

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012

Record Selected for Analysis

K57BC USERRECORD-01 SAN LUIS OBISPO,ETC. CA US
Channel 31 ERP 15. kW HAAT 427. m RCAMSL 00768 m STRINGENT MASK
Latitude 035-21-38 Longitude 0120-39-21
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model SFN-2030-C-6EP Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	9.480	392.7	57.5
45.0	3.071	389.0	51.1
90.0	3.243	342.0	49.4
135.0	8.159	133.3	42.5
180.0	10.584	651.1	66.4
225.0	12.150	597.5	65.9
270.0	13.254	608.2	66.8
315.0	9.841	301.4	53.2

Contour Overlap to Proposed Station

Station
KDFS-CA 30 SANTA MARIA CA BLTTL19980618JH

Station inside contour of Digital LPTV station
K57BC 31 SAN LUIS OBISPO,ETC. CA USERRECORD01

Station
KBID-LP 31 FRESNO CA BLTTL20071001BOA causes

Contour overlap to Digital LPTV station
K57BC 31 SAN LUIS OBISPO,ETC. CA USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Channel	Call	City/State	ARN
31	K57BC	SAN LUIS OBISPO, ETC. CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KLDF-CA	LOMPOC CA	71.6	LIC	BLTTL	-19980720JB
17	K17GD	PASO ROBLES CA	32.6	LIC	BLTTA	-20030319AAR
17	KSBB-LP	SANTA BARBARA CA	136.5	LIC	BLTTL	-20010710AAX
23	K23CL	LOMPOC CA	71.4	LIC	BLTT	-19920804JD
24	KKFX-CA	SAN LUIS OBISPO CA	0.0	LIC	BLTTL	-19980917JG
30	NEW	BAKERSFIELD CA	136.3	APP	BNPDTL	-20100514ABT
30	K30KZ-D	MONTEREY CA	172.7	CP	BNPDTL	-20090825ABD
30	K30MV-D	SANTA BARBARA CA	112.5	CP	BNPDTL	-20100727ACY
30	KDFS-CA	SANTA MARIA CA	51.7	LIC	BLTTL	-19980618JH
31	KBTF-CD	BAKERSFIELD CA	187.1	LIC	BLDTA	-20100921ABW
31	KBID-LP	FRESNO CA	219.8	LIC	BLTTL	-20071001BOA
31	KBID-LP	FRESNO CA	219.8	CP	BDFCDTL	-20090824AHD
31	KTLA	LOS ANGELES CA	267.9	LIC	BLCDT	-20050713ACE
31	NEW	MODESTO CA	256.6	APP	BDCCDTT	-20120726ABW
31	KSMS-TV	MONTEREY CA	172.7	LIC	BLCDT	-20120111ABM
31	KBCW	NAPA CA	361.3	APP	BDRTCDT	-20090630AEG
31	K31MB-D	RIDGECREST CA	271.6	CP	BDCCDTT	-20110719ADD
31	KMUM-CA	SACRAMENTO CA	379.1	CP	BDISDTA	-20081113AFO
31	K31AD	VICTORVILLE, ETC. CA	317.9	LIC	BLTT	-19900108IL
31	K31MF-D	YUCCA VALLEY CA	380.6	CP	BNPDTL	-20100512AFR
31	K31KH-D	STATELINE NV	405.0	LIC	BLDTL	-20110418ABC
31	K31KH-D	STATELINE NV	403.2	CP	BDISTTL	-20081125AUH
31	K31KH-D	STATELINE NV	403.2	CP	BDFCDTL	-20090824ABT
32	NEW	BAKERSFIELD CA	187.4	APP	BSFDTL	-20060630CIR
32	NEW	BAKERSFIELD CA	187.1	APP	BSFDTL	-20060630BVW
32	NEW	BAKERSFIELD CA	187.1	APP	BSFDTL	-20060630COZ
32	KION-TV	MONTEREY CA	156.7	LIC	BLCDT	-20030604ACO
32	KSBB-LD	SANTA BARBARA CA	133.6	LIC	BLDTL	-20110711ABK
32	KWSM-LP	SANTA MARIA CA	65.8	CP	BDISDTL	-20100111AFL
32	NEW	TUPMAN CA	101.9	APP	BNPDTL	-20100514ABW
35	KTSB-CA	SANTA MARIA CA	65.8	LIC	BLTTA	-20090519AAR

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	KLDF-CA	LOMPOC CA	BLTTL	-19980720JB

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

%%%

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	K17GD	PASO ROBLES CA	BLTTA	-20030319AAR

Stations Potentially Affecting This Station

Proposal causes no interference

%%%

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	KSBB-LP	SANTA BARBARA CA	BLTTL	-20010710AAX

