**Note:**
**Study cell size: 1.00 km**
**Profile point spacing: 0.10 km**

tvstudy v2.2.5 (4uoc83)
Database: localhost,  Study: WDGM_Ch28_4x3_50deg_Pre,  Model: Longley-Rice
Start: 2019.04.18 08:52:21

Study created: 2019.04.18 08:52:21

Study build station data: LMS TV 2019-04-16

    Proposal: WDGM-LD D28 LD APP FORT WAYNE, IN
 File number: WDGM_Ch28_4x3_50deg
 Facility ID: 181387
Station data: User record
   Record ID: 758
     Country: U.S.

Build options:
Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Stations potentially affected by proposal:

| IX | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| No | WNHO-LP | N26- | TX | LIC | DEFIANCE, OH | BLTTL20031007AAN | 53.2 km |
| No | WCIU-TV | D27 | DT | LIC | CHICAGO, IL | BLCDT20110822ADN | 234.4 |
| No | WTTV | D27 | DT | CP | BLOOMINGTON, IN | BLANK0000034516 | 201.8 |
| No | WIPX-TV | D27 | DT | LIC | BLOOMINGTON, IN | BLANK0000050610 | 202.1 |
| No | WSOT-LD | D27 | LD | LIC | MARION, IN | BLDTL20111212AGP | 62.4 |
| Yes | WNDU-TV | D27 | DT | CP | SOUTH BEND, IN | BLANK0000025267 | 115.6 |
| No | WFHD-LP | N27z | TX | LIC | ANN ARBOR, MI | BLTT20000925AAY | 177.4 |
| No | WLNM-LD | D27 | LD | LIC | LANSING, MI | BLDTL20090630ABI | 193.7 |
| No | WADL | D27 | DT | CP | MOUNT CLEMENS, MI | BLANK0000027047 | 247.9 |
| No | WTTE | D27 | DT | CP | COLUMBUS, OH | BLANK0000034206 | 210.8 |
| No | WPNM-LP | D27z | LD | CP | LEIPSIC, OH | BLANK0000054500 | 97.8 |
| No | WEDE-CD | D28 | DC | CP | ARLINGTON HEIGHTS, IL | BLANK0000028640 | 234.4 |
| No | WYZZ-TV | D28 | DT | LIC | BLOOMINGTON, IL | BLCDT20060609ABE | 348.6 |
| No | W28EB-D | D28 | LD | CP | EFFINGHAM, IL | BMPDTL20111006ACQ | 373.6 |
| No | WIFR-LD | D28 | LD | CP | ROCKFORD, IL | BLANK0000052512 | 369.1 |
| No | WIPX-TV | D28 | DT | CP | BLOOMINGTON, IN | BLANK0000034351 | 202.2 |
| Yes | WSJV | D28 | DT | LIC | ELKHART, IN | BLCDT20100115AAE | 115.0 |
| No | WEVV-TV | D28 | DT | CP | EVANSVILLE, IN | BLANK0000027564 | 408.3 |
| No | WTVW | D28 | DT | LIC | EVANSVILLE, IN | BLCDT20070612ABZ | 387.2 |
| Yes | WIWU-CD | D28 | DC | CP | MARION, IN | BLANK0000033170 | 66.8 |
| Yes | WMYS-LD | D28 | LD | CP | SOUTH BEND, IN | BLANK0000054333 | 114.4 |
| No | WUDZ-LD | D28 | LD | LIC | TERRE HAUTE, IN | BLANK0000010840 | 158.4 |
| No | WLEX-TV | D28 | DT | CP | LEXINGTON, KY | BLANK0000028121 | 337.2 |
| No | WDYL-LD | D28 | LD | LIC | LOUISVILLE, KY | BLDTL20130823ACI | 302.9 |
| Yes | WSYM-TV | D28 | DT | CP | LANSING, MI | BLANK0000026760 | 164.1 |
| No | WLPC-CD | D28 | DC | CP | Redford, MI | BLANK0000036014 | 221.9 |
| No | WLPC-CD | D28 | DC | APP | Redford, MI | BLANK0000069220 | 221.9 |
| No | WBQC-LD | D28 | LD | CP | CINCINNATI, OH | BLANK0000052535 | 216.5 |
| Yes | WSYX | D28 | DT | CP | COLUMBUS, OH | BLANK0000027371 | 210.8 |
| Yes | WPTO | D28 | DT | LIC | OXFORD, OH | BLEDT20040714AAQ | 215.9 |
