

KZTC_custom_ant_170_deg_rcw.txt

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
./data_files/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-11-2015 Time: 10:16:57

Record Selected for Analysis

KZTC-PRO USERRECORD-01 SAN DIEGO CA US
Channel 07 ERP 3. kW HAAT 548. m RCAMSL 00895 m FULL SERVICE MASK
Latitude 033-00-32 Longitude 0116-58-16
Status APP Zone 1 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 310.
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	48.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.000	505.4	7.1	
45.0	0.002	451.1	19.0	
90.0	0.001	417.4	14.2	
135.0	1.381	419.2	63.6	
180.0	2.834	563.1	77.5	
225.0	0.332	663.7	62.9	
270.0	0.003	686.8	28.0	
315.0	0.000	674.9	4.3	

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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 within the Mexican coordination distance
Distance to border = 51.0km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
07	KZTC-PRO	SAN DIEGO CA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	K07YJ-D	BULLHEAD CITY AZ	330.8	LIC	BLDTV	-20130308AAN
07	NEW	YUMA AZ	228.9	APP	BNPDVL	-20100524AAX
07	K07ZF	CALEXICO CA	153.4	LIC	BLTVL	-20130122AEJ
07	KABC-TV	LOS ANGELES CA	169.1	LIC	BLCDT	-20110503ACD
07	NEW	NORTH PALM SPRINGS CA	109.2	APP	BNPDVL	-20090825BHP
07	NEW	PALM SPRINGS CA	107.6	APP	BNPDVL	-20090825BGC
07	K07NH	RIDGECREST, ETC. CA	300.6	LIC	BLTTV	-4569
07	KLAS-TV	LAS VEGAS NV	371.2	LIC	BLCDT	-20041202ACC
08	NEW	CALEXICO CA	141.6	APP	BMJADVL	-20100520ADH
08	KILA-LP	CHERRY VALLEY CA	109.7	CP	BDISDVL	-20090630AHK
08	KILA-LP	CHERRY VALLEY CA	109.7	CP MOD	BMPDVL	-20110826ACS
08	KVPS-LP	INDIO CA	112.2	LIC	BLTVL	-20020122AAB
08	KVPS-LP	INDIO CA	109.2	APP	BLANK	-0000004165
08	KFLA-LD	LOS ANGELES CA	169.9	LIC	BLDVL	-20130820AAW
08	KFLA-LD	LOS ANGELES CA	169.9	CP	BPDVL	-20131023AEE
08	K08IA	NEWBERRY SPRINGS CA	204.6	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	32.1	LIC	BLCDT	-20100520ACV

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	K07YJ-D	BULLHEAD CITY AZ	BLDTV	-20130308AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KAZT-TV	PRESCOTT AZ	229.7	LIC	BLCDT	-20090612AEO
07	KABC-TV	LOS ANGELES CA	338.9	LIC	BLCDT	-20110503ACD
07	KLAS-TV	LAS VEGAS NV	92.6	LIC	BLCDT	-20041202ACC
08	K08PK-D	BULLHEAD CITY AZ	0.0	LIC	BLDTV	-20130308AAP
07	KZTC-PRO	SAN DIEGO CA	330.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	NEW	YUMA AZ	BNPDVL	-20100524AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KAZT-TV	PRESCOTT AZ	320.5	LIC	BLCDT	-20090612AEO
07	K07ZF	CALEXICO CA	76.6	LIC	BLTVL	-20130122AEJ
07	KABC-TV	LOS ANGELES CA	369.9	LIC	BLCDT	-20110503ACD
07	KLAS-TV	LAS VEGAS NV	369.9	LIC	BLCDT	-20041202ACC
07	KZTC-PRO	SAN DIEGO CA	228.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	K07ZF	CALEXICO CA	BLTVL	-20130122AEJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KAZT-TV	PRESCOTT AZ	375.4	LIC	BLCDDT	-20090612AEO
07	NEW	YUMA AZ	76.6	APP	BNPDVL	-20100524AAX
07	KABC-TV	LOS ANGELES CA	303.2	LIC	BLCDDT	-20110503ACD
07	KLAS-TV	LAS VEGAS NV	364.8	LIC	BLCDDT	-20041202ACC
08	NEW	CALEXICO CA	11.8	APP	BMJADVL	-20100520ADH
07	KZTC-PRO	SAN DIEGO CA	153.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	BLCDDT	-20110503ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KAIL	FRESNO CA	339.5	LIC	BLCDDT	-20021002ABH
07	KAIL	FRESNO CA	339.4	CP	BPCDDT	-20100401ABQ
07	KLAS-TV	LAS VEGAS NV	334.8	LIC	BLCDDT	-20041202ACC
08	KFMB-TV	SAN DIEGO CA	171.9	LIC	BLCDDT	-20100520ACV
07	KZTC-PRO	SAN DIEGO CA	169.1	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 4
 Before Analysis

