tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: 0000129325_cell0.5, Model: Longley-Rice
Start: 2021.01.27 14:44:33

Study created: 2021.01.27 14:44:33

Study build station data: LMS TV 2021-01-21

    Proposal: W28ES-D D2z LD APP *P New York, NY
 File number: BLANK0000129325
 Facility ID: 130477
Station data: LMS TV 2021-01-21
   Record ID: 25076ff375b46b800175d324bc6d2916
     Country: U.S.

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

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
Yes	WDPN-TV	D2	DT	LIC	WILMINGTON, DE	BLANK0000074950	133.3 km
Yes	WKOB-LD	D2	LD	LIC	NEW YORK, NY	BLDVL20100222ACI	0.0
Yes	W41DO-D	D2	LD	CP	NEW YORK, NY	BLANK0000080714	0.0
Yes	WSBE-TV	D2	DT	LIC	PROVIDENCE, RI	BLANK0000093072	255.7
Yes	WSBE-TV	D2	DT	CP	PROVIDENCE, RI	BLANK0000106692	255.7
No	WYCX-CD	D2	DC	LIC	MANCHESTER, ETC., VT	BLDVA20130502ACF	271.6
No	WYCX-CD	D2	DC	CP	MANCHESTER, ETC., VT	BLANK0000121277	243.9
No	WJLP	D3	DT	CP	MIDDLETOWN TOWNSHIP, NJ	BLANK0000035766	5.8
No	WJLP	D3	DT	LIC	MIDDLETOWN TOWNSHIP, NJ	BLANK0000072919	1.7
No	WNWT-LD	D3	LD	LIC	NEW YORK, NY	BLANK0000074714	1.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

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    Channel: D2z
       Mask: Full Service
   Latitude:  40 45  8.10 N (NAD83)
  Longitude:  73 58  2.10 W
Height AMSL: 274.9 m
       HAAT: 0.0 m
   Peak ERP: 0.500 kW
    Antenna: Kathrein-2xCL-24/HRM/HV (ID 1007654) 0.0 deg
Elev Pattrn: Generic
```

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.500 kW	235.2 m	48.3 km
45.0	0.290	270.5	46.1
90.0	0.495	261.7	49.8
135.0	0.067	261.4	35.3
180.0	0.002	258.7	15.7
225.0	0.000	273.6	10.9
270.0	0.002	266.5	16.1
315.0	0.074	259.6	35.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 261 m

Distance to Canadian border: 395.8 km

Distance to Mexican border: 2676.3 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 235.0 degrees Distance: 300.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.9 degrees Distance: 2630.6 km

Study cell size: 0.50 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 BLANK0000074950 LIC scenario 1

```
             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       133.3 km
             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       388.5
             WVIR-TV   D2    DT  LIC     CHARLOTTESVILLE, VA       BLANK0000109093
       361.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       392.8
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
       127.6

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 45342.8  13,749,069   44254.7  13,542,912   42900.6  12,085,642   42882.4
12,075,511     0.04     0.08

Undesired                         Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP       912.0   1,114,169                            18.2
10,131
WSBE-TV D2 DT LIC         28.7      38,797       2.2       1,150       1.5
1,150
WVIR-TV D2 DT LIC         41.2       4,748      41.2       4,748      41.2
4,748
WJLP D3 DT CP           1310.8   1,451,372    1284.3   1,413,725     417.5
347,071

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Interference to BLANK0000074950 LIC scenario 2

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       133.3 km
             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       388.5
             WVIR-TV   D2    DT  LIC     CHARLOTTESVILLE, VA       BLANK0000109093
       361.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       392.8
```

```
             WJLP      D3    DT  LIC     MIDDLETOWN TOWNSHIP, NJ   BLANK0000072919
       132.3

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 45342.8  13,749,069   44254.7  13,542,912   43381.1  12,376,966   43235.2
12,323,413     0.34     0.43

Undesired                         Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP       912.0   1,114,169                            145.9
53,553
WSBE-TV D2 DT LIC         28.7      38,797       2.7       1,934       1.7
1,413
WVIR-TV D2 DT LIC         41.2       4,748      41.2       4,748      41.2
4,748
WJLP D3 DT LIC           829.8   1,159,264     803.8   1,122,401      64.7
99,169