| No | WJET-TV | D28 | DT | CP | ERIE, PA | BLANK0000029987 | 430.6 |
| No | WPCB-TV | D28 | DT | CP | GREENSBURG, PA | BLANK0000034177 | 450.5 |
| No | WISN-TV | D28 | DT | CP | MILWAUKEE, WI | BLANK0000034528 | 331.2 |
| No | WTMJ-TV | D28 | DT | LIC | MILWAUKEE, WI | BLCDT20001218ACR | 328.1 |
| No | WMAQ-TV | D29 | DT | LIC | CHICAGO, IL | BLANK0000053194 | 234.4 |
| Yes | WEDX-LD | D29 | LD | CP | FORT WAYNE, IN | BLANK0000036232 | 9.7 |
| No | WTTK | D29 | DT | LIC | KOKOMO, IN | BLCDT20090930ABD | 158.7 |
| No | W51DU | D29- | LD | CP | LAFAYETTE, IN | BLANK0000054375 | 167.3 |
| No | WSBT-TV | D29 | DT | CP | SOUTH BEND, IN | BLANK0000034389 | 116.6 |
| No | WXIX-TV | D29 | DT | LIC | NEWPORT, KY | BLCDT20000908ABI | 215.9 |
| No | WLNM-LD | D29 | LD | CP | LANSING, MI | BLANK0000054650 | 193.7 |
| No | W29EL-D | D29 | LD | CP | LIMA, OH | BNPDTL20100609AFJ | 43.4 |
| No | WAMS-LP | D29z | LD | CP | MINSTER/NEW BREMEN, OH | BLANK0000054301 | 92.4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| No | WPTO | D29 | DT | CP | OXFORD, OH | BLANK0000034602 | 216.1 |
| No | WGTE-TV | D29 | DT | LIC | TOLEDO, OH | BLEDT20031110AKO | 153.3 |
| No | CICO-DT-59 | D28 | DT | LIC | CHATHAM, ON | BLANKCANADA167 | 293.6 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D28
       Mask: Full Service
   Latitude:  41  1 26.20 N (NAD83)
  Longitude:  85  3 50.80 W
Height AMSL: 371.2 m
       HAAT: 0.0 m
   Peak ERP: 31.0 kW
    Antenna: SIRA 4x3 50.0 deg
Elev Pattrn: Generic
```

50.1 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---|---|---|---|
| 0.0 deg | 23.1 kW | 131.6 m | 48.6 km |
| 45.0 | 26.4 | 140.1 | 49.8 |
| 90.0 | 23.0 | 131.3 | 48.6 |
| 135.0 | 26.1 | 120.3 | 48.4 |
| 180.0 | 8.77 | 131.6 | 43.7 |
| 225.0 | 0.443 | 129.3 | 28.3 |
| 270.0 | 3.84 | 139.6 | 40.1 |
| 315.0 | 29.6 | 126.9 | 49.5 |

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m  Computed HAAT: 131 m

Proposal 25.14 dBu contour does not cross Canadian border
Distance to Canadian border: 190.6 km

Distance to Mexican border: 1932.0 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 337.5 degrees  Distance: 190.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 273.4 degrees  Distance: 1700.7 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

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

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Interference to BLANK0000025267 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WNDU-TV | D27 | DT | CP | SOUTH BEND, IN | BLANK0000025267 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 115.6 km |
| | WPVN-CD | D26 | DC | CP | CHICAGO, IL | BLANK0000031140 | 121.4 |
| | W40CN-D | D27 | DC | CP | SUGAR GROVE, IL | BLANK0000034531 | 147.2 |
| | WTTV | D27 | DT | CP | BLOOMINGTON, IN | BLANK0000034516 | 244.4 |