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

%%%

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Analysis of Interference to Affected Station 4

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
23	K23CL	LOMPOC CA	BLTT -19920804JD

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
24	KKFX-CA	SAN LUIS OBISPO CA	BLTTL -19980917JG

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
30	NEW	BAKERSFIELD CA	BNPDTL -20100514ABT

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
30	K30KZ-D	MONTEREY CA	BNPDTL -20090825ABD

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
30	K30MV-D	SANTA BARBARA CA	BNPDTL -20100727ACY

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
30	KDFS-CA	SANTA MARIA CA	BLTTL -19980618JH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

27	KEYT-TV	SANTA BARBARA CA	71.2	LIC	BLCDDT	-20061102ABJ
29	KQMM-CD	SANTA MARIA CA	36.9	LIC	BLDTL	-20080423AEG
30	KFSN-TV	FRESNO CA	263.6	LIC	BLCDDT	-20110914ABW
30	KQED	SAN FRANCISCO CA	358.6	CP	BPEDT	-20120522AFI
30	KQED	SAN FRANCISCO CA	358.6	LIC	BLEDT	-20100216ACU
30	K30MV-D	SANTA BARBARA CA	71.1	CP	BNPDTL	-20100727ACY
34	KTAS	SAN LUIS OBISPO CA	51.7	LIC	BLCDDT	-20070222AAX
31	K57BC	SAN LUIS OBISPO,ETC. CA	51.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 9
Before Analysis

Results for: 30N CA SANTA MARIA	BLTTL	19980618JH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	195983	3306.2	
not affected by terrain losses	190233	3068.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	124	92.7	
lost to all IX	124	92.7	

Potential Interfering Stations Included in above Scenario 1

29A CA SANTA MARIA	BLDTL	20080423AEG	LIC
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After Analysis

Results for: 30N CA SANTA MARIA	BLTTL	19980618JH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	195983	3306.2	
not affected by terrain losses	190233	3068.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	124	96.6	
lost to all IX	124	96.6	

Potential Interfering Stations Included in above Scenario 1

29A CA SANTA MARIA	BLDTL	20080423AEG	LIC
31A CA SAN LUIS OBISPO,ETC.	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KBTF-CD	BAKERSFIELD CA	BLDTA -20100921ABW

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KBID-LP	FRESNO CA	BLTTL -20071001BOA

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KBID-LP	FRESNO CA	BDFCDTL -20090824AHD

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KFSN-TV	FRESNO CA	0.4	LIC	BLCDT	-20110914ABW
31	KBTF-CD	BAKERSFIELD CA	195.0	LIC	BLDTA	-20100921ABW
31	KTLA	LOS ANGELES CA	339.6	LIC	BLCDT	-20050713ACE
31	NEW	MODESTO CA	154.6	APP	BDCCD TT	-20120726ABW
31	KSMS-TV	MONTEREY CA	187.3	LIC	BLCDT	-20120111ABM
31	K31KH-D	STATELINE NV	214.3	LIC	BLDTL	-20110418ABC
31	K31KH-D	STATELINE NV	213.3	CP	BDFCDTL	-20090824ABT
32	KJEO-LD	FRESNO CA	0.0	LIC	BLDTL	-20090826AAX
32	KJEO-LD	FRESNO CA	0.0	APP	BDFCDTL	-20080905AAF
31	K57BC	SAN LUIS OBISPO,ETC. CA	219.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 2
Scenario 1 Affected station 12
Before Analysis

Results for: 31A CA FRESNO BDFCDTL 20090824AHD CP
HAAT 975.0 m, ATV ERP 1.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	686919	3897.9
not affected by terrain losses	683424	3642.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	131547	1821.9
lost to ATV IX only	131547	1821.9
lost to all IX	131547	1821.9

Potential Interfering Stations Included in above Scenario 1

30A CA FRESNO	BLCDT	20110914ABW	LIC
31A CA BAKERSFIELD	BLDTA	20100921ABW	LIC
31A CA MONTEREY	BLCDT	20120111ABM	LIC
32A CA FRESNO	BLDTL	20090826AAX	LIC

After Analysis

Results for: 31A CA FRESNO BDFCDTL 20090824AHD CP
HAAT 975.0 m, ATV ERP 1.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	686919	3897.9
not affected by terrain losses	683424	3642.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	131547	1821.9
lost to ATV IX only	131547	1821.9
lost to all IX	131547	1821.9

