

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-10-2008 Time: 11:18:34

Record Selected for Analysis

KYUM USERRECORD-01 YUMA AZ US
Channel 15 ERP 15. kW HAAT 388. m RCAMSL 00534 m STRINGENT MASK
Latitude 032-40-21 Longitude 0114-20-11
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000019753 Beam tilt N Ref Azimuth 295.
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) | 51.0 dBu F(50,90) (km) |
|------------------|-------------|-------------|---------------------------|
| 0.0 | 0.662 | 462.6 | 44.1 |
| 45.0 | 0.073 | 380.0 | 28.7 |
| 90.0 | 0.018 | 466.0 | 23.8 |
| 135.0 | 0.038 | 370.9 | 25.0 |
| 180.0 | 0.073 | 212.4 | 23.0 |
| 225.0 | 0.038 | 409.1 | 25.9 |
| 270.0 | 9.600 | 448.4 | 60.0 |
| 315.0 | 11.354 | 354.0 | 56.7 |

Contour Overlap to Proposed Station

Station
NEW 14 WELTON AZ BNPTTL20000831BME

Station inside contour of Digital LPTV station
KYUM 15 YUMA AZ USERRECORD01

Station
NEW 14 YUMA AZ BNPTTL20000828AIF

Station inside contour of Digital LPTV station
KYUM 15 YUMA AZ USERRECORD01

Station
NEW 14 YUMA AZ BNPTTL20000828ARB

Station inside contour of Digital LPTV station
KYUM 15 YUMA 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 = 32.5km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

| Channel | Proposed Station Call | City/State | ARN |
|---------|--------------------------|------------|--------------|
| 15 | KYUM | YUMA AZ | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|-------------|--------------|
| 14 | NEW | WELTON AZ | 0.1 | APP | BNPTTL | -20000831BME |
| 14 | NEW | YUMA AZ | 26.1 | APP | BNPTTL | -20000828AIF |
| 14 | NEW | YUMA AZ | 26.1 | APP | BNPTTL | -20000828ARB |
| 14 | K14MZ | BLYTHE CA | 100.6 | CP | BNPTTL | -20000822ABA |
| 15 | K15CR | LAKE HAVASU CITY AZ | 214.5 | LIC | BLTT | -19900621IE |
| 15 | NEW | PEACH SPRING AZ | 375.4 | APP | BNPTTL | -20000831CCH |
| 15 | KNXV-TV | PHOENIX AZ | 224.3 | LIC | BLCT | -19840113KH |
| 15 | KNXV-TV | PHOENIX AZ | 224.3 | CP | BPCT | -20071210ACY |
| 15 | K53GM | WILLIAMS-ASHFORK AZ | 342.9 | CP | BDISTT | -20080117ACT |
| 15 | K15BZ | DAGGETT CA | 341.2 | LIC | BLTT | -19880307IC |
| 15 | KUNA-LP | INDIO CA | 215.9 | LIC | BLTTL | -20031124AQH |
| 15 | K15FC | JOSHUA TREE CA | 244.7 | LIC | BLTT | -20080902AEC |
| 15 | K15FC | JOSHUA TREE CA | 227.5 | APP | BSTA | -20070808ABB |
| 15 | NEW | LA JOLLA CA | 243.0 | APP | BDCCDTT | -20070417AAM |
| 15 | K15CA | LUCERNE VALLEY CA | 308.3 | LIC | BLTT | -19880307IE |
| 15 | K15HX-D | MORONGO VALLEY CA | 256.9 | CP | BDCCDTT | -20061027AGT |
| 15 | KPBS | SAN DIEGO CA | 243.0 | LIC | BLET | -20011221ABG |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 216.5 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 369.5 | LIC | BLCT | -19960116KE |
| 15 | KINC1 | PAHRUMP NV | 381.6 | LIC | BLTTB | -20070904ACM |
| 16 | KSWT | YUMA AZ | 62.4 | CP | BPCDT | -19991028ABD |
| 17 | NEW | YUMA AZ | 62.4 | APP | BNPTTL | -20000831AJN |
| 18 | NEW | QUARTZITE AZ | 99.9 | APP | BNPTTL | -20000831ARG |
| 18 | NEW | YUMA AZ | 62.4 | APP | BNPTTL | -20000831BKK |
| 18 | NEW | YUMA AZ | 26.0 | APP | BNPTTL | -20000802ADN |
| 18 | NEW | YUMA AZ | 26.1 | APP | BNPTTL | -20000828AHY |
| 18 | NEW | DIXIELAND CA | 135.6 | APP | BNPTTL | -20000831BMX |
| 18 | NEW | EL CENTRO CA | 114.3 | APP | BNPTTL | -20000818ACT |
| 18 | NEW | YUMA CA | 29.8 | APP | BNPTTL | -20000831BLQ |
| 19 | NEW | YUMA AZ | 21.2 | APP | BNPTT | -20000831AXU |
| 19 | K19CX | YUMA AZ | 0.3 | LIC | BLTT | -19941212JC |

Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 14 | NEW | WELTON AZ | BNPTTL | -20000831BME |

Stations Potentially Affecting This Station

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

| | | | | | | |
|----|---------|---------------------|-------|-----|---------------|--------------|
| 14 | NEW | PHOENIX AZ | 224.5 | APP | BSFDTL | -20060630BWL |
| 14 | NEW | PHOENIX AZ | 224.0 | APP | BSFDTL | -20060630BPP |
| 14 | NEW | YUMA AZ | 26.0 | APP | BNPTTL | -20000828AIF |
| 14 | NEW | YUMA AZ | 26.0 | APP | BNPTTL | -20000828ARB |
| 14 | K14MZ | BLYTHE CA | 100.5 | CP | BNPTTL | -20000822ABA |
| 14 | NEW | SAN DIEGO CA | 257.0 | APP | BDCCDTL | -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 216.4 | LIC | BLTVL | -19980330JH |
| 14 | KLVD-LD | LAS VEGAS NV | 375.9 | CP | BDCCDTL | -20061023AEQ |
| 16 | KSWT-DT | YUMA AZ | 62.3 | PLN | DTVPLN | -DTVP0205 |
| 22 | KVYE | EL CENTRO CA | 62.1 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 62.2 | PLN | DTVPLN | -DTVP0472 |
| 29 | K65BB | WELLTON-MOHAWK AZ | 0.2 | APP | BPTT | -20000725ABE |
| 15 | KYUM | YUMA AZ | 0.1 | APP | USERRECORD-01 | |

Total scenarios = 4

Result key: 1
 Scenario 1 Affected station 1 NEW
 Before Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 14N AZ WELTON | BNPTTL | 20000831BME | APP |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 103572 | 4830.6 | |
| not affected by terrain losses | 103572 | 4641.4 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 0 | 0.0 | |

Potential Interfering Stations Included in above Scenario 1

After Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 14N AZ WELTON | BNPTTL | 20000831BME | APP |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 103572 | 4830.6 | |
| not affected by terrain losses | 103572 | 4641.4 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 233 | 25.4 | |
| lost to all IX | 233 | 25.4 | |

Potential Interfering Stations Included in above Scenario 1

| | | |
|-------------|--------------|-----|
| 15A AZ YUMA | USERRECORD01 | APP |
|-------------|--------------|-----|

Percent new IX = 0.2250%

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

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 14N AZ WELTON | BNPTTL | 20000831BME | APP |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 103572 | 4830.6 | |
| not affected by terrain losses | 103572 | 4641.4 | |
| lost to NTSC IX | 100056 | 2716.2 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 100056 | 2716.2 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------|--------|-------------|-----|
| 14N AZ YUMA | BNPTTL | 20000828AIF | APP |
| 14N AZ YUMA | BNPTTL | 20000828ARB | APP |

After Analysis

| | | | |
|----------------------------|--------|-------------|-----|
| Results for: 14N AZ WELTON | BNPTTL | 20000831BME | APP |
|----------------------------|--------|-------------|-----|

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 103572 | 4830.6 |
| not affected by terrain losses | 103572 | 4641.4 |
| lost to NTSC IX | 100056 | 2716.2 |
| lost to additional IX by ATV | 0 | 3.9 |
| lost to all IX | 100056 | 2720.1 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------|--------------|-------------|-----|
| 14N AZ YUMA | BNPTTL | 20000828AIF | APP |
| 14N AZ YUMA | BNPTTL | 20000828ARB | APP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 3
 Scenario 3 Affected station 1 NEW
 Before Analysis

Results for: 14N AZ WELTON

| | BNPTTL | 20000831BME | APP |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 103572 | 4830.6 | |
| not affected by terrain losses | 103572 | 4641.4 | |
| lost to NTSC IX | 100056 | 2716.2 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 100056 | 2716.2 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|-------------|--------|-------------|-----|
| 14N AZ YUMA | BNPTTL | 20000828AIF | APP |
|-------------|--------|-------------|-----|

After Analysis

Results for: 14N AZ WELTON

| | BNPTTL | 20000831BME | APP |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 103572 | 4830.6 | |
| not affected by terrain losses | 103572 | 4641.4 | |
| lost to NTSC IX | 100056 | 2716.2 | |
| lost to additional IX by ATV | 0 | 3.9 | |
| lost to all IX | 100056 | 2720.1 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|-------------|--------------|-------------|-----|
| 14N AZ YUMA | BNPTTL | 20000828AIF | APP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 4
 Scenario 4 Affected station 1 NEW
 Before Analysis

Results for: 14N AZ WELTON

| | BNPTTL | 20000831BME | APP |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 103572 | 4830.6 | |
| not affected by terrain losses | 103572 | 4641.4 | |
| lost to NTSC IX | 100056 | 2716.2 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 100056 | 2716.2 | |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------|--------|-------------|-----|
| 14N AZ YUMA | BNPTTL | 20000828ARB | APP |
|-------------|--------|-------------|-----|