Results for: 7A CA LOS ANGELES BLCDDT 20110503ACD LIC
 HAAT 978.0 m, ATV ERP 28.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16352473	52911.9
not affected by terrain losses	15958296	45952.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	153768	630.4
lost to ATV IX only	153768	630.4
lost to all IX	153768	630.4

Potential Interfering Stations Included in above Scenario 1

7A CA FRESNO	BLCDDT	20021002ABH	LIC
7A NV LAS VEGAS	BLCDDT	20041202ACC	LIC
8A CA SAN DIEGO	BLCDDT	20100520ACV	LIC

After Analysis

Results for: 7A CA LOS ANGELES BLCDDT 20110503ACD LIC
 HAAT 978.0 m, ATV ERP 28.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16352473	52911.9
not affected by terrain losses	15958296	45952.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	157114	649.1
lost to ATV IX only	157114	649.1
lost to all IX	157114	649.1

Potential Interfering Stations Included in above Scenario 1

7A CA FRESNO	BLCDT	20021002ABH	LIC
7A NV LAS VEGAS	BLCDT	20041202ACC	LIC
8A CA SAN DIEGO	BLCDT	20100520ACV	LIC
7A CA SAN DIEGO	USERRECORD01		APP

Percent new IX = 0.0212%

Result key: 2
 Scenario 2 Affected station 4
 Before Analysis

Results for: 7A CA LOS ANGELES BLCDT 20110503ACD LIC
 HAAT 978.0 m, ATV ERP 28.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16352473	52911.9
not affected by terrain losses	15958296	45952.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	153754	618.6
lost to ATV IX only	153754	618.6
lost to all IX	153754	618.6

Potential Interfering Stations Included in above Scenario 2

7A CA FRESNO	BPCDT	20100401ABQ	CP
7A NV LAS VEGAS	BLCDT	20041202ACC	LIC
8A CA SAN DIEGO	BLCDT	20100520ACV	LIC

After Analysis

Results for: 7A CA LOS ANGELES BLCDT 20110503ACD LIC
 HAAT 978.0 m, ATV ERP 28.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16352473	52911.9
not affected by terrain losses	15958296	45952.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	157100	637.3
lost to ATV IX only	157100	637.3
lost to all IX	157100	637.3

Potential Interfering Stations Included in above Scenario 2

7A CA FRESNO	BPCDT	20100401ABQ	CP
7A NV LAS VEGAS	BLCDT	20041202ACC	LIC
8A CA SAN DIEGO	BLCDT	20100520ACV	LIC
7A CA SAN DIEGO	USERRECORD01		APP

Percent new IX = 0.0212%

Worst case new IX 0.0212% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	NEW	NORTH PALM SPRINGS CA	BNPDVL	-20090825BHP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	144.1	LIC	BLCDT	-20110503ACD
07	NEW	PALM SPRINGS CA	12.1	APP	BNPDVL	-20090825BGC
07	KLAS-TV	LAS VEGAS NV	263.1	LIC	BLCDT	-20041202ACC
08	KILA-LP	CHERRY VALLEY CA	68.0	CP	BDISDVL	-20090630AHK
08	KVPS-LP	INDIO CA	32.5	LIC	BLTVL	-20020122AAB
08	KVPS-LP	INDIO CA	0.0	APP	BLANK	-0000004165
07	KZTC-PRO	SAN DIEGO CA	109.2	APP	USERRECORD-01	

