OET-69 Interference Analysis (WPXN-TV, New York, NY, Channel 31) (Summary Results)

```
Percent allowed new interference:   0.500
Percent allowed new interference to non Class A LPTV:   2.000
 TW Census data selected 2000
 Data Base Selected
 /export/home/cdbs/pt_tvdb.sff

              TV INTERFERENCE and SPACING ANALYSIS PROGRAM


 Date: 03-30-2015

 Record Selected for Analysis

 WPXN     USERRECORD-01               NEW YORK             NY US
 Channel 31 ERP 100.   kW   HAAT  519. m  RCAMSL 00530 m
 Latitude 040-42-46  Longitude 0074-00-48
 Status APP       Zone 1    Border      Site number: 01
 Last update           Cutoff date           Docket
 Comments
 Applicant


 Cell Size for Service Analysis 2.0 km/side

 Distance Increments for Longley-Rice Analysis 0.38 km
```

The FCC LMS system does not allow for the input of geographic coordinates when an Antenna Structure Registration Number is specified. The coordinates employed in the study are the NAD27 converted coordinates with truncated seconds. It is understood that this is in accordance with FCC procedure in conducting the interference analysis.

NOTE: A HIGHER RESOLUTION TERRAIN INCREMENT OF 0.38 KM WAS EMPLOYED FOR THE INTERFERENCE ANALYSIS.

```
Facility (site # 01) meets maximum height/power limits

    Site number  1
    Azimuth     ERP        HAAT   41.0 dBu F(50,90)
     (Deg)      (kW)       (m)        (km)
      0.0      100.000     511.6       94.307
     45.0      100.000     529.1       95.649
     90.0      100.000     508.4       94.056
    135.0      100.000     519.8       94.942
    180.0      100.000     522.8       95.169
    225.0      100.000     519.5       94.915
    270.0      100.000     521.3       95.055
    315.0      100.000     516.7       94.697



             Evaluation toward Class A Stations from site # 01


No Spacing violations or contour overlap
to Class A stations from site # 01


                   Class A Evaluation Complete



                   Checks to Site Number 01

 Proposed facility OK to FCC Monitoring Stations

 Proposed facility OK toward West Virginia quiet zone

 Proposed facility OK toward Table Mountain

 Proposed facility is within the Canadian coordination distance
 Distance to border =   397.6km

 Proposed facility is beyond the Mexican coordination distance

 Proposed station is OK toward AM broadcast stations

**********************************************************************
                        Start of Interference Analysis


              Proposed Station
Channel     Call         City/State              ARN
   31       WPXN       NEW YORK NY               USERRECORD01
```

It is noted that the actual coordination distance with respect to Canada is 300 km. See, for example, FCC 'Notice of Proposed Rulemaking' in ET Docket No. 10-235 at Paragraph 49. Therefore, the proposal does not require coordination with Canada.

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	W24BB	EAST STROUDSBURG PA	130.1	LIC	BLTTL	19911219JM
28	WFPA-CA	PHILADELPHIA PA	127.8	LIC	BLTTL	20000428ABK
30	WFUT-DT	NEWARK NJ	4.6	LIC	BLCDT	20090618ABZ
31	WTIC-TV	HARTFORD CT	147.9	LIC	BLCDT	20101222AAE
31	WPPX-TV	WILMINGTON DE	127.6	LIC	BLCDT	20031203AFL
31	WFXT	BOSTON MA	292.1	LIC	BLCDT	20090422ABH
31	WNCE-CD	GLENS FALLS NY	287.2	LIC	BLDTA	20100812ABN
31	WSWB	SCRANTON PA	164.7	LIC	BLCDT	20140326AAZ
31	WSWB-DR	SCRANTON PA	164.7	APP	BPRM	20080619ALI
32	WPSG	PHILADELPHIA PA	127.6	LIC	BLANK	0000001047
32	WQPX-TV	SCRANTON PA	164.5	LIC	BLCDT	20060629AFR

