

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-05-2009 Time: 09:18:40

Record Selected for Analysis

KHFW-LP USERRECORD-01 DENISON TX US
Channel 29 ERP 4. kW HAAT 607. m RCAMSL 00825 m STRINGENT MASK
Latitude 033-32-08 Longitude 0096-49-54
Status APP Zone 2 Border
Dir Antenna Make usr Model SBP_UPC Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Census data selected: 2000

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 | 3.992 | 605.0 | 59.0 |
| 45.0 | 3.909 | 598.4 | 58.7 |
| 90.0 | 0.941 | 591.4 | 49.6 |
| 135.0 | 0.000 | 603.3 | 4.2 |
| 180.0 | 0.000 | 622.6 | 1.8 |
| 225.0 | 0.000 | 621.0 | 4.2 |
| 270.0 | 0.941 | 613.7 | 50.0 |
| 315.0 | 3.909 | 601.4 | 58.7 |

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 beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Start of Interference Analysis

| Proposed Station | | | |
|------------------|---------|------------|--------------|
| Channel | Call | City/State | ARN |
| 29 | KHFW-LP | DENISON TX | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------------|----------|--------|-------------|---------------|
| 28 | K28AC | ARDMORE OK | 76.2 | LIC | BLTT | -19820405IK |
| 28 | K28AC | ARDMORE OK | 76.2 | CP | BDFCDTA | -20060630AHS |
| 28 | K28DJ | BROKEN BOW OK | 196.4 | LIC | BLTTTL | -19900731IM |
| 28 | KHPK-LP | DE SOTO TX | 106.0 | LIC | BLTTTL | -20070829AAG |
| 28 | NEW | SHERMAN TX | 27.9 | APP | BSFDTL | -20060630ARW |
| 28 | KFDX-TV | WICHITA FALLS TX | 164.4 | CP MOD | BMPCDT | -20070621ABP |
| 29 | K29DC | EL DORADO AR | 384.2 | LIC | BLTTTL | -20001213ACL |
| 29 | KSJA-CA | NASHVILLE AR | 281.8 | APP | BSTA | -20070109AAP |
| 29 | KSJA-CA | NASHVILLE AR | 281.8 | CP | BDISTTA | -20080805ABF |
| 29 | KSJA-CA | NASHVILLE AR | 281.8 | APP | BDISTTA | -20070108ABP |
| 29 | K29EI | ELK CITY, ETC. OK | 301.5 | LIC | BLTT | -20031211ABL |
| 29 | KTUZ-TV | SHAWNEE OK | 232.8 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 232.8 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HY-D | STRONG CITY OK | 354.7 | CP | BDCCDTT | -20061030ADJ |
| 29 | KTZT-CA | TULSA OK | 300.6 | LIC | BLTTTL | -19991126AAQ |
| 29 | K29HZ-D | WOODWARD, ETC. OK | 403.6 | CP | BDCCDTT | -20061024AAI |
| 29 | KRBC-TV | ABILENE TX | 293.5 | LIC | BLCDT | -20070831AAK |
| 29 | K29HW-D | AUSTIN TX | 371.2 | CP | BDCCDTL | -20061027AAH |
| 29 | K29FR | QUANAH TX | 278.2 | LIC | BLTT | -20051129AEF |
| 29 | K29BH | WELLINGTON, ETC. TX | 338.1 | LIC | BLTT | -19880623ID |
| 30 | KMPX | DECATUR TX | 106.0 | LIC | BLCDT | -20060317AGE |
| 30 | KHFW-LP | DENISON TX | 46.8 | LIC | BLTTTL | -20080813AAS |
| 30 | K30DJ | WICHITA FALLS TX | 163.2 | LIC | BLTTTL | -19931112IW |
| 31 | KSWX-LP | DUNCAN OK | 149.0 | LIC | BLTTTL | -20080818AAY |
| 31 | K31JU | LAWTON OK | 193.5 | CP | BNPTTL | -20000830BTI |
| 31 | KGSW-LP | KEENE TX | 134.0 | LIC | BLTTTL | -20050819ACA |
| 36 | K36AB | LAWTON OK | 179.4 | LIC | BLTT | -19800211IG |
| 36 | KUWF-LP | WICHITA FALLS TX | 166.9 | LIC | BLTTTL | -200701119ADJ |

(The following information was obtained from the records of the Department of Social Services, State of New York, Division of Child Welfare, Office of the Director, dated 10/1/78.)

Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|------------|-------------|-------------|
| 28 | K28AC | ARDMORE OK | BLTT | -19820405IK |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------------|----------|--------|-------------|--------------|
| 26 | KTEN | ADA OK | 59.1 | CP | BPCDT | -19991007AAW |
| 26 | KTEN | ADA OK | 59.1 | PLN | DTVPLN | -DTVP0965 |
| 28 | KTBS-TV | SHREVEPORT LA | 341.4 | LIC | BLCDT | -20020911ABZ |
| 28 | KTBS-TV | SHREVEPORT LA | 341.4 | PLN | DTVPLN | -DTVP1033 |
| 28 | K28JX-D | ALVA - CHEROKEE OK | 317.6 | CP | BDCCDTT | -20061024ADZ |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|------------------|-------|--------|---------------|--------------|
| 28 | KTPX | OKMULGEE OK | 208.0 | LIC | BLCDDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 208.0 | PLN | DTVPLN | -DTVP1046 |
| 28 | WDYA-LD | ABILENE TX | 302.2 | CP | BDCCDTL | -20081215AAV |
| 28 | KYLE-DR | BRYAN TX | 392.5 | APP | BPRM | -20090203AEO |
| 28 | KYLE | BRYAN TX | 392.5 | PLN | DTVPLN | -DTVP1051 |
| 28 | KYLE | BRYAN TX | 392.5 | CP MOD | BMPCDT | -20080620AKH |
| 28 | KHPK-LP | DE SOTO TX | 176.0 | LIC | BLTTL | -20070829AAG |
| 28 | K28JW-D | MEMPHIS, ETC. TX | 323.5 | CP | BDCCDTT | -20061023AGF |
| 28 | NEW | SHERMAN TX | 75.5 | APP | BSFDTL | -20060630ARW |
| 28 | KFDX-TV | WICHITA FALLS TX | 132.5 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 132.5 | PLN | DTVPLN | -DTVP1053 |
| 43 | K43KJ-D | LAWTON OK | 118.9 | CP | BDCCDTL | -20061004AAG |
| 29 | KHFW-LP | DENISON TX | 76.2 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|------------|-------------|--------------|
| 28 | K28AC | ARDMORE OK | BDFCDTA | -20060630AHS |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------------|----------|--------|---------------|--------------|
| 28 | KTBS-TV | SHREVEPORT LA | 341.4 | LIC | BLCDDT | -20020911ABZ |
| 28 | KTBS-TV | SHREVEPORT LA | 341.4 | PLN | DTVPLN | -DTVP1033 |
| 28 | K28JX-D | ALVA - CHEROKEE OK | 317.6 | CP | BDCCDTT | -20061024ADZ |
| 28 | KTPX | OKMULGEE OK | 208.0 | LIC | BLCDDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 208.0 | PLN | DTVPLN | -DTVP1046 |
| 28 | WDYA-LD | ABILENE TX | 302.2 | CP | BDCCDTL | -20081215AAV |
| 28 | KYLE-DR | BRYAN TX | 392.5 | APP | BPRM | -20090203AEO |
| 28 | KYLE | BRYAN TX | 392.5 | PLN | DTVPLN | -DTVP1051 |
| 28 | KYLE | BRYAN TX | 392.5 | CP MOD | BMPCDT | -20080620AKH |
| 28 | K28JW-D | MEMPHIS, ETC. TX | 323.5 | CP | BDCCDTT | -20061023AGF |
| 28 | NEW | SHERMAN TX | 75.5 | APP | BSFDTL | -20060630ARW |
| 28 | KFDX-TV | WICHITA FALLS TX | 132.5 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 132.5 | PLN | DTVPLN | -DTVP1053 |
| 29 | KHFW-LP | DENISON TX | 76.2 | APP | USERRECORD-01 | |

Total scenarios = 12

Result key: 5

Scenario 5 Affected station 2 K28AC

Before Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP

HAAT 1.0 m, ATV ERP 1.1 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 53019 | 3472.1 |
| not affected by terrain losses | 52991 | 3452.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2809 | 472.5 |
| lost to ATV IX only | 2809 | 472.5 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | |
|---|---------|-------------|-----|
| lost to all IX | 2809 | 472.5 | |
| Potential Interfering Stations Included in above Scenario | | 5 | |
| 28A OK OKMULGEE | BLCDDT | 20020510AAQ | LIC |
| 28A TX SHERMAN | BSFDTL | 20060630ARW | APP |
| 28A TX WICHITA FALLS | BMPCDDT | 20070621ABP | CP |

After Analysis

| | | | |
|--------------------------------|------------|--------------|----|
| Results for: 28A OK ARDMORE | BDFCDTA | 20060630AHS | CP |
| HAAT 1.0 m, ATV ERP 1.1 kW | | | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 53019 | 3472.1 | |
| not affected by terrain losses | 52991 | 3452.5 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 2829 | 478.4 | |
| lost to ATV IX only | 2829 | 478.4 | |
| lost to all IX | 2829 | 478.4 | |

| | | |
|---|--------------|-----------------|
| Potential Interfering Stations Included in above Scenario | | 5 |
| 28A OK OKMULGEE | BLCDDT | 20020510AAQ LIC |
| 28A TX SHERMAN | BSFDTL | 20060630ARW APP |
| 28A TX WICHITA FALLS | BMPCDDT | 20070621ABP CP |
| 29A TX DENISON | USERRECORD01 | APP |

Percent new IX = 0.0399%

Worst case new IX 0.0399% Scenario 5

(NOTE: WORST-CASE SCENARIO TO THIS AFFECTED STATION IS SHOWN—ALL OTHERS HAVE BEEN REMOVE. ALL REMOVED SCENARIOS SHOW THE SAME OR LESS NEW INTERFERENCE THAN SHOWN BY THE WORST-CASE SCENARIO.)

