

INTERFERENCE ANALYSIS FOR W38DL-D (STA), ADAMS, MA, SPECIAL TEMPORARY AUTHORITY (CHANNEL 35)

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: w38dl_st2, Model: Longley-Rice

Study build station data: LMS TV 2019-11-06

Proposal: W38DL-ST2 D35 LD STA ADAMS, MA
File number: w38dl_st2
Facility ID: 73358
Station data: User record
Record ID: 4165
Country: U.S.

Search options:
Baseline record excluded if station has CP

Stations potentially affected by proposal:

| IX | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-----|---------|------|-----|--------|--------------------------|------------------|----------|
| No | W20CM | N20- | TX | LIC | PORT JERVIS, NY | BLTTL20071129AIS | 188.6 km |
| No | W21CQ | N21+ | TX | LIC | BENNINGTON, VT | BLTTL20061201AAG | 51.5 |
| No | W28AJ | N28z | TX | LIC | ALLINGTON, CT | BLTTL20010608AAO | 150.5 |
| Yes | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 107.4 |
| Yes | WFXT | D34 | DT | LIC | BOSTON, MA | BLANK0000080060 | 164.2 |
| No | WCRN-LD | N34+ | TX | LIC | BOSTON, MA | BLTTL19960130JB | 110.4 |
| No | WTXX-LD | D34 | LD | LIC | SPRINGFIELD, MA | BLANK0000022340 | 135.0 |
| No | WPXT | D34 | DT | CP | PORTLAND, ME | BLANK0000064060 | 236.7 |
| No | WPXN-TV | D34 | DT | LIC | NEW YORK, NY | BLANK0000086780 | 225.1 |
| No | WYCI | D34 | DT | LIC | SARANAC LAKE, NY | BLANK0000078627 | 204.6 |
| Yes | WFXV | D34 | DT | CP | UTICA, NY | BLANK0000029986 | 172.9 |
| No | WSWB | D34 | DT | LIC | SCRANTON, PA | BLANK0000079375 | 250.0 |
| Yes | WHCT-LD | D35 | LD | CP | HARTFORD, NEW HAVEN, CT | BLANK0000074954 | 107.4 |
| Yes | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 164.1 |
| No | WFW-LP | D35- | LD | CP | FAIRFIELD/WATERVILLE, ME | BLANK0000030286 | 349.6 |
| Yes | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | 225.1 |
| No | WENY-TV | D35 | DT | CP | ELMIRA, NY | BLANK0000034793 | 325.6 |
| No | WWLF-LP | D35z | LD | CP | SYRACUSE, NY | BLANK0000053619 | 248.7 |
| No | WWLF-LP | N35z | TX | LIC | SYRACUSE, NY | BLTTA20050922ACH | 248.7 |
| No | WNYF-CD | D35 | DC | LIC | WATERTOWN, NY | BLDTL20090924ABW | 253.6 |
| No | WGAL | D35 | LD | LIC | LANCASTER, PA | BLANK0000078573 | 399.7 |
| No | WPPA-CD | D35 | DC | LIC | PHILADELPHIA, PA | BLANK0000079887 | 336.1 |
| Yes | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | 100.4 |
| No | WCEA-LD | D36 | LD | CP | BOSTON, MA | BLANK0000053501 | 174.5 |
| No | WMEA-TV | D36 | DT | CP | BIDDEFORD, ME | BLANK0000034397 | 210.7 |
| No | W50DP-D | D36 | LD | CP | HANOVER, NH | BLANK0000067834 | 144.7 |
| No | WCBS-TV | D36 | DT | LIC | NEW YORK, NY | BLANK0000086487 | 225.1 |
| No | WCFE-TV | D36 | DT | CP | PLATTSBURGH, NY | BLANK0000034025 | 235.9 |
| No | WSPX-TV | D36 | DT | LIC | SYRACUSE, NY | BLANK0000081964 | 235.4 |
| Yes | WNGN-LD | D36 | LD | LIC | TROY, NY | BLANK0000082225 | 51.5 |
| No | WYCN-LD | D36 | LD | LIC | Providence, RI | BLANK0000085659 | 180.2 |
| No | W23ER-D | N42z | TX | LIC | POUGHKEEPSIE, NY | BLTTL20040225AAW | 122.7 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35
Mask: Simple
Latitude: 42 38 14.00 N (NAD83)
Longitude: 73 10 6.00 W
Height AMSL: 1102.0 m
HAAT: 626.0 m
Peak ERP: 0.750 kW
Antenna: DIE-TLP-24B(C) (ID 85270) 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.35