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24BB	EAST STROUDSBURG PA	BLTTL	-19911219JM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WPHL-TV	PHILADELPHIA PA	111.7	LIC	BLCDT	-20090918ABV
21	WHP-TV	HARRISBURG PA	137.7	LIC	BLCDT	-20130703ACZ
23	WLYH-TV	LANCASTER PA	117.3	LIC	BLCDT	-20040922AAC
24	WNYE-TV	NEW YORK NY	131.0	LIC	BLEDT	-20071228ABM
24	W24EF	PORT JERVIS NY	78.6	LIC	BLTTL	-20121024AAA
24	WSTM-TV	SYRACUSE NY	219.2	LIC	BLCDT	-20090622AEM
24	WATM-TV	ALTOONA PA	252.5	LIC	BLCDT	-20050603ACF
24	W24DB	CLARKS SUMMIT PA	49.2	LIC	BLTTA	-20041202ADB
24	WPHA-CD	PHILADELPHIA PA	111.8	LIC	BLDTA	-20130920ADK
24	W24CS	READING PA	81.8	LIC	BLTT	-20030321AAO
24	WNVC	FAIRFAX VA	280.5	LIC	BLEDT	-20090612ACS
24	WVTA	WINDSOR VT	367.3	LIC	BLEDT	-20070307AAW
25	WTVE	READING PA	79.0	APP	BPCDT	-20100422ACQ
25	WTVE	READING PA	111.8	LIC	BLCDT	-20100405ABM
25	WTVE	READING PA	81.8	LIC	BLCDT	-20100405ABM
26	KYW-TV	PHILADELPHIA PA	111.6	LIC	BLCDT	-20090326ABH
27	WGTW-TV	BURLINGTON NJ	111.8	LIC	BLCDT	-20060105AAR
27	WTBY-TV	POUGHKEEPSIE NY	139.8	LIC	BLCDT	-20090902ACZ
28	WNBC	NEW YORK NY	131.3	LIC	BLCDT	-20080409AAM
28	WNBC	NEW YORK NY	130.1	APP	BPCDT	-20080620ADL
31	WPPX-TV	WILMINGTON DE	111.8	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	130.1	PLN	DTVPLN	-DTVP1155
31	WSWB	SCRANTON PA	49.2	LIC	BLCDT	-20140326AAZ
31	WSWB-DR	SCRANTON PA	49.2	APP	BPRM	-20080619ALI
32	WPSG	PHILADELPHIA PA	111.8	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	49.0	LIC	BLCDT	-20060629AFR
38	WWOR-TV	SECAUCUS NJ	131.3	CP MOD	BMPCDT	-20040130AZR
38	WWOR-TV	SECAUCUS NJ	131.3	CP	BPCDT	-20121210ABN
39	WLVT-TV	ALLENTOWN PA	51.7	LIC	BLEDT	-20090605ABD
31	WPXN	NEW YORK NY	130.1	APP	USERRECORD	-01

Proposed station is beyond the site to nearest cell evaluation distance

##

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WFPA-CA	PHILADELPHIA PA	BLTTL	-20000428ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCDT	-20130703ACZ
24	WNYE-TV	NEW YORK NY	132.5	LIC	BLEDT	-20071228ABM
25	WTVE	READING PA	50.6	APP	BPCDT	-20100422ACQ
25	WTVE	READING PA	0.3	LIC	BLCDT	-20100405ABM
25	WTVE	READING PA	66.2	LIC	BLCDT	-20100405ABM
26	KYW-TV	PHILADELPHIA PA	0.6	LIC	BLCDT	-20090326ABH
27	WGTW-TV	BURLINGTON NJ	0.3	LIC	BLCDT	-20060105AAR
28	WFPT	FREDERICK MD	197.6	LIC	BLEDT	-20090330AFA