| | WADL | D27 | DT | CP | MOUNT CLEMENS, MI | BLANK0000027047 | 293.9 |
| | WTTE | D27 | DT | CP | COLUMBUS, OH | BLANK0000034206 | 326.4 |
| | WVTV | D27 | DT | CP | MILWAUKEE, WI | BLANK0000034387 | 216.2 |
| | WEDE-CD | D28 | DC | CP | ARLINGTON HEIGHTS, IL | BLANK0000028640 | 121.9 |
| | WIWU-CD | D28 | DC | CP | MARION, IN | BLANK0000033170 | 119.8 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 28997.8 | 1,857,072 | 28921.7 | 1,834,828 | 28045.5 | 1,776,527 | 28045.5 | 1,776,527 | 0.00 | 0.00 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 2.0 | 47 | | | 0.0 | 0 |
| WPVN-CD D26 DC CP | 2.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| W40CN-D D27 DC CP | 250.3 | 14,228 | 161.1 | 1,309 | 161.1 | 1,309 |
| WTTV D27 DT CP | 379.6 | 16,849 | 280.3 | 9,953 | 278.3 | 9,906 |
| WADL D27 DT CP | 18.1 | 664 | 3.0 | 302 | 3.0 | 302 |
| WTTE D27 DT CP | 20.0 | 469 | 1.0 | 19 | 1.0 | 19 |
| WVTV D27 DT CP | 335.4 | 40,218 | 221.1 | 24,894 | 221.1 | 24,894 |
| WEDE-CD D28 DC CP | 1.0 | 299 | 0.0 | 0 | 0.0 | 0 |
| WIWU-CD D28 DC CP | 90.3 | 6,601 | 9.9 | 1,411 | 9.9 | 1,411 |

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Interference to BLCDT20100115AAE LIC scenario 1
**IX: 3.35% interference caused

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WSJV | D28 | DT | LIC | ELKHART, IN | BLCDT20100115AAE | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 115.0 km |
| | WCIU-TV | D27 | DT | LIC | CHICAGO, IL | BLCDT20110822ADN | 123.1 |
| | WYZZ-TV | D28 | DT | LIC | BLOOMINGTON, IL | BLCDT20060609ABE | 272.2 |
| | WPTO | D28 | DT | LIC | OXFORD, OH | BLEDT20040714AAQ | 310.3 |
| | WTMJ-TV | D28 | DT | LIC | MILWAUKEE, WI | BLCDT20001218ACR | 215.8 |
| | WMAQ-TV | D29 | DT | LIC | CHICAGO, IL | BLANK0000053194 | 123.1 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 23640.8 | 1,518,662 | 23635.8 | 1,517,779 | 23406.8 | 1,482,963 | 22268.3 | 1,433,262 | 4.86 | 3.35 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 1147.5 | 50,179 | | | 1138.5 | 49,701 |
| WCIU-TV D27 DT LIC | 188.8 | 33,804 | 3.0 | 211 | 3.0 | 211 |
| WYZZ-TV D28 DT LIC | 108.5 | 6,450 | 1.0 | 0 | 1.0 | 0 |
| WPTO D28 DT LIC | 4.0 | 38 | 1.0 | 3 | 0.0 | 0 |
| WTMJ-TV D28 DT LIC | 124.5 | 5,792 | 11.1 | 229 | 8.1 | 152 |
| WMAQ-TV D29 DT LIC | 209.9 | 34,338 | 22.1 | 745 | 22.1 | 745 |

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Interference to BLANK0000033170 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WIWU-CD | D28 | DC | CP | MARION, IN | BLANK0000033170 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 66.8 km |
| | WIPX-TV | D28 | DT | CP | BLOOMINGTON, IN | BLANK0000034351 | 141.3 |
| | WLPC-CD | D28 | DC | CP | Redford, MI | BLANK0000036014 | 288.7 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 5372.3 | 244,584 | 5372.3 | 244,584 | 5345.3 | 240,354 | 5245.0 | 239,166 | 1.88 | 0.49 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 101.3 | 1,188 | | | 100.3 | 1,188 |
