

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

tvstudy v2.2.3 (Dxtpx3)  
Database: localhost, Study: kfp36m4, Model: Longley-Rice

Study build station data: LMS TV 2017-10-11 (69)

Proposal: KFPX36M4 D36 DT APP NEWTON, IA  
File number: kfp36m4  
Facility ID: 81509  
Station data: User record  
Record ID: 1560  
Country: U.S.  
Zone: II

Stations affected by proposal:

| Call    | Chan | Svc | Status | City, State     | File Number      | Distance |
|---------|------|-----|--------|-----------------|------------------|----------|
| KHIN    | D35  | DT  | LIC    | RED OAK, IA     | BLANK0000030114  | 145.4 km |
| KRIN    | D35  | DT  | LIC    | WATERLOO, IA    | BLEDT20050218ABQ | 156.0    |
| WMEC    | D36  | DT  | CP     | MACOMB, IL      | BLANK0000026298  | 288.4    |
| WMEC    | D36  | DT  | BL     | MACOMB, IL      | DTVBL70537       | 288.4    |
| KAAL    | D36  | DT  | LIC    | AUSTIN, MN      | BLCDT20091110AAF | 222.5    |
| KSHB-TV | D36  | DT  | CP     | KANSAS CITY, MO | BLANK0000026810  | 324.0    |
| KSHB-TV | D36  | DT  | BL     | KANSAS CITY, MO | DTVBL59444       | 324.0    |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36  
Latitude: 41 48 35.00 N (NAD83)  
Longitude: 93 37 17.00 W  
Height AMSL: 855.6 m  
HAAT: 564.0 m  
Peak ERP: 270 kW  
Antenna: DIE-TFU-20DSC/VP-R P230 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.8

40.9 dBu contour:

| Azimuth | ERP     | HAAT    | Distance |
|---------|---------|---------|----------|
| 0.0 deg | 82.3 kW | 546.4 m | 95.5 km  |
| 45.0    | 106     | 568.4   | 99.2     |
| 90.0    | 46.1    | 580.5   | 92.8     |
| 135.0   | 240     | 560.5   | 105.7    |
| 180.0   | 82.3    | 569.3   | 97.1     |
| 225.0   | 106     | 579.5   | 99.8     |
| 270.0   | 46.1    | 567.6   | 92.1     |
| 315.0   | 240     | 543.1   | 104.6    |

\*\*Proposal service area extends beyond baseline plus 1.0%  
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 711.4 km

Distance to Mexican border: 1509.2 km

Conditions at FCC monitoring station: Grand Island NE  
Bearing: 257.8 degrees Distance: 412.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 263.1 degrees Distance: 990.1 km

Study cell size: 1.00 km (Higher resolution cell size requested.)  
Profile point spacing: 1.00 km (Higher resolution terrain profile point spacing requested.)

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

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Interference to BLANK0000030114 LIC, scenario 1

|             | Call     | Chan | Svc | Status | City, State  | File Number      | Distance |
|-------------|----------|------|-----|--------|--------------|------------------|----------|
| Desired:    | KHIN     | D35  | DT  | LIC    | RED OAK, IA  | BLANK0000030114  |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA   | DTVBL81509       | 178.2 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA   | kfp36m4          | 145.4    |
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA | BLEDT20050218ABQ | 301.4    |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|                   |                   |                   |                   |                |
|-------------------|-------------------|-------------------|-------------------|----------------|
| Service area      | Terrain-limited   | IX-free, before   | IX-free, after    | Percent New IX |
| 31702.1 1,037,558 | 31384.5 1,036,781 | 31204.3 1,035,413 | 30890.1 1,030,296 | 1.01 0.49      |

|                     |             |                   |                  |
|---------------------|-------------|-------------------|------------------|
| Undesired           | Total IX    | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 0.0 0       | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 414.6 6,291 |                   | 314.2 5,117      |
| KRIN D35 DT LIC     | 180.2 1,368 | 180.2 1,368       | 79.8 194         |

## Interference to BLEDT20050218ABQ LIC, scenario 1

| Desired:    | Call     | Chan | Svc | Status | City, State  | File Number      | Distance |
|-------------|----------|------|-----|--------|--------------|------------------|----------|
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA | BLEDT20050218ABQ |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA   | DTVBL81509       | 124.4 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA   | kfp36m4          | 156.0    |
|             | KHIN     | D35  | DT  | LIC    | RED OAK, IA  | BLANK0000030114  | 301.4    |
|             | WGBO-DT  | D35  | DT  | CP     | JOLIET, IL   | BLANK0000025108  | 352.3    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL   | BLANK0000028050  | 267.4    |
|             | KSTP-TV  | D35  | DT  | LIC    | ST. PAUL, MN | BLCDT20090622ABR | 322.1    |
|             | KAAL     | D36  | DT  | LIC    | AUSTIN, MN   | BLCDT20091110AAF | 157.1    |

|                 |                 |                 |                 |                |
|-----------------|-----------------|-----------------|-----------------|----------------|
| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
| 36417.2 947,658 | 35997.7 929,035 | 35743.3 921,606 | 35734.4 921,447 | 0.02 0.02      |

|                     |            |                   |                  |
|---------------------|------------|-------------------|------------------|
| Undesired           | Total IX   | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 34.0 107   | 31.0 102          |                  |
| KFPX36M4 D36 DT APP | 46.9 262   |                   | 39.9 261         |
| KHIN D35 DT LIC     | 29.1 42    | 25.1 37           | 21.1 41          |
| WGBO-DT D35 DT CP   | 40.1 5,141 | 22.1 2,081        | 22.1 2,081       |
| WTVP D35 DT CP      | 54.1 4,224 | 35.0 1,164        | 35.0 1,164       |
| KSTP-TV D35 DT LIC  | 56.1 673   | 40.1 636          | 40.1 636         |
| KAAL D36 DT LIC     | 79.1 344   | 63.1 307          | 63.1 307         |

## Interference to BLEDT20050218ABQ LIC, scenario 2

| Desired:    | Call     | Chan | Svc | Status | City, State  | File Number      | Distance |
|-------------|----------|------|-----|--------|--------------|------------------|----------|
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA | BLEDT20050218ABQ |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA   | DTVBL81509       | 124.4 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA   | kfp36m4          | 156.0    |
|             | KHIN     | D35  | DT  | LIC    | RED OAK, IA  | BLANK0000030114  | 301.4    |
|             | WGBO-DT  | D35  | DT  | CP     | JOLIET, IL   | BLANK0000025108  | 352.3    |
|             | WTVP     | D35  | DT  | BL     | PEORIA, IL   | DTVBL28311       | 267.4    |
|             | KSTP-TV  | D35  | DT  | LIC    | ST. PAUL, MN | BLCDT20090622ABR | 322.1    |
|             | KAAL     | D36  | DT  | LIC    | AUSTIN, MN   | BLCDT20091110AAF | 157.1    |

|                 |                 |                 |                 |                |
|-----------------|-----------------|-----------------|-----------------|----------------|
| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
| 36417.2 947,658 | 35997.7 929,035 | 35744.3 921,605 | 35735.4 921,446 | 0.02 0.02      |

|                     |            |                   |                  |
|---------------------|------------|-------------------|------------------|
| Undesired           | Total IX   | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 34.0 107   | 31.0 102          |                  |
| KFPX36M4 D36 DT APP | 46.9 262   |                   | 39.9 261         |
| KHIN D35 DT LIC     | 29.1 42    | 25.1 37           | 21.1 41          |
| WGBO-DT D35 DT CP   | 40.1 5,141 | 22.1 2,081        | 22.1 2,081       |
| WTVP D35 DT BL      | 53.1 4,225 | 34.0 1,165        | 34.0 1,165       |
| KSTP-TV D35 DT LIC  | 56.1 673   | 40.1 636          | 40.1 636         |
| KAAL D36 DT LIC     | 79.1 344   | 63.1 307          | 63.1 307         |

## Interference to BLEDT20050218ABQ LIC, scenario 3

| Desired:    | Call     | Chan | Svc | Status | City, State  | File Number      | Distance |
|-------------|----------|------|-----|--------|--------------|------------------|----------|
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA | BLEDT20050218ABQ |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA   | DTVBL81509       | 124.4 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA   | kfp36m4          | 156.0    |
|             | KHIN     | D35  | DT  | LIC    | RED OAK, IA  | BLANK0000030114  | 301.4    |
|             | WGBO-DT  | D35  | DT  | BL     | JOLIET, IL   | DTVBL12498       | 352.3    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL   | BLANK0000028050  | 267.4    |
|             | KSTP-TV  | D35  | DT  | LIC    | ST. PAUL, MN | BLCDT20090622ABR | 322.1    |
|             | KAAL     | D36  | DT  | LIC    | AUSTIN, MN   | BLCDT20091110AAF | 157.1    |

|                 |                 |                 |                 |                |
|-----------------|-----------------|-----------------|-----------------|----------------|
| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
| 36417.2 947,658 | 35997.7 929,035 | 35743.3 921,606 | 35734.4 921,447 | 0.02 0.02      |

|                     |            |                   |                  |
|---------------------|------------|-------------------|------------------|
| Undesired           | Total IX   | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 34.0 107   | 31.0 102          |                  |
| KFPX36M4 D36 DT APP | 46.9 262   |                   | 39.9 261         |
| KHIN D35 DT LIC     | 29.1 42    | 25.1 37           | 21.1 41          |
| WGBO-DT D35 DT BL   | 40.1 5,141 | 22.1 2,081        | 22.1 2,081       |
| WTVP D35 DT CP      | 54.1 4,224 | 35.0 1,164        | 35.0 1,164       |

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|                    |      |     |      |     |      |     |
|--------------------|------|-----|------|-----|------|-----|
| KSTP-TV D35 DT LIC | 56.1 | 673 | 40.1 | 636 | 40.1 | 636 |
| KAAL D36 DT LIC    | 79.1 | 344 | 63.1 | 307 | 63.1 | 307 |

