

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(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
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-22-2011

Record Selected for Analysis

K48AY BMPD TT -20111221AFE KINGMAN AZ US
Channel 48 ERP 1.14 kW HAAT 1356 m RCAMSL 02561 m STRINGENT MASK
Latitude 035-04-53 Longitude 0113-54-14
Status APP Zone Border M Site number: 01
Dir Antenna Make CDB Model 00000000023503 Beam tilt Y Ref Azimuth 0.0
Last update 00000000 Cutoff date 20111221 Docket
Comments
Applicant MOHAVE COUNTY BOARD OF SUPERVISORS

NOTE: THE ELEVATION PATTERN FOR THE SL-8 ANTENNA, WITH AN ELECTRICAL BEAM TILT OF 1.75° AND A MECHANICAL BEAM TILT OF 3.00° AT 250°TRUE, IS EMPLOYED IN THIS STUDY. THE FULL ELEVATION PATTERN WITH ELEVATION DATA PROVIDED AT EVERY 10° OF AZIMUTH WAS UPLOADED TO THE FCC ELECTRONIC FILING SYSTEM. THIS PATTERN FULLY DESCRIBES THE ELECTRICAL AND MECHANICAL BEAM TILT OF THE SUBJECT ANTENNA SYSTEM.

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	1.096	1088.5	58.712
45.0	0.641	893.9	52.330
90.0	0.296	1101.6	50.388
135.0	0.471	1057.3	52.808
180.0	0.491	739.0	48.009
225.0	0.250	1196.1	50.422
270.0	0.285	1355.6	53.060
315.0	0.804	1261.3	58.834

Database HAAT does not agree with computed HAAT
Database HAAT: 1356 Computed HAAT: 1087

Contour Overlap to Proposed Station

Station
K48AY 48 KINGMAN AZ BLTT19890216ID
Station inside contour of Digital LPTV station
K48AY 48 KINGMAN AZ BMPD TT 20111221AFE
Station
K49EU 49 CHLORIDE AZ BLTT20010829AAC
Station inside contour of Digital LPTV station
K48AY 48 KINGMAN AZ BMPD TT 20111221AFE
Station
K49GE 49 KINGMAN AZ BLTT20020603AAN
Station inside contour of Digital LPTV station
K48AY 48 KINGMAN AZ BMPD TT 20111221AFE

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

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 = 273.2km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station	ARN
48	Call City/State K48AY KINGMAN AZ	BMPD TT 20111221AFE

