

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-30-2009

Record Selected for Analysis

K09KG USERRECORD-01 BULLHEAD CITY AZ US
Channel 08 ERP 0.002 kW HAAT 32. m RCAMSL 00323 m STRINGENT MASK
Latitude 035-12-46 Longitude 0114-33-18
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000020773 Beam tilt N Ref Azimuth 170.
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

Facility meets maximum power limit

| Azimuth (Deg) | ERP (kW) | HAAT (m) | 48.0 dBu F(50,90) (km) |
|------------------|-------------|-------------|---------------------------|
| 0.0 | 0.000 | 33.0 | 2.6 |
| 45.0 | 0.000 | 33.0 | 2.5 |
| 90.0 | 0.000 | 33.0 | 2.5 |
| 135.0 | 0.001 | 33.0 | 4.5 |
| 180.0 | 0.002 | 44.7 | 6.1 |
| 225.0 | 0.000 | 33.0 | 3.4 |
| 270.0 | 0.000 | 33.0 | 2.5 |
| 315.0 | 0.000 | 33.0 | 2.5 |

Contour Overlap to Proposed Station

Station
K07YJ 7 BULLHEAD CITY AZ BLTTV20060525AAZ

Station inside contour of Digital LPTV station
K09KG 8 BULLHEAD CITY AZ USERRECORD01

Station
K09KG 9 BULLHEAD CITY AZ BLTTV3790

Station inside contour of Digital LPTV station
K09KG 8 BULLHEAD CITY AZ USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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 = 277.7km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

| Channel | Proposed Station Call City/State | ARN |
|---------|-------------------------------------|--------------|
| 08 | K09KG BULLHEAD CITY AZ | USERRECORD01 |

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------------|----------|--------|-------------|--------------|
| 07 | K07YJ | BULLHEAD CITY AZ | 0.0 | LIC | BLTTV | -20060525AAZ |
| 07 | K07YJ | BULLHEAD CITY AZ | 0.0 | APP | BDFCDTV | -20090824AHY |
| 07 | K07JC | INDIAN SPRINGS NV | 181.5 | LIC | BLTTV | -20090604AAZ |
| 07 | KLAS-TV | LAS VEGAS NV | 92.6 | LIC | BLCDDT | -20041202ACC |
| 07 | WEYS-LP | OVERTON, ETC. NV | 163.3 | LIC | BLTT | -3459 |
| 08 | K08OP | PARKER AZ | 106.3 | CP | BNPTVL | -20000831AQT |
| 08 | KAET | PHOENIX AZ | 309.8 | CP MOD | BMPEDT | -20090408AQO |
| 08 | NEW | SEDONA AZ | 255.1 | APP | BNPTVL | -20000816AAL |
| 08 | K08MM | BAKERSFIELD CA | 409.0 | LIC | BLTVA | -20051011ADH |
| 08 | NEW | CALIENTE CA | 352.0 | APP | BNPTVL | -20000831CCA |
| 08 | KILA-LP | CHERRY VALLEY CA | 285.5 | APP | BDISDVL | -20090630AHK |
| 08 | KFAZ-CA | FRESNO CA | 404.4 | CP | BDFCDVA | -20080801ANV |
| 08 | KVPS-LP | INDIO CA | 228.1 | CP | BPTVL | -20080908AAL |
| 08 | KVPS-LP | INDIO CA | 219.0 | LIC | BLTVL | -20020122AAB |
| 08 | KFLA-LD | LOS ANGELES CA | 339.0 | LIC | BLDVL | -20071001AAC |
| 08 | K08IA | NEWBERRY SPRINGS CA | 197.9 | LIC | BLTTV | -5051 |
| 08 | NEW | SAN BERNARDINO CA | 242.9 | APP | BNPTVL | -20000828BEM |
| 08 | KFMB-TV | SAN DIEGO CA | 362.3 | CP | BPCDT | -20090709ACW |
| 08 | KFAZ-CA | VISALIA CA | 404.4 | LIC | BLTVA | -20030424ABP |
| 08 | K08OH-D | ALAMO, ETC. NV | 245.1 | CP | BDCCDTV | -20061023AAX |
| 08 | K08II | BOULDER UT | 409.2 | LIC | BLTTV | -4467 |
| 08 | K08MZ-D | CEDAR CANYON UT | 305.7 | LIC | BLDTV | -20090728ABL |
| 08 | K08OE-D | CEDAR CITY UT | 302.1 | LIC | BLDTV | -20081202AHV |
| 08 | K08OG-D | HILDALE, ETC. (AZ) UT | 231.6 | CP | BDCCDTV | -20061030ADX |
| 08 | K08CE | KANARRAVILLE UT | 280.3 | LIC | BLTTV | -20061228AAL |
| 08 | NEW | MARYSVALE UT | 404.3 | APP | BNPDVL | -20090828ADT |
| 08 | K08EN-D | PINE VALLEY, ETC. UT | 285.5 | LIC | BLDTV | -20090406AEZ |
| 08 | K08BO-D | VIRGIN UT | 254.8 | LIC | BLDTV | -20090406AFJ |
| 09 | K09KG | BULLHEAD CITY AZ | 0.0 | APP | BDFCDTV | -20090824AIC |
| 09 | K09KG | BULLHEAD CITY AZ | 0.0 | LIC | BLTTV | -3790 |
| 09 | K09KV | PRESCOTT AZ | 200.8 | LIC | BLTTV | -4115 |
| 09 | K09XW | PALM DESERT, ETC. CA | 213.7 | CP | BPTTV | -20060331BIK |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | APP | BPCDT | -20080619AGH |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | LIC | BLCDDT | -20021120ABN |
| 09 | K09IT | OVERTON, ETC. NV | 163.3 | LIC | BLTTV | -3460 |