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Interference to BLEDT20050218ABQ LIC, scenario 4

| Desired:    | Call     | Chan | Svc | Status | City, State  | File Number      | Distance |
|-------------|----------|------|-----|--------|--------------|------------------|----------|
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA | BLEDT20050218ABQ |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA   | DTVBL81509       | 124.4 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA   | kfp36m4          | 156.0    |
|             | KHIN     | D35  | DT  | LIC    | RED OAK, IA  | BLANK0000030114  | 301.4    |
|             | WGBO-DT  | D35  | DT  | BL     | JOLIET, IL   | DTVBL12498       | 352.3    |
|             | WTVP     | D35  | DT  | BL     | PEORIA, IL   | DTVBL28311       | 267.4    |
|             | KSTP-TV  | D35  | DT  | LIC    | ST. PAUL, MN | BLCDT20090622ABR | 322.1    |
|             | KAAL     | D36  | DT  | LIC    | AUSTIN, MN   | BLCDT20091110AAF | 157.1    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 36417.2 947,658 | 35997.7 929,035 | 35744.3 921,605 | 35735.4 921,446 | 0.02 0.02      |

| Undesired           | Total IX   | Unique IX, before | Unique IX, after |
|---------------------|------------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 34.0 107   | 31.0 102          |                  |
| KFPX36M4 D36 DT APP | 46.9 262   |                   | 39.9 261         |
| KHIN D35 DT LIC     | 29.1 42    | 25.1 37           | 21.1 41          |
| WGBO-DT D35 DT BL   | 40.1 5,141 | 22.1 2,081        | 22.1 2,081       |
| WTVP D35 DT BL      | 53.1 4,225 | 34.0 1,165        | 34.0 1,165       |
| KSTP-TV D35 DT LIC  | 56.1 673   | 40.1 636          | 40.1 636         |
| KAAL D36 DT LIC     | 79.1 344   | 63.1 307          | 63.1 307         |

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Interference to BLANK0000026298 CP, scenario 1

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL         | BLANK0000026298 |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL         | BLANK0000028050 | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.8    |
|             | WQRF-TV  | D36  | DT  | CP     | ROCKFORD, IL       | BLANK0000027710 | 247.1    |
|             | WCCU     | D36  | DT  | CP     | URBANA, IL         | BLANK0000027777 | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13380.9 217,614 | 13291.9 217,392 | 13169.0 216,238 | 13150.0 216,176 | 0.14 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0 0    | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 47.9 739 |                   | 19.0 62          |
| WTVP D35 DT CP      | 45.9 211 | 17.0 115          | 17.0 115         |
| WQRF-TV D36 DT CP   | 18.9 203 | 12.9 175          | 10.9 175         |
| WCCU D36 DT CP      | 92.0 864 | 56.0 740          | 34.1 80          |
| KSHB-TV D36 DT CP   | 3.0 0    | 1.0 0             | 0.0 0            |

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Interference to BLANK0000026298 CP, scenario 2

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL         | BLANK0000026298 |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL         | BLANK0000028050 | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.8    |
|             | WQRF-TV  | D36  | DT  | BL     | ROCKFORD, IL       | DTVBL52408      | 247.1    |
|             | WCCU     | D36  | DT  | CP     | URBANA, IL         | BLANK0000027777 | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13380.9 217,614 | 13291.9 217,392 | 13171.0 216,249 | 13152.0 216,187 | 0.14 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0 0    | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 47.9 739 |                   | 19.0 62          |
| WTVP D35 DT CP      | 45.9 211 | 17.0 115          | 17.0 115         |
| WQRF-TV D36 DT BL   | 15.9 192 | 10.9 164          | 8.9 164          |
| WCCU D36 DT CP      | 92.0 864 | 57.1 740          | 35.1 80          |
| KSHB-TV D36 DT CP   | 3.0 0    | 1.0 0             | 0.0 0            |

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Interference to BLANK0000026298 CP, scenario 3

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

| Desired:    | Call<br>WMEC | Chan<br>D36 | Svc<br>DT | Status<br>CP | City, State<br>MACOMB, IL | File Number<br>BLANK0000026298 | Distance |
|-------------|--------------|-------------|-----------|--------------|---------------------------|--------------------------------|----------|
| Undesireds: | KFPX-TV      | D36         | DT        | BL           | NEWTON, IA                | DTVBL81509                     | 260.6 km |
|             | KFPX36M4     | D36         | DT        | APP          | NEWTON, IA                | kfp36m4                        | 288.4    |
|             | WTVP         | D35         | DT        | BL           | PEORIA, IL                | DTVBL28311                     | 101.5    |
|             | W50CH-D      | D36         | DC        | CP           | ALTON, IL                 | BLANK0000027756                | 172.8    |
|             | WQRF-TV      | D36         | DT        | CP           | ROCKFORD, IL              | BLANK0000027710                | 247.1    |
|             | WCCU         | D36         | DT        | CP           | URBANA, IL                | BLANK0000027777                | 238.6    |
|             | KBSI         | D36         | DT        | CP           | CAPE GIRARDEAU, MO        | BLANK0000025127                | 347.6    |
|             | KSHB-TV      | D36         | DT        | CP           | KANSAS CITY, MO           | BLANK0000026810                | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13380.9 217,614 | 13291.9 217,392 | 13168.0 216,231 | 13149.0 216,169 | 0.14 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0      | 0                 | 0                |
| KFPX36M4 D36 DT APP | 47.9     | 739               | 19.0 62          |
| WTVP D35 DT BL      | 46.9     | 218               | 18.0 122         |
| WQRF-TV D36 DT CP   | 18.9     | 203               | 12.9 175         |
| WCCU D36 DT CP      | 92.0     | 864               | 56.0 740         |
| KSHB-TV D36 DT CP   | 3.0      | 0                 | 1.0 0            |

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Interference to BLANK0000026298 CP, scenario 4

| Desired:    | Call<br>WMEC | Chan<br>D36 | Svc<br>DT | Status<br>CP | City, State<br>MACOMB, IL | File Number<br>BLANK0000026298 | Distance |
|-------------|--------------|-------------|-----------|--------------|---------------------------|--------------------------------|----------|
| Undesireds: | KFPX-TV      | D36         | DT        | BL           | NEWTON, IA                | DTVBL81509                     | 260.6 km |
|             | KFPX36M4     | D36         | DT        | APP          | NEWTON, IA                | kfp36m4                        | 288.4    |
|             | WTVP         | D35         | DT        | BL           | PEORIA, IL                | DTVBL28311                     | 101.5    |
|             | W50CH-D      | D36         | DC        | CP           | ALTON, IL                 | BLANK0000027756                | 172.8    |
|             | WQRF-TV      | D36         | DT        | BL           | ROCKFORD, IL              | DTVBL52408                     | 247.1    |
|             | WCCU         | D36         | DT        | CP           | URBANA, IL                | BLANK0000027777                | 238.6    |
|             | KBSI         | D36         | DT        | CP           | CAPE GIRARDEAU, MO        | BLANK0000025127                | 347.6    |
|             | KSHB-TV      | D36         | DT        | CP           | KANSAS CITY, MO           | BLANK0000026810                | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13380.9 217,614 | 13291.9 217,392 | 13170.0 216,242 | 13151.0 216,180 | 0.14 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0      | 0                 | 0                |
| KFPX36M4 D36 DT APP | 47.9     | 739               | 19.0 62          |
| WTVP D35 DT BL      | 46.9     | 218               | 18.0 122         |
| WQRF-TV D36 DT BL   | 15.9     | 192               | 10.9 164         |
| WCCU D36 DT CP      | 92.0     | 864               | 57.1 740         |
| KSHB-TV D36 DT CP   | 3.0      | 0                 | 1.0 0            |

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Interference to BLANK0000026298 CP, scenario 5

| Desired:    | Call<br>WMEC | Chan<br>D36 | Svc<br>DT | Status<br>CP | City, State<br>MACOMB, IL | File Number<br>BLANK0000026298 | Distance |
|-------------|--------------|-------------|-----------|--------------|---------------------------|--------------------------------|----------|
| Undesireds: | KFPX-TV      | D36         | DT        | BL           | NEWTON, IA                | DTVBL81509                     | 260.6 km |
|             | KFPX36M4     | D36         | DT        | APP          | NEWTON, IA                | kfp36m4                        | 288.4    |
|             | WTVP         | D35         | DT        | CP           | PEORIA, IL                | BLANK0000028050                | 101.5    |
|             | W50CH-D      | D36         | DC        | CP           | ALTON, IL                 | BLANK0000027756                | 172.8    |
|             | WQRF-TV      | D36         | DT        | CP           | ROCKFORD, IL              | BLANK0000027710                | 247.1    |
|             | WCCU         | D36         | DT        | CP           | URBANA, IL                | BLANK0000027777                | 238.6    |
|             | KBSI         | D36         | DT        | CP           | CAPE GIRARDEAU, MO        | BLANK0000025127                | 347.6    |
|             | KSHB-TV      | D36         | DT        | BL           | KANSAS CITY, MO           | DTVBL59444                     | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13380.9 217,614 | 13291.9 217,392 | 13169.0 216,238 | 13150.0 216,176 | 0.14 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0      | 0                 | 0                |
| KFPX36M4 D36 DT APP | 47.9     | 739               | 19.0 62          |
| WTVP D35 DT CP      | 45.9     | 211               | 17.0 115         |
| WQRF-TV D36 DT CP   | 18.9     | 203               | 12.9 175         |
| WCCU D36 DT CP      | 92.0     | 864               | 56.0 740         |
| KSHB-TV D36 DT BL   | 3.0      | 0                 | 1.0 0            |

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Interference to BLANK0000026298 CP, scenario 6

| Desired:    | Call<br>WMEC | Chan<br>D36 | Svc<br>DT | Status<br>CP | City, State<br>MACOMB, IL | File Number<br>BLANK0000026298 | Distance |
|-------------|--------------|-------------|-----------|--------------|---------------------------|--------------------------------|----------|
| Undesireds: | KFPX-TV      | D36         | DT        | BL           | NEWTON, IA                | DTVBL81509                     | 260.6 km |
|             | KFPX36M4     | D36         | DT        | APP          | NEWTON, IA                | kfp36m4                        | 288.4    |
|             | WTVP         | D35         | DT        | CP           | PEORIA, IL                | BLANK0000028050                | 101.5    |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|         |     |    |    |                    |                 |       |
|---------|-----|----|----|--------------------|-----------------|-------|
| W50CH-D | D36 | DC | CP | ALTON, IL          | BLANK0000027756 | 172.8 |
| WQRF-TV | D36 | DT | BL | ROCKFORD, IL       | DTVBL52408      | 247.1 |
| WCCU    | D36 | DT | CP | URBANA, IL         | BLANK0000027777 | 238.6 |
| KBSI    | D36 | DT | CP | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6 |
| KSHB-TV | D36 | DT | BL | KANSAS CITY, MO    | DTVBL59444      | 361.4 |

| Service area        | Terrain-limited | IX-free, before   | IX-free, after   | Percent New IX |
|---------------------|-----------------|-------------------|------------------|----------------|
| 13380.9 217,614     | 13291.9 217,392 | 13171.0 216,249   | 13152.0 216,187  | 0.14 0.03      |
| Undesired           | Total IX        | Unique IX, before | Unique IX, after |                |
| KFPX-TV D36 DT BL   | 0.0             | 0                 | 0                |                |
| KFPX36M4 D36 DT APP | 47.9            | 739               | 19.0 62          |                |
| WTVP D35 DT CP      | 45.9            | 211               | 17.0 115         |                |
| WQRF-TV D36 DT BL   | 15.9            | 192               | 10.9 164         |                |
| WCCU D36 DT CP      | 92.0            | 864               | 57.1 740         |                |
| KSHB-TV D36 DT BL   | 3.0             | 0                 | 1.0 0            |                |

