

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

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/cdb/pt\_tvdb.sff

### TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-03-2012

Record Selected for Analysis

KYAV-LP USERRECORD-01 PALM SPRINGS CA US  
Channel 12 ERP 0.09 kW HAAT 204. m RCAMSL 00466 m FULL SERVICE MASK  
Latitude 033-51-58 Longitude 0116-26-03  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000064311 Beam tilt N Ref Azimuth 220.  
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	33.0	2.6
45.0	0.006	33.0	7.0
90.0	0.000	158.1	7.8
135.0	0.021	396.9	30.8
180.0	0.068	324.3	35.9
225.0	0.083	313.6	36.8
270.0	0.073	194.7	29.5
315.0	0.011	182.8	19.2

Database HAAT does not agree with computed HAAT  
Database HAAT: 204 Computed HAAT: 205

### Contour Overlap to Proposed Station

Station  
KYAV-LP 12 PALM SPRINGS CA BLTVL20011030AAD

Station inside contour of Digital LPTV station  
KYAV-LP 12 PALM SPRINGS 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

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance  
Distance to border = 141.1km

Proposed station is 2.64km from AM station  
THOUSAND PALMS CA KNWZ Status: L Antenna: DA2  
Proposed station is 2.64km from AM station  
CATHEDRAL CITY CA KPSF Status: Antenna: DA2  
Proposed station is 2.64km from AM station  
CATHEDRAL CITY CA KPSF Status: Antenna: DA2

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
12	KYAV-LP	PALM SPRINGS CA	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	K11OB	BOUSE AZ	219.0	LIC	BLTTV	-5002
11	KYMA-DT	YUMA AZ	174.2	LIC	BLCDT	-20100915ABS
11	KVER-CA	INDIO CA	0.1	CP	BDISDVA	-20090612AIJ
11	K35DG	LA JOLLA CA	136.8	APP	BDISDVA	-20080804AEL
11	KTTV	LOS ANGELES CA	155.2	CP	BPCDT	-20080319ACL
11	KTTV	LOS ANGELES CA	155.2	CP MOD	BMPCDT	-20080616AAK
11	KTTV	LOS ANGELES CA	155.2	LIC	BLCDT	-20100709AFD
11	NEW	PALM SPRINGS CA	0.2	APP	BSFDTL	-20060630BAF
12	K12OF	BULLHEAD CITY AZ	228.0	LIC	BLTTV	-19900523IF
12	K12OF	BULLHEAD CITY AZ	228.0	CP MOD	BMPDTV	-20111025ABW
12	KPNX	MESA AZ	408.9	LIC	BLCDT	-20090618AAM
12	KPNX	MESA AZ	408.9	APP	BPCDT	-20081217AFG
12	KJOI-LP	BAKERSFIELD CA	273.8	CP	BDFCDVL	-20090821ADI
12	KJOI-LP	BAKERSFIELD CA	273.8	LIC	BLTVL	-20080819ABF
12	KTBV-LD	LOS ANGELES CA	183.6	CP	BPDVL	-20110314ACR
12	KTBV-LD	LOS ANGELES CA	183.6	LIC	BLDVL	-20110201ACC
12	K12JI	NEWBERRY SPRINGS CA	109.9	LIC	BLTTV	-5052
12	K12QV	SAN BERNARDINO CA	87.4	APP	BDFCDVL	-20120123ACD
12	K12QV	SAN BERNARDINO CA	71.1	LIC	BLTVL	-20110510ABC
12	K12PO	TEMECULA CA	72.6	LIC	BLTTV	-20040219ACC
12	K12PO	TEMECULA CA	72.6	CP MOD	BMPDVL	-20111116AZX
13	KSWT-DR	YUMA AZ	174.3	APP	BPRM	-20080715AFH
13	KSWT	YUMA AZ	174.3	LIC	BLCDT	-20100421ACO
13	KCOP-TV	LOS ANGELES CA	155.2	LIC	BLCDT	-20100709AFG
13	K13WJ	MORONGO VALLEY CA	24.4	APP	BDFCDTV	-20120109ACV
13	K13WJ	MORONGO VALLEY CA	24.4	LIC	BLTTV	-19950929IM

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### Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	K11OB	BOUSE AZ	BLTTV	-5002

### 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 2

Analysis of current record

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

Channel	Call	City/State	Application	Ref. No.
11	KYMA-DT	YUMA AZ	BLCDT	-20100915ABS

Stations Potentially Affecting This Station

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.
11	KVER-CA	INDIO CA	BDISDVA	-20090612AIJ

Stations Potentially Affecting This Station

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.
11	K35DG	LA JOLLA CA	BDISDVA	-20080804AEL

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	KTTV	LOS ANGELES CA	BPCDT	-20080319ACL

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.
11	KTTV	LOS ANGELES CA	BMPCDT	-20080616AAK

Stations Potentially Affecting This Station

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.
11	KTTV	LOS ANGELES CA	BLCDT	-20100709AFD

Stations Potentially Affecting This Station

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

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.
11	NEW	PALM SPRINGS CA	BSFDTL -20060630BAF

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.
12	K12OF	BULLHEAD CITY AZ	BLTTV -19900523IF