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	K34EF	KINGMAN AZ	0.0	LIC	BLTT	-19941202JB
41	K41BZ	DOLAN SPRINGS AZ	65.0	LIC	BLTT	-19890523ID
41	K41FT	KINGMAN AZ	0.0	LIC	BLTT	-20020726AAX
44	K44DK	KINGMAN AZ	0.0	LIC	BLTT	-19910206JE
45	KLHU-CA	LAKE HAVASU CITY AZ	68.1	LIC	BLTTA	-20020326ABF
46	K46CG	GOLDEN VALLEY AZ	32.6	LIC	BLTT	-19881216IB
46	K46GI	LAKE HAVASU CITY AZ	68.1	LIC	BLTT	-20020726AAY
47	K47IK	CAMP VERDE AZ	197.5	LIC	BLTT	-20030822ADJ
47	K47HE	MEADVIEW AZ	88.6	LIC	BLTT	-20040521AAR
47	K47HE	MEADVIEW AZ	88.6	CP MOD	BMPD TT	-20111025ADG
47	K47GQ	PARKS, ETC. AZ	155.0	LIC	BLTT	-20030305AAF
47	K47GQ	PARKS, ETC. AZ	155.0	CP	BDFCD TT	-20110315ABW
47	K47DJ	PRESCOTT AZ	141.3	APP	BSTA	-20111121CSH
47	K47DJ	PRESCOTT AZ	141.3	LIC	BLTT	-19910129ID
47	KDFQ-LP	PRESCOTT AZ	168.8	LIC	BLTT	-20061012ACB
47	K47DJ	PRESCOTT AZ	141.3	CP	BDFCD TT	-20090824AGT
47	KGNG-LP	LAS VEGAS NV	140.8	LIC	BLTTL	-19970227JE
47	KNTL-LP	LAUGHLIN NV	78.5	LIC	BLTTL	-19980225JF
48	K48GI	FLAGSTAFF AZ	209.1	CP	BDFCD TT	-20090804ACP
48	K48GI	FLAGSTAFF AZ	209.1	LIC	BLTT	-20030917AEP
48	K48NH-D	GLOBE AZ	339.3	LIC	BLD TT	-20110816AAE
48	KDPH-LP	PHOENIX AZ	257.7	LIC	BLTTA	-20030617AAL
48	NEW	SENTINEL AZ	255.0	APP	BNPDTL	-20100510AAV
48	K48GX	TUCSON AZ	406.9	LIC	BLTTL	-20030418ABD
48	K48IP	DAGGETT CA	273.3	LIC	BLTT	-20041213ABH
48	K48NG-D	EL CENTRO CA	240.8	CP	BNPDTL	-20090825BFU
48	KOCE-TV	HUNTINGTON BEACH CA	392.2	LIC	BLEDT	-20041117ADG
48	KHTV-LP	INLAND EMPIRE CA	392.2	LIC	BLTTL	-20010507AAM
48	K48AD	LUCERNE VALLEY CA	280.2	LIC	BLTT	-2100
48	K48EM	MORONGO VALLEY CA	266.8	LIC	BLTT	-19950310IE
48	K48NJ-D	NEEDLES CA	70.2	CP	BNPDTL	-20090826ACF
48	NEW	PALM SPRINGS CA	268.1	APP	BNPDTL	-20090825BUA
48	NEW	PALM SPRINGS CA	268.1	APP	BNPDTL	-20090825ANU
48	KUAN-LP	POWAY CA	364.5	APP	BDFCD TL	-20100604AEP
48	KUAN-LP	POWAY, ETC. CA	364.5	LIC	BLTT	-19810504IH
48	NEW	LIVINGSTON MT	313.5	APP	BNPDTT	-20100125AAC
48	KGNG-LD	LAS VEGAS NV	140.8	LIC	BLD TL	-20090820ACB
48	K48ID	OVERTON NV	186.4	LIC	BLTT	-20060324ABW
48	K48ID	OVERTON NV	186.7	CP	BDFCD TT	-20111110AJR
48	K48KR-D	BEAVER, ETC. UT	391.2	LIC	BLD TT	-20090624ACK
48	K48LT-D	BERYL, NEW CASTLE, M UT	292.0	LIC	BLD TT	-20110729ALE
48	K48KN-D	KANARRAVILLE UT	274.7	LIC	BLD TT	-20090728AEZ
48	K48EK-D	LONG VALLEY JUNCTION UT	297.1	LIC	BLD TT	-20071217AAM
48	K48FJ-D	PAROWAN, ENOCH, ETC. UT	317.9	LIC	BLD TT	-20090612ACP
48	K48JD-D	SANTA CLARA UT	230.4	LIC	BLD TT	-20110722AEF
49	K49HP	CAMP VERDE, ETC. AZ	197.5	LIC	BLTT	-20030930API
49	K49EU	CHLORIDE AZ	42.6	CP MOD	BMPD TT	-20111025ACD
49	K49EU	CHLORIDE AZ	42.6	LIC	BLTT	-20010829AAC
49	K49GE	KINGMAN AZ	0.0	CP MOD	BMPD TT	-20111025AAM
49	K49GE	KINGMAN AZ	0.0	LIC	BLTT	-20020603AAN

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

49	K49LZ-D	LAKE HAVASU CITY AZ	68.1	CP	BNPDTL	-20090826ABW
49	KJPO-LD	PARKER AZ	149.6	LIC	BLDTL	-20110926ADZ
49	KJPO-LD	PARKER AZ	128.2	APP	BPTTL	-20090415AIS
49	K49KI	PRESCOTT AZ	132.1	CP	BNPTTL	-20000831EIK
49	K49AB	PAHRUMP NV	173.8	LIC	BLTT	-20030512ADK
50	K50CY	KINGMAN AZ	0.0	LIC	BLTT	-19910206JD
51	K51IO	BULLHEAD CITY AZ	78.5	LIC	BLTT	-20060421AAJ
55	K55DB	PRESCOTT, ETC. AZ	141.3	LIC	BLTT	-19820106JT

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	K34EF	KINGMAN AZ	BLTT -19941202JB