Interference to BLANK0000026298 CP, scenario 7

|             |                 |             |           |                 |                           |                                |                |
|-------------|-----------------|-------------|-----------|-----------------|---------------------------|--------------------------------|----------------|
| Desired:    | Call<br>WMEC    | Chan<br>D36 | Svc<br>DT | Status<br>CP    | City, State<br>MACOMB, IL | File Number<br>BLANK0000026298 | Distance       |
| Undesireds: | KFPX-TV         | D36         | DT        | BL              | NEWTON, IA                | DTVBL81509                     | 260.6 km       |
|             | KFPX36M4        | D36         | DT        | APP             | NEWTON, IA                | kfp36m4                        | 288.4          |
|             | WTVP            | D35         | DT        | BL              | PEORIA, IL                | DTVBL28311                     | 101.5          |
|             | W50CH-D         | D36         | DC        | CP              | ALTON, IL                 | BLANK0000027756                | 172.8          |
|             | WQRF-TV         | D36         | DT        | CP              | ROCKFORD, IL              | BLANK0000027710                | 247.1          |
|             | WCCU            | D36         | DT        | CP              | URBANA, IL                | BLANK0000027777                | 238.6          |
|             | KBSI            | D36         | DT        | CP              | CAPE GIRARDEAU, MO        | BLANK0000025127                | 347.6          |
|             | KSHB-TV         | D36         | DT        | BL              | KANSAS CITY, MO           | DTVBL59444                     | 361.4          |
|             | Service area    |             |           | Terrain-limited | IX-free, before           | IX-free, after                 | Percent New IX |
|             | 13380.9 217,614 | 13291.9     |           | 217,392         | 13168.0 216,231           | 13149.0 216,169                | 0.14 0.03      |

Interference to BLANK0000026298 CP, scenario 8

|             |              |                 |           |                 |                           |                                |          |                |           |
|-------------|--------------|-----------------|-----------|-----------------|---------------------------|--------------------------------|----------|----------------|-----------|
| Desired:    | Call<br>WMEC | Chan<br>D36     | Svc<br>DT | Status<br>CP    | City, State<br>MACOMB, IL | File Number<br>BLANK0000026298 | Distance |                |           |
| Undesireds: | KFPX-TV      | D36             | DT        | BL              | NEWTON, IA                | DTVBL81509                     | 260.6 km |                |           |
|             | KFPX36M4     | D36             | DT        | APP             | NEWTON, IA                | kfp36m4                        | 288.4    |                |           |
|             | WTVP         | D35             | DT        | BL              | PEORIA, IL                | DTVBL28311                     | 101.5    |                |           |
|             | W50CH-D      | D36             | DC        | CP              | ALTON, IL                 | BLANK0000027756                | 172.8    |                |           |
|             | WQRF-TV      | D36             | DT        | BL              | ROCKFORD, IL              | DTVBL52408                     | 247.1    |                |           |
|             | WCCU         | D36             | DT        | CP              | URBANA, IL                | BLANK0000027777                | 238.6    |                |           |
|             | KBSI         | D36             | DT        | CP              | CAPE GIRARDEAU, MO        | BLANK0000025127                | 347.6    |                |           |
|             | KSHB-TV      | D36             | DT        | BL              | KANSAS CITY, MO           | DTVBL59444                     | 361.4    |                |           |
|             | Service area | Terrain-limited |           | IX-free, before |                           | IX-free, after                 |          | Percent New IX |           |
|             | 13380.9      | 217,614         | 13291.9   | 217,392         | 13170.0                   | 216,242                        | 13151.0  | 216,180        | 0.14 0.03 |

Interference to BLANK0000026298 CP, scenario 9

| Call                | Chan | Svc | Status | City, State        | File Number     | Distance |
|---------------------|------|-----|--------|--------------------|-----------------|----------|
| Desired: WMEC       | D36  | DT  | CP     | MACOMB, IL         | BLANK0000026298 |          |
| Undesireds: KFPX-TV | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
| KFPX36M4            | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
| WTVP                | D35  | DT  | CP     | PEORIA, IL         | BLANK0000028050 | 101.5    |
| W50CH-D             | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.8    |
| WQRF-TV             | D36  | DT  | CP     | ROCKFORD, IL       | BLANK0000027710 | 247.1    |
| WCCU                | D36  | DT  | BL     | URBANA, IL         | DTVBL69544      | 238.6    |
| KBSI                | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
| KSHB-TV             | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

| Service area        | Terrain-limited | IX-free, before |                   | IX-free, after   |         | Percent New IX |
|---------------------|-----------------|-----------------|-------------------|------------------|---------|----------------|
| 13380.9 217,614     | 13291.9 217,392 | 13170.0         | 216,238           | 13150.0          | 216,176 | 0.15 0.03      |
| Undesired           |                 | Total IX        | Unique IX, before | Unique IX, after |         |                |
| KFPX-TV D36 DT BL   | 0.0             | 0               | 0.0               | 0                |         |                |
| KFPX36M4 D36 DT APP | 47.9            | 739             |                   | 20.0             | 62      |                |
| WTVP D35 DT CP      | 45.9            | 211             | 17.0              | 115              | 115     |                |
| WQRF-TV D36 DT CP   | 18.9            | 203             | 12.9              | 175              | 175     |                |
| WCCU D36 DT BL      | 91.0            | 864             | 55.1              | 740              | 80      |                |
| KSHB-TV D36 DT CP   | 3.0             | 0               | 1.0               | 0                | 0       |                |

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Interference to BLANK0000026298 CP, scenario 10

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL         | BLANK0000026298 |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL         | BLANK0000028050 | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.8    |
|             | WQRF-TV  | D36  | DT  | BL     | ROCKFORD, IL       | DTVBL52408      | 247.1    |
|             | WCCU     | D36  | DT  | BL     | URBANA, IL         | DTVBL69544      | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

| Service area        | Terrain-limited | IX-free, before |                   | IX-free, after   |         | Percent New IX |
|---------------------|-----------------|-----------------|-------------------|------------------|---------|----------------|
| 13380.9 217,614     | 13291.9 217,392 | 13172.0         | 216,249           | 13152.0          | 216,187 | 0.15 0.03      |
| Undesired           |                 | Total IX        | Unique IX, before | Unique IX, after |         |                |
| KFPX-TV D36 DT BL   | 0.0             | 0               | 0.0               | 0                |         |                |
| KFPX36M4 D36 DT APP | 47.9            | 739             |                   | 20.0             | 62      |                |
| WTVP D35 DT CP      | 45.9            | 211             | 17.0              | 115              | 115     |                |
| WQRF-TV D36 DT BL   | 15.9            | 192             | 10.9              | 164              | 164     |                |
| WCCU D36 DT BL      | 91.0            | 864             | 56.1              | 740              | 80      |                |
| KSHB-TV D36 DT CP   | 3.0             | 0               | 1.0               | 0                | 0       |                |

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Interference to BLANK0000026298 CP, scenario 11

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL         | BLANK0000026298 |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | BL     | PEORIA, IL         | DTVBL28311      | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.8    |
|             | WQRF-TV  | D36  | DT  | CP     | ROCKFORD, IL       | BLANK0000027710 | 247.1    |
|             | WCCU     | D36  | DT  | BL     | URBANA, IL         | DTVBL69544      | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

| Service area        | Terrain-limited | IX-free, before |                   | IX-free, after   |         | Percent New IX |
|---------------------|-----------------|-----------------|-------------------|------------------|---------|----------------|
| 13380.9 217,614     | 13291.9 217,392 | 13169.0         | 216,231           | 13149.0          | 216,169 | 0.15 0.03      |
| Undesired           |                 | Total IX        | Unique IX, before | Unique IX, after |         |                |
| KFPX-TV D36 DT BL   | 0.0             | 0               | 0.0               | 0                |         |                |
| KFPX36M4 D36 DT APP | 47.9            | 739             |                   | 20.0             | 62      |                |
| WTVP D35 DT BL      | 46.9            | 218             | 18.0              | 122              | 122     |                |
| WQRF-TV D36 DT CP   | 18.9            | 203             | 12.9              | 175              | 175     |                |
| WCCU D36 DT BL      | 91.0            | 864             | 55.1              | 740              | 80      |                |
| KSHB-TV D36 DT CP   | 3.0             | 0               | 1.0               | 0                | 0       |                |

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Interference to BLANK0000026298 CP, scenario 12

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL         | BLANK0000026298 |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | BL     | PEORIA, IL         | DTVBL28311      | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.8    |
|             | WQRF-TV  | D36  | DT  | BL     | ROCKFORD, IL       | DTVBL52408      | 247.1    |
|             | WCCU     | D36  | DT  | BL     | URBANA, IL         | DTVBL69544      | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

| Service area        | Terrain-limited | IX-free, before |                   | IX-free, after   |         | Percent New IX |
|---------------------|-----------------|-----------------|-------------------|------------------|---------|----------------|
| 13380.9 217,614     | 13291.9 217,392 | 13171.0         | 216,242           | 13151.0          | 216,180 | 0.15 0.03      |
| Undesired           |                 | Total IX        | Unique IX, before | Unique IX, after |         |                |
| KFPX-TV D36 DT BL   | 0.0             | 0               | 0.0               | 0                |         |                |
| KFPX36M4 D36 DT APP | 47.9            | 739             |                   | 20.0             | 62      |                |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|                   |      |     |      |     |      |     |
|-------------------|------|-----|------|-----|------|-----|
| WTVP D35 DT BL    | 46.9 | 218 | 18.0 | 122 | 18.0 | 122 |
| WQRF-TV D36 DT BL | 15.9 | 192 | 10.9 | 164 | 8.9  | 164 |
| WCCU D36 DT BL    | 91.0 | 864 | 56.1 | 740 | 35.1 | 80  |
| KSHB-TV D36 DT CP | 3.0  | 0   | 1.0  | 0   | 0.0  | 0   |

