0 0		
KESQ-TV D28 DT LIC			887.2	10,811		887.2 10,811		(in U.S.)
KESQ-TV D28 DT LIC			43.3	1,020		43.3 1,020		
XHJK D28 DT LIC			1.0	0		1.0 0		(in U.S.)
XHJK D28 DT LIC			5.0	0		5.0 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	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	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	6819.8	2,727,852	-13.08 -0.70 (in U.S.)
7956.2	1,753,025	7131.7	1,714,396	6957.4	1,705,791	7080.4	1,707,367	-1.77 -0.09



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 APP	667.7			22,949		665.7	22,947 (in U.S.)
KCET D28 DT BL	173.3			8,385	171.3	8,385	
KCET D28 DT APP	50.3			6,809		48.3	6,809
XHAQ D28 DT LIC	14.0			13	11.0	11	12.0 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  
2.80% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCET	D28	DT	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
	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
28656.5 17,134,102	21824.7 15,627,045	20861.5 15,188,714	4.41 2.80

Undesired				Total IX	Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC	160.0			139,412	110.2	124,899 0.50 0.80
KEYT-TV D27 DT LIC	215.3			115,498	5.0	11 0.02 0.00
KESQ-TV D28 DT LIC	20.8			7,401	17.8	6,561 0.08 0.04
KVMM-CD D28 DC LIC	504.3			169,965	247.5	54,478 1.13 0.35
KMPH-TV D28 DT LIC	13.0			43	11.0	0 0.05 0.00
KBFX-CD D29 DC LIC	3.0			43	1.0	0 0.00 0.00
KFTR-DT D29 DT LIC	105.6			53,177	98.7	53,134 0.45 0.34
XHJK D28 DT LIC	236.9			83,718	185.1	68,852 0.85 0.44

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Interference to proposal scenario 2  
\*\*MX: 2.80% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCET	D28	DT	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	

Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDDT20061102ABJ	177.1
	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	BLCDDT20100401AFY	0.5
	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	213.7

Service area	Terrain-limited	IX-free	Percent IX
28656.5 17,134,102	21824.7 15,627,045	20860.5 15,188,714	4.42 2.80

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC	160.0 139,412	110.2 124,899	0.50 0.80
KEYT-TV D27 DT LIC	215.3 115,498	5.0 11	0.02 0.00
KESQ-TV D28 DT LIC	20.8 7,401	17.8 6,561	0.08 0.04
KVMM-CD D28 DC LIC	504.3 169,965	247.5 54,478	1.13 0.35
KMPH-TV D28 DT APP	14.0 43	12.0 0	0.06 0.00
KBFX-CD D29 DC LIC	3.0 43	1.0 0	0.00 0.00
KFTR-DT D29 DT LIC	105.6 53,177	98.7 53,134	0.45 0.34
XHJK D28 DT LIC	236.9 83,718	185.1 68,852	0.85 0.44

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Interference to proposal scenario 3

\*\*MX: 2.90% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCET	D28	DT	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDDT20061102ABJ	177.1
	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	BLCDDT20030204AGN	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
28656.5 17,134,102	21824.7 15,627,045	20852.5 15,173,734	4.45 2.90

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC	160.0 139,412	110.2 124,899	0.50 0.80
KEYT-TV D27 DT LIC	215.3 115,498	5.0 11	0.02 0.00
KESQ-TV D28 DT LIC	20.8 7,401	17.8 6,561	0.08 0.04

KVMM-CD D28 DC LIC	504.3	169,965	247.5	54,478	1.13	0.35
KMPH-TV D28 DT LIC	13.0	43	11.0	0	0.05	0.00
KBFX-CD D29 DC LIC	3.0	43	1.0	0	0.00	0.00
KFTR-DT D29 DT APP	116.6	68,157	107.7	68,114	0.49	0.44
XHJK D28 DT LIC	236.9	83,718	185.1	68,852	0.85	0.44

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Interference to proposal scenario 4

\*\*MX: 2.90% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCET	D28	DT	APP	LOS ANGELES, CA	KCET_150_KW_PROP_DIE_A	
Undesireds:	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	33.6 km
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
	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
28656.5 17,134,102	21824.7 15,627,045	20851.5 15,173,734	4.46 2.90

Undesired	Total IX	Unique IX	Prcnt Unique IX
KPOM-CD D27 DC LIC	160.0 139,412	110.2 124,899	0.50 0.80
KEYT-TV D27 DT LIC	215.3 115,498	5.0 11	0.02 0.00
KESQ-TV D28 DT LIC	20.8 7,401	17.8 6,561	0.08 0.04
KVMM-CD D28 DC LIC	504.3 169,965	247.5 54,478	1.13 0.35
KMPH-TV D28 DT APP	14.0 43	12.0 0	0.06 0.00
KBFX-CD D29 DC LIC	3.0 43	1.0 0	0.00 0.00
KFTR-DT D29 DT APP	116.6 68,157	107.7 68,114	0.49 0.44
XHJK D28 DT LIC	236.9 83,718	185.1 68,852	0.85 0.44