Stations Potentially Affecting This Station

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.
41	K41BZ	DOLAN SPRINGS AZ	BLTT -19890523ID

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 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	K41FT	KINGMAN AZ	BLTT -20020726AAX

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.
44	K44DK	KINGMAN AZ	BLTT -19910206JE

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.
45	KLHU-CA	LAKE HAVASU CITY AZ	BLTTA -20020326ABF

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K46CG	GOLDEN VALLEY AZ	BLTT	-19881216IB

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.
46	K46GI	LAKE HAVASU CITY AZ	BLTT	-20020726AAY

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.
47	K47IK	CAMP VERDE AZ	BLTT	-20030822ADJ

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 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47HE	MEADVIEW AZ	BLTT	-20040521AAR

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.
47	K47HE	MEADVIEW AZ	BMPD TT	-20111025ADG

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.
47	K47GQ	PARKS, ETC. AZ	BLTT	-20030305AAF

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47GQ	PARKS, ETC. AZ	BDFCDTT -20110315ABW

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 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47DJ	PRESCOTT AZ	BSTA -20111121CSH

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 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47DJ	PRESCOTT AZ	BLTT -19910129ID

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 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KDFQ-LP	PRESCOTT AZ	BLTT -20061012ACB

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 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47DJ	PRESCOTT AZ	BDFCDTT -20090824AGT

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.
47	KGNG-LP	LAS VEGAS NV	BLTTL -19970227JE

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

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.
47	KNTL-LP	LAUGHLIN NV	BLTTL	-19980225JF

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.
48	K48GI	FLAGSTAFF AZ	BDFCDTT	-20090804ACP

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.
48	K48GI	FLAGSTAFF AZ	BLTT	-20030917AEP

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.
48	K48NH-D	GLOBE AZ	BLDTT	-20110816AAE

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KDPH-LP	PHOENIX AZ	BLTTA	-20030617AAL

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.
48	NEW	SENTINEL AZ	BNPDTL	-20100510AAV

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48GX	TUCSON AZ	BLTTL	-20030418ABD

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.
48	K48IP	DAGGETT CA	BLTT	-20041213ABH

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.
48	K48NG-D	EL CENTRO CA	BNPDTL	-20090825BFU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	NEW	WELLTON AZ	86.1	APP	BNPDTL	-20100510AAN
48	K48AY	KINGMAN AZ	240.8	APP	BMPDPT	-20111221AFE
48	K48AY	KINGMAN AZ	240.8	LIC	BLTT	-19890216ID
48	KDPH-LP	PHOENIX AZ	259.3	LIC	BLTTA	-20030617AAL
48	NEW	SENTINEL AZ	152.7	APP	BNPDTL	-20100510AAV
48	KOCE-TV	HUNTINGTON BEACH CA	326.6	LIC	BLEDT	-20041117ADG
48	KHTV-LP	INLAND EMPIRE CA	325.6	LIC	BLTTL	-20010507AAM
48	K48EM	MORONGO VALLEY CA	194.6	LIC	BLTT	-19950310IE
48	K48NJ-D	NEDDLES CA	198.1	CP	BNPDTL	-20090826ACF
48	NEW	PALM SPRINGS CA	174.0	APP	BNPDTL	-20090825BUA
48	NEW	PALM SPRINGS CA	174.0	APP	BNPDTL	-20090825ANU
48	KUAN-LP	POWAY CA	199.7	APP	BDFCDTL	-20100604AEP
48	KUAN-LP	POWAY, ETC. CA	199.7	LIC	BLTT	-19810504IH
49	K49BX	MARTINEZ LAKE AZ	38.8	LIC	BLTT	-19880729IS
49	NEW	HOLTVILLE CA	52.7	APP	BNPDTL	-20100510AAF

Total scenarios = 16

Result key:

16

Scenario 16 Affected station

26

Before Analysis

Results for: 48A CA EL CENTRO BNPDTL 20090825BFU CP

HAAT 522.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	146926	11281.7
not affected by terrain losses	145491	10742.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27	19.9
lost to ATV IX only	27	19.9
lost to all IX	27	19.9