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Analysis of Interference to Affected Station 3

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|---------------|----------------------|
| 28 | K28DJ | BROKEN BOW OK | BLTTTL -19900731IM |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|---------------|----------|--------|-----------------------|
| 21 | KHBS | FORT SMITH AR | 126.3 | LIC | BLCDDT -20031121AMR |
| 21 | KHBS | FORT SMITH AR | 126.3 | PLN | DTVPLN -DTVP0745 |
| 28 | DK66FM | FORT SMITH AR | 171.8 | CP | BDISTTTL -20060403ASF |
| 28 | KTBS-TV | SHREVEPORT LA | 159.0 | LIC | BLCDDT -20020911ABZ |
| 28 | KTBS-TV | SHREVEPORT LA | 159.0 | PLN | DTVPLN -DTVP1033 |
| 28 | K28AC | ARDMORE OK | 222.1 | CP | BDFCDTA -20060630AHS |
| 28 | KTPX | OKMULGEE OK | 244.7 | LIC | BLCDDT -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 244.7 | PLN | DTVPLN -DTVP1046 |
| 28 | KYLE-DR | BRYAN TX | 393.4 | APP | BPRM -20090203AEO |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|------------------|-------|--------|---------------|--------------|
| 28 | KYLE | BRYAN TX | 393.4 | PLN | DTVPLN | -DTVP1051 |
| 28 | KYLE | BRYAN TX | 393.4 | CP MOD | BMPCDT | -20080620AKH |
| 28 | KHPK-LP | DE SOTO TX | 254.0 | LIC | BLTTTL | -20070829AAG |
| 28 | NEW | SHERMAN TX | 170.7 | APP | BSFDTL | -20060630ARW |
| 28 | KFDX-TV | WICHITA FALLS TX | 350.1 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 350.1 | PLN | DTVPLN | -DTVP1053 |
| 29 | KHFW-LP | DENISON TX | 196.4 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 28 | KHPK-LP | DE SOTO TX | BLTTTL | -20070829AAG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|-------------|--------------|
| 20 | KWBU-TV | WACO TX | 145.3 | LIC | BLEDT | -20060622AAS |
| 20 | KWBU-TV | WACO TX | 145.3 | PLN | DTVPLN | -DTVP0737 |
| 25 | KWKT-DR | WACO TX | 145.6 | APP | BPRM | -20081106AWQ |
| 26 | KXXV | WACO TX | 142.7 | LIC | BLCDDT | -20050630AFE |
| 26 | KXXV | WACO TX | 142.7 | PLN | DTVPLN | -DTVP0974 |
| 28 | KTBS-TV | SHREVEPORT LA | 284.4 | LIC | BLCDDT | -20020911ABZ |
| 28 | KTBS-TV | SHREVEPORT LA | 284.4 | PLN | DTVPLN | -DTVP1033 |
| 28 | K28AC | ARDMORE OK | 176.0 | LIC | BLTT | -19820405IK |
| 28 | K28AC | ARDMORE OK | 176.0 | CP | BDFCDTA | -20060630AHS |
| 28 | KTPX | OKMULGEE OK | 368.9 | LIC | BLCDDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 368.9 | PLN | DTVPLN | -DTVP1046 |
| 28 | WDYA-LD | ABILENE TX | 261.5 | CP | BDCCDTL | -20081215AAV |
| 28 | KYLE-DR | BRYAN TX | 217.4 | APP | BPRM | -20090203AEO |
| 28 | KYLE | BRYAN TX | 217.4 | PLN | DTVPLN | -DTVP1051 |
| 28 | KYLE | BRYAN TX | 217.4 | CP MOD | BMPCDT | -20080620AKH |
| 28 | NEW | SHERMAN TX | 126.4 | APP | BSFDTL | -20060630ARW |
| 28 | KFDX-TV | WICHITA FALLS TX | 206.6 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 206.6 | PLN | DTVPLN | -DTVP1053 |
| 30 | KMPX | DECATUR TX | 0.2 | LIC | BLCDDT | -20060317AGE |
| 30 | KMPX | DECATUR TX | 0.2 | PLN | DTVPLN | -DTVP1116 |
| 32 | KDAF | DALLAS TX | 5.2 | LIC | BLCDDT | -20010606ABJ |
| 32 | KDAF | DALLAS TX | 5.2 | PLN | DTVPLN | -DTVP1196 |
| 32 | KDAF | DALLAS TX | 5.2 | CP | BPCDDT | -20080620AET |
| 35 | KDFW | DALLAS TX | 0.9 | LIC | BLCDDT | -19981117KF |
| 35 | KDFW | DALLAS TX | 0.9 | PLN | DTVPLN | -DTVP1306 |
| 35 | KDFW | DALLAS TX | 0.9 | CP | BPCDDT | -20080616AAL |
| 36 | KDFI | DALLAS TX | 5.2 | CP | BPCDDT | -20080723AAS |
| 36 | KDFI | DALLAS TX | 5.2 | PLN | DTVPLN | -DTVP1349 |
| 42 | KPXD | ARLINGTON TX | 5.2 | CP | BPCDDT | -20080619AJA |
| 42 | KPXD | ARLINGTON TX | 0.3 | PLN | DTVPLN | -DTVP1517 |
| 42 | KPXD | ARLINGTON TX | 0.3 | LIC | BLCDDT | -20021028AAO |
| 43 | KDTN | DENTON TX | 5.2 | LIC | BLEDT | -20040301AAH |
| 43 | KDTN | DENTON TX | 5.2 | PLN | DTVPLN | -DTVP1557 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29 KHFW-LP DENISON TX 106.0 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. |
|---------|------|------------|-------------|--------------|
| 28 | NEW | SHERMAN TX | BSFDTL | -20060630ARW |

(NOTE: THE PROPOSED DISPLACEMENT APPLICATION HAS PRIORITY OVER THIS PENDING DIGITAL COMPANION-CHANNEL APPLICATION; THEREFORE, THE STUDY TO THIS AFFECTED STATION IS NOT REQUIRED AND HAS BEEN REMOVED.)

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Analysis of Interference to Affected Station 6

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------------|-------------|--------------|
| 28 | KFDX-TV | WICHITA FALLS TX | BMPCDT | -20070621ABP |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 27 | KFOR-TV | OKLAHOMA CITY OK | 213.5 | LIC | BLCDDT | -20050701ABR |
| 27 | KFOR-TV | OKLAHOMA CITY OK | 213.5 | PLN | DTVPLN | -DTVP1008 |
| 28 | KTPX | OKMULGEE OK | 309.8 | LIC | BLCDDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 309.8 | PLN | DTVPLN | -DTVP1046 |
| 28 | KYLE-DR | BRYAN TX | 408.3 | APP | BPRM | -20090203AEO |
| 28 | KYLE | BRYAN TX | 408.3 | PLN | DTVPLN | -DTVP1051 |
| 28 | KYLE | BRYAN TX | 408.3 | CP MOD | BMPCDT | -20080620AKH |
| 29 | KTUZ-TV | SHAWNEE OK | 209.9 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 209.9 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 209.9 | CP MOD | BMPCDT | -20060707AFM |
| 29 | KRBC-TV | ABILENE TX | 203.7 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 203.7 | PLN | DTVPLN | -DTVP1089 |
| 29 | KHFW-LP | DENISON TX | 164.4 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|--------------|-------------|--------------|
| 29 | K29DC | EL DORADO AR | BLTTL | -20001213ACL |