Potential Interfering Stations Included in above Scenario 1

30A CA FRESNO	BLCDT	20110914ABW	LIC
31A CA BAKERSFIELD	BLDTA	20100921ABW	LIC
31A CA MONTEREY	BLCDT	20120111ABM	LIC
32A CA FRESNO	BLDTL	20090826AAX	LIC
31A CA SAN LUIS OBISPO,ETC.	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KTLA	LOS ANGELES CA	BLCDT	-20050713ACE

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Channel 31 Call NEW City/State MODESTO CA Application Ref. No. BDCCDTT -20120726ABW

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel 31 Call KSMS-TV City/State MONTEREY CA Application Ref. No. BLCDT -20120111ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KFSN-TV	FRESNO CA	187.2	LIC	BLCDT -20110914ABW
30	KQED	SAN FRANCISCO CA	139.3	CP	BPEDT -20120522AFI
30	KQED	SAN FRANCISCO CA	139.3	LIC	BLEDT -20100216ACU
31	KTLLA	LOS ANGELES CA	419.2	LIC	BLCDT -20050713ACE
32	KION-TV	MONTEREY CA	26.8	LIC	BLCDT -20030604ACO
32	KEMO-TV	SANTA ROSA CA	139.3	CP MOD	BMPCDT -20120504ADE
31	K57BC	SAN LUIS OBISPO,ETC. CA	172.7	APP	USERRECORD-01
32	KEMO-TV	SANTA ROSA CA		CP MOD	BMPCDT -20120504ADE

Total scenarios = 2

Result key: 4

Scenario 1 Affected station 15

Before Analysis

Results for: 31A CA MONTEREY BLCDT 20120111ABM LIC

HAAT 701.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	4173477	38484.7
not affected by terrain losses	3131411	25449.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	740279	1731.0
lost to ATV IX only	740279	1731.0
lost to all IX	740279	1731.0

Potential Interfering Stations Included in above Scenario 1

30A CA SAN FRANCISCO	BPEDT	20120522AFI	CP
32A CA MONTEREY	BLCDT	20030604ACO	LIC
32A CA SANTA ROSA	BMPCDT	20120504ADE	CP

After Analysis

Results for: 31A CA MONTEREY BLCDT 20120111ABM LIC

HAAT 701.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	4173477	38484.7
not affected by terrain losses	3131411	25449.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	740756	2035.1
lost to ATV IX only	740756	2035.1
lost to all IX	740756	2035.1

Potential Interfering Stations Included in above Scenario 1

30A CA SAN FRANCISCO	BPEDT	20120522AFI	CP
32A CA MONTEREY	BLCDT	20030604ACO	LIC
32A CA SANTA ROSA	BMPCDT	20120504ADE	CP
31A CA SAN LUIS OBISPO,ETC.	USERRECORD01		APP

Percent new IX = 0.0199%

Worst case new IX 0.0199% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel 31 Call KBCW City/State NAPA CA Application Ref. No. BDRTCDT -20090630AEG

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31MB-D	RIDGECREST CA	BDCCDTT -20110719ADD

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KMUM-CA	SACRAMENTO CA	BDISDTA -20081113AFO

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31AD	VICTORVILLE, ETC. CA	BLTT -19900108IL

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31MF-D	YUCCA VALLEY CA	BNPDTL -20100512AFR

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31KH-D	STATELINE NV	BLDTL -20110418ABC

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Analysis of current record
Channel Call City/State Application Ref. No.
31 K31KH-D STATELINE NV BDISTTL -20081125AUH

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record
Channel Call City/State Application Ref. No.
31 K31KH-D STATELINE NV BDFCDTL -20090824ABT

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record
Channel Call City/State Application Ref. No.
32 NEW BAKERSFIELD CA BSFDTL -20060630CIR

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record
Channel Call City/State Application Ref. No.
32 NEW BAKERSFIELD CA BSFDTL -20060630BVW

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 26

Analysis of current record
Channel Call City/State Application Ref. No.
32 NEW BAKERSFIELD CA BSFDTL -20060630COZ

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 27

Analysis of current record
Channel Call City/State Application Ref. No.
32 KION-TV MONTEREY CA BLCDT -20030604ACO

Stations Potentially Affecting This Station

Proposal causes no interference

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OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	KSBT-LD	SANTA BARBARA CA	BLDTL -20110711ABK