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 28   WCPB     SALISBURY MD              186.3  LIC    BLEDT     -20090209AEM
 28   WNBC     NEW YORK NY               132.0  LIC    BLCDT     -20080409AAM
 28   WNBC     NEW YORK NY               127.8  APP    BPCDT     -20080620ADL
 29   WUVP-DT  VINELAND NJ                 0.3  LIC    BLCDT     -20090923ADS
 29   WNYJ-TV  WEST MILFORD NJ           117.6  LIC    BLEDT     -20040712ACP
 30   WFUT-DT  NEWARK NJ                 132.0  LIC    BLCDT     -20090618ABZ
 30   WGCB-TV  RED LION PA               115.6  LIC    BLCDT     -20050615AAB
 31   WPPX-TV  WILMINGTON DE               0.3  LIC    BLCDT     -20031203AFL
 31   WPXN-TV  NEW YORK NY               127.8  PLN    DTVPLN    -DTVP1155
 32   WPSG     PHILADELPHIA PA             0.3  LIC    BLANK     -0000001047
 35   WYBE     PHILADELPHIA PA             0.3  LIC    BLEDT     -20091222ARE
 36   WNJU     LINDEN NJ                 132.0  LIC    BLANK     -0000001043
 36   WNJU     LINDEN NJ                 132.0  CP     BPCDT     -20111220AFK
 36   WMGM-TV  WILDWOOD NJ               109.4  LIC    BLCDT     -20060626ABE
 36   WITF-TV  HARRISBURG PA             142.7  LIC    BLEDT     -20000922AHE
 42   WZME     BRIDGEPORT CT             132.0  APP    BPCDT     -20120601ARY
 42   WTXF-TV  PHILADELPHIA PA             0.2  LIC    BLCDT     -20120511ADN
 43   WNJT     TRENTON NJ                 54.0  LIC    BLEDT     -20110427ABE
 31   WPXN     NEW YORK NY               127.8  APP    USERRECORD-01
 42   WZME     BRIDGEPORT CT                    APP    BPCDT     -20120601ARY

 Proposed station is beyond the site to
 nearest cell evaluation distance

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     Analysis of Interference to Affected Station   3


Analysis of current record
Channel     Call          City/State        Application Ref. No.
   30      WFUT-DT    NEWARK NJ               BLCDT     -20090618ABZ

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 29   WUVP-DT  VINELAND NJ              131.8  LIC    BLCDT     -20090923ADS
 29   WNYJ-TV  WEST MILFORD NJ           23.1  LIC    BLEDT     -20040712ACP
 30   WBZ-TV   BOSTON MA                287.1  LIC    BLCDT     -20060420ABG
 30   WSKA     CORNING NY               300.5  LIC    BLEDT     -20060705ABL
 30   WUTR     UTICA NY                 284.0  LIC    BLCDT     -20040217ADC
 30   WGCB-TV  RED LION PA              239.2  LIC    BLCDT     -20050615AAB
 30   WNVT     GOLDVEIN VA              377.8  LIC    BLEDT     -20031230AAR
 31   WTIC-TV  HARTFORD CT              143.4  LIC    BLCDT     -20101222AAE
 31   WPPX-TV  WILMINGTON DE            131.8  LIC    BLCDT     -20031203AFL
 31   WPXN-TV  NEW YORK NY                4.7  PLN    DTVPLN    -DTVP1155
 31   WSWB     SCRANTON PA              164.8  LIC    BLCDT     -20140326AAZ
 31   WSWB-DR  SCRANTON PA              164.8  APP    BPRM      -20080619ALI
 31   WPXN     NEW YORK NY                4.6  APP    USERRECORD-01

 Total scenarios =   1


Result key:        1
Scenario        1  Affected station        3
Before Analysis

Results for: 30A NJ NEWARK               BLCDT     20090618ABZ  LIC
   HAAT  429.0 m, ATV ERP  200.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour    19385330      25865.2
   not affected by terrain losses  19106946      24388.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      197368        904.0
   lost to ATV IX only               197368        904.0
   lost to all IX                    197368        904.0