| WIPX-TV D28 DT CP | 27.0 | 4,230 | 27.0 | 4,230 | 26.0 | 4,230 |

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Interference to BLANK0000054333 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WMYS-LD | D28 | LD | CP | SOUTH BEND, IN | BLANK0000054333 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 114.4 km |
| | WNDU-TV | D27 | DT | CP | SOUTH BEND, IN | BLANK0000025267 | 2.5 |
| | WEDE-CD | D28 | DC | CP | ARLINGTON HEIGHTS, IL | BLANK0000028640 | 123.8 |
| | WYZZ-TV | D28 | DT | LIC | BLOOMINGTON, IL | BLCDT20060609ABE | 272.8 |
| | WIWU-CD | D28 | DC | CP | MARION, IN | BLANK0000033170 | 119.9 |
| | WSYM-TV | D28 | DT | CP | LANSING, MI | BLANK0000026760 | 158.1 |
| | WLPC-CD | D28 | DC | CP | Redford, MI | BLANK0000036014 | 271.4 |
| | WISN-TV | D28 | DT | CP | MILWAUKEE, WI | BLANK0000034528 | 219.4 |
| | WSBT-TV | D29 | DT | CP | SOUTH BEND, IN | BLANK0000034389 | 2.6 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 10690.1 | 910,575 | 10679.1 | 909,598 | 10573.1 | 904,314 | 10556.9 | 904,120 | 0.15 | 0.02 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 19.1 | 212 | | | 16.1 | 194 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| WNDU-TV D27 DT CP | 33.0 | 800 | 5.0 | 292 | 5.0 | 292 | |
| WEDE-CD D28 DC CP | 3.0 | 331 | 0.0 | 0 | 0.0 | 0 | |
| WYZZ-TV D28 DT LIC | 9.0 | 962 | 0.0 | 0 | 0.0 | 0 | |
| WIWU-CD D28 DC CP | 6.1 | 158 | 6.1 | 158 | 5.1 | 140 | |
| WSYM-TV D28 DT CP | 10.0 | 1,476 | 10.0 | 1,476 | 10.0 | 1,476 | |
| WISN-TV D28 DT CP | 13.0 | 1,423 | 2.0 | 130 | 2.0 | 130 | |
| WSBT-TV D29 DT CP | 73.0 | 1,935 | 45.0 | 1,427 | 44.0 | 1,427 | |

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Interference to BLANK0000026760 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WSYM-TV | D28 | DT | CP | LANSING, MI | BLANK0000026760 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 164.1 km |
| | WIPX-TV | D28 | DT | CP | BLOOMINGTON, IN | BLANK0000034351 | 363.0 |
| | WLPC-CD | D28 | DC | CP | Redford, MI | BLANK0000036014 | 132.7 |
| | WSYX | D28 | DT | CP | COLUMBUS, OH | BLANK0000027371 | 312.5 |
| | WISN-TV | D28 | DT | CP | MILWAUKEE, WI | BLANK0000034528 | 276.7 |
| | WGTE-TV | D29 | DT | LIC | TOLEDO, OH | BLEDT20031110AKO | 135.1 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 20417.2 | 1,502,192 | 20399.1 | 1,495,206 | 20022.6 | 1,476,487 | 19883.4 | 1,473,879 | 0.70 | 0.18 |

| Undesired | Total IX | | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 212.3 | 3,791 | | | 139.2 | 2,608 |
| WIPX-TV D28 DT CP | 1.0 | 34 | 0.0 | 0 | 0.0 | 0 |
| WLPC-CD D28 DC CP | 17.0 | 11,320 | 16.0 | 10,292 | 16.0 | 10,292 |
| WSYX D28 DT CP | 198.9 | 4,892 | 76.1 | 899 | 15.0 | 195 |
| WISN-TV D28 DT CP | 5.0 | 47 | 5.0 | 47 | 5.0 | 47 |
| WGTE-TV D29 DT LIC | 277.4 | 6,419 | 156.6 | 3,488 | 156.6 | 3,488 |