After Analysis

Results for: 14N AZ WELTON

| | BNPTTL | 20000831BME | APP |
|--|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |

| | | |
|--------------------------------|--------|--------|
| within Noise Limited Contour | 103572 | 4830.6 |
| not affected by terrain losses | 103572 | 4641.4 |
| lost to NTSC IX | 100056 | 2716.2 |
| lost to additional IX by ATV | 0 | 3.9 |
| lost to all IX | 100056 | 2720.1 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------|--------------|-------------|-----|
| 14N AZ YUMA | BNPTTL | 20000828ARB | APP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Worst case new IX 0.2250% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 14 | NEW | YUMA AZ | BNPTTL -20000828AIF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 14 | NEW | PHOENIX AZ | 248.4 | APP | BSFDTL -20060630BWL |
| 14 | NEW | PHOENIX AZ | 247.8 | APP | BSFDTL -20060630BPP |
| 14 | NEW | WELTON AZ | 26.0 | APP | BNPTTL -20000831BME |
| 14 | NEW | YUMA AZ | 0.0 | APP | BNPTTL -20000828ARB |
| 14 | K14MZ | BLYTHE CA | 101.2 | CP | BNPTTL -20000822ABA |
| 14 | NEW | SAN DIEGO CA | 231.1 | APP | BDCCDTL -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 197.6 | LIC | BLTVL -19980330JH |
| 14 | KLVD-LD | LAS VEGAS NV | 370.2 | CP | BDCCDTL -20061023AEQ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 197.6 | CP | BDCCDTT -20061030AIQ |
| 16 | KSWT-DT | YUMA AZ | 44.6 | PLN | DTVPLN -DTVP0205 |
| 22 | KVYE | EL CENTRO CA | 44.3 | CP | BPCDT -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 44.4 | PLN | DTVPLN -DTVP0472 |
| 29 | K65BB | WELLTON-MOHAWK AZ | 26.2 | APP | BPTT -20000725ABE |
| 15 | KYUM | YUMA AZ | 26.1 | 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. |
|---------|------|------------|----------------------|
| 14 | NEW | YUMA AZ | BNPTTL -20000828ARB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 14 | NEW | PHOENIX AZ | 248.4 | APP | BSFDTL -20060630BWL |
| 14 | NEW | PHOENIX AZ | 247.8 | APP | BSFDTL -20060630BPP |
| 14 | NEW | WELTON AZ | 26.0 | APP | BNPTTL -20000831BME |
| 14 | NEW | YUMA AZ | 0.0 | APP | BNPTTL -20000828AIF |
| 14 | K14MZ | BLYTHE CA | 101.2 | CP | BNPTTL -20000822ABA |
| 14 | NEW | SAN DIEGO CA | 231.1 | APP | BDCCDTL -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 197.6 | LIC | BLTVL -19980330JH |
| 14 | KLVD-LD | LAS VEGAS NV | 370.2 | CP | BDCCDTL -20061023AEQ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 197.6 | CP | BDCCDTT -20061030AIQ |
| 16 | KSWT-DT | YUMA AZ | 44.6 | PLN | DTVPLN -DTVP0205 |
| 22 | KVYE | EL CENTRO CA | 44.3 | CP | BPCDT -19991029ACL |

| | | | | | | |
|----|---------|-------------------|------|-----|---------------|--------------|
| 22 | KVYE-DT | EL CENTRO CA | 44.4 | PLN | DTVPLN | -DTVP0472 |
| 29 | K65BB | WELLTON-MOHAWK AZ | 26.2 | APP | BPTT | -20000725ABE |
| 15 | KYUM | YUMA AZ | 26.1 | 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. |
|---------|-------|------------|-------------|--------------|
| 14 | K14MZ | BLYTHE CA | BNPTTL | -20000822ABA |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|---------------|--------------|
| 14 | NEW | PHOENIX AZ | 214.0 | APP | BSFDTL | -20060630BWL |
| 14 | NEW | PHOENIX AZ | 213.5 | APP | BSFDTL | -20060630BPP |
| 14 | NEW | WELTON AZ | 100.5 | APP | BNPTTL | -20000831BME |
| 14 | NEW | YUMA AZ | 101.2 | APP | BNPTTL | -20000828AIF |
| 14 | NEW | YUMA AZ | 101.2 | APP | BNPTTL | -20000828ARB |
| 14 | NEW | SAN DIEGO CA | 271.4 | APP | BDCCDTL | -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 158.2 | LIC | BLTVL | -19980330JH |
| 14 | KLVD-LD | LAS VEGAS NV | 276.9 | CP | BDCCDTL | -20061023AEQ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 158.2 | CP | BDCCDTT | -20061030AIQ |
| 16 | KSWT-DT | YUMA AZ | 73.1 | PLN | DTVPLN | -DTVP0205 |
| 22 | KVYE | EL CENTRO CA | 73.5 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 73.5 | PLN | DTVPLN | -DTVP0472 |
| 29 | K29EC | BLYTHE CA | 0.9 | LIC | BLTT | -20020311ABI |
| 15 | KYUM | YUMA AZ | 100.6 | APP | USERRECORD-01 | |

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. |
|---------|-------|---------------------|-------------|-------------|
| 15 | K15CR | LAKE HAVASU CITY AZ | BLTT | -19900621IE |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|---------------|--------------|
| 14 | KLVD-LD | LAS VEGAS NV | 166.7 | CP | BDCCDTL | -20061023AEQ |
| 15 | KNJO-LD | HOLBROOK AZ | 383.1 | CP | BDCCDTL | -20061026AER |
| 15 | NEW | PEACH SPRING AZ | 168.9 | APP | BNPTTL | -20000831CCH |
| 15 | KNXV-TV | PHOENIX AZ | 255.2 | CP | BPCT | -20071210ACY |
| 15 | NEW | BAKERSFIELD CA | 395.8 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | LA JOLLA CA | 317.9 | APP | BDCCDTT | -20070417AAM |
| 15 | K15HX-D | MORONGO VALLEY CA | 208.3 | CP | BDCCDTT | -20061027AGT |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 316.8 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 317.9 | LIC | BLET | -20011221ABG |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 156.8 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 161.2 | LIC | BLCT | -19960116KE |
| 15 | KINC1 | PAHRUMP NV | 183.2 | LIC | BLTTB | -20070904ACM |
| 15 | K15HE-D | HATCH UT | 385.9 | CP | BDCCDTT | -20061003AAA |
| 15 | K15HT-D | HURRICANE,LEEDS,TOQU UT | 314.5 | CP MOD | BMPDTT | -20070326AAH |
| 16 | KUNA-LD | INDIO CA | 189.0 | CP | BDCCDTL | -20061030ABB |
| 19 | KMOH-DT | KINGMAN AZ | 47.8 | PLN | DTVPLN | -DTVP0337 |
| 15 | KYUM | YUMA AZ | 214.5 | 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. |
|---------|------|-----------------|----------------------|
| 15 | NEW | PEACH SPRING AZ | BNPTTL -20000831CCH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 14 | KLVD-LD | LAS VEGAS NV | 122.8 | CP | BDCCDTL -20061023AEQ |
| 15 | KNJO-LD | HOLBROOK AZ | 338.5 | CP | BDCCDTL -20061026AER |
| 15 | KNXV-TV | PHOENIX AZ | 329.7 | CP | BPCT -20071210ACY |
| 15 | K15HX-D | MORONGO VALLEY CA | 340.8 | CP | BDCCDTT -20061027AGT |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 369.2 | CP | BDCCDTT -20061016AAK |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 300.2 | CP | BDCCDTT -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 126.2 | LIC | BLCT -19960116KE |
| 15 | NEW | MESQUITE NV | 129.2 | APP | BNPTTL -20000831EAA |
| 15 | KINC1 | PAHRUMP NV | 167.5 | LIC | BLTTB -20070904ACM |
| 15 | K15HN-D | BLUFF & AREA UT | 390.8 | CP | BDCCDTT -20061023AEC |
| 15 | K15HE-D | HATCH UT | 217.8 | CP | BDCCDTT -20061003AAA |
| 15 | K15HT-D | HURRICANE,LEEDS,TOQU UT | 146.9 | CP MOD | BMPDTT -20070326AAH |
| 15 | K15FQ-D | MILFORD, ETC. UT | 281.8 | LIC | BLDTT -20070228ABG |
| 15 | K15HF-D | RURAL GARFIELD, ETC. UT | 314.6 | CP | BDCCDTT -20061003ADF |
| 15 | K15FF-D | SALINA & REDMOND UT | 355.6 | LIC | BLDTT -20080818AAP |
| 16 | KINC | LAS VEGAS NV | 126.3 | LIC | BLCDT -20060630ACH |
| 16 | KINC-DT | LAS VEGAS NV | 126.2 | PLN | DTVPLN -DTVP0235 |
| 16 | K16HF-D | KANAB UT | 154.5 | CP | BDCCDTT -20061005ADM |
| 17 | KTNV-DT | LAS VEGAS NV | 126.3 | PLN | DTVPLN -DTVP0273 |
| 18 | KUEW | ST. GEORGE UT | 118.3 | LIC | BLEDT -20020826ABB |
| 19 | KMOH-DT | KINGMAN AZ | 126.0 | PLN | DTVPLN -DTVP0337 |
| 22 | KVMY | LAS VEGAS NV | 122.9 | LIC | BLCDT -20070109AAU |
| 22 | KUPN-DT | LAS VEGAS NV | 122.9 | PLN | DTVPLN -DTVP0497 |
| 29 | KVCW | LAS VEGAS NV | 122.9 | LIC | BLCDT -20070109AAW |
| 29 | KFBT-DT | LAS VEGAS NV | 126.2 | PLN | DTVPLN -DTVP0755 |
| 30 | NEW | PEACH SPRING AZ | 0.0 | APP | BNPTTL -20000831CCW |
| 30 | K30JC-D | OVERTON NV | 109.5 | CP | BDCCDTT -20060926AKV |
| 30 | NEW | SAINT GEORGE UT | 118.3 | APP | BSFDTL -20060630DBW |
| 15 | KYUM | YUMA AZ | 375.4 | APP | USERRECORD-01 |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

NTSC Baseline Analysis

| Channel | Call | City/State | Application Ref. No. |
|---------|--------|------------|----------------------|
| 15 | KNXVTV | PHOENIX AZ | DTVPLN -NPLN0914 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|--------------|----------|--------|----------------------|
| 15 | KINC | LAS VEGAS NV | 398.1 | PLN | DTVPLN -NPLN0930 |
| 16 | NEW | FLAGSTAFF AZ | 152.2 | PLN | DTVPLN -NPLN0946 |
| 17 | KPHO-DT | PHOENIX AZ | 0.2 | PLN | DTVPLN -DTVP0250 |
| 29 | KAET-DT | PHOENIX AZ | 0.1 | PLN | DTVPLN -DTVP0736 |

| Results for: 15N AZ PHOENIX | DTVPLN | NPLN0914 | PLN |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2212831 | 25188.3 | |
| not affected by terrain losses | 2206497 | 19813.1 | |
| lost to NTSC IX | 29 | 40.8 | |
| lost to additional IX by ATV | 0 | 1.0 | |