50.8 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---------|----------|---------|----------|
| 0.0 deg | 0.512 kW | 614.7 m | 46.5 km |
| 45.0 | 0.269 | 602.9 | 42.3 |
| 90.0 | 0.276 | 627.8 | 42.9 |
| 135.0 | 0.303 | 605.8 | 43.1 |

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| | | | |
|-------|-------|-------|------|
| 180.0 | 0.244 | 620.1 | 42.0 |
| 225.0 | 0.399 | 570.7 | 44.3 |
| 270.0 | 0.678 | 645.3 | 48.8 |
| 315.0 | 0.733 | 724.6 | 50.6 |

Proposal 25.77 dBu contour does not cross Canadian border
Distance to Canadian border: 264.1 km

Distance to Mexican border: 2843.3 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 276.6 degrees Distance: 335.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 275.0 degrees Distance: 2671.1 km

Study cell size: 1.00 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%

----- Interference to BLANK0000080032 LIC scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance | | |
|-------------|--------------|-----------|---------|-----------------|----------------|-----------------|----------------|----------------|-----------|
| Desired: | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | | | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 107.4 km | | |
| | WCCT-TV | D33 | DT | LIC | WATERBURY, CT | BLANK0000080031 | 0.0 | | |
| | WCVB-TV | D33 | DT | CP | BOSTON, MA | BLANK0000034567 | 148.0 | | |
| | WPPX-TV | D34 | DT | CP | WILMINGTON, DE | BLANK0000034931 | 273.8 | | |
| | WFXT | D34 | DT | LIC | BOSTON, MA | BLANK0000080060 | 149.0 | | |
| | WPXT | D34 | DT | CP | PORTLAND, ME | BLANK0000064060 | 291.9 | | |
| | WPXN-TV | D34 | DT | LIC | NEW YORK, NY | BLANK0000086780 | 147.9 | | |
| | WFXV | D34 | DT | CP | UTICA, NY | BLANK0000029986 | 250.3 | | |
| | WSWB | D34 | DT | LIC | SCRANTON, PA | BLANK0000079375 | 242.7 | | |
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 149.6 | | |
| | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | 147.9 | | |
| | Service area | | | Terrain-limited | | IX-free, before | IX-free, after | Percent New IX | |
| | 32571.1 | 5,324,514 | 28728.5 | 4,746,517 | 24170.8 | 3,903,849 | 24048.7 | 3,898,025 | 0.51 0.15 |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|----------------------|----------|-------------------|------------------|
| W38DL-ST2 D35 LD STA | 248.3 | 8,751 | 122.1 5,824 |
| WCCT-TV D33 DT LIC | 10.1 | 4,829 | 7.0 2,743 |
| WCVB-TV D33 DT CP | 345.5 | 71,688 | 9.0 923 |
| WPPX-TV D34 DT CP | 75.3 | 11,612 | 2.0 78 |
| WFXT D34 DT LIC | 3083.0 | 542,113 | 1827.0 195,608 |
| WPXT D34 DT CP | 3.0 | 1,508 | 0.0 0 |
| WPXN-TV D34 DT LIC | 2352.0 | 604,461 | 1152.9 262,038 |
| WFXV D34 DT CP | 227.4 | 8,146 | 121.8 3,472 |
| WSWB D34 DT LIC | 52.2 | 4,122 | 3.0 25 |
| WHDH D35 DT CP | 324.6 | 75,565 | 10.0 2,429 |
| WNJU D35 DT LIC | 289.0 | 126,645 | 0.0 0 |

