

**DELAWDER COMMUNICATIONS, INC.**

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**ENGINEERING REPORT**

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McAlester, OK, Digital Companion Channel Application

**EXHIBIT 11**

**LPTV DIGITAL PROPOSAL-- INTERFERENCE STUDIES**

Market: McAlester, OK

Applicant: Hispanic Christian Community Network, Inc. ("Applicant")

Associated LPTV: KEGG-LP

Proposed Digital Channel: **18** (as a digital companion channel)

1. By this application, Applicant proposes a digital LPTV companion channel for KEGG-LP, McAlester, OK.

2. Attached as Figure 1 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications' SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC's OET-69 processing program.) Except for those stations also licensed, authorized or proposed by the applicant, or those stations that have consented to predicted interference from this proposal, the proposed facility adequately protects all US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

3. Applicant accepts any existing and future interference that may result from any primary analog or digital TV station. Applicant also accepts any interference caused by a previously-filed analog secondary (LPTV or TV translator) station and by any existing or future analog or digital secondary (LPTV or TV translator) channel displacement facility.

4. The companion digital channel will operate at a new transmitter site near Holdenville, OK. Attached as Figure 2 is a map showing service contour overlap between the KEGG-LP licensed and herein proposed facilities.

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-08-2006 Time: 09:35:17

Record Selected for Analysis

WETUM18D USERRECORD-01 US  
Channel 18 ERP 15. kW HAAT 133. m RCAMSL 00384 m STRINGENT MASK  
Latitude 035-08-26 Longitude 0096-09-56  
Status APP Zone 2 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 250.  
Last update Cutoff date Docket  
Comments  
Applicant

1990 Census data selected

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<br>(Deg) | ERP<br>(kW) | HAAT<br>(m) | 51.0 dBu F(50,90)<br>(km) |
|------------------|-------------|-------------|---------------------------|
| 0.0              | 14.406      | 137.9       | 45.7                      |
| 45.0             | 5.591       | 122.1       | 39.8                      |
| 90.0             | 3.917       | 127.9       | 38.4                      |
| 135.0            | 14.702      | 131.8       | 45.4                      |
| 180.0            | 3.675       | 132.2       | 38.3                      |
| 225.0            | 9.480       | 124.8       | 42.7                      |
| 270.0            | 11.616      | 132.8       | 44.2                      |
| 315.0            | 4.174       | 151.2       | 40.3                      |

## LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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

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FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Start of Interference Analysis

| Proposed Station |          |              |
|------------------|----------|--------------|
| Channel          | Call     | City/State   |
| 18               | WETUM18D | USERRECORD01 |

### Stations Potentially Affected by Proposed Station

| Chan | Call     | City/State        | Dist(km) | Status | Application | Ref. No.     |
|------|----------|-------------------|----------|--------|-------------|--------------|
| 14   | K14LD    | MUSKOGEE OK       | 90.2     | APP    | BSTA        | -20060228AAK |
| 14   | K14LD    | MUSKOGEE OK       | 90.2     | LIC    | BLTT        | -20050916AAY |
| 15   | K15AA    | HUGO OK           | 140.7    | LIC    | BLTT        | -19900215JC  |
| 15   | K15DA    | TULSA OK          | 92.3     | LIC    | BLTTTL      | -19961024JC  |
| 16   | NEW      | ADA OK            | 94.0     | APP    | BNPTTL      | -20000830BPQ |
| 16   | K16GH    | MCALISTER OK      | 40.5     | CP     | BNPTT       | -20000831BTF |
| 17   | K17FB    | ARDMORE OK        | 122.4    | LIC    | BLTT        | -20030501ABB |
| 17   | KDOR-TV  | BARTLESVILLE OK   | 157.0    | LIC    | BLCT        | -19870120LH  |
| 17   | KLHO-LP  | OKLAHOMA CITY OK  | 120.2    | LIC    | BLTTTL      | -19990512JH  |
| 18   | K18AB    | EL DORADO AR      | 386.8    | LIC    | BLTT        | -1193        |
| 18   | K18EG    | EUREKA SPRINGS AR | 256.8    | LIC    | BLTTTL      | -19960311JC  |
| 18   | KFSM-TV  | FORT SMITH AR     | 197.3    | CP MOD | BMPCDT      | -20041104AMO |
| 18   | KTVV-LP  | HOT SPRINGS AR    | 288.2    | APP    | BDISTTL     | -20060403AQY |
| 18   | KIPB-LP  | PINE BLUFF AR     | 392.6    | CP     | BPTTL       | -20050708AAX |
| 18   | KDNT-LP  | ALLEN OK          | 99.5     | LIC    | BLTTTL      | -20060109ADC |
| 18   | NEW      | CLINTON OK        | 258.9    | APP    | BNPTT       | -20000830BEZ |
| 18   | K18BV    | MAY, ETC. OK      | 355.6    | LIC    | BLTVL       | -19880304IK  |
| 18   | KTXA     | FORT WORTH TX     | 297.9    | LIC    | BLCDT       | -20001130ACY |
| 18   | KYTX     | NACOGDOCHES TX    | 373.2    | CP     | BPCDT       | -19991029ACW |
| 18   | KJTTL    | WICHITA FALLS TX  | 256.5    | LIC    | BLCT        | -19850523LJ  |
| 19   | KWBT     | MUSKOGEE OK       | 75.5     | LIC    | BLCT        | -19990922AAE |
| 19   | KUOT-CA  | OKLAHOMA CITY OK  | 120.3    | APP    | BPTTA       | -20060111ACN |
| 19   | KUOT-CA  | OKLAHOMA CITY OK  | 120.3    | LIC    | BLTTA       | -20040811ADD |
| 19   | KOKG-LP  | STILLWATER OK     | 135.4    | LIC    | BLTTTL      | -19930706JK  |
| 20   | KOKT-LP  | SULPHUR OK        | 122.7    | LIC    | BLTTTL      | -19970414JA  |
| 21   | KTOU-LP  | OKLAHOMA CITY OK  | 124.1    | LIC    | BLTTTL      | -20011116ABI |
| 21   | K69GO    | TULSA OK          | 109.4    | CP     | BPTTL       | -20030625AAP |
| 25   | K25GJ    | MUSKOGEE OK       | 99.3     | LIC    | BLTT        | -20051206ADA |
| 25   | KOKH-TV  | OKLAHOMA CITY OK  | 128.2    | LIC    | BLCT        | -20050621AAN |
| 25   | KUTU-CA  | TULSA OK          | 113.3    | LIC    | BLTTTL      | -20001120AAE |
| 26   | 960930KG | TULSA OK          | 113.3    | APP    | BPET        | -19960930KG  |

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## Analysis of Interference to Affected Station 1

## Analysis of current record

| Channel | Call  | City/State  | Application | Ref. No.     |
|---------|-------|-------------|-------------|--------------|
| 14      | K14LD | MUSKOGEE OK | BSTA        | -20060228AAK |

### Stations Potentially Affecting This Station

| Chan | Call | City/State     | Dist(km) | Status | Application | Ref. No.     |
|------|------|----------------|----------|--------|-------------|--------------|
| 14   | KVTH | HOT SPRINGS AR | 260.6    | CP     | BPCDT       | -19990924AAP |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |                 |       |        |               |              |
|----|----------|-----------------|-------|--------|---------------|--------------|
| 14 | KVTH-DT  | HOT SPRINGS AR  | 260.6 | PLN    | DTVPLN        | -DTVP0123    |
| 14 | KFJX     | PITTSBURG KS    | 182.7 | LIC    | BLCT          | -20031027AAC |
| 14 | KMBC-DT  | KANSAS CITY MO  | 386.6 | PLN    | DTVPLN        | -DTVP0136    |
| 14 | KERA-DT  | DALLAS TX       | 372.5 | PLN    | DTVPLN        | -DTVP0149    |
| 14 | KERA-TV  | DALLAS TX       | 372.5 | LIC    | BLEDT         | -20031103ACR |
| 15 | KHOG-TV  | FAYETTEVILLE AR | 126.2 | LIC    | BLCDDT        | -20020904AAX |
| 15 | KHOG-DT  | FAYETTEVILLE AR | 126.2 | PLN    | DTVPLN        | -DTVP0158    |
| 15 | KDOR-DT  | BARTLESVILLE OK | 98.0  | PLN    | DTVPLN        | -DTVP0185    |
| 15 | KDOR-TV  | BARTLESVILLE OK | 98.0  | CP     | BPCDDT        | -19991013ABN |
| 18 | KFSM-DT  | FORT SMITH AR   | 97.7  | PLN    | DTVPLN        | -DTVP0292    |
| 18 | KFSM-TV  | FORT SMITH AR   | 115.3 | CP MOD | BMPCDDT       | -20041104AMO |
| 21 | KHBS     | FORT SMITH AR   | 95.6  | LIC    | BLCDDT        | -20031121AMR |
| 21 | KHBS-DT  | FORT SMITH AR   | 95.5  | PLN    | DTVPLN        | -DTVP0427    |
| 22 | KOKI-TV  | TULSA OK        | 44.9  | LIC    | BLCDDT        | -20021127AGL |
| 22 | KOKI-DT  | TULSA OK        | 44.9  | PLN    | DTVPLN        | -DTVP0500    |
| 28 | KTPX     | OKMULGEE OK     | 65.6  | LIC    | BLCDDT        | -20020510AAQ |
| 28 | KGLB-DT  | OKMULGEE OK     | 65.6  | PLN    | DTVPLN        | -DTVP0723    |
| 29 | KHOG-TV  | FAYETTEVILLE AR | 126.2 | LIC    | BLCT          | -19980109KF  |
| 18 | WETUM18D |                 | 90.2  | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 2

### Analysis of current record

| Channel | Call  | City/State  | Application | Ref. No.     |
|---------|-------|-------------|-------------|--------------|
| 14      | K14LD | MUSKOGEE OK | BLTT        | -20050916AAY |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State      | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|-----------------|----------|--------|---------------|--------------|
| 14   | KVTH     | HOT SPRINGS AR  | 260.6    | CP     | BPCDDT        | -19990924AAP |
| 14   | KVTH-DT  | HOT SPRINGS AR  | 260.6    | PLN    | DTVPLN        | -DTVP0123    |
| 14   | KFJX     | PITTSBURG KS    | 182.7    | LIC    | BLCT          | -20031027AAC |
| 14   | KMBC-DT  | KANSAS CITY MO  | 386.6    | PLN    | DTVPLN        | -DTVP0136    |
| 14   | KERA-DT  | DALLAS TX       | 372.5    | PLN    | DTVPLN        | -DTVP0149    |
| 14   | KERA-TV  | DALLAS TX       | 372.5    | LIC    | BLEDT         | -20031103ACR |
| 15   | KHOG-TV  | FAYETTEVILLE AR | 126.2    | LIC    | BLCDDT        | -20020904AAX |
| 15   | KHOG-DT  | FAYETTEVILLE AR | 126.2    | PLN    | DTVPLN        | -DTVP0158    |
| 15   | KDOR-DT  | BARTLESVILLE OK | 98.0     | PLN    | DTVPLN        | -DTVP0185    |
| 15   | KDOR-TV  | BARTLESVILLE OK | 98.0     | CP     | BPCDDT        | -19991013ABN |
| 18   | KFSM-DT  | FORT SMITH AR   | 97.7     | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KFSM-TV  | FORT SMITH AR   | 115.3    | CP MOD | BMPCDDT       | -20041104AMO |
| 21   | KHBS     | FORT SMITH AR   | 95.6     | LIC    | BLCDDT        | -20031121AMR |
| 21   | KHBS-DT  | FORT SMITH AR   | 95.5     | PLN    | DTVPLN        | -DTVP0427    |
| 22   | KOKI-TV  | TULSA OK        | 44.9     | LIC    | BLCDDT        | -20021127AGL |
| 22   | KOKI-DT  | TULSA OK        | 44.9     | PLN    | DTVPLN        | -DTVP0500    |
| 28   | KTPX     | OKMULGEE OK     | 65.6     | LIC    | BLCDDT        | -20020510AAQ |
| 28   | KGLB-DT  | OKMULGEE OK     | 65.6     | PLN    | DTVPLN        | -DTVP0723    |
| 29   | KHOG-TV  | FAYETTEVILLE AR | 126.2    | LIC    | BLCT          | -19980109KF  |
| 18   | WETUM18D |                 | 90.2     | APP    | USERRECORD-01 |              |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 3

### Analysis of current record

| Channel | Call  | City/State | Application | Ref. No.    |
|---------|-------|------------|-------------|-------------|
| 15      | K15AA | HUGO OK    | BLTT        | -19900215JC |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State         | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|--------------------|----------|--------|---------------|--------------|
| 15   | KHOG-TV  | FAYETTEVILLE AR    | 259.4    | LIC    | BLCDDT        | -20020904AAX |
| 15   | KHOG-DT  | FAYETTEVILLE AR    | 259.4    | PLN    | DTVPLN        | -DTVP0158    |
| 15   | KDOR-TV  | BARTLESVILLE OK    | 281.1    | PLN    | DTVPLN        | -DTVP0185    |
| 15   | KDOR-TV  | BARTLESVILLE OK    | 281.2    | CP     | BPCDDT        | -19991013ABN |
| 15   | KTBO-TV  | OKLAHOMA CITY OK   | 251.8    | LIC    | BLCDDT        | -20050415AAC |
| 15   | KTBO-DT  | OKLAHOMA CITY OK   | 251.6    | PLN    | DTVPLN        | -DTVP0186    |
| 15   | KAMU-TV  | COLLEGE STATION TX | 382.2    | LIC    | BLET          | -329         |
| 15   | KTAL-DT  | TEXARKANA TX       | 184.9    | PLN    | DTVPLN        | -DTVP0197    |
| 15   | KJTL-DT  | WICHITA FALLS TX   | 297.2    | PLN    | DTVPLN        | -DTVP0199    |
| 15   | KJTL     | WICHITA FALLS TX   | 297.2    | CP     | BPCDDT        | -19991102ABG |
| 18   | WETUM18D |                    | 140.7    | 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.    |
|---------|-------|------------|-------------|-------------|
| 15      | K15DA | TULSA OK   | BLTTL       | -19961024JC |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application | Ref. No.     |
|------|----------|------------------|----------|--------|-------------|--------------|
| 15   | KHOG-TV  | FAYETTEVILLE AR  | 188.6    | LIC    | BLCDDT      | -20020904AAX |
| 15   | KHOG-DT  | FAYETTEVILLE AR  | 188.6    | PLN    | DTVPLN      | -DTVP0158    |
| 15   | 960423KE | WICHITA KS       | 216.9    | APP    | BPET        | -19960423KE  |
| 15   | 960930KI | WICHITA KS       | 233.2    | APP    | BPET        | -19960930KI  |
| 15   | 960423KE | WICHITA KS       | 216.9    | APP    | BPET        | -19960423KE  |
| 15   | 960724KP | WICHITA KS       | 233.2    | APP    | BPET        | -19960724KP  |
| 15   | KDOR-DT  | BARTLESVILLE OK  | 70.9     | PLN    | DTVPLN      | -DTVP0185    |
| 15   | KDOR-TV  | BARTLESVILLE OK  | 70.9     | CP     | BPCDDT      | -19991013ABN |
| 15   | KTBO-TV  | OKLAHOMA CITY OK | 125.7    | LIC    | BLCDDT      | -20050415AAC |
| 15   | KTBO-DT  | OKLAHOMA CITY OK | 125.7    | PLN    | DTVPLN      | -DTVP0186    |
| 15   | KJTL-DT  | WICHITA FALLS TX | 304.0    | PLN    | DTVPLN      | -DTVP0199    |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |                  |       |        |               |              |
|----|----------|------------------|-------|--------|---------------|--------------|
| 15 | KJTL     | WICHITA FALLS TX | 304.1 | CP     | BPCDT         | -19991102ABG |
| 16 | KOCO-DT  | OKLAHOMA CITY OK | 126.6 | PLN    | DTVPLN        | -DTVP0237    |
| 17 | KDOR-TV  | BARTLESVILLE OK  | 70.9  | LIC    | BLCT          | -19870120LH  |
| 19 | KWBT     | MUSKOGEE OK      | 41.6  | LIC    | BLCT          | -19990922AAE |
| 22 | KOKI-TV  | TULSA OK         | 45.4  | LIC    | BLCDDT        | -20021127AGL |
| 22 | KOKI-DT  | TULSA OK         | 45.4  | PLN    | DTVPLN        | -DTVP0500    |
| 29 | KTUZ-TV  | SHAWNEE OK       | 129.7 | CP MOD | BMPCDT        | -20040729ANF |
| 29 | KAQS-DT  | SHAWNEE OK       | 129.7 | PLN    | DTVPLN        | -DTVP0758    |
| 30 | KTUZ-TV  | SHAWNEE OK       | 129.7 | CP     | BPCT          | -20040729AOV |
| 18 | WETUM18D |                  | 92.3  | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 5

### Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 16      | NEW  | ADA OK     | BNPTTL -20000830BPQ  |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application Ref. No. |
|------|----------|------------------|----------|--------|----------------------|
| 16   | K16ER    | FORT SMITH AR    | 233.7    | LIC    | BLTT -20011031AAY    |
| 16   | KLRT-TV  | LITTLE ROCK AR   | 375.5    | LIC    | BLCT -19830629KE     |
| 16   | KSNF     | JOPLIN MO        | 352.0    | LIC    | BLCT -19811027KE     |
| 16   | K16GH    | MCALESTER OK     | 98.8     | CP     | BNPTT -20000831BTF   |
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 158.3    | PLN    | DTVPLN -DTVP0237     |
| 16   | K16FY    | PARIS TX         | 123.9    | CP     | BNPTTL -20000830BLK  |
| 17   | K17FB    | ARDMORE OK       | 59.6     | LIC    | BLTT -20030501ABB    |
| 20   | KXII-DT  | SHERMAN TX       | 42.5     | PLN    | DTVPLN -DTVP0419     |
| 20   | 960920YP | SHERMAN TX       | 96.2     | APP    | BPCT -19960920YP     |
| 30   | KTUZ-TV  | SHAWNEE OK       | 124.8    | CP     | BPCT -20040729AOV    |
| 31   | KOET-DT  | EUFAULA OK       | 144.3    | PLN    | DTVPLN -DTVP0836     |
| 18   | WETUM18D |                  | 94.0     | APP    | USERRECORD-01        |

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 6

### Analysis of current record

| Channel | Call  | City/State   | Application Ref. No. |
|---------|-------|--------------|----------------------|
| 16      | K16GH | MCALESTER OK | BNPTT -20000831BTF   |

### Stations Potentially Affecting This Station

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

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |                  |       |     |               |              |
|----|----------|------------------|-------|-----|---------------|--------------|
| 16 | KLRT-TV  | LITTLE ROCK AR   | 299.8 | LIC | BLCT          | -19830629KE  |
| 16 | KSNF     | JOPLIN MO        | 258.6 | LIC | BLCT          | -19811027KE  |
| 16 | NEW      | ADA OK           | 98.8  | APP | BNPTTL        | -20000830BPQ |
| 16 | KOCO-DT  | OKLAHOMA CITY OK | 169.2 | PLN | DTVPLN        | -DTVP0237    |
| 18 | KFSM-DT  | FORT SMITH AR    | 141.7 | PLN | DTVPLN        | -DTVP0292    |
| 20 | KWBT     | MUSKOGEE OK      | 87.1  | APP | BSRCCT        | -20060403BKW |
| 20 | KWBT-TV  | MUSKOGEE OK      | 87.1  | APP | BPRM          | -19990917ABE |
| 20 | KXII-DT  | SHERMAN TX       | 140.3 | PLN | DTVPLN        | -DTVP0419    |
| 31 | KOET-DT  | EUFAULA OK       | 46.1  | PLN | DTVPLN        | -DTVP0836    |
| 18 | WETUM18D |                  | 40.5  | 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.     |
|---------|-------|------------|-------------|--------------|
| 17      | K17FB | ARDMORE OK | BLTT        | -20030501ABB |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 15   | KTBO-TV  | OKLAHOMA CITY OK | 128.8    | LIC    | BLCDDT        | -20050415AAC |
| 15   | KTBO-DT  | OKLAHOMA CITY OK | 128.7    | PLN    | DTVPLN        | -DTVP0186    |
| 15   | KJTL-DT  | WICHITA FALLS TX | 142.7    | PLN    | DTVPLN        | -DTVP0199    |
| 15   | KJTL     | WICHITA FALLS TX | 142.7    | CP     | BPCDDT        | -19991102ABG |
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 127.4    | PLN    | DTVPLN        | -DTVP0237    |
| 17   | KSLA-DT  | SHREVEPORT LA    | 360.8    | PLN    | DTVPLN        | -DTVP0263    |
| 17   | KDOR-TV  | BARTLESVILLE OK  | 264.6    | LIC    | BLCT          | -19870120LH  |
| 17   | KLHO-LP  | OKLAHOMA CITY OK | 105.9    | LIC    | BLTTTL        | -19990512JH  |
| 17   | KPCB     | SNYDER TX        | 388.7    | LIC    | BLCT          | -19970409KE  |
| 20   | KXII-DT  | SHERMAN TX       | 58.5     | PLN    | DTVPLN        | -DTVP0419    |
| 20   | 960920YP | SHERMAN TX       | 100.4    | APP    | BPCT          | -19960920YP  |
| 24   | KOKH-DT  | OKLAHOMA CITY OK | 126.0    | PLN    | DTVPLN        | -DTVP0581    |
| 24   | KOKH-TV  | OKLAHOMA CITY OK | 126.0    | LIC    | BLCDDT        | -20041207ACV |
| 32   | KETA-TV  | OKLAHOMA CITY OK | 131.2    | CP     | BPEDT         | -20000426ABH |
| 32   | KETA-DT  | OKLAHOMA CITY OK | 126.1    | PLN    | DTVPLN        | -DTVP0875    |
| 18   | WETUM18D |                  | 122.4    | APP    | USERRECORD-01 |              |

Proposal causes no interference

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## Analysis of Interference to Affected Station 8

### NTSC Baseline Analysis

| Channel | Call | City/State      | Application | Ref. No.  |
|---------|------|-----------------|-------------|-----------|
| 17      | KDOR | BARTLESVILLE OK | DTVPLN      | -NPLN1000 |

### Stations Potentially Affecting This Station

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

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |         |                  |       |     |        |           |
|----|---------|------------------|-------|-----|--------|-----------|
| 15 | KDOR-DT | BARTLESVILLE OK  | 0.0   | PLN | DTVPLN | -DTVP0185 |
| 16 | KSNF    | JOPLIN MO        | 124.7 | PLN | DTVPLN | -NPLN0954 |
| 16 | KOCO-DT | OKLAHOMA CITY OK | 187.5 | PLN | DTVPLN | -DTVP0237 |
| 17 | KLEP    | NEWARK AR        | 398.2 | PLN | DTVPLN | -NPLN0978 |
| 17 | KAAS-DT | SALINA KS        | 320.8 | PLN | DTVPLN | -DTVP0261 |
| 17 | KMIZ    | COLUMBIA MO      | 378.1 | PLN | DTVPLN | -NPLN0989 |
| 18 | KFSM-DT | FORT SMITH AR    | 168.8 | PLN | DTVPLN | -DTVP0292 |
| 18 | KAFU-DT | ENID OK          | 190.2 | PLN | DTVPLN | -DTVP0319 |
| 19 | NEW     | MUSKOGEE OK      | 83.5  | PLN | DTVPLN | -NPLN1055 |
| 24 | KPOMTV  | FORT SMITH AR    | 171.8 | PLN | DTVPLN | -NPLN1197 |
| 25 | KOZJ-DT | JOPLIN MO        | 126.2 | PLN | DTVPLN | -DTVP0606 |

|                                  |            |              |     |
|----------------------------------|------------|--------------|-----|
| Results for: 17N OK BARTLESVILLE | DTVPLN     | NPLN1000     | PLN |
|                                  | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour     | 802761     | 16870.5      |     |
| not affected by terrain losses   | 801849     | 16774.4      |     |
| lost to NTSC IX                  | 18294      | 882.8        |     |
| lost to additional IX by ATV     | 0          | 0.0          |     |
| lost to all IX                   | 18294      | 882.8        |     |

## Analysis of current record

| Channel | Call    | City/State      | Application | Ref. No.    |
|---------|---------|-----------------|-------------|-------------|
| 17      | KDOR-TV | BARTLESVILLE OK | BLCT        | -19870120LH |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 14   | KFJX     | PITTSBURG KS     | 122.8    | LIC    | BLCT          | -20031027AAC |
| 15   | KDOR-DT  | BARTLESVILLE OK  | 0.0      | PLN    | DTVPLN        | -DTVP0185    |
| 15   | KDOR-TV  | BARTLESVILLE OK  | 0.0      | CP     | BPCDT         | -19991013ABN |
| 16   | KSNF     | JOPLIN MO        | 124.7    | LIC    | BLCT          | -19811027KE  |
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 187.5    | PLN    | DTVPLN        | -DTVP0237    |
| 17   | KAAS-TV  | SALINA KS        | 320.8    | LIC    | BLCDDT        | -20021120AAP |
| 17   | KAAS-DT  | SALINA KS        | 320.8    | PLN    | DTVPLN        | -DTVP0261    |
| 17   | KMIZ     | COLUMBIA MO      | 378.1    | LIC    | BLCT          | -19930930KR  |
| 18   | KFSM-DT  | FORT SMITH AR    | 168.8    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KFSM-TV  | FORT SMITH AR    | 163.6    | CP MOD | BMPCDT        | -20041104AMO |
| 18   | KAFU-DT  | ENID OK          | 190.2    | PLN    | DTVPLN        | -DTVP0319    |
| 19   | KWBT     | MUSKOGEE OK      | 85.0     | LIC    | BLCT          | -19990922AAE |
| 20   | KWBT     | MUSKOGEE OK      | 85.0     | APP    | BSRCCT        | -20060403BKW |
| 20   | KWBT-TV  | MUSKOGEE OK      | 85.0     | APP    | BPRM          | -19990917ABE |
| 24   | KFTA-TV  | FORT SMITH AR    | 171.8    | LIC    | BLCT          | -19781025KF  |
| 25   | KOZJ     | JOPLIN MO        | 126.1    | CP MOD | BMPEDT        | -20060502AAO |
| 25   | KOZJ-DT  | JOPLIN MO        | 126.2    | PLN    | DTVPLN        | -DTVP0606    |
| 18   | WETUM18D |                  | 157.0    | 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.    |
|---------|---------|------------------|-------------|-------------|
| 17      | KLHO-LP | OKLAHOMA CITY OK | BLTTL       | -19990512JH |



# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 15   | KTBO-TV  | OKLAHOMA CITY OK | 23.1     | LIC    | BLCDDT        | -20050415AAC |
| 15   | KTBO-DT  | OKLAHOMA CITY OK | 23.0     | PLN    | DTVPLN        | -DTVP0186    |
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 21.6     | PLN    | DTVPLN        | -DTVP0237    |
| 17   | K17FB    | ARDMORE OK       | 105.9    | LIC    | BLTT          | -20030501ABB |
| 17   | KDOR-TV  | BARTLESVILLE OK  | 198.5    | LIC    | BLCT          | -19870120LH  |
| 17   | K17DH    | WEATHERFORD OK   | 116.0    | LIC    | BLTT          | -19950127JC  |
| 17   | K17GY    | GAINESVILLE TX   | 228.4    | APP    | BNPTTL        | -20000830BLR |
| 18   | KAFU-DT  | ENID OK          | 129.2    | PLN    | DTVPLN        | -DTVP0319    |
| 21   | NEW      | ENID OK          | 71.2     | ADD    | BPRM          | -20000717ACK |
| 24   | KOKH-DT  | OKLAHOMA CITY OK | 20.2     | PLN    | DTVPLN        | -DTVP0581    |
| 24   | KOKH-TV  | OKLAHOMA CITY OK | 20.2     | LIC    | BLCDDT        | -20041207ACV |
| 32   | KETA-TV  | OKLAHOMA CITY OK | 25.5     | CP     | BPEDT         | -20000426ABH |
| 32   | KETA-DT  | OKLAHOMA CITY OK | 20.3     | PLN    | DTVPLN        | -DTVP0875    |
| 18   | WETUM18D |                  | 120.2    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to nearest cell evaluation distance

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## Analysis of Interference to Affected Station 10

### Analysis of current record

| Channel | Call  | City/State   | Application | Ref. No. |
|---------|-------|--------------|-------------|----------|
| 18      | K18AB | EL DORADO AR | BLTT        | -1193    |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State      | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|-----------------|----------|--------|---------------|--------------|
| 14   | KVTH     | HOT SPRINGS AR  | 133.8    | CP     | BPCDDT        | -19990924AAP |
| 14   | KVTH-DT  | HOT SPRINGS AR  | 133.8    | PLN    | DTVPLN        | -DTVP0123    |
| 15   | KTAL-DT  | TEXARKANA TX    | 129.7    | PLN    | DTVPLN        | -DTVP0197    |
| 17   | KSLA-DT  | SHREVEPORT LA   | 132.6    | PLN    | DTVPLN        | -DTVP0263    |
| 18   | KFSM-DT  | FORT SMITH AR   | 299.4    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KFSM-TV  | FORT SMITH AR   | 321.6    | CP MOD | BMPCDDT       | -20041104AMO |
| 18   | KTVV-LP  | HOT SPRINGS AR  | 155.4    | APP    | BDISTTL       | -20060403AQY |
| 18   | KIPB-LP  | PINE BLUFF AR   | 126.1    | CP     | BPTTL         | -20050708AAX |
| 18   | KLTL-TV  | LAKE CHARLES LA | 314.2    | LIC    | BLET          | -19810508KF  |
| 18   | WMAU-DT  | BUDE MS         | 272.2    | PLN    | DTVPLN        | -DTVP0313    |
| 18   | WMAU-TV  | BUDE MS         | 272.1    | CP     | BPEDT         | -20000501AHS |
| 18   | WMAV-TV  | OXFORD MS       | 298.5    | LIC    | BLET          | -20001011ABP |
| 18   | KYTX     | NACOGDOCHES TX  | 269.3    | CP     | BPCDDT        | -19991029ACW |
| 18   | KLSB-DT  | NACOGDOCHES TX  | 281.4    | PLN    | DTVPLN        | -DTVP0330    |
| 19   | KLTM-DT  | MONROE LA       | 125.8    | PLN    | DTVPLN        | -DTVP0355    |
| 21   | KPXJ     | MINDEN LA       | 132.1    | CP     | BPCDDT        | -20040518ABZ |
| 25   | KLTS-DT  | SHREVEPORT LA   | 131.9    | PLN    | DTVPLN        | -DTVP0604    |
| 33   | KMSS-TV  | SHREVEPORT LA   | 133.1    | LIC    | BLCT          | -19990401LG  |
| 18   | WETUM18D |                 | 386.8    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

nearest cell evaluation distance

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## Analysis of Interference to Affected Station 11

### Analysis of current record

| Channel | Call  | City/State        | Application Ref. No. |
|---------|-------|-------------------|----------------------|
| 18      | K18EG | EUREKA SPRINGS AR | BLTTL -19960311JC    |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State      | Dist(km) | Status | Application Ref. No. |
|------|----------|-----------------|----------|--------|----------------------|
| 15   | KHOG-TV  | FAYETTEVILLE AR | 48.7     | LIC    | BLC DT -20020904AAX  |
| 15   | KHOG-DT  | FAYETTEVILLE AR | 48.7     | PLN    | DTVPLN -DTVP0158     |
| 18   | KFSM-TV  | FORT SMITH AR   | 109.2    | PLN    | DTVPLN -DTVP0292     |
| 18   | KFSM-DT  | FORT SMITH AR   | 69.4     | CP MOD | BMPCDT -20041104AMO  |
| 18   | 951211KI | EDWARDSVILLE IL | 378.2    | APP    | BPET -19951211KI     |
| 18   | KCPT     | KANSAS CITY MO  | 309.4    | LIC    | BLEDT -20060327AGR   |
| 18   | KCPT-DT  | KANSAS CITY MO  | 309.4    | PLN    | DTVPLN -DTVP0311     |
| 18   | KPOB-TV  | POPLAR BLUFF MO | 298.3    | CP     | BPCDT -19991019ABN   |
| 18   | KPOB-DT  | POPLAR BLUFF MO | 298.3    | PLN    | DTVPLN -DTVP0312     |
| 18   | KAFU-DT  | ENID OK         | 371.3    | PLN    | DTVPLN -DTVP0319     |
| 19   | KSPR     | SPRINGFIELD MO  | 119.0    | CP     | BPCDT -19991029ADI   |
| 19   | KSPR-DT  | SPRINGFIELD MO  | 119.0    | PLN    | DTVPLN -DTVP0359     |
| 25   | KOZJ     | JOPLIN MO       | 106.2    | CP MOD | BMPEDT -20060502AAO  |
| 25   | KOZJ-DT  | JOPLIN MO       | 106.1    | PLN    | DTVPLN -DTVP0606     |
| 33   | KSPR     | SPRINGFIELD MO  | 119.0    | LIC    | BLCT -19861020KF     |
| 18   | WETUM18D |                 | 256.8    | APP    | USERRECORD-01        |