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|------------------|-------------|--------------|
| 07 | K07YJ | BULLHEAD CITY AZ | BLTTV | -20060525AAZ |

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. |
|---------|-------|------------------|-------------|--------------|
| 07 | K07YJ | BULLHEAD CITY AZ | BDFCDTV | -20090824AHY |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------------|----------|--------|---------------|--------------|
| 07 | KAZT-TV | PRESCOTT AZ | 229.7 | CP | BPCDT | -20080313ACU |
| 07 | KAZT-TV | PRESCOTT AZ | 229.7 | PLN | DTVPLN | -DTVP0046 |
| 07 | K08MM | BAKERSFIELD CA | 380.3 | APP | BDISDVA | -20090729ACY |
| 07 | KABC-TV | LOS ANGELES CA | 338.9 | APP | BMPCDT | -20090330AFV |
| 07 | KABC-TV | LOS ANGELES CA | 338.9 | PLN | DTVPLN | -DTVP0048 |
| 07 | KABC-TV | LOS ANGELES CA | 338.9 | CP MOD | BMPCDT | -20080626AAL |
| 07 | NEW | NORTH PALM SPRINGS CA | 231.6 | APP | BNPDVL | -20090825BHP |
| 07 | NEW | PALM SPRINGS CA | 227.9 | APP | BNPDVL | -20090825BGC |
| 07 | KLAS-TV | LAS VEGAS NV | 92.6 | LIC | BLCDDT | -20041202ACC |
| 07 | KLAS-TV | LAS VEGAS NV | 92.6 | PLN | DTVPLN | -DTVP0081 |
| 07 | K07GQ | CEDAR CITY UT | 302.1 | CP | BDFCDTV | -20090105AAA |
| 07 | K07ED-D | ENTERPRISE UT | 275.3 | LIC | BLDTV | -20090406AEV |
| 07 | K07PX | ROCKVILLE UT | 255.1 | CP | BDFCDVA | -20060630AGV |
| 07 | K07CG-D | TOQUERVILLE UT | 256.0 | LIC | BLDTV | -20090406AEM |
| 08 | K09KG | BULLHEAD CITY AZ | 0.0 | APP | USERRECORD-01 | |