 Potential Interfering Stations Included in above Scenario     1

29A NJ VINELAND             BLCDT     20090923ADS  LIC
29A NJ WEST MILFORD         BLEDT     20040712ACP  LIC
30A MA BOSTON               BLCDT     20060420ABG  LIC
30A PA RED LION             BLCDT     20050615AAB  LIC
31A CT HARTFORD             BLCDT     20101222AAE  LIC
31A DE WILMINGTON           BLCDT     20031203AFL  LIC
31A NY NEW YORK             DTVPLN    DTVP1155     PLN

After Analysis

Results for: 30A NJ NEWARK               BLCDT     20090618ABZ  LIC
   HAAT  429.0 m, ATV ERP  200.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour    19385330      25865.2
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   not affected by terrain losses  19106946      24388.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      226832        992.8
   lost to ATV IX only               226832        992.8
   lost to all IX                    226832        992.8

 Potential Interfering Stations Included in above Scenario     1

29A NJ VINELAND             BLCDT     20090923ADS  LIC
29A NJ WEST MILFORD         BLEDT     20040712ACP  LIC
30A MA BOSTON               BLCDT     20060420ABG  LIC
30A PA RED LION             BLCDT     20050615AAB  LIC
31A CT HARTFORD             BLCDT     20101222AAE  LIC
31A DE WILMINGTON           BLCDT     20031203AFL  LIC
31A NY NEW YORK             USERRECORD01           APP

Percent new IX =    0.1558%

Worst case new IX    0.1558% Scenario      1

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     Analysis of Interference to Affected Station   4


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   31      WTIC-TV    HARTFORD CT              BLCDT     -20101222AAE

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WBZ-TV   BOSTON MA                148.0  LIC    BLCDT     -20060420ABG
 30   WFUT-DT  NEWARK NJ                143.4  LIC    BLCDT     -20090618ABZ
 31   WPPX-TV  WILMINGTON DE            273.7  LIC    BLCDT     -20031203AFL
 31   WFXT     BOSTON MA                149.0  LIC    BLCDT     -20090422ABH
 31   WPXN-TV  NEW YORK NY              148.0  PLN    DTVPLN    -DTVP1155
 31   WSWB     SCRANTON PA              242.7  LIC    BLCDT     -20140326AAZ
 31   WSWB-DR  SCRANTON PA              242.7  APP    BPRM      -20080619ALI
 32   WBPX-TV  BOSTON MA                148.8  LIC    BLCDT     -20040723ACG
 31   WPXN     NEW YORK NY              147.9  APP    USERRECORD-01

 Total scenarios =   3


Result key:        2
Scenario        1  Affected station        4
Before Analysis

Results for: 31A CT HARTFORD             BLCDT     20101222AAE  LIC
   HAAT  506.0 m, ATV ERP  495.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     5076673      32573.6
   not affected by terrain losses   4578952      29317.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      643588       3549.6
   lost to ATV IX only               643588       3549.6
   lost to all IX                    643588       3549.6

 Potential Interfering Stations Included in above Scenario     1

30A MA BOSTON               BLCDT     20060420ABG  LIC
30A NJ NEWARK               BLCDT     20090618ABZ  LIC
31A DE WILMINGTON           BLCDT     20031203AFL  LIC
31A MA BOSTON               BLCDT     20090422ABH  LIC
31A PA SCRANTON             BLCDT     20140326AAZ  LIC
32A MA BOSTON               BLCDT     20040723ACG  LIC
31A NY NEW YORK             DTVPLN    DTVP1155     PLN

After Analysis

Results for: 31A CT HARTFORD             BLCDT     20101222AAE  LIC
   HAAT  506.0 m, ATV ERP  495.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     5076673      32573.6
   not affected by terrain losses   4578952      29317.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      662090       3770.7
   lost to ATV IX only               662090       3770.7
   lost to all IX                    662090       3770.7