lost to all IX

29

41.7

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 15 | KNXV-TV | PHOENIX AZ | BLCT -19840113KH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|----------|--------------|----------|--------|----------------------|
| 15 | KINC | LAS VEGAS NV | 398.1 | LIC | BLCT -19960116KE |
| 16 | 960710KT | FLAGSTAFF AZ | 152.2 | APP | BPET -19960710KT |
| 16 | 961001KK | FLAGSTAFF AZ | 188.8 | APP | BPET -19961001KK |
| 17 | KPHO-DT | PHOENIX AZ | 0.2 | PLN | DTVPLN -DTVP0250 |
| 29 | KAET | PHOENIX AZ | 0.1 | LIC | BLEDT -20020405ABD |
| 29 | KAET-DT | PHOENIX AZ | 0.1 | PLN | DTVPLN -DTVP0736 |
| 15 | KYUM | YUMA AZ | 224.3 | 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. |
|---------|---------|------------|----------------------|
| 15 | KNXV-TV | PHOENIX AZ | BPCT -20071210ACY |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|----------|--------------|----------|--------|----------------------|
| 15 | KINC | LAS VEGAS NV | 398.1 | LIC | BLCT -19960116KE |
| 16 | 960710KT | FLAGSTAFF AZ | 152.2 | APP | BPET -19960710KT |
| 16 | 961001KK | FLAGSTAFF AZ | 188.8 | APP | BPET -19961001KK |
| 17 | KPHO-DT | PHOENIX AZ | 0.2 | PLN | DTVPLN -DTVP0250 |
| 29 | KAET | PHOENIX AZ | 0.1 | LIC | BLEDT -20020405ABD |
| 29 | KAET-DT | PHOENIX AZ | 0.1 | PLN | DTVPLN -DTVP0736 |
| 15 | KYUM | YUMA AZ | 224.3 | 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. |
|---------|-------|---------------------|----------------------|
| 15 | K53GM | WILLIAMS-ASHFORK AZ | BDISTT -20080117ACT |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|----------|-------------------------|----------|--------|----------------------|
| 15 | KNJO-LD | HOLBROOK AZ | 188.0 | CP | BDCCDTL -20061026AER |
| 15 | NEW | PEACH SPRING AZ | 157.3 | APP | BNPTTL -20000831CCH |
| 15 | KNXV-TV | PHOENIX AZ | 207.9 | CP | BPCT -20071210ACY |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 365.1 | CP | BDCCDTT -20061030AIQ |
| 15 | K15HC-D | QUEMADO/PIE TOWN NM | 405.0 | CP | BDCCDTT -20060905ACC |
| 15 | KINC | LAS VEGAS NV | 269.6 | LIC | BLCT -19960116KE |
| 15 | K15HN-D | BLUFF & AREA UT | 330.7 | CP | BDCCDTT -20061023AEC |
| 15 | K15HE-D | HATCH UT | 275.7 | CP | BDCCDTT -20061003AAA |
| 15 | K15HT-D | HURRICANE,LEEDS,TOQU UT | 251.3 | CP MOD | BMPDTT -20070326AAH |
| 15 | K15FQ-D | MILFORD, ETC. UT | 381.4 | LIC | BLDTT -20070228ABG |
| 15 | K15HM-D | MONTEZUMA CRK./ANETH UT | 347.4 | CP | BDCCDTT -20061023ADX |
| 15 | K15HF-D | RURAL GARFIELD, ETC. UT | 371.6 | CP | BDCCDTT -20061003ADF |
| 16 | 960710KT | FLAGSTAFF AZ | 56.0 | APP | BPET -19960710KT |
| 16 | 961001KK | FLAGSTAFF AZ | 68.4 | APP | BPET -19961001KK |
| 18 | KTFI-DT | FLAGSTAFF AZ | 68.4 | PLN | DTVPLN -DTVP0293 |

| | | | | | | |
|----|---------|--------------|-------|-----|---------------|--------------|
| 22 | KNAZ-DT | FLAGSTAFF AZ | 68.4 | PLN | DTVPLN | -DTVP0470 |
| 30 | K09KV | PRESCOTT AZ | 84.7 | CP | BDISDTT | -20060331AUF |
| 15 | KYUM | YUMA AZ | 342.9 | APP | USERRECORD-01 | |

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. |
|---------|-------|------------|-------------|-------------|
| 15 | K15BZ | DAGGETT CA | BLTT | -19880307IC |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|---------------|--------------|
| 14 | NEW | BAKERSFIELD CA | 178.4 | APP | BSFDTL | -20060630BBS |
| 15 | NEW | BAKERSFIELD CA | 166.7 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 178.9 | APP | BSFDTL | -20060630BPV |
| 15 | KUNA-LP | INDIO CA | 135.2 | LIC | BLTTL | -20031124AQH |
| 15 | NEW | LA JOLLA CA | 243.1 | APP | BDCCDTT | -20070417AAM |
| 15 | K15CA | LUCERNE VALLEY CA | 47.0 | LIC | BLTT | -19880307IE |
| 15 | K15HX-D | MORONGO VALLEY CA | 96.7 | CP | BDCCDTT | -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 234.6 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 97.3 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 243.1 | LIC | BLET | -20011221ABG |
| 15 | KSBY-DT | SAN LUIS OBISPO CA | 345.8 | PLN | DTVPLN | -DTVP0161 |
| 15 | K15DB | SANTA BARBARA CA | 258.4 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 124.6 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 205.2 | LIC | BLCT | -19960116KE |
| 16 | KTFB-CA | BAKERSFIELD CA | 178.5 | APP | BDISDTA | -20070611AKQ |
| 16 | KUNA-LD | INDIO CA | 128.4 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 47.0 | APP | BDCCDTT | -20061030AJR |
| 23 | KTBN-TV | SANTA ANA CA | 129.6 | LIC | BLCDT | -20050729AFT |
| 23 | KTBN-DT | SANTA ANA CA | 129.6 | PLN | DTVPLN | -DTVP0513 |
| 23 | KVMD | TWENTYNINE PALMS CA | 94.5 | LIC | BLCDT | -20060615AAB |
| 23 | KVMD-DT | TWENTYNINE PALMS CA | 103.4 | PLN | DTVPLN | -DTVP0514 |
| 29 | KFTR-TV | ONTARIO CA | 129.8 | CP MOD | BMPCDT | -20021028ABV |
| 29 | KFTR-DR | ONTARIO CA | 129.7 | LIC | BPRM | -20000605ACS |
| 30 | NEW | BARSTOW CA | 0.0 | APP | BDCCDTL | -20061002BPQ |
| 30 | KNLZ-LP | FOREST FALLS CA | 94.5 | APP | BDISDTL | -20061227AAQ |
| 30 | NEW | INDIO CA | 91.4 | APP | BDCCDTL | -20070419AEQ |
| 30 | NEW | RIVERSIDE/PERRIS CA | 108.5 | APP | BDCCDTL | -20060926AOD |
| 30 | KSGA-LP | SAN BERNARDINO CA | 129.7 | APP | BDISDTL | -20081105ADS |
| 30 | KPXN | SAN BERNARDINO CA | 106.9 | LIC | BLCT | -19940124KF |
| 15 | KYUM | YUMA AZ | 341.2 | 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. |
|---------|---------|------------|-------------|--------------|
| 15 | KUNA-LP | INDIO CA | BLTTL | -20031124AQH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------------|----------|--------|-------------|--------------|
| 14 | K14AB | MORONGO VALLEY CA | 41.5 | LIC | BLTT | -19790730IC |
| 14 | NEW | SAN DIEGO CA | 143.5 | APP | BDCCDTL | -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 39.3 | LIC | BLTVL | -19980330JH |
| 15 | KNXV-TV | PHOENIX AZ | 389.0 | CP | BPCT | -20071210ACY |
| 15 | NEW | BAKERSFIELD CA | 283.9 | APP | BSFDTL | -20060630BVV |

| | | | | | | |
|----|---------|-------------------------|-------|-----|---------------|--------------|
| 15 | NEW | BAKERSFIELD CA | 293.3 | APP | BSFDTL | -20060630BPV |
| 15 | K15BZ | DAGGETT CA | 135.2 | LIC | BLTT | -19880307IC |
| 15 | K15FC | JOSHUA TREE CA | 37.8 | LIC | BLTT | -20080902AEC |
| 15 | K15FC | JOSHUA TREE CA | 39.9 | APP | BSTA | -20070808ABB |
| 15 | NEW | LA JOLLA CA | 139.3 | APP | BDCCDTT | -20070417AAM |
| 15 | K15HX-D | MORONGO VALLEY CA | 41.5 | CP | BDCCDTT | -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 364.3 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 229.2 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 139.3 | LIC | BLET | -20011221ABG |
| 15 | K15DB | SANTA BARBARA CA | 326.0 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 39.3 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 261.5 | LIC | BLCT | -19960116KE |
| 16 | KUNA-LD | INDIO CA | 7.6 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 94.9 | APP | BDCCDTT | -20061030AJR |
| 16 | K16AA | MORONGO VALLEY CA | 41.5 | LIC | BLTT | -19790730ID |
| 16 | K16FI | TWENTYNINE PALMS,ETC CA | 39.3 | LIC | BLTT | -20021007ABA |
| 18 | KUSI-TV | SAN DIEGO CA | 139.4 | LIC | BLCDT | -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 139.3 | PLN | DTVPLN | -DTVP0296 |
| 19 | KSWB-TV | SAN DIEGO CA | 139.5 | LIC | BLCDT | -20040722AAO |
| 19 | KSWB-DT | SAN DIEGO CA | 139.5 | PLN | DTVPLN | -DTVP0339 |
| 23 | KVMD | TWENTYNINE PALMS CA | 60.2 | LIC | BLCDT | -20060615AAB |
| 23 | KVMD-DT | TWENTYNINE PALMS CA | 39.2 | PLN | DTVPLN | -DTVP0514 |
| 30 | NEW | BARSTOW CA | 135.2 | APP | BDCCDTL | -20061002BPQ |
| 30 | KNLZ-LP | FOREST FALLS CA | 60.2 | APP | BDISDTL | -20061227AAQ |
| 30 | NEW | INDIO CA | 68.1 | APP | BDCCDTL | -20070419AEQ |
| 30 | K30GU | MORONGO VALLEY CA | 41.5 | LIC | BLTT | -20021211AAS |
| 30 | NEW | RIVERSIDE/PERRIS CA | 99.0 | APP | BDCCDTL | -20060926AOD |
| 30 | KPXN | SAN BERNARDINO CA | 142.5 | LIC | BLCT | -19940124KF |
| 30 | KPBS | SAN DIEGO CA | 139.3 | LIC | BLEDT | -20011203CEP |
| 30 | KPBS-DT | SAN DIEGO CA | 139.5 | PLN | DTVPLN | -DTVP0777 |
| 15 | KYUM | YUMA AZ | 215.9 | 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. |
|---------|-------|----------------|-------------|--------------|
| 15 | K15FC | JOSHUA TREE CA | BLTT | -20080902AEC |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|-------------|--------------|
| 14 | NEW | SAN DIEGO CA | 172.0 | APP | BDCCDTL | -20070411AAR |
| 15 | NEW | BAKERSFIELD CA | 255.0 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 265.3 | APP | BSFDTL | -20060630BPV |
| 15 | KUNA-LP | INDIO CA | 37.8 | LIC | BLTTL | -20031124AQH |
| 15 | NEW | LA JOLLA CA | 170.0 | APP | BDCCDTT | -20070417AAM |
| 15 | K15CA | LUCERNE VALLEY CA | 63.9 | LIC | BLTT | -19880307IE |
| 15 | K15HX-D | MORONGO VALLEY CA | 23.2 | CP | BDCCDTT | -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 331.6 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 195.1 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 170.0 | LIC | BLET | -20011221ABG |
| 15 | K15DB | SANTA BARBARA CA | 311.5 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 33.1 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 231.8 | LIC | BLCT | -19960116KE |
| 16 | KUNA-LD | INDIO CA | 30.3 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 63.9 | APP | BDCCDTT | -20061030AJR |
| 23 | KVMD | TWENTYNINE PALMS CA | 47.8 | LIC | BLCDT | -20060615AAB |
| 23 | KVMD-DT | TWENTYNINE PALMS CA | 10.4 | PLN | DTVPLN | -DTVP0514 |
| 30 | NEW | BARSTOW CA | 99.3 | APP | BDCCDTL | -20061002BPQ |
| 30 | KNLZ-LP | FOREST FALLS CA | 47.8 | APP | BDISDTL | -20061227AAQ |
| 30 | NEW | INDIO CA | 54.5 | APP | BDCCDTL | -20070419AEQ |
| 30 | K30GU | MORONGO VALLEY CA | 23.2 | LIC | BLTT | -20021211AAS |
| 30 | NEW | RIVERSIDE/PERRIS CA | 91.6 | APP | BDCCDTL | -20060926AOD |