Stations Potentially Affecting This Station

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 21 | KPXJ | MINDEN LA | 131.9 | PLN | DTVPLN | -DTVP0759 |
| 21 | KPXJ | MINDEN LA | 131.9 | LIC | BLCDDT | -20050930AAL |
| 22 | KATV | LITTLE ROCK AR | 141.3 | PLN | DTVPLN | -DTVP0786 |
| 26 | KVTH | HOT SPRINGS AR | 126.3 | CP | BPCDDT | -20080331APY |
| 26 | KVTH | HOT SPRINGS AR | 126.4 | PLN | DTVPLN | -DTVP0939 |
| 27 | KTVE | EL DORADO AR | 49.2 | PLN | DTVPLN | -DTVP0980 |
| 27 | KTVE | EL DORADO AR | 49.2 | LIC | BLCDDT | -20070105ABH |
| 28 | KTBS-TV | SHREVEPORT LA | 131.9 | LIC | BLCDDT | -20020911ABZ |
| 28 | KTBS-TV | SHREVEPORT LA | 131.9 | PLN | DTVPLN | -DTVP1033 |
| 29 | KSJA-CA | NASHVILLE AR | 129.5 | APP | BSTA | -20070109AAP |
| 29 | KSJA-CA | NASHVILLE AR | 129.5 | CP | BDISTTA | -20080805ABF |
| 29 | KSJA-CA | NASHVILLE AR | 129.5 | APP | BDISTTA | -20070108ABP |
| 29 | WKNO | MEMPHIS TN | 337.5 | CP MOD | BMPEDT | -20021112ACA |
| 29 | WKNO | MEMPHIS TN | 337.5 | PLN | DTVPLN | -DTVP1088 |
| 29 | WKNO | MEMPHIS TN | 337.5 | LIC | BLEDT | -20060627ABE |
| 29 | KQHO-LP | BEAUMONT TX | 372.5 | APP | BDISDTL | -20090410AFN |
| 36 | KARD | WEST MONROE LA | 139.8 | CP MOD | BMPCDDT | -20070125ACR |
| 36 | KARD | WEST MONROE LA | 139.8 | PLN | DTVPLN | -DTVP1329 |
| 43 | KEJB | EL DORADO AR | 49.2 | PLN | DTVPLN | -DTVP1525 |
| 43 | KEJB | EL DORADO AR | 49.4 | CP MOD | BMPCDDT | -20080620AKK |
| 44 | KSHV | SHREVEPORT LA | 133.0 | LIC | BLCDDT | -20060215ACP |
| 44 | KSHV | SHREVEPORT LA | 133.0 | PLN | DTVPLN | -DTVP1575 |
| 29 | KHFW-LP | DENISON TX | 384.2 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|--------------|-------------|--------------|
| 29 | KSJA-CA | NASHVILLE AR | BSTA | -20070109AAP |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 21 | KHBS | FORT SMITH AR | 145.5 | LIC | BLCDDT | -20031121AMR |
| 21 | KHBS | FORT SMITH AR | 145.5 | PLN | DTVPLN | -DTVP0745 |
| 21 | KPXJ | MINDEN LA | 142.7 | PLN | DTVPLN | -DTVP0759 |
| 21 | KPXJ | MINDEN LA | 142.7 | LIC | BLCDDT | -20050930AAL |
| 26 | KVTH | HOT SPRINGS AR | 84.8 | CP | BPCDDT | -20080331APY |
| 26 | KVTH | HOT SPRINGS AR | 84.8 | PLN | DTVPLN | -DTVP0939 |
| 29 | K29DC | EL DORADO AR | 129.5 | LIC | BLTTL | -20001213ACL |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | CP MOD | BMPCDDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | CP MOD | BMPCDDT | -20060707AFM |
| 29 | WKNO | MEMPHIS TN | 389.6 | CP MOD | BMPEDT | -20021112ACA |
| 29 | WKNO | MEMPHIS TN | 389.6 | PLN | DTVPLN | -DTVP1088 |
| 29 | WKNO | MEMPHIS TN | 389.6 | LIC | BLEDT | -20060627ABE |
| 44 | KSHV | SHREVEPORT LA | 144.9 | LIC | BLCDDT | -20060215ACP |
| 44 | KSHV | SHREVEPORT LA | 144.9 | PLN | DTVPLN | -DTVP1575 |
| 29 | KHFW-LP | DENISON TX | 281.8 | APP | USERRECORD-01 | |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

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. |
|---------|---------|--------------|-------------|--------------|
| 29 | KSJA-CA | NASHVILLE AR | BDISTTA | -20080805ABF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 21 | KHBS | FORT SMITH AR | 145.5 | LIC | BLCDDT | -20031121AMR |
| 21 | KHBS | FORT SMITH AR | 145.5 | PLN | DTVPLN | -DTVP0745 |
| 21 | KPXJ | MINDEN LA | 142.7 | PLN | DTVPLN | -DTVP0759 |
| 21 | KPXJ | MINDEN LA | 142.7 | LIC | BLCDDT | -20050930AAL |
| 26 | KVTH | HOT SPRINGS AR | 84.8 | CP | BPCDDT | -20080331APY |
| 26 | KVTH | HOT SPRINGS AR | 84.8 | PLN | DTVPLN | -DTVP0939 |
| 29 | K29DC | EL DORADO AR | 129.5 | LIC | BLTTTL | -20001213ACL |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | CP MOD | BMPCDDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | CP MOD | BMPCDDT | -20060707AFM |
| 29 | WKNO | MEMPHIS TN | 389.6 | CP MOD | BMPEDT | -20021112ACA |
| 29 | WKNO | MEMPHIS TN | 389.6 | PLN | DTVPLN | -DTVP1088 |
| 29 | WKNO | MEMPHIS TN | 389.6 | LIC | BLEDT | -20060627ABE |
| 44 | KSHV | SHREVEPORT LA | 144.9 | LIC | BLCDDT | -20060215ACP |
| 44 | KSHV | SHREVEPORT LA | 144.9 | PLN | DTVPLN | -DTVP1575 |
| 29 | KHFW-LP | DENISON TX | 281.8 | 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. |
|---------|---------|--------------|-------------|--------------|
| 29 | KSJA-CA | NASHVILLE AR | BDISTTA | -20070108ABP |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|-------------|--------------|
| 21 | KHBS | FORT SMITH AR | 145.5 | LIC | BLCDDT | -20031121AMR |
| 21 | KHBS | FORT SMITH AR | 145.5 | PLN | DTVPLN | -DTVP0745 |
| 21 | KPXJ | MINDEN LA | 142.7 | PLN | DTVPLN | -DTVP0759 |
| 21 | KPXJ | MINDEN LA | 142.7 | LIC | BLCDDT | -20050930AAL |
| 26 | KVTH | HOT SPRINGS AR | 84.8 | CP | BPCDDT | -20080331APY |
| 26 | KVTH | HOT SPRINGS AR | 84.8 | PLN | DTVPLN | -DTVP0939 |
| 29 | K29DC | EL DORADO AR | 129.5 | LIC | BLTTTL | -20001213ACL |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | CP MOD | BMPCDDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 378.1 | CP MOD | BMPCDDT | -20060707AFM |
| 29 | WKNO | MEMPHIS TN | 389.6 | CP MOD | BMPEDT | -20021112ACA |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|---------------|-------|-----|---------------|--------------|
| 29 | WKNO | MEMPHIS TN | 389.6 | PLN | DTVPLN | -DTVP1088 |
| 29 | WKNO | MEMPHIS TN | 389.6 | LIC | BLEDT | -20060627ABE |
| 44 | KSHV | SHREVEPORT LA | 144.9 | LIC | BLCDDT | -20060215ACP |
| 44 | KSHV | SHREVEPORT LA | 144.9 | PLN | DTVPLN | -DTVP1575 |
| 29 | KHFW-LP | DENISON TX | 281.8 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|-------------------|-------------|--------------|
| 29 | K29EI | ELK CITY, ETC. OK | BLTT | -20031211ABL |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------------|----------|--------|---------------|--------------|
| 28 | K28JX-D | ALVA - CHEROKEE OK | 171.0 | CP | BDCCDTT | -20061024ADZ |
| 28 | K28JW-D | MEMPHIS, ETC. TX | 136.0 | CP | BDCCDTT | -20061023AGF |
| 29 | KTUZ-TV | SHAWNEE OK | 163.0 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 163.0 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 163.0 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HY-D | STRONG CITY OK | 55.4 | CP | BDCCDTT | -20061030ADJ |
| 29 | K29HZ-D | WOODWARD, ETC. OK | 134.3 | CP | BDCCDTT | -20061024AAI |
| 29 | KRBC-TV | ABILENE TX | 343.7 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 343.7 | PLN | DTVPLN | -DTVP1089 |
| 29 | K29BR | CANADIAN, ETC. TX | 125.6 | LIC | BLTT | -19880613IH |
| 29 | K29BH | WELLINGTON, ETC. TX | 106.2 | LIC | BLTT | -19880623ID |
| 30 | K30AE | ALVA OK | 171.2 | CP | BDFCDTA | -20060630AHT |
| 30 | K30JP-D | SAYRE OK | 46.4 | CP | BDCCDTT | -20061030ADL |
| 44 | K44AP | ELK CITY, ETC. OK | 0.0 | LIC | BLTT | -19841025IA |
| 44 | K44IW-D | HOLLIS OK | 84.2 | CP | BDCCDTT | -20061030ACW |
| 29 | KHFW-LP | DENISON TX | 301.5 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 12