 Potential Interfering Stations Included in above Scenario     1
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30A MA BOSTON               BLCDT     20060420ABG  LIC
30A NJ NEWARK               BLCDT     20090618ABZ  LIC
31A DE WILMINGTON           BLCDT     20031203AFL  LIC
31A MA BOSTON               BLCDT     20090422ABH  LIC
31A PA SCRANTON             BLCDT     20140326AAZ  LIC
32A MA BOSTON               BLCDT     20040723ACG  LIC
31A NY NEW YORK             USERRECORD01           APP

Percent new IX =    0.4701%

Worst case new IX    0.4701% Scenario      1

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     Analysis of Interference to Affected Station   5


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   31      WPPX-TV    WILMINGTON DE             BLCDT     -20031203AFL

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WFUT-DT  NEWARK NJ                131.8  LIC    BLCDT     -20090618ABZ
 30   WGCB-TV  RED LION PA              115.7  LIC    BLCDT     -20050615AAB
 31   WTIC-TV  HARTFORD CT              273.7  LIC    BLCDT     -20101222AAE
 31   WFXT     BOSTON MA                419.6  LIC    BLCDT     -20090422ABH
 31   WPXN-TV  NEW YORK NY              127.6  PLN    DTVPLN    -DTVP1155
 31   WSWB     SCRANTON PA              160.4  LIC    BLCDT     -20140326AAZ
 31   WSWB-DR  SCRANTON PA              160.4  APP    BPRM      -20080619ALI
 31   WAVY-TV  PORTSMOUTH VA            374.8  LIC    BLCDT     -20010409ABP
 32   WPSG     PHILADELPHIA PA            0.0  LIC    BLANK     -0000001047
 32   WQPX-TV  SCRANTON PA              160.3  LIC    BLCDT     -20060629AFR
 31   WPXN     NEW YORK NY              127.6  APP    USERRECORD-01

 Total scenarios =   3


Result key:        5
Scenario        1  Affected station        5
Before Analysis

Results for: 31A DE WILMINGTON           BLCDT     20031203AFL  LIC
   HAAT  374.0 m, ATV ERP  200.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     7750928      22257.0
   not affected by terrain losses   7537606      21563.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      703700       3121.4
   lost to ATV IX only               703700       3121.4
   lost to all IX                    703700       3121.4

 Potential Interfering Stations Included in above Scenario     1

30A NJ NEWARK               BLCDT     20090618ABZ  LIC
30A PA RED LION             BLCDT     20050615AAB  LIC
31A CT HARTFORD             BLCDT     20101222AAE  LIC
31A PA SCRANTON             BLCDT     20140326AAZ  LIC
32A PA PHILADELPHIA         BLANK     0000001047   LIC
31A NY NEW YORK             DTVPLN    DTVP1155     PLN

After Analysis

Results for: 31A DE WILMINGTON           BLCDT     20031203AFL  LIC
   HAAT  374.0 m, ATV ERP  200.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     7750928      22257.0
   not affected by terrain losses   7537606      21563.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      672271       3000.4
   lost to ATV IX only               672271       3000.4
   lost to all IX                    672271       3000.4