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12OF	BULLHEAD CITY AZ	BMPDTV -20111025ABW

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.
12	KPNX	MESA AZ	BLCDT -20090618AAM

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.
12	KPNX	MESA AZ	BPCDT -20081217AFG

Stations Potentially Affecting This Station

Proposal causes no interference

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## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

### Analysis of Interference to Affected Station 13

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KJOI-LP	BAKERSFIELD CA	BDFCDVL	-20090821ADI

#### Stations Potentially Affecting This Station

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.
12	KJOI-LP	BAKERSFIELD CA	BLTVL	-20080819ABF

#### 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	Call	City/State	Application	Ref. No.
12	KTBV-LD	LOS ANGELES CA	BPDVL	-20110314ACR

#### Stations Potentially Affecting This Station

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.
12	KTBV-LD	LOS ANGELES CA	BLDVL	-20110201ACC

#### 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.
12	K12JI	NEWBERRY SPRINGS CA	BLTTV	-5052

#### Stations Potentially Affecting This Station

Proposal causes no interference

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### Analysis of Interference to Affected Station 18

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12QV	SAN BERNARDINO CA	BDFCDVL -20120123ACD

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12QV	SAN BERNARDINO CA	BLTVL -20110510ABC

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.
12	K12PO	TEMECULA CA	BLTTV -20040219ACC

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	K12PO	TEMECULA CA	BMPDVL -20111116AZX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	KVER-CA	INDIO CA	72.7	CP	BDISDVA -20090612AIJ
11	K35DG	LA JOLLA CA	84.2	APP	BDISDVA -20080804AEL
11	KTTV	LOS ANGELES CA	109.8	CP	BPCDT -20080319ACL
11	KTTV	LOS ANGELES CA	109.8	CP MOD	BMPCDT -20080616AAK
11	KTTV	LOS ANGELES CA	109.9	LIC	BLCDT -20100709AFD
11	NEW	PALM SPRINGS CA	72.8	APP	BSFDTL -20060630BAF
12	KTBV-LD	LOS ANGELES CA	140.1	CP	BPDVL -20110314ACR
12	KTBV-LD	LOS ANGELES CA	140.1	LIC	BLDVL -20110201ACC
12	KYAV-LP	PALM SPRINGS CA	72.6	LIC	BLTVL -20011030AAD
12	K12QV	SAN BERNARDINO CA	64.8	APP	BDFCDVL -20120123ACD
12	K12QV	SAN BERNARDINO CA	66.6	LIC	BLTVL -20110510ABC
13	KCOP-TV	LOS ANGELES CA	109.9	LIC	BLCDT -20100709AFG
13	K13WJ	MORONGO VALLEY CA	76.5	APP	BDFCDTV -20120109ACV
12	KYAV-LP	PALM SPRINGS CA	72.6	APP	USERRECORD-01

Total scenarios = 9

Result key:

1

Scenario 1 Affected station  
Before Analysis

21

Results for: 12A CA TEMECULA

BMPDVL 20111116AZX CP

HAAT 165.0 m, ATV ERP 3.0 kW

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

	POPULATION	AREA (sq km)
within Noise Limited Contour	476926	3698.1
not affected by terrain losses	471006	3460.3
lost to NTSC IX	2753	21.8
lost to additional IX by ATV	2058	41.6
lost to ATV IX only	2401	42.6
lost to all IX	4811	63.4

Potential Interfering Stations Included in above Scenario 1

12N CA SAN BERNARDINO	BLTVL	20110510ABC	LIC
11A CA LOS ANGELES	BPCDT	20080319ACL	CP
12A CA LOS ANGELES	BPDVL	20110314ACR	CP
13A CA LOS ANGELES	BLCDT	20100709AFG	LIC

After Analysis

Results for: 12A CA TEMECULA BMPDVL 20111116AZX CP  
HAAT 165.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	476926	3698.1
not affected by terrain losses	471006	3460.3
lost to NTSC IX	2753	21.8
lost to additional IX by ATV	2058	41.6
lost to ATV IX only	2412	43.6
lost to all IX	4811	63.4

Potential Interfering Stations Included in above Scenario 1

12N CA SAN BERNARDINO	BLTVL	20110510ABC	LIC
11A CA LOS ANGELES	BPCDT	20080319ACL	CP
12A CA LOS ANGELES	BPDVL	20110314ACR	CP
13A CA LOS ANGELES	BLCDT	20100709AFG	LIC
12A CA PALM SPRINGS	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 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KSWT-DR	YUMA AZ	BPRM	-20080715AFH

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KSWT	YUMA AZ	BLCDT	-20100421ACO

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

## OET-69 Interference Analysis (KYAV-LD, Palm Springs, CA, Ch. 12)(Summary Results)

Channel	Call	City/State	Application	Ref. No.
13	KCOP-TV	LOS ANGELES CA	BLCDT	-20100709AFG

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	K13WJ	MORONGO VALLEY CA	BDFCDTV	-20120109ACV

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	K13WJ	MORONGO VALLEY CA	BLTTV	-19950929IM

Stations Potentially Affecting This Station

Proposal causes no interference

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