| | | | | | | |
|----|------|-------------------|-------|-----|---------------|-------------|
| 30 | KPXN | SAN BERNARDINO CA | 128.2 | LIC | BLCT | -19940124KF |
| 15 | KYUM | YUMA AZ | 244.7 | 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. | | |
|---------|-------|----------------|----------------------|--------------|--|
| 15 | K15FC | JOSHUA TREE CA | BSTA | -20070808ABB | |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. | |
|------|---------|-------------------------|----------|--------|----------------------|--------------|
| 14 | NEW | SAN DIEGO CA | 182.8 | APP | BDCCDTL | -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 11.2 | LIC | BLTVL | -19980330JH |
| 15 | KNXV-TV | PHOENIX AZ | 379.5 | CP | BPCT | -20071210ACY |
| 15 | NEW | BAKERSFIELD CA | 274.3 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 285.1 | APP | BSFDTL | -20060630BPV |
| 15 | KUNA-LP | INDIO CA | 39.9 | LIC | BLTTL | -20031124AQH |
| 15 | NEW | LA JOLLA CA | 179.1 | APP | BDCCDTT | -20070417AAM |
| 15 | K15CA | LUCERNE VALLEY CA | 84.1 | LIC | BLTT | -19880307IE |
| 15 | K15HX-D | MORONGO VALLEY CA | 45.7 | CP | BDCCDTT | -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 348.1 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 210.9 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 179.1 | LIC | BLET | -20011221ABG |
| 15 | K15DB | SANTA BARBARA CA | 334.6 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 11.2 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 221.6 | LIC | BLCT | -19960116KE |
| 16 | KUNA-LD | INDIO CA | 33.1 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 84.1 | APP | BDCCDTT | -20061030AJR |
| 16 | K16FI | TWENTYNINE PALMS,ETC CA | 11.2 | LIC | BLTT | -20021007ABA |
| 23 | KVMD | TWENTYNINE PALMS CA | 70.6 | LIC | BLCDT | -20060615AAB |
| 23 | KVMD-DT | TWENTYNINE PALMS CA | 13.3 | PLN | DTVPLN | -DTV0514 |
| 30 | NEW | BARSTOW CA | 113.7 | APP | BDCCDTL | -20061002BPQ |
| 30 | KNLZ-LP | FOREST FALLS CA | 70.6 | APP | BDISDTL | -20061227AAQ |
| 30 | NEW | INDIO CA | 77.5 | APP | BDCCDTL | -20070419AEQ |
| 30 | NEW | RIVERSIDE/PERRIS CA | 114.4 | APP | BDCCDTL | -20060926AOD |
| 15 | KYUM | YUMA AZ | 227.5 | 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. | | |
|---------|------|-------------|----------------------|--------------|--|
| 15 | NEW | LA JOLLA CA | BDCCDTT | -20070417AAM | |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. | |
|------|---------|-------------------------|----------|--------|----------------------|--------------|
| 14 | NEW | SAN DIEGO CA | 14.5 | APP | BDCCDTL | -20070411AAR |
| 15 | NEW | BAKERSFIELD CA | 342.3 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 346.5 | APP | BSFDTL | -20060630BPV |
| 15 | KUNA-LP | INDIO CA | 139.3 | LIC | BLTTL | -20031124AQH |
| 15 | K15HX-D | MORONGO VALLEY CA | 156.2 | CP | BDCCDTT | -20061027AGT |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 316.8 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 0.0 | LIC | BLET | -20011221ABG |
| 15 | K15DB | SANTA BARBARA CA | 321.1 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 178.0 | CP | BDCCDTT | -20061030AIQ |
| 16 | KUNA-LD | INDIO CA | 146.0 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 196.2 | APP | BDCCDTT | -20061030AJR |

15 KYUM YUMA AZ 243.0 APP USERRECORD-01

Total scenarios = 5

Result key: 5
Scenario 1 Affected station 14 NEW
Before Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP
HAAT 1.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2421021 | 13215.6 |
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 122 | 1.0 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------------|---------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |

After Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP
HAAT 1.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2421021 | 13215.6 |
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 217 | 12.0 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------------|--------------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 6
Scenario 2 Affected station 14 NEW
Before Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP
HAAT 1.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2421021 | 13215.6 |
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 12869 | 210.2 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|----------------------|---------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 14A CA SAN DIEGO | BDCCDTL | 20070411AAR | APP |
| 15A CA BAKERSFIELD | BSFDTL | 20060630BVV | APP |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |

After Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP

| | | | |
|--------------------------------|----------------|------------|--------------|
| HAAT | 1.0 m, ATV ERP | 15.0 kW | |
| | | POPULATION | AREA (sq km) |
| within Noise Limited Contour | | 2421021 | 13215.6 |
| not affected by terrain losses | | 2399544 | 11933.6 |
| lost to NTSC IX | | 2226608 | 9490.6 |
| lost to additional IX by ATV | | 0 | 0.0 |
| lost to ATV IX only | | 12964 | 219.2 |
| lost to all IX | | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|----------------------|--------------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 14A CA SAN DIEGO | BDCCDTL | 20070411AAR | APP |
| 15A CA BAKERSFIELD | BSFDTL | 20060630BVV | APP |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 7
 Scenario 3 Affected station 14 NEW
 Before Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP

| | | | |
|--------------------------------|----------------|------------|--------------|
| HAAT | 1.0 m, ATV ERP | 15.0 kW | |
| | | POPULATION | AREA (sq km) |
| within Noise Limited Contour | | 2421021 | 13215.6 |
| not affected by terrain losses | | 2399544 | 11933.6 |
| lost to NTSC IX | | 2226608 | 9490.6 |
| lost to additional IX by ATV | | 0 | 0.0 |
| lost to ATV IX only | | 12851 | 209.2 |
| lost to all IX | | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|----------------------|---------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 14A CA SAN DIEGO | BDCCDTL | 20070411AAR | APP |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |

After Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP

| | | | |
|--------------------------------|----------------|------------|--------------|
| HAAT | 1.0 m, ATV ERP | 15.0 kW | |
| | | POPULATION | AREA (sq km) |
| within Noise Limited Contour | | 2421021 | 13215.6 |
| not affected by terrain losses | | 2399544 | 11933.6 |
| lost to NTSC IX | | 2226608 | 9490.6 |
| lost to additional IX by ATV | | 0 | 0.0 |
| lost to ATV IX only | | 12946 | 218.2 |
| lost to all IX | | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|----------------------|--------------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 14A CA SAN DIEGO | BDCCDTL | 20070411AAR | APP |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 8
 Scenario 4 Affected station 14 NEW
 Before Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP

| | | | |
|------------------------------|----------------|------------|--------------|
| HAAT | 1.0 m, ATV ERP | 15.0 kW | |
| | | POPULATION | AREA (sq km) |
| within Noise Limited Contour | | 2421021 | 13215.6 |

| | | |
|--------------------------------|---------|---------|
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 140 | 2.0 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|----------------------|---------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 15A CA BAKERSFIELD | BSFDTL | 20060630BVV | APP |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |

After Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP
HAAT 1.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2421021 | 13215.6 |
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 235 | 13.0 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|----------------------|--------------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 15A CA BAKERSFIELD | BSFDTL | 20060630BVV | APP |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 9
Scenario 5 Affected station 14 NEW
Before Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP
HAAT 1.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2421021 | 13215.6 |
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 122 | 1.0 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 5

| | | | |
|----------------------|---------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |

After Analysis

Results for: 15A CA LA JOLLA BDCCDTT 20070417AAM APP
HAAT 1.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 2421021 | 13215.6 |
| not affected by terrain losses | 2399544 | 11933.6 |
| lost to NTSC IX | 2226608 | 9490.6 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 217 | 12.0 |
| lost to all IX | 2226608 | 9490.6 |

Potential Interfering Stations Included in above Scenario 5

| | | | |
|----------------------|---------|-------------|-----|
| 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| 15A CA SANTA BARBARA | BDFCDTT | 20060330AAJ | CP |

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 15

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|-------------------|-------------|-------------|
| 15 | K15CA | LUCERNE VALLEY CA | BLTT | -19880307IE |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|---------------|--------------|
| 14 | NEW | BAKERSFIELD CA | 201.2 | APP | BSFDTL | -20060630BBS |
| 14 | NEW | SAN DIEGO CA | 193.6 | APP | BDCCDTL | -20070411AAR |
| 15 | NEW | BAKERSFIELD CA | 191.1 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 201.4 | APP | BSFDTL | -20060630BPV |
| 15 | K15BZ | DAGGETT CA | 47.0 | LIC | BLTT | -19880307IC |
| 15 | KUNA-LP | INDIO CA | 94.9 | LIC | BLTTL | -20031124AQH |
| 15 | K15FC | JOSHUA TREE CA | 63.9 | LIC | BLTT | -20080902AEC |
| 15 | K15FC | JOSHUA TREE CA | 84.1 | APP | BSTA | -20070808ABB |
| 15 | NEW | LA JOLLA CA | 196.2 | APP | BDCCDTT | -20070417AAM |
| 15 | K15HX-D | MORONGO VALLEY CA | 53.8 | CP | BDCCDTT | -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 269.4 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 134.6 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 196.2 | LIC | BLET | -20011221ABG |
| 15 | KSBY-DT | SAN LUIS OBISPO CA | 358.3 | PLN | DTVPLN | -DTVP0161 |
| 15 | K15DB | SANTA BARBARA CA | 256.4 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 95.2 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 234.5 | LIC | BLCT | -19960116KE |
| 16 | KTFB-CA | BAKERSFIELD CA | 201.3 | APP | BDISDTA | -20070611AKQ |
| 16 | KUNA-LD | INDIO CA | 89.0 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 0.0 | APP | BDCCDTT | -20061030AJR |
| 23 | KTBN-TV | SANTA ANA CA | 111.8 | LIC | BLCDT | -20050729AFT |
| 23 | KTBN-DT | SANTA ANA CA | 111.8 | PLN | DTVPLN | -DTVP0513 |
| 23 | KVMD | TWENTYNINE PALMS CA | 47.6 | LIC | BLCDT | -20060615AAB |
| 23 | KVMD-DT | TWENTYNINE PALMS CA | 71.4 | PLN | DTVPLN | -DTVP0514 |
| 29 | KFTR-TV | ONTARIO CA | 112.1 | CP MOD | BMPCDT | -20021028ABV |
| 29 | KFTR-DR | ONTARIO CA | 112.1 | LIC | BPRM | -20000605ACS |
| 30 | NEW | BARSTOW CA | 47.0 | APP | BDCCDTL | -20061002BPQ |
| 30 | KNLZ-LP | FOREST FALLS CA | 47.6 | APP | BDISDTL | -20061227AAQ |
| 30 | NEW | INDIO CA | 44.5 | APP | BDCCDTL | -20070419AEQ |
| 30 | NEW | RIVERSIDE/PERRIS CA | 66.8 | APP | BDCCDTL | -20060926AOD |
| 30 | KSGA-LP | SAN BERNARDINO CA | 112.1 | APP | BDISDTL | -20081105ADS |
| 30 | KPXN | SAN BERNARDINO CA | 81.3 | LIC | BLCT | -19940124KF |
| 15 | KYUM | YUMA AZ | 308.3 | 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. |
|---------|---------|-------------------|-------------|--------------|
| 15 | K15HX-D | MORONGO VALLEY CA | BDCCDTT | -20061027AGT |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|-------|-------------------|----------|--------|-------------|-------------|
| 14 | K14AB | MORONGO VALLEY CA | 0.0 | LIC | BLTT | -19790730IC |