Proposal causes no interference

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## Analysis of Interference to Affected Station 12

### DTV Baseline Analysis

| Channel | Call    | City/State    | Application Ref. No. |
|---------|---------|---------------|----------------------|
| 18      | KFSM-DT | FORT SMITH AR | DTVPLN -DTVP0292     |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 17   | KDOR    | BARTLESVILLE OK  | 168.8    | PLN    | DTVPLN -NPLN1000     |
| 18   | KCPT-DT | KANSAS CITY MO   | 397.1    | PLN    | DTVPLN -DTVP0311     |
| 18   | KPOB-DT | POPLAR BLUFF MO  | 378.9    | PLN    | DTVPLN -DTVP0312     |
| 18   | KAFU-DT | ENID OK          | 335.7    | PLN    | DTVPLN -DTVP0319     |
| 18   | KTXA-DT | FORT WORTH TX    | 404.0    | PLN    | DTVPLN -DTVP0329     |
| 18   | KJTL    | WICHITA FALLS TX | 424.2    | PLN    | DTVPLN -NPLN1033     |
| 19   | KSPR-DT | SPRINGFIELD MO   | 227.9    | PLN    | DTVPLN -DTVP0359     |
| 19   | NEW     | MUSKOGEE OK      | 135.8    | PLN    | DTVPLN -NPLN1055     |

Results for: 18A AR FORT SMITH                      DTVPLN      DTVP0292      PLN

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

HAAT 384.0 m, ATV ERP 1000.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 698073     | 38310.4      |
| not affected by terrain losses | 635851     | 32586.1      |
| lost to NTSC IX                | 7761       | 263.4        |
| lost to additional IX by ATV   | 215        | 33.8         |
| lost to ATV IX only            | 809        | 84.5         |
| lost to all IX                 | 7976       | 297.1        |

## NTSC Baseline Analysis

| Channel | Call   | City/State    | Application | Ref. No.  |
|---------|--------|---------------|-------------|-----------|
| 05      | KFSMTV | FORT SMITH AR | DTVPLN      | -NPLN0338 |

## Stations Potentially Affecting This Station

| Chan | Call   | City/State       | Dist(km) | Status | Application | Ref. No.  |
|------|--------|------------------|----------|--------|-------------|-----------|
| 05   | KCTV   | KANSAS CITY MO   | 396.1    | PLN    | DTVPLN      | -NPLN0358 |
| 05   | KOCOTV | OKLAHOMA CITY OK | 283.1    | PLN    | DTVPLN      | -NPLN0373 |
| 05   | WMCTV  | MEMPHIS TN       | 407.4    | PLN    | DTVPLN      | -NPLN0379 |
| 05   | KXASTV | FORT WORTH TX    | 404.0    | PLN    | DTVPLN      | -NPLN0381 |
| 06   | KEMV   | MOUNTAIN VIEW AR | 189.9    | PLN    | DTVPLN      | -NPLN0394 |
| 06   | KOTV   | TULSA OK         | 131.4    | PLN    | DTVPLN      | -NPLN0434 |

Results for: 5N AR FORT SMITH DTVPLN NPLN0338 PLN

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 698073     | 38310.4      |
| not affected by terrain losses | 619232     | 32190.5      |
| lost to NTSC IX                | 82127      | 3338.2       |
| lost to additional IX by ATV   | 0          | 0.0          |
| lost to all IX                 | 82127      | 3338.2       |

## Analysis of current record

| Channel | Call    | City/State    | Application | Ref. No.     |
|---------|---------|---------------|-------------|--------------|
| 18      | KFSM-TV | FORT SMITH AR | BMPCDT      | -20041104AMO |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State      | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|-----------------|----------|--------|---------------|--------------|
| 17   | KDOR-TV  | BARTLESVILLE OK | 163.6    | LIC    | BLCT          | -19870120LH  |
| 18   | KCPT     | KANSAS CITY MO  | 362.7    | LIC    | BLEDT         | -20060327AGR |
| 18   | KCPT-DT  | KANSAS CITY MO  | 362.7    | PLN    | DTVPLN        | -DTVP0311    |
| 18   | KPOB-TV  | POPLAR BLUFF MO | 348.9    | CP     | BPCDT         | -19991019ABN |
| 18   | KPOB-DT  | POPLAR BLUFF MO | 348.9    | PLN    | DTVPLN        | -DTVP0312    |
| 18   | KAFU-DT  | ENID OK         | 343.3    | PLN    | DTVPLN        | -DTVP0319    |
| 19   | KSPR     | SPRINGFIELD MO  | 188.3    | CP     | BPCDT         | -19991029ADI |
| 19   | KSPR-DT  | SPRINGFIELD MO  | 188.3    | PLN    | DTVPLN        | -DTVP0359    |
| 19   | KWBT     | MUSKOGEE OK     | 148.8    | LIC    | BLCT          | -19990922AAE |
| 18   | WETUM18D |                 | 197.3    | APP    | USERRECORD-01 |              |

Total scenarios = 8

Result key: 1  
 Scenario 1 Affected station 12  
 Before Analysis

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 164        | 17.8         |
| lost to ATV IX only            | 165        | 18.8         |
| lost to all IX                 | 580        | 45.5         |

Potential Interfering Stations Included in above Scenario      1

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | BLEDT  | 20060327AGR | LIC |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | BPCDT  | 19991029ADI | CP  |

## After Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1581       | 151.4        |
| lost to ATV IX only            | 1592       | 160.3        |
| lost to all IX                 | 1997       | 179.1        |

Potential Interfering Stations Included in above Scenario      1

|   |              |             |             |
|---|--------------|-------------|-------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC         |
| 18A MO KANSAS CITY                      | BLEDT        | 20060327AGR | LIC         |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN         |
| 19A MO SPRINGFIELD                      | BPCDT        | 19991029ADI | CP          |
| 18A                                     | USERRECORD01 |             | APP         |
| *Percent Service lost without proposal: | 9.5          | to BMPCDT   | 20041104AMO |
| *Percent Service lost with proposal:    | 9.7          | to BMPCDT   | 20041104AMO |

Result key:                      2  
 Scenario                      2    Affected station                      12  
 Before Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 123        | 11.9         |
| lost to ATV IX only            | 124        | 12.9         |
| lost to all IX                 | 539        | 39.6         |

Potential Interfering Stations Included in above Scenario      2

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | BLEDT  | 20060327AGR | LIC |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | DTVPLN | DTVP0359    | PLN |

## After Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1540       | 145.4        |
| lost to ATV IX only            | 1551       | 154.3        |
| lost to all IX                 | 1956       | 173.1        |

Potential Interfering Stations Included in above Scenario      2

|   |              |             |             |
|---|--------------|-------------|-------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC         |
| 18A MO KANSAS CITY                      | BLEDT        | 20060327AGR | LIC         |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN         |
| 19A MO SPRINGFIELD                      | DTVPLN       | DTVP0359    | PLN         |
| 18A                                     | USERRECORD01 |             | APP         |
| *Percent Service lost without proposal: | 9.5          | to BMPCDT   | 20041104AMO |
| *Percent Service lost with proposal:    | 9.7          | to BMPCDT   | 20041104AMO |

Result key:                      3  
 Scenario                      3    Affected station                      12  
 Before Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 164        | 17.8         |
| lost to ATV IX only            | 165        | 18.8         |
| lost to all IX                 | 580        | 45.5         |

Potential Interfering Stations Included in above Scenario      3

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | DTVPLN | DTVP0311    | PLN |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | BPCDT  | 19991029ADI | CP  |

## After Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                              |      |       |
|------------------------------|------|-------|
| lost to NTSC IX              | 416  | 27.7  |
| lost to additional IX by ATV | 1581 | 151.4 |
| lost to ATV IX only          | 1592 | 160.3 |
| lost to all IX               | 1997 | 179.1 |

Potential Interfering Stations Included in above Scenario 3

|   |              |             |                       |
|---|--------------|-------------|-----------------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC                   |
| 18A MO KANSAS CITY                      | DTVPLN       | DTVP0311    | PLN                   |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN                   |
| 19A MO SPRINGFIELD                      | BPCDT        | 19991029ADI | CP                    |
| 18A                                     | USERRECORD01 |             | APP                   |
| *Percent Service lost without proposal: |              | 9.5         | to BMPCDT 20041104AMO |
| *Percent Service lost with proposal:    |              | 9.7         | to BMPCDT 20041104AMO |

Result key: 4  
 Scenario 4 Affected station 12  
 Before Analysis

Results for: 18A AR FORT SMITH BMPCDT 20041104AMO CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 123        | 11.9         |
| lost to ATV IX only            | 124        | 12.9         |
| lost to all IX                 | 539        | 39.6         |

Potential Interfering Stations Included in above Scenario 4

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | DTVPLN | DTVP0311    | PLN |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | DTVPLN | DTVP0359    | PLN |

After Analysis

Results for: 18A AR FORT SMITH BMPCDT 20041104AMO CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1540       | 145.4        |
| lost to ATV IX only            | 1551       | 154.3        |
| lost to all IX                 | 1956       | 173.1        |

Potential Interfering Stations Included in above Scenario 4

|                    |              |             |     |
|--------------------|--------------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT         | 19990922AAE | LIC |
| 18A MO KANSAS CITY | DTVPLN       | DTVP0311    | PLN |
| 18A OK ENID        | DTVPLN       | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | DTVPLN       | DTVP0359    | PLN |
| 18A                | USERRECORD01 |             | APP |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

\*Percent Service lost without proposal: 9.5 to BMPCDT 20041104AMO  
 \*Percent Service lost with proposal: 9.7 to BMPCDT 20041104AMO

Result key: 5  
 Scenario 5 Affected station 12  
 Before Analysis

Results for: 18A AR FORT SMITH BMPCDT 20041104AMO CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 164        | 17.8         |
| lost to ATV IX only            | 165        | 18.8         |
| lost to all IX                 | 580        | 45.5         |

Potential Interfering Stations Included in above Scenario 5

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | BLEDT  | 20060327AGR | LIC |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | BPCDT  | 19991029ADI | CP  |

After Analysis

Results for: 18A AR FORT SMITH BMPCDT 20041104AMO CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1581       | 151.4        |
| lost to ATV IX only            | 1592       | 160.3        |
| lost to all IX                 | 1997       | 179.1        |

Potential Interfering Stations Included in above Scenario 5

|   |              |             |             |
|---|--------------|-------------|-------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC         |
| 18A MO KANSAS CITY                      | BLEDT        | 20060327AGR | LIC         |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN         |
| 19A MO SPRINGFIELD                      | BPCDT        | 19991029ADI | CP          |
| 18A                                     | USERRECORD01 |             | APP         |
| *Percent Service lost without proposal: | 9.5          | to BMPCDT   | 20041104AMO |
| *Percent Service lost with proposal:    | 9.7          | to BMPCDT   | 20041104AMO |

Result key: 6  
 Scenario 6 Affected station 12  
 Before Analysis

Results for: 18A AR FORT SMITH BMPCDT 20041104AMO CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                              | POPULATION | AREA (sq km) |
|------------------------------|------------|--------------|
| within Noise Limited Contour | 588573     | 27201.5      |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                                |        |         |
|--------------------------------|--------|---------|
| not affected by terrain losses | 568712 | 25991.5 |
| lost to NTSC IX                | 416    | 27.7    |
| lost to additional IX by ATV   | 123    | 11.9    |
| lost to ATV IX only            | 124    | 12.9    |
| lost to all IX                 | 539    | 39.6    |

Potential Interfering Stations Included in above Scenario 6

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | BLEDT  | 20060327AGR | LIC |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | DTVPLN | DTVP0359    | PLN |

## After Analysis

Results for: 18A AR FORT SMITH      BMPCDT      20041104AMO      CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1540       | 145.4        |
| lost to ATV IX only            | 1551       | 154.3        |
| lost to all IX                 | 1956       | 173.1        |

Potential Interfering Stations Included in above Scenario 6

|   |              |             |             |
|---|--------------|-------------|-------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC         |
| 18A MO KANSAS CITY                      | BLEDT        | 20060327AGR | LIC         |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN         |
| 19A MO SPRINGFIELD                      | DTVPLN       | DTVP0359    | PLN         |
| 18A                                     | USERRECORD01 |             | APP         |
| *Percent Service lost without proposal: | 9.5          | to BMPCDT   | 20041104AMO |
| *Percent Service lost with proposal:    | 9.7          | to BMPCDT   | 20041104AMO |

Result key: 7  
 Scenario 7 Affected station 12  
 Before Analysis

Results for: 18A AR FORT SMITH      BMPCDT      20041104AMO      CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 164        | 17.8         |
| lost to ATV IX only            | 165        | 18.8         |
| lost to all IX                 | 580        | 45.5         |

Potential Interfering Stations Included in above Scenario 7

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | DTVPLN | DTVP0311    | PLN |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | BPCDT  | 19991029ADI | CP  |



# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1581       | 151.4        |
| lost to ATV IX only            | 1592       | 160.3        |
| lost to all IX                 | 1997       | 179.1        |

Potential Interfering Stations Included in above Scenario      7

|   |              |             |             |
|---|--------------|-------------|-------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC         |
| 18A MO KANSAS CITY                      | DTVPLN       | DTVP0311    | PLN         |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN         |
| 19A MO SPRINGFIELD                      | BPCDT        | 19991029ADI | CP          |
| 18A                                     | USERRECORD01 |             | APP         |
| *Percent Service lost without proposal: | 9.5          | to BMPCDT   | 20041104AMO |
| *Percent Service lost with proposal:    | 9.7          | to BMPCDT   | 20041104AMO |

Result key:                      8  
 Scenario                      8    Affected station                      12  
 Before Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 123        | 11.9         |
| lost to ATV IX only            | 124        | 12.9         |
| lost to all IX                 | 539        | 39.6         |

Potential Interfering Stations Included in above Scenario      8

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19N OK MUSKOGEE    | BLCT   | 19990922AAE | LIC |
| 18A MO KANSAS CITY | DTVPLN | DTVP0311    | PLN |
| 18A OK ENID        | DTVPLN | DTVP0319    | PLN |
| 19A MO SPRINGFIELD | DTVPLN | DTVP0359    | PLN |

## After Analysis

Results for: 18A AR FORT SMITH                      BMPCDT      20041104AMO    CP  
 HAAT 286.0 m, ATV ERP 550.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 588573     | 27201.5      |
| not affected by terrain losses | 568712     | 25991.5      |
| lost to NTSC IX                | 416        | 27.7         |
| lost to additional IX by ATV   | 1540       | 145.4        |
| lost to ATV IX only            | 1551       | 154.3        |
| lost to all IX                 | 1956       | 173.1        |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 8

|   |              |             |                       |
|---|--------------|-------------|-----------------------|
| 19N OK MUSKOGEE                         | BLCT         | 19990922AAE | LIC                   |
| 18A MO KANSAS CITY                      | DTVPLN       | DTVP0311    | PLN                   |
| 18A OK ENID                             | DTVPLN       | DTVP0319    | PLN                   |
| 19A MO SPRINGFIELD                      | DTVPLN       | DTVP0359    | PLN                   |
| 18A                                     | USERRECORD01 |             | APP                   |
| *Percent Service lost without proposal: |              | 9.5         | to BMPCDT 20041104AMO |
| *Percent Service lost with proposal:    |              | 9.7         | to BMPCDT 20041104AMO |

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Analysis of Interference to Affected Station 13

Analysis of current record

| Channel | Call    | City/State     | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 18      | KTVV-LP | HOT SPRINGS AR | BDISTTL -20060403AQY |