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.
07	NEW	PALM SPRINGS CA	BNPDVL	-20090825BGC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	K07ZF	CALEXICO CA	164.8	LIC	BLTVL	-20130122AEJ
07	KABC-TV	LOS ANGELES CA	155.6	LIC	BLCDT	-20110503ACD
07	NEW	NORTH PALM SPRINGS CA	12.1	APP	BNPDVL	-20090825BHP
07	KLAS-TV	LAS VEGAS NV	263.5	LIC	BLCDT	-20041202ACC
08	KILA-LP	CHERRY VALLEY CA	78.8	CP	BDISDVL	-20090630AHK
08	KVPS-LP	INDIO CA	20.6	LIC	BLTVL	-20020122AAB
08	KVPS-LP	INDIO CA	12.1	APP	BLANK	-0000004165
07	KZTC-PRO	SAN DIEGO CA	107.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	K07NH	RIDGECREST, ETC. CA	BLTTV	-4569

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KAIL	FRESNO CA	226.6	LIC	BLCDT	-20021002ABH
07	KAIL	FRESNO CA	226.5	CP	BPCDT	-20100401ABQ
07	KABC-TV	LOS ANGELES CA	165.0	LIC	BLCDT	-20110503ACD
07	KLAS-TV	LAS VEGAS NV	233.0	LIC	BLCDT	-20041202ACC
07	KZTC-PRO	SAN DIEGO CA	300.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KLAS-TV	LAS VEGAS NV	BLCDT	-20041202ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KAZT-TV	PRESCOTT AZ	299.9	LIC	BLCDT	-20090612AEO
07	KAIL	FRESNO CA	411.6	LIC	BLCDT	-20021002ABH
07	KAIL	FRESNO CA	411.5	CP	BPCDT	-20100401ABQ
07	KABC-TV	LOS ANGELES CA	334.8	LIC	BLCDT	-20110503ACD
07	KZTC-PRO	SAN DIEGO CA	371.2	APP	USERRECORD-01	

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.
08	NEW	CALEXICO CA	BMJADV	-20100520ADH

Stations Potentially Affecting This Station

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Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	K07ZF	CALEXICO CA	11.8	LIC	BLTVL	-20130122AEJ
08	KAET	PHOENIX AZ	327.9	LIC	BLEDT	-20090612AEF
08	KVPS-LP	INDIO CA	139.8	LIC	BLTVL	-20020122AAB
08	KFMB-TV	SAN DIEGO CA	164.2	LIC	BLCDT	-20100520ACV
09	KECY-TV	EL CENTRO CA	74.0	LIC	BLCDT	-20090723AAO
07	KZTC-PRO	SAN DIEGO CA	141.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KILA-LP	CHERRY VALLEY CA	BDISDV	-20090630AHK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	78.2	LIC	BLCDD	-20110503ACD
07	NEW	NORTH PALM SPRINGS CA	68.0	APP	BNPDVL	-20090825BHP
07	NEW	PALM SPRINGS CA	78.8	APP	BNPDVL	-20090825BGC
08	KVPS-LP	INDIO CA	99.0	LIC	BLTVL	-20020122AAB
08	KVPS-LP	INDIO CA	68.0	APP	BLANK	-0000004165
08	K08IA	NEWBERRY SPRINGS CA	111.5	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	124.9	LIC	BLCDD	-20100520ACV
09	KCAL-TV	LOS ANGELES CA	78.2	LIC	BLCDD	-20090612AIY
07	KZTC-PRO	SAN DIEGO CA	109.7	APP	USERRECORD-01	