----- Interference to BLANK0000080060 LIC scenario 1

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|-----------|------|-----|--------|---------------|-----------------|----------|
| Desired: | WFXT | D34 | DT | LIC | BOSTON, MA | BLANK0000080060 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 164.2 km |
| | WCCT-TV | D33 | DT | LIC | WATERBURY, CT | BLANK0000080031 | 149.0 |
| | WCVB-TV | D33 | DT | CP | BOSTON, MA | BLANK0000034567 | 1.7 |
| | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 149.0 |
| | WPXT | D34 | DT | CP | PORTLAND, ME | BLANK0000064060 | 175.4 |
| | WPXN-TV | D34 | DT | LIC | NEW YORK, NY | BLANK0000086780 | 292.1 |
| | WFXV | D34 | DT | CP | UTICA, NY | BLANK0000029986 | 336.4 |
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 0.9 |

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| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX |
|----------------------|-----------|-----------------|-----------|-------------------|-----------|------------------|-----------|--|
| 30728.0 | 7,497,085 | 29473.4 | 7,405,662 | 25547.6 | 7,106,855 | 25544.6 | 7,106,364 | 0.01 0.01 |
| Undesired | | Total IX | | Unique IX, before | | Unique IX, after | | |
| W38DL-ST2 D35 LD STA | 20.1 | | 1,371 | | | 3.0 | 491 | |
| WCCT-TV D33 DT LIC | 67.0 | | 2,132 | 0.0 | 0 | 0.0 | 0 | |
| WCVB-TV D33 DT CP | 184.9 | | 28,644 | 99.6 | 22,645 | 99.6 | 22,645 | |
| WTIC-TV D34 DT LIC | 2296.9 | | 190,584 | 1991.0 | 162,488 | 1991.0 | 162,488 | |
| WPXT D34 DT CP | 1548.4 | | 90,359 | 1418.0 | 71,575 | 1418.0 | 71,575 | |
| WPXN-TV D34 DT LIC | 101.3 | | 5,956 | 10.0 | 366 | 10.0 | 366 | |
| WFXV D34 DT CP | 54.3 | | 1,760 | 10.0 | 142 | 8.0 | 86 | |
| WHDH D35 DT CP | 93.3 | | 13,174 | 41.1 | 9,800 | 41.1 | 9,800 | |

Interference to BLANK0000029986 CP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|-----------|------|-----|--------|------------------|------------------|----------|
| | WFXV | D34 | DT | CP | UTICA, NY | BLANK0000029986 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 172.9 km |
| | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 250.3 |
| | WPPX-TV | D34 | DT | CP | WILMINGTON, DE | BLANK0000034931 | 344.7 |
| | WFXT | D34 | DT | LIC | BOSTON, MA | BLANK0000080060 | 336.4 |
| | WKBW-TV | D34 | DT | CP | BUFFALO, NY | BLANK0000034829 | 286.1 |
| | WPXN-TV | D34 | DT | LIC | NEW YORK, NY | BLANK0000086780 | 286.9 |
| | WYCI | D34 | DT | LIC | SARANAC LAKE, NY | BLANK0000078627 | 157.3 |
| | WSWB | D34 | DT | LIC | SCRANTON, PA | BLANK0000079375 | 195.3 |
| | WNYF-CD | D35 | DC | LIC | WATERTOWN, NY | BLDTL20090924ABW | 100.4 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX |
|----------------------|---------|-----------------|---------|-------------------|---------|------------------|---------|--|
| 21361.7 | 697,218 | 19031.3 | 597,862 | 18312.6 | 585,780 | 18298.5 | 585,344 | 0.08 0.07 |
| Undesired | | Total IX | | Unique IX, before | | Unique IX, after | | |
| W38DL-ST2 D35 LD STA | 25.1 | | 1,083 | | | 14.1 | 436 | |
| WTIC-TV D34 DT LIC | 96.6 | | 4,486 | 61.4 | 1,064 | 55.3 | 680 | |
| WPPX-TV D34 DT CP | 2.0 | | 175 | 0.0 | 0 | 0.0 | 0 | |
| WFXT D34 DT LIC | 23.2 | | 2,964 | 6.1 | 17 | 6.1 | 17 | |
| WKBW-TV D34 DT CP | 104.0 | | 2,753 | 60.5 | 1,985 | 60.5 | 1,985 | |
| WPXN-TV D34 DT LIC | 3.0 | | 49 | 1.0 | 8 | 1.0 | 8 | |
| WYCI D34 DT LIC | 5.1 | | 0 | 2.0 | 0 | 2.0 | 0 | |
| WSWB D34 DT LIC | 298.1 | | 4,373 | 174.8 | 1,759 | 173.8 | 1,725 | |
| WNYF-CD D35 DC LIC | 344.4 | | 2,834 | 275.5 | 1,992 | 275.5 | 1,992 | |