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 29 | KTUZ-TV | SHAWNEE OK | BMPCDT | -20080619AKA |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|-------------|--------------|
| 28 | KTPX | OKMULGEE OK | 126.6 | LIC | BLCDDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 126.6 | PLN | DTVPLN | -DTVP1046 |
| 28 | KFDX-TV | WICHITA FALLS TX | 209.9 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 209.9 | PLN | DTVPLN | -DTVP1053 |
| 29 | KRBC-TV | ABILENE TX | 413.6 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 413.6 | PLN | DTVPLN | -DTVP1089 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29 KHFW-LP DENISON TX 232.8 APP USERRECORD-01

Total scenarios = 4

Result key: 21
 Scenario 1 Affected station 12 KTUZ-TV
 Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP
 HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4868 | 507.2 |
| lost to ATV IX only | 4868 | 507.2 |
| lost to all IX | 4868 | 507.2 |

Potential Interfering Stations Included in above Scenario 1

28A OK OKMULGEE BLCDT 20020510AAQ LIC

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP
 HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4941 | 540.0 |
| lost to ATV IX only | 4941 | 540.0 |
| lost to all IX | 4941 | 540.0 |

Potential Interfering Stations Included in above Scenario 1

28A OK OKMULGEE BLCDT 20020510AAQ LIC
 29A TX DENISON USERRECORD01 APP

Percent new IX = 0.0049%

Result key: 22
 Scenario 2 Affected station 12 KTUZ-TV
 Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP
 HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4868 | 507.2 |
| lost to ATV IX only | 4868 | 507.2 |
| lost to all IX | 4868 | 507.2 |

Potential Interfering Stations Included in above Scenario 2

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

28A OK OKMULGEE DTVPLN DTVP1046 PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP

HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4941 | 540.0 |
| lost to ATV IX only | 4941 | 540.0 |
| lost to all IX | 4941 | 540.0 |

Potential Interfering Stations Included in above Scenario 2

28A OK OKMULGEE DTVPLN DTVP1046 PLN

29A TX DENISON USERRECORD01 APP

Percent new IX = 0.0049%

Result key: 23

Scenario 3 Affected station 12 KTUZ-TV

Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP

HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4868 | 507.2 |
| lost to ATV IX only | 4868 | 507.2 |
| lost to all IX | 4868 | 507.2 |

Potential Interfering Stations Included in above Scenario 3

28A OK OKMULGEE BLCDT 20020510AAQ LIC

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP

HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4941 | 540.0 |
| lost to ATV IX only | 4941 | 540.0 |
| lost to all IX | 4941 | 540.0 |

Potential Interfering Stations Included in above Scenario 3

28A OK OKMULGEE BLCDT 20020510AAQ LIC

29A TX DENISON USERRECORD01 APP

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Percent new IX = 0.0049%

Result key: 24
 Scenario 4 Affected station 12 KTUZ-TV
 Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP
 HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4868 | 507.2 |
| lost to ATV IX only | 4868 | 507.2 |
| lost to all IX | 4868 | 507.2 |

Potential Interfering Stations Included in above Scenario 4

28A OK OKMULGEE DTVPLN DTVP1046 PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20080619AKA CP
 HAAT 474.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1489007 | 41174.2 |
| not affected by terrain losses | 1488122 | 40927.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4941 | 540.0 |
| lost to ATV IX only | 4941 | 540.0 |
| lost to all IX | 4941 | 540.0 |

Potential Interfering Stations Included in above Scenario 4

28A OK OKMULGEE DTVPLN DTVP1046 PLN
 29A TX DENISON USERRECORD01 APP

Percent new IX = 0.0049%

Worst case new IX 0.0049% Scenario 1

#####

Analysis of Interference to Affected Station 13

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 29 | KTUZ-TV | SHAWNEE OK | BMPCDT | -20060707AFM |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|-------------|--------------|
| 28 | KTPX | OKMULGEE OK | 126.6 | LIC | BLCDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 126.6 | PLN | DTVPLN | -DTVP1046 |
| 28 | KFDX-TV | WICHITA FALLS TX | 209.9 | CP MOD | BMPCDT | -20070621ABP |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|------------------|-------|-----|---------------|--------------|
| 28 | KFDX-TV | WICHITA FALLS TX | 209.9 | PLN | DTVPLN | -DTVP1053 |
| 29 | KRBC-TV | ABILENE TX | 413.6 | LIC | BLCDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 413.6 | PLN | DTVPLN | -DTVP1089 |
| 29 | KHFW-LP | DENISON TX | 232.8 | APP | USERRECORD-01 | |

Total scenarios = 4

Result key: 25
 Scenario 1 Affected station 13 KTUZ-TV
 Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1464832 | 39349.8 |
| not affected by terrain losses | 1464187 | 39143.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 5426 | 417.9 |
| lost to ATV IX only | 5426 | 417.9 |
| lost to all IX | 5426 | 417.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-----------------|-------|-------------|-----|
| 28A OK OKMULGEE | BLCDT | 20020510AAQ | LIC |
|-----------------|-------|-------------|-----|

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1464832 | 39349.8 |
| not affected by terrain losses | 1464187 | 39143.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 5494 | 452.6 |
| lost to ATV IX only | 5494 | 452.6 |
| lost to all IX | 5494 | 452.6 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-----------------|--------------|-------------|-----|
| 28A OK OKMULGEE | BLCDT | 20020510AAQ | LIC |
| 29A TX DENISON | USERRECORD01 | | APP |

Percent new IX = 0.0047%

Result key: 26
 Scenario 2 Affected station 13 KTUZ-TV
 Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1464832 | 39349.8 |
| not affected by terrain losses | 1464187 | 39143.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 5426 | 417.9 |
| lost to ATV IX only | 5426 | 417.9 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | |
|---|--------|----------|-----|
| lost to all IX | 5426 | 417.9 | |
| Potential Interfering Stations Included in above Scenario | | | 2 |
| 28A OK OKMULGEE | DTVPLN | DTVP1046 | PLN |

After Analysis

| | | | |
|---|--------------|--------------|-----|
| Results for: 29A OK SHAWNEE | BMPCDT | 20060707AFM | CP |
| HAAT 474.0 m, ATV ERP 770.0 kW | | | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1464832 | 39349.8 | |
| not affected by terrain losses | 1464187 | 39143.3 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 5494 | 452.6 | |
| lost to ATV IX only | 5494 | 452.6 | |
| lost to all IX | 5494 | 452.6 | |
| Potential Interfering Stations Included in above Scenario | | | 2 |
| 28A OK OKMULGEE | DTVPLN | DTVP1046 | PLN |
| 29A TX DENISON | USERRECORD01 | | APP |

Percent new IX = 0.0047%

Result key: 27

Scenario 3 Affected station 13 KTUZ-TV

Before Analysis

| | | | |
|---|------------|--------------|-----|
| Results for: 29A OK SHAWNEE | BMPCDT | 20060707AFM | CP |
| HAAT 474.0 m, ATV ERP 770.0 kW | | | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1464832 | 39349.8 | |
| not affected by terrain losses | 1464187 | 39143.3 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 5426 | 417.9 | |
| lost to ATV IX only | 5426 | 417.9 | |
| lost to all IX | 5426 | 417.9 | |
| Potential Interfering Stations Included in above Scenario | | | 3 |
| 28A OK OKMULGEE | BLCDT | 20020510AAQ | LIC |

After Analysis

| | | | |
|---|------------|--------------|----|
| Results for: 29A OK SHAWNEE | BMPCDT | 20060707AFM | CP |
| HAAT 474.0 m, ATV ERP 770.0 kW | | | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1464832 | 39349.8 | |
| not affected by terrain losses | 1464187 | 39143.3 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 5494 | 452.6 | |
| lost to ATV IX only | 5494 | 452.6 | |
| lost to all IX | 5494 | 452.6 | |
| Potential Interfering Stations Included in above Scenario | | | 3 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

28A OK OKMULGEE BLCDT 20020510AAQ LIC
29A TX DENISON USERRECORD01 APP

Percent new IX = 0.0047%

Result key: 28
Scenario 4 Affected station 13 KTUZ-TV
Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
HAAT 474.0 m, ATV ERP 770.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1464832 | 39349.8 |
| not affected by terrain losses | 1464187 | 39143.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 5426 | 417.9 |
| lost to ATV IX only | 5426 | 417.9 |
| lost to all IX | 5426 | 417.9 |