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.
08	KILA-LP	CHERRY VALLEY CA	BMPDVL	-20110826ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	78.2	LIC	BLCDD	-20110503ACD
07	NEW	NORTH PALM SPRINGS CA	68.0	APP	BNPDVL	-20090825BHP
07	NEW	PALM SPRINGS CA	78.8	APP	BNPDVL	-20090825BGC
08	KVPS-LP	INDIO CA	99.0	LIC	BLTVL	-20020122AAB
08	KVPS-LP	INDIO CA	68.0	APP	BLANK	-0000004165
08	KFLA-LD	LOS ANGELES CA	78.8	LIC	BLDVL	-20130820AAW
08	KFLA-LD	LOS ANGELES CA	78.9	CP	BPDVL	-20131023AEE
08	K08IA	NEWBERRY SPRINGS CA	111.5	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	124.9	LIC	BLCDD	-20100520ACV
09	KCAL-TV	LOS ANGELES CA	78.2	LIC	BLCDD	-20090612AIY
09	K09XW-D	PALM DESERT, ETC. CA	88.1	LIC	BLDTV	-20120725AFF
07	KZTC-PRO	SAN DIEGO CA	109.7	APP	USERRECORD-01	

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.
08	KVPS-LP	INDIO CA	BLTVL	-20020122AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	NEW	NORTH PALM SPRINGS CA	32.5	APP	BNPDVL	-20090825BHP
07	NEW	PALM SPRINGS CA	20.6	APP	BNPDVL	-20090825BGC
08	KAET	PHOENIX AZ	388.8	LIC	BL EDT	-20090612AEF
08	KILA-LP	CHERRY VALLEY CA	99.0	CP	BDISDVL	-20090630AHK
08	K08IA	NEWBERRY SPRINGS CA	122.1	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	143.3	LIC	BLCDT	-20100520ACV
09	K09XW-D	PALM DESERT, ETC. CA	36.4	LIC	BLDTV	-20120725AFF
07	KZTC-PRO	SAN DIEGO CA	112.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KVPS-LP	INDIO CA	BLANK	-0000004165

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	NEW	NORTH PALM SPRINGS CA	0.0	APP	BNPDVL	-20090825BHP
07	NEW	PALM SPRINGS CA	12.1	APP	BNPDVL	-20090825BGC
08	NEW	CALEXICO CA	167.1	APP	BMJADV	-20100520ADH
08	KILA-LP	CHERRY VALLEY CA	68.0	CP	BDISDVL	-20090630AHK
08	KILA-LP	CHERRY VALLEY CA	68.0	CP MOD	BMPDVL	-20110826ACS
08	K08IA	NEWBERRY SPRINGS CA	101.9	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	137.3	LIC	BLCDT	-20100520ACV
09	K09XW-D	PALM DESERT, ETC. CA	42.6	LIC	BLDTV	-20120725AFF
07	KZTC-PRO	SAN DIEGO CA	109.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KFLA-LD	LOS ANGELES CA	BLDVL	-20130820AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	0.8	LIC	BLCDT	-20110503ACD
08	KKDJ-LP	ARROYO GRANDE CA	207.6	LIC	BLTVL	-20070508AAI
08	KKDJ-LP	ARROYO GRANDE CA	207.6	CP	BDFCDVL	-20090824AGZ
08	KILA-LP	CHERRY VALLEY CA	78.8	CP	BDISDVL	-20090630AHK
08	KILA-LP	CHERRY VALLEY CA	78.8	CP MOD	BMPDVL	-20110826ACS
08	KVPS-LP	INDIO CA	176.8	LIC	BLTVL	-20020122AAB
08	K08IA	NEWBERRY SPRINGS CA	143.9	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	172.7	LIC	BLCDT	-20100520ACV
09	KCAL-TV	LOS ANGELES CA	0.7	LIC	BLCDT	-20090612AIY
07	KZTC-PRO	SAN DIEGO CA	169.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KFLA-LD	LOS ANGELES CA	BPDVL	-20131023AEE