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Interference to BLANK0000026760 CP scenario 2

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WSYM-TV | D28 | DT | CP | LANSING, MI | BLANK0000026760 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 164.1 km |
| | WIPX-TV | D28 | DT | CP | BLOOMINGTON, IN | BLANK0000034351 | 363.0 |
| | WLPC-CD | D28 | DC | APP | Redford, MI | BLANK0000069220 | 132.7 |
| | WSYX | D28 | DT | CP | COLUMBUS, OH | BLANK0000027371 | 312.5 |
| | WISN-TV | D28 | DT | CP | MILWAUKEE, WI | BLANK0000034528 | 276.7 |
| | WGTE-TV | D29 | DT | LIC | TOLEDO, OH | BLEDT20031110AKO | 135.1 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 20417.2 | 1,502,192 | 20399.1 | 1,495,206 | 20022.6 | 1,476,487 | 19883.4 | 1,473,879 | 0.70 | 0.18 |

| Undesired | Total IX | | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 212.3 | 3,791 | | | 139.2 | 2,608 |
| WIPX-TV D28 DT CP | 1.0 | 34 | 0.0 | 0 | 0.0 | 0 |
| WLPC-CD D28 DC APP | 17.0 | 11,320 | 16.0 | 10,292 | 16.0 | 10,292 |
| WSYX D28 DT CP | 198.9 | 4,892 | 76.1 | 899 | 15.0 | 195 |
| WISN-TV D28 DT CP | 5.0 | 47 | 5.0 | 47 | 5.0 | 47 |
| WGTE-TV D29 DT LIC | 277.4 | 6,419 | 156.6 | 3,488 | 156.6 | 3,488 |

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Interference to BLANK0000027371 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WSYX | D28 | DT | CP | COLUMBUS, OH | BLANK0000027371 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 210.8 km |
| | WIPX-TV | D28 | DT | CP | BLOOMINGTON, IN | BLANK0000034351 | 273.9 |
| | WIWU-CD | D28 | DC | CP | MARION, IN | BLANK0000033170 | 235.0 |
| | WLEX-TV | D28 | DT | CP | LEXINGTON, KY | BLANK0000028121 | 242.5 |
| | WSYM-TV | D28 | DT | CP | LANSING, MI | BLANK0000026760 | 312.5 |
| | WLPC-CD | D28 | DC | CP | Redford, MI | BLANK0000036014 | 266.2 |
| | WJET-TV | D28 | DT | CP | ERIE, PA | BLANK0000029987 | 340.5 |
| | WPCB-TV | D28 | DT | CP | GREENSBURG, PA | BLANK0000034177 | 279.8 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 26824.5 | 2,636,301 | 26201.5 | 2,592,242 | 25900.6 | 2,559,550 | 25895.6 | 2,559,507 | 0.02 | 0.00 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 110.1 | 12,294 | | | 5.0 | 43 |
| WIPX-TV D28 DT CP | 163.3 | 25,711 | 87.3 | 15,080 | 67.2 | 9,911 |
| WIWU-CD D28 DC CP | 4.0 | 174 | 0.0 | 0 | 0.0 | 0 |
| WLEX-TV D28 DT CP | 74.8 | 9,231 | 32.8 | 1,875 | 32.8 | 1,875 |
| WSYM-TV D28 DT CP | 84.9 | 4,175 | 36.9 | 666 | 15.0 | 181 |
| WJET-TV D28 DT CP | 18.0 | 702 | 2.0 | 106 | 2.0 | 106 |
| WPCB-TV D28 DT CP | 64.9 | 4,325 | 45.0 | 3,608 | 45.0 | 3,608 |

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Interference to BLEDT20040714AAQ LIC scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WPTO | D28 | DT | LIC | OXFORD, OH | BLEDT20040714AAQ | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 215.9 km |
| | WIPX-TV | D27 | DT | LIC | BLOOMINGTON, IN | BLANK0000050610 | 140.9 |
| | WSJV | D28 | DT | LIC | ELKHART, IN | BLCDT20100115AAE | 310.3 |
| | WTVW | D28 | DT | LIC | EVANSVILLE, IN | BLCDT20070612ABZ | 273.3 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 20986.0 | 2,910,813 | 20817.1 | 2,892,332 | 20786.1 | 2,890,002 | 20784.0 | 2,888,297 | 0.01 | 0.06 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 9.1 | 3,601 | | | 2.0 | 1,705 |
| WIPX-TV D27 DT LIC | 6.9 | 184 | 2.0 | 29 | 2.0 | 29 |
| WSJV D28 DT LIC | 10.1 | 1,924 | 7.0 | 1,920 | 3.0 | 28 |
| WTVW D28 DT LIC | 22.0 | 381 | 14.0 | 222 | 14.0 | 222 |

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Interference to BLANK0000036232 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WEDX-LD | D29 | LD | CP | FORT WAYNE, IN | BLANK0000036232 | |
| Undesireds: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | 9.7 km |
| | WSBT-TV | D29 | DT | CP | SOUTH BEND, IN | BLANK0000034389 | 126.3 |
| | W29EL-D | D29 | LD | CP | LIMA, OH | BNPDTL20100609AFJ | 33.8 |
| | WAMS-LP | D29z | LD | CP | MINSTER/NEW BREMEN, OH | BLANK0000054301 | 83.1 |
| | W29EG-D | D29 | LD | LIC | ZANESVILLE, OH | BLANK0000048395 | 237.1 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|---|---|---|---|---|---|---|---|---|---|
| 1846.9 | 117,661 | 1846.9 | 117,661 | 1811.9 | 117,425 | 1783.0 | 115,916 | 1.60 | 1.29 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---|---|---|---|---|---|---|
| WDGM-LD D28 LD APP | 34.9 | 1,600 | | | 28.9 | 1,509 |
| WSBT-TV D29 DT CP | 5.0 | 24 | 3.0 | 0 | 1.0 | 0 |
| W29EL-D D29 LD CP | 31.0 | 218 | 29.0 | 194 | 28.0 | 145 |
| WAMS-LP D29z LD CP | 1.0 | 18 | 1.0 | 18 | 0.0 | 0 |

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Interference to proposal scenario 1
3.98% interference received

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| Desired: | WDGM-LD | D28 | LD | APP | FORT WAYNE, IN | WDGM_Ch28_4x3_50deg | |
| Undesireds: | WIWU-CD | D28 | DC | CP | MARION, IN | BLANK0000033170 | 66.8 km |
| | WMYS-LD | D28 | LD | CP | SOUTH BEND, IN | BLANK0000054333 | 114.4 |
| | WLPC-CD | D28 | DC | CP | Redford, MI | BLANK0000036014 | 221.9 |
| | WSYX | D28 | DT | CP | COLUMBUS, OH | BLANK0000027371 | 210.8 |
| | W29EL-D | D29 | LD | CP | LIMA, OH | BNPDTL20100609AFJ | 43.4 |

| Service area | | Terrain-limited | | IX-free | | Percent IX | |
|---|---|---|---|---|---|---|---|
| 6288.2 | 530,942 | 6288.2 | 530,942 | 5852.8 | 509,792 | 6.92 | 3.98 |

| Undesired | | Total IX | | Unique IX | | Prcnt Unique IX | |
|---|---|---|---|---|---|---|---|
| WIWU-CD D28 DC CP | 273.4 | 12,019 | 273.4 | 12,019 | 4.35 | 2.26 |
| WMYS-LD D28 LD CP | 140.1 | 3,649 | 139.1 | 3,610 | 2.21 | 0.68 |
| WSYX D28 DT CP | 1.0 | 39 | 0.0 | 0 | 0.00 | 0.00 |
| W29EL-D D29 LD CP | 21.8 | 5,482 | 21.8 | 5,482 | 0.35 | 1.03 |