Stations Potentially Affecting This Station

| Chan | Call     | City/State      | Dist(km) | Status | Application Ref. No. |
|------|----------|-----------------|----------|--------|----------------------|
| 14   | KVTH     | HOT SPRINGS AR  | 21.8     | CP     | BPCDT -19990924AAP   |
| 14   | KVTH-DT  | HOT SPRINGS AR  | 21.7     | PLN    | DTVPLN -DTVP0123     |
| 16   | KLRT-TV  | LITTLE ROCK AR  | 60.1     | LIC    | BLCT -19830629KE     |
| 18   | KFSM-DT  | FORT SMITH AR   | 156.7    | PLN    | DTVPLN -DTVP0292     |
| 18   | KFSM-TV  | FORT SMITH AR   | 171.0    | CP MOD | BMPCDT -20041104AMO  |
| 18   | KIPB-LP  | PINE BLUFF AR   | 105.1    | CP     | BPTTL -20050708AAX   |
| 18   | KPOB-TV  | POPLAR BLUFF MO | 343.8    | CP     | BPCDT -19991019ABN   |
| 18   | KPOB-DT  | POPLAR BLUFF MO | 343.8    | PLN    | DTVPLN -DTVP0312     |
| 18   | WMAV-TV  | OXFORD MS       | 311.2    | LIC    | BLET -20001011ABP    |
| 18   | KYTX     | NACOGDOCHES TX  | 349.3    | CP     | BPCDT -19991029ACW   |
| 18   | KLSB-DT  | NACOGDOCHES TX  | 384.4    | PLN    | DTVPLN -DTVP0330     |
| 20   | 960520KE | HOT SPRINGS AR  | 0.0      | APP    | BPET -19960520KE     |
| 20   | 960923KH | HOT SPRINGS AR  | 51.1     | APP    | BPET -19960923KH     |
| 20   | 961001KG | HOT SPRINGS AR  | 55.5     | APP    | BPET -19961001KG     |
| 22   | KATV-DT  | LITTLE ROCK AR  | 81.3     | PLN    | DTVPLN -DTVP0469     |
| 22   | KATV     | LITTLE ROCK AR  | 81.4     | CP     | BPCDT -19991027ABF   |
| 32   | KARK-DT  | LITTLE ROCK AR  | 59.4     | PLN    | DTVPLN -DTVP0850     |
| 18   | WETUM18D |                 | 288.2    | APP    | USERRECORD-01        |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

| Channel | Call    | City/State    | Application Ref. No. |
|---------|---------|---------------|----------------------|
| 18      | KIPB-LP | PINE BLUFF AR | BPTTL -20050708AAX   |

Stations Potentially Affecting This Station

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

| Chan | Call     | City/State      | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|-----------------|----------|--------|---------------|--------------|
| 14   | KVTH     | HOT SPRINGS AR  | 95.9     | CP     | BPCDT         | -19990924AAP |
| 14   | KVTH-DT  | HOT SPRINGS AR  | 95.9     | PLN    | DTVPLN        | -DTVP0123    |
| 15   | WXVT     | GREENVILLE MS   | 136.1    | APP    | BFRCTT        | -20050808ACT |
| 18   | KFSM-DT  | FORT SMITH AR   | 257.7    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KFSM-TV  | FORT SMITH AR   | 264.8    | CP MOD | BMPCDT        | -20041104AMO |
| 18   | KTVV-LP  | HOT SPRINGS AR  | 105.1    | APP    | BDISTTL       | -20060403AQY |
| 18   | KPOB-TV  | POPLAR BLUFF MO | 320.8    | CP     | BPCDT         | -19991019ABN |
| 18   | KPOB-DT  | POPLAR BLUFF MO | 320.8    | PLN    | DTVPLN        | -DTVP0312    |
| 18   | WMAU-DT  | BUDE MS         | 337.3    | PLN    | DTVPLN        | -DTVP0313    |
| 18   | WMAU-TV  | BUDE MS         | 337.2    | CP     | BPEDT         | -20000501AHS |
| 18   | WMAV-TV  | OXFORD MS       | 212.8    | LIC    | BLET          | -20001011ABP |
| 18   | KYTX     | NACOGDOCHES TX  | 383.7    | CP     | BPCDT         | -19991029ACW |
| 22   | KATV-DT  | LITTLE ROCK AR  | 33.4     | PLN    | DTVPLN        | -DTVP0469    |
| 22   | KATV     | LITTLE ROCK AR  | 33.4     | CP     | BPCDT         | -19991027ABF |
| 26   | NEW      | CLARKSDALE MS   | 127.9    | APP    | BPRM          | -20000501AJH |
| 32   | KARK-DT  | LITTLE ROCK AR  | 78.6     | PLN    | DTVPLN        | -DTVP0850    |
| 18   | WETUM18D |                 | 392.6    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 15

### Analysis of current record

| Channel | Call    | City/State | Application | Ref. No.     |
|---------|---------|------------|-------------|--------------|
| 18      | KDNT-LP | ALLEN OK   | BLTTL       | -20060109ADC |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 18   | KFSM-DT  | FORT SMITH AR    | 230.5    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KFSM-TV  | FORT SMITH AR    | 266.9    | CP MOD | BMPCDT        | -20041104AMO |
| 18   | KAFU-DT  | ENID OK          | 281.9    | PLN    | DTVPLN        | -DTVP0319    |
| 18   | KTXA     | FORT WORTH TX    | 198.6    | LIC    | BLCDT         | -20001130ACY |
| 18   | KTXA-DT  | FORT WORTH TX    | 193.9    | PLN    | DTVPLN        | -DTVP0329    |
| 18   | KYTX     | NACOGDOCHES TX   | 288.4    | CP     | BPCDT         | -19991029ACW |
| 18   | KLSB-DT  | NACOGDOCHES TX   | 351.3    | PLN    | DTVPLN        | -DTVP0330    |
| 18   | KJTL     | WICHITA FALLS TX | 216.1    | LIC    | BLCT          | -19850523LJ  |
| 20   | KXII-DT  | SHERMAN TX       | 46.5     | PLN    | DTVPLN        | -DTVP0419    |
| 20   | 960920YP | SHERMAN TX       | 94.8     | APP    | BPCT          | -19960920YP  |
| 25   | NEW      | LEONARD TX       | 99.0     | APP    | BPRM          | -20040317AFI |
| 26   | KTEN     | ADA OK           | 19.8     | CP     | BPCDT         | -19991007AAW |
| 26   | KTEN-DT  | ADA OK           | 19.8     | PLN    | DTVPLN        | -DTVP0649    |
| 18   | WETUM18D |                  | 99.5     | APP    | USERRECORD-01 |              |

Total scenarios = 1

Result key: 9  
Scenario 1 Affected station 15

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 18N OK ALLEN      | BLTTTL     | 20060109ADC  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 29758      | 2164.0       |     |
| not affected by terrain losses | 29758      | 2164.0       |     |
| 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: 18N OK ALLEN      | BLTTTL     | 20060109ADC  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 29758      | 2164.0       |     |
| not affected by terrain losses | 29758      | 2164.0       |     |
| lost to NTSC IX                | 0          | 0.0          |     |
| lost to additional IX by ATV   | 54         | 12.8         |     |
| lost to all IX                 | 54         | 12.8         |     |

Potential Interfering Stations Included in above Scenario 1

|   |              |        |             |
|---|--------------|--------|-------------|
| 18A   | USERRECORD01 | APP    |             |
| *Percent new DTV interference without proposal: | 0.0          | BLTTTL | 20060109ADC |
| *Percent new DTV interference with proposal:    | 0.2          | BLTTTL | 20060109ADC |

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## Analysis of Interference to Affected Station 16

### Analysis of current record

| Channel | Call | City/State | Application | Ref. No.     |
|---------|------|------------|-------------|--------------|
| 18      | NEW  | CLINTON OK | BNPTT       | -20000830BEZ |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application | Ref. No.     |
|------|---------|------------------|----------|--------|-------------|--------------|
| 15   | KTBO-TV | OKLAHOMA CITY OK | 135.4    | LIC    | BLCDDT      | -20050415AAC |
| 15   | KTBO-DT | OKLAHOMA CITY OK | 135.5    | PLN    | DTVPLN      | -DTVP0186    |
| 16   | KOCO-DT | OKLAHOMA CITY OK | 135.0    | PLN    | DTVPLN      | -DTVP0237    |
| 17   | K17DH   | WEATHERFORD OK   | 22.9     | LIC    | BLTT        | -19950127JC  |
| 18   | KUPK-TV | GARDEN CITY KS   | 280.2    | CP     | BPCDDT      | -19991025ADQ |
| 18   | KUPK-DT | GARDEN CITY KS   | 280.2    | PLN    | DTVPLN      | -DTVP0305    |
| 18   | KAFU-DT | ENID OK          | 143.9    | PLN    | DTVPLN      | -DTVP0319    |
| 18   | KTXA    | FORT WORTH TX    | 380.1    | LIC    | BLCDDT      | -20001130ACY |
| 18   | KTXA-DT | FORT WORTH TX    | 375.1    | PLN    | DTVPLN      | -DTVP0329    |
| 18   | KJTL    | WICHITA FALLS TX | 148.7    | LIC    | BLCT        | -19850523LJ  |
| 19   | K19FS   | CLINTON OK       | 0.0      | CP     | BNPTTL      | -20000831CJN |
| 21   | NEW     | ENID OK          | 126.7    | ADD    | BPRM        | -20000717ACK |
| 32   | KETA-TV | OKLAHOMA CITY OK | 135.2    | CP     | BPEDT       | -20000426ABH |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |                  |       |        |               |              |
|----|----------|------------------|-------|--------|---------------|--------------|
| 32 | KETA-DT  | OKLAHOMA CITY OK | 134.3 | PLN    | DTVPLN        | -DTVP0875    |
| 33 | KOCB     | OKLAHOMA CITY OK | 135.1 | CP MOD | BMPCDT        | -20020813ABE |
| 33 | KOCB-DT  | OKLAHOMA CITY OK | 135.4 | PLN    | DTVPLN        | -DTVP0913    |
| 18 | WETUM18D |                  | 258.9 | APP    | USERRECORD-01 |              |

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 17

### Analysis of current record

| Channel | Call  | City/State   | Application | Ref. No.    |
|---------|-------|--------------|-------------|-------------|
| 18      | K18BV | MAY, ETC. OK | BLTVL       | -19880304IK |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 18   | KUPK-TV  | GARDEN CITY KS   | 156.8    | CP     | BPCDT         | -19991025ADQ |
| 18   | KUPK-DT  | GARDEN CITY KS   | 156.8    | PLN    | DTVPLN        | -DTVP0305    |
| 18   | KAAS-TV  | SALINA KS        | 363.3    | LIC    | BLCT          | -19880408KF  |
| 18   | NEW      | CLINTON OK       | 123.7    | APP    | BNPTT         | -20000830BEZ |
| 18   | KAFU-DT  | ENID OK          | 167.7    | PLN    | DTVPLN        | -DTVP0319    |
| 18   | KPTF     | FARWELL TX       | 381.8    | LIC    | BLCT          | -20010405ADB |
| 18   | KJTL     | WICHITA FALLS TX | 265.6    | LIC    | BLCT          | -19850523LJ  |
| 18   | WETUM18D |                  | 355.6    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 18

### DTV Baseline Analysis

| Channel | Call    | City/State    | Application | Ref. No.  |
|---------|---------|---------------|-------------|-----------|
| 18      | KTXA-DT | FORT WORTH TX | DTVPLN      | -DTVP0329 |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application | Ref. No.  |
|------|---------|------------------|----------|--------|-------------|-----------|
| 18   | KFSM-DT | FORT SMITH AR    | 404.0    | PLN    | DTVPLN      | -DTVP0292 |
| 18   | KLRU    | AUSTIN TX        | 264.1    | PLN    | DTVPLN      | -NPLN1030 |
| 18   | KLSB-DT | NACOGDOCHES TX   | 245.8    | PLN    | DTVPLN      | -DTVP0330 |
| 18   | KJTL    | WICHITA FALLS TX | 242.4    | PLN    | DTVPLN      | -NPLN1033 |
| 19   | KTVT-DT | FORT WORTH TX    | 1.9      | PLN    | DTVPLN      | -DTVP0372 |

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 18A TX FORT WORTH | DTVPLN     | DTVP0329     | PLN |
| HAAT 503.0 m, ATV ERP 220.0 kW |            |              |     |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 4061983    | 28106.7      |     |
| not affected by terrain losses | 4061511    | 28024.7      |     |
| lost to NTSC IX                | 3313       | 348.2        |     |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                              |       |        |
|------------------------------|-------|--------|
| lost to additional IX by ATV | 14364 | 703.3  |
| lost to ATV IX only          | 14566 | 717.0  |
| lost to all IX               | 17677 | 1051.6 |

## NTSC Baseline Analysis

| Channel | Call | City/State    | Application | Ref. No.  |
|---------|------|---------------|-------------|-----------|
| 21      | KTXA | FORT WORTH TX | DTVPLN      | -NPLN1127 |

## Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application | Ref. No.  |
|------|---------|------------------|----------|--------|-------------|-----------|
| 14   | KERA-DT | DALLAS TX        | 1.9      | PLN    | DTVPLN      | -DTVP0149 |
| 18   | KTXA-DT | FORT WORTH TX    | 0.0      | PLN    | DTVPLN      | -DTVP0329 |
| 19   | KTVT-DT | FORT WORTH TX    | 1.9      | PLN    | DTVPLN      | -DTVP0372 |
| 20   | KXII-DT | SHERMAN TX       | 161.2    | PLN    | DTVPLN      | -DTVP0419 |
| 20   | KCTF-DT | WACO TX          | 121.6    | PLN    | DTVPLN      | -DTVP0421 |
| 21   | KHBS-DT | FORT SMITH AR    | 347.5    | PLN    | DTVPLN      | -DTVP0427 |
| 21   | NEW     | MINDEN LA        | 340.5    | PLN    | DTVPLN      | -NPLN1110 |
| 21   | KXAN-DT | AUSTIN TX        | 263.6    | PLN    | DTVPLN      | -DTVP0459 |
| 21   | KFDM-DT | BEAUMONT TX      | 393.3    | PLN    | DTVPLN      | -DTVP0460 |
| 21   | NEW     | SAN ANGELO TX    | 352.0    | PLN    | DTVPLN      | -NPLN1128 |
| 22   | KETK-DT | JACKSONVILLE TX  | 166.2    | PLN    | DTVPLN      | -DTVP0506 |
| 22   | KAUZ-DT | WICHITA FALLS TX | 206.3    | PLN    | DTVPLN      | -DTVP0508 |
| 23   | KUVN    | GARLAND TX       | 43.5     | PLN    | DTVPLN      | -NPLN1193 |
| 24   | KUVN-DT | GARLAND TX       | 43.5     | PLN    | DTVPLN      | -DTVP0586 |
| 29   | KMPX    | DECATUR TX       | 31.6     | PLN    | DTVPLN      | -NPLN1367 |
| 35   | KDFW-DT | DALLAS TX        | 0.9      | PLN    | DTVPLN      | -DTVP0994 |
| 36   | KDFI-DT | DALLAS TX        | 0.0      | PLN    | DTVPLN      | -DTVP1035 |

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 21N TX FORT WORTH | DTVPLN     | NPLN1127     | PLN |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 4061980    | 28100.8      |     |
| not affected by terrain losses | 4058767    | 27771.1      |     |
| lost to NTSC IX                | 2929       | 43.9         |     |
| lost to additional IX by ATV   | 3052       | 312.2        |     |
| lost to all IX                 | 5981       | 356.1        |     |