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Interference to BLANK0000026298 CP, scenario 13

| Desired:     | Call     | Chan            | Svc | Status          | City, State        | File Number     | Distance       |
|--------------|----------|-----------------|-----|-----------------|--------------------|-----------------|----------------|
|              | WMEC     | D36             | DT  | CP              | MACOMB, IL         | BLANK0000026298 |                |
| Undesireds:  | KFPX-TV  | D36             | DT  | BL              | NEWTON, IA         | DTVBL81509      | 260.6 km       |
|              | KFPX36M4 | D36             | DT  | APP             | NEWTON, IA         | kfp36m4         | 288.4          |
|              | WTVP     | D35             | DT  | CP              | PEORIA, IL         | BLANK0000028050 | 101.5          |
|              | W50CH-D  | D36             | DC  | CP              | ALTON, IL          | BLANK0000027756 | 172.8          |
|              | WQRF-TV  | D36             | DT  | CP              | ROCKFORD, IL       | BLANK0000027710 | 247.1          |
|              | WCCU     | D36             | DT  | BL              | URBANA, IL         | DTVBL69544      | 238.6          |
|              | KBSI     | D36             | DT  | CP              | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6          |
|              | KSHB-TV  | D36             | DT  | BL              | KANSAS CITY, MO    | DTVBL59444      | 361.4          |
| Service area |          | Terrain-limited |     | IX-free, before |                    | IX-free, after  | Percent New IX |
| 13380.9      |          | 217,614         |     | 13291.9         |                    | 216,238         | 0.15 0.03      |

|                     |          |  |                   |  |                  |  |
|---------------------|----------|--|-------------------|--|------------------|--|
| Undesired           | Total IX |  | Unique IX, before |  | Unique IX, after |  |
| KFPX-TV D36 DT BL   | 0.0      |  | 0                 |  | 0                |  |
| KFPX36M4 D36 DT APP | 47.9     |  | 739               |  | 20.0 62          |  |
| WTVP D35 DT CP      | 45.9     |  | 211               |  | 17.0 115         |  |
| WQRF-TV D36 DT CP   | 18.9     |  | 203               |  | 12.9 175         |  |
| WCCU D36 DT BL      | 91.0     |  | 864               |  | 55.1 740         |  |
| KSHB-TV D36 DT BL   | 3.0      |  | 0                 |  | 1.0 0            |  |

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Interference to BLANK0000026298 CP, scenario 14

| Desired:     | Call     | Chan            | Svc | Status          | City, State        | File Number     | Distance       |
|--------------|----------|-----------------|-----|-----------------|--------------------|-----------------|----------------|
|              | WMEC     | D36             | DT  | CP              | MACOMB, IL         | BLANK0000026298 |                |
| Undesireds:  | KFPX-TV  | D36             | DT  | BL              | NEWTON, IA         | DTVBL81509      | 260.6 km       |
|              | KFPX36M4 | D36             | DT  | APP             | NEWTON, IA         | kfp36m4         | 288.4          |
|              | WTVP     | D35             | DT  | CP              | PEORIA, IL         | BLANK0000028050 | 101.5          |
|              | W50CH-D  | D36             | DC  | CP              | ALTON, IL          | BLANK0000027756 | 172.8          |
|              | WQRF-TV  | D36             | DT  | BL              | ROCKFORD, IL       | DTVBL52408      | 247.1          |
|              | WCCU     | D36             | DT  | BL              | URBANA, IL         | DTVBL69544      | 238.6          |
|              | KBSI     | D36             | DT  | CP              | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6          |
|              | KSHB-TV  | D36             | DT  | BL              | KANSAS CITY, MO    | DTVBL59444      | 361.4          |
| Service area |          | Terrain-limited |     | IX-free, before |                    | IX-free, after  | Percent New IX |
| 13380.9      |          | 217,614         |     | 13291.9         |                    | 216,249         | 0.15 0.03      |

|                     |          |  |                   |  |                  |  |
|---------------------|----------|--|-------------------|--|------------------|--|
| Undesired           | Total IX |  | Unique IX, before |  | Unique IX, after |  |
| KFPX-TV D36 DT BL   | 0.0      |  | 0                 |  | 0                |  |
| KFPX36M4 D36 DT APP | 47.9     |  | 739               |  | 20.0 62          |  |
| WTVP D35 DT CP      | 45.9     |  | 211               |  | 17.0 115         |  |
| WQRF-TV D36 DT BL   | 15.9     |  | 192               |  | 10.9 164         |  |
| WCCU D36 DT BL      | 91.0     |  | 864               |  | 56.1 740         |  |
| KSHB-TV D36 DT BL   | 3.0      |  | 0                 |  | 1.0 0            |  |

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Interference to BLANK0000026298 CP, scenario 15

| Desired:     | Call     | Chan            | Svc | Status          | City, State        | File Number     | Distance       |
|--------------|----------|-----------------|-----|-----------------|--------------------|-----------------|----------------|
|              | WMEC     | D36             | DT  | CP              | MACOMB, IL         | BLANK0000026298 |                |
| Undesireds:  | KFPX-TV  | D36             | DT  | BL              | NEWTON, IA         | DTVBL81509      | 260.6 km       |
|              | KFPX36M4 | D36             | DT  | APP             | NEWTON, IA         | kfp36m4         | 288.4          |
|              | WTVP     | D35             | DT  | BL              | PEORIA, IL         | DTVBL28311      | 101.5          |
|              | W50CH-D  | D36             | DC  | CP              | ALTON, IL          | BLANK0000027756 | 172.8          |
|              | WQRF-TV  | D36             | DT  | CP              | ROCKFORD, IL       | BLANK0000027710 | 247.1          |
|              | WCCU     | D36             | DT  | BL              | URBANA, IL         | DTVBL69544      | 238.6          |
|              | KBSI     | D36             | DT  | CP              | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6          |
|              | KSHB-TV  | D36             | DT  | BL              | KANSAS CITY, MO    | DTVBL59444      | 361.4          |
| Service area |          | Terrain-limited |     | IX-free, before |                    | IX-free, after  | Percent New IX |
| 13380.9      |          | 217,614         |     | 13291.9         |                    | 216,231         | 0.15 0.03      |

|                     |          |  |                   |  |                  |  |
|---------------------|----------|--|-------------------|--|------------------|--|
| Undesired           | Total IX |  | Unique IX, before |  | Unique IX, after |  |
| KFPX-TV D36 DT BL   | 0.0      |  | 0                 |  | 0                |  |
| KFPX36M4 D36 DT APP | 47.9     |  | 739               |  | 20.0 62          |  |
| WTVP D35 DT BL      | 46.9     |  | 218               |  | 18.0 122         |  |
| WQRF-TV D36 DT CP   | 18.9     |  | 203               |  | 12.9 175         |  |
| WCCU D36 DT BL      | 91.0     |  | 864               |  | 55.1 740         |  |
| KSHB-TV D36 DT BL   | 3.0      |  | 0                 |  | 1.0 0            |  |

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# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

Interference to BLANK0000026298 CP, scenario 16

| Desired:     | Call     | Chan            | Svc | Status          | City, State        | File Number     | Distance       |
|--------------|----------|-----------------|-----|-----------------|--------------------|-----------------|----------------|
|              | WMEC     | D36             | DT  | CP              | MACOMB, IL         | BLANK0000026298 |                |
| Undesireds:  | KFPX-TV  | D36             | DT  | BL              | NEWTON, IA         | DTVBL81509      | 260.6 km       |
|              | KFPX36M4 | D36             | DT  | APP             | NEWTON, IA         | kfp36m4         | 288.4          |
|              | WTVP     | D35             | DT  | BL              | PEORIA, IL         | DTVBL28311      | 101.5          |
|              | W50CH-D  | D36             | DC  | CP              | ALTON, IL          | BLANK0000027756 | 172.8          |
|              | WQRF-TV  | D36             | DT  | BL              | ROCKFORD, IL       | DTVBL52408      | 247.1          |
|              | WCCU     | D36             | DT  | BL              | URBANA, IL         | DTVBL69544      | 238.6          |
|              | KBSI     | D36             | DT  | CP              | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6          |
|              | KSHB-TV  | D36             | DT  | BL              | KANSAS CITY, MO    | DTVBL59444      | 361.4          |
| Service area |          | Terrain-limited |     | IX-free, before |                    | IX-free, after  | Percent New IX |
| 13380.9      |          | 217,614         |     | 13291.9         |                    | 216,242         | 0.15 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0      | 0                 | 0                |
| KFPX36M4 D36 DT APP | 47.9     | 739               | 20.0 62          |
| WTVP D35 DT BL      | 46.9     | 218               | 18.0 122         |
| WQRF-TV D36 DT BL   | 15.9     | 192               | 10.9 164         |
| WCCU D36 DT BL      | 91.0     | 864               | 56.1 740         |
| KSHB-TV D36 DT BL   | 3.0      | 0                 | 1.0 0            |

Interference to DTVBL70537 BL, scenario 1

| Desired:     | Call     | Chan            | Svc | Status          | City, State        | File Number     | Distance       |
|--------------|----------|-----------------|-----|-----------------|--------------------|-----------------|----------------|
|              | WMEC     | D36             | DT  | BL              | MACOMB, IL         | DTVBL70537      |                |
| Undesireds:  | KFPX-TV  | D36             | DT  | BL              | NEWTON, IA         | DTVBL81509      | 260.6 km       |
|              | KFPX36M4 | D36             | DT  | APP             | NEWTON, IA         | kfp36m4         | 288.4          |
|              | WTVP     | D35             | DT  | CP              | PEORIA, IL         | BLANK0000028050 | 101.5          |
|              | W50CH-D  | D36             | DC  | CP              | ALTON, IL          | BLANK0000027756 | 172.9          |
|              | WQRF-TV  | D36             | DT  | CP              | ROCKFORD, IL       | BLANK0000027710 | 247.1          |
|              | WCCU     | D36             | DT  | CP              | URBANA, IL         | BLANK0000027777 | 238.6          |
|              | KBSI     | D36             | DT  | CP              | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6          |
|              | KSHB-TV  | D36             | DT  | CP              | KANSAS CITY, MO    | BLANK0000026810 | 361.4          |
| Service area |          | Terrain-limited |     | IX-free, before |                    | IX-free, after  | Percent New IX |
| 13370.0      |          | 217,601         |     | 13272.9         |                    | 216,189         | 0.11 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 1.0      | 0                 | 0                |
| KFPX36M4 D36 DT APP | 42.0     | 611               | 14.0 59          |
| WTVP D35 DT CP      | 46.9     | 218               | 18.0 122         |
| WQRF-TV D36 DT CP   | 20.8     | 284               | 13.9 256         |
| WCCU D36 DT CP      | 98.0     | 758               | 62.0 636         |
| KSHB-TV D36 DT CP   | 4.0      | 0                 | 1.0 0            |