Potential Interfering Stations Included in above Scenario 4

28A OK OKMULGEE DTVPLN DTVP1046 PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
HAAT 474.0 m, ATV ERP 770.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1464832 | 39349.8 |
| not affected by terrain losses | 1464187 | 39143.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 5494 | 452.6 |
| lost to ATV IX only | 5494 | 452.6 |
| lost to all IX | 5494 | 452.6 |

Potential Interfering Stations Included in above Scenario 4

28A OK OKMULGEE DTVPLN DTVP1046 PLN
29A TX DENISON USERRECORD01 APP

Percent new IX = 0.0047%

Worst case new IX 0.0047% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 29 | K29HY-D | STRONG CITY OK | BDCCDTT -20061030ADJ |

Stations Potentially Affecting This Station

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

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|--------------------|-------|--------|---------------|--------------|
| 28 | K28JX-D | ALVA - CHEROKEE OK | 144.5 | CP | BDCCDTT | -20061024ADZ |
| 28 | K28BY | STRONG CITY OK | 0.0 | LIC | BLTT | -19950127JE |
| 28 | K28JW-D | MEMPHIS, ETC. TX | 142.5 | CP | BDCCDTT | -20061023AGF |
| 29 | K29EI | ELK CITY, ETC. OK | 55.4 | LIC | BLTT | -20031211ABL |
| 29 | KTUZ-TV | SHAWNEE OK | 191.4 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 191.4 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 191.4 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HZ-D | WOODWARD, ETC. OK | 91.3 | CP | BDCCDTT | -20061024AAI |
| 29 | KRBC-TV | ABILENE TX | 389.6 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 389.6 | PLN | DTVPLN | -DTVP1089 |
| 29 | K29BR | CANADIAN, ETC. TX | 75.7 | LIC | BLTT | -19880613IH |
| 30 | K30AE | ALVA OK | 144.6 | CP | BDFCDTA | -20060630AHT |
| 30 | K30JP-D | SAYRE OK | 71.1 | CP | BDCCDTT | -20061030ADL |
| 30 | K30EF | STRONG CITY OK | 0.0 | LIC | BLTT | -19940902IK |
| 29 | KHFW-LP | DENISON TX | 354.7 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 29 | KTZT-CA | TULSA OK | BLTTTL | -19991126AAQ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------|----------|--------|---------------|--------------|
| 22 | KOKI-TV | TULSA OK | 31.2 | LIC | BLCDDT | -20021127AGL |
| 22 | KOKI-TV | TULSA OK | 31.2 | PLN | DTVPLN | -DTVP0814 |
| 28 | KTPX | OKMULGEE OK | 37.2 | LIC | BLCDDT | -20020510AAQ |
| 28 | KTPX | OKMULGEE OK | 37.2 | PLN | DTVPLN | -DTVP1046 |
| 29 | KMBC-TV | KANSAS CITY MO | 350.9 | CP MOD | BMPCDT | -20081216BJR |
| 29 | KMBC-TV | KANSAS CITY MO | 350.9 | PLN | DTVPLN | -DTVP1070 |
| 29 | KMBC-DR | KANSAS CITY MO | 350.9 | APP | BPRM | -20080616AEO |
| 29 | KTUZ-TV | SHAWNEE OK | 149.8 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 149.8 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 149.8 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HY-D | STRONG CITY OK | 326.1 | CP | BDCCDTT | -20061030ADJ |
| 29 | K29HZ-D | WOODWARD, ETC. OK | 297.8 | CP | BDCCDTT | -20061024AAI |
| 31 | KOET | EUFAULA OK | 122.5 | LIC | BLEDT | -20060601BJT |
| 31 | KOET | EUFAULA OK | 122.5 | PLN | DTVPLN | -DTVP1151 |
| 36 | KRSC-TV | CLAREMORE OK | 44.1 | LIC | BLEDT | -20061011AAM |
| 36 | KRSC-TV | CLAREMORE OK | 44.1 | PLN | DTVPLN | -DTVP1342 |
| 29 | KHFW-LP | DENISON TX | 300.6 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|----------|
|---------|------|------------|-------------|----------|

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29 K29HZ-D WOODWARD, ETC. OK BDCCDTT -20061024AAI

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------------|----------|--------|---------------|--------------|
| 28 | K28JX-D | ALVA - CHEROKEE OK | 68.5 | CP | BDCCDTT | -20061024ADZ |
| 29 | KSAS-LP | DODGE CITY KS | 151.8 | LIC | BLTTL | -19941209JF |
| 29 | KUVR-LD | MCCOOK NE | 423.2 | LIC | BLDTL | -20070619AAU |
| 29 | K29EI | ELK CITY, ETC. OK | 134.3 | LIC | BLTT | -20031211ABL |
| 29 | KTUZ-TV | SHAWNEE OK | 196.0 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 196.0 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 196.0 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HY-D | STRONG CITY OK | 91.3 | CP | BDCCDTT | -20061030ADJ |
| 29 | K29BR | CANADIAN, ETC. TX | 110.8 | LIC | BLTT | -19880613IH |
| 30 | K30GD | GREAT BEND KS | 210.4 | CP | BDFCDTT | -20060331ACT |
| 30 | K30AE | ALVA OK | 68.6 | CP | BDFCDTA | -20060630AHT |
| 30 | K30JP-D | SAYRE OK | 162.0 | CP | BDCCDTT | -20061030ADL |
| 29 | KHFW-LP | DENISON TX | 403.6 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 17

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 29 | KRBC-TV | ABILENE TX | BLCDT | -20070831AAK |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 28 | KFDX-TV | WICHITA FALLS TX | 203.7 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 203.7 | PLN | DTVPLN | -DTVP1053 |
| 29 | KUPT | HOBBS NM | 331.7 | CP MOD | BMPCDT | -20081016AFL |
| 29 | KUPT | HOBBS NM | 331.7 | PLN | DTVPLN | -DTVP1077 |
| 29 | KTUZ-TV | SHAWNEE OK | 413.6 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 413.6 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 413.6 | CP MOD | BMPCDT | -20060707AFM |
| 29 | KHFW-LP | DENISON TX | 293.5 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 18

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 29 | K29HW-D | AUSTIN TX | BDCCDTL | -20061027AAH |

Stations Potentially Affecting This Station

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------|----------|--------|---------------|--------------|
| 28 | KYLE-DR | BRYAN TX | 133.4 | APP | BPRM | -20090203AEO |
| 28 | KYLE | BRYAN TX | 133.4 | PLN | DTVPLN | -DTVP1051 |
| 28 | KYLE | BRYAN TX | 133.4 | CP MOD | BMPCDT | -20080620AKH |
| 29 | KRBC-TV | ABILENE TX | 283.1 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 283.1 | PLN | DTVPLN | -DTVP1089 |
| 29 | KQHO-LP | BEAUMONT TX | 357.5 | APP | BDISDTL | -20090410AFN |
| 29 | KJIB-LP | CLEAR LAKE TX | 228.9 | CP | BDISDTL | -20080514AGQ |
| 29 | K29IP-D | CORPUS CHRISTI TX | 278.8 | LIC | BLDTL | -20090210AAU |
| 30 | K30JA-D | KILLEEN TX | 88.3 | LIC | BLDTL | -20090416ASY |
| 30 | KABB | SAN ANTONIO TX | 121.9 | APP | BMPCDT | -20080620AKE |
| 30 | KABB | SAN ANTONIO TX | 121.9 | PLN | DTVPLN | -DTVP1118 |
| 30 | KABB | SAN ANTONIO TX | 121.9 | CP | BPCDT | -19991028AAR |
| 29 | KHFW-LP | DENISON TX | 371.2 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 19

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|------------|-------------|--------------|
| 29 | K29FR | QUANAH TX | BLTT | -20051129AEF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------------|----------|--------|---------------|--------------|
| 22 | KAUZ-TV | WICHITA FALLS TX | 115.4 | CP | BPCDT | -19991028ADQ |
| 22 | KAUZ-TV | WICHITA FALLS TX | 115.4 | PLN | DTVPLN | -DTVP0822 |
| 28 | WDYA-LD | ABILENE TX | 186.7 | CP | BDCCDTL | -20081215AAV |
| 28 | K28JW-D | MEMPHIS, ETC. TX | 103.4 | CP | BDCCDTT | -20061023AGF |
| 28 | KFDX-TV | WICHITA FALLS TX | 114.1 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 114.1 | PLN | DTVPLN | -DTVP1053 |
| 29 | KUPT | HOBBS NM | 352.8 | CP MOD | BMPCDT | -20081016AFL |
| 29 | KUPT | HOBBS NM | 352.8 | PLN | DTVPLN | -DTVP1077 |
| 29 | K29EI | ELK CITY, ETC. OK | 134.2 | LIC | BLTT | -20031211ABL |
| 29 | KTUZ-TV | SHAWNEE OK | 254.0 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 254.0 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 254.0 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HY-D | STRONG CITY OK | 175.2 | CP | BDCCDTT | -20061030ADJ |
| 29 | K29HZ-D | WOODWARD, ETC. OK | 264.9 | CP | BDCCDTT | -20061024AAI |
| 29 | KRBC-TV | ABILENE TX | 215.4 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 215.4 | PLN | DTVPLN | -DTVP1089 |
| 29 | K69IT | MIDLAND TX | 340.3 | APP | BDISDTL | -20080428ABC |
| 29 | K29BH | WELLINGTON, ETC. TX | 74.9 | LIC | BLTT | -19880623ID |
| 30 | K30JP-D | SAYRE OK | 104.5 | CP | BDCCDTT | -20061030ADL |
| 44 | K44IW-D | HOLLIS OK | 59.3 | CP | BDCCDTT | -20061030ACW |
| 29 | KHFW-LP | DENISON TX | 278.2 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Analysis of Interference to Affected Station 20