## Analysis of current record

| Channel | Call | City/State    | Application | Ref. No.     |
|---------|------|---------------|-------------|--------------|
| 18      | KTXA | FORT WORTH TX | BLCDDT      | -20001130ACY |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 18   | KFSM-DT  | FORT SMITH AR    | 407.6    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KLRU     | AUSTIN TX        | 259.3    | APP    | BPET          | -20020429ABA |
| 18   | KLRU     | AUSTIN TX        | 259.5    | LIC    | BLET          | -19790424KG  |
| 18   | KYTX     | NACOGDOCHES TX   | 189.9    | CP     | BPCDDT        | -19991029ACW |
| 18   | KLSB-DT  | NACOGDOCHES TX   | 242.3    | PLN    | DTVPLN        | -DTVP0330    |
| 18   | KJTL     | WICHITA FALLS TX | 246.9    | LIC    | BLCT          | -19850523LJ  |
| 19   | KTVT     | FORT WORTH TX    | 4.0      | LIC    | BLCDDT        | -20050628ABA |
| 19   | KTVT-DT  | FORT WORTH TX    | 4.0      | PLN    | DTVPLN        | -DTVP0372    |
| 19   | KYTX     | NACOGDOCHES TX   | 189.9    | LIC    | BLCT          | -20040702AEV |
| 18   | WETUM18D |                  | 297.9    | APP    | USERRECORD-01 |              |

Proposal causes no interference

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

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## Analysis of Interference to Affected Station 19

### DTV Baseline Analysis

| Channel | Call    | City/State     | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 18      | KLSB-DT | NACOGDOCHES TX | DTVPLN -DTVP0330     |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State      | Dist(km) | Status | Application Ref. No. |
|------|---------|-----------------|----------|--------|----------------------|
| 17   | KSLA-DT | SHREVEPORT LA   | 161.2    | PLN    | DTVPLN -DTVP0263     |
| 18   | KLTLTV  | LAKE CHARLES LA | 202.0    | PLN    | DTVPLN -NPLN1020     |
| 18   | WMAU-DT | BUDE MS         | 380.8    | PLN    | DTVPLN -DTVP0313     |
| 18   | KLRU    | AUSTIN TX       | 314.0    | PLN    | DTVPLN -NPLN1030     |
| 18   | KTXA-DT | FORT WORTH TX   | 245.8    | PLN    | DTVPLN -DTVP0329     |
| 19   | KTXH-DT | HOUSTON TX      | 215.7    | PLN    | DTVPLN -DTVP0373     |
| 19   | KLSBTv  | NACOGDOCHES TX  | 0.0      | PLN    | DTVPLN -NPLN1059     |

Results for: 18A TX NACOGDOCHES DTVPLN DTVP0330 PLN  
 HAAT 222.0 m, ATV ERP 50.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 140458     | 8501.3       |
| not affected by terrain losses | 140458     | 8501.3       |
| 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          |

### NTSC Baseline Analysis

| Channel | Call   | City/State     | Application Ref. No. |
|---------|--------|----------------|----------------------|
| 19      | KLSBTv | NACOGDOCHES TX | DTVPLN -NPLN1059     |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State      | Dist(km) | Status | Application Ref. No. |
|------|---------|-----------------|----------|--------|----------------------|
| 18   | KLTLTV  | LAKE CHARLES LA | 202.0    | PLN    | DTVPLN -NPLN1020     |
| 18   | KLSB-DT | NACOGDOCHES TX  | 0.0      | PLN    | DTVPLN -DTVP0330     |
| 19   | KLTM-DT | MONROE LA       | 269.2    | PLN    | DTVPLN -DTVP0355     |
| 19   | KTVT-DT | FORT WORTH TX   | 243.9    | PLN    | DTVPLN -DTVP0372     |
| 19   | KTXH-DT | HOUSTON TX      | 215.7    | PLN    | DTVPLN -DTVP0373     |
| 19   | KVCT    | VICTORIA TX     | 360.6    | PLN    | DTVPLN -NPLN1060     |
| 20   | KLTL-DT | LAKE CHARLES LA | 202.0    | PLN    | DTVPLN -DTVP0398     |
| 22   | KETK-DT | JACKSONVILLE TX | 89.3     | PLN    | DTVPLN -DTVP0506     |
| 33   | KMSSTV  | SHREVEPORT LA   | 160.3    | PLN    | DTVPLN -NPLN1450     |
| 34   | KITU    | BEAUMONT TX     | 159.3    | PLN    | DTVPLN -NPLN1483     |
| 34   | KCTF    | WACO TX         | 228.1    | PLN    | DTVPLN -NPLN1485     |

Results for: 19N TX NACOGDOCHES DTVPLN NPLN1059 PLN

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 140458     | 8501.3       |
| not affected by terrain losses | 140283     | 8459.8       |
| lost to NTSC IX                | 0          | 0.0          |
| lost to additional IX by ATV   | 3689       | 487.8        |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

lost to all IX 3689 487.8

## Analysis of current record

| Channel | Call | City/State     | Application | Ref. No.     |
|---------|------|----------------|-------------|--------------|
| 18      | KYTX | NACOGDOCHES TX | BPCDT       | -19991029ACW |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 17   | KSLA-DT  | SHREVEPORT LA    | 137.9    | PLN    | DTVPLN        | -DTVP0263    |
| 18   | KFSM-DT  | FORT SMITH AR    | 406.4    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KLTL-TV  | LAKE CHARLES LA  | 259.3    | LIC    | BLET          | -19810508KF  |
| 18   | WMAU-DT  | BUDE MS          | 414.3    | PLN    | DTVPLN        | -DTVP0313    |
| 18   | WMAU-TV  | BUDE MS          | 414.3    | CP     | BPEDT         | -20000501AHS |
| 18   | KLRU     | AUSTIN TX        | 312.5    | APP    | BPET          | -20020429ABA |
| 18   | KLRU     | AUSTIN TX        | 312.8    | LIC    | BLET          | -19790424KG  |
| 18   | KTXA     | FORT WORTH TX    | 189.9    | LIC    | BLCDT         | -20001130ACY |
| 18   | KTXA-DT  | FORT WORTH TX    | 192.8    | PLN    | DTVPLN        | -DTVP0329    |
| 18   | KJTL     | WICHITA FALLS TX | 424.7    | LIC    | BLCT          | -19850523LJ  |
| 19   | KTVT     | FORT WORTH TX    | 190.9    | LIC    | BLCDT         | -20050628ABA |
| 19   | KTVT-DT  | FORT WORTH TX    | 190.9    | PLN    | DTVPLN        | -DTVP0372    |
| 19   | KYTX     | NACOGDOCHES TX   | 0.0      | LIC    | BLCT          | -20040702AEV |
| 18   | WETUM18D |                  | 373.2    | APP    | USERRECORD-01 |              |

Proposal causes no interference

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## Analysis of Interference to Affected Station 20

## NTSC Baseline Analysis

| Channel | Call | City/State       | Application | Ref. No.  |
|---------|------|------------------|-------------|-----------|
| 18      | KJTL | WICHITA FALLS TX | DTVPLN      | -NPLN1033 |

## Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application | Ref. No.  |
|------|---------|------------------|----------|--------|-------------|-----------|
| 15   | KJTL-DT | WICHITA FALLS TX | 0.0      | PLN    | DTVPLN      | -DTVP0199 |
| 18   | KAFU-DT | ENID OK          | 263.8    | PLN    | DTVPLN      | -DTVP0319 |
| 18   | KTXA-DT | FORT WORTH TX    | 242.4    | PLN    | DTVPLN      | -DTVP0329 |
| 18   | NEW     | MIDLAND TX       | 400.0    | PLN    | DTVPLN      | -NPLN1032 |
| 22   | KAUZ-DT | WICHITA FALLS TX | 37.7     | PLN    | DTVPLN      | -DTVP0508 |
| 25   | KOKHTV  | OKLAHOMA CITY OK | 187.7    | PLN    | DTVPLN      | -NPLN1256 |

| Results for: 18N TX WICHITA FALLS | DTVPLN     | NPLN1033     | PLN |
|-----------------------------------|------------|--------------|-----|
|                                   | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour      | 320740     | 18164.5      |     |
| not affected by terrain losses    | 320046     | 17891.0      |     |
| lost to NTSC IX                   | 0          | 0.0          |     |
| lost to additional IX by ATV      | 6366       | 394.5        |     |
| lost to all IX                    | 6366       | 394.5        |     |

## Analysis of current record

| Channel | Call | City/State       | Application | Ref. No.    |
|---------|------|------------------|-------------|-------------|
| 18      | KJTL | WICHITA FALLS TX | BLCT        | -19850523LJ |



# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 15   | KJTL-DT  | WICHITA FALLS TX | 0.0      | PLN    | DTVPLN        | -DTVP0199    |
| 15   | KJTL     | WICHITA FALLS TX | 0.0      | CP     | BPCDT         | -19991102ABG |
| 18   | KAFU-DT  | ENID OK          | 263.8    | PLN    | DTVPLN        | -DTVP0319    |
| 18   | KTXA     | FORT WORTH TX    | 246.9    | LIC    | BLCDT         | -20001130ACY |
| 18   | KTXA-DT  | FORT WORTH TX    | 242.4    | PLN    | DTVPLN        | -DTVP0329    |
| 22   | KAUZ-DT  | WICHITA FALLS TX | 37.7     | PLN    | DTVPLN        | -DTVP0508    |
| 25   | KOKH-TV  | OKLAHOMA CITY OK | 187.7    | LIC    | BLCT          | -20050621AAN |
| 18   | WETUM18D |                  | 256.5    | APP    | USERRECORD-01 |              |

Proposal causes no interference

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## Analysis of Interference to Affected Station 21

### NTSC Baseline Analysis

| Channel | Call | City/State  | Application | Ref. No.  |
|---------|------|-------------|-------------|-----------|
| 19      | NEW  | MUSKOGEE OK | DTVPLN      | -NPLN1055 |

## Stations Potentially Affecting This Station

| Chan | Call    | City/State        | Dist(km) | Status | Application | Ref. No.  |
|------|---------|-------------------|----------|--------|-------------|-----------|
| 15   | KDOR-DT | BARTLESVILLE OK   | 83.5     | PLN    | DTVPLN      | -DTVP0185 |
| 17   | KDOR    | BARTLESVILLE OK   | 83.5     | PLN    | DTVPLN      | -NPLN1000 |
| 18   | KFSM-DT | FORT SMITH AR     | 135.8    | PLN    | DTVPLN      | -DTVP0292 |
| 18   | KAFU-DT | ENID OK           | 201.6    | PLN    | DTVPLN      | -DTVP0319 |
| 19   | KWCH-DT | HUTCHINSON KS     | 307.4    | PLN    | DTVPLN      | -DTVP0353 |
| 19   | KCPT    | KANSAS CITY MO    | 387.3    | PLN    | DTVPLN      | -NPLN1048 |
| 19   | KSPR-DT | SPRINGFIELD MO    | 303.9    | PLN    | DTVPLN      | -DTVP0359 |
| 19   | KTVT-DT | FORT WORTH TX     | 369.1    | PLN    | DTVPLN      | -DTVP0372 |
| 20   | KAFU    | ENID OK           | 201.6    | PLN    | DTVPLN      | -NPLN1088 |
| 21   | KHBS-DT | FORT SMITH AR     | 129.8    | PLN    | DTVPLN      | -DTVP0427 |
| 22   | KOKI-DT | TULSA OK          | 31.9     | PLN    | DTVPLN      | -DTVP0500 |
| 23   | KOKITV  | TULSA OK          | 31.9     | PLN    | DTVPLN      | -NPLN1187 |
| 26   | KOZJ    | JOPLIN MO         | 186.0    | PLN    | DTVPLN      | -NPLN1280 |
| 26   | NEW     | ENID OK           | 205.6    | PLN    | DTVPLN      | -NPLN1288 |
| 34   | NEW     | EUREKA SPRINGS AR | 194.9    | PLN    | DTVPLN      | -NPLN1467 |
| 34   | KOCB    | OKLAHOMA CITY OK  | 151.2    | PLN    | DTVPLN      | -NPLN1480 |

| Results for: 19N OK MUSKOGEE   | DTVPLN     | NPLN1055     | PLN |
|--------------------------------|------------|--------------|-----|
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 892408     | 20797.7      |     |
| not affected by terrain losses | 888211     | 20464.0      |     |
| lost to NTSC IX                | 22734      | 515.8        |     |
| lost to additional IX by ATV   | 3860       | 418.8        |     |
| lost to all IX                 | 26594      | 934.6        |     |

### Analysis of current record

| Channel | Call | City/State  | Application | Ref. No.     |
|---------|------|-------------|-------------|--------------|
| 19      | KWBT | MUSKOGEE OK | BLCT        | -19990922AAE |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

| Chan | Call     | City/State        | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|-------------------|----------|--------|---------------|--------------|
| 15   | KDOR-DT  | BARTLESVILLE OK   | 85.0     | PLN    | DTVPLN        | -DTVP0185    |
| 15   | KDOR-TV  | BARTLESVILLE OK   | 85.0     | CP     | BPCDT         | -19991013ABN |
| 17   | KDOR-TV  | BARTLESVILLE OK   | 85.0     | LIC    | BLCT          | -19870120LH  |
| 18   | KFSM-DT  | FORT SMITH AR     | 133.1    | PLN    | DTVPLN        | -DTVP0292    |
| 18   | KFSM-TV  | FORT SMITH AR     | 148.8    | CP MOD | BMPCT         | -20041104AMO |
| 18   | KAFU-DT  | ENID OK           | 204.5    | PLN    | DTVPLN        | -DTVP0319    |
| 19   | KWCH-TV  | HUTCHINSON KS     | 310.1    | LIC    | BLCDDT        | -20050621AAR |
| 19   | KWCH-DT  | HUTCHINSON KS     | 310.1    | PLN    | DTVPLN        | -DTVP0353    |
| 19   | KCPT     | KANSAS CITY MO    | 388.2    | LIC    | BMLET         | -20041104ATG |
| 19   | KSPR     | SPRINGFIELD MO    | 302.8    | CP     | BPCDT         | -19991029ADI |
| 19   | KSPR-DT  | SPRINGFIELD MO    | 302.8    | PLN    | DTVPLN        | -DTVP0359    |
| 19   | KTVT     | FORT WORTH TX     | 368.2    | LIC    | BLCDDT        | -20050628ABA |
| 19   | KTVT-DT  | FORT WORTH TX     | 368.2    | PLN    | DTVPLN        | -DTVP0372    |
| 20   | KWBT     | MUSKOGEE OK       | 0.0      | APP    | BSRCCT        | -20060403BKW |
| 20   | KWBT-TV  | MUSKOGEE OK       | 0.0      | APP    | BPRM          | -19990917ABE |
| 21   | KHBS     | FORT SMITH AR     | 127.0    | LIC    | BLCDDT        | -20031121AMR |
| 21   | KHBS-DT  | FORT SMITH AR     | 126.9    | PLN    | DTVPLN        | -DTVP0427    |
| 22   | KOKI-TV  | TULSA OK          | 32.5     | LIC    | BLCDDT        | -20021127AGL |
| 22   | KOKI-DT  | TULSA OK          | 32.5     | PLN    | DTVPLN        | -DTVP0500    |
| 23   | KOKI-TV  | TULSA OK          | 32.5     | LIC    | BLCT          | -20030416AAI |
| 26   | KOZJ     | JOPLIN MO         | 185.8    | CP     | BPET          | -20051123ABL |
| 26   | 970331SF | ENID OK           | 172.2    | APP    | BPET          | -19970331SF  |
| 26   | 960930KG | TULSA OK          | 47.3     | APP    | BPET          | -19960930KG  |
| 26   | 960621KE | TULSA OK          | 35.0     | APP    | BPET          | -19960621KE  |
| 26   | NEW      | TULSA OK          | 36.9     | APP    | BPRM          | -20000717AEZ |
| 34   | KWFT     | EUREKA SPRINGS AR | 181.6    | CP MOD | BMPCT         | -20040902ABL |
| 34   | KOCB     | OKLAHOMA CITY OK  | 153.8    | CP     | BPCT          | -20020722AAF |
| 18   | WETUM18D |                   | 75.5     | APP    | USERRECORD-01 |              |

Total scenarios = 48

Result key: 10  
Scenario 1 Affected station 21  
Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 16165      | 678.4        |     |
| lost to all IX                 | 55912      | 1445.9       |     |

Potential Interfering Stations Included in above Scenario 1

|        |               |        |             |     |
|--------|---------------|--------|-------------|-----|
| 17N OK | BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK | TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK | OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK | BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR | FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS | HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO | SPRINGFIELD   | BPCDT  | 19991029ADI | CP  |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                   |       |             |     |
|-------------------|-------|-------------|-----|
| 19A TX FORT WORTH | BLCDT | 20050628ABA | LIC |
| 22A OK TULSA      | BLCDT | 20021127AGL | LIC |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 19189      | 1187.4       |     |
| lost to all IX                 | 58936      | 1954.9       |     |