Interference to DTVBL70537 BL, scenario 2

| Desired:     | Call     | Chan            | Svc | Status          | City, State        | File Number     | Distance       |
|--------------|----------|-----------------|-----|-----------------|--------------------|-----------------|----------------|
|              | WMEC     | D36             | DT  | BL              | MACOMB, IL         | DTVBL70537      |                |
| Undesireds:  | KFPX-TV  | D36             | DT  | BL              | NEWTON, IA         | DTVBL81509      | 260.6 km       |
|              | KFPX36M4 | D36             | DT  | APP             | NEWTON, IA         | kfp36m4         | 288.4          |
|              | WTVP     | D35             | DT  | CP              | PEORIA, IL         | BLANK0000028050 | 101.5          |
|              | W50CH-D  | D36             | DC  | CP              | ALTON, IL          | BLANK0000027756 | 172.9          |
|              | WQRF-TV  | D36             | DT  | BL              | ROCKFORD, IL       | DTVBL52408      | 247.1          |
|              | WCCU     | D36             | DT  | CP              | URBANA, IL         | BLANK0000027777 | 238.6          |
|              | KBSI     | D36             | DT  | CP              | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6          |
|              | KSHB-TV  | D36             | DT  | CP              | KANSAS CITY, MO    | BLANK0000026810 | 361.4          |
| Service area |          | Terrain-limited |     | IX-free, before |                    | IX-free, after  | Percent New IX |
| 13370.0      |          | 217,601         |     | 13272.9         |                    | 216,195         | 0.11 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 1.0      | 0                 | 0                |
| KFPX36M4 D36 DT APP | 42.0     | 611               | 14.0 59          |
| WTVP D35 DT CP      | 46.9     | 218               | 18.0 122         |
| WQRF-TV D36 DT BL   | 16.9     | 278               | 11.9 250         |
| WCCU D36 DT CP      | 98.0     | 758               | 63.0 636         |
| KSHB-TV D36 DT CP   | 4.0      | 0                 | 2.0 0            |

Interference to DTVBL70537 BL, scenario 3

| Desired:    | Call    | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|-------------|-------------|----------|
|             | WMEC    | D36  | DT  | BL     | MACOMB, IL  | DTVBL70537  |          |
| Undesireds: | KFPX-TV | D36  | DT  | BL     | NEWTON, IA  | DTVBL81509  | 260.6 km |



# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|          |     |    |     |                    |                 |       |
|----------|-----|----|-----|--------------------|-----------------|-------|
| KFPX36M4 | D36 | DT | APP | NEWTON, IA         | kfp36m4         | 288.4 |
| WTVP     | D35 | DT | BL  | PEORIA, IL         | DTVBL28311      | 101.5 |
| W50CH-D  | D36 | DC | CP  | ALTON, IL          | BLANK0000027756 | 172.9 |
| WQRF-TV  | D36 | DT | CP  | ROCKFORD, IL       | BLANK0000027710 | 247.1 |
| WCCU     | D36 | DT | CP  | URBANA, IL         | BLANK0000027777 | 238.6 |
| KBSI     | D36 | DT | CP  | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6 |
| KSHB-TV  | D36 | DT | CP  | KANSAS CITY, MO    | BLANK0000026810 | 361.4 |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13370.0 217,601 | 13272.9 217,325 | 13141.0 216,189 | 13127.1 216,130 | 0.11 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 1.0 0    | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 42.0 611 |                   | 14.0 59          |
| WTVP D35 DT BL      | 46.9 218 | 18.0 122          | 18.0 122         |
| WQRF-TV D36 DT CP   | 20.8 284 | 13.9 256          | 11.9 256         |
| WCCU D36 DT CP      | 98.0 758 | 62.0 636          | 43.1 99          |
| KSHB-TV D36 DT CP   | 4.0 0    | 1.0 0             | 0.0 0            |

## Interference to DTVBL70537 BL, scenario 4

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | BL     | MACOMB, IL         | DTVBL70537      |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | BL     | PEORIA, IL         | DTVBL28311      | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.9    |
|             | WQRF-TV  | D36  | DT  | BL     | ROCKFORD, IL       | DTVBL52408      | 247.1    |
|             | WCCU     | D36  | DT  | CP     | URBANA, IL         | BLANK0000027777 | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13370.0 217,601 | 13272.9 217,325 | 13143.0 216,195 | 13129.0 216,136 | 0.11 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 1.0 0    | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 42.0 611 |                   | 14.0 59          |
| WTVP D35 DT BL      | 46.9 218 | 18.0 122          | 18.0 122         |
| WQRF-TV D36 DT BL   | 16.9 278 | 11.9 250          | 9.9 250          |
| WCCU D36 DT CP      | 98.0 758 | 63.0 636          | 44.1 99          |
| KSHB-TV D36 DT CP   | 4.0 0    | 2.0 0             | 0.0 0            |

## Interference to DTVBL70537 BL, scenario 5

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | BL     | MACOMB, IL         | DTVBL70537      |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL         | BLANK0000028050 | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.9    |
|             | WQRF-TV  | D36  | DT  | CP     | ROCKFORD, IL       | BLANK0000027710 | 247.1    |
|             | WCCU     | D36  | DT  | CP     | URBANA, IL         | BLANK0000027777 | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36  | DT  | BL     | KANSAS CITY, MO    | DTVBL59444      | 361.4    |

| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
|-----------------|-----------------|-----------------|-----------------|----------------|
| 13370.0 217,601 | 13272.9 217,325 | 13141.0 216,189 | 13127.1 216,130 | 0.11 0.03      |

| Undesired           | Total IX | Unique IX, before | Unique IX, after |
|---------------------|----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 1.0 0    | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 42.0 611 |                   | 14.0 59          |
| WTVP D35 DT CP      | 46.9 218 | 18.0 122          | 18.0 122         |
| WQRF-TV D36 DT CP   | 20.8 284 | 13.9 256          | 11.9 256         |
| WCCU D36 DT CP      | 98.0 758 | 62.0 636          | 43.1 99          |
| KSHB-TV D36 DT BL   | 4.0 0    | 1.0 0             | 0.0 0            |

## Interference to DTVBL70537 BL, scenario 6

| Desired:    | Call     | Chan | Svc | Status | City, State        | File Number     | Distance |
|-------------|----------|------|-----|--------|--------------------|-----------------|----------|
|             | WMEC     | D36  | DT  | BL     | MACOMB, IL         | DTVBL70537      |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35  | DT  | CP     | PEORIA, IL         | BLANK0000028050 | 101.5    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL          | BLANK0000027756 | 172.9    |
|             | WQRF-TV  | D36  | DT  | BL     | ROCKFORD, IL       | DTVBL52408      | 247.1    |
|             | WCCU     | D36  | DT  | CP     | URBANA, IL         | BLANK0000027777 | 238.6    |
|             | KBSI     | D36  | DT  | CP     | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|                     |                 |         |                   |                 |                  |            |         |           |
|---------------------|-----------------|---------|-------------------|-----------------|------------------|------------|---------|-----------|
| KSHB-TV             | D36             | DT      | BL                | KANSAS CITY, MO |                  | DTVBL59444 | 361.4   |           |
| Service area        | Terrain-limited |         | IX-free, before   |                 | IX-free, after   |            | Percent | New IX    |
| 13370.0             | 217,601         | 13272.9 | 217,325           | 13143.0         | 216,195          | 13129.0    | 216,136 | 0.11 0.03 |
| Undesired           | Total IX        |         | Unique IX, before |                 | Unique IX, after |            |         |           |
| KFPX-TV D36 DT BL   | 1.0             | 0       | 0.0               | 0               |                  |            |         |           |
| KFPX36M4 D36 DT APP | 42.0            | 611     |                   |                 | 14.0             | 59         |         |           |
| WTVP D35 DT CP      | 46.9            | 218     | 18.0              | 122             | 18.0             | 122        |         |           |
| WQRF-TV D36 DT BL   | 16.9            | 278     | 11.9              | 250             | 9.9              | 250        |         |           |
| WCCU D36 DT CP      | 98.0            | 758     | 63.0              | 636             | 44.1             | 99         |         |           |
| KSHB-TV D36 DT BL   | 4.0             | 0       | 2.0               | 0               | 0.0              | 0          |         |           |

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Interference to DTVBL70537 BL, scenario 7

|                     |                 |         |                   |         |                    |                 |          |           |
|---------------------|-----------------|---------|-------------------|---------|--------------------|-----------------|----------|-----------|
| Desired:            | Call            | Chan    | Svc               | Status  | City, State        | File Number     | Distance |           |
|                     | WMEC            | D36     | DT                | BL      | MACOMB, IL         | DTVBL70537      |          |           |
| Undesireds:         | KFPX-TV         | D36     | DT                | BL      | NEWTON, IA         | DTVBL81509      | 260.6 km |           |
|                     | KFPX36M4        | D36     | DT                | APP     | NEWTON, IA         | kfp36m4         | 288.4    |           |
|                     | WTVP            | D35     | DT                | BL      | PEORIA, IL         | DTVBL28311      | 101.5    |           |
|                     | W50CH-D         | D36     | DC                | CP      | ALTON, IL          | BLANK0000027756 | 172.9    |           |
|                     | WQRF-TV         | D36     | DT                | CP      | ROCKFORD, IL       | BLANK0000027710 | 247.1    |           |
|                     | WCCU            | D36     | DT                | CP      | URBANA, IL         | BLANK0000027777 | 238.6    |           |
|                     | KBSI            | D36     | DT                | CP      | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |           |
|                     | KSHB-TV         | D36     | DT                | BL      | KANSAS CITY, MO    | DTVBL59444      | 361.4    |           |
| Service area        | Terrain-limited |         | IX-free, before   |         | IX-free, after     |                 | Percent  | New IX    |
| 13370.0             | 217,601         | 13272.9 | 217,325           | 13141.0 | 216,189            | 13127.1         | 216,130  | 0.11 0.03 |
| Undesired           | Total IX        |         | Unique IX, before |         | Unique IX, after   |                 |          |           |
| KFPX-TV D36 DT BL   | 1.0             | 0       | 0.0               | 0       |                    |                 |          |           |
| KFPX36M4 D36 DT APP | 42.0            | 611     |                   |         | 14.0               | 59              |          |           |
| WTVP D35 DT BL      | 46.9            | 218     | 18.0              | 122     | 18.0               | 122             |          |           |
| WQRF-TV D36 DT CP   | 20.8            | 284     | 13.9              | 256     | 11.9               | 256             |          |           |
| WCCU D36 DT CP      | 98.0            | 758     | 62.0              | 636     | 43.1               | 99              |          |           |
| KSHB-TV D36 DT BL   | 4.0             | 0       | 1.0               | 0       | 0.0                | 0               |          |           |