Interference to BLANK0000074954 CP scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------|-----------|------|-----|--------|-------------------------|-----------------|----------|
| | WHCT-LD | D35 | LD | CP | HARTFORD, NEW HAVEN, CT | BLANK0000074954 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 107.4 km |
| | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 0.0 |
| | WTXX-LD | D34 | LD | LIC | SPRINGFIELD, MA | BLANK0000022340 | 31.4 |
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 149.6 |
| | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | 147.9 |
| | WWLF-LP | D35z | LD | CP | SYRACUSE, NY | BLANK0000053619 | 312.4 |
| | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | 8.2 |
| | WCBS-TV | D36 | DT | LIC | NEW YORK, NY | BLANK0000086487 | 147.9 |

| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX |
|----------------------|-----------|-----------------|-----------|-------------------|-----------|------------------|-----------|--|
| 9696.2 | 2,680,649 | 8477.3 | 2,447,779 | 6214.6 | 1,872,239 | 6198.6 | 1,871,640 | 0.26 0.03 |
| Undesired | | Total IX | | Unique IX, before | | Unique IX, after | | |
| W38DL-ST2 D35 LD STA | 96.8 | | 4,939 | | | 16.0 | 599 | |
| WTIC-TV D34 DT LIC | 1213.2 | | 217,162 | 558.1 | 103,892 | 547.1 | 103,544 | |
| WTXX-LD D34 LD LIC | 327.7 | | 196,598 | 54.4 | 71,432 | 54.4 | 71,432 | |
| WHDH D35 DT CP | 559.5 | | 122,627 | 120.4 | 20,934 | 114.4 | 20,873 | |
| WNJU D35 DT LIC | 999.8 | | 250,871 | 287.6 | 69,758 | 284.6 | 69,718 | |
| WFSB D36 DT LIC | 543.8 | | 122,407 | 190.8 | 59,738 | 182.8 | 59,222 | |
| WCBS-TV D36 DT LIC | 5.0 | | 2,132 | 0.0 | 0 | 0.0 | 0 | |

Interference to BLANK0000067937 CP scenario 1

INTERFERENCE ANALYSIS FOR W38DL-D (STA), ADAMS, MA, SPECIAL TEMPORARY AUTHORITY (CHANNEL 35)

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------------|-----------|-------------------|-----|-------------------|---------------|-------------------|------------------|
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 164.1 km |
| | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 149.6 |
| | WFXT | D34 | DT | LIC | BOSTON, MA | BLANK0000080060 | 0.9 |
| | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | 292.8 |
| | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | 144.1 |
| | WMEA-TV | D36 | DT | CP | BIDDEFORD, ME | BLANK0000034397 | 127.4 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 29997.5 7,444,130 | | 28735.6 7,354,041 | | 28263.4 7,322,124 | | 27910.7 7,300,665 | 1.25 0.29 |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|----------------------|--------------|-------------------|------------------|
| W38DL-ST2 D35 LD STA | 435.8 26,767 | 352.6 21,459 | |
| WTIC-TV D34 DT LIC | 92.0 4,039 | 12.0 452 | |
| WFXT D34 DT LIC | 132.4 8,815 | 122.4 8,627 | |
| WNJU D35 DT LIC | 235.7 16,379 | 148.4 11,274 | |
| WFSB D36 DT LIC | 63.0 2,992 | 9.0 188 | |
| WMEA-TV D36 DT CP | 53.1 4,919 | 51.1 4,897 | |