Potential Interfering Stations Included in above Scenario 16

49A CA HOLTVILLE BNPDTL 20100510AAF APP

After Analysis

Results for: 48A CA EL CENTRO BNPDTL 20090825BFU CP

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

HAAT 522.0 m, ATV ERP 15.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	146926	11281.7
not affected by terrain losses	145491	10742.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31	54.9
lost to ATV IX only	31	54.9
lost to all IX	31	54.9

Potential Interfering Stations Included in above Scenario 16

49A CA HOLTVILLE	BNPDTL	20100510AAF	APP
48A AZ KINGMAN	BMPDIT	20111221AFE	APP

Percent new IX = 0.0027%

Worst case new IX 0.0027% Scenario 16

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	KOCE-TV	HUNTINGTON BEACH CA	BLTDT -20041117ADG

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	KHTV-LP	INLAND EMPIRE CA	BLTTL -20010507AAM

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 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	K48AD	LUCERNE VALLEY CA	BLTT -2100

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	K48EM	MORONGO VALLEY CA	BLTT -19950310IE

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.
48	K48NJ-D	NEEDLES CA	BNPDTL -20090826ACF

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KNTL-LP	LAUGHLIN NV	48.3	LIC	BLTTL	-19980225JF
48	K48AY	KINGMAN AZ	70.2	APP	BMPDPTT	-20111221AFE
48	K48AY	KINGMAN AZ	70.2	LIC	BLTT	-19890216ID
48	KDPH-LP	PHOENIX AZ	287.6	LIC	BLTTA	-20030617AAL
48	K48NG-D	EL CENTRO CA	198.1	CP	BNPDTL	-20090825BFU
48	KOCE-TV	HUNTINGTON BEACH CA	323.4	LIC	BLEDT	-20041117ADG
48	KHTV-LP	INLAND EMPIRE CA	323.3	LIC	BLTTL	-20010507AAM
48	NEW	PALM SPRINGS CA	198.4	APP	BNPDTL	-20090825BUA
48	KGNL-LD	LAS VEGAS NV	130.2	LIC	BLDTL	-20090820ACB
49	K49GE	KINGMAN AZ	70.2	CP MOD	BMPDPTT	-20111025AAM
49	K49LZ-D	LAKE HAVASU CITY AZ	33.4	CP	BNPDTL	-20090826ABW

Total scenarios = 1

Result key: 17
Scenario 1 Affected station 31
Before Analysis

Results for: 48A CA NEEDLES BNPDTL 20090826ACF CP
HAAT 74.0 m, ATV ERP 11.4 kW
POPULATION AREA (sq km)
within Noise Limited Contour 8272 907.5
not affected by terrain losses 7891 771.6
lost to NTSC IX 23 23.5
lost to additional IX by ATV 0 0.0
lost to ATV IX only 0 0.0
lost to all IX 23 23.5

Potential Interfering Stations Included in above Scenario 1

48N AZ KINGMAN BLTT 19890216ID LIC

After Analysis

Results for: 48A CA NEEDLES BNPDTL 20090826ACF CP
HAAT 74.0 m, ATV ERP 11.4 kW
POPULATION AREA (sq km)
within Noise Limited Contour 8272 907.5
not affected by terrain losses 7891 771.6
lost to NTSC IX 0 0.0
lost to additional IX by ATV 23 27.4
lost to ATV IX only 23 27.4
lost to all IX 23 27.4

Potential Interfering Stations Included in above Scenario 1

48A AZ KINGMAN BMPDPTT 20111221AFE APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	NEW	PALM SPRINGS CA	BNPDTL	-20090825BUA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KIJR-LP	LUCERNE VALLEY CA	0.2	LIC	BLTTL	-20050916ACW
47	KIJR-LP	LUCERNE VALLEY CA	0.2	CP	BDFCDTL	-20100702CYU
47	K47IB	TWENTYNINE PALMS,ETC CA	49.7	LIC	BLTT	-20050801BMB
48	K48AY	KINGMAN AZ	268.1	APP	BMPDPTT	-20111221AFE
48	NEW	CALIENTE CA	230.6	APP	BMJADTL	-20100524AGT
48	K48IP	DAGGETT CA	120.8	LIC	BLTT	-20041213ABH
48	K48NG-D	EL CENTRO CA	174.0	CP	BNPDTL	-20090825BFU
48	KOCE-TV	HUNTINGTON BEACH CA	155.6	LIC	BLEDT	-20041117ADG
48	KHTV-LP	INLAND EMPIRE CA	154.8	LIC	BLTTL	-20010507AAM
48	K48AD	LUCERNE VALLEY CA	77.9	LIC	BLTT	-2100
48	K48EM	MORONGO VALLEY CA	24.3	LIC	BLTT	-19950310IE
48	K48NJ-D	NEEDLES CA	198.4	CP	BNPDTL	-20090826ACF
48	NEW	PALM SPRINGS CA	0.0	APP	BNPDTL	-20090825ANU
48	KTFF-DT	PORTERVILLE CA	346.7	LIC	BLCDT	-20020920ADD