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|---------------------|-------------|-------------|
| 29 | K29BH | WELLINGTON, ETC. TX | BLTT | -19880623ID |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------|----------|--------|---------------|--------------|
| 28 | K28JW-D | MEMPHIS, ETC. TX | 37.8 | CP | BDCCDTT | -20061023AGF |
| 29 | KUPT | HOBBS NM | 351.8 | CP MOD | BMPCDT | -20081016AFL |
| 29 | KUPT | HOBBS NM | 351.8 | PLN | DTVPLN | -DTVP1077 |
| 29 | K29EI | ELK CITY, ETC. OK | 106.2 | LIC | BLTT | -20031211ABL |
| 29 | KTUZ-TV | SHAWNEE OK | 261.0 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 261.0 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 261.0 | CP MOD | BMPCDT | -20060707AFM |
| 29 | K29HY-D | STRONG CITY OK | 125.2 | CP | BDCCDTT | -20061030ADJ |
| 29 | K29HZ-D | WOODWARD, ETC. OK | 215.9 | CP | BDCCDTT | -20061024AAI |
| 29 | KRBC-TV | ABILENE TX | 282.5 | LIC | BLCDDT | -20070831AAK |
| 29 | KRBC-TV | ABILENE TX | 282.5 | PLN | DTVPLN | -DTVP1089 |
| 29 | K29GD | AMARILLO TX | 157.6 | APP | BSTA | -20070802AEH |
| 29 | K69IT | MIDLAND TX | 363.2 | APP | BDISDTL | -20080428ABC |
| 29 | K29FR | QUANAH TX | 74.9 | LIC | BLTT | -20051129AEF |
| 30 | K30JP-D | SAYRE OK | 60.7 | CP | BDCCDTT | -20061030ADL |
| 44 | K44IW-D | HOLLIS OK | 35.1 | CP | BDCCDTT | -20061030ACW |
| 29 | KHFW-LP | DENISON TX | 338.1 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 30 | KMPX | DECATUR TX | BLCDDT | -20060317AGE |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|---------------|--------------|
| 30 | KVHP | LAKE CHARLES LA | 410.7 | CP | BPCDDT | -19990714LD |
| 30 | KVHP | LAKE CHARLES LA | 410.7 | PLN | DTVPLN | -DTVP1103 |
| 30 | KABB | SAN ANTONIO TX | 387.0 | APP | BMPCDDT | -20080620AKE |
| 30 | KABB | SAN ANTONIO TX | 387.0 | PLN | DTVPLN | -DTVP1118 |
| 30 | KABB | SAN ANTONIO TX | 387.0 | CP | BPCDDT | -19991028AAR |
| 31 | KFXK | LONGVIEW TX | 192.8 | LIC | BLCDDT | -20060705AAW |
| 31 | KFXK | LONGVIEW TX | 192.8 | PLN | DTVPLN | -DTVP1158 |
| 29 | KHFW-LP | DENISON TX | 106.0 | APP | USERRECORD-01 | |

Total scenarios = 4

Result key: 29

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Scenario 1 Affected station 21 KMPX
Before Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5436538 | 37443.6 |
| not affected by terrain losses | 5434592 | 37247.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 99 | 1.0 |
| lost to ATV IX only | 99 | 1.0 |
| lost to all IX | 99 | 1.0 |

Potential Interfering Stations Included in above Scenario 1

31A TX LONGVIEW BLCDT 20060705AAW LIC

After Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5436538 | 37443.6 |
| not affected by terrain losses | 5434592 | 37247.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 10850 | 358.9 |
| lost to ATV IX only | 10850 | 358.9 |
| lost to all IX | 10850 | 358.9 |

Potential Interfering Stations Included in above Scenario 1

31A TX LONGVIEW BLCDT 20060705AAW LIC
29A TX DENISON USERRECORD01 APP

Percent new IX = 0.1978%

Result key: 30

Scenario 2 Affected station 21 KMPX
Before Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5436538 | 37443.6 |
| not affected by terrain losses | 5434592 | 37247.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 99 | 1.0 |
| lost to ATV IX only | 99 | 1.0 |
| lost to all IX | 99 | 1.0 |

Potential Interfering Stations Included in above Scenario 2

31A TX LONGVIEW DTVPLN DTVP1158 PLN

After Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

```

HAAT  544.0 m, ATV ERP 1000.0 kW
                                POPULATION  AREA (sq km)
within Noise Limited Contour    5436538    37443.6
not affected by terrain losses  5434592    37247.5
lost to NTSC IX                  0         0.0
lost to additional IX by ATV     10850     358.9
lost to ATV IX only              10850     358.9
lost to all IX                   10850     358.9

Potential Interfering Stations Included in above Scenario      2

31A TX LONGVIEW                DTVPLN    DTVP1158    PLN
29A TX DENISON                 USERRECORD01  APP

Percent new IX =      0.1978%

Result key:      31
Scenario         3  Affected station      21  KMPX
Before Analysis

Results for: 30A TX DECATUR                BLCDT    20060317AGE  LIC
HAAT  544.0 m, ATV ERP 1000.0 kW
                                POPULATION  AREA (sq km)
within Noise Limited Contour    5436538    37443.6
not affected by terrain losses  5434592    37247.5
lost to NTSC IX                  0         0.0
lost to additional IX by ATV     99         1.0
lost to ATV IX only              99         1.0
lost to all IX                   99         1.0

Potential Interfering Stations Included in above Scenario      3

31A TX LONGVIEW                BLCDT    20060705AAW  LIC

After Analysis

Results for: 30A TX DECATUR                BLCDT    20060317AGE  LIC
HAAT  544.0 m, ATV ERP 1000.0 kW
                                POPULATION  AREA (sq km)
within Noise Limited Contour    5436538    37443.6
not affected by terrain losses  5434592    37247.5
lost to NTSC IX                  0         0.0
lost to additional IX by ATV     10850     358.9
lost to ATV IX only              10850     358.9
lost to all IX                   10850     358.9

Potential Interfering Stations Included in above Scenario      3

31A TX LONGVIEW                BLCDT    20060705AAW  LIC
29A TX DENISON                 USERRECORD01  APP

Percent new IX =      0.1978%

Result key:      32
Scenario         4  Affected station      21  KMPX
Before Analysis

```

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5436538 | 37443.6 |
| not affected by terrain losses | 5434592 | 37247.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 99 | 1.0 |
| lost to ATV IX only | 99 | 1.0 |
| lost to all IX | 99 | 1.0 |

Potential Interfering Stations Included in above Scenario 4

31A TX LONGVIEW DTVPLN DTVP1158 PLN

After Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5436538 | 37443.6 |
| not affected by terrain losses | 5434592 | 37247.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 10850 | 358.9 |
| lost to ATV IX only | 10850 | 358.9 |
| lost to all IX | 10850 | 358.9 |