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Interference to DTVBL70537 BL, scenario 8

|                     |                 |         |                   |         |                    |                 |          |           |
|---------------------|-----------------|---------|-------------------|---------|--------------------|-----------------|----------|-----------|
| Desired:            | Call            | Chan    | Svc               | Status  | City, State        | File Number     | Distance |           |
|                     | WMEC            | D36     | DT                | BL      | MACOMB, IL         | DTVBL70537      |          |           |
| Undesireds:         | KFPX-TV         | D36     | DT                | BL      | NEWTON, IA         | DTVBL81509      | 260.6 km |           |
|                     | KFPX36M4        | D36     | DT                | APP     | NEWTON, IA         | kfp36m4         | 288.4    |           |
|                     | WTVP            | D35     | DT                | BL      | PEORIA, IL         | DTVBL28311      | 101.5    |           |
|                     | W50CH-D         | D36     | DC                | CP      | ALTON, IL          | BLANK0000027756 | 172.9    |           |
|                     | WQRF-TV         | D36     | DT                | BL      | ROCKFORD, IL       | DTVBL52408      | 247.1    |           |
|                     | WCCU            | D36     | DT                | CP      | URBANA, IL         | BLANK0000027777 | 238.6    |           |
|                     | KBSI            | D36     | DT                | CP      | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |           |
|                     | KSHB-TV         | D36     | DT                | BL      | KANSAS CITY, MO    | DTVBL59444      | 361.4    |           |
| Service area        | Terrain-limited |         | IX-free, before   |         | IX-free, after     |                 | Percent  | New IX    |
| 13370.0             | 217,601         | 13272.9 | 217,325           | 13143.0 | 216,195            | 13129.0         | 216,136  | 0.11 0.03 |
| Undesired           | Total IX        |         | Unique IX, before |         | Unique IX, after   |                 |          |           |
| KFPX-TV D36 DT BL   | 1.0             | 0       | 0.0               | 0       |                    |                 |          |           |
| KFPX36M4 D36 DT APP | 42.0            | 611     |                   |         | 14.0               | 59              |          |           |
| WTVP D35 DT BL      | 46.9            | 218     | 18.0              | 122     | 18.0               | 122             |          |           |
| WQRF-TV D36 DT BL   | 16.9            | 278     | 11.9              | 250     | 9.9                | 250             |          |           |
| WCCU D36 DT CP      | 98.0            | 758     | 63.0              | 636     | 44.1               | 99              |          |           |
| KSHB-TV D36 DT BL   | 4.0             | 0       | 2.0               | 0       | 0.0                | 0               |          |           |

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Interference to DTVBL70537 BL, scenario 9

|              |                 |         |                   |         |                    |                 |          |           |
|--------------|-----------------|---------|-------------------|---------|--------------------|-----------------|----------|-----------|
| Desired:     | Call            | Chan    | Svc               | Status  | City, State        | File Number     | Distance |           |
|              | WMEC            | D36     | DT                | BL      | MACOMB, IL         | DTVBL70537      |          |           |
| Undesireds:  | KFPX-TV         | D36     | DT                | BL      | NEWTON, IA         | DTVBL81509      | 260.6 km |           |
|              | KFPX36M4        | D36     | DT                | APP     | NEWTON, IA         | kfp36m4         | 288.4    |           |
|              | WTVP            | D35     | DT                | CP      | PEORIA, IL         | BLANK0000028050 | 101.5    |           |
|              | W50CH-D         | D36     | DC                | CP      | ALTON, IL          | BLANK0000027756 | 172.9    |           |
|              | WQRF-TV         | D36     | DT                | CP      | ROCKFORD, IL       | BLANK0000027710 | 247.1    |           |
|              | WCCU            | D36     | DT                | BL      | URBANA, IL         | DTVBL69544      | 238.6    |           |
|              | KBSI            | D36     | DT                | CP      | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |           |
|              | KSHB-TV         | D36     | DT                | CP      | KANSAS CITY, MO    | BLANK0000026810 | 361.4    |           |
| Service area | Terrain-limited |         | IX-free, before   |         | IX-free, after     |                 | Percent  | New IX    |
| 13370.0      | 217,601         | 13272.9 | 217,325           | 13141.0 | 216,189            | 13127.1         | 216,130  | 0.11 0.03 |
| Undesired    | Total IX        |         | Unique IX, before |         | Unique IX, after   |                 |          |           |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|                     |      |     |      |     |      |     |
|---------------------|------|-----|------|-----|------|-----|
| KFPX-TV D36 DT BL   | 1.0  | 0   | 0.0  | 0   |      |     |
| KFPX36M4 D36 DT APP | 42.0 | 611 |      |     | 14.0 | 59  |
| WTVP D35 DT CP      | 46.9 | 218 | 18.0 | 122 | 18.0 | 122 |
| WQRF-TV D36 DT CP   | 20.8 | 284 | 13.9 | 256 | 11.9 | 256 |
| WCCU D36 DT BL      | 98.0 | 758 | 62.0 | 636 | 43.1 | 99  |
| KSHB-TV D36 DT CP   | 4.0  | 0   | 1.0  | 0   | 0.0  | 0   |

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Interference to DTVBL70537 BL, scenario 10

| Desired:    | Call         | Chan    | Svc             | Status  | City, State        | File Number     | Distance                  |
|-------------|--------------|---------|-----------------|---------|--------------------|-----------------|---------------------------|
|             | WMEC         | D36     | DT              | BL      | MACOMB, IL         | DTVBL70537      |                           |
| Undesireds: | KFPX-TV      | D36     | DT              | BL      | NEWTON, IA         | DTVBL81509      | 260.6 km                  |
|             | KFPX36M4     | D36     | DT              | APP     | NEWTON, IA         | kfp36m4         | 288.4                     |
|             | WTVP         | D35     | DT              | CP      | PEORIA, IL         | BLANK0000028050 | 101.5                     |
|             | W50CH-D      | D36     | DC              | CP      | ALTON, IL          | BLANK0000027756 | 172.9                     |
|             | WQRF-TV      | D36     | DT              | BL      | ROCKFORD, IL       | DTVBL52408      | 247.1                     |
|             | WCCU         | D36     | DT              | BL      | URBANA, IL         | DTVBL69544      | 238.6                     |
|             | KBSI         | D36     | DT              | CP      | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6                     |
|             | KSHB-TV      | D36     | DT              | CP      | KANSAS CITY, MO    | BLANK0000026810 | 361.4                     |
| -----       |              |         |                 |         |                    |                 |                           |
|             | Service area |         | Terrain-limited |         | IX-free, before    | IX-free, after  | Percent New IX            |
|             | 13370.0      | 217,601 | 13272.9         | 217,325 | 13143.0            | 216,195         | 13129.0 216,136 0.11 0.03 |

|                     |      |  |          |                   |                  |
|---------------------|------|--|----------|-------------------|------------------|
| Undesired           |      |  | Total IX | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 1.0  |  | 0        | 0.0               | 0                |
| KFPX36M4 D36 DT APP | 42.0 |  | 611      |                   | 14.0 59          |
| WTVP D35 DT CP      | 46.9 |  | 218      | 18.0              | 122              |
| WQRF-TV D36 DT BL   | 16.9 |  | 278      | 11.9              | 250              |
| WCCU D36 DT BL      | 98.0 |  | 758      | 63.0              | 636              |
| KSHB-TV D36 DT CP   | 4.0  |  | 0        | 2.0               | 0                |

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Interference to DTVBL70537 BL, scenario 11

| Desired:    | Call         | Chan    | Svc             | Status  | City, State        | File Number     | Distance                  |
|-------------|--------------|---------|-----------------|---------|--------------------|-----------------|---------------------------|
|             | WMEC         | D36     | DT              | BL      | MACOMB, IL         | DTVBL70537      |                           |
| Undesireds: | KFPX-TV      | D36     | DT              | BL      | NEWTON, IA         | DTVBL81509      | 260.6 km                  |
|             | KFPX36M4     | D36     | DT              | APP     | NEWTON, IA         | kfp36m4         | 288.4                     |
|             | WTVP         | D35     | DT              | BL      | PEORIA, IL         | DTVBL28311      | 101.5                     |
|             | W50CH-D      | D36     | DC              | CP      | ALTON, IL          | BLANK0000027756 | 172.9                     |
|             | WQRF-TV      | D36     | DT              | CP      | ROCKFORD, IL       | BLANK0000027710 | 247.1                     |
|             | WCCU         | D36     | DT              | BL      | URBANA, IL         | DTVBL69544      | 238.6                     |
|             | KBSI         | D36     | DT              | CP      | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6                     |
|             | KSHB-TV      | D36     | DT              | CP      | KANSAS CITY, MO    | BLANK0000026810 | 361.4                     |
| -----       |              |         |                 |         |                    |                 |                           |
|             | Service area |         | Terrain-limited |         | IX-free, before    | IX-free, after  | Percent New IX            |
|             | 13370.0      | 217,601 | 13272.9         | 217,325 | 13141.0            | 216,189         | 13127.1 216,130 0.11 0.03 |

|                     |      |  |          |                   |                  |
|---------------------|------|--|----------|-------------------|------------------|
| Undesired           |      |  | Total IX | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 1.0  |  | 0        | 0.0               | 0                |
| KFPX36M4 D36 DT APP | 42.0 |  | 611      |                   | 14.0 59          |
| WTVP D35 DT BL      | 46.9 |  | 218      | 18.0              | 122              |
| WQRF-TV D36 DT CP   | 20.8 |  | 284      | 13.9              | 256              |
| WCCU D36 DT BL      | 98.0 |  | 758      | 62.0              | 636              |
| KSHB-TV D36 DT CP   | 4.0  |  | 0        | 1.0               | 0                |

-----  
Interference to DTVBL70537 BL, scenario 12

| Desired:    | Call         | Chan    | Svc             | Status  | City, State        | File Number     | Distance                  |
|-------------|--------------|---------|-----------------|---------|--------------------|-----------------|---------------------------|
|             | WMEC         | D36     | DT              | BL      | MACOMB, IL         | DTVBL70537      |                           |
| Undesireds: | KFPX-TV      | D36     | DT              | BL      | NEWTON, IA         | DTVBL81509      | 260.6 km                  |
|             | KFPX36M4     | D36     | DT              | APP     | NEWTON, IA         | kfp36m4         | 288.4                     |
|             | WTVP         | D35     | DT              | BL      | PEORIA, IL         | DTVBL28311      | 101.5                     |
|             | W50CH-D      | D36     | DC              | CP      | ALTON, IL          | BLANK0000027756 | 172.9                     |
|             | WQRF-TV      | D36     | DT              | BL      | ROCKFORD, IL       | DTVBL52408      | 247.1                     |
|             | WCCU         | D36     | DT              | BL      | URBANA, IL         | DTVBL69544      | 238.6                     |
|             | KBSI         | D36     | DT              | CP      | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6                     |
|             | KSHB-TV      | D36     | DT              | CP      | KANSAS CITY, MO    | BLANK0000026810 | 361.4                     |
| -----       |              |         |                 |         |                    |                 |                           |
|             | Service area |         | Terrain-limited |         | IX-free, before    | IX-free, after  | Percent New IX            |
|             | 13370.0      | 217,601 | 13272.9         | 217,325 | 13143.0            | 216,195         | 13129.0 216,136 0.11 0.03 |

|                     |      |  |          |                   |                  |
|---------------------|------|--|----------|-------------------|------------------|
| Undesired           |      |  | Total IX | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL   | 1.0  |  | 0        | 0.0               | 0                |
| KFPX36M4 D36 DT APP | 42.0 |  | 611      |                   | 14.0 59          |
| WTVP D35 DT BL      | 46.9 |  | 218      | 18.0              | 122              |
| WQRF-TV D36 DT BL   | 16.9 |  | 278      | 11.9              | 250              |
| WCCU D36 DT BL      | 98.0 |  | 758      | 63.0              | 636              |
| KSHB-TV D36 DT CP   | 4.0  |  | 0        | 2.0               | 0                |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

