

tvstudy v2.2.4 (Z2Qqz3)
Database: localhost, Study: WTLH 19 OMNI 650KW 180227, Model: Longley-Rice
Start: 2018.02.27 16:06:24

Study created: 2018.02.27 16:06:24

Study build station data: LMS TV 2018-02-27 (44)

Proposal: WTLH D19 DT APP BAINBRIDGE, GA
File number: WTLH 19 OMNI 650KW 180227
Facility ID: 23486
Station data: User record
Record ID: 223
Country: U.S.
Zone: III

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 | WBMM | D18 | DT | CP | TUSKEGEE, AL | BLANK0000027063 | 242.5 km |
| No | WJXT | D18 | DT | CP | JACKSONVILLE, FL | BLANK0000027956 | 236.1 |
| No | WJXT | D18 | DT | APP | JACKSONVILLE, FL | BLANK0000034420 | 236.1 |
| No | WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 414.3 |
| Yes | WIYC | D19 | DT | APP | TROY, AL | BLANK0000034521 | 242.4 |
| Yes | WIYC | D19 | DT | CP | TROY, AL | BLANK0000025714 | 242.4 |
| Yes | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDDT20030328ANV | 234.4 |
| Yes | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 358.7 |
| Yes | WTOG | D19 | DT | APP | ST. PETERSBURG, FL | BLANK0000034024 | 358.7 |
| Yes | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDDT20060113ACO | 349.2 |
| No | WBPI-CD | D19 | DC | CP | AUGUSTA, GA | BLANK0000034322 | 368.6 |
| No | WCWJ | D20 | DT | CP | JACKSONVILLE, FL | BLANK0000029603 | 236.1 |
| Yes | WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | 3.2 |
| Yes | WCTV | D20 | DT | APP | THOMASVILLE, GA | BLANK0000033928 | 3.2 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19
Latitude: 30 40 50.30 N (NAD83)
Longitude: 83 58 20.60 W
Height AMSL: 648.2 m
HAAT: 600.0 m
Peak ERP: 650 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 0.75

39.3 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---------|--------|---------|----------|
| 0.0 deg | 650 kW | 584.6 m | 119.4 km |
| 45.0 | 650 | 600.6 | 120.3 |
| 90.0 | 650 | 602.7 | 120.5 |
| 135.0 | 650 | 610.5 | 120.9 |
| 180.0 | 650 | 613.6 | 121.1 |
| 225.0 | 650 | 601.6 | 120.4 |
| 270.0 | 650 | 592.3 | 119.9 |
| 315.0 | 650 | 585.5 | 119.5 |

Database HAAT does not agree with computed HAAT
Database HAAT: 600 m Computed HAAT: 599 m

ERP exceeds maximum
ERP: 650 kW ERP maximum: 329 kW

Distance to Canadian border: 1227.6 km

Distance to Mexican border: 1369.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 348.9 degrees Distance: 360.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 304.5 degrees Distance: 2184.6 km

No land mobile station failures found

Study cell size: 2.00 km
Profile point spacing: 1.00 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 BLANK0000034521 APP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|----------------|------------------------|----------|
| | WIYC | D19 | DT | APP | TROY, AL | BLANK0000034521 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 242.4 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 242.4 |
| | WBMM | D18 | DT | CP | TUSKEGEE, AL | BLANK0000027063 | 1.1 |
| | WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 184.1 |
| | WHNT-TV | D19 | DT | LIC | HUNTSVILLE, AL | BLCDT20111118COZ | 302.6 |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 245.6 |

| | Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New |
|---------|--------------|---------|-----------------|---------|-----------------|---------|----------------|-------------|
| IX | | | | | | | | |
| 21899.4 | 655,929 | 21814.9 | 654,029 | 20801.9 | 635,573 | 20665.9 | 633,492 | 0.65 |
| 0.33 | | | | | | | | |

| Undesired | | | Total IX | Unique IX, before | Unique IX, after |
|--------------------|-------|--------|----------|-------------------|------------------|
| WTLH D19 DT BL | 328.0 | 8,708 | 159.4 | 5,322 | |
| WTLH D19 DT APP | 532.6 | 14,395 | | | 295.4 7,403 |
| WBMM D18 DT CP | 12.1 | 575 | 8.1 | 533 | 8.1 533 |
| WIIQ D19 DT LIC | 447.2 | 3,872 | 298.5 | 2,420 | 294.4 2,148 |
| WHNT-TV D19 DT LIC | 16.1 | 206 | 4.0 | 0 | 0.0 0 |
| WGCL-TV D19 DT LIC | 503.1 | 9,894 | 305.8 | 6,340 | 269.4 3,125 |

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Interference to BLANK0000025714 CP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|----------------|------------------------|----------|
| | WIYC | D19 | DT | CP | TROY, AL | BLANK0000025714 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 242.4 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 242.4 |
| | WBMM | D18 | DT | CP | TUSKEGEE, AL | BLANK0000027063 | 1.1 |
| | WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 184.1 |
| | WHNT-TV | D19 | DT | LIC | HUNTSVILLE, AL | BLCDT20111118COZ | 302.6 |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 245.6 |

| | Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New |
|---------|--------------|---------|-----------------|---------|-----------------|---------|----------------|-------------|
| IX | | | | | | | | |
| 16003.5 | 526,694 | 15963.4 | 526,272 | 15324.3 | 520,929 | 15228.3 | 520,699 | 0.63 |
| 0.04 | | | | | | | | |

| Undesired | | | Total IX | Unique IX, before | Unique IX, after |
|-----------------|-------|-------|----------|-------------------|------------------|
| WTLH D19 DT BL | 228.4 | 1,195 | 123.8 | 881 | |
| WTLH D19 DT APP | 340.5 | 1,429 | | | 219.8 1,111 |

| | | | | | | |
|-----------------|-------|--|----------|-------------------|------------------|-------------|
| Undesired | | | Total IX | Unique IX, before | Unique IX, after | |
| WTLH D19 DT BL | 264.8 | | 1,739 | 220.7 | 1,333 | |
| WTLH D19 DT APP | 477.6 | | 6,011 | | | 409.5 5,415 |
| WTOG D19 DT APP | 55.8 | | 1,740 | 39.9 | 1,355 | 27.9 1,314 |
| WCWJ D20 DT CP | 56.2 | | 474 | 28.1 | 453 | 16.0 304 |

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Interference to BLCDT20030328ANV LIC scenario 4

| | | | | | | | |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 234.4 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 234.4 |
| | WJXT | D18 | DT | APP | JACKSONVILLE, FL | BLANK0000034420 | 1.8 |
| | WTOG | D19 | DT | APP | ST. PETERSBURG, FL | BLANK0000034024 | 281.7 |
| | WCWJ | D20 | DT | CP | JACKSONVILLE, FL | BLANK0000029603 | 1.8 |

| | | | | | | | | | |
|----|--------------|-----------|-----------------|-----------|-----------------|-----------|----------------|-------------|------|
| | Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New | |
| IX | 27334.3 | 1,630,782 | 27334.3 | 1,630,782 | 27001.5 | 1,627,235 | 26812.8 | 1,623,153 | 0.70 |
| | 0.25 | | | | | | | | |

| | | | | | | |
|-----------------|-------|--|----------|-------------------|------------------|-------------|
| Undesired | | | Total IX | Unique IX, before | Unique IX, after | |
| WTLH D19 DT BL | 264.8 | | 1,739 | 220.7 | 1,333 | |
| WTLH D19 DT APP | 477.6 | | 6,011 | | | 409.5 5,415 |
| WJXT D18 DT APP | 4.0 | | 62 | 0.0 | 0 | 0.0 0 |
| WTOG D19 DT APP | 55.8 | | 1,740 | 39.9 | 1,355 | 27.9 1,314 |
| WCWJ D20 DT CP | 56.2 | | 474 | 24.1 | 391 | 12.0 242 |

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Interference to BLANK0000025842 CP scenario 1

| | | | | | | | |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 358.7 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 358.7 |
| | WMOR-TV | D18 | DT | APP | LAKE LAND, FL | BLANK0000034551 | 0.0 |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 281.7 |
| | WVEA-TV | D20 | DT | CP | TAMPA, FL | BLANK0000025106 | 3.1 |

| | | | | | | | | | |
|----|--------------|-----------|-----------------|-----------|-----------------|-----------|----------------|-------------|------|
| | Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New | |
| IX | 33536.9 | 4,747,365 | 33532.9 | 4,747,310 | 33420.2 | 4,735,873 | 33420.2 | 4,735,873 | 0.00 |
| | 0.00 | | | | | | | | |

| | | | | | | |
|--------------------|-------|--|----------|-------------------|------------------|-------------|
| Undesired | | | Total IX | Unique IX, before | Unique IX, after | |
| WTLH D19 DT BL | 8.0 | | 12 | 4.0 | 6 | |
| WTLH D19 DT APP | 16.1 | | 439 | | | 4.0 6 |
| WJAX-TV D19 DT LIC | 100.6 | | 11,059 | 96.6 | 11,053 | 88.5 10,626 |
| WVEA-TV D20 DT CP | 8.1 | | 372 | 8.1 | 372 | 8.1 372 |

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Interference to BLANK0000025842 CP scenario 2

| | | | | | | | |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 358.7 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 358.7 |
| | WMOR-TV | D18 | DT | APP | LAKE LAND, FL | BLANK0000034551 | 0.0 |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 281.7 |
| | WVEA-TV | D20 | DT | APP | TAMPA, FL | BLANK0000034006 | 3.1 |

| | | | | | | | | |
|----|--------------|--|-----------------|--|-----------------|--|----------------|-------------|
| | Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New |
| IX | | | | | | | | |

33536.9 4,747,365 33532.9 4,747,310 33404.1 4,735,196 33404.1 4,735,196 0.00
0.00

| Undesired | | Total IX | Unique IX, before | Unique IX, after |
|--------------------|-------|----------|-------------------|------------------|
| WTLH D19 DT BL | 8.0 | 12 | 4.0 | 6 |
| WTLH D19 DT APP | 16.1 | 439 | | 4.0 6 |
| WJAX-TV D19 DT LIC | 100.6 | 11,059 | 88.5 11,052 | 80.5 10,625 |
| WVEA-TV D20 DT APP | 32.2 | 1,050 | 24.2 1,049 | 24.2 1,049 |

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Interference to BLANK0000034024 APP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| | WTOG | D19 | DT | APP | ST. PETERSBURG, FL | BLANK0000034024 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 358.7 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 358.7 |
| | WMOR-TV | D18 | DT | APP | LAKELAND, FL | BLANK0000034551 | 0.0 |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 281.7 |
| | WVEA-TV | D20 | DT | CP | TAMPA, FL | BLANK0000025106 | 3.1 |

| IX | Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New |
|---------|--------------|-----------------|-----------------|-------------------|------------------------|
| 38383.7 | 5,137,208 | 38371.6 | 5,136,994 | 38073.7 5,071,919 | 38073.7 5,071,919 0.00 |
| 0.00 | | | | | |

| Undesired | | Total IX | Unique IX, before | Unique IX, after |
|--------------------|-------|----------|-------------------|------------------|
| WTLH D19 DT BL | 4.0 | 6 | 4.0 | 6 |
| WTLH D19 DT APP | 4.0 | 6 | | 4.0 6 |
| WJAX-TV D19 DT LIC | 289.8 | 64,884 | 289.8 64,884 | 289.8 64,884 |
| WVEA-TV D20 DT CP | 4.0 | 185 | 4.0 185 | 4.0 185 |

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Interference to BLANK0000034024 APP scenario 2

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| | WTOG | D19 | DT | APP | ST. PETERSBURG, FL | BLANK0000034024 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 358.7 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 358.7 |
| | WMOR-TV | D18 | DT | APP | LAKELAND, FL | BLANK0000034551 | 0.0 |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 281.7 |
| | WVEA-TV | D20 | DT | APP | TAMPA, FL | BLANK0000034006 | 3.1 |

| IX | Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New |
|---------|--------------|-----------------|-----------------|-------------------|------------------------|
| 38383.7 | 5,137,208 | 38371.6 | 5,136,994 | 38065.7 5,071,334 | 38065.7 5,071,334 0.00 |
| 0.00 | | | | | |

| Undesired | | Total IX | Unique IX, before | Unique IX, after |
|--------------------|-------|----------|-------------------|------------------|
| WTLH D19 DT BL | 4.0 | 6 | 4.0 | 6 |
| WTLH D19 DT APP | 4.0 | 6 | | 4.0 6 |
| WJAX-TV D19 DT LIC | 289.8 | 64,884 | 289.8 64,884 | 289.8 64,884 |
| WVEA-TV D20 DT APP | 12.1 | 770 | 12.1 770 | 12.1 770 |

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Interference to BLCDT20060113ACO LIC scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|----------------|------------------------|----------|
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 349.2 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 349.2 |
| | WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 366.3 |
| | WHNT-TV | D19 | DT | LIC | HUNTSVILLE, AL | BLCDT20111118COZ | 226.5 |
| | WIYC | D19 | DT | APP | TROY, AL | BLANK0000034521 | 245.6 |
| | WBPI-CD | D19 | DC | CP | AUGUSTA, GA | BLANK0000034322 | 224.4 |
| | WSOC-TV | D19 | DT | CP | CHARLOTTE, NC | BLANK0000034695 | 368.1 |

| | | | | | | |
|---------|-----|----|-----|---------------|-----------------|-------|
| WPDP-CD | D19 | DC | BL | CLEVELAND, TN | DTVBL52078 | 149.8 |
| WKPZ-CD | D19 | DC | LIC | KINGSPORT, TN | BLANK0000001584 | 341.6 |
| WDNN-CD | D20 | DC | CP | DALTON, GA | BLANK0000028630 | 120.3 |

| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New |
|-------------------|-------------------|-------------------|-------------------|-------------|
| IX | | | | |
| 33607.7 6,027,276 | 32149.8 5,961,471 | 30743.6 5,888,984 | 30703.6 5,888,271 | 0.13 |
| 0.01 | | | | |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|--------------------|--------------|-------------------|------------------|
| WTLH D19 DT BL | 116.1 9,968 | 24.0 485 | |
| WTLH D19 DT APP | 176.2 11,585 | | 64.0 1,198 |
| WIIQ D19 DT LIC | 4.0 121 | 0.0 0 | 0.0 0 |
| WHNT-TV D19 DT LIC | 627.4 25,980 | 324.0 14,315 | 324.0 14,315 |
| WIYC D19 DT APP | 368.4 20,326 | 180.2 7,902 | 160.1 6,998 |
| WBPI-CD D19 DC CP | 48.0 1,592 | 16.0 828 | 16.0 828 |
| WSOC-TV D19 DT CP | 116.0 3,752 | 84.0 2,867 | 84.0 2,867 |
| WPDP-CD D19 DC BL | 191.2 16,652 | 31.9 2,399 | 31.9 2,399 |
| WDNN-CD D20 DC CP | 517.8 30,166 | 262.9 13,245 | 262.9 13,245 |

Interference to BLCDT20060113ACO LIC scenario 2

| Call | Chan | Svc | Status | City, State | File Number | Distance |
|------------------|------|-----|--------|----------------|------------------------|----------|
| Desired: WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | |
| Undesireds: WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 349.2 km |
| WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 349.2 |
| WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 366.3 |
| WHNT-TV | D19 | DT | LIC | HUNTSVILLE, AL | BLCDT20111118COZ | 226.5 |
| WIYC | D19 | DT | CP | TROY, AL | BLANK0000025714 | 245.6 |
| WBPI-CD | D19 | DC | CP | AUGUSTA, GA | BLANK0000034322 | 224.4 |
| WSOC-TV | D19 | DT | CP | CHARLOTTE, NC | BLANK0000034695 | 368.1 |
| WPDP-CD | D19 | DC | BL | CLEVELAND, TN | DTVBL52078 | 149.8 |
| WKPZ-CD | D19 | DC | LIC | KINGSPORT, TN | BLANK0000001584 | 341.6 |
| WDNN-CD | D20 | DC | CP | DALTON, GA | BLANK0000028630 | 120.3 |

| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New |
|-------------------|-------------------|-------------------|-------------------|-------------|
| IX | | | | |
| 33607.7 6,027,276 | 32149.8 5,961,471 | 30907.8 5,896,668 | 30847.8 5,895,051 | 0.19 |
| 0.03 | | | | |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|--------------------|--------------|-------------------|------------------|
| WTLH D19 DT BL | 116.1 9,968 | 80.1 7,654 | |
| WTLH D19 DT APP | 176.2 11,585 | | 140.1 9,271 |
| WIIQ D19 DT LIC | 4.0 121 | 0.0 0 | 0.0 0 |
| WHNT-TV D19 DT LIC | 627.4 25,980 | 400.1 16,713 | 400.1 16,713 |
| WIYC D19 DT CP | 60.1 2,610 | 16.0 218 | 16.0 218 |
| WBPI-CD D19 DC CP | 48.0 1,592 | 16.0 828 | 16.0 828 |
| WSOC-TV D19 DT CP | 116.0 3,752 | 84.0 2,867 | 84.0 2,867 |
| WPDP-CD D19 DC BL | 191.2 16,652 | 31.9 2,399 | 31.9 2,399 |
| WDNN-CD D20 DC CP | 517.8 30,166 | 262.9 13,245 | 262.9 13,245 |

Interference to BLANK0000025442 CP scenario 1

| Call | Chan | Svc | Status | City, State | File Number | Distance |
|------------------|------|-----|--------|------------------|------------------------|----------|
| Desired: WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | |
| Undesireds: WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 3.2 km |
| WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 3.2 |
| WKRQ-TV | D20 | DT | CP | MOBILE, AL | BLANK0000027663 | 371.9 |
| WCWJ | D20 | DT | CP | JACKSONVILLE, FL | BLANK0000029603 | 232.9 |
| WVEA-TV | D20 | DT | CP | TAMPA, FL | BLANK0000025106 | 353.4 |
| WDHN | D21 | DT | LIC | DOTHAN, AL | BLCDT20090303ACR | 145.3 |

| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New |
|--------------|-----------------|-----------------|----------------|-------------|
| IX | | | | |

43871.5 1,058,346 43867.5 1,058,300 43224.9 1,053,537 43197.0 1,053,138 0.06
0.04

| Undesired | | Total IX | Unique IX, before | Unique IX, after |
|-------------------|-------|----------|-------------------|------------------|
| WTLH D19 DT BL | 19.9 | 288 | 19.9 288 | |
| WTLH D19 DT APP | 51.9 | 734 | | 47.9 687 |
| WKRQ-TV D20 DT CP | 36.0 | 265 | 28.0 100 | 24.0 53 |
| WCWJ D20 DT CP | 260.2 | 1,705 | 260.2 1,705 | 260.2 1,705 |
| WDHN D21 DT LIC | 334.5 | 2,670 | 326.5 2,505 | 326.5 2,505 |

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Interference to BLANK0000033928 APP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|------------------|------------------------|----------|
| | WCTV | D20 | DT | APP | THOMASVILLE, GA | BLANK0000033928 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 3.2 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | 3.2 |
| | WKRQ-TV | D20 | DT | CP | MOBILE, AL | BLANK0000027663 | 371.9 |
| | WCWJ | D20 | DT | CP | JACKSONVILLE, FL | BLANK0000029603 | 232.9 |
| | WVEA-TV | D20 | DT | CP | TAMPA, FL | BLANK0000025106 | 353.4 |
| | WDHN | D21 | DT | LIC | DOTHAN, AL | BLCDT20090303ACR | 145.3 |

| IX | Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New |
|---------|--------------|-----------------|-----------------|-------------------|------------------------|
| 47088.3 | 1,091,067 | 47076.4 | 1,091,018 | 46006.2 1,077,859 | 45986.2 1,077,708 0.04 |

| Undesired | | Total IX | Unique IX, before | Unique IX, after |
|-------------------|-------|----------|-------------------|------------------|
| WTLH D19 DT BL | 4.0 | 137 | 4.0 137 | |
| WTLH D19 DT APP | 23.9 | 288 | | 23.9 288 |
| WKRQ-TV D20 DT CP | 32.0 | 448 | 24.0 163 | 24.0 163 |
| WCWJ D20 DT CP | 504.8 | 4,997 | 504.8 4,997 | 504.8 4,997 |
| WDHN D21 DT LIC | 537.5 | 7,862 | 529.5 7,577 | 529.5 7,577 |

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Interference to proposal scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | |
| Undesireds: | WIYC | D19 | DT | APP | TROY, AL | BLANK0000034521 | 242.4 km |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 234.4 |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 358.7 |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 349.2 |
| | WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | 3.2 |

| | Service area | Terrain-limited | IX-free | Percent IX |
|---------|--------------|-----------------|-----------|-----------------------------|
| 45409.3 | 1,077,710 | 45405.3 | 1,077,243 | 45237.5 1,075,844 0.37 0.13 |

| Undesired | | Total IX | Unique IX | Prcnt Unique IX |
|--------------------|------|----------|-----------|-----------------|
| WIYC D19 DT APP | 8.1 | 22 | 4.0 22 | 0.01 0.00 |
| WJAX-TV D19 DT LIC | 84.1 | 685 | 80.1 683 | 0.18 0.06 |
| WGCL-TV D19 DT LIC | 16.0 | 2 | 8.0 0 | 0.02 0.00 |
| WCTV D20 DT CP | 67.7 | 692 | 67.7 692 | 0.15 0.06 |

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Interference to proposal scenario 2

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | |
| Undesireds: | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 234.4 km |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 358.7 |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 349.2 |
| | WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | 3.2 |

| Service area | Terrain-limited | IX-free | Percent IX |
|--------------|-----------------|---------|------------|
|--------------|-----------------|---------|------------|

45409.3 1,077,710 45405.3 1,077,243 45241.5 1,075,866 0.36 0.13

| Undesired | | Total IX | | Unique IX | Prcnt Unique IX |
|--------------------|------|----------|------|-----------|-----------------|
| WJAX-TV D19 DT LIC | 84.1 | 685 | 80.1 | 683 | 0.18 0.06 |
| WGCL-TV D19 DT LIC | 16.0 | 2 | 12.1 | 0 | 0.03 0.00 |
| WCTV D20 DT CP | 67.7 | 692 | 67.7 | 692 | 0.15 0.06 |

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Interference to proposal scenario 3

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | |
| Undesireds: | WIYC | D19 | DT | APP | TROY, AL | BLANK0000034521 | 242.4 km |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 234.4 |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 358.7 |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 349.2 |
| | WCTV | D20 | DT | APP | THOMASVILLE, GA | BLANK0000033928 | 3.2 |

| Service area | | Terrain-limited | | IX-free | Percent IX |
|-------------------|-------------------|-------------------|--|-----------|------------|
| 45409.3 1,077,710 | 45405.3 1,077,243 | 45189.6 1,073,347 | | 0.48 0.36 | |

| Undesired | | Total IX | | Unique IX | Prcnt Unique IX |
|--------------------|-------|----------|-------|-----------|-----------------|
| WIYC D19 DT APP | 8.1 | 22 | 4.0 | 22 | 0.01 0.00 |
| WJAX-TV D19 DT LIC | 84.1 | 685 | 80.1 | 683 | 0.18 0.06 |
| WGCL-TV D19 DT LIC | 16.0 | 2 | 8.0 | 0 | 0.02 0.00 |
| WCTV D20 DT APP | 115.6 | 3,189 | 115.6 | 3,189 | 0.25 0.30 |

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Interference to proposal scenario 4

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|--------------------|------------------------|----------|
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH 19 OMNI 650KW 180 | |
| Undesireds: | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 234.4 km |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 358.7 |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 349.2 |
| | WCTV | D20 | DT | APP | THOMASVILLE, GA | BLANK0000033928 | 3.2 |

| Service area | | Terrain-limited | | IX-free | Percent IX |
|-------------------|-------------------|-------------------|--|-----------|------------|
| 45409.3 1,077,710 | 45405.3 1,077,243 | 45193.6 1,073,369 | | 0.47 0.36 | |

| Undesired | | Total IX | | Unique IX | Prcnt Unique IX |
|--------------------|-------|----------|-------|-----------|-----------------|
| WJAX-TV D19 DT LIC | 84.1 | 685 | 80.1 | 683 | 0.18 0.06 |
| WGCL-TV D19 DT LIC | 16.0 | 2 | 12.1 | 0 | 0.03 0.00 |
| WCTV D20 DT APP | 115.6 | 3,189 | 115.6 | 3,189 | 0.25 0.30 |