Potential Interfering Stations Included in above Scenario 4

31A TX LONGVIEW DTVPLN DTVP1158 PLN
29A TX DENISON USERRECORD01 APP

Percent new IX = 0.1978%

Worst case new IX 0.1978% Scenario 1

#####

Analysis of Interference to Affected Station 22

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 30 | KHFW-LP | DENISON TX | BLTTL -20080813AAS |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 26 | KTEN | ADA OK | 56.4 | CP | BPCDT -19991007AAW |
| 26 | KTEN | ADA OK | 56.4 | PLN | DTVPLN -DTVP0965 |
| 30 | KLRT-TV | LITTLE ROCK AR | 382.7 | LIC | BLCDT -20020507AAK |
| 30 | KLRT-TV | LITTLE ROCK AR | 382.7 | PLN | DTVPLN -DTVP1093 |
| 30 | K30AE | ALVA OK | 375.5 | CP | BDFCDTA -20060630AHT |
| 30 | K30JP-D | SAYRE OK | 327.7 | CP | BDCCDTT -20061030ADL |
| 30 | KMPX | DECATUR TX | 147.2 | LIC | BLCDT -20060317AGE |
| 30 | KMPX | DECATUR TX | 147.2 | PLN | DTVPLN -DTVP1116 |
| 30 | K30JA-D | KILLEEN TX | 329.6 | LIC | BLDTL -20090416ASY |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|------------------|-------|-----|---------------|--------------|
| 31 | KLHO-LD | OKLAHOMA CITY OK | 189.9 | CP | BDCCDTL | -20061025ABH |
| 31 | K31GL-D | DE SOTO TX | 147.2 | LIC | BLDTL | -20081110AJA |
| 45 | NEW | MCALESTER OK | 135.9 | APP | BDCCDTT | -20061030AGP |
| 29 | KHFW-LP | DENISON TX | 46.8 | 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. |
|---------|-------|------------------|----------------------|
| 30 | K30DJ | WICHITA FALLS TX | BLTTL -19931112IW |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 22 | KAUZ-TV | WICHITA FALLS TX | 0.5 | CP | BPCDT -19991028ADQ |
| 22 | KAUZ-TV | WICHITA FALLS TX | 0.5 | PLN | DTVPLN -DTVP0822 |
| 28 | KFDX-TV | WICHITA FALLS TX | 1.7 | CP MOD | BMPCDT -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 1.7 | PLN | DTVPLN -DTVP1053 |
| 30 | K30AE | ALVA OK | 321.1 | CP | BDFCDTA -20060630AHT |
| 30 | K57BB | HOLLIS OK | 149.4 | CP | BDISTT -20060719ABH |
| 30 | K30JP-D | SAYRE OK | 175.9 | CP | BDCCDTT -20061030ADL |
| 30 | KMPX | DECATUR TX | 206.3 | LIC | BLCDDT -20060317AGE |
| 30 | KMPX | DECATUR TX | 206.3 | PLN | DTVPLN -DTVP1116 |
| 30 | K30JA-D | KILLEEN TX | 321.9 | LIC | BLDTL -20090416ASY |
| 31 | KLHO-LD | OKLAHOMA CITY OK | 191.3 | CP | BDCCDTL -20061025ABH |
| 31 | K31GL-D | DE SOTO TX | 206.2 | LIC | BLDTL -20081110AJA |
| 29 | KHFW-LP | DENISON TX | 163.2 | 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. |
|---------|---------|------------|----------------------|
| 31 | KSWX-LP | DUNCAN OK | BLTTL -20080818AAY |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 24 | KOKH-TV | OKLAHOMA CITY OK | 125.1 | LIC | BLCDDT -20041207ACV |
| 24 | KOKH-TV | OKLAHOMA CITY OK | 125.1 | PLN | DTVPLN -DTVP0892 |
| 27 | KFOR-TV | OKLAHOMA CITY OK | 130.1 | LIC | BLCDDT -20050701ABR |
| 27 | KFOR-TV | OKLAHOMA CITY OK | 130.1 | PLN | DTVPLN -DTVP1008 |
| 28 | KFDX-TV | WICHITA FALLS TX | 86.6 | CP MOD | BMPCDT -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 86.6 | PLN | DTVPLN -DTVP1053 |
| 29 | KTUZ-TV | SHAWNEE OK | 126.3 | CP MOD | BMPCDT -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 126.3 | PLN | DTVPLN -DTVP1082 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|-------------------|-------|--------|---------------|--------------|
| 29 | KTUZ-TV | SHAWNEE OK | 126.3 | CP MOD | BMPCDT | -20060707AFM |
| 30 | K30JP-D | SAYRE OK | 175.7 | CP | BDCCDTT | -20061030ADL |
| 31 | KWNL-LD | WINSLOW AR | 388.6 | CP | BDCCDTL | -20060928AHE |
| 31 | KDCU-DR | DERBY KS | 369.7 | APP | BPRM | -20090219AEY |
| 31 | K54CM | ELK CITY OK | 152.9 | CP | BDISTT | -20070315AAL |
| 31 | KXOK-LP | ENID OK | 211.7 | LIC | BLDTL | -20080111ACO |
| 31 | KOET | EUFAULA OK | 251.4 | LIC | BLEDT | -20060601BJT |
| 31 | KOET | EUFAULA OK | 251.4 | PLN | DTVPLN | -DTVP1151 |
| 31 | K31JU | LAWTON OK | 53.1 | CP | BNPTTL | -20000830BTI |
| 31 | KLHO-LD | OKLAHOMA CITY OK | 107.7 | CP | BDCCDTL | -20061025ABH |
| 31 | K31JQ-D | WOODWARD, ETC. OK | 259.2 | CP | BDCCDTT | -20061024AAQ |
| 31 | KEYU | BORGER TX | 364.1 | LIC | BLCDT | -20050210ALO |
| 31 | KEYU | BORGER TX | 364.1 | PLN | DTVPLN | -DTVP1156 |
| 31 | K31GL-D | DE SOTO TX | 230.7 | LIC | BLDTL | -20081110AJA |
| 31 | KFXK | LONGVIEW TX | 373.9 | LIC | BLCDT | -20060705AAW |
| 31 | KFXK | LONGVIEW TX | 373.9 | PLN | DTVPLN | -DTVP1158 |
| 32 | K32IC-D | ALTUS OK | 128.5 | CP | BDCCDTT | -20061030AEK |
| 32 | K32II-D | QUANAH TX | 165.6 | CP | BDCCDTT | -20061023AGZ |
| 32 | KYWF-LD | WICHITA FALLS TX | 94.5 | CP | BDCCDTL | -20061027ADM |
| 33 | KOCB | OKLAHOMA CITY OK | 125.1 | LIC | BLCDT | -20060615AAL |
| 33 | KOCB | OKLAHOMA CITY OK | 125.1 | PLN | DTVPLN | -DTVP1224 |
| 46 | K46JL-D | ALTUS OK | 128.5 | CP | BDCCDTT | -20061030AEB |
| 46 | KOCM | NORMAN OK | 130.1 | CP | BPCDT | -20080317AAI |
| 46 | KOCM | NORMAN OK | 130.1 | PLN | DTVPLN | -DTVP1654 |
| 46 | K46IU-D | WICHITA FALLS TX | 81.4 | CP | BDCCDTL | -20060927AHA |
| 29 | KHFW-LP | DENISON TX | 149.0 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|------------|----------------------|
| 31 | K31JU | LAWTON OK | BNPTTL -20000830BTI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------|----------|--------|----------------------|
| 28 | KFDX-TV | WICHITA FALLS TX | 73.4 | CP MOD | BMPCDT -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 73.4 | PLN | DTVPLN -DTVP1053 |
| 30 | K30JP-D | SAYRE OK | 126.3 | CP | BDCCDTT -20061030ADL |
| 31 | KDCU-DR | DERBY KS | 372.6 | APP | BPRM -20090219AEY |
| 31 | KSWX-LP | DUNCAN OK | 53.1 | LIC | BLTTL -20080818AAY |
| 31 | K54CM | ELK CITY OK | 111.7 | CP | BDISTT -20070315AAL |
| 31 | KXOK-LP | ENID OK | 213.9 | LIC | BLDTL -20080111ACO |
| 31 | KOET | EUFAULA OK | 300.2 | LIC | BLEDT -20060601BJT |
| 31 | KOET | EUFAULA OK | 300.2 | PLN | DTVPLN -DTVP1151 |
| 31 | KLHO-LD | OKLAHOMA CITY OK | 134.0 | CP | BDCCDTL -20061025ABH |
| 31 | K31JQ-D | WOODWARD, ETC. OK | 233.8 | CP | BDCCDTT -20061024AAQ |
| 31 | NEW | BIG SPRINGS TX | 374.6 | APP | BDCCDTT -20080911ABB |
| 31 | KEYU | BORGER TX | 311.8 | LIC | BLCDT -20050210ALO |
| 31 | KEYU | BORGER TX | 311.8 | PLN | DTVPLN -DTVP1156 |

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|------------------|-------|-----|---------------|--------------|
| 31 | K31GL-D | DE SOTO TX | 261.9 | LIC | BLDTL | -20081110AJA |
| 32 | K32IC-D | ALTUS OK | 75.3 | CP | BDCCDTT | -20061030AEK |
| 32 | K32II-D | QUANAH TX | 115.9 | CP | BDCCDTT | -20061023AGZ |
| 32 | KYWF-LD | WICHITA FALLS TX | 77.3 | CP | BDCCDTL | -20061027ADM |
| 46 | K46JL-D | ALTUS OK | 75.3 | CP | BDCCDTT | -20061030AEB |
| 46 | K46IU-D | WICHITA FALLS TX | 71.4 | CP | BDCCDTL | -20060927AHA |
| 29 | KHFW-LP | DENISON TX | 193.5 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 26