Total scenarios = 4

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Result key: 1
Scenario 1 Affected station 2 K07YJ
Before Analysis

Results for: 7A AZ BULLHEAD CITY BDFCDTV 20090824AHY APP
HAAT 1.0 m, ATV ERP 0.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1658 | 34.9 |
| not affected by terrain losses | 1658 | 31.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 634 | 9.0 |
| lost to ATV IX only | 634 | 9.0 |
| lost to all IX | 634 | 9.0 |

Potential Interfering Stations Included in above Scenario 1

7A NV LAS VEGAS BLCDDT 20041202ACC LIC

After Analysis

Results for: 7A AZ BULLHEAD CITY BDFCDTV 20090824AHY APP
HAAT 1.0 m, ATV ERP 0.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1658 | 34.9 |
| not affected by terrain losses | 1658 | 31.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 634 | 9.0 |
| lost to ATV IX only | 634 | 9.0 |
| lost to all IX | 634 | 9.0 |

Potential Interfering Stations Included in above Scenario 1

7A NV LAS VEGAS BLCDDT 20041202ACC LIC
8A AZ BULLHEAD CITY 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 3

Analysis of current record
Channel Call City/State Application Ref. No.
07 K07JC INDIAN SPRINGS NV BLTTV -20090604AAZ

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 4

Analysis of current record
Channel Call City/State Application Ref. No.
07 KLAS-TV LAS VEGAS NV BLCDDT -20041202ACC

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 07 | KAZT-TV | PRESCOTT AZ | 299.9 | CP | BPCDDT -20080313ACU |
| 07 | KAZT-TV | PRESCOTT AZ | 299.9 | PLN | DTVPLN -DTVP0046 |
| 07 | KAIL | FRESNO CA | 411.6 | LIC | BLCDDT -20021002ABH |
| 07 | KAIL | FRESNO CA | 411.6 | PLN | DTVPLN -DTVP0047 |
| 07 | KABC-TV | LOS ANGELES CA | 334.8 | APP | BMPCDDT -20090330AFV |
| 07 | KABC-TV | LOS ANGELES CA | 334.8 | PLN | DTVPLN -DTVP0048 |
| 07 | KABC-TV | LOS ANGELES CA | 334.8 | CP MOD | BMPCDDT -20080626AAL |
| 08 | K09KG | BULLHEAD CITY AZ | 92.6 | APP | USERRECORD-01 |

Total scenarios = 2

Result key: 5
Scenario 1 Affected station 4 KLAS-TV
Before Analysis

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Results for: 7A NV LAS VEGAS BLCDDT 20041202ACC LIC
HAAT 609.0 m, ATV ERP 30.1 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1485675 | 46912.4 |
| not affected by terrain losses | 1370309 | 33262.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 0 | 0.0 |

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 7A NV LAS VEGAS BLCDDT 20041202ACC LIC
HAAT 609.0 m, ATV ERP 30.1 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1485675 | 46912.4 |
| not affected by terrain losses | 1370309 | 33262.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 3023 | 42.4 |
| lost to ATV IX only | 3023 | 42.4 |
| lost to all IX | 3023 | 42.4 |

Potential Interfering Stations Included in above Scenario 1

8A AZ BULLHEAD CITY USERRECORD01 APP

Percent new IX = 0.2206%

Worst case new IX 0.2206% Scenario 1

#####

Analysis of Interference to Affected Station 5

Analysis of current record
Channel Call City/State Application Ref. No.
07 WEYS-LP OVERTON, ETC. NV BLTT -3459

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 6

Analysis of current record
Channel Call City/State Application Ref. No.
08 K08OP PARKER AZ BNPTVL -20000831AQT

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.
08 KAET PHOENIX AZ BMPEDT -20090408AQO

Stations Potentially Affecting This Station

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.