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Interference to BLANK0000074950 LIC scenario 3

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       133.3 km
             WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692
       388.5
             WVIR-TV   D2    DT  LIC     CHARLOTTESVILLE, VA       BLANK0000109093
       361.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       392.8
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
       127.6

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 45342.8  13,749,069   44254.7  13,542,912   42900.1  12,085,642   42881.9
12,075,511     0.04     0.08

Undesired                         Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP       912.0   1,114,169                             18.2
10,131
WSBE-TV D2 DT CP          39.1      48,031       2.7       1,150       1.9
1,150
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WVIR-TV D2 DT LIC 41.2 4,748 41.2 4,748 41.2 4,748
WJLP D3 DT CP 1310.8 1,451,372 1274.4 1,404,491 417.5 347,071

Interference to BLANK0000074950 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WDPN-TV	D2	DT	LIC	WILMINGTON, DE	BLANK0000074950	
Undesireds:	W28ES-D	D2z	LD	APP	New York, NY	BLANK0000129325	133.3 km
	WSBE-TV	D2	DT	CP	PROVIDENCE, RI	BLANK0000106692	388.5
	WVIR-TV	D2	DT	LIC	CHARLOTTESVILLE, VA	BLANK0000109093	361.7
	WYCX-CD	D2	DC	LIC	MANCHESTER, ETC., VT	BLDVA20130502ACF	392.8
	WJLP	D3	DT	LIC	MIDDLETOWN TOWNSHIP, NJ	BLANK0000072919	132.3

Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
45342.8	13,749,069	44254.7	13,542,912	43379.8	12,376,966	43234.7	12,323,413	0.33	0.43

Undesired	Total IX		Unique IX, before		Unique IX, after	
W28ES-D D2z LD APP	912.0	1,114,169			145.2	53,553
WSBE-TV D2 DT CP	39.1	48,031	3.9	1,934	2.2	1,413
WVIR-TV D2 DT LIC	41.2	4,748	41.2	4,748	41.2	4,748
WJLP D3 DT LIC	829.8	1,159,264	794.6	1,113,167	64.7	99,169

Interference to BLDVL20100222ACI LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKOB-LD	D2	LD	LIC	NEW YORK, NY	BLDVL20100222ACI	

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Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
         5.8
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
1,142,231     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP      3278.5   8,026,022                            0.0
 0
WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
W41DO-D D2 LD CP        5661.2  13,562,641    4986.1  13,014,471    1866.0
5,084,775
WSBE-TV D2 DT LIC          0.5           0       0.0           0       0.0
 0
WJLP D3 DT CP            364.5     314,207       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLDVL20100222ACI LIC scenario 2

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
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             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  LIC     MIDDLETOWN TOWNSHIP, NJ   BLANK0000072919
         1.7
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
1,142,231     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP      3278.5   8,026,022                            0.0
 0
WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
W41DO-D D2 LD CP        5661.2  13,562,641    5133.1  13,105,129    1988.6
5,163,332
WSBE-TV D2 DT LIC          0.5           0       0.0           0       0.0
 0
WJLP D3 DT LIC            19.8      16,794       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLDVL20100222ACI LIC scenario 3

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
             WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
         5.8
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            WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
1,142,231     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP      3278.5   8,026,022                             0.0
 0
WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
W41DO-D D2 LD CP        5661.2  13,562,641    4985.9  13,014,392    1866.0
5,084,775
WSBE-TV D2 DT CP           0.7          79       0.0           0       0.0
 0
WJLP D3 DT CP            364.5     314,207       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLDVL20100222ACI LIC scenario 4

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
             WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  LIC     MIDDLETOWN TOWNSHIP, NJ   BLANK0000072919
         1.7
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
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1,142,231   0.00   0.00

Undesired   Total IX   Unique IX, before   Unique IX, after
W28ES-D D2z LD APP   3278.5   8,026,022   0.0
 0
WDPN-TV D2 DT LIC   514.2   444,127   0.0   0   0.0
 0
W41DO-D D2 LD CP   5661.2 13,562,641   5132.9 13,105,050   1988.6
5,163,332
WSBE-TV D2 DT CP   0.7   79   0.0   0   0.0
 0
WJLP D3 DT LIC   19.8   16,794   0.0   0   0.0
 0
WNWT-LD D3 LD LIC   19.8   16,794   0.0   0   0.0
 0