| | | | | | | |
|----|---------|-------------------------|-------|-----|---------------|--------------|
| 14 | NEW | SAN DIEGO CA | 156.6 | APP | BDCCDTL | -20070411AAR |
| 15 | NEW | BAKERSFIELD CA | 242.5 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 252.0 | APP | BSFDTL | -20060630BPV |
| 15 | KUNA-LP | INDIO CA | 41.5 | LIC | BLTTL | -20031124AQH |
| 15 | K15FC | JOSHUA TREE CA | 23.2 | LIC | BLTT | -20080902AEC |
| 15 | K15FC | JOSHUA TREE CA | 45.7 | APP | BSTA | -20070808ABB |
| 15 | NEW | LA JOLLA CA | 156.2 | APP | BDCCDTT | -20070417AAM |
| 15 | K15CO | PORTERVILLE CA | 323.0 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 188.5 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 156.2 | LIC | BLET | -20011221ABG |
| 15 | K15DB | SANTA BARBARA CA | 291.1 | CP | BDFCDTT | -20060330AAJ |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 54.3 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 249.8 | LIC | BLCT | -19960116KE |
| 16 | KUNA-LD | INDIO CA | 36.4 | CP | BDCCDTL | -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 53.8 | APP | BDCCDTT | -20061030AJR |
| 16 | K16AA | MORONGO VALLEY CA | 0.0 | LIC | BLTT | -19790730ID |
| 15 | KYUM | YUMA AZ | 256.9 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 17

NTSC Baseline Analysis

| Channel | Call | City/State | Application Ref. No. |
|---------|------|--------------|----------------------|
| 15 | KPBS | SAN DIEGO CA | DTVPLN -NPLN0915 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------|----------|--------|----------------------|
| 15 | KINC | LAS VEGAS NV | 400.8 | PLN | DTVPLN -NPLN0930 |
| 16 | KSWT-DT | YUMA AZ | 200.9 | PLN | DTVPLN -DTVP0205 |
| 18 | KUSI-DT | SAN DIEGO CA | 0.2 | PLN | DTVPLN -DTVP0296 |
| 19 | KSWB-DT | SAN DIEGO CA | 0.0 | PLN | DTVPLN -DTVP0339 |
| 22 | KWHYTV | LOS ANGELES CA | 199.8 | PLN | DTVPLN -NPLN1134 |
| 30 | KZKI | SAN BERNARDINO CA | 180.3 | PLN | DTVPLN -NPLN1376 |
| 30 | KPBS-DT | SAN DIEGO CA | 0.0 | PLN | DTVPLN -DTVP0777 |

| Results for: 15N CA SAN DIEGO | DTVPLN | NPLN0915 | PLN |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2631034 | 29103.2 | |
| not affected by terrain losses | 2555904 | 24083.5 | |
| lost to NTSC IX | 3255 | 116.1 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 3255 | 116.1 | |

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|--------------|----------------------|
| 15 | KPBS | SAN DIEGO CA | BLET -20011221ABG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------|----------|--------|----------------------|
| 15 | KINC | LAS VEGAS NV | 400.6 | LIC | BLCT -19960116KE |
| 16 | KSWT-DT | YUMA AZ | 200.7 | PLN | DTVPLN -DTVP0205 |
| 18 | KUSI-TV | SAN DIEGO CA | 0.1 | LIC | BLCDT -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 0.0 | PLN | DTVPLN -DTVP0296 |
| 19 | KSWB-TV | SAN DIEGO CA | 0.2 | LIC | BLCDT -20040722AAO |
| 19 | KSWB-DT | SAN DIEGO CA | 0.2 | PLN | DTVPLN -DTVP0339 |
| 22 | KWHY-TV | LOS ANGELES CA | 199.7 | LIC | BLCT -19940317KM |
| 30 | KPXN | SAN BERNARDINO CA | 180.1 | LIC | BLCT -19940124KF |
| 30 | KPBS | SAN DIEGO CA | 0.0 | LIC | BLEDT -20011203CEP |
| 30 | KPBS-DT | SAN DIEGO CA | 0.2 | PLN | DTVPLN -DTVP0777 |
| 15 | KYUM | YUMA AZ | 243.0 | APP | USERRECORD-01 |

Total scenarios = 2

Result key: 10
Scenario 1 Affected station 17 KPBS
Before Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2633975 | 30017.1 | |
| not affected by terrain losses | 2553050 | 24869.2 | |
| lost to NTSC IX | 3959 | 139.1 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 3959 | 139.1 | |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-----------------------|------|------------|-----|
| 30N CA SAN BERNARDINO | BLCT | 19940124KF | LIC |
|-----------------------|------|------------|-----|

After Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2633975 | 30017.1 | |
| not affected by terrain losses | 2553050 | 24869.2 | |
| lost to NTSC IX | 3959 | 139.1 | |
| lost to additional IX by ATV | 261 | 53.0 | |
| lost to all IX | 4220 | 192.1 | |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-----------------------|--------------|------------|-----|
| 30N CA SAN BERNARDINO | BLCT | 19940124KF | LIC |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0099%

Result key: 11
Scenario 2 Affected station 17 KPBS
Before Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2633975 | 30017.1 | |
| not affected by terrain losses | 2553050 | 24869.2 | |
| lost to NTSC IX | 3959 | 139.1 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to all IX | 3959 | 139.1 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-----------------------|------|------------|-----|
| 30N CA SAN BERNARDINO | BLCT | 19940124KF | LIC |
|-----------------------|------|------------|-----|

After Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 15N CA SAN DIEGO | BLET | 20011221ABG | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2633975 | 30017.1 | |
| not affected by terrain losses | 2553050 | 24869.2 | |
| lost to NTSC IX | 3959 | 139.1 | |
| lost to additional IX by ATV | 261 | 53.0 | |
| lost to all IX | 4220 | 192.1 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-----------------------|--------------|------------|-----|
| 30N CA SAN BERNARDINO | BLCT | 19940124KF | LIC |
| 15A AZ YUMA | USERRECORD01 | | APP |

Percent new IX = 0.0099%

Worst case new IX 0.0099% Scenario 1

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Analysis of Interference to Affected Station 18

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-------------------------|----------------------|
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | BDCCDTT -20061030AIQ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 14 | NEW | SAN DIEGO CA | 182.6 | APP | BDCCDTL -20070411AAR |
| 14 | K14JT | TWENTYNINE PALMS CA | 0.0 | LIC | BLTVL -19980330JH |
| 15 | KNXV-TV | PHOENIX AZ | 369.2 | CP | BPCT -20071210ACY |
| 15 | NEW | BAKERSFIELD CA | 285.5 | APP | BSFDTL -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 296.2 | APP | BSFDTL -20060630BPV |
| 15 | KUNA-LP | INDIO CA | 39.3 | LIC | BLTTL -20031124AQH |
| 15 | K15FC | JOSHUA TREE CA | 33.1 | LIC | BLTT -20080902AEC |
| 15 | K15FC | JOSHUA TREE CA | 11.2 | APP | BSTA -20070808ABB |
| 15 | NEW | LA JOLLA CA | 178.0 | APP | BDCCDTT -20070417AAM |
| 15 | K15HX-D | MORONGO VALLEY CA | 54.3 | CP | BDCCDTT -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 359.1 | CP | BDFCDTT -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 221.9 | CP | BDCCDTT -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 178.0 | LIC | BLET -20011221ABG |
| 15 | K15DB | SANTA BARBARA CA | 344.6 | CP | BDFCDTT -20060330AAJ |
| 15 | KINC | LAS VEGAS NV | 223.9 | LIC | BLCT -19960116KE |
| 16 | KUNA-LD | INDIO CA | 33.9 | CP | BDCCDTL -20061030ABB |
| 16 | NEW | LUCERNE VALLEY CA | 95.2 | APP | BDCCDTT -20061030AJR |
| 16 | K16FI | TWENTYNINE PALMS,ETC CA | 0.0 | LIC | BLTT -20021007ABA |
| 15 | KYUM | YUMA AZ | 216.5 | APP | USERRECORD-01 |

Proposal causes no interference

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Analysis of Interference to Affected Station 19

NTSC Baseline Analysis

| Channel | Call | City/State | Application Ref. No. |
|---------|------|--------------|----------------------|
| 15 | KINC | LAS VEGAS NV | DTVPLN -NPLN0930 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|--------------|----------|--------|----------------------|
| 15 | KNXVTV | PHOENIX AZ | 398.1 | PLN | DTVPLN -NPLN0914 |
| 15 | KPBS | SAN DIEGO CA | 400.8 | PLN | DTVPLN -NPLN0915 |
| 16 | KINC-DT | LAS VEGAS NV | 0.0 | PLN | DTVPLN -DTVP0235 |
| 17 | KTNV-DT | LAS VEGAS NV | 0.0 | PLN | DTVPLN -DTVP0273 |
| 19 | KMOH-DT | KINGMAN AZ | 118.5 | PLN | DTVPLN -DTVP0337 |
| 22 | KUPN-DT | LAS VEGAS NV | 7.6 | PLN | DTVPLN -DTVP0497 |
| 29 | KFBT-DT | LAS VEGAS NV | 0.0 | PLN | DTVPLN -DTVP0755 |

| Results for: 15N NV LAS VEGAS | DTVPLN | NPLN0930 | PLN |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 734963 | 20511.3 | |
| not affected by terrain losses | 726293 | 12212.7 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 0 | 16.8 | |
| lost to all IX | 0 | 16.8 | |