## ----- Interference to DTVBL70537 BL, scenario 13

| Desired:            | Call<br>WMEC | Chan<br>D36     | Svc<br>DT | Status<br>BL      | City, State<br>MACOMB, IL | File Number<br>DTVBL70537 | Distance       |
|---------------------|--------------|-----------------|-----------|-------------------|---------------------------|---------------------------|----------------|
| Undesireds:         | KFPX-TV      | D36             | DT        | BL                | NEWTON, IA                | DTVBL81509                | 260.6 km       |
|                     | KFPX36M4     | D36             | DT        | APP               | NEWTON, IA                | kfp36m4                   | 288.4          |
|                     | WTVP         | D35             | DT        | CP                | PEORIA, IL                | BLANK0000028050           | 101.5          |
|                     | W50CH-D      | D36             | DC        | CP                | ALTON, IL                 | BLANK0000027756           | 172.9          |
|                     | WQRF-TV      | D36             | DT        | CP                | ROCKFORD, IL              | BLANK0000027710           | 247.1          |
|                     | WCCU         | D36             | DT        | BL                | URBANA, IL                | DTVBL69544                | 238.6          |
|                     | KBSI         | D36             | DT        | CP                | CAPE GIRARDEAU, MO        | BLANK0000025127           | 347.6          |
|                     | KSHB-TV      | D36             | DT        | BL                | KANSAS CITY, MO           | DTVBL59444                | 361.4          |
| Service area        |              | Terrain-limited |           | IX-free, before   |                           | IX-free, after            | Percent New IX |
| 13370.0             |              | 217,601         |           | 13272.9           |                           | 217,325                   | 0.11 0.03      |
|                     |              |                 |           | 13141.0           |                           | 216,189                   |                |
|                     |              |                 |           | 13127.1           |                           | 216,130                   |                |
| Undesired           |              | Total IX        |           | Unique IX, before |                           | Unique IX, after          |                |
| KFPX-TV D36 DT BL   |              | 1.0             |           | 0                 |                           | 0                         |                |
| KFPX36M4 D36 DT APP |              | 42.0            |           | 611               |                           | 14.0                      | 59             |
| WTVP D35 DT CP      |              | 46.9            |           | 218               |                           | 18.0                      | 122            |
| WQRF-TV D36 DT CP   |              | 20.8            |           | 284               |                           | 11.9                      | 256            |
| WCCU D36 DT BL      |              | 98.0            |           | 758               |                           | 43.1                      | 99             |
| KSHB-TV D36 DT BL   |              | 4.0             |           | 0                 |                           | 0.0                       | 0              |

## ----- Interference to DTVBL70537 BL, scenario 14

| Desired:            | Call<br>WMEC | Chan<br>D36     | Svc<br>DT | Status<br>BL      | City, State<br>MACOMB, IL | File Number<br>DTVBL70537 | Distance       |
|---------------------|--------------|-----------------|-----------|-------------------|---------------------------|---------------------------|----------------|
| Undesireds:         | KFPX-TV      | D36             | DT        | BL                | NEWTON, IA                | DTVBL81509                | 260.6 km       |
|                     | KFPX36M4     | D36             | DT        | APP               | NEWTON, IA                | kfp36m4                   | 288.4          |
|                     | WTVP         | D35             | DT        | CP                | PEORIA, IL                | BLANK0000028050           | 101.5          |
|                     | W50CH-D      | D36             | DC        | CP                | ALTON, IL                 | BLANK0000027756           | 172.9          |
|                     | WQRF-TV      | D36             | DT        | BL                | ROCKFORD, IL              | DTVBL52408                | 247.1          |
|                     | WCCU         | D36             | DT        | BL                | URBANA, IL                | DTVBL69544                | 238.6          |
|                     | KBSI         | D36             | DT        | CP                | CAPE GIRARDEAU, MO        | BLANK0000025127           | 347.6          |
|                     | KSHB-TV      | D36             | DT        | BL                | KANSAS CITY, MO           | DTVBL59444                | 361.4          |
| Service area        |              | Terrain-limited |           | IX-free, before   |                           | IX-free, after            | Percent New IX |
| 13370.0             |              | 217,601         |           | 13272.9           |                           | 217,325                   | 0.11 0.03      |
|                     |              |                 |           | 13143.0           |                           | 216,195                   |                |
|                     |              |                 |           | 13129.0           |                           | 216,136                   |                |
| Undesired           |              | Total IX        |           | Unique IX, before |                           | Unique IX, after          |                |
| KFPX-TV D36 DT BL   |              | 1.0             |           | 0                 |                           | 0                         |                |
| KFPX36M4 D36 DT APP |              | 42.0            |           | 611               |                           | 14.0                      | 59             |
| WTVP D35 DT CP      |              | 46.9            |           | 218               |                           | 18.0                      | 122            |
| WQRF-TV D36 DT BL   |              | 16.9            |           | 278               |                           | 9.9                       | 250            |
| WCCU D36 DT BL      |              | 98.0            |           | 758               |                           | 44.1                      | 99             |
| KSHB-TV D36 DT BL   |              | 4.0             |           | 0                 |                           | 0.0                       | 0              |

## ----- Interference to DTVBL70537 BL, scenario 15

| Desired:            | Call<br>WMEC | Chan<br>D36     | Svc<br>DT | Status<br>BL      | City, State<br>MACOMB, IL | File Number<br>DTVBL70537 | Distance       |
|---------------------|--------------|-----------------|-----------|-------------------|---------------------------|---------------------------|----------------|
| Undesireds:         | KFPX-TV      | D36             | DT        | BL                | NEWTON, IA                | DTVBL81509                | 260.6 km       |
|                     | KFPX36M4     | D36             | DT        | APP               | NEWTON, IA                | kfp36m4                   | 288.4          |
|                     | WTVP         | D35             | DT        | BL                | PEORIA, IL                | DTVBL28311                | 101.5          |
|                     | W50CH-D      | D36             | DC        | CP                | ALTON, IL                 | BLANK0000027756           | 172.9          |
|                     | WQRF-TV      | D36             | DT        | CP                | ROCKFORD, IL              | BLANK0000027710           | 247.1          |
|                     | WCCU         | D36             | DT        | BL                | URBANA, IL                | DTVBL69544                | 238.6          |
|                     | KBSI         | D36             | DT        | CP                | CAPE GIRARDEAU, MO        | BLANK0000025127           | 347.6          |
|                     | KSHB-TV      | D36             | DT        | BL                | KANSAS CITY, MO           | DTVBL59444                | 361.4          |
| Service area        |              | Terrain-limited |           | IX-free, before   |                           | IX-free, after            | Percent New IX |
| 13370.0             |              | 217,601         |           | 13272.9           |                           | 217,325                   | 0.11 0.03      |
|                     |              |                 |           | 13141.0           |                           | 216,189                   |                |
|                     |              |                 |           | 13127.1           |                           | 216,130                   |                |
| Undesired           |              | Total IX        |           | Unique IX, before |                           | Unique IX, after          |                |
| KFPX-TV D36 DT BL   |              | 1.0             |           | 0                 |                           | 0                         |                |
| KFPX36M4 D36 DT APP |              | 42.0            |           | 611               |                           | 14.0                      | 59             |
| WTVP D35 DT BL      |              | 46.9            |           | 218               |                           | 18.0                      | 122            |
| WQRF-TV D36 DT CP   |              | 20.8            |           | 284               |                           | 11.9                      | 256            |
| WCCU D36 DT BL      |              | 98.0            |           | 758               |                           | 43.1                      | 99             |
| KSHB-TV D36 DT BL   |              | 4.0             |           | 0                 |                           | 0.0                       | 0              |

## ----- Interference to DTVBL70537 BL, scenario 16

| Desired: | Call<br>WMEC | Chan<br>D36 | Svc<br>DT | Status<br>BL | City, State<br>MACOMB, IL | File Number<br>DTVBL70537 | Distance |
|----------|--------------|-------------|-----------|--------------|---------------------------|---------------------------|----------|
|----------|--------------|-------------|-----------|--------------|---------------------------|---------------------------|----------|

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|             |          |     |    |     |                    |                 |          |
|-------------|----------|-----|----|-----|--------------------|-----------------|----------|
| Undesireds: | KFPX-TV  | D36 | DT | BL  | NEWTON, IA         | DTVBL81509      | 260.6 km |
|             | KFPX36M4 | D36 | DT | APP | NEWTON, IA         | kfp36m4         | 288.4    |
|             | WTVP     | D35 | DT | BL  | PEORIA, IL         | DTVBL28311      | 101.5    |
|             | W50CH-D  | D36 | DC | CP  | ALTON, IL          | BLANK0000027756 | 172.9    |
|             | WQRF-TV  | D36 | DT | BL  | ROCKFORD, IL       | DTVBL52408      | 247.1    |
|             | WCCU     | D36 | DT | BL  | URBANA, IL         | DTVBL69544      | 238.6    |
|             | KBSI     | D36 | DT | CP  | CAPE GIRARDEAU, MO | BLANK0000025127 | 347.6    |
|             | KSHB-TV  | D36 | DT | BL  | KANSAS CITY, MO    | DTVBL59444      | 361.4    |

|                 |                 |                 |                 |                |
|-----------------|-----------------|-----------------|-----------------|----------------|
| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
| 13370.0 217,601 | 13272.9 217,325 | 13143.0 216,195 | 13129.0 216,136 | 0.11 0.03      |

|                          |          |                   |                  |
|--------------------------|----------|-------------------|------------------|
| Undesired                | Total IX | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL 1.0    | 0        | 0.0               | 0                |
| KFPX36M4 D36 DT APP 42.0 | 611      |                   | 14.0 59          |
| WTVP D35 DT BL 46.9      | 218      | 18.0 122          | 18.0 122         |
| WQRF-TV D36 DT BL 16.9   | 278      | 11.9 250          | 9.9 250          |
| WCCU D36 DT BL 98.0      | 758      | 63.0 636          | 44.1 99          |
| KSHB-TV D36 DT BL 4.0    | 0        | 2.0 0             | 0.0 0            |