Interference to BLANK0000080714 CP scenario 1

             Call   Chan Svc Status City, State   File Number
       Distance
Desired: W41DO-D   D2   LD CP   NEW YORK, NY   BLANK0000080714

Undesireds: W28ES-D   D2z   LD APP   New York, NY   BLANK0000129325
         0.0 km
             WDPN-TV   D2   DT LIC   WILMINGTON, DE   BLANK0000074950
       133.3
             WKOB-LD   D2   LD LIC   NEW YORK, NY   BLDVL20100222ACI
         0.0
             WSBE-TV   D2   DT LIC   PROVIDENCE, RI   BLANK0000093072
       255.7
             WYCX-CD   D2   DC LIC   MANCHESTER, ETC., VT   BLDVA20130502ACF
       271.6
             WJLP   D3   DT CP   MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
         5.8
             WNWT-LD   D3   LD LIC   NEW YORK, NY   BLANK0000074714
         1.7

        Service area   Terrain-limited   IX-free, before   IX-free, after   Percent New IX
  6615.6 14,725,729   6572.0 14,704,872   910.8   1,142,231   910.8
1,142,231   0.00   0.00

Undesired   Total IX   Unique IX, before   Unique IX, after
W28ES-D D2z LD APP   3278.5   8,026,022   0.0
 0

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WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
WKOB-LD D2 LD LIC       5661.2  13,562,641    4986.1  13,014,471    1866.0
5,084,775
WSBE-TV D2 DT LIC          0.5           0       0.0           0       0.0
 0
WJLP D3 DT CP            364.5     314,207       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLANK0000080714 CP scenario 2

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3
             WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI
         0.0
             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  LIC     MIDDLETOWN TOWNSHIP, NJ   BLANK0000072919
         1.7
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
1,142,231     0.00     0.00

Undesired                         Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP       3278.5   8,026,022                            0.0
 0
WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
WKOB-LD D2 LD LIC       5661.2  13,562,641    5133.1  13,105,129    1988.6
5,163,332
WSBE-TV D2 DT LIC          0.5           0       0.0           0       0.0
 0
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WJLP D3 DT LIC            19.8      16,794       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLANK0000080714 CP scenario 3

             Call      Chan  Svc Status  City, State              File Number
       Distance
Desired:     W41DO-D   D2    LD  CP      NEW YORK, NY             BLANK0000080714


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY             BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE           BLANK0000074950
       133.3
             WKOB-LD   D2    LD  LIC     NEW YORK, NY             BLDVL20100222ACI
         0.0
             WSBE-TV   D2    DT  CP      PROVIDENCE, RI           BLANK0000106692
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT     BLDVA20130502ACF
       271.6
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ  BLANK0000035766
         5.8
             WNWT-LD   D3    LD  LIC     NEW YORK, NY             BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
1,142,231     0.00     0.00

Undesired                         Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP      3278.5   8,026,022                            0.0
 0
WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
WKOB-LD D2 LD LIC       5661.2  13,562,641    4985.9  13,014,392    1866.0
5,084,775
WSBE-TV D2 DT CP           0.7          79       0.0           0       0.0
 0
WJLP D3 DT CP            364.5     314,207       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLANK0000080714 CP scenario 4

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
         0.0 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3
             WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI
         0.0
             WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  LIC     MIDDLETOWN TOWNSHIP, NJ   BLANK0000072919
         1.7
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
  6615.6  14,725,729    6572.0  14,704,872     910.8   1,142,231     910.8
1,142,231     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP      3278.5   8,026,022                             0.0
 0
WDPN-TV D2 DT LIC        514.2     444,127       0.0           0       0.0
 0
WKOB-LD D2 LD LIC       5661.2  13,562,641    5132.9  13,105,050    1988.6
5,163,332
WSBE-TV D2 DT CP           0.7          79       0.0           0       0.0
 0
WJLP D3 DT LIC            19.8      16,794       0.0           0       0.0
 0
WNWT-LD D3 LD LIC         19.8      16,794       0.0           0       0.0
 0

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Interference to BLANK0000093072 LIC scenario 1