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|--------------|----------------------|
| 15 | KINC | LAS VEGAS NV | BLCT -19960116KE |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------|----------|--------|---------------|--------------|
| 15 | KNXV-TV | PHOENIX AZ | 398.1 | CP | BPCT | -20071210ACY |
| 15 | KPBS | SAN DIEGO CA | 400.6 | LIC | BLET | -20011221ABG |
| 16 | KINC | LAS VEGAS NV | 0.1 | LIC | BLCDDT | -20060630ACH |
| 16 | KINC-DT | LAS VEGAS NV | 0.0 | PLN | DTVPLN | -DTVP0235 |
| 17 | KTNV-DT | LAS VEGAS NV | 0.0 | PLN | DTVPLN | -DTVP0273 |
| 19 | KMOH-DT | KINGMAN AZ | 118.5 | PLN | DTVPLN | -DTVP0337 |
| 22 | KVMY | LAS VEGAS NV | 7.6 | LIC | BLCDDT | -20070109AAU |
| 22 | KUPN-DT | LAS VEGAS NV | 7.6 | PLN | DTVPLN | -DTVP0497 |
| 29 | KVCW | LAS VEGAS NV | 7.6 | LIC | BLCDDT | -20070109AAW |
| 29 | KFBT-DT | LAS VEGAS NV | 0.0 | PLN | DTVPLN | -DTVP0755 |
| 15 | KYUM | YUMA AZ | 369.5 | APP | USERRECORD-01 | |

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. |
|---------|-------|------------|-------------|--------------|
| 15 | KINC1 | PAHRUMP NV | BLTTB | -20070904ACM |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------------------|----------|--------|---------------|--------------|
| 14 | KLVD-LD | LAS VEGAS NV | 44.9 | CP | BDCCDTL | -20061023AEQ |
| 15 | K15CR | LAKE HAVASU CITY AZ | 183.2 | LIC | BLTT | -19900621IE |
| 15 | NEW | PEACH SPRING AZ | 167.5 | APP | BNPTTL | -20000831CCH |
| 15 | NEW | BAKERSFIELD CA | 284.8 | APP | BSFDTL | -20060630BVV |
| 15 | NEW | BAKERSFIELD CA | 299.1 | APP | BSFDTL | -20060630BPV |
| 15 | NEW | LA JOLLA CA | 386.5 | APP | BDCCDTT | -20070417AAM |
| 15 | K15HX-D | MORONGO VALLEY CA | 231.8 | CP | BDCCDTT | -20061027AGT |
| 15 | K15CO | PORTERVILLE CA | 301.6 | CP | BDFCDTT | -20060329AKF |
| 15 | K15HJ-D | RIDGECREST, ETC. CA | 204.1 | CP | BDCCDTT | -20061016AAK |
| 15 | KPBS | SAN DIEGO CA | 386.5 | LIC | BLET | -20011221ABG |
| 15 | K15HW-D | TWENTYNINE PALMS, ETC CA | 214.3 | CP | BDCCDTT | -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 41.4 | LIC | BLCT | -19960116KE |
| 15 | NEW | MESQUITE NV | 196.2 | APP | BNPTTL | -20000831EAA |
| 15 | NEW | PAHRUMP NV | 106.5 | APP | BNPTTL | -20000831BZJ |
| 15 | K15HE-D | HATCH UT | 337.0 | CP | BDCCDTT | -20061003AAA |
| 15 | K15HT-D | HURRICANE, LEEDS, TOQU UT | 247.0 | CP MOD | BMPDTT | -20070326AAH |
| 15 | K15FQ-D | MILFORD, ETC. UT | 344.8 | LIC | BLDTT | -20070228ABG |
| 16 | KINC | LAS VEGAS NV | 41.4 | LIC | BLCDDT | -20060630ACH |
| 16 | KINC-DT | LAS VEGAS NV | 41.4 | PLN | DTVPLN | -DTVP0235 |
| 17 | KTNV-DT | LAS VEGAS NV | 41.4 | PLN | DTVPLN | -DTVP0273 |
| 22 | KVMY | LAS VEGAS NV | 44.7 | LIC | BLCDDT | -20070109AAU |
| 22 | KUPN-DT | LAS VEGAS NV | 44.7 | PLN | DTVPLN | -DTVP0497 |
| 29 | KVCW | LAS VEGAS NV | 44.7 | LIC | BLCDDT | -20070109AAW |
| 29 | KFBT-DT | LAS VEGAS NV | 41.4 | PLN | DTVPLN | -DTVP0755 |
| 30 | KEGS-LP | LAS VEGAS NV | 41.4 | LIC | BLTTL | -20070529ADK |
| 30 | K30JC-D | OVERTON NV | 118.7 | CP | BDCCDTT | -20060926AKV |
| 30 | KPVT-LP | PAHRUMP NV | 48.4 | LIC | BLTTL | -20050118ACA |
| 15 | KYUM | YUMA AZ | 381.6 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 21

DTV Baseline Analysis

| | | | |
|---------|---------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 16 | KSWT-DT | YUMA AZ | DTVPLN -DTVP0205 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|--------------|----------|--------|----------------------|
| 15 | KPBS | SAN DIEGO CA | 200.9 | PLN | DTVPLN -NPLN0915 |
| 16 | NEW | FLAGSTAFF AZ | 309.7 | PLN | DTVPLN -NPLN0946 |
| 16 | NEW | NOGALES AZ | 410.3 | PLN | DTVPLN -NPLN0947 |
| 16 | KINC-DT | LAS VEGAS NV | 321.9 | PLN | DTVPLN -DTVP0235 |

| | | | |
|--------------------------|--------|----------|-----|
| Results for: 16A AZ YUMA | DTVPLN | DTVP0205 | PLN |
|--------------------------|--------|----------|-----|

HAAT 475.0 m, ATV ERP 510.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 232867 | 30406.6 |
| not affected by terrain losses | 230990 | 28290.0 |
| lost to NTSC IX | 130 | 243.5 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 1.0 |
| lost to all IX | 130 | 243.5 |

NTSC Baseline Analysis

| | | | |
|---------|------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 13 | KSWT | YUMA AZ | DTVPLN -NPLN0816 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|--------|----------------|----------|--------|----------------------|
| 13 | KKTM | FLAGSTAFF AZ | 372.4 | PLN | DTVPLN -NPLN0814 |
| 13 | KOLDTV | TUCSON AZ | 358.5 | PLN | DTVPLN -NPLN0815 |
| 13 | KCOPTV | LOS ANGELES CA | 327.0 | PLN | DTVPLN -NPLN0818 |
| 13 | KTNV | LAS VEGAS NV | 321.9 | PLN | DTVPLN -NPLN0852 |

| | | | |
|--------------------------|--------|----------|-----|
| Results for: 13N AZ YUMA | DTVPLN | NPLN0816 | PLN |
|--------------------------|--------|----------|-----|

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 232867 | 30391.6 |
| not affected by terrain losses | 230358 | 26974.8 |
| lost to NTSC IX | 510 | 534.9 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to all IX | 510 | 534.9 |

Analysis of current record

| | | | |
|---------|------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 16 | KSWT | YUMA AZ | BPCDT -19991028ABD |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|----------|--------------|----------|--------|----------------------|
| 15 | KPBS | SAN DIEGO CA | 200.7 | LIC | BLET -20011221ABG |
| 16 | 960710KT | FLAGSTAFF AZ | 309.7 | APP | BPET -19960710KT |
| 16 | 961001KK | FLAGSTAFF AZ | 372.4 | APP | BPET -19961001KK |
| 16 | 960726KQ | NOGALES AZ | 410.3 | APP | BPET -19960726KQ |
| 16 | 961119KH | NOGALES AZ | 408.0 | APP | BPET -19961119KH |
| 16 | 961118KG | NOGALES AZ | 395.8 | APP | BPET -19961118KG |
| 16 | KINC | LAS VEGAS NV | 322.0 | LIC | BLCDT -20060630ACH |
| 16 | KINC-DT | LAS VEGAS NV | 321.9 | PLN | DTVPLN -DTVP0235 |
| 15 | KYUM | YUMA AZ | 62.4 | APP | USERRECORD-01 |

Total scenarios = 2

Result key: 12

| | | | | |
|----------|---|------------------|----|------|
| Scenario | 1 | Affected station | 21 | KSWT |
|----------|---|------------------|----|------|

Before Analysis

| | | | |
|--------------------------|-------|-------------|----|
| Results for: 16A AZ YUMA | BPCDT | 19991028ABD | CP |
|--------------------------|-------|-------------|----|

HAAT 444.0 m, ATV ERP 196.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 231514 | 28472.1 |
| not affected by terrain losses | 229988 | 26311.3 |
| 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: 16A AZ YUMA BPCDT 19991028ABD CP
HAAT 444.0 m, ATV ERP 196.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 231514 | 28472.1 |
| not affected by terrain losses | 229988 | 26311.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 447 | 344.3 |
| lost to ATV IX only | 447 | 344.3 |
| lost to all IX | 447 | 344.3 |

Potential Interfering Stations Included in above Scenario 1

15A AZ YUMA USERRECORD01 APP

Percent new IX = 0.1936%

Result key: 13
Scenario 2 Affected station 21 KSWT
Before Analysis

Results for: 16A AZ YUMA BPCDT 19991028ABD CP
HAAT 444.0 m, ATV ERP 196.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 231514 | 28472.1 |
| not affected by terrain losses | 229988 | 26311.3 |
| lost to NTSC IX | 32 | 385.3 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 32 | 385.3 |

Potential Interfering Stations Included in above Scenario 2

16N AZ FLAGSTAFF BPET 19960710KT APP

After Analysis

Results for: 16A AZ YUMA BPCDT 19991028ABD CP
HAAT 444.0 m, ATV ERP 196.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 231514 | 28472.1 |
| not affected by terrain losses | 229988 | 26311.3 |
| lost to NTSC IX | 32 | 385.3 |
| lost to additional IX by ATV | 429 | 314.4 |
| lost to ATV IX only | 447 | 344.3 |
| lost to all IX | 461 | 699.7 |

Potential Interfering Stations Included in above Scenario 2

16N AZ FLAGSTAFF BPET 19960710KT APP
15A AZ YUMA USERRECORD01 APP

Percent new IX = 0.1858%

Worst case new IX 0.1936% Scenario 1

#####

Analysis of Interference to Affected Station 22

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 17 | NEW | YUMA AZ | BNPTTL -20000831AJN |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 0.0 | PLN | DTVPLN -DTVP0205 |
| 16 | KUNA-LD | INDIO CA | 158.4 | CP | BDCCDTL -20061030ABB |
| 17 | KPHO-DT | PHOENIX AZ | 259.0 | PLN | DTVPLN -DTVP0250 |
| 17 | NEW | YUMA AZ | 62.3 | APP | BDCCDTL -20061027AGO |
| 17 | K17GJ | JOSHUA TREE CA | 165.2 | APP | BSTA -20070808ABA |
| 17 | KODG-LP | PALM SPRINGS CA | 154.0 | LIC | BLTTL -20001219ABP |
| 17 | K17HY-D | RIDGECREST, ETC. CA | 376.1 | CP | BDCCDTT -20061016AAL |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 154.3 | CP | BDCCDTT -20061027AGQ |
| 17 | KTNV-DT | LAS VEGAS NV | 321.9 | PLN | DTVPLN -DTVP0273 |
| 18 | NEW | YUMA AZ | 0.3 | APP | BNPTTL -20000831BKK |
| 18 | NEW | YUMA CA | 40.4 | APP | BNPTTL -20000831BLQ |
| 24 | NEW | YUMA AZ | 62.7 | ADD | BPRM -20020408ABP |
| 15 | KYUM | YUMA AZ | 62.4 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 23