 Potential Interfering Stations Included in above Scenario     1

30A NJ NEWARK               BLCDT     20090618ABZ  LIC
30A PA RED LION             BLCDT     20050615AAB  LIC
31A CT HARTFORD             BLCDT     20101222AAE  LIC
31A PA SCRANTON             BLCDT     20140326AAZ  LIC
32A PA PHILADELPHIA         BLANK     0000001047   LIC
31A NY NEW YORK             USERRECORD01           APP
```

Percent new IX = -0.4599%

Worst case new IX -0.4599% Scenario 1

##

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WFXT	BOSTON MA	BLCDT	-20090422ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WBZ-TV	BOSTON MA	1.7	LIC	BLCDT	-20060420ABG
31	WTIC-TV	HARTFORD CT	149.0	LIC	BLCDT	-20101222AAE
31	WPPX-TV	WILMINGTON DE	419.6	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	292.2	PLN	DTVPLN	-DTVP1155
31	WSWB	SCRANTON PA	385.5	LIC	BLCDT	-20140326AAZ
31	WSWB-DR	SCRANTON PA	385.5	APP	BPRM	-20080619ALI
32	WBPX-TV	BOSTON MA	0.7	LIC	BLCDT	-20040723ACG
31	WPXN	NEW YORK NY	292.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 8
Scenario 1 Affected station 6
Before Analysis

Results for: 31A MA BOSTON BLCDT 20090422ABH LIC
HAAT 363.0 m, ATV ERP 780.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7127603	28358.9
not affected by terrain losses	7074339	27749.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	222093	2013.0
lost to ATV IX only	222093	2013.0
lost to all IX	222093	2013.0

Potential Interfering Stations Included in above Scenario 1

30A MA BOSTON	BLCDT	20060420ABG	LIC
31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A MA BOSTON	BLCDT	20040723ACG	LIC
31A NY NEW YORK	DTVPLN	DTVP1155	PLN

After Analysis

Results for: 31A MA BOSTON BLCDT 20090422ABH LIC
HAAT 363.0 m, ATV ERP 780.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7127603	28358.9
not affected by terrain losses	7074339	27749.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	222093	2013.0
lost to ATV IX only	222093	2013.0
lost to all IX	222093	2013.0

Potential Interfering Stations Included in above Scenario 1

30A MA BOSTON	BLCDT	20060420ABG	LIC
31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A MA BOSTON	BLCDT	20040723ACG	LIC
31A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

##

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WNCE-CD	GLENS FALLS NY	BLDTA	-20100812ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WUTR	UTICA NY	117.1	LIC	BLCDT	-20040217ADC
30	W30DM-D	MANCHESTER, ETC. VT	52.7	LIC	BLDTT	-20111118ARB
31	WTIC-TV	HARTFORD CT	191.4	LIC	BLCDT	-20101222AAE
31	WPPX-TV	WILMINGTON DE	381.6	LIC	BLCDT	-20031203AFL
31	WFXT	BOSTON MA	233.3	LIC	BLCDT	-20090422ABH
31	W31BP	BURLINGTON, ETC. NY	130.5	LIC	BLTTL	-19980120JE
31	WPXN-TV	NEW YORK NY	287.3	PLN	DTVPLN	-DTVP1155
31	WSWB	SCRANTON PA	262.7	LIC	BLCDT	-20140326AAZ
31	WSWB-DR	SCRANTON PA	262.7	APP	BPRM	-20080619ALI
31	WPXN	NEW YORK NY	287.2	APP	USERRECORD	-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WSWB	SCRANTON PA	BLCDT	-20140326AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WFUT-DT	NEWARK NJ	164.8	LIC	BLCDT	-20090618ABZ
30	WSKA	CORNING NY	136.5	LIC	BLEDT	-20060705ABL
30	WUTR	UTICA NY	195.4	LIC	BLCDT	-20040217ADC
30	WGCB-TV	RED LION PA	184.8	LIC	BLCDT	-20050615AAB
31	WTIC-TV	HARTFORD CT	242.7	LIC	BLCDT	-20101222AAE
31	WPPX-TV	WILMINGTON DE	160.4	LIC	BLCDT	-20031203AFL
31	WFXT	BOSTON MA	385.5	LIC	BLCDT	-20090422ABH
31	WPXN-TV	NEW YORK NY	164.7	PLN	DTVPLN	-DTVP1155
31	WSWB-DR	SCRANTON PA	0.0	APP	BPRM	-20080619ALI
32	WPSG	PHILADELPHIA PA	160.4	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	0.2	LIC	BLCDT	-20060629AFR
31	WPXN	NEW YORK NY	164.7	APP	USERRECORD	-01

Total scenarios = 3

Result key: 10
Scenario 2 Affected station 8
Before Analysis

Results for: 31A PA SCRANTON BLCDT 20140326AAZ LIC