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
```

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Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       255.7 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       388.5
             WLBZ      D2    DT  LIC     BANGOR, ME                BLCDT20090909AAK
       382.8
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       163.8

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 34605.2   7,530,505   33684.1   7,306,192   33244.9   7,222,184   33240.2
7,222,000     0.01     0.00

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP        17.8       1,170                            4.7
184
WDPN-TV D2 DT LIC        189.4       7,679     187.7       7,381     180.6
6,917
WLBZ D2 DT LIC             0.7         191       0.2           0       0.2
 0
WYCX-CD D2 DC LIC        251.3      76,627     249.0      76,138     244.3
75,730

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Interference to BLANK0000093072 LIC scenario 2

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       255.7 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       388.5
             WLBZ      D2    DT  LIC     BANGOR, ME                BLCDT20090909AAK
       382.8
             WYCX-CD   D2    DC  CP      MANCHESTER, ETC., VT      BLANK0000121277
       121.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 34605.2   7,530,505   33684.1   7,306,192   33311.3   7,276,403   33304.6
7,275,852     0.02     0.01
```

```
Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP        17.8       1,170                             6.7
551
WDPN-TV D2 DT LIC        189.4       7,679     166.3       7,484     160.2
7,101
WLBZ D2 DT LIC             0.7         191       0.7         191       0.7
191
WYCX-CD D2 DC CP         205.8      22,114     182.7      21,919     179.9
21,878

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Interference to BLANK0000106692 CP scenario 1

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       255.7 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       388.5
             WLBZ      D2    DT  LIC     BANGOR, ME                BLCDT20090909AAK
       382.8
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       163.8

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 36729.1   7,746,336   35586.5   7,432,251   35075.0   7,341,708   35068.3
7,341,098     0.02     0.01

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP        24.0       4,493                             6.7
610
WDPN-TV D2 DT LIC        191.7       7,935     190.2       7,935     182.6
7,173
WLBZ D2 DT LIC             1.0         452       0.2         387       0.2
387
WYCX-CD D2 DC LIC        321.1      82,221     318.9      82,156     309.9
79,035

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Interference to BLANK0000106692 CP scenario 2

             Call      Chan  Svc Status  City, State               File Number
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       Distance
Desired:     WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692


Undesireds:  W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325
       255.7 km
             WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       388.5
             WLBZ      D2    DT  LIC     BANGOR, ME                BLCDT20090909AAK
       382.8
             WYCX-CD   D2    DC  CP      MANCHESTER, ETC., VT      BLANK0000121277
       121.7

        Service area       Terrain-limited       IX-free, before        IX-free,
after    Percent New IX
 36729.1   7,746,336   35586.5   7,432,251   35187.2   7,399,885   35173.3
7,396,382     0.04     0.05

Undesired                          Total IX     Unique IX, before      Unique IX,
after
W28ES-D D2z LD APP        24.0       4,493                             13.9
3,503
WDPN-TV D2 DT LIC        191.7       7,935     179.7       7,935     174.2
7,173
WLBZ D2 DT LIC             1.0         452       1.0         452       1.0
452
WYCX-CD D2 DC CP         218.5      23,979     206.6      23,979     204.9
23,751

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Interference to proposal scenario 1
92.58% interference received

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325


Undesireds:  WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3 km
             WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI
         0.0
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
```

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         5.8
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited              IX-free        Percent IX
  3900.0  11,746,774    3878.0  11,733,688     576.8     870,635    85.13    92.58

Undesired                          Total IX             Unique IX   Prcnt Unique IX
WDPN-TV D2 DT LIC        175.5     557,160       0.0           0     0.00     0.00
WKOB-LD D2 LD LIC       3301.2  10,863,053       0.0           0     0.00     0.00
W41DO-D D2 LD CP        3301.2  10,863,053       0.0           0     0.00     0.00
WSBE-TV D2 DT LIC          0.2         168       0.0           0     0.00     0.00
WJLP D3 DT CP            482.3   2,323,685       0.0           0     0.00     0.00
WNWT-LD D3 LD LIC        419.5   2,912,169       0.0           0     0.00     0.00

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Interference to proposal scenario 2
92.58% interference received