Stations Potentially Affecting This Station

KZTC_custom_ant_170_deg_rcw.txt

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	0.8	LIC	BLCDDT	-20110503ACD
08	KKDJ-LP	ARROYO GRANDE CA	207.6	LIC	BLTVL	-20070508AAI
08	KKDJ-LP	ARROYO GRANDE CA	207.6	CP	BDFCDVL	-20090824AGZ
08	KILA-LP	CHERRY VALLEY CA	78.9	CP	BDISDVL	-20090630AHK
08	KILA-LP	CHERRY VALLEY CA	78.9	CP MOD	BMPDVL	-20110826ACS
08	KVPS-LP	INDIO CA	176.9	LIC	BLTVL	-20020122AAB
08	K08IA	NEWBERRY SPRINGS CA	144.0	LIC	BLTTV	-5051
08	KFMB-TV	SAN DIEGO CA	172.7	LIC	BLCDDT	-20100520ACV
09	KCAL-TV	LOS ANGELES CA	0.8	LIC	BLCDDT	-20090612AIY
07	KZTC-PRO	SAN DIEGO CA	169.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08IA	NEWBERRY SPRINGS CA	BLTTV	-5051

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KILA-LP	CHERRY VALLEY CA	111.5	CP	BDISDVL	-20090630AHK
08	KVPS-LP	INDIO CA	122.1	LIC	BLTVL	-20020122AAB
08	KFMB-TV	SAN DIEGO CA	228.0	LIC	BLCDDT	-20100520ACV
07	KZTC-PRO	SAN DIEGO CA	204.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KFMB-TV	SAN DIEGO CA	BLCDDT	-20100520ACV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KABC-TV	LOS ANGELES CA	171.9	LIC	BLCDDT	-20110503ACD
09	KECY-TV	EL CENTRO CA	227.0	LIC	BLCDDT	-20090723AAO
09	KCAL-TV	LOS ANGELES CA	172.0	LIC	BLCDDT	-20090612AIY
07	KZTC-PRO	SAN DIEGO CA	32.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3

Scenario 1 Affected station 17
Before Analysis

Results for: 8A CA SAN DIEGO BLCDDT 20100520ACV LIC
HAAT 227.0 m, ATV ERP 19.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3448733	28726.9
not affected by terrain losses	3217871	26113.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	49853	52.0
lost to ATV IX only	49853	52.0
lost to all IX	49853	52.0

Potential Interfering Stations Included in above Scenario 1

7A CA LOS ANGELES BLCDDT 20110503ACD LIC

9A CA LOS ANGELES BLCDT KZTC_custom_ant_170_deg_rcw.txt
20090612AIY LIC

After Analysis

Results for: 8A CA SAN DIEGO BLCDT 20100520ACV LIC
HAAT 227.0 m, ATV ERP 19.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3448733	28726.9
not affected by terrain losses	3217871	26113.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	49903	56.0
lost to ATV IX only	49903	56.0
lost to all IX	49903	56.0

Potential Interfering Stations Included in above Scenario 1

7A CA LOS ANGELES	BLCDT	20110503ACD	LIC
9A CA LOS ANGELES	BLCDT	20090612AIY	LIC
7A CA SAN DIEGO	USERRECORD01		APP

Percent new IX = 0.0016%

Worst case new IX 0.0016% Scenario 1

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	KZTC-PRO	SAN DIEGO CA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	K07ZF	CALEXICO CA	153.4	LIC	BLTVL -20130122AEJ
07	KABC-TV	LOS ANGELES CA	169.1	LIC	BLCDT -20110503ACD
07	NEW	NORTH PALM SPRINGS CA	109.2	APP	BNPDVL -20090825BHP
07	NEW	PALM SPRINGS CA	107.6	APP	BNPDVL -20090825BGC
07	KLAS-TV	LAS VEGAS NV	371.2	LIC	BLCDT -20041202ACC
08	KILA-LP	CHERRY VALLEY CA	109.7	CP	BDISDVL -20090630AHK
08	KFMB-TV	SAN DIEGO CA	32.1	LIC	BLCDT -20100520ACV

Total scenarios = 1

Result key: 4

Scenario 1 Affected station 18

Before Analysis

Results for: 7A CA SAN DIEGO USERRECORD01 APP
HAAT 548.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2096146	6186.6
not affected by terrain losses	2089448	5861.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	287104	1304.8
lost to ATV IX only	287104	1304.8
lost to all IX	287104	1304.8

Potential Interfering Stations Included in above Scenario 1

7A CA LOS ANGELES	BLCDT	20110503ACD	LIC
8A CA SAN DIEGO	BLCDT	20100520ACV	LIC

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