HAAT 356.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1426040	22561.9
not affected by terrain losses	1096124	19148.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	655363	9592.3
lost to ATV IX only	655363	9592.3
lost to all IX	655363	9592.3

Potential Interfering Stations Included in above Scenario 2

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
31A PA SCRANTON	BPRM	20080619ALI	APP
32A PA SCRANTON	BLCDT	20060629AFR	LIC
31A NY NEW YORK	DTVPLN	DTVP1155	PLN

After Analysis

Results for: 31A PA SCRANTON BLCDT 20140326AAZ LIC
HAAT 356.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1426040	22561.9
not affected by terrain losses	1096124	19148.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	655363	9592.3
lost to ATV IX only	655363	9592.3
lost to all IX	655363	9592.3

Potential Interfering Stations Included in above Scenario 2

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
31A PA SCRANTON	BPRM	20080619ALI	APP
32A PA SCRANTON	BLCDT	20060629AFR	LIC
31A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 2

##

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WSWB-DR	SCRANTON PA	BPRM	-20080619ALI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WFUT-DT	NEWARK NJ	164.8	LIC	BLCDT	-20090618ABZ
30	WSKA	CORNING NY	136.5	LIC	BLEDT	-20060705ABL
30	WUTR	UTICA NY	195.4	LIC	BLCDT	-20040217ADC
30	WGCB-TV	RED LION PA	184.8	LIC	BLCDT	-20050615AAB
31	WTIC-TV	HARTFORD CT	242.7	LIC	BLCDT	-20101222AAE
31	WPPX-TV	WILMINGTON DE	160.4	LIC	BLCDT	-20031203AFL
31	WFXT	BOSTON MA	385.5	LIC	BLCDT	-20090422ABH
31	WPXN-TV	NEW YORK NY	164.8	PLN	DTVPLN	-DTVP1155
31	WSWB	SCRANTON PA	0.0	LIC	BLCDT	-20140326AAZ
32	WPSG	PHILADELPHIA PA	160.4	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	0.3	LIC	BLCDT	-20060629AFR
31	WPXN	NEW YORK NY	164.7	APP	USERRECORD	-01

Total scenarios = 1

Result key: 12
Scenario 1 Affected station 9
Before Analysis

Results for: 31A PA SCRANTON BPRM 20080619ALI APP
HAAT 352.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1419412	22454.0
not affected by terrain losses	1082852	19028.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	653490	9480.4
lost to ATV IX only	653490	9480.4
lost to all IX	653490	9480.4

Potential Interfering Stations Included in above Scenario 1

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
31A PA SCRANTON	BLCDT	20140326AAZ	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
31A NY NEW YORK	DTVPLN	DTVP1155	PLN

After Analysis

Results for: 31A PA SCRANTON BPRM 20080619ALI APP
HAAT 352.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1419412	22454.0
not affected by terrain losses	1082852	19028.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	653365	9476.4
lost to ATV IX only	653365	9476.4
lost to all IX	653365	9476.4

Potential Interfering Stations Included in above Scenario 1

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
31A PA SCRANTON	BLCDT	20140326AAZ	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
31A NY NEW YORK	USERRECORD01		APP

Percent new IX = -0.0291%

Worst case new IX -0.0291% Scenario 1

##

Analysis of Interference to Affected Station 10

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Analysis of current record
Channel     Call           City/State        Application Ref. No.
   32      WPSG       PHILADELPHIA PA           BLANK     -0000001047

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 31   WPPX-TV  WILMINGTON DE              0.0  LIC    BLCDT     -20031203AFL
 31   WPXN-TV  NEW YORK NY              127.6  PLN    DTVPLN    -DTVP1155
 31   WSWB     SCRANTON PA              160.4  LIC    BLCDT     -20140326AAZ
 31   WSWB-DR  SCRANTON PA              160.4  APP    BPRM      -20080619ALI
 32   WBPX-TV  BOSTON MA                419.6  LIC    BLCDT     -20040723ACG