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|--------------|----------------------|
| 18 | NEW | QUARTZITE AZ | BNPTTL -20000831ARG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 72.6 | PLN | DTVPLN -DTVP0205 |
| 17 | NEW | YUMA AZ | 99.8 | APP | BDCCDTL -20061027AGO |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 158.6 | CP | BDCCDTT -20061027AGQ |
| 18 | K18CB | BULLHEAD CITY AZ | 189.7 | LIC | BLTT -19910726JF |
| 18 | KTFL-DT | FLAGSTAFF AZ | 303.5 | PLN | DTVPLN -DTVP0293 |
| 18 | KQBN-LP | PRESCOTT AZ | 165.8 | APP | BPTTL -20040517ADG |
| 18 | KTTU-TV | TUCSON AZ | 335.6 | LIC | BLCT -19850108LD |
| 18 | NEW | YUMA AZ | 72.8 | APP | BNPTTL -20000831BKK |
| 18 | NEW | YUMA AZ | 100.5 | APP | BNPTTL -20000802ADN |
| 18 | NEW | YUMA AZ | 100.5 | APP | BNPTTL -20000828AHY |
| 18 | K18IM-D | DAGGETT, ETC. CA | 275.9 | CP | BDCCDTT -20061027AGW |
| 18 | NEW | EL CENTRO CA | 141.4 | APP | BNPTTL -20000818ACT |
| 18 | KSCI | LONG BEACH CA | 349.9 | LIC | BLCT -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 259.5 | LIC | BLCDDT -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 259.5 | PLN | DTVPLN -DTVP0296 |
| 18 | K18FH | TWENTYNINE PALMS CA | 158.6 | LIC | BLTVL -19990108JC |
| 18 | NEW | YUMA CA | 98.4 | APP | BNPTTL -20000831BLQ |
| 18 | KHMP-LP | PAHRUMP NV | 286.1 | CP | BDISTTL -20070924ACM |
| 18 | KHMP-LP | PAHRUMP NV | 284.9 | CP | BDFCDTL -20080821ADO |
| 22 | KVYE | EL CENTRO CA | 73.0 | CP | BPCDT -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 72.9 | PLN | DTVPLN -DTVP0472 |
| 32 | KMCC-DT | LAKE HAVASU CITY AZ | 109.9 | PLN | DTVPLN -DTVP0852 |
| 33 | K33FD | BLYTHE CA | 0.2 | LIC | BLTT -20020311ABE |
| 15 | KYUM | YUMA AZ | 99.9 | APP | USERRECORD-01 |

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 24

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 18 | NEW | YUMA AZ | BNPTTL -20000831BKK |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 0.3 | PLN | DTVPLN -DTVP0205 |
| 17 | NEW | YUMA AZ | 62.3 | APP | BDCCDTL -20061027AGO |
| 17 | NEW | YUMA AZ | 0.3 | APP | BNPTTL -20000831AJN |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 154.3 | CP | BDCCDTT -20061027AGQ |
| 18 | KTFL-DT | FLAGSTAFF AZ | 372.6 | PLN | DTVPLN -DTVP0293 |
| 18 | KQBN-LP | PRESCOTT AZ | 218.4 | APP | BPTTL -20040517ADG |
| 18 | NEW | QUARTZITE AZ | 72.8 | APP | BNPTTL -20000831ARG |
| 18 | KTTU-TV | TUCSON AZ | 358.7 | LIC | BLCT -19850108LD |
| 18 | NEW | YUMA AZ | 44.6 | APP | BNPTTL -20000802ADN |
| 18 | NEW | YUMA AZ | 44.5 | APP | BNPTTL -20000828AHY |
| 18 | K18IM-D | DAGGETT, ETC. CA | 279.0 | CP | BDCCDTT -20061027AGW |
| 18 | NEW | DIXIELAND CA | 93.5 | APP | BNPTTL -20000831BMX |
| 18 | NEW | EL CENTRO CA | 73.4 | APP | BNPTTL -20000818ACT |
| 18 | KSCI | LONG BEACH CA | 325.8 | LIC | BLCT -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 200.6 | LIC | BLCDDT -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 200.5 | PLN | DTVPLN -DTVP0296 |
| 18 | K18FH | TWENTYNINE PALMS CA | 154.3 | LIC | BLTVL -19990108JC |
| 18 | NEW | YUMA CA | 40.3 | APP | BNPTTL -20000831BLQ |
| 18 | KHMP-LP | PAHRUMP NV | 329.5 | CP | BDISTTL -20070924ACM |
| 18 | KHMP-LP | PAHRUMP NV | 328.4 | CP | BDFCDTL -20080821ADO |
| 19 | NEW | YUMA AZ | 52.0 | APP | BNPTT -20000831AXU |
| 22 | KVYE | EL CENTRO CA | 0.3 | CP | BPCDDT -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 0.1 | PLN | DTVPLN -DTVP0472 |
| 33 | NEW | YUMA AZ | 44.5 | APP | BNPTTL -20000828ARE |
| 15 | KYUM | YUMA AZ | 62.4 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 25

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 18 | NEW | YUMA AZ | BNPTTL -20000802ADN |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 44.7 | PLN | DTVPLN -DTVP0205 |
| 17 | NEW | YUMA AZ | 25.9 | APP | BDCCDTL -20061027AGO |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 197.6 | CP | BDCCDTT -20061027AGQ |
| 18 | KTFL-DT | FLAGSTAFF AZ | 382.1 | PLN | DTVPLN -DTVP0293 |
| 18 | NEW | QUARTZITE AZ | 100.5 | APP | BNPTTL -20000831ARG |
| 18 | KTTU-TV | TUCSON AZ | 331.7 | LIC | BLCT -19850108LD |
| 18 | NEW | YUMA AZ | 44.6 | APP | BNPTTL -20000831BKK |
| 18 | NEW | YUMA AZ | 0.1 | APP | BNPTTL -20000828AHY |
| 18 | K18IM-D | DAGGETT, ETC. CA | 322.1 | CP | BDCCDTT -20061027AGW |
| 18 | NEW | EL CENTRO CA | 88.4 | APP | BNPTTL -20000818ACT |
| 18 | KSCI | LONG BEACH CA | 361.6 | LIC | BLCT -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 217.1 | LIC | BLCDDT -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 217.1 | PLN | DTVPLN -DTVP0296 |
| 18 | NEW | YUMA CA | 4.6 | APP | BNPTTL -20000831BLQ |

| | | | | | | |
|----|---------|--------------|-------|-----|---------------|--------------|
| 18 | KHMP-LP | PAHRUMP NV | 371.4 | CP | BDFCDTL | -20080821ADO |
| 19 | NEW | YUMA AZ | 7.7 | APP | BNPTT | -20000831AXU |
| 19 | K19CX | YUMA AZ | 26.2 | LIC | BLTT | -19941212JC |
| 22 | KVYE | EL CENTRO CA | 44.3 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 44.5 | PLN | DTVPLN | -DTVP0472 |
| 33 | NEW | YUMA AZ | 0.1 | APP | BNPTTL | -20000828ARE |
| 15 | KYUM | YUMA AZ | 26.0 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 26

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 18 | NEW | YUMA AZ | BNPTTL -20000828AHY |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 44.6 | PLN | DTVPLN -DTVP0205 |
| 17 | NEW | YUMA AZ | 26.0 | APP | BDCCDTL -20061027AGO |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 197.6 | CP | BDCCDTT -20061027AGQ |
| 18 | KTFI-DT | FLAGSTAFF AZ | 382.1 | PLN | DTVPLN -DTVP0293 |
| 18 | NEW | QUARTZITE AZ | 100.5 | APP | BNPTTL -20000831ARG |
| 18 | KTTU-TV | TUCSON AZ | 331.7 | LIC | BLCT -19850108LD |
| 18 | NEW | YUMA AZ | 44.5 | APP | BNPTTL -20000831BKK |
| 18 | NEW | YUMA AZ | 0.1 | APP | BNPTTL -20000802ADN |
| 18 | K18IM-D | DAGGETT, ETC. CA | 322.0 | CP | BDCCDTT -20061027AGW |
| 18 | NEW | EL CENTRO CA | 88.3 | APP | BNPTTL -20000818ACT |
| 18 | KSCI | LONG BEACH CA | 361.5 | LIC | BLCT -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 217.1 | LIC | BLCDT -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 217.0 | PLN | DTVPLN -DTVP0296 |
| 18 | NEW | YUMA CA | 4.6 | APP | BNPTTL -20000831BLQ |
| 18 | KHMP-LP | PAHRUMP NV | 371.4 | CP | BDFCDTL -20080821ADO |
| 19 | NEW | YUMA AZ | 7.7 | APP | BNPTT -20000831AXU |
| 22 | KVYE | EL CENTRO CA | 44.3 | CP | BPCDT -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 44.4 | PLN | DTVPLN -DTVP0472 |
| 33 | NEW | YUMA AZ | 0.0 | APP | BNPTTL -20000828ARE |
| 15 | KYUM | YUMA AZ | 26.1 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 27

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|--------------|----------------------|
| 18 | NEW | DIXIELAND CA | BNPTTL -20000831BMX |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 93.7 | PLN | DTVPLN -DTVP0205 |
| 17 | NEW | YUMA AZ | 135.6 | APP | BDCCDTL -20061027AGO |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 143.6 | CP | BDCCDTT -20061027AGQ |
| 18 | NEW | QUARTZITE AZ | 158.9 | APP | BNPTTL -20000831ARG |
| 18 | NEW | YUMA AZ | 93.5 | APP | BNPTTL -20000831BKK |
| 18 | K18HD-D | BAKERSFIELD CA | 400.7 | LIC | BLDTT -20080418AAS |
| 18 | K18IM-D | DAGGETT, ETC. CA | 254.5 | CP | BDCCDTT -20061027AGW |
| 18 | NEW | EL CENTRO CA | 21.4 | APP | BNPTTL -20000818ACT |
| 18 | KSCI | LONG BEACH CA | 263.9 | LIC | BLCT -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 108.4 | LIC | BLCDT -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 108.4 | PLN | DTVPLN -DTVP0296 |

| | | | | | | |
|----|---------|---------------------|-------|-----|---------------|--------------|
| 18 | KZDF-LP | SANTA BARBARA CA | 405.8 | CP | BDCCDTL | -20061027ADP |
| 18 | K18FH | TWENTYNINE PALMS CA | 143.6 | LIC | BLTVL | -19990108JC |
| 18 | KHMP-LP | PAHRUMP NV | 352.6 | CP | BDFCDTL | -20080821ADO |
| 19 | KSWB-TV | SAN DIEGO CA | 108.5 | LIC | BLCDT | -20040722AAO |
| 19 | KSWB-DT | SAN DIEGO CA | 108.5 | PLN | DTVPLN | -DTVP0339 |
| 22 | KVYE | EL CENTRO CA | 93.4 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 93.4 | PLN | DTVPLN | -DTVP0472 |
| 25 | KGTV-DT | SAN DIEGO CA | 137.3 | PLN | DTVPLN | -DTVP0594 |
| 15 | KYUM | YUMA AZ | 135.6 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 28