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

08 NEW SEDONA AZ BNPTVL -20000816AAL

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. |
|---------|-------|----------------|----------------------|
| 08 | K08MM | BAKERSFIELD CA | BLTVA -20051011ADH |

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 10

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|-------------|----------------------|
| 08 | NEW | CALIENTE CA | BNPTVL -20000831CCA |

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 11

Analysis of current record

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

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. |
|---------|---------|------------|----------------------|
| 08 | KFAZ-CA | FRESNO CA | BDFCDVA -20080801ANV |

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. |
|---------|---------|------------|----------------------|
| 08 | KVPS-LP | INDIO CA | BPTVL -20080908AAL |

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 14

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Analysis of current record
Channel Call City/State Application Ref. No.
08 KVPS-LP INDIO CA BLTVL -20020122AAB

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.
08 KFLA-LD LOS ANGELES CA BLDVL -20071001AAC

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.
08 K08IA NEWBERRY SPRINGS CA BLTV -5051

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 17

Analysis of current record
Channel Call City/State Application Ref. No.
08 NEW SAN BERNARDINO CA BNPTVL -20000828BEM

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.
08 KFMB-TV SAN DIEGO CA BPCDT -20090709ACW

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.
08 KFAZ-CA VISALIA CA BLTVA -20030424ABP

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 20

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|----------------|-------------|--------------|
| 08 | K08OH-D | ALAMO, ETC. NV | BDCCDTV | -20061023AAX |

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. |
|---------|-------|------------|-------------|----------|
| 08 | K08II | BOULDER UT | BLTTV | -4467 |

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. |
|---------|---------|-----------------|-------------|--------------|
| 08 | K08MZ-D | CEDAR CANYON UT | BLDTV | -20090728ABL |

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. |
|---------|---------|---------------|-------------|--------------|
| 08 | K08OE-D | CEDAR CITY UT | BLDTV | -20081202AHV |

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. |
|---------|---------|-----------------------|-------------|--------------|
| 08 | K08OG-D | HILDALE, ETC. (AZ) UT | BDCCDTV | -20061030ADX |

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. |
|---------|-------|-----------------|-------------|--------------|
| 08 | K08CE | KANARRAVILLE UT | BLTTV | -20061228AAL |

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 26

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|--------------|-------------|--------------|
| 08 | NEW | MARYSVALE UT | BNPDVL | -20090828ADT |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 27

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|----------------------|-------------|--------------|
| 08 | K08EN-D | PINE VALLEY, ETC. UT | BLDTV | -20090406AEZ |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 28

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 08 | K08BO-D | VIRGIN UT | BLDTV | -20090406AFJ |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 29

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|------------------|-------------|--------------|
| 09 | K09KG | BULLHEAD CITY AZ | BDFCDTV | -20090824AIC |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 09 | KCFG-DR | FLAGSTAFF AZ | 291.6 | APP | BPRM | -20080620AOF |
| 09 | KDTP-LD | PHOENIX AZ | 309.9 | CP | BDCCDVL | -20061002BZV |
| 09 | KWSJ-LD | SNOWFLAKE AZ | 425.8 | CP | BDCCDVL | -20061026AEX |
| 09 | KECY-TV | EL CENTRO CA | 241.1 | CP MOD | BMPCDT | -20090318ADG |
| 09 | KECY-TV | EL CENTRO CA | 241.1 | PLN | DTVPLN | -DTVP0177 |
| 09 | KCAL-TV | LOS ANGELES CA | 339.0 | CP | BPCDT | -20080418AAE |
| 09 | KCAL-TV | LOS ANGELES CA | 339.0 | PLN | DTVPLN | -DTVP0178 |
| 09 | K09YL-D | NATIONAL CITY CA | 357.5 | APP | BSTA | -20090304AAA |
| 09 | K09YL-D | NATIONAL CITY CA | 362.0 | CP | BDCCDVL | -20070521ADJ |
| 09 | KSDX-LD | SAN DIEGO CA | 355.3 | CP | BDCCDVL | -20070810ACK |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | APP | BPCDT | -20080619AGH |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | PLN | DTVPLN | -DTVP0206 |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | LIC | BLCDT | -20021120ABN |
| 09 | KUSG | ST. GEORGE UT | 223.8 | LIC | BLCDT | -20021031ABG |
| 09 | KUSG | ST. GEORGE UT | 223.8 | PLN | DTVPLN | -DTVP0224 |
| 10 | K63HJ | LAUGHLIN NV | 53.6 | APP | BDISDVL | -20090824AII |
| 08 | K09KG | BULLHEAD CITY AZ | 0.0 | APP | USERRECORD-01 | |