 32   WTAJ-TV  ALTOONA PA               277.9  LIC    BLCDT     -20051018ACE
 32   WQPX-TV  SCRANTON PA              160.3  LIC    BLCDT     -20060629AFR
 32   WVIR-TV  CHARLOTTESVILLE VA       361.7  LIC    BLCDT     -20040908AAE
 33   WHUT-TV  WASHINGTON DC            199.3  LIC    BLEDT     -20071018AIJ
 33   WHUT-TV  WASHINGTON DC            199.3  CP     BPEDT     -20120627AAD
 33   WCBS-TV  NEW YORK NY              127.6  APP    BMPCDT    -20080619AAZ
 33   WCBS-TV  NEW YORK NY              131.8  LIC    BLCDT     -20090612AFN
 31   WPXN     NEW YORK NY              127.6  APP    USERRECORD-01

 Total scenarios =   2

Result key:       14
Scenario        2  Affected station       10
Before Analysis

Results for: 32A PA PHILADELPHIA         BLANK     0000001047   LIC
   HAAT  400.0 m, ATV ERP  800.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9669508      29443.7
   not affected by terrain losses   9345274      28629.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      367609        905.9
   lost to ATV IX only               367609        905.9
   lost to all IX                    367609        905.9

 Potential Interfering Stations Included in above Scenario     2

32A PA ALTOONA              BLCDT     20051018ACE  LIC
32A PA SCRANTON             BLCDT     20060629AFR  LIC
32A VA CHARLOTTESVILLE      BLCDT     20040908AAE  LIC
33A NY NEW YORK             BMPCDT    20080619AAZ  APP
31A NY NEW YORK             DTVPLN    DTVP1155     PLN

After Analysis

Results for: 32A PA PHILADELPHIA         BLANK     0000001047   LIC
   HAAT  400.0 m, ATV ERP  800.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9669508      29443.7
   not affected by terrain losses   9345274      28629.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      367609        905.9
   lost to ATV IX only               367609        905.9
   lost to all IX                    367609        905.9

 Potential Interfering Stations Included in above Scenario     2

32A PA ALTOONA              BLCDT     20051018ACE  LIC
32A PA SCRANTON             BLCDT     20060629AFR  LIC
32A VA CHARLOTTESVILLE      BLCDT     20040908AAE  LIC
33A NY NEW YORK             BMPCDT    20080619AAZ  APP
31A NY NEW YORK             USERRECORD01           APP

Percent new IX =    0.0000%

Worst case new IX    0.0000% Scenario      2

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     Analysis of Interference to Affected Station  11


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   32      WQPX-TV    SCRANTON PA              BLCDT     -20060629AFR

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 31   WPPX-TV  WILMINGTON DE            160.3  LIC    BLCDT     -20031203AFL
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 31   WPXN-TV  NEW YORK NY              164.5  PLN    DTVPLN    -DTVP1155
 31   WSWB     SCRANTON PA               0.2  LIC    BLCDT     -20140326AAZ
 31   WSWB-DR  SCRANTON PA               0.3  APP    BPRM      -20080619ALI
 32   WBPX-TV  BOSTON MA                385.0  LIC    BLCDT     -20040723ACG
 32   WNLO     BUFFALO NY               317.1  LIC    BLCDT     -20070320AAV
 32   WTAJ-TV  ALTOONA PA               247.3  LIC    BLCDT     -20051018ACE
 32   WPSG     PHILADELPHIA PA          160.3  LIC    BLANK     -0000001047
 32   WETK     BURLINGTON VT            417.2  LIC    BLEDT     -20061011ADW
 33   WCBS-TV  NEW YORK NY              164.4  APP    BMPCDT    -20080619AAZ
 33   WCBS-TV  NEW YORK NY              164.5  LIC    BLCDT     -20090612AFN
 31   WPXN     NEW YORK NY              164.5  APP    USERRECORD-01
 Proposal causes no interference

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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