Interference to BLANK0000079780 LIC scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|--------------------|-----------|--------------------|-----|--------------------|------------------|--------------------|------------------|
| | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 225.1 km |
| | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 147.9 |
| | WPPX-TV | D34 | DT | CP | WILMINGTON, DE | BLANK0000034931 | 127.8 |
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 292.8 |
| | WENY-TV | D35 | DT | CP | ELMIRA, NY | BLANK0000034793 | 300.7 |
| | WFPA-CD | D35 | DC | LIC | PHILADELPHIA, PA | BLANK0000079887 | 127.6 |
| | WPXW-TV | D35 | DT | CP | MANASSAS, VA | BLANK0000068032 | 327.7 |
| | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | 155.3 |
| | WCBS-TV | D36 | DT | LIC | NEW YORK, NY | BLANK0000086487 | 0.0 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 37554.3 21,934,510 | | 35199.5 21,409,396 | | 34251.2 21,121,505 | | 34192.9 21,111,920 | 0.17 0.05 |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|----------------------|---------------|-------------------|------------------|
| W38DL-ST2 D35 LD STA | 96.4 14,586 | 58.3 9,585 | |
| WTIC-TV D34 DT LIC | 6.0 4,317 | 1.0 267 | |
| WPPX-TV D34 DT CP | 300.8 144,027 | 19.0 5,244 | |
| WHDH D35 DT CP | 189.6 39,700 | 145.4 30,265 | |
| WENY-TV D35 DT CP | 32.2 1,315 | 26.2 959 | |
| WFPA-CD D35 DC LIC | 628.8 221,908 | 345.0 83,702 | |
| WPXW-TV D35 DT CP | 111.8 35,220 | 62.8 17,030 | |
| WFSB D36 DT LIC | 2.0 3,013 | 0.0 0 | |
| WCBS-TV D36 DT LIC | 16.0 1,913 | 16.0 1,913 | |

Interference to BLANK0000080043 LIC scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|-------------------|-----------|-------------------|-----|-------------------|----------------|-------------------|------------------|
| | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 100.4 km |
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 144.1 |
| | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | 155.3 |
| | WMEA-TV | D36 | DT | CP | BIDDEFORD, ME | BLANK0000034397 | 245.1 |
| | WMGM-TV | D36 | DT | LIC | WILDWOOD, NJ | BLANK0000035355 | 338.0 |
| | WCBS-TV | D36 | DT | LIC | NEW YORK, NY | BLANK0000086487 | 155.3 |
| | WSPX-TV | D36 | DT | LIC | SYRACUSE, NY | BLANK0000081964 | 294.6 |
| | WITF-TV | D36 | DT | APP | HARRISBURG, PA | BLANK0000035782 | 375.8 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 27009.6 4,757,787 | | 24353.0 4,400,371 | | 19834.1 3,589,874 | | 19743.3 3,584,444 | 0.46 0.15 |

| Undesired | Total IX | Unique IX, before | Unique IX, after |
|----------------------|---------------|-------------------|------------------|
| W38DL-ST2 D35 LD STA | 153.4 6,695 | 90.8 5,430 | |
| WHDH D35 DT CP | 168.6 37,825 | 45.9 8,784 | |
| WNJU D35 DT LIC | 308.3 148,336 | 0.0 0 | |
| WMEA-TV D36 DT CP | 34.9 6,879 | 3.0 344 | |

INTERFERENCE ANALYSIS FOR W38DL-D (STA), ADAMS, MA, SPECIAL TEMPORARY AUTHORITY (CHANNEL 35)

| | | | | | | |
|--------------------|--------|---------|--------|---------|--------|---------|
| WMGM-TV D36 DT LIC | 20.2 | 10,757 | 2.0 | 724 | 2.0 | 724 |
| WCBS-TV D36 DT LIC | 4464.1 | 798,614 | 4024.1 | 620,971 | 3962.5 | 619,706 |
| WSPX-TV D36 DT LIC | 3.0 | 0 | 1.0 | 0 | 1.0 | 0 |