Total scenarios = 5

Result key:

7

Scenario 1 Affected station 29 K09KG
Before Analysis

Results for: 9A AZ BULLHEAD CITY BDFCDTV 20090824AIC APP
HAAT 1.0 m, ATV ERP 0.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2060 | 31.9 |
| not affected by terrain losses | 2060 | 31.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1026 | 17.0 |
| lost to ATV IX only | 1026 | 17.0 |

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

lost to all IX 1026 17.0

Potential Interfering Stations Included in above Scenario 1

9A NV HENDERSON DTVPLN DTVP0206 PLN

After Analysis

Results for: 9A AZ BULLHEAD CITY BDFCDTV 20090824AIC APP
HAAT 1.0 m, ATV ERP 0.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2060 | 31.9 |
| not affected by terrain losses | 2060 | 31.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1026 | 17.9 |
| lost to ATV IX only | 1026 | 17.9 |
| lost to all IX | 1026 | 17.9 |

Potential Interfering Stations Included in above Scenario 1

9A NV HENDERSON DTVPLN DTVP0206 PLN
8A AZ BULLHEAD CITY 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 30

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|------------------|----------------------|
| 09 | K09KG | BULLHEAD CITY AZ | BLTTV -3790 |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 31

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|-------------|----------------------|
| 09 | K09KV | PRESCOTT AZ | BLTTV -4115 |

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 32

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|----------------------|----------------------|
| 09 | K09XW | PALM DESERT, ETC. CA | BPTTV -20060331BIK |

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 33

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|--------------|----------------------|
| 09 | KVVU-TV | HENDERSON NV | BPCDT -20080619AGH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|------|------------|----------|--------|----------------------|
|------|------|------------|----------|--------|----------------------|

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

| | | | | | | |
|----|---------|------------------|-------|--------|---------------|--------------|
| 09 | KCFG-DR | FLAGSTAFF AZ | 363.1 | APP | BPRM | -20080620AOF |
| 09 | KEYC-TV | EL CENTRO CA | 328.5 | CP MOD | BMPCDT | -20090318ADG |
| 09 | KEYC-TV | EL CENTRO CA | 328.5 | PLN | DTVPLN | -DTVP0177 |
| 09 | KCAL-TV | LOS ANGELES CA | 341.4 | CP | BPCDT | -20080418AAE |
| 09 | KCAL-TV | LOS ANGELES CA | 341.4 | PLN | DTVPLN | -DTVP0178 |
| 09 | KBMO-TV | TONOPAH NV | 300.6 | PLN | DTVPLN | -DTVP0207 |
| 09 | KUSG | ST. GEORGE UT | 173.7 | LIC | BLCDT | -20021031ABG |
| 09 | KUSG | ST. GEORGE UT | 173.7 | PLN | DTVPLN | -DTVP0224 |
| 08 | K09KG | BULLHEAD CITY AZ | 97.3 | APP | USERRECORD-01 | |

Total scenarios = 6

Result key: 13
 Scenario 2 Affected station 33 KVVU-TV
 Before Analysis

Results for: 9A NV HENDERSON BPCDT 20080619AGH APP
 HAAT 385.0 m, ATV ERP 160.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1471551 | 48672.6 |
| not affected by terrain losses | 1370886 | 33851.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 221 | 219.8 |
| lost to ATV IX only | 221 | 219.8 |
| lost to all IX | 221 | 219.8 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-----------------|--------|----------|-----|
| 9A CA EL CENTRO | DTVPLN | DTVP0177 | PLN |
| 9A NV TONOPAH | DTVPLN | DTVP0207 | PLN |