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325


Undesireds:  WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3 km
             WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI
         0.0
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
             WSBE-TV   D2    DT  LIC     PROVIDENCE, RI            BLANK0000093072
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  LIC     MIDDLETOWN TOWNSHIP, NJ   BLANK0000072919
         1.7
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited              IX-free        Percent IX
  3900.0  11,746,774    3878.0  11,733,688     576.8     870,635    85.13    92.58

Undesired                          Total IX             Unique IX   Prcnt Unique IX
WDPN-TV D2 DT LIC        175.5     557,160       0.0           0     0.00     0.00
WKOB-LD D2 LD LIC       3301.2  10,863,053       0.0           0     0.00     0.00
W41DO-D D2 LD CP        3301.2  10,863,053       0.0           0     0.00     0.00
WSBE-TV D2 DT LIC          0.2         168       0.0           0     0.00     0.00
WJLP D3 DT LIC           417.5   2,875,045       0.0           0     0.00     0.00
WNWT-LD D3 LD LIC        419.5   2,912,169       0.0           0     0.00     0.00
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Interference to proposal scenario 3
92.58% interference received

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325


Undesireds:  WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3 km
             WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI
         0.0
             W41DO-D   D2    LD  CP      NEW YORK, NY              BLANK0000080714
         0.0
             WSBE-TV   D2    DT  CP      PROVIDENCE, RI            BLANK0000106692
       255.7
             WYCX-CD   D2    DC  LIC     MANCHESTER, ETC., VT      BLDVA20130502ACF
       271.6
             WJLP      D3    DT  CP      MIDDLETOWN TOWNSHIP, NJ   BLANK0000035766
         5.8
             WNWT-LD   D3    LD  LIC     NEW YORK, NY              BLANK0000074714
         1.7

        Service area       Terrain-limited              IX-free        Percent IX
  3900.0  11,746,774    3878.0  11,733,688     576.8     870,635    85.13    92.58

Undesired                          Total IX            Unique IX   Prcnt Unique IX
WDPN-TV D2 DT LIC        175.5     557,160       0.0           0     0.00     0.00
WKOB-LD D2 LD LIC       3301.2  10,863,053       0.0           0     0.00     0.00
W41DO-D D2 LD CP        3301.2  10,863,053       0.0           0     0.00     0.00
WSBE-TV D2 DT CP           0.2         168       0.0           0     0.00     0.00
WJLP D3 DT CP            482.3   2,323,685       0.0           0     0.00     0.00
WNWT-LD D3 LD LIC        419.5   2,912,169       0.0           0     0.00     0.00

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Interference to proposal scenario 4
92.58% interference received

             Call      Chan  Svc Status  City, State               File Number
       Distance
Desired:     W28ES-D   D2z   LD  APP     New York, NY              BLANK0000129325


Undesireds:  WDPN-TV   D2    DT  LIC     WILMINGTON, DE            BLANK0000074950
       133.3 km
             WKOB-LD   D2    LD  LIC     NEW YORK, NY              BLDVL20100222ACI
```

0.0						
	W41DO-D	D2	LD	CP	NEW YORK, NY	BLANK0000080714
0.0						
	WSBE-TV	D2	DT	CP	PROVIDENCE, RI	BLANK0000106692
255.7						
	WYCX-CD	D2	DC	LIC	MANCHESTER, ETC., VT	BLDVA20130502ACF
271.6						
	WJLP	D3	DT	LIC	MIDDLETOWN TOWNSHIP, NJ	BLANK0000072919
1.7						
	WNWT-LD	D3	LD	LIC	NEW YORK, NY	BLANK0000074714
1.7						

Service area		Terrain-limited		IX-free		Percent IX	
3900.0	11,746,774	3878.0	11,733,688	576.8	870,635	85.13	92.58

Undesired		Total IX		Unique IX		Prcnt Unique IX	
WDPN-TV D2 DT LIC	175.5	557,160	0.0	0	0.00	0.00	
WKOB-LD D2 LD LIC	3301.2	10,863,053	0.0	0	0.00	0.00	
W41DO-D D2 LD CP	3301.2	10,863,053	0.0	0	0.00	0.00	
WSBE-TV D2 DT CP	0.2	168	0.0	0	0.00	0.00	
WJLP D3 DT LIC	417.5	2,875,045	0.0	0	0.00	0.00	
WNWT-LD D3 LD LIC	419.5	2,912,169	0.0	0	0.00	0.00	