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 31 | KGSW-LP | KEENE TX | BLTTL | -20050819ACA |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 23 | KUVN-TV | GARLAND TX | 39.6 | PLN | DTVPLN | -DTVP0859 |
| 23 | KUVN-TV | GARLAND TX | 39.6 | CP MOD | BMPCDT | -20080618ADY |
| 30 | KMPX | DECATUR TX | 39.7 | LIC | BLCDDT | -20060317AGE |
| 30 | KMPX | DECATUR TX | 39.7 | PLN | DTVPLN | -DTVP1116 |
| 30 | K30JA-D | KILLEEN TX | 152.3 | LIC | BLDTL | -20090416ASY |
| 31 | K31HO | SHREVEPORT LA | 319.8 | CP | BDFCDTT | -20060221ADH |
| 31 | KOET | EUFAULA OK | 359.5 | LIC | BLEDT | -20060601BJT |
| 31 | KOET | EUFAULA OK | 359.5 | PLN | DTVPLN | -DTVP1151 |
| 31 | KLHO-LD | OKLAHOMA CITY OK | 329.7 | CP | BDCCDTL | -20061025ABH |
| 31 | NEW | BIG SPRINGS TX | 388.1 | APP | BDCCDTT | -20080911ABB |
| 31 | K31GL-D | DE SOTO TX | 39.6 | LIC | BLDTL | -20081110AJA |
| 31 | KJIB-LP | HOUSTON TX | 359.6 | APP | BDISDTL | -20090303AAK |
| 31 | KPLE-CA | KILLEEN TX | 152.3 | LIC | BLTTL | -19930713IH |
| 31 | KFXK | LONGVIEW TX | 224.2 | LIC | BLCDDT | -20060705AAW |
| 31 | KFXK | LONGVIEW TX | 224.2 | PLN | DTVPLN | -DTVP1158 |
| 32 | KDAF | DALLAS TX | 38.2 | LIC | BLCDDT | -20010606ABJ |
| 32 | KDAF | DALLAS TX | 38.2 | PLN | DTVPLN | -DTVP1196 |
| 32 | KDAF | DALLAS TX | 38.2 | CP | BPCDDT | -20080620AET |
| 32 | KYWF-LD | WICHITA FALLS TX | 203.0 | CP | BDCCDTL | -20061027ADM |
| 35 | KDFW | DALLAS TX | 38.7 | LIC | BLCDDT | -19981117KF |
| 35 | KDFW | DALLAS TX | 38.7 | PLN | DTVPLN | -DTVP1306 |
| 35 | KDFW | DALLAS TX | 38.7 | CP | BPCDDT | -20080616AAL |
| 39 | KLDT | LAKE DALLAS TX | 39.5 | CP | BPCDDT | -20080619AEY |
| 39 | KLDT | LAKE DALLAS TX | 38.2 | PLN | DTVPLN | -DTVP1416 |
| 45 | KDTX-TV | DALLAS TX | 38.2 | CP MOD | BMPCDDT | -20030417ABJ |
| 45 | KDTX-TV | DALLAS TX | 38.2 | PLN | DTVPLN | -DTVP1633 |
| 46 | KTAQ | GREENVILLE TX | 38.2 | LIC | BLCDDT | -20040414ACS |
| 46 | KTAQ | GREENVILLE TX | 38.2 | PLN | DTVPLN | -DTVP1659 |
| 29 | KHFW-LP | DENISON TX | 134.0 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

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Analysis of Interference to Affected Station 27

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|------------|-------------|-------------|
| 36 | K36AB | LAWTON OK | BLTT | -19800211IG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 28 | KFDX-TV | WICHITA FALLS TX | 85.8 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 85.8 | PLN | DTVPLN | -DTVP1053 |
| 29 | KTUZ-TV | SHAWNEE OK | 126.2 | CP MOD | BMPCDT | -20080619AKA |
| 29 | KTUZ-TV | SHAWNEE OK | 126.2 | PLN | DTVPLN | -DTVP1082 |
| 29 | KTUZ-TV | SHAWNEE OK | 126.2 | CP MOD | BMPCDT | -20060707AFM |
| 33 | KOCB | OKLAHOMA CITY OK | 125.1 | LIC | BLCDDT | -20060615AAL |
| 33 | KOCB | OKLAHOMA CITY OK | 125.1 | PLN | DTVPLN | -DTVP1224 |
| 35 | KJBO-LP | WICHITA FALLS TX | 84.5 | CP | BDFCDTL | -20060403ADA |
| 36 | K36EV | ALTUS OK | 99.2 | LIC | BLTT | -20010306AAV |
| 36 | KRSC-TV | CLAREMORE OK | 311.5 | LIC | BLEDT | -20061011AAM |
| 36 | KRSC-TV | CLAREMORE OK | 311.5 | PLN | DTVPLN | -DTVP1342 |
| 36 | KCHM-LP | OKLAHOMA CITY OK | 126.8 | CP | BMJPTTA | -20040504ABL |
| 36 | KCHM-LP | OKLAHOMA CITY OK | 110.9 | APP | BMPTTA | -20050707AAW |
| 36 | K36IY-D | WEATHERFORD OK | 105.1 | CP | BDCCDDT | -20061030AEC |
| 36 | KDFI | DALLAS TX | 261.2 | CP | BPCDT | -20080723AAS |
| 36 | KDFI | DALLAS TX | 261.2 | PLN | DTVPLN | -DTVP1349 |
| 36 | NEW | SAN ANGELO TX | 405.2 | APP | BSFDTL | -20060630BAR |
| 36 | NEW | SAN ANGELO TX | 403.8 | APP | BSFDTL | -20060630AXE |
| 36 | KUWF-LP | WICHITA FALLS TX | 87.7 | LIC | BLTTL | -20070119ADJ |
| 40 | KAUT-TV | OKLAHOMA CITY OK | 129.5 | LIC | BLCDDT | -20060504ACH |
| 40 | KAUT-TV | OKLAHOMA CITY OK | 129.0 | PLN | DTVPLN | -DTVP1447 |
| 40 | KAUT-TV | OKLAHOMA CITY OK | 129.0 | CP | BPCDT | -20080620AFC |
| 50 | KOPX | OKLAHOMA CITY OK | 129.5 | PLN | DTVPLN | -DTVP1776 |
| 50 | KOPX | OKLAHOMA CITY OK | 129.5 | LIC | BLCDDT | -20021108ABC |
| 51 | KSBI | OKLAHOMA CITY OK | 129.5 | CP | BPCDT | -19991028AFH |
| 51 | KSBI | OKLAHOMA CITY OK | 129.5 | PLN | DTVPLN | -DTVP1808 |
| 29 | KHFW-LP | DENISON TX | 179.4 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------------|-------------|--------------|
| 36 | KUWF-LP | WICHITA FALLS TX | BLTTL | -20070119ADJ |

Stations Potentially Affecting This Station

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

FIGURE 3—POST-TRANSITION OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

| | | | | | | |
|----|---------|------------------|-------|--------|---------------|--------------|
| 28 | KFDX-TV | WICHITA FALLS TX | 3.0 | CP MOD | BMPCDT | -20070621ABP |
| 28 | KFDX-TV | WICHITA FALLS TX | 3.0 | PLN | DTVPLN | -DTVP1053 |
| 35 | KJBO-LP | WICHITA FALLS TX | 4.6 | LIC | BLTTL | -19900423JN |
| 35 | KJBO-LP | WICHITA FALLS TX | 4.6 | CP | BDFCDTL | -20060403ADA |
| 36 | K36EV | ALTUS OK | 109.9 | LIC | BLTT | -20010306AAV |
| 36 | KRSC-TV | CLAREMORE OK | 389.7 | LIC | BLEDT | -20061011AAM |
| 36 | KRSC-TV | CLAREMORE OK | 389.7 | PLN | DTVPLN | -DTVP1342 |
| 36 | K36AB | LAWTON OK | 87.7 | LIC | BLTT | -19800211IG |
| 36 | K36AB | LAWTON OK | 87.7 | CP | BDFCDTA | -20060630AHQ |
| 36 | KCHM-LP | OKLAHOMA CITY OK | 195.0 | APP | BMPTTA | -20050707AAW |
| 36 | K36IY-D | WEATHERFORD OK | 179.6 | CP | BDCCDTT | -20061030AEC |
| 36 | KTFO-CA | AUSTIN TX | 402.0 | APP | BDISDTA | -20080804AFB |
| 36 | KDFI | DALLAS TX | 212.2 | CP | BPCDT | -20080723AAS |
| 36 | KDFI | DALLAS TX | 212.2 | PLN | DTVPLN | -DTVP1349 |
| 36 | NEW | SAN ANGELO TX | 319.6 | APP | BSFDTL | -20060630BAR |
| 36 | NEW | SAN ANGELO TX | 318.5 | APP | BSFDTL | -20060630AXE |
| 51 | KAWF-LP | WICHITA FALLS TX | 0.0 | LIC | BLTTL | -20080605AAP |
| 29 | KHFW-LP | DENISON TX | 166.9 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

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