After Analysis

Results for: 9A NV HENDERSON BPCDT 20080619AGH APP
 HAAT 385.0 m, ATV ERP 160.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1471551 | 48672.6 |
| not affected by terrain losses | 1370886 | 33851.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2984 | 245.5 |
| lost to ATV IX only | 2984 | 245.5 |
| lost to all IX | 2984 | 245.5 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|---------------------|--------------|----------|-----|
| 9A CA EL CENTRO | DTVPLN | DTVP0177 | PLN |
| 9A NV TONOPAH | DTVPLN | DTVP0207 | PLN |
| 8A AZ BULLHEAD CITY | USERRECORD01 | | APP |

Percent new IX = 0.2016%

Worst case new IX 0.2016% Scenario 2

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Analysis of Interference to Affected Station 34

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|--------------|-------------|--------------|
| 09 | KVVU-TV | HENDERSON NV | BLCDT | -20021120ABN |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 09 | KCFG-DR | FLAGSTAFF AZ | 363.1 | APP | BPRM | -20080620AOF |
| 09 | KEYC-TV | EL CENTRO CA | 328.5 | CP MOD | BMPCDT | -20090318ADG |
| 09 | KEYC-TV | EL CENTRO CA | 328.5 | PLN | DTVPLN | -DTVP0177 |
| 09 | KCAL-TV | LOS ANGELES CA | 341.4 | CP | BPCDT | -20080418AAE |
| 09 | KCAL-TV | LOS ANGELES CA | 341.4 | PLN | DTVPLN | -DTVP0178 |
| 09 | KBMO-TV | TONOPAH NV | 300.6 | PLN | DTVPLN | -DTVP0207 |
| 09 | KUSG | ST. GEORGE UT | 173.7 | LIC | BLCDT | -20021031ABG |
| 09 | KUSG | ST. GEORGE UT | 173.7 | PLN | DTVPLN | -DTVP0224 |
| 08 | K09KG | BULLHEAD CITY AZ | 97.3 | APP | USERRECORD-01 | |

Total scenarios = 4

Result key: 18
 Scenario 1 Affected station 34 KVVU-TV
 Before Analysis

Results for: 9A NV HENDERSON BLCDT 20021120ABN LIC

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

| | | | |
|--------------------------------|------------------|--------------|--|
| HAAT | 385.0 m, ATV ERP | 86.0 kW | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1444954 | 43630.0 | |
| not affected by terrain losses | 1364814 | 30074.2 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 21 | 84.8 | |
| lost to ATV IX only | 21 | 84.8 | |
| lost to all IX | 21 | 84.8 | |

Potential Interfering Stations Included in above Scenario 1

9A CA EL CENTRO BMPCDT 20090318ADG CP

After Analysis

Results for: 9A NV HENDERSON BLCDDT 20021120ABN LIC

| | | | |
|--------------------------------|------------------|--------------|--|
| HAAT | 385.0 m, ATV ERP | 86.0 kW | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1444954 | 43630.0 | |
| not affected by terrain losses | 1364814 | 30074.2 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 2819 | 121.3 | |
| lost to ATV IX only | 2819 | 121.3 | |
| lost to all IX | 2819 | 121.3 | |

Potential Interfering Stations Included in above Scenario 1

9A CA EL CENTRO BMPCDT 20090318ADG CP
8A AZ BULLHEAD CITY USERRECORD01 APP

Percent new IX = 0.2050%

Worst case new IX 0.2050% Scenario 1

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Analysis of Interference to Affected Station 35

Analysis of current record

| | | | |
|---------|-------|------------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 09 | K09IT | OVERTON, ETC. NV | BLTTV -3460 |