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

48	KUAN-LP	POWAY CA	107.7	APP	BDFCDTL	-20100604AEP
48	KUAN-LP	POWAY, ETC. CA	107.7	LIC	BLTT	-19810504IH
48	KGNG-LD	LAS VEGAS NV	263.4	LIC	BLDTL	-20090820ACB
49	NEW	DESERT CENTER CA	70.0	APP	BNPDTL	-20100514ACQ
49	K49HV	MARTINEZ CA	20.6	APP	BDFCDTL	-20111130ENQ
49	K49HV	MARTINEZ CA	20.6	LIC	BLTTL	-20070313AAZ
49	K49DC	TWENTYNINE PALMS,ETC CA	49.7	LIC	BLTT	-19910401IC
49	NEW	VICTORVILLE CA	113.9	APP	BNPDTL	-20100623AKU

Total scenarios = 5

Result key: 19
Scenario 2 Affected station 32
Before Analysis

Results for: 48A CA PALM SPRINGS BNPDTL 20090825BUA APP
HAAT 438.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	488706	7855.5
not affected by terrain losses	353888	5678.3
lost to NTSC IX	9443	80.1
lost to additional IX by ATV	284317	1802.5
lost to ATV IX only	293516	1840.0
lost to all IX	293760	1882.5

Potential Interfering Stations Included in above Scenario 2

48N CA INLAND EMPIRE	BLTTL	20010507AAM	LIC
48N CA MORONGO VALLEY	BLTT	19950310IE	LIC
48A CA HUNTINGTON BEACH	BLEDT	20041117ADG	LIC
48A CA PALM SPRINGS	BNPDTL	20090825ANU	APP
49A CA MARTINEZ	BDFCDTL	20111130ENQ	APP

After Analysis

Results for: 48A CA PALM SPRINGS BNPDTL 20090825BUA APP
HAAT 438.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	488706	7855.5
not affected by terrain losses	353888	5678.3
lost to NTSC IX	9443	80.1
lost to additional IX by ATV	284320	1803.4
lost to ATV IX only	293519	1842.0
lost to all IX	293763	1883.5

Potential Interfering Stations Included in above Scenario 2

48N CA INLAND EMPIRE	BLTTL	20010507AAM	LIC
48N CA MORONGO VALLEY	BLTT	19950310IE	LIC
48A CA HUNTINGTON BEACH	BLEDT	20041117ADG	LIC
48A CA PALM SPRINGS	BNPDTL	20090825ANU	APP
49A CA MARTINEZ	BDFCDTL	20111130ENQ	APP
48A AZ KINGMAN	BMPDTT	20111221AFE	APP

Percent new IX = 0.0050%

Worst case new IX 0.0050% Scenario 2

#####

Analysis of Interference to Affected Station 33

Analysis of current record
Channel Call City/State Application Ref. No.
48 NEW PALM SPRINGS CA BNPDTL -20090825ANU

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 34

Analysis of current record
Channel Call City/State Application Ref. No.
48 KUAN-LP POWAY CA BDFCDTL -20100604AEP

Stations Potentially Affecting This Station

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Proposal causes no interference

#####

Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KUAN-LP	POWAY, ETC. CA	BLTT	-19810504IH

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	NEW	LIVINGSTON MT	BNPDTT	-20100125AAC