Interference to BLANK0000082225 LIC scenario 1

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|----------------------|--------------|---------|-----------------|---------|-------------------|------------------|--|
| | WNGN-LD | D36 | LD | LIC | TROY, NY | BLANK0000082225 | |
| Undesireds: | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | 51.5 km |
| | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | 150.4 |
| | WCBS-TV | D36 | DT | LIC | NEW YORK, NY | BLANK0000086487 | 259.6 |
| | WCFE-TV | D36 | DT | CP | PLATTSBURGH, NY | BLANK0000034025 | 188.4 |
| | WSPX-TV | D36 | DT | LIC | SYRACUSE, NY | BLANK0000081964 | 203.5 |
| | | | | | | | |
| | Service area | | Terrain-limited | | IX-free, before | IX-free, after | Percent New IX |
| | 7381.0 | 947,554 | 6298.4 | 901,743 | 6204.3 | 897,444 | 0.63 0.18 |
| Undesired | | | Total IX | | Unique IX, before | Unique IX, after | |
| W38DL-ST2 D35 LD STA | | 63.3 | 1,935 | | | 39.2 | 1,604 |
| WFSB D36 DT LIC | | 77.0 | 2,656 | | 73.0 | 54.9 | 2,352 |
| WCBS-TV D36 DT LIC | | 14.1 | 1,504 | | 7.0 | 6.0 | 1,214 |
| WCFE-TV D36 DT CP | | 9.1 | 317 | | 3.0 | 0.0 | 0 |
| WSPX-TV D36 DT LIC | | 3.0 | 112 | | 2.0 | 2.0 | 112 |

Interference to proposal scenario 1
2.27% interference received

| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
|--------------------|--------------|---------|-----------------|---------|-------------------------|-----------------|----------|
| | W38DL-ST2 | D35 | LD | STA | ADAMS, MA | w38dl_st2 | |
| Undesireds: | WTIC-TV | D34 | DT | LIC | HARTFORD, CT | BLANK0000080032 | 107.4 km |
| | WHCT-LD | D35 | LD | CP | HARTFORD, NEW HAVEN, CT | BLANK0000074954 | 107.4 |
| | WHDH | D35 | DT | CP | BOSTON, MA | BLANK0000067937 | 164.1 |
| | WNJU | D35 | DT | LIC | LINDEN, NJ | BLANK0000079780 | 225.1 |
| | WWLF-LP | D35z | LD | CP | SYRACUSE, NY | BLANK0000053619 | 248.7 |
| | WFSB | D36 | DT | LIC | HARTFORD, CT | BLANK0000080043 | 100.4 |
| | WNGN-LD | D36 | LD | LIC | TROY, NY | BLANK0000082225 | 51.5 |
| | | | | | | | |
| | Service area | | Terrain-limited | | IX-free | Percent IX | |
| | 6475.8 | 423,180 | 4515.6 | 272,663 | 4375.3 | 3.11 | 2.27 |
| Undesired | | | Total IX | | Unique IX | Prcnt Unique IX | |
| WTIC-TV D34 DT LIC | | 1.0 | 0 | | 0.0 | 0.00 | 0.00 |
| WHCT-LD D35 LD CP | | 69.7 | 746 | | 45.5 | 1.01 | 0.19 |
| WHDH D35 DT CP | | 62.6 | 4,643 | | 34.3 | 0.76 | 0.99 |
| WNJU D35 DT LIC | | 29.3 | 2,396 | | 14.1 | 0.31 | 0.17 |
| WFSB D36 DT LIC | | 5.1 | 26 | | 1.0 | 0.02 | 0.00 |
| WNGN-LD D36 LD LIC | | 13.1 | 522 | | 12.1 | 0.27 | 0.16 |