Potential Interfering Stations Included in above Scenario 1

|   |              |             |             |
|---|--------------|-------------|-------------|
| 17N OK BARTLESVILLE                             | BLCT         | 19870120LH  | LIC         |
| 23N OK TULSA                                    | BLCT         | 20030416AAI | LIC         |
| 34N OK OKLAHOMA CITY                            | BPCT         | 20020722AAF | CP          |
| 15A OK BARTLESVILLE                             | BPCDT        | 19991013ABN | CP          |
| 18A AR FORT SMITH                               | DTVPLN       | DTVP0292    | PLN         |
| 19A KS HUTCHINSON                               | BLCDT        | 20050621AAR | LIC         |
| 19A MO SPRINGFIELD                              | BPCDT        | 19991029ADI | CP          |
| 19A TX FORT WORTH                               | BLCDT        | 20050628ABA | LIC         |
| 22A OK TULSA                                    | BLCDT        | 20021127AGL | LIC         |
| 18A   | USERRECORD01 | APP         |             |
| *Percent new DTV interference without proposal: | 6.3          | BLCT        | 19990922AAE |
| *Percent new DTV interference with proposal:    | 6.6          | BLCT        | 19990922AAE |

Result key: 11  
Scenario 2 Affected station 21  
Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 16165      | 678.4        |     |
| lost to all IX                 | 55912      | 1445.9       |     |

Potential Interfering Stations Included in above Scenario 2

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDT  | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | BPCDT  | 19991029ADI | CP  |
| 19A TX FORT WORTH    | BLCDT  | 20050628ABA | LIC |
| 22A OK TULSA         | DTVPLN | DTVP0500    | PLN |

After Analysis

|                              |      |             |     |
|------------------------------|------|-------------|-----|
| Results for: 19N OK MUSKOGEE | BLCT | 19990922AAE | LIC |
|------------------------------|------|-------------|-----|

FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|   | POPULATION   | AREA (sq km) |                  |
|---|--------------|--------------|------------------|
| within Noise Limited Contour                              | 894560       | 20655.3      |                  |
| not affected by terrain losses                            | 887698       | 20192.9      |                  |
| lost to NTSC IX   | 39747        | 767.5        |                  |
| lost to additional IX by ATV                              | 19189        | 1187.4       |                  |
| lost to all IX  | 58936        | 1954.9       |                  |
| Potential Interfering Stations Included in above Scenario |              |              | 2                |
| 17N OK BARTLESVILLE                                       | BLCT         | 19870120LH   | LIC              |
| 23N OK TULSA  | BLCT         | 20030416AAI  | LIC              |
| 34N OK OKLAHOMA CITY                                      | BPCT         | 20020722AAF  | CP               |
| 15A OK BARTLESVILLE                                       | BPCDT        | 19991013ABN  | CP               |
| 18A AR FORT SMITH   | DTVPLN       | DTVP0292     | PLN              |
| 19A KS HUTCHINSON   | BLCDDT       | 20050621AAR  | LIC              |
| 19A MO SPRINGFIELD  | BPCDT        | 19991029ADI  | CP               |
| 19A TX FORT WORTH   | BLCDDT       | 20050628ABA  | LIC              |
| 22A OK TULSA  | DTVPLN       | DTVP0500     | PLN              |
| 18A   | USERRECORD01 |              | APP              |
| *Percent new DTV interference without proposal:           |              | 6.3          | BLCT 19990922AAE |
| *Percent new DTV interference with proposal:              |              | 6.6          | BLCT 19990922AAE |

Result key: 12  
Scenario 3 Affected station 21  
Before Analysis

| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|--------------------------------|------------|--------------|-----|
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 16141      | 671.4        |     |
| lost to all IX                 | 55888      | 1439.0       |     |

Potential Interfering Stations Included in above Scenario 3

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | BPCDT  | 19991029ADI | CP  |
| 19A TX FORT WORTH    | DTVPLN | DTVP0372    | PLN |
| 22A OK TULSA         | BLCDDT | 20021127AGL | LIC |

After Analysis

| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|--------------------------------|------------|--------------|-----|
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 19165      | 1183.4       |     |
| lost to all IX                 | 58912      | 1951.0       |     |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 3

|   |              |             |                      |
|---|--------------|-------------|----------------------|
| 17N OK BARTLESVILLE                             | BLCT         | 19870120LH  | LIC                  |
| 23N OK TULSA                                    | BLCT         | 20030416AAI | LIC                  |
| 34N OK OKLAHOMA CITY                            | BPCT         | 20020722AAF | CP                   |
| 15A OK BARTLESVILLE                             | BPCDT        | 19991013ABN | CP                   |
| 18A AR FORT SMITH                               | DTVPLN       | DTVP0292    | PLN                  |
| 19A KS HUTCHINSON                               | BLCDT        | 20050621AAR | LIC                  |
| 19A MO SPRINGFIELD                              | BPCDT        | 19991029ADI | CP                   |
| 19A TX FORT WORTH                               | DTVPLN       | DTVP0372    | PLN                  |
| 22A OK TULSA                                    | BLCDT        | 20021127AGL | LIC                  |
| 18A   | USERRECORD01 |             | APP                  |
| *Percent new DTV interference without proposal: |              |             | 6.2 BLCT 19990922AAE |
| *Percent new DTV interference with proposal:    |              |             | 6.6 BLCT 19990922AAE |

Result key: 13  
 Scenario 4 Affected station 21  
 Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 16141      | 671.4        |     |
| lost to all IX                 | 55888      | 1439.0       |     |

Potential Interfering Stations Included in above Scenario 4

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDT  | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | BPCDT  | 19991029ADI | CP  |
| 19A TX FORT WORTH    | DTVPLN | DTVP0372    | PLN |
| 22A OK TULSA         | DTVPLN | DTVP0500    | PLN |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 19165      | 1183.4       |     |
| lost to all IX                 | 58912      | 1951.0       |     |

Potential Interfering Stations Included in above Scenario 4

|                      |      |             |     |
|----------------------|------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT | 20020722AAF | CP  |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|   |              |             |                      |
|---|--------------|-------------|----------------------|
| 15A OK BARTLESVILLE                             | BPCDT        | 19991013ABN | CP                   |
| 18A AR FORT SMITH                               | DTVPLN       | DTVP0292    | PLN                  |
| 19A KS HUTCHINSON                               | BLCDDT       | 20050621AAR | LIC                  |
| 19A MO SPRINGFIELD                              | BPCDT        | 19991029ADI | CP                   |
| 19A TX FORT WORTH                               | DTVPLN       | DTVP0372    | PLN                  |
| 22A OK TULSA                                    | DTVPLN       | DTVP0500    | PLN                  |
| 18A   | USERRECORD01 |             | APP                  |
| *Percent new DTV interference without proposal: |              |             | 6.2 BLCT 19990922AAE |
| *Percent new DTV interference with proposal:    |              |             | 6.6 BLCT 19990922AAE |

Result key: 14  
 Scenario 5 Affected station 21  
 Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 5341       | 410.0        |     |
| lost to all IX                 | 45088      | 1177.5       |     |

Potential Interfering Stations Included in above Scenario 5

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN | DTVP0359    | PLN |
| 19A TX FORT WORTH    | BLCDDT | 20050628ABA | LIC |
| 22A OK TULSA         | BLCDDT | 20021127AGL | LIC |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 8365       | 919.0        |     |
| lost to all IX                 | 48112      | 1686.5       |     |

Potential Interfering Stations Included in above Scenario 5

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN | DTVP0359    | PLN |
| 19A TX FORT WORTH    | BLCDDT | 20050628ABA | LIC |
| 22A OK TULSA         | BLCDDT | 20021127AGL | LIC |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|   |              |     |                  |
|---|--------------|-----|------------------|
| 18A   | USERRECORD01 | APP |                  |
| *Percent new DTV interference without proposal: |              | 5.0 | BLCT 19990922AAE |
| *Percent new DTV interference with proposal:    |              | 5.4 | BLCT 19990922AAE |

Result key: 15  
Scenario 6 Affected station 21  
Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 5341       | 410.0        |     |
| lost to all IX                 | 45088      | 1177.5       |     |

Potential Interfering Stations Included in above Scenario 6

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN | DTVP0359    | PLN |
| 19A TX FORT WORTH    | BLCDDT | 20050628ABA | LIC |
| 22A OK TULSA         | DTVPLN | DTVP0500    | PLN |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 8365       | 919.0        |     |
| lost to all IX                 | 48112      | 1686.5       |     |

Potential Interfering Stations Included in above Scenario 6

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN | DTVP0359    | PLN |
| 19A TX FORT WORTH    | BLCDDT | 20050628ABA | LIC |
| 22A OK TULSA         | DTVPLN | DTVP0500    | PLN |

|   |              |     |                  |
|---|--------------|-----|------------------|
| 18A   | USERRECORD01 | APP |                  |
| *Percent new DTV interference without proposal: |              | 5.0 | BLCT 19990922AAE |
| *Percent new DTV interference with proposal:    |              | 5.4 | BLCT 19990922AAE |

Result key: 16

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

Scenario 7 Affected station 21  
Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 5317       | 403.1        |     |
| lost to all IX                 | 45064      | 1170.6       |     |

Potential Interfering Stations Included in above Scenario 7

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN | DTVP0359    | PLN |
| 19A TX FORT WORTH    | DTVPLN | DTVP0372    | PLN |
| 22A OK TULSA         | BLCDDT | 20021127AGL | LIC |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 8341       | 915.1        |     |
| lost to all IX                 | 48088      | 1682.6       |     |

Potential Interfering Stations Included in above Scenario 7

|   |              |             |                  |
|---|--------------|-------------|------------------|
| 17N OK BARTLESVILLE                             | BLCT         | 19870120LH  | LIC              |
| 23N OK TULSA                                    | BLCT         | 20030416AAI | LIC              |
| 34N OK OKLAHOMA CITY                            | BPCT         | 20020722AAF | CP               |
| 15A OK BARTLESVILLE                             | BPCDT        | 19991013ABN | CP               |
| 18A AR FORT SMITH                               | DTVPLN       | DTVP0292    | PLN              |
| 19A KS HUTCHINSON                               | BLCDDT       | 20050621AAR | LIC              |
| 19A MO SPRINGFIELD                              | DTVPLN       | DTVP0359    | PLN              |
| 19A TX FORT WORTH                               | DTVPLN       | DTVP0372    | PLN              |
| 22A OK TULSA                                    | BLCDDT       | 20021127AGL | LIC              |
| 18A   | USERRECORD01 |             | APP              |
| *Percent new DTV interference without proposal: |              | 5.0         | BLCT 19990922AAE |
| *Percent new DTV interference with proposal:    |              | 5.4         | BLCT 19990922AAE |

Result key: 17  
Scenario 8 Affected station 21  
Before Analysis

|                              |            |              |     |
|------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE | BLCT       | 19990922AAE  | LIC |
|                              | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour | 894560     | 20655.3      |     |



# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                                |        |         |
|--------------------------------|--------|---------|
| not affected by terrain losses | 887698 | 20192.9 |
| lost to NTSC IX                | 39747  | 767.5   |
| lost to additional IX by ATV   | 5317   | 403.1   |
| lost to all IX                 | 45064  | 1170.6  |

Potential Interfering Stations Included in above Scenario 8

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN | DTVP0359    | PLN |
| 19A TX FORT WORTH    | DTVPLN | DTVP0372    | PLN |
| 22A OK TULSA         | DTVPLN | DTVP0500    | PLN |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 8341       | 915.1        |     |
| lost to all IX                 | 48088      | 1682.6       |     |

Potential Interfering Stations Included in above Scenario 8

|                      |              |             |     |
|----------------------|--------------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT         | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT         | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT         | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT        | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN       | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | BLCDDT       | 20050621AAR | LIC |
| 19A MO SPRINGFIELD   | DTVPLN       | DTVP0359    | PLN |
| 19A TX FORT WORTH    | DTVPLN       | DTVP0372    | PLN |
| 22A OK TULSA         | DTVPLN       | DTVP0500    | PLN |
| 18A                  | USERRECORD01 |             | APP |

|   |     |      |             |
|---|-----|------|-------------|
| *Percent new DTV interference without proposal: | 5.0 | BLCT | 19990922AAE |
| *Percent new DTV interference with proposal:    | 5.4 | BLCT | 19990922AAE |

Result key: 18  
 Scenario 9 Affected station 21  
 Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 14695      | 587.3        |     |
| lost to all IX                 | 54442      | 1354.8       |     |

Potential Interfering Stations Included in above Scenario 9

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |
| 19A KS HUTCHINSON    | DTVPLN | DTVP0353    | PLN |
| 19A MO SPRINGFIELD   | BPCDT  | 19991029ADI | CP  |
| 19A TX FORT WORTH    | BLCDT  | 20050628ABA | LIC |
| 22A OK TULSA         | BLCDT  | 20021127AGL | LIC |

## After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 17719      | 1096.3       |     |
| lost to all IX                 | 57466      | 1863.8       |     |

Potential Interfering Stations Included in above Scenario 9

|   |              |             |             |
|---|--------------|-------------|-------------|
| 17N OK BARTLESVILLE                             | BLCT         | 19870120LH  | LIC         |
| 23N OK TULSA                                    | BLCT         | 20030416AAI | LIC         |
| 34N OK OKLAHOMA CITY                            | BPCT         | 20020722AAF | CP          |
| 15A OK BARTLESVILLE                             | BPCDT        | 19991013ABN | CP          |
| 18A AR FORT SMITH                               | DTVPLN       | DTVP0292    | PLN         |
| 19A KS HUTCHINSON                               | DTVPLN       | DTVP0353    | PLN         |
| 19A MO SPRINGFIELD                              | BPCDT        | 19991029ADI | CP          |
| 19A TX FORT WORTH                               | BLCDT        | 20050628ABA | LIC         |
| 22A OK TULSA                                    | BLCDT        | 20021127AGL | LIC         |
| 18A   | USERRECORD01 | APP         |             |
| *Percent new DTV interference without proposal: | 6.1          | BLCT        | 19990922AAE |
| *Percent new DTV interference with proposal:    | 6.4          | BLCT        | 19990922AAE |

Result key: 19  
 Scenario 10 Affected station 21  
 Before Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 14695      | 587.3        |     |
| lost to all IX                 | 54442      | 1354.8       |     |

Potential Interfering Stations Included in above Scenario 10

|                      |        |             |     |
|----------------------|--------|-------------|-----|
| 17N OK BARTLESVILLE  | BLCT   | 19870120LH  | LIC |
| 23N OK TULSA         | BLCT   | 20030416AAI | LIC |
| 34N OK OKLAHOMA CITY | BPCT   | 20020722AAF | CP  |
| 15A OK BARTLESVILLE  | BPCDT  | 19991013ABN | CP  |
| 18A AR FORT SMITH    | DTVPLN | DTVP0292    | PLN |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|                    |        |             |     |
|--------------------|--------|-------------|-----|
| 19A KS HUTCHINSON  | DTVPLN | DTVP0353    | PLN |
| 19A MO SPRINGFIELD | BPCDT  | 19991029ADI | CP  |
| 19A TX FORT WORTH  | BLCDT  | 20050628ABA | LIC |
| 22A OK TULSA       | DTVPLN | DTVP0500    | PLN |

## After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 19N OK MUSKOGEE   | BLCT       | 19990922AAE  | LIC |
|                                | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour   | 894560     | 20655.3      |     |
| not affected by terrain losses | 887698     | 20192.9      |     |
| lost to NTSC IX                | 39747      | 767.5        |     |
| lost to additional IX by ATV   | 17719      | 1096.3       |     |
| lost to all IX                 | 57466      | 1863.8       |     |

Potential Interfering Stations Included in above Scenario 10

|   |              |             |             |
|---|--------------|-------------|-------------|
| 17N OK BARTLESVILLE                             | BLCT         | 19870120LH  | LIC         |
| 23N OK TULSA                                    | BLCT         | 20030416AAI | LIC         |
| 34N OK OKLAHOMA CITY                            | BPCT         | 20020722AAF | CP          |
| 15A OK BARTLESVILLE                             | BPCDT        | 19991013ABN | CP          |
| 18A AR FORT SMITH                               | DTVPLN       | DTVP0292    | PLN         |
| 19A KS HUTCHINSON                               | DTVPLN       | DTVP0353    | PLN         |
| 19A MO SPRINGFIELD                              | BPCDT        | 19991029ADI | CP          |
| 19A TX FORT WORTH                               | BLCDT        | 20050628ABA | LIC         |
| 22A OK TULSA                                    | DTVPLN       | DTVP0500    | PLN         |
| 18A   | USERRECORD01 |             | APP         |
| *Percent new DTV interference without proposal: | 6.1          | BLCT        | 19990922AAE |
| *Percent new DTV interference with proposal:    | 6.4          | BLCT        | 19990922AAE |