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	KWSM-LP	SANTA MARIA CA	BDISDTL -20100111AFL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KBTF-CD	BAKERSFIELD CA	156.7	LIC	BLDTA -20100921ABW
32	KDOC-TV	ANAHEIM CA	208.3	CP MOD	BMPCDT -20040323ATA
32	KDOC-TV	ANAHEIM CA	208.3	LIC	BLCDT -20060626ACV
32	NEW	BAKERSFIELD CA	157.0	APP	BSFDTL -20060630CIR
32	NEW	BAKERSFIELD CA	156.7	APP	BSFDTL -20060630BVW
32	NEW	BAKERSFIELD CA	156.7	APP	BSFDTL -20060630COZ
32	KJEO-LD	FRESNO CA	249.9	LIC	BLDTL -20090826AAX
32	KJEO-LD	FRESNO CA	249.9	APP	BDFCDTL -20080905AAF
32	KION-TV	MONTEREY CA	222.2	LIC	BLCDT -20030604ACO
32	KSBT-LD	SANTA BARBARA CA	67.8	LIC	BLDTL -20110711ABK
32	KEMO-TV	SANTA ROSA CA	375.7	CP MOD	BMPCDT -20120504ADE
32	NEW	TUPMAN CA	87.9	APP	BNPDTL -20100514ABW
33	K33KQ-D	SAN LUIS OBISPO CA	65.8	CP	BNPDTL -20090825BVI
33	K33MO-D	SANTA BARBARA CA	67.8	CP	BNPDTL -20100429ADB
31	K57BC	SAN LUIS OBISPO,ETC. CA	65.8	APP	USERRECORD-01
32	KEMO-TV	SANTA ROSA CA		CP MOD	BMPCDT -20120504ADE

Total scenarios = 4

Result key:

6

Scenario 1 Affected station 29
Before Analysis

Results for: 32A CA SANTA MARIA BDISDTL 20100111AFL CP

HAAT	756.0 m, ATV ERP	15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			319972	10480.6
not affected by terrain losses			309408	8202.9
lost to NTSC IX			0	0.0
lost to additional IX by ATV			23296	524.0
lost to ATV IX only			23296	524.0
lost to all IX			23296	524.0

Potential Interfering Stations Included in above Scenario 1

32A CA ANAHEIM	BMPCDT	20040323ATA	CP
32A CA FRESNO	BLDTL	20090826AAX	LIC
33A CA SAN LUIS OBISPO	BNPDTL	20090825BVI	CP

After Analysis

Results for: 32A CA SANTA MARIA BDISDTL 20100111AFL CP

HAAT	756.0 m, ATV ERP	15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			319972	10480.6
not affected by terrain losses			309408	8202.9
lost to NTSC IX			0	0.0
lost to additional IX by ATV			23296	524.0
lost to ATV IX only			23296	524.0
lost to all IX			23296	524.0

Potential Interfering Stations Included in above Scenario 1

32A CA ANAHEIM	BMPCDT	20040323ATA	CP
32A CA FRESNO	BLDTL	20090826AAX	LIC
33A CA SAN LUIS OBISPO	BNPDTL	20090825BVI	CP
31A CA SAN LUIS OBISPO,ETC.	USERRECORD01		APP

OET-69 Interference Analysis (K57BC, San Luis Obispo, Etc., Channel 31)

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	NEW	TUPMAN CA	BNPDTL -20100514ABW

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	KTSB-CA	SANTA MARIA CA	BLTTA -20090519AAR

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K57BC	SAN LUIS OBISPO,ETC. CA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30MV-D	SANTA BARBARA CA	112.5	CP	BNPDTL -20100727ACY
30	KDFS-CA	SANTA MARIA CA	51.7	LIC	BLTTT -19980618JH
31	KBTF-CD	BAKERSFIELD CA	187.1	LIC	BLDTA -20100921ABW
31	KBID-LP	FRESNO CA	219.8	LIC	BLTTT -20071001BOA
31	KBID-LP	FRESNO CA	219.8	CP	BDFCDTL -20090824AHD
31	KTLLA	LOS ANGELES CA	267.9	LIC	BLCDT -20050713ACE
31	KSMS-TV	MONTEREY CA	172.7	LIC	BLCDT -20120111ABM
32	KWSM-LP	SANTA MARIA CA	65.8	CP	BDISDTL -20100111AFL

Total scenarios = 1

Result key: 10

Scenario 1 Affected station 32

Before Analysis

Results for: 31A CA SAN LUIS OBISPO,ETC. USERRECORD01 APP

HAAT 427.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	360736	10644.9
not affected by terrain losses	356689	9723.9
lost to NTSC IX	13	81.6
lost to additional IX by ATV	43747	699.9
lost to ATV IX only	43760	771.6
lost to all IX	43760	781.5

Potential Interfering Stations Included in above Scenario 1

31N CA FRESNO	BLTTT	20071001BOA	LIC
31A CA BAKERSFIELD	BLDTA	20100921ABW	LIC
31A CA MONTEREY	BLCDT	20120111ABM	LIC
32A CA SANTA MARIA	BDISDTL	20100111AFL	CP

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