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 36

Analysis of current record

| | | | |
|---------|-------|------------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 08 | K09KG | BULLHEAD CITY AZ | USERRECORD-01 |

Stations Potentially Affecting This Station

| | | | | | |
|------|---------|-----------------------|----------|--------|----------------------|
| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
| 07 | K07YJ | BULLHEAD CITY AZ | 0.0 | LIC | BLTTV -20060525AAZ |
| 07 | K07YJ | BULLHEAD CITY AZ | 0.0 | APP | BDFCDTV -20090824AHY |
| 07 | NEW | PALM SPRINGS CA | 227.9 | APP | BNPDVL -20090825BGC |
| 07 | KLAS-TV | LAS VEGAS NV | 92.6 | LIC | BLCDDT -20041202ACC |
| 07 | KLAS-TV | LAS VEGAS NV | 92.6 | PLN | DTVPLN -DTVP0081 |
| 08 | KAET | PHOENIX AZ | 309.8 | PLN | DTVPLN -DTVP0110 |
| 08 | KAET | PHOENIX AZ | 309.8 | CP MOD | BMPEDT -20090408AQO |
| 08 | KILA-LP | CHERRY VALLEY CA | 285.5 | APP | BDISDVL -20090630AHK |
| 08 | KFAZ-CA | FRESNO CA | 404.4 | CP | BDFCDVA -20080801ANV |
| 08 | KFLA-LD | LOS ANGELES CA | 339.0 | LIC | BLDVL -20071001AAC |
| 08 | KFMB-TV | SAN DIEGO CA | 362.3 | CP | BPCDDT -20090709ACW |
| 08 | KFMB-TV | SAN DIEGO CA | 362.3 | PLN | DTVPLN -DTVP0113 |
| 08 | K08OH-D | ALAMO, ETC. NV | 245.1 | CP | BDCCDTV -20061023AAX |
| 08 | K08MZ-D | CEDAR CANYON UT | 305.7 | LIC | BLDTV -20090728ABL |
| 08 | K08OE-D | CEDAR CITY UT | 302.1 | LIC | BLDTV -20081202AHV |
| 08 | K08OG-D | HILDALE, ETC. (AZ) UT | 231.6 | CP | BDCCDTV -20061030ADX |
| 08 | NEW | MARYSVALE UT | 404.3 | APP | BNPDVL -20090828ADT |
| 08 | K08EN-D | PINE VALLEY, ETC. UT | 285.5 | LIC | BLDTV -20090406AEZ |
| 08 | K08BO-D | VIRGIN UT | 254.8 | LIC | BLDTV -20090406AFJ |
| 09 | K09KG | BULLHEAD CITY AZ | 0.0 | APP | BDFCDTV -20090824AIC |
| 09 | K09KG | BULLHEAD CITY AZ | 0.0 | LIC | BLTTV -3790 |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | APP | BPCDDT -20080619AGH |

OET-69 Interference Analysis , K09KG, Bullhead City, AZ, Ch. 8 (summary of results)

| | | | | | | |
|----|---------|--------------|------|-----|--------|--------------|
| 09 | KVVU-TV | HENDERSON NV | 97.3 | PLN | DTVPLN | -DTVP0206 |
| 09 | KVVU-TV | HENDERSON NV | 97.3 | LIC | BLCDT | -20021120ABN |

Total scenarios = 1

Result key: 22
Scenario 1 Affected station 36 K09KG
Before Analysis

| | | | |
|--------------------------------|---------------------|--------------|-----|
| Results for: | 8A AZ BULLHEAD CITY | USERRECORD01 | APP |
| HAAT | 32.0 m, ATV ERP | 0.0 kW | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2465 | 39.9 | |
| not affected by terrain losses | 2465 | 39.9 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to ATV IX only | 0 | 0.0 | |
| lost to all IX | 0 | 0.0 | |

Potential Interfering Stations Included in above Scenario 1

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED