

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

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WIFH_Ch16_Omni_Move_Less_Pre, Model: Longley-Rice
Start: 2019.04.17 19:48:35

Study created: 2019.04.17 19:07:17

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

Proposal: WIFH-LD D16 LD APP AUGUSTA, GA
File number: WIFH_Ch16_Omni_Move
Facility ID: 181854
Station data: User record
Record ID: 829
Country: U.S.

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

Search options:
Baseline record excluded if station has CP

Individual records excluded:
3369 WAGT-CD D16 DC BL AUGUSTA, GA DTVBL3369

Stations potentially affected by proposal:

| IX | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-----|---------|------|-----|--------|--------------------------|-------------------|----------|
| No | WAGC-LD | D15 | LD | CP | ATLANTA, GA | BLANK0000054666 | 187.4 km |
| Yes | WDDZ-LD | D15 | LD | CP | AUGUSTA, GA | BLANK0000036283 | 39.9 |
| No | WRBL | D15 | DT | LIC | COLUMBUS, GA | BLCDT20061013ABV | 273.9 |
| No | WGGD-LD | D15 | LD | LIC | GAINESVILLE, FL | BLDTL20121213AIK | 157.8 |
| No | WPHJ-LP | D15+ | LD | CP | VIDALIA, GA | BLANK0000054747 | 161.7 |
| No | W21CK-D | D15 | DC | CP | CHARLOTTE, NC | BLANK0000034509 | 216.7 |
| No | W31AZ-D | D15 | LD | CP | HENDERSONVILLE, NC | BLANK0000067627 | 143.1 |
| No | WLTX | D15 | DT | CP | COLUMBIA, SC | BLANK0000028035 | 151.8 |
| No | WNSC-TV | D15 | DT | LIC | ROCK HILL, SC | BLEDT20060111AAK | 177.9 |
| No | W38EI-D | D16 | LD | CP | Alexander City, AL | BLANK0000054791 | 345.6 |
| No | WALE-LD | D16 | LD | CP | MONTGOMERY, AL | BLANK0000053666 | 397.9 |
| No | WCJB-TV | D16 | DT | LIC | GAINESVILLE, FL | BLCDT20071119AJB | 457.9 |
| No | WJHG-TV | D16 | DT | LIC | PANAMA CITY, FL | BLANK0000068516 | 467.4 |
| No | NEW | D16 | LD | APP | TALLAHASSEE, FL | BNPDTL20090825AAP | 397.4 |
| No | NEW | D16 | LD | APP | TALLAHASSEE, FL | BNPDTL20090825BLQ | 365.3 |
| No | W38EM-D | D16 | LD | CP | ALBANY, GA | BLANK0000052733 | 293.3 |
| No | WYGA-CD | D16 | DC | LIC | ATLANTA, GA | BLDTL20090904ABS | 188.9 |
| No | WYBU-CD | D16 | DC | LIC | COLUMBUS, GA | BLDTA20091228ACN | 287.0 |
| No | WELF-TV | D16 | DT | LIC | DALTON, GA | BLCDT20130610ACF | 312.8 |
| No | W26DS-D | D16 | LD | CP | LA GRANGE, GA | BLANK0000053055 | 271.2 |
| No | WDMA-CD | D16 | DC | CP | MACON, GA | BLANK0000034487 | 154.8 |
| Yes | WGXA | D16 | DT | LIC | MACON, GA | BLCDT20070501AAI | 153.0 |
| Yes | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | 226.7 |
| Yes | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 201.5 |
| No | WKHA | D16 | DT | LIC | HAZARD, KY | BLANK0000001625 | 401.0 |
| No | WCEE-LD | D16 | LD | LIC | CHARLOTTE, NC | BLANK0000005163 | 232.2 |
| No | WCEE-LD | N16- | TX | LIC | CHARLOTTE, NC | BLTT20041025ACE | 232.2 |
| No | WPXU-TV | D16 | DT | CP | JACKSONVILLE, NC | BLANK0000026976 | 458.7 |
| Yes | W19CR-D | D16 | LD | CP | TRYON, NC | BLANK0000053446 | 179.2 |
| No | WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 350.4 |
| Yes | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK0000054557 | 127.7 |
| Yes | WJPM-TV | D16 | DT | CP | FLORENCE, SC | BLANK0000025028 | 247.5 |
| Yes | WPDE-TV | D16 | DT | LIC | FLORENCE, SC | BLCDT20080815ABI | 286.7 |
| Yes | WGGs-TV | D16 | DT | LIC | GREENVILLE, SC | BLCDT20130925AJI | 143.1 |
| No | WMKH-LD | D16 | LD | LIC | HILTON HEAD ISLAND, SC | BLDTL20121019ADL | 205.7 |
| No | W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK0000067625 | 143.1 |
| No | WAPK-CD | D16 | DC | LIC | BRISTOL VA/KINGSPORT, TN | BLANK0000070481 | 309.0 |
| No | WEZK-LP | D16z | LD | CP | KNOXVILLE, TN | BLANK0000053923 | 300.2 |
| No | WHTN | D16 | DT | CP | MURFREESBORO, TN | BLANK0000034213 | 461.8 |
| No | WLGA | D17 | DD | CP | OPELIKA, AL | BLANK0000030376 | 261.8 |
| No | WUVG-DT | D17 | LD | LIC | ATHENS, GA | BLCDT20091210ABP | 151.3 |

| | | | | | | | |
|----|---------|-----|----|-----|----------------|-------------------|-------|
| No | WDYI-LD | D17 | LD | LIC | MACON, GA | BLANK0000010902 | 153.4 |
| No | W17DW-D | D17 | LD | CP | SOPERTON, GA | BNPDTL20100510AHD | 137.0 |
| No | WUNE-TV | D17 | DT | LIC | LINVILLE, NC | BLEDT20091118ADR | 271.2 |
| No | WTAT-TV | D17 | DT | CP | CHARLESTON, SC | BLANK0000034503 | 256.5 |
| No | WLTX | D17 | DT | LIC | COLUMBIA, SC | BLCDT20050701AAC | 151.8 |
| No | WHNS | D17 | DT | CP | GREENVILLE, SC | BLANK0000024830 | 172.9 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Mask: Full Service
Latitude: 33 39 19.40 N (NAD83)
Longitude: 82 19 13.40 W
Height AMSL: 205.1 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic

48.9 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---------|---------|--------|----------|
| 0.0 deg | 15.0 kW | 95.4 m | 44.5 km |
| 45.0 | 15.0 | 100.8 | 45.2 |
| 90.0 | 15.0 | 99.9 | 45.1 |
| 135.0 | 15.0 | 105.9 | 45.7 |
| 180.0 | 15.0 | 93.6 | 44.3 |
| 225.0 | 15.0 | 61.5 | 39.5 |
| 270.0 | 15.0 | 99.2 | 45.0 |
| 315.0 | 15.0 | 90.8 | 43.9 |

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 93 m

Distance to Canadian border: 891.6 km

Distance to Mexican border: 1644.3 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 276.6 degrees Distance: 223.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 296.1 degrees Distance: 2151.8 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

Interference to BLANK0000036283 CP scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|------------------|---------------------|----------|
| Desired: | WDDZ-LD | D15 | LD | CP | AUGUSTA, GA | BLANK0000036283 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 39.9 km |
| | WDMN-LD | D14 | LD | CP | AUGUSTA, GA | BMPDTL20140528ACX | 2.3 |
| | WRBL | D15 | DT | LIC | COLUMBUS, GA | BLCDT20061013ABV | 266.7 |
| | W15CW-D | D15 | LD | LIC | FRANKLIN, NC | BLDTT20111227ABE | 243.0 |
| | WLTX | D15 | DT | CP | COLUMBIA, SC | BLANK0000028035 | 158.2 |
| | WCYD-LD | D15 | LD | LIC | MYRTLE BEACH, SC | BLANK0000006413 | 227.9 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|--------------------|---------|-----------------|---------|-------------------|---------|------------------|---------|----------------|------|
| 1105.0 | 289,022 | 1059.4 | 259,628 | 1002.8 | 236,009 | 995.8 | 235,196 | 0.69 | 0.34 |
| Undesired | | Total IX | | Unique IX, before | | Unique IX, after | | | |
| WIFH-LD D16 LD APP | | 8.9 | 2,397 | | | 6.9 | 813 | | |
| WDMN-LD D14 LD CP | | 4.0 | 190 | 4.0 | 190 | 4.0 | 190 | | |
| WRBL D15 DT LIC | | 3.0 | 2,072 | 2.0 | 1,004 | 2.0 | 1,004 | | |
| WLTX D15 DT CP | | 50.6 | 22,425 | 49.6 | 21,357 | 47.6 | 19,773 | | |

Interference to BLCDT20070501AAI LIC scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|-----------------|---------------------|----------|
| | WGXA | D16 | DT | LIC | MACON, GA | BLCDT20070501AAI | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 153.0 km |
| | WRBL | D15 | DT | LIC | COLUMBUS, GA | BLCDT20061013ABV | 124.8 |
| | WJHG-TV | D16 | DT | LIC | PANAMA CITY, FL | BLANK0000068516 | 317.9 |
| | WYGA-CD | D16 | DC | LIC | ATLANTA, GA | BLDTL20090904ABS | 133.3 |
| | WYBU-CD | D16 | DC | LIC | COLUMBUS, GA | BLDTA20091228ACN | 143.6 |
| | WELF-TV | D16 | DT | LIC | DALTON, GA | BLCDT20130610ACF | 287.4 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 225.6 |
| | WGGS-TV | D16 | DT | LIC | GREENVILLE, SC | BLCDT20130925AJI | 265.6 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|--------------------|---------|-----------------|---------|-------------------|---------|------------------|---------|----------------|------|
| 21685.7 | 761,927 | 21585.0 | 760,684 | 21038.5 | 752,001 | 21032.5 | 751,996 | 0.03 | 0.00 |
| Undesired | | Total IX | | Unique IX, before | | Unique IX, after | | | |
| WIFH-LD D16 LD APP | | 42.8 | 815 | | | 6.0 | 5 | | |
| WRBL D15 DT LIC | | 72.3 | 608 | 51.2 | 484 | 51.2 | 484 | | |
| WJHG-TV D16 DT LIC | | 26.2 | 272 | 15.1 | 103 | 15.1 | 103 | | |
| WYGA-CD D16 DC LIC | | 33.8 | 2,357 | 29.8 | 2,251 | 29.8 | 2,251 | | |
| WYBU-CD D16 DC LIC | | 33.1 | 59 | 8.0 | 11 | 7.0 | 11 | | |
| WELF-TV D16 DT LIC | | 8.0 | 215 | 0.0 | 0 | 0.0 | 0 | | |
| WSAV-TV D16 DT LIC | | 369.7 | 4,149 | 307.8 | 3,536 | 300.8 | 3,518 | | |
| WGGS-TV D16 DT LIC | | 98.4 | 1,989 | 57.6 | 1,504 | 46.7 | 931 | | |

Interference to BLANK0000034338 CP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|------------------|---------------------|----------|
| | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 226.7 km |
| | WAFF | D15 | DT | CP | HUNTSVILLE, AL | BLANK0000034153 | 178.4 |
| | WTNZ | D15 | DT | CP | KNOXVILLE, TN | BLANK0000055117 | 197.3 |
| | W47EI-D | D16 | DC | CP | BIRMINGHAM, AL | BLANK0000027943 | 219.6 |
| | WDMA-CD | D16 | DC | CP | MACON, GA | BLANK0000034487 | 187.0 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 399.8 |
| | WLOV-TV | D16 | DT | LIC | WEST POINT, MS | BLCDT20070405ABC | 412.8 |
| | WHTN | D16 | DT | CP | MURFREESBORO, TN | BLANK0000034213 | 254.7 |
| | WAAY-TV | D17 | DT | LIC | HUNTSVILLE, AL | BLANK0000071637 | 178.9 |
| | WLGA | D17 | DD | CP | OPELIKA, AL | BLANK0000030376 | 200.7 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|--------------------|-----------|-----------------|-----------|-------------------|-----------|------------------|-----------|----------------|------|
| 41232.5 | 6,586,413 | 38353.1 | 6,431,555 | 37341.3 | 6,349,849 | 37322.2 | 6,349,343 | 0.05 | 0.01 |
| Undesired | | Total IX | | Unique IX, before | | Unique IX, after | | | |
| WIFH-LD D16 LD APP | | 40.9 | 1,708 | | | 19.1 | 506 | | |
| WAFF D15 DT CP | | 298.3 | 10,399 | 7.0 | 342 | 7.0 | 342 | | |
| WTNZ D15 DT CP | | 6.0 | 0 | 2.0 | 0 | 2.0 | 0 | | |
| W47EI-D D16 DC CP | | 16.9 | 447 | 10.9 | 304 | 10.9 | 304 | | |
| WDMA-CD D16 DC CP | | 186.7 | 16,557 | 172.8 | 16,194 | 163.8 | 15,164 | | |
| WSAV-TV D16 DT LIC | | 17.8 | 282 | 6.9 | 139 | 2.0 | 63 | | |
| WLOV-TV D16 DT LIC | | 4.0 | 67 | 0.0 | 0 | 0.0 | 0 | | |
| WHTN D16 DT CP | | 599.9 | 30,314 | 291.6 | 19,292 | 291.6 | 19,292 | | |
| WAAY-TV D17 DT LIC | | 341.6 | 12,608 | 23.1 | 1,214 | 23.1 | 1,214 | | |
| WLGA D17 DD CP | | 145.1 | 31,832 | 142.1 | 31,612 | 142.1 | 31,612 | | |

Interference to BLANK0000034338 CP scenario 2

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|----------|---------|------|-----|--------|-------------|-----------------|----------|
| | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | |

| | | | | | | | |
|-------------|---------|-----|----|-----|------------------|---------------------|----------|
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 226.7 km |
| | WAFF | D15 | DT | CP | HUNTSVILLE, AL | BLANK0000034153 | 178.4 |
| | WTNZ | D15 | DT | CP | KNOXVILLE, TN | BLANK0000055117 | 197.3 |
| | W47EI-D | D16 | DC | CP | BIRMINGHAM, AL | BLANK0000027943 | 219.6 |
| | WDMA-CD | D16 | DC | CP | MACON, GA | BLANK0000034487 | 187.0 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 399.8 |
| | WLOV-TV | D16 | DT | LIC | WEST POINT, MS | BLCDDT20070405ABC | 412.8 |
| | WHTN | D16 | DT | CP | MURFREESBORO, TN | BLANK0000034213 | 254.7 |
| | WAAY-TV | D17 | DT | CP | HUNTSVILLE, AL | BLANK0000027632 | 178.9 |
| | WLGA | D17 | DD | CP | OPELIKA, AL | BLANK0000030376 | 200.7 |

| | | | | |
|-------------------|-------------------|-------------------|-------------------|----------------|
| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New IX |
| 41232.5 6,586,413 | 38353.1 6,431,555 | 37341.3 6,349,849 | 37322.2 6,349,343 | 0.05 0.01 |

| | | | |
|--------------------|--------------|-------------------|------------------|
| Undesired | Total IX | Unique IX, before | Unique IX, after |
| WIFH-LD D16 LD APP | 40.9 1,708 | 19.1 506 | |
| WAFF D15 DT CP | 298.3 10,399 | 7.0 342 | |
| WTNZ D15 DT CP | 6.0 0 | 2.0 0 | |
| W47EI-D D16 DC CP | 16.9 447 | 10.9 304 | |
| WDMA-CD D16 DC CP | 186.7 16,557 | 163.8 15,164 | |
| WSAV-TV D16 DT LIC | 17.8 282 | 2.0 63 | |
| WLOV-TV D16 DT LIC | 4.0 67 | 0.0 0 | |
| WHTN D16 DT CP | 599.9 30,314 | 291.6 19,292 | |
| WAAY-TV D17 DT CP | 341.6 12,608 | 23.1 1,214 | |
| WLGA D17 DD CP | 145.1 31,832 | 142.1 31,612 | |

Interference to BLANK0000055021 LIC scenario 1

| | | | | | | | |
|--------------------|-------------------|-------------------|------------------|----------------|-----------------|---------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 201.5 km |
| | WCJB-TV | D16 | DT | LIC | GAINESVILLE, FL | BLCDDT20071119AJB | 299.4 |
| | WDMA-CD | D16 | DC | CP | MACON, GA | BLANK0000034487 | 239.0 |
| | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | 399.8 |
| | WJPM-TV | D16 | DT | CP | FLORENCE, SC | BLANK0000025028 | 286.2 |
| | WTAT-TV | D17 | DT | CP | CHARLESTON, SC | BLANK0000034503 | 179.4 |
| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New IX | | | |
| 39843.8 1,000,457 | 39812.7 1,000,370 | 39406.8 995,109 | 39384.8 994,954 | 0.06 0.02 | | | |
| Undesired | Total IX | Unique IX, before | Unique IX, after | | | | |
| WIFH-LD D16 LD APP | 34.0 210 | 22.0 155 | | | | | |
| WCJB-TV D16 DT LIC | 3.0 14 | 2.0 0 | | | | | |
| WDMA-CD D16 DC CP | 4.0 34 | 0.0 0 | | | | | |
| WPXA-TV D16 DT CP | 13.0 55 | 3.0 0 | | | | | |
| WJPM-TV D16 DT CP | 1.0 0 | 1.0 0 | | | | | |
| WTAT-TV D17 DT CP | 386.8 5,192 | 386.8 5,192 | | | | | |

Interference to BLANK0000053446 CP scenario 1

| | | | | | | | |
|--------------------|-----------------|-------------------|------------------|----------------|--------------------|---------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | W19CR-D | D16 | LD | CP | TRYON, NC | BLANK0000053446 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 179.2 km |
| | W15CW-D | D15 | LD | LIC | FRANKLIN, NC | BLDDTT20111227ABE | 121.8 |
| | W31AZ-D | D15 | LD | CP | HENDERSONVILLE, NC | BLANK0000067627 | 39.3 |
| | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | 243.7 |
| | WCEE-LD | D16 | LD | LIC | CHARLOTTE, NC | BLANK00000005163 | 141.4 |
| | WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 208.8 |
| | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK0000054557 | 167.5 |
| | W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK0000067625 | 39.3 |
| | WHNS | D17 | DT | CP | GREENVILLE, SC | BLANK0000024830 | 40.9 |
| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New IX | | | |
| 5183.1 509,038 | 4595.6 455,213 | 3751.0 281,481 | 3751.0 281,481 | 0.00 0.00 | | | |
| Undesired | Total IX | Unique IX, before | Unique IX, after | | | | |
| WIFH-LD D16 LD APP | 1.0 161 | 0.0 0 | | | | | |
| W31AZ-D D15 LD CP | 6.0 505 | 0.0 0 | | | | | |
| WPXA-TV D16 DT CP | 1.0 26 | 0.0 0 | | | | | |

| | | | | | | |
|--------------------|-------|---------|-------|---------|-------|---------|
| WCEE-LD D16 LD LIC | 7.0 | 531 | 3.0 | 503 | 3.0 | 503 |
| WXII-TV D16 DT CP | 17.0 | 502 | 8.0 | 207 | 8.0 | 207 |
| WKDC-LD D16 LD CP | 1.0 | 76 | 0.0 | 0 | 0.0 | 0 |
| W28DB-D D16 LD CP | 524.9 | 142,780 | 456.9 | 133,582 | 456.9 | 133,582 |
| WHNS D17 DT CP | 371.7 | 39,246 | 301.8 | 30,126 | 300.8 | 29,965 |

Interference to BLANK0000053446 CP scenario 2

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|--------------|-----------------|---------|-----------------|--------------------|---------------------|----------------|
| | W19CR-D | D16 | LD | CP | TRYON, NC | BLANK0000053446 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 179.2 km |
| | W15CW-D | D15 | LD | LIC | FRANKLIN, NC | BLD TT20111227ABE | 121.8 |
| | W31AZ-D | D15 | LD | CP | HENDERSONVILLE, NC | BLANK0000067627 | 39.3 |
| | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | 243.7 |
| | WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 208.8 |
| | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK0000054557 | 167.5 |
| | W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK0000067625 | 39.3 |
| | WCEE-LD | D17 | LD | CP | CHARLOTTE, NC | BLANK0000054738 | 141.4 |
| | WHNS | D17 | DT | CP | GREENVILLE, SC | BLANK0000024830 | 40.9 |
| | | | | | | | |
| | Service area | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 5183.1 | 509,038 | 4595.6 | 455,213 | 3754.0 | 281,984 | 3754.0 281,984 | 0.00 0.00 |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|--------------------|---------------|-------------------|------------------|
| WIFH-LD D16 LD APP | 1.0 161 | 0.0 0 | |
| W31AZ-D D15 LD CP | 6.0 505 | 0.0 0 | |
| WPXA-TV D16 DT CP | 1.0 26 | 0.0 0 | |
| WXII-TV D16 DT CP | 17.0 502 | 11.0 209 | |
| WKDC-LD D16 LD CP | 1.0 76 | 0.0 0 | |
| W28DB-D D16 LD CP | 524.9 142,780 | 456.9 133,582 | |
| WHNS D17 DT CP | 371.7 39,246 | 301.8 30,126 | |

Interference to BLANK0000054557 CP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|--------------|-----------------|---------|-----------------|-------------------|---------------------|----------------|
| | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK0000054557 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 127.7 km |
| | WLTX | D15 | DT | CP | COLUMBIA, SC | BLANK0000028035 | 26.8 |
| | WCYD-LD | D15 | LD | LIC | MYRTLE BEACH, SC | BLANK0000006413 | 125.2 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 230.2 |
| | WCEE-LD | D16 | LD | LIC | CHARLOTTE, NC | BLANK0000005163 | 130.3 |
| | W19CR-D | D16 | LD | CP | TRYON, NC | BLANK0000053446 | 167.5 |
| | WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 258.2 |
| | WJPM-TV | D16 | DT | CP | FLORENCE, SC | BLANK0000025028 | 121.9 |
| | W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK0000067625 | 154.2 |
| | | | | | | | |
| | Service area | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 6681.8 | 718,793 | 6572.9 | 716,757 | 5341.9 | 679,851 | 5340.9 679,807 | 0.02 0.01 |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|--------------------|---------------|-------------------|------------------|
| WIFH-LD D16 LD APP | 12.0 255 | 1.0 44 | |
| WLTX D15 DT CP | 1136.0 35,161 | 936.2 30,338 | |
| WSAV-TV D16 DT LIC | 102.5 2,184 | 31.8 310 | |
| WCEE-LD D16 LD LIC | 3.0 3 | 0.0 0 | |
| W19CR-D D16 LD CP | 3.0 79 | 0.0 0 | |
| WXII-TV D16 DT CP | 36.8 199 | 0.0 0 | |
| WJPM-TV D16 DT CP | 197.9 3,992 | 21.0 275 | |
| W28DB-D D16 LD CP | 49.2 1,352 | 14.1 357 | |

Interference to BLANK0000054557 CP scenario 2

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|------------------|---------------------|----------|
| | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK0000054557 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 127.7 km |
| | WLTX | D15 | DT | CP | COLUMBIA, SC | BLANK0000028035 | 26.8 |
| | WCYD-LD | D15 | LD | LIC | MYRTLE BEACH, SC | BLANK0000006413 | 125.2 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 230.2 |
| | W19CR-D | D16 | LD | CP | TRYON, NC | BLANK0000053446 | 167.5 |

| | | | | | | |
|---------|-----|----|----|-------------------|-----------------|-------|
| WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 258.2 |
| WJPM-TV | D16 | DT | CP | FLORENCE, SC | BLANK0000025028 | 121.9 |
| W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK0000067625 | 154.2 |
| WCEE-LD | D17 | LD | CP | CHARLOTTE, NC | BLANK0000054738 | 130.3 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|--------------|---------|-----------------|---------|-----------------|---------|----------------|---------|----------------|------|
| 6681.8 | 718,793 | 6572.9 | 716,757 | 5341.9 | 679,851 | 5340.9 | 679,807 | 0.02 | 0.01 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|--------------------|--------|----------|-------------------|--------|------------------|--------|
| WIFH-LD D16 LD APP | 12.0 | 255 | | | 1.0 | 44 |
| WLTX D15 DT CP | 1136.0 | 35,161 | 936.2 | 30,338 | 936.2 | 30,338 |
| WSAV-TV D16 DT LIC | 102.5 | 2,184 | 32.8 | 313 | 30.8 | 265 |
| W19CR-D D16 LD CP | 3.0 | 79 | 0.0 | 0 | 0.0 | 0 |
| WXII-TV D16 DT CP | 36.8 | 199 | 0.0 | 0 | 0.0 | 0 |
| WJPM-TV D16 DT CP | 197.9 | 3,992 | 21.0 | 275 | 21.0 | 275 |
| W28DB-D D16 LD CP | 49.2 | 1,352 | 14.1 | 357 | 14.1 | 357 |

Interference to BLANK0000054557 CP scenario 3

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|-------------------|---------------------|----------|
| | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK0000054557 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 127.7 km |
| | WLTX | D15 | DT | CP | COLUMBIA, SC | BLANK0000028035 | 26.8 |
| | WCYD-LD | D15 | LD | LIC | MYRTLE BEACH, SC | BLANK0000006413 | 125.2 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 230.2 |
| | WCEE-LD | N16- | TX | LIC | CHARLOTTE, NC | BLTT20041025ACE | 130.3 |
| | W19CR-D | D16 | LD | CP | TRYON, NC | BLANK0000053446 | 167.5 |
| | WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 258.2 |
| | WJPM-TV | D16 | DT | CP | FLORENCE, SC | BLANK0000025028 | 121.9 |
| | W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK0000067625 | 154.2 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|--------------|---------|-----------------|---------|-----------------|---------|----------------|---------|----------------|------|
| 6681.8 | 718,793 | 6572.9 | 716,757 | 5341.9 | 679,851 | 5340.9 | 679,807 | 0.02 | 0.01 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|---------------------|--------|----------|-------------------|--------|------------------|--------|
| WIFH-LD D16 LD APP | 12.0 | 255 | | | 1.0 | 44 |
| WLTX D15 DT CP | 1136.0 | 35,161 | 936.2 | 30,338 | 936.2 | 30,338 |
| WSAV-TV D16 DT LIC | 102.5 | 2,184 | 32.8 | 313 | 30.8 | 265 |
| WCEE-LD N16- TX LIC | 1.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| W19CR-D D16 LD CP | 3.0 | 79 | 0.0 | 0 | 0.0 | 0 |
| WXII-TV D16 DT CP | 36.8 | 199 | 0.0 | 0 | 0.0 | 0 |
| WJPM-TV D16 DT CP | 197.9 | 3,992 | 21.0 | 275 | 21.0 | 275 |
| W28DB-D D16 LD CP | 49.2 | 1,352 | 14.1 | 357 | 14.1 | 357 |

Interference to BLANK0000025028 CP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|---------|------|-----|--------|-------------------|---------------------|----------|
| | WJPM-TV | D16 | DT | CP | FLORENCE, SC | BLANK0000025028 | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 247.5 km |
| | WLTX | D15 | DT | CP | COLUMBIA, SC | BLANK0000028035 | 96.0 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 286.2 |
| | WPXU-TV | D16 | DT | CP | JACKSONVILLE, NC | BLANK0000026976 | 212.2 |
| | WXII-TV | D16 | DT | CP | WINSTON-SALEM, NC | BLANK0000034697 | 239.8 |
| | WTAT-TV | D17 | DT | CP | CHARLESTON, SC | BLANK0000034503 | 149.0 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | |
|--------------|---------|-----------------|---------|-----------------|---------|----------------|---------|----------------|------|
| 17234.7 | 622,849 | 17210.7 | 622,519 | 16917.2 | 612,263 | 16917.2 | 612,263 | 0.00 | 0.00 |

| Undesired | | Total IX | Unique IX, before | | Unique IX, after | |
|--------------------|-------|----------|-------------------|-------|------------------|-------|
| WIFH-LD D16 LD APP | 3.0 | 90 | | | 0.0 | 0 |
| WLTX D15 DT CP | 139.4 | 3,934 | 70.2 | 2,291 | 70.2 | 2,291 |
| WSAV-TV D16 DT LIC | 41.1 | 979 | 0.0 | 0 | 0.0 | 0 |
| WPXU-TV D16 DT CP | 26.1 | 924 | 0.0 | 0 | 0.0 | 0 |
| WXII-TV D16 DT CP | 173.5 | 7,081 | 121.3 | 5,823 | 121.3 | 5,823 |
| WTAT-TV D17 DT CP | 29.7 | 428 | 29.7 | 428 | 29.7 | 428 |

Interference to BLCDT20080815ABI LIC scenario 1

| Call | Chan | Svc | Status | City, State | File Number | Distance |
|------|------|-----|--------|-------------|-------------|----------|
|------|------|-----|--------|-------------|-------------|----------|

| | | | | | | | |
|--------------|-----------|-----------------|-----------|-----------------|---------------------|---------------------|----------------|
| Desired: | WPDE-TV | D16 | DT | LIC | FLORENCE, SC | BLCDDT20080815ABI | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 286.7 km |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 315.2 |
| | WGGS-TV | D16 | DT | LIC | GREENVILLE, SC | BLCDDT20130925AJI | 288.8 |
| | WHRO-TV | D16 | DT | LIC | HAMPTON-NORFOLK, VA | BLEDDT20090701AFO | 372.7 |
| | WNCN | D17 | DT | LIC | GOLDSBORO, NC | BMLCDDT20140925AEP | 162.6 |
| | WLTX | D17 | DT | LIC | COLUMBIA, SC | BLCDDT20050701AAC | 135.1 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 40120.4 | 1,761,141 | 39943.8 | 1,755,045 | 39063.7 | 1,717,903 | 39063.7 1,717,903 | 0.00 0.00 |

| | | | | |
|--------------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WIFH-LD D16 LD APP | 8.0 | 27 | | 0.0 0 |
| WSAV-TV D16 DT LIC | 115.0 | 2,944 | 6.0 0 | 6.0 0 |
| WGGS-TV D16 DT LIC | 468.5 | 6,911 | 272.1 2,027 | 272.1 2,027 |
| WHRO-TV D16 DT LIC | 11.0 | 606 | 2.0 0 | 2.0 0 |
| WNCN D17 DT LIC | 259.2 | 23,870 | 248.2 23,264 | 248.2 23,264 |
| WLTX D17 DT LIC | 338.9 | 11,245 | 129.4 5,831 | 129.4 5,831 |

Interference to BLCDDT20130925AJI LIC scenario 1
 **IX: 0.73% interference caused

| | | | | | | | |
|--------------|-----------|-----------------|-----------|-----------------|--------------------------|---------------------|----------------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WGGS-TV | D16 | DT | LIC | GREENVILLE, SC | BLCDDT20130925AJI | |
| Undesireds: | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | 143.1 km |
| | WYGA-CD | D16 | DC | LIC | ATLANTA, GA | BLDTL20090904ABS | 222.8 |
| | WELF-TV | D16 | DT | LIC | DALTON, GA | BLCDDT20130610ACF | 274.5 |
| | WGXA | D16 | DT | LIC | MACON, GA | BLCDDT20070501AAI | 265.6 |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 336.5 |
| | WKHA | D16 | DT | LIC | HAZARD, KY | BLANK0000001625 | 259.9 |
| | WPDE-TV | D16 | DT | LIC | FLORENCE, SC | BLCDDT20080815ABI | 288.8 |
| | WAPK-CD | D16 | DC | LIC | BRISTOL VA/KINGSPORT, TN | BLANK00000070481 | 167.5 |
| | WUNE-TV | D17 | DT | LIC | LINVILLE, NC | BLEDDT20091118ADR | 135.0 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 30017.5 | 2,162,598 | 28497.3 | 1,985,227 | 28319.7 | 1,980,359 | 28044.0 1,965,907 | 0.97 0.73 |

| | | | | |
|--------------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WIFH-LD D16 LD APP | 320.5 | 15,378 | | 275.6 14,452 |
| WYGA-CD D16 DC LIC | 3.0 | 0 | 1.0 0 | 1.0 0 |
| WELF-TV D16 DT LIC | 18.0 | 865 | 9.0 168 | 8.0 168 |
| WGXA D16 DT LIC | 88.1 | 1,999 | 72.1 1,298 | 51.1 716 |
| WSAV-TV D16 DT LIC | 11.0 | 26 | 5.0 13 | 3.0 0 |
| WKHA D16 DT LIC | 1.0 | 0 | 0.0 0 | 0.0 0 |
| WPDE-TV D16 DT LIC | 33.9 | 657 | 30.9 653 | 22.9 498 |
| WAPK-CD D16 DC LIC | 5.0 | 21 | 4.0 21 | 1.0 0 |
| WUNE-TV D17 DT LIC | 38.7 | 2,014 | 37.7 2,014 | 35.7 1,999 |

Interference to proposal scenario 1
 5.30% interference received

| | | | | | | | |
|--------------|---------|-----------------|---------|---------|----------------|---------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WIFH-LD | D16 | LD | APP | AUGUSTA, GA | WIFH_Ch16_Omni_Move | |
| Undesireds: | WPXA-TV | D16 | DT | CP | ROME, GA | BLANK0000034338 | 226.7 km |
| | WSAV-TV | D16 | DT | LIC | SAVANNAH, GA | BLANK0000055021 | 201.5 |
| | WCEE-LD | D16 | LD | LIC | CHARLOTTE, NC | BLANK0000005163 | 232.2 |
| | WKDC-LD | D16 | LD | CP | COLUMBIA, SC | BLANK00000054557 | 127.7 |
| | W28DB-D | D16 | LD | CP | HONEA PATH, SC | BLANK00000067625 | 143.1 |
| Service area | | Terrain-limited | | IX-free | Percent IX | | |
| 6188.2 | 435,120 | 6093.9 | 415,725 | 5899.6 | 393,704 | 3.19 5.30 | |

| | | | | |
|--------------------|-------|----------|--------------|-----------------|
| Undesired | | Total IX | Unique IX | Prcnt Unique IX |
| WPXA-TV D16 DT CP | 72.5 | 8,752 | 21.8 3,930 | 0.36 0.95 |
| WSAV-TV D16 DT LIC | 164.6 | 18,054 | 107.1 13,184 | 1.76 3.17 |
| WKDC-LD D16 LD CP | 2.0 | 17 | 0.0 0 | 0.00 0.00 |
| W28DB-D D16 LD CP | 15.8 | 144 | 6.9 31 | 0.11 0.01 |