## Interference to BLCDT20091110AAF LIC, scenario 1

|             |          |      |     |        |                |                  |          |
|-------------|----------|------|-----|--------|----------------|------------------|----------|
| Desired:    | Call     | Chan | Svc | Status | City, State    | File Number      | Distance |
|             | KAAL     | D36  | DT  | LIC    | AUSTIN, MN     | BLCDT20091110AAF |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA     | DTVBL81509       | 210.3 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA     | kfp36m4          | 222.5    |
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA   | BLEDT20050218ABQ | 157.1    |
|             | KSTP-TV  | D35  | DT  | LIC    | ST. PAUL, MN   | BLCDT20090622ABR | 165.1    |
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL     | BLANK0000026298  | 389.9    |
|             | WQRF-TV  | D36  | DT  | CP     | ROCKFORD, IL   | BLANK0000027710  | 311.7    |
|             | WACY-TV  | D36  | DT  | CP     | APPLETON, WI   | BLANK0000026771  | 372.1    |
|             | WMKE-CD  | D36  | DC  | CP     | MILWAUKEE, WI  | BLANK0000028254  | 378.4    |
|             | WLEF-TV  | D36  | DT  | LIC    | PARK FALLS, WI | BLEDT20110323ABO | 311.6    |

|                 |                 |                 |                 |                |
|-----------------|-----------------|-----------------|-----------------|----------------|
| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
| 29033.7 589,892 | 28272.5 560,646 | 28078.7 557,590 | 28061.6 557,527 | 0.06 0.01      |

|                          |          |                   |                  |
|--------------------------|----------|-------------------|------------------|
| Undesired                | Total IX | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL 4.0    | 20       | 2.0 3             |                  |
| KFPX36M4 D36 DT APP 24.2 | 90       |                   | 19.1 66          |
| KRIN D35 DT LIC 73.5     | 2,233    | 71.5 1,901        | 70.5 1,900       |
| KSTP-TV D35 DT LIC 86.2  | 677      | 75.2 637          | 75.2 637         |
| WQRF-TV D36 DT CP 20.1   | 362      | 17.0 31           | 15.0 25          |
| WLEF-TV D36 DT LIC 25.1  | 144      | 13.1 104          | 13.1 104         |

## Interference to BLCDT20091110AAF LIC, scenario 2

|             |          |      |     |        |                |                  |          |
|-------------|----------|------|-----|--------|----------------|------------------|----------|
| Desired:    | Call     | Chan | Svc | Status | City, State    | File Number      | Distance |
|             | KAAL     | D36  | DT  | LIC    | AUSTIN, MN     | BLCDT20091110AAF |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA     | DTVBL81509       | 210.3 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA     | kfp36m4          | 222.5    |
|             | KRIN     | D35  | DT  | LIC    | WATERLOO, IA   | BLEDT20050218ABQ | 157.1    |
|             | KSTP-TV  | D35  | DT  | LIC    | ST. PAUL, MN   | BLCDT20090622ABR | 165.1    |
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL     | BLANK0000026298  | 389.9    |
|             | WQRF-TV  | D36  | DT  | BL     | ROCKFORD, IL   | DTVBL52408       | 311.7    |
|             | WACY-TV  | D36  | DT  | CP     | APPLETON, WI   | BLANK0000026771  | 372.1    |
|             | WMKE-CD  | D36  | DC  | CP     | MILWAUKEE, WI  | BLANK0000028254  | 378.4    |
|             | WLEF-TV  | D36  | DT  | LIC    | PARK FALLS, WI | BLEDT20110323ABO | 311.6    |

|                 |                 |                 |                 |                |
|-----------------|-----------------|-----------------|-----------------|----------------|
| Service area    | Terrain-limited | IX-free, before | IX-free, after  | Percent New IX |
| 29033.7 589,892 | 28272.5 560,646 | 28082.7 557,596 | 28065.6 557,533 | 0.06 0.01      |

|                          |          |                   |                  |
|--------------------------|----------|-------------------|------------------|
| Undesired                | Total IX | Unique IX, before | Unique IX, after |
| KFPX-TV D36 DT BL 4.0    | 20       | 2.0 3             |                  |
| KFPX36M4 D36 DT APP 24.2 | 90       |                   | 19.1 66          |
| KRIN D35 DT LIC 73.5     | 2,233    | 71.5 1,901        | 70.5 1,900       |
| KSTP-TV D35 DT LIC 86.2  | 677      | 75.2 637          | 75.2 637         |
| WQRF-TV D36 DT BL 16.1   | 356      | 13.0 25           | 11.0 19          |
| WLEF-TV D36 DT LIC 25.1  | 144      | 13.1 104          | 13.1 104         |

## Interference to BLANK0000026810 CP, scenario 1

|             |          |      |     |        |                 |                 |          |
|-------------|----------|------|-----|--------|-----------------|-----------------|----------|
| Desired:    | Call     | Chan | Svc | Status | City, State     | File Number     | Distance |
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO | BLANK0000026810 |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA      | DTVBL81509      | 334.9 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA      | kfp36m4         | 324.0    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL       | BLANK0000027756 | 382.8    |

# INTERFERENCE ANALYSIS FOR PROPOSED KFPX-TV NEWTON, IA (CHANNEL 36)

|         |     |    |     |                  |                  |       |
|---------|-----|----|-----|------------------|------------------|-------|
| WMEC    | D36 | DT | CP  | MACOMB, IL       | BLANK0000026298  | 361.4 |
| KBNS-CD | D36 | DC | LIC | BRANSON, MO      | BLDTL20100315ADB | 277.1 |
| KDOR-TV | D36 | DT | CP  | BARTLESVILLE, OK | BLANK0000026636  | 294.5 |

| Service area      | Terrain-limited   | IX-free, before   | IX-free, after    | Percent New IX |
|-------------------|-------------------|-------------------|-------------------|----------------|
| 28919.9 2,361,225 | 28736.6 2,358,106 | 28631.1 2,357,798 | 28628.1 2,357,783 | 0.01 0.00      |

| Undesired           | Total IX  | Unique IX, before | Unique IX, after |
|---------------------|-----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0 0     | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 3.0 15    |                   | 3.0 15           |
| KBNS-CD D36 DC LIC  | 1.0 4     | 0.0 0             | 0.0 0            |
| KDOR-TV D36 DT CP   | 105.5 308 | 104.5 304         | 104.5 304        |

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Interference to BLANK0000026810 CP, scenario 2

| Desired:    | Call     | Chan | Svc | Status | City, State      | File Number      | Distance |
|-------------|----------|------|-----|--------|------------------|------------------|----------|
|             | KSHB-TV  | D36  | DT  | CP     | KANSAS CITY, MO  | BLANK0000026810  |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA       | DTVBL81509       | 334.9 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA       | kfp36m4          | 324.0    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL        | BLANK0000027756  | 382.8    |
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL       | BLANK0000026298  | 361.4    |
|             | KBNS-CD  | D36  | DC  | LIC    | BRANSON, MO      | BLDTL20100315ADB | 277.1    |
|             | KDOR-TV  | D36  | DT  | BL     | BARTLESVILLE, OK | DTVBL1005        | 294.5    |

| Service area      | Terrain-limited   | IX-free, before   | IX-free, after    | Percent New IX |
|-------------------|-------------------|-------------------|-------------------|----------------|
| 28919.9 2,361,225 | 28736.6 2,358,106 | 28631.1 2,357,798 | 28628.1 2,357,783 | 0.01 0.00      |

| Undesired           | Total IX  | Unique IX, before | Unique IX, after |
|---------------------|-----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0 0     | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 3.0 15    |                   | 3.0 15           |
| KBNS-CD D36 DC LIC  | 1.0 4     | 0.0 0             | 0.0 0            |
| KDOR-TV D36 DT BL   | 105.5 308 | 104.5 304         | 104.5 304        |

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Interference to DTVBL59444 BL, scenario 1

| Desired:    | Call     | Chan | Svc | Status | City, State      | File Number      | Distance |
|-------------|----------|------|-----|--------|------------------|------------------|----------|
|             | KSHB-TV  | D36  | DT  | BL     | KANSAS CITY, MO  | DTVBL59444       |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA       | DTVBL81509       | 334.9 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA       | kfp36m4          | 324.0    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL        | BLANK0000027756  | 382.8    |
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL       | BLANK0000026298  | 361.4    |
|             | KBNS-CD  | D36  | DC  | LIC    | BRANSON, MO      | BLDTL20100315ADB | 277.1    |
|             | KDOR-TV  | D36  | DT  | CP     | BARTLESVILLE, OK | BLANK0000026636  | 294.5    |

| Service area      | Terrain-limited   | IX-free, before   | IX-free, after    | Percent New IX |
|-------------------|-------------------|-------------------|-------------------|----------------|
| 28908.9 2,360,658 | 28723.6 2,357,539 | 28619.1 2,357,231 | 28616.2 2,357,216 | 0.01 0.00      |

| Undesired           | Total IX  | Unique IX, before | Unique IX, after |
|---------------------|-----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0 0     | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 3.0 15    |                   | 3.0 15           |
| KBNS-CD D36 DC LIC  | 1.0 4     | 0.0 0             | 0.0 0            |
| KDOR-TV D36 DT CP   | 104.5 308 | 103.5 304         | 103.5 304        |

-----  
Interference to DTVBL59444 BL, scenario 2

| Desired:    | Call     | Chan | Svc | Status | City, State      | File Number      | Distance |
|-------------|----------|------|-----|--------|------------------|------------------|----------|
|             | KSHB-TV  | D36  | DT  | BL     | KANSAS CITY, MO  | DTVBL59444       |          |
| Undesireds: | KFPX-TV  | D36  | DT  | BL     | NEWTON, IA       | DTVBL81509       | 334.9 km |
|             | KFPX36M4 | D36  | DT  | APP    | NEWTON, IA       | kfp36m4          | 324.0    |
|             | W50CH-D  | D36  | DC  | CP     | ALTON, IL        | BLANK0000027756  | 382.8    |
|             | WMEC     | D36  | DT  | CP     | MACOMB, IL       | BLANK0000026298  | 361.4    |
|             | KBNS-CD  | D36  | DC  | LIC    | BRANSON, MO      | BLDTL20100315ADB | 277.1    |
|             | KDOR-TV  | D36  | DT  | BL     | BARTLESVILLE, OK | DTVBL1005        | 294.5    |

| Service area      | Terrain-limited   | IX-free, before   | IX-free, after    | Percent New IX |
|-------------------|-------------------|-------------------|-------------------|----------------|
| 28908.9 2,360,658 | 28723.6 2,357,539 | 28619.1 2,357,231 | 28616.2 2,357,216 | 0.01 0.00      |

| Undesired           | Total IX  | Unique IX, before | Unique IX, after |
|---------------------|-----------|-------------------|------------------|
| KFPX-TV D36 DT BL   | 0.0 0     | 0.0 0             |                  |
| KFPX36M4 D36 DT APP | 3.0 15    |                   | 3.0 15           |
| KBNS-CD D36 DC LIC  | 1.0 4     | 0.0 0             | 0.0 0            |
| KDOR-TV D36 DT BL   | 104.5 308 | 103.5 304         | 103.5 304        |

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