{Scenarios 11 through 48 have been removed; however, they show similar results for affected station 21. In no case is more than 0.4% of increased interference shown to Affected station 21 by the proposal.}

#####

## Analysis of Interference to Affected Station 22

### Analysis of current record

| Channel | Call    | City/State       | Application Ref. No. |
|---------|---------|------------------|----------------------|
| 19      | KUOT-CA | OKLAHOMA CITY OK | BPTTA -20060111ACN   |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 15   | KTBO-TV | OKLAHOMA CITY OK | 23.1     | LIC    | BLCDT -20050415AAC   |
| 15   | KTBO-DT | OKLAHOMA CITY OK | 22.9     | PLN    | DTVPLN -DTVP0186     |
| 16   | KOCO-DT | OKLAHOMA CITY OK | 21.6     | PLN    | DTVPLN -DTVP0237     |
| 18   | KAFU-DT | ENID OK          | 129.2    | PLN    | DTVPLN -DTVP0319     |
| 19   | KWCH-TV | HUTCHINSON KS    | 300.3    | LIC    | BLCDT -20050621AAR   |
| 19   | KWCH-DT | HUTCHINSON KS    | 300.4    | PLN    | DTVPLN -DTVP0353     |
| 19   | KWBT    | MUSKOGEE OK      | 155.8    | LIC    | BLCT -19990922AAE    |
| 19   | KOKG-LP | STILLWATER OK    | 93.8     | LIC    | BLTTL -19930706JK    |
| 19   | KTVT    | FORT WORTH TX    | 313.7    | LIC    | BLCDT -20050628ABA   |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |                  |       |        |               |              |
|----|----------|------------------|-------|--------|---------------|--------------|
| 19 | KTVT-DT  | FORT WORTH TX    | 313.7 | PLN    | DTVPLN        | -DTVP0372    |
| 21 | NEW      | ENID OK          | 71.1  | ADD    | BPRM          | -20000717ACK |
| 26 | KTEN     | ADA OK           | 139.2 | CP     | BPCDT         | -19991007AAW |
| 26 | KTEN-DT  | ADA OK           | 139.2 | PLN    | DTVPLN        | -DTVP0649    |
| 27 | KFOR-TV  | OKLAHOMA CITY OK | 25.5  | LIC    | BLCDDT        | -20050701ABR |
| 27 | KFOR-DT  | OKLAHOMA CITY OK | 22.3  | PLN    | DTVPLN        | -DTVP0684    |
| 33 | KOCB     | OKLAHOMA CITY OK | 20.2  | CP MOD | BMPCDT        | -20020813ABE |
| 33 | KOCB-DT  | OKLAHOMA CITY OK | 21.3  | PLN    | DTVPLN        | -DTVP0913    |
| 34 | KOCB     | OKLAHOMA CITY OK | 20.2  | CP     | BPCT          | -20020722AAF |
| 18 | WETUM18D |                  | 120.3 | 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.     |
|---------|---------|------------------|-------------|--------------|
| 19      | KUOT-CA | OKLAHOMA CITY OK | BLTTA       | -20040811ADD |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 15   | KTBO-TV  | OKLAHOMA CITY OK | 23.1     | LIC    | BLCDDT        | -20050415AAC |
| 15   | KTBO-DT  | OKLAHOMA CITY OK | 22.9     | PLN    | DTVPLN        | -DTVP0186    |
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 21.6     | PLN    | DTVPLN        | -DTVP0237    |
| 18   | KAFU-DT  | ENID OK          | 129.2    | PLN    | DTVPLN        | -DTVP0319    |
| 19   | KWCH-TV  | HUTCHINSON KS    | 300.3    | LIC    | BLCDDT        | -20050621AAR |
| 19   | KWCH-DT  | HUTCHINSON KS    | 300.4    | PLN    | DTVPLN        | -DTVP0353    |
| 19   | KWBT     | MUSKOGEE OK      | 155.8    | LIC    | BLCT          | -19990922AAE |
| 19   | KTVT     | FORT WORTH TX    | 313.7    | LIC    | BLCDDT        | -20050628ABA |
| 19   | KTVT-DT  | FORT WORTH TX    | 313.7    | PLN    | DTVPLN        | -DTVP0372    |
| 21   | NEW      | ENID OK          | 71.1     | ADD    | BPRM          | -20000717ACK |
| 26   | KTEN     | ADA OK           | 139.2    | CP     | BPCDT         | -19991007AAW |
| 26   | KTEN-DT  | ADA OK           | 139.2    | PLN    | DTVPLN        | -DTVP0649    |
| 27   | KFOR-TV  | OKLAHOMA CITY OK | 25.5     | LIC    | BLCDDT        | -20050701ABR |
| 27   | KFOR-DT  | OKLAHOMA CITY OK | 22.3     | PLN    | DTVPLN        | -DTVP0684    |
| 33   | KOCB     | OKLAHOMA CITY OK | 20.2     | CP MOD | BMPCDT        | -20020813ABE |
| 33   | KOCB-DT  | OKLAHOMA CITY OK | 21.3     | PLN    | DTVPLN        | -DTVP0913    |
| 34   | KOCB     | OKLAHOMA CITY OK | 20.2     | CP     | BPCT          | -20020722AAF |
| 18   | WETUM18D |                  | 120.3    | APP    | USERRECORD-01 |              |

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 24

### Analysis of current record

| Channel | Call    | City/State    | Application | Ref. No.    |
|---------|---------|---------------|-------------|-------------|
| 19      | KOKG-LP | STILLWATER OK | BLTTL       | -19930706JK |

### Stations Potentially Affecting This Station

FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 15   | KDOR-DT  | BARTLESVILLE OK  | 120.3    | PLN    | DTVPLN        | -DTVP0185    |
| 15   | KDOR-TV  | BARTLESVILLE OK  | 120.3    | CP     | BPCDT         | -19991013ABN |
| 15   | KTBO-TV  | OKLAHOMA CITY OK | 74.7     | LIC    | BLCDDT        | -20050415AAC |
| 15   | KTBO-DT  | OKLAHOMA CITY OK | 74.8     | PLN    | DTVPLN        | -DTVP0186    |
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 76.2     | PLN    | DTVPLN        | -DTVP0237    |
| 18   | KAFU-DT  | ENID OK          | 86.6     | PLN    | DTVPLN        | -DTVP0319    |
| 19   | KWCH-TV  | HUTCHINSON KS    | 223.5    | LIC    | BLCDDT        | -20050621AAR |
| 19   | KWCH-DT  | HUTCHINSON KS    | 223.6    | PLN    | DTVPLN        | -DTVP0353    |
| 19   | KSPR     | SPRINGFIELD MO   | 383.0    | CP     | BPCDT         | -19991029ADI |
| 19   | KSPR-DT  | SPRINGFIELD MO   | 383.0    | PLN    | DTVPLN        | -DTVP0359    |
| 19   | KWBT     | MUSKOGEE OK      | 118.1    | LIC    | BLCT          | -19990922AAE |
| 19   | KUOT-CA  | OKLAHOMA CITY OK | 93.8     | APP    | BPTTA         | -20060111ACN |
| 19   | KUOT-CA  | OKLAHOMA CITY OK | 93.8     | LIC    | BLTTA         | -20040811ADD |
| 20   | KWBT     | MUSKOGEE OK      | 118.1    | APP    | BSRCCT        | -20060403BKW |
| 20   | KWBT-TV  | MUSKOGEE OK      | 118.1    | APP    | BPRM          | -19990917ABE |
| 21   | NEW      | ENID OK          | 62.4     | ADD    | BPRM          | -20000717ACK |
| 22   | KOKI-TV  | TULSA OK         | 121.8    | LIC    | BLCDDT        | -20021127AGL |
| 22   | KOKI-DT  | TULSA OK         | 121.8    | PLN    | DTVPLN        | -DTVP0500    |
| 26   | 960621KE | TULSA OK         | 97.1     | APP    | BPET          | -19960621KE  |
| 26   | NEW      | TULSA OK         | 114.3    | APP    | BPRM          | -20000717AEZ |
| 27   | KFOR-TV  | OKLAHOMA CITY OK | 72.9     | LIC    | BLCDDT        | -20050701ABR |
| 27   | KFOR-DT  | OKLAHOMA CITY OK | 75.6     | PLN    | DTVPLN        | -DTVP0684    |
| 33   | KOCB     | OKLAHOMA CITY OK | 77.4     | CP MOD | BMPCDT        | -20020813ABE |
| 33   | KOCB-DT  | OKLAHOMA CITY OK | 76.2     | PLN    | DTVPLN        | -DTVP0913    |
| 34   | KOCB     | OKLAHOMA CITY OK | 77.4     | CP     | BPCT          | -20020722AAF |
| 18   | WETUM18D |                  | 135.4    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 25

#### Analysis of current record

| Channel | Call    | City/State | Application | Ref. No.    |
|---------|---------|------------|-------------|-------------|
| 20      | KOKT-LP | SULPHUR OK | BLTTL       | -19970414JA |

#### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application | Ref. No.     |
|------|----------|------------------|----------|--------|-------------|--------------|
| 16   | KOCO-DT  | OKLAHOMA CITY OK | 135.8    | PLN    | DTVPLN      | -DTVP0237    |
| 20   | 960520KE | HOT SPRINGS AR   | 371.7    | APP    | BPET        | -19960520KE  |
| 20   | K20HO    | LAWTON OK        | 107.5    | LIC    | BLTT        | -20050916AAW |
| 20   | KWBT     | MUSKOGEE OK      | 195.1    | APP    | BSRCCT      | -20060403BKW |
| 20   | KWBT-TV  | MUSKOGEE OK      | 195.1    | APP    | BPRM        | -19990917ABE |
| 20   | KSEX-LP  | DALLAS TX        | 154.9    | CP     | BDISTTL     | -20051021AGR |
| 20   | KXII-DT  | SHERMAN TX       | 49.0     | PLN    | DTVPLN      | -DTVP0419    |
| 20   | 960920YP | SHERMAN TX       | 92.1     | APP    | BPCT        | -19960920YP  |
| 20   | KTXS-DT  | SWEETWATER TX    | 351.6    | PLN    | DTVPLN      | -DTVP0420    |
| 20   | KWBU-TV  | WACO TX          | 340.0    | CP MOD | BMPEDT      | -20050412ACB |
| 20   | KCTF-DT  | WACO TX          | 318.7    | PLN    | DTVPLN      | -DTVP0421    |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |                  |       |        |               |              |
|----|----------|------------------|-------|--------|---------------|--------------|
| 22 | KAUZ-DT  | WICHITA FALLS TX | 139.5 | PLN    | DTVPLN        | -DTVP0508    |
| 24 | KOKH-DT  | OKLAHOMA CITY OK | 134.4 | PLN    | DTVPLN        | -DTVP0581    |
| 24 | KOKH-TV  | OKLAHOMA CITY OK | 134.4 | LIC    | BLCDDT        | -20041207ACV |
| 27 | KFOR-TV  | OKLAHOMA CITY OK | 139.6 | LIC    | BLCDDT        | -20050701ABR |
| 27 | KFOR-DT  | OKLAHOMA CITY OK | 136.5 | PLN    | DTVPLN        | -DTVP0684    |
| 28 | KFDX-DT  | WICHITA FALLS TX | 141.4 | PLN    | DTVPLN        | -DTVP0729    |
| 28 | KFDX-TV  | WICHITA FALLS TX | 141.7 | CP MOD | BMPCDDT       | -20040312ADT |
| 34 | KOCB     | OKLAHOMA CITY OK | 134.4 | CP     | BPCT          | -20020722AAF |
| 35 | K35CU    | ADA OK           | 48.3  | LIC    | BLTT          | -19960111AG  |
| 18 | WETUM18D |                  | 122.7 | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 26

### Analysis of current record

| Channel | Call    | City/State       | Application | Ref. No.     |
|---------|---------|------------------|-------------|--------------|
| 21      | KTOU-LP | OKLAHOMA CITY OK | BLTTT       | -20011116ABI |

### Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 18   | KAFU-DT  | ENID OK          | 126.3    | PLN    | DTVPLN        | -DTVP0319    |
| 21   | KHBS     | FORT SMITH AR    | 258.5    | LIC    | BLCDDT        | -20031121AMR |
| 21   | KHBS-DT  | FORT SMITH AR    | 258.4    | PLN    | DTVPLN        | -DTVP0427    |
| 21   | KDCK     | DODGE CITY KS    | 361.3    | LIC    | BLEDT         | -20030423ABG |
| 21   | KAKE-DT  | WICHITA KS       | 266.1    | PLN    | DTVPLN        | -DTVP0439    |
| 21   | KAKE-TV  | WICHITA KS       | 266.1    | LIC    | BLCDDT        | -20050701AAA |
| 21   | NEW      | ENID OK          | 68.3     | ADD    | BPRM          | -20000717ACK |
| 21   | K21DF    | STILLWATER OK    | 84.7     | LIC    | BLTT          | -19940616IH  |
| 21   | KACV-DT  | AMARILLO TX      | 391.9    | PLN    | DTVPLN        | -DTVP0458    |
| 21   | KTXA     | FORT WORTH TX    | 314.8    | LIC    | BLCT          | -19801231KF  |
| 24   | KOKH-DT  | OKLAHOMA CITY OK | 18.1     | PLN    | DTVPLN        | -DTVP0581    |
| 24   | KOKH-TV  | OKLAHOMA CITY OK | 18.1     | LIC    | BLCDDT        | -20041207ACV |
| 28   | KTPX     | OKMULGEE OK      | 133.8    | LIC    | BLCDDT        | -20020510AAQ |
| 28   | KGLB-DT  | OKMULGEE OK      | 133.8    | PLN    | DTVPLN        | -DTVP0723    |
| 29   | KTUZ-TV  | SHAWNEE OK       | 18.6     | CP MOD | BMPCDDT       | -20040729ANF |
| 29   | KAQS-DT  | SHAWNEE OK       | 18.9     | PLN    | DTVPLN        | -DTVP0758    |
| 36   | KCHM-LP  | OKLAHOMA CITY OK | 20.2     | CP     | BMJPTTA       | -20040504ABL |
| 36   | KCHM-LP  | OKLAHOMA CITY OK | 4.0      | APP    | BMPTTA        | -20050707AAW |
| 18   | WETUM18D |                  | 124.1    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 27

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Analysis of current record

|         |       |            |                      |
|---------|-------|------------|----------------------|
| Channel | Call  | City/State | Application Ref. No. |
| 21      | K69GO | TULSA OK   | BPTTL -20030625AAP   |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State     | Dist(km) | Status | Application Ref. No. |
|------|----------|----------------|----------|--------|----------------------|
| 20   | KWBT     | MUSKOGEE OK    | 40.1     | APP    | BSRCCT -20060403BKW  |
| 20   | KWBT-TV  | MUSKOGEE OK    | 40.1     | APP    | BPRM -19990917ABE    |
| 21   | KHBS     | FORT SMITH AR  | 159.8    | LIC    | BLCDT -20031121AMR   |
| 21   | KHBS-DT  | FORT SMITH AR  | 159.8    | PLN    | DTVPLN -DTVP0427     |
| 21   | KAKE-DT  | WICHITA KS     | 235.1    | PLN    | DTVPLN -DTVP0439     |
| 21   | KAKE-TV  | WICHITA KS     | 235.0    | LIC    | BLCDT -20050701AAA   |
| 21   | KOZK     | SPRINGFIELD MO | 290.1    | LIC    | BLET -20030911AAT    |
| 21   | KTAJ-TV  | ST. JOSEPH MO  | 347.1    | CP MOD | BMPCDT -20040715ACD  |
| 21   | KTAJ-TV  | ST. JOSEPH MO  | 355.5    | APP    | BMPCDT -20031114AFG  |
| 21   | NEW      | ENID OK        | 161.0    | ADD    | BPRM -20000717ACK    |
| 21   | K21DF    | STILLWATER OK  | 115.4    | LIC    | BLTT -19940616IH     |
| 22   | KOKI-TV  | TULSA OK       | 22.5     | LIC    | BLCDT -20021127AGL   |
| 22   | KOKI-DT  | TULSA OK       | 22.5     | PLN    | DTVPLN -DTVP0500     |
| 28   | KTPX     | OKMULGEE OK    | 35.5     | LIC    | BLCDT -20020510AAQ   |
| 28   | KGLB-DT  | OKMULGEE OK    | 35.5     | PLN    | DTVPLN -DTVP0723     |
| 35   | KRSC-TV  | CLAREMORE OK   | 42.8     | CP     | BPET -20021118ABV    |
| 36   | KRSC-TV  | CLAREMORE OK   | 42.8     | CP MOD | BMPEDT -20060406AAK  |
| 36   | KRSC-DT  | CLAREMORE OK   | 42.8     | PLN    | DTVPLN -DTVP1031     |
| 18   | WETUM18D |                | 109.4    | 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. |
| 25      | K25GJ | MUSKOGEE OK | BLTT -20051206ADA    |

## Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 18   | KFSM-DT | FORT SMITH AR    | 88.0     | PLN    | DTVPLN -DTVP0292     |
| 18   | KFSM-TV | FORT SMITH AR    | 104.8    | CP MOD | BMPCDT -20041104AMO  |
| 21   | KHBS    | FORT SMITH AR    | 89.9     | LIC    | BLCDT -20031121AMR   |
| 21   | KHBS-DT | FORT SMITH AR    | 89.8     | PLN    | DTVPLN -DTVP0427     |
| 22   | KOKI-TV | TULSA OK         | 49.7     | LIC    | BLCDT -20021127AGL   |
| 22   | KOKI-DT | TULSA OK         | 49.7     | PLN    | DTVPLN -DTVP0500     |
| 24   | KFTA-TV | FORT SMITH AR    | 105.6    | LIC    | BLCT -19781025KF     |
| 25   | KVTN    | PINE BLUFF AR    | 323.6    | LIC    | BLCT -20050414ABI    |
| 25   | KLTS-DT | SHREVEPORT LA    | 358.7    | PLN    | DTVPLN -DTVP0604     |
| 25   | KOZJ    | JOPLIN MO        | 168.2    | CP MOD | BMPEDT -20060502AAO  |
| 25   | KOZJ-DT | JOPLIN MO        | 168.2    | PLN    | DTVPLN -DTVP0606     |
| 25   | KGCT-LP | NOWATA OK        | 115.7    | LIC    | BLTTA -20020805AAQ   |
| 25   | KOKH-TV | OKLAHOMA CITY OK | 197.7    | LIC    | BLCT -20050621AAN    |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |               |       |        |               |              |
|----|----------|---------------|-------|--------|---------------|--------------|
| 25 | KUTU-CA  | TULSA OK      | 79.5  | LIC    | BLTTL         | -20001120AAE |
| 25 | NEW      | LEONARD TX    | 271.6 | APP    | BPRM          | -20040317AFI |
| 26 | 960930KG | TULSA OK      | 79.5  | APP    | BPET          | -19960930KG  |
| 26 | 960621KE | TULSA OK      | 69.8  | APP    | BPET          | -19960621KE  |
| 26 | NEW      | TULSA OK      | 59.0  | APP    | BPRM          | -20000717AEZ |
| 27 | KPOM-DT  | FORT SMITH AR | 105.6 | PLN    | DTVPLN        | -DTVP0662    |
| 27 | KFTA-TV  | FORT SMITH AR | 105.6 | APP    | BMPCDT        | -20040803ABV |
| 27 | KFTA-TV  | FORT SMITH AR | 105.6 | CP     | BPCDT         | -19991028AEE |
| 28 | KTPX     | OKMULGEE OK   | 75.3  | LIC    | BLCDT         | -20020510AAQ |
| 28 | KGLB-DT  | OKMULGEE OK   | 75.3  | PLN    | DTVPLN        | -DTVP0723    |
| 39 | KSBN-TV  | SPRINGDALE AR | 105.9 | CP MOD | BMPCDT        | -20000426AAR |
| 39 | KSBN-DT  | SPRINGDALE AR | 105.9 | PLN    | DTVPLN        | -DTVP1078    |
| 40 | KHBS     | FORT SMITH AR | 89.9  | LIC    | BMLCT         | -20030514ADT |
| 18 | WETUM18D |               | 99.3  | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to nearest cell evaluation distance

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## Analysis of Interference to Affected Station 29

### NTSC Baseline Analysis

| Channel | Call   | City/State       | Application | Ref. No.  |
|---------|--------|------------------|-------------|-----------|
| 25      | KOKHTV | OKLAHOMA CITY OK | DTVPLN      | -NPLN1256 |

### Stations Potentially Affecting This Station

| Chan | Call    | City/State       | Dist(km) | Status | Application | Ref. No.  |
|------|---------|------------------|----------|--------|-------------|-----------|
| 18   | KAFU-DT | ENID OK          | 109.4    | PLN    | DTVPLN      | -DTVP0319 |
| 18   | KJTL    | WICHITA FALLS TX | 187.7    | PLN    | DTVPLN      | -NPLN1033 |
| 24   | KOKH-DT | OKLAHOMA CITY OK | 0.0      | PLN    | DTVPLN      | -DTVP0581 |
| 25   | KOZJ-DT | JOPLIN MO        | 314.2    | PLN    | DTVPLN      | -DTVP0606 |
| 26   | KTEN-DT | ADA OK           | 157.0    | PLN    | DTVPLN      | -DTVP0649 |
| 26   | NEW     | ENID OK          | 107.8    | PLN    | DTVPLN      | -NPLN1288 |
| 27   | KFOR-DT | OKLAHOMA CITY OK | 2.1      | PLN    | DTVPLN      | -DTVP0684 |
| 28   | KGLB-DT | OKMULGEE OK      | 127.1    | PLN    | DTVPLN      | -DTVP0723 |
| 29   | KAQS-DT | SHAWNEE OK       | 32.9     | PLN    | DTVPLN      | -DTVP0758 |
| 32   | KETA-DT | OKLAHOMA CITY OK | 0.8      | PLN    | DTVPLN      | -DTVP0875 |
| 33   | KOCB-DT | OKLAHOMA CITY OK | 1.2      | PLN    | DTVPLN      | -DTVP0913 |
| 39   | KWTV-DT | OKLAHOMA CITY OK | 0.8      | PLN    | DTVPLN      | -DTVP1101 |

|                                   |            |              |     |
|-----------------------------------|------------|--------------|-----|
| Results for: 25N OK OKLAHOMA CITY | DTVPLN     | NPLN1256     | PLN |
|                                   | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour      | 1150377    | 25434.2      |     |
| not affected by terrain losses    | 1149476    | 25294.3      |     |
| lost to NTSC IX                   | 28         | 16.9         |     |
| lost to additional IX by ATV      | 26         | 4.0          |     |
| lost to all IX                    | 54         | 20.8         |     |

### Analysis of current record

| Channel | Call    | City/State       | Application | Ref. No.     |
|---------|---------|------------------|-------------|--------------|
| 25      | KOKH-TV | OKLAHOMA CITY OK | BLCT        | -20050621AAN |



# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 18   | KAFU-DT  | ENID OK          | 109.4    | PLN    | DTVPLN        | -DTVP0319    |
| 18   | KJTL     | WICHITA FALLS TX | 187.7    | LIC    | BLCT          | -19850523LJ  |
| 21   | NEW      | ENID OK          | 51.4     | ADD    | BPRM          | -20000717ACK |
| 24   | KOKH-DT  | OKLAHOMA CITY OK | 0.0      | PLN    | DTVPLN        | -DTVP0581    |
| 24   | KOKH-TV  | OKLAHOMA CITY OK | 0.0      | LIC    | BLCDDT        | -20041207ACV |
| 25   | KOZJ     | JOPLIN MO        | 314.1    | CP MOD | BMPEDT        | -20060502AAO |
| 25   | KOZJ-DT  | JOPLIN MO        | 314.2    | PLN    | DTVPLN        | -DTVP0606    |
| 25   | NEW      | LEONARD TX       | 266.7    | APP    | BPRM          | -20040317AFI |
| 26   | KTEN     | ADA OK           | 157.0    | CP     | BPCDDT        | -19991007AAW |
| 26   | KTEN-DT  | ADA OK           | 157.0    | PLN    | DTVPLN        | -DTVP0649    |
| 26   | 970331SF | ENID OK          | 51.4     | APP    | BPET          | -19970331SF  |
| 26   | 960920IQ | ENID OK          | 107.8    | APP    | BPET          | -19960920IQ  |
| 26   | 960930KG | TULSA OK         | 150.6    | APP    | BPET          | -19960930KG  |
| 26   | 960621KE | TULSA OK         | 148.9    | APP    | BPET          | -19960621KE  |
| 26   | NEW      | TULSA OK         | 166.9    | APP    | BPRM          | -20000717AEZ |
| 27   | KFOR-TV  | OKLAHOMA CITY OK | 5.4      | LIC    | BLCDDT        | -20050701ABR |
| 27   | KFOR-DT  | OKLAHOMA CITY OK | 2.1      | PLN    | DTVPLN        | -DTVP0684    |
| 28   | KTPX     | OKMULGEE OK      | 127.1    | LIC    | BLCDDT        | -20020510AAQ |
| 28   | KGLB-DT  | OKMULGEE OK      | 127.1    | PLN    | DTVPLN        | -DTVP0723    |
| 29   | KTUZ-TV  | SHAWNEE OK       | 32.6     | CP MOD | BMPCDDT       | -20040729ANF |
| 29   | KAQS-DT  | SHAWNEE OK       | 32.9     | PLN    | DTVPLN        | -DTVP0758    |
| 32   | KETA-TV  | OKLAHOMA CITY OK | 5.4      | CP     | BPEDT         | -20000426ABH |
| 32   | KETA-DT  | OKLAHOMA CITY OK | 0.8      | PLN    | DTVPLN        | -DTVP0875    |
| 33   | KOCB     | OKLAHOMA CITY OK | 0.0      | CP MOD | BMPCDDT       | -20020813ABE |
| 33   | KOCB-DT  | OKLAHOMA CITY OK | 1.2      | PLN    | DTVPLN        | -DTVP0913    |
| 39   | KWTV-DT  | OKLAHOMA CITY OK | 0.8      | PLN    | DTVPLN        | -DTVP1101    |
| 39   | KWTV     | OKLAHOMA CITY OK | 5.4      | LIC    | BLCDDT        | -20050330AJN |
| 40   | KAUT-TV  | OKLAHOMA CITY OK | 5.4      | LIC    | BLCDDT        | -20060504ACH |
| 40   | KAUTTV   | OKLAHOMA CITY OK | 5.4      | LIC    | BPRM          | -20000328ABD |
| 18   | WETUM18D |                  | 128.2    | 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.     |
|---------|---------|------------|-------------|--------------|
| 25      | KUTU-CA | TULSA OK   | BLTTTL      | -20001120AAE |

## 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-DT | TULSA OK         | 31.2     | PLN    | DTVPLN      | -DTVP0500    |
| 25   | KOZJ    | JOPLIN MO        | 165.6    | CP MOD | BMPEDT      | -20060502AAO |
| 25   | KOZJ-DT | JOPLIN MO        | 165.6    | PLN    | DTVPLN      | -DTVP0606    |
| 25   | K25GJ   | MUSKOGEE OK      | 79.5     | LIC    | BLTT        | -20051206ADA |
| 25   | KGCT-LP | NOWATA OK        | 68.9     | LIC    | BLTTA       | -20020805AAQ |
| 25   | KOKH-TV | OKLAHOMA CITY OK | 150.6    | LIC    | BLCT        | -20050621AAN |
| 25   | NEW     | LEONARD TX       | 308.9    | APP    | BPRM        | -20040317AFI |

# FIGURE 1—OET-69 STUDY FOR MCALESTER, OK 18D DIGITAL COMPANION CHANNEL

|    |          |             |       |     |               |              |
|----|----------|-------------|-------|-----|---------------|--------------|
| 26 | 960930KG | TULSA OK    | 0.0   | APP | BPET          | -19960930KG  |
| 26 | 960621KE | TULSA OK    | 12.4  | APP | BPET          | -19960621KE  |
| 26 | NEW      | TULSA OK    | 22.2  | APP | BPRM          | -20000717AEZ |
| 28 | KTPX     | OKMULGEE OK | 37.2  | LIC | BLCDDT        | -20020510AAQ |
| 28 | KGLB-DT  | OKMULGEE OK | 37.2  | PLN | DTVPLN        | -DTVP0723    |
| 18 | WETUM18D |             | 113.3 | APP | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 31

Analysis of current record

| Channel | Call     | City/State | Application | Ref. No.    |
|---------|----------|------------|-------------|-------------|
| 26      | 960930KG | TULSA OK   | BPET        | -19960930KG |

## Stations Potentially Affecting This Station

| Chan | Call     | City/State       | Dist(km) | Status | Application   | Ref. No.     |
|------|----------|------------------|----------|--------|---------------|--------------|
| 19   | KWBT     | MUSKOGEE OK      | 47.3     | LIC    | BLCT          | -19990922AAE |
| 22   | KOKI-TV  | TULSA OK         | 31.2     | LIC    | BLCDDT        | -20021127AGL |
| 22   | KOKI-DT  | TULSA OK         | 31.2     | PLN    | DTVPLN        | -DTVP0500    |
| 23   | KOKI-TV  | TULSA OK         | 31.2     | LIC    | BLCT          | -20030416AAI |
| 25   | KOZJ     | JOPLIN MO        | 165.6    | CP MOD | BMPEDT        | -20060502AAO |
| 25   | KOZJ-DT  | JOPLIN MO        | 165.6    | PLN    | DTVPLN        | -DTVP0606    |
| 25   | KOKH-TV  | OKLAHOMA CITY OK | 150.6    | LIC    | BLCT          | -20050621AAN |
| 26   | KVTH     | HOT SPRINGS AR   | 332.3    | LIC    | BMLCT         | -20040325AAV |
| 26   | KSAS-TV  | WICHITA KS       | 225.7    | LIC    | BLCDDT        | -20021120AAN |
| 26   | KSAS-DT  | WICHITA KS       | 240.4    | PLN    | DTVPLN        | -DTVP0637    |
| 26   | KOZJ     | JOPLIN MO        | 165.6    | CP     | BPET          | -20051123ABL |
| 26   | KTEN     | ADA OK           | 205.6    | CP     | BPCDDT        | -19991007AAW |
| 26   | KTEN-DT  | ADA OK           | 205.6    | PLN    | DTVPLN        | -DTVP0649    |
| 26   | 970331SF | ENID OK          | 154.3    | APP    | BPET          | -19970331SF  |
| 26   | 960920IQ | ENID OK          | 179.7    | APP    | BPET          | -19960920IQ  |
| 27   | KPOM-DT  | FORT SMITH AR    | 173.8    | PLN    | DTVPLN        | -DTVP0662    |
| 27   | KFTA-TV  | FORT SMITH AR    | 173.8    | APP    | BMPCDDT       | -20040803ABV |
| 27   | KFTA-TV  | FORT SMITH AR    | 173.8    | CP     | BPCDDT        | -19991028AEE |
| 27   | KFOR-TV  | OKLAHOMA CITY OK | 148.3    | LIC    | BLCDDT        | -20050701ABR |
| 27   | KFOR-DT  | OKLAHOMA CITY OK | 149.7    | PLN    | DTVPLN        | -DTVP0684    |
| 28   | KTPX     | OKMULGEE OK      | 37.2     | LIC    | BLCDDT        | -20020510AAQ |
| 28   | KGLB-DT  | OKMULGEE OK      | 37.2     | PLN    | DTVPLN        | -DTVP0723    |
| 40   | KHBS     | FORT SMITH AR    | 168.6    | LIC    | BMLCT         | -20030514ADT |
| 41   | KTFO     | TULSA OK         | 33.3     | LIC    | BLCT          | -19810323KF  |
| 18   | WETUM18D |                  | 113.3    | APP    | USERRECORD-01 |              |

Proposed station is beyond the site to  
nearest cell evaluation distance

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