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 37

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KGNG-LD	LAS VEGAS NV	BLDTL	-20090820ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	K47HE	MEADVIEW AZ	85.7	CP MOD	BMPDPTT	-20111025ADG
47	KGNG-LP	LAS VEGAS NV	0.0	LIC	BLTTL	-19970227JE
47	KNTL-LP	LAUGHLIN NV	82.0	LIC	BLTTL	-19980225JF
48	K48AY	KINGMAN AZ	140.8	APP	BMPDPTT	-20111221AFE
48	K48AY	KINGMAN AZ	140.8	LIC	BLTT	-19890216ID
48	KOCE-TV	HUNTINGTON BEACH CA	334.8	LIC	BLEDT	-20041117ADG
48	KHTV-LP	INLAND EMPIRE CA	335.3	LIC	BLTTL	-20010507AAM
48	K48NJ-D	NEDDLES CA	130.2	CP	BNPDTL	-20090826ACF
48	NEW	PALM SPRINGS CA	263.4	APP	BNPDTL	-20090825BUA
48	KTFF-DT	PORTERVILLE CA	342.9	LIC	BLCDT	-20020920ADD
48	K48ID	OVERTON NV	94.1	LIC	BLTT	-20060324ABW
48	K48ID	OVERTON NV	94.7	CP	BDFCDTT	-20111110AJR
48	K48JD-D	SANTA CLARA UT	170.9	LIC	BLDTT	-20110722AEF
49	K49AB	PAHRUMP NV	40.8	LIC	BLTT	-20030512ADK

Total scenarios = 1

Result key: 23

Scenario 1 Affected station 37

Before Analysis

Results for: 48A NV LAS VEGAS BLDTL 20090820ACB LIC
HAAT 708.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1345997	10333.2
not affected by terrain losses	1342047	7690.4
lost to NTSC IX	8835	91.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	8835	91.8

Potential Interfering Stations Included in above Scenario 1

48N AZ KINGMAN BLTT 19890216ID LIC

After Analysis

Results for: 48A NV LAS VEGAS BLDTL 20090820ACB LIC
HAAT 708.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
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OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

within Noise Limited Contour	1345997	10333.2
not affected by terrain losses	1342047	7690.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9244	127.3
lost to ATV IX only	9244	127.3
lost to all IX	9244	127.3

Potential Interfering Stations Included in above Scenario 1

48A AZ KINGMAN BMPD TT 20111221AFE APP

Percent new IX = 0.0307%

Worst case new IX 0.0307% Scenario 1

#####

Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48ID	OVERTON NV	BLTT	-20060324ABW

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48ID	OVERTON NV	BDFCD TT	-20111110AJR

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48KR-D	BEAVER, ETC. UT	BLDTT	-20090624ACK

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48LT-D	BERYL, NEW CASTLE, M UT	BLDTT	-20110729ALE

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 42

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48KN-D	KANARRAVILLE UT	BLDTT	-20090728AEZ

Stations Potentially Affecting This Station

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Proposal causes no interference

#####

Analysis of Interference to Affected Station 43

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48EK-D	LONG VALLEY JUNCTION UT	BLDTT	-20071217AAM

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 44

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48FJ-D	PAROWAN, ENOCH, ETC. UT	BLDTT	-20090612ACP

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 45

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48JD-D	SANTA CLARA UT	BLDTT	-20110722AEF

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 46

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49HP	CAMP VERDE, ETC. AZ	BLTT	-20030930API

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 47

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49EU	CHLORIDE AZ	BMPDTT	-20111025ACD

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 48

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49EU	CHLORIDE AZ	BLTT	-20010829AAC

Stations Potentially Affecting This Station

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Proposal causes no interference

#####

Analysis of Interference to Affected Station 49

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49GE	KINGMAN AZ	BMPDTT	-20111025AAM

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 50

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49GE	KINGMAN AZ	BLTT	-20020603AAN

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 51

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49LZ-D	LAKE HAVASU CITY AZ	BNPDTL	-20090826ABW

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 52

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KJPO-LD	PARKER AZ	BLDTL	-20110926ADZ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 53

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KJPO-LD	PARKER AZ	BPTTL	-20090415AIS

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 54

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49KI	PRESCOTT AZ	BNPTTL	-20000831EIK

OET-69 Interference Analysis (K48AY-D, Kingman, AZ, Ch. 48)(Summary Results)

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 55

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49AB	PAHRUMP NV	BLTT	-20030512ADK

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 56

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50CY	KINGMAN AZ	BLTT	-19910206JD

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 57

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K51IO	BULLHEAD CITY AZ	BLTT	-20060421AAJ

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 58

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
55	K55DB	PRESCOTT, ETC. AZ	BLTT	-19820106JT

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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