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|--------------|-------------|--------------|
| 18 | NEW | EL CENTRO CA | BNPTTL | -20000818ACT |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|---------------|--------------|
| 15 | KPBS | SAN DIEGO CA | 129.8 | LIC | BLET | -20011221ABG |
| 16 | KSWT-DT | YUMA AZ | 73.6 | PLN | DTVPLN | -DTVP0205 |
| 17 | NEW | YUMA AZ | 114.3 | APP | BDCCDTL | -20061027AGO |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 147.4 | CP | BDCCDTT | -20061027AGQ |
| 18 | NEW | QUARTZITE AZ | 141.4 | APP | BNPTTL | -20000831ARG |
| 18 | NEW | YUMA AZ | 73.4 | APP | BNPTTL | -20000831BKK |
| 18 | NEW | YUMA AZ | 88.4 | APP | BNPTTL | -20000802ADN |
| 18 | NEW | YUMA AZ | 88.3 | APP | BNPTTL | -20000828AHY |
| 18 | K18IM-D | DAGGETT, ETC. CA | 263.6 | CP | BDCCDTT | -20061027AGW |
| 18 | NEW | DIXIELAND CA | 21.4 | APP | BNPTTL | -20000831BMX |
| 18 | KSCI2 | HESPERIA CA | 262.1 | LIC | BLTTB | -20020816AAD |
| 18 | KSCI | LONG BEACH CA | 281.1 | LIC | BLCT | -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 129.8 | LIC | BLCDT | -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 129.7 | PLN | DTVPLN | -DTVP0296 |
| 18 | NEW | YUMA CA | 84.6 | APP | BNPTTL | -20000831BLQ |
| 18 | KHMP-LP | PAHRUMP NV | 351.5 | CP | BDFCDTL | -20080821ADO |
| 19 | KSWB-TV | SAN DIEGO CA | 129.9 | LIC | BLCDT | -20040722AAO |
| 19 | KSWB-DT | SAN DIEGO CA | 129.9 | PLN | DTVPLN | -DTVP0339 |
| 22 | KVYE | EL CENTRO CA | 73.3 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 73.3 | PLN | DTVPLN | -DTVP0472 |
| 15 | KYUM | YUMA AZ | 114.3 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 29

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 18 | NEW | YUMA CA | BNPTTL | -20000831BLQ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|-------------|--------------|
| 16 | KSWT-DT | YUMA AZ | 40.4 | PLN | DTVPLN | -DTVP0205 |
| 17 | NEW | YUMA AZ | 29.8 | APP | BDCCDTL | -20061027AGO |
| 17 | K17IW-D | TWENTYNINE PALMS,ETC CA | 193.1 | CP | BDCCDTT | -20061027AGQ |
| 18 | KTFI-DT | FLAGSTAFF AZ | 382.5 | PLN | DTVPLN | -DTVP0293 |

| | | | | | | |
|----|---------|------------------|-------|-----|---------------|--------------|
| 18 | NEW | QUARTZITE AZ | 98.4 | APP | BNPTTL | -20000831ARG |
| 18 | KTTU-TV | TUCSON AZ | 335.5 | LIC | BLCT | -19850108LD |
| 18 | NEW | YUMA AZ | 40.3 | APP | BNPTTL | -20000831BKK |
| 18 | NEW | YUMA AZ | 4.6 | APP | BNPTTL | -20000802ADN |
| 18 | NEW | YUMA AZ | 4.6 | APP | BNPTTL | -20000828AHY |
| 18 | K18IM-D | DAGGETT, ETC. CA | 317.5 | CP | BDCCDTT | -20061027AGW |
| 18 | NEW | EL CENTRO CA | 84.6 | APP | BNPTTL | -20000818ACT |
| 18 | KSCI | LONG BEACH CA | 357.1 | LIC | BLCT | -20010920ABO |
| 18 | KUSI-TV | SAN DIEGO CA | 213.7 | LIC | BLCDT | -20060515ADM |
| 18 | KUSI-DT | SAN DIEGO CA | 213.6 | PLN | DTVPLN | -DTVP0296 |
| 18 | KHMP-LP | PAHRUMP NV | 367.6 | CP | BDFCDTL | -20080821ADO |
| 19 | NEW | YUMA AZ | 12.3 | APP | BNPTT | -20000831AXU |
| 19 | K19CX | YUMA AZ | 30.0 | LIC | BLTT | -19941212JC |
| 22 | KVYE | EL CENTRO CA | 40.0 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 40.2 | PLN | DTVPLN | -DTVP0472 |
| 33 | NEW | YUMA AZ | 4.6 | APP | BNPTTL | -20000828ARE |
| 15 | KYUM | YUMA AZ | 29.8 | APP | USERRECORD-01 | |

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. |
|---------|------|------------|----------------------|
| 19 | NEW | YUMA AZ | BNPTT -20000831AXU |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|--------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 52.2 | PLN | DTVPLN -DTVP0205 |
| 18 | NEW | YUMA AZ | 7.7 | APP | BNPTTL -20000802ADN |
| 18 | NEW | YUMA AZ | 7.7 | APP | BNPTTL -20000828AHY |
| 18 | NEW | YUMA CA | 12.3 | APP | BNPTTL -20000831BLQ |
| 19 | KMOH-DT | KINGMAN AZ | 266.3 | PLN | DTVPLN -DTVP0337 |
| 19 | KTTU-TV | TUCSON AZ | 361.3 | LIC | BLCDT -20030926ANZ |
| 19 | KTTU-DT | TUCSON AZ | 326.0 | PLN | DTVPLN -DTVP0338 |
| 19 | K19CX | YUMA AZ | 21.3 | LIC | BLTT -19941212JC |
| 19 | KLPS-LP | INDIO CA | 201.4 | LIC | BLTTL -19980922JE |
| 19 | KSWB-TV | SAN DIEGO CA | 222.3 | LIC | BLCDT -20040722AAO |
| 19 | KSWB-DT | SAN DIEGO CA | 222.3 | PLN | DTVPLN -DTVP0339 |
| 22 | KVYE | EL CENTRO CA | 51.8 | CP | BPCDT -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 52.0 | PLN | DTVPLN -DTVP0472 |
| 15 | KYUM | YUMA AZ | 21.2 | APP | USERRECORD-01 |

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. |
|---------|-------|------------|----------------------|
| 19 | K19CX | YUMA AZ | BLTT -19941212JC |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------|----------|--------|----------------------|
| 16 | KSWT-DT | YUMA AZ | 62.7 | PLN | DTVPLN -DTVP0205 |
| 18 | NEW | YUMA AZ | 26.2 | APP | BNPTTL -20000802ADN |
| 18 | NEW | YUMA AZ | 26.3 | APP | BNPTTL -20000828AHY |
| 18 | NEW | YUMA CA | 30.0 | APP | BNPTTL -20000831BLQ |
| 19 | KMOH-DT | KINGMAN AZ | 262.6 | PLN | DTVPLN -DTVP0337 |
| 19 | KTTU-TV | TUCSON AZ | 340.4 | LIC | BLCDT -20030926ANZ |
| 19 | KTTU-DT | TUCSON AZ | 305.5 | PLN | DTVPLN -DTVP0338 |

| | | | | | | |
|----|---------|--------------|-------|-----|---------------|--------------|
| 19 | NEW | YUMA AZ | 21.3 | APP | BNPTT | -20000831AXU |
| 19 | KSWB-TV | SAN DIEGO CA | 243.3 | LIC | BLCDT | -20040722AAO |
| 19 | KSWB-DT | SAN DIEGO CA | 243.3 | PLN | DTVPLN | -DTVP0339 |
| 22 | KVYE | EL CENTRO CA | 62.5 | CP | BPCDT | -19991029ACL |
| 22 | KVYE-DT | EL CENTRO CA | 62.6 | PLN | DTVPLN | -DTVP0472 |
| 15 | KYUM | YUMA AZ | 0.3 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 32

Analysis of current record

| | | | |
|---------|------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 15 | KYUM | YUMA AZ | USERRECORD-01 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 14 | NEW | PHOENIX AZ | 224.5 | APP | BSFDTL -20060630BWL |
| 14 | NEW | PHOENIX AZ | 224.0 | APP | BSFDTL -20060630BPP |
| 14 | NEW | WELTON AZ | 0.1 | APP | BNPTTL -20000831BME |
| 14 | NEW | YUMA AZ | 26.1 | APP | BNPTTL -20000828AIF |
| 14 | NEW | YUMA AZ | 26.1 | APP | BNPTTL -20000828ARB |
| 15 | KNXV-TV | PHOENIX AZ | 224.3 | CP | BPCT -20071210ACY |
| 15 | NEW | LA JOLLA CA | 243.0 | APP | BDCCDTT -20070417AAM |
| 15 | K15HX-D | MORONGO VALLEY CA | 256.9 | CP | BDCCDTT -20061027AGT |
| 15 | KPBS | SAN DIEGO CA | 243.0 | LIC | BLET -20011221ABG |
| 15 | K15HW-D | TWENTYNINE PALMS,ETC CA | 216.5 | CP | BDCCDTT -20061030AIQ |
| 15 | KINC | LAS VEGAS NV | 369.5 | LIC | BLCT -19960116KE |
| 16 | KPHE-LD | PHOENIX AZ | 224.3 | APP | BMPDTL -20080911ABA |
| 16 | KPHE-LD | PHOENIX AZ | 224.4 | CP | BDCCDTL -20061025ADP |
| 16 | KSWT-DT | YUMA AZ | 62.4 | PLN | DTVPLN -DTVP0205 |
| 16 | KUNA-LD | INDIO CA | 220.5 | CP | BDCCDTL -20061030ABB |

Total scenarios = 1

Result key: 14
Scenario 1 Affected station 32 KYUM
Before Analysis

Results for: 15A AZ YUMA USERRECORD01 APP

| | | |
|--------------------------------|------------|--------------|
| HAAT 388.0 m, ATV ERP 15.0 kW | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 107190 | 5600.1 |
| not affected by terrain losses | 107176 | 5376.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 62 | 416.1 |
| lost to ATV IX only | 62 | 416.1 |
| lost to all IX | 62 | 416.1 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------|--------|----------|-----|
| 16A AZ YUMA | DTVPLN | DTVP0205 | PLN |
|-------------|--------|----------|-----|

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED