

EXHIBIT 11
Interference Analysis
WKOBLD
Facility ID No. 51441

This Technical Exhibit is attached to FCC Form 346 in support of the Applicant's request for a Minor Modification to a Construction Permit. The proposed modified operational parameters for WKOB-LD are as follows:

| | |
|---|---------------------------|
| Channel | 2 |
| Out-of-channel Emission Mask: | STINGENT |
| Antenna radiation center height above ground level: | 265.5 meters |
| Maximum effective radiated power: | .300 KW |
| Antenna type and model #: | MCI AT11-303-O-CP-CH2 |
| Transmitter Site | 40-45-7.7 N 73-59-3.6W |
| Antenna Structure Registration | 1268297 |

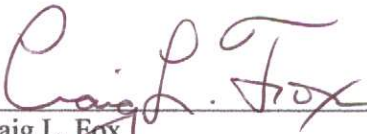
A study has been conducted using the provisions of sections 74.703 74.705, 74.706, 74.707, 74.708 and 74.709.

This study indicates that the proposal will create prohibited interference with LPTV facility WBQM channel 3. An INTERFERENCE WAIVER from the Licensee of WBQM is included with this Exhibit and included in Exhibit 1.

CONSENT

Renard Communications Corp. ("Renard"), licensee of Station WBQM-LP/LD, Brooklyn, New York, hereby provides its consent to Nave Broadcasting, LLC ("Nave"), licensee of digital Station WKOB-LP, New York, New York (Channel 2) for Nave to file a minor change application with the Federal Communications Commission ("FCC") to increase its effective radiated power to 0.3 kW at its presently authorized location in FCC construction permit BMPDVL-20090430ABQ. Renard does not object to an FCC grant of the WKOB-LP Channel 2 minor change application and agrees to accept any resulting interference.

RENARD COMMUNICATIONS CORP.



Craig L. Fox
President

Date: October 1, 2009

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-12-2009 Time: 15:55:25

Record Selected for Analysis

NEW BSFDTL -20200910ACG NEW YORK NY US
Channel 2 ERP 0.3 kW HAAT 261 m RCAMSL 275 m STRINGENT MASK
Latitude 40 -45-8 Longitude 73 -58-4
Status APP Zone 0 Border
Last update 00000000 Cutoff date 00000000 Docket
Comments
Applicant MAKO COMMUNICATIONS, LLC

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

| Azimuth (Deg) | ERP (kW) | HAAT (m) | 43.0 dBu F(50,90) (km) |
|------------------|-------------|-------------|---------------------------|
| 0.0 | 0.300 | 236.5 | 44.5 |
| 45.0 | 0.300 | 269.2 | 46.3 |
| 90.0 | 0.300 | 261.6 | 45.9 |
| 135.0 | 0.300 | 260.8 | 45.8 |
| 180.0 | 0.300 | 261.1 | 45.9 |
| 225.0 | 0.300 | 273.9 | 46.6 |
| 270.0 | 0.300 | 265.3 | 46.1 |
| 315.0 | 0.300 | 260.7 | 45.8 |

Contour Overlap to Proposed Station

Station
WBQM-LP 3 BROOKLYN NY BLTVL20080612AAB

Station inside contour of Digital LPTV station
NEW 2 NEW YORK NY BSFDTL 20200910ACG

Contour Overlap Evaluation to Proposed Station Complete

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 = 396.2km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

| Channel | Proposed Station Call | City/State | ARN | |
|---------|--------------------------|-------------|--------|-------------|
| 2 | NEW | NEW YORK NY | BSFDTL | 20200910ACG |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|-------------|--------------|
| 02 | KJWY-DR | WILMINGTON DE | 133.5 | APP | BPRM | -20090615AGB |
| 02 | WNDC-LP | SALISBURY MD | 292.3 | APP | BDISDVL | -20090717AAR |
| 02 | WKOB-LP | NEW YORK NY | 0.0 | CP MOD | BMPDVL | -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 133.3 | CP | BDISDVL | -20090427ACP |
| 02 | WVBK-CA | MANCHESTER, ETC. VT | 286.5 | LIC | BLTVA | -20040713ACD |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 1.6 | APP | BPRM | -20090615AGA |
| 03 | WBQM-LP | BROOKLYN NY | 0.0 | LIC | BLTVL | -20080612AAB |
| 03 | WBQM-LP | BROOKLYN NY | 0.0 | APP | BSTA | -20080102AAE |
| 03 | WFPA-CA | PHILADELPHIA PA | 133.3 | APP | BDISDVA | -20090630AAI |

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|---------------|-------------|--------------|
| 02 | KJWY-DR | WILMINGTON DE | BPRM | -20090615AGB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|-------------|--------------|
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 132.5 | APP | BPRM | -20090615AGA |
| 2 | NEW | NEW YORK NY | 133.5 | APP | BSFDTL | -20200910ACG |

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 1 KJWY-DR

Before Analysis

Results for: 2A DE WILMINGTON BPRM 20090615AGB APP

| | | |
|--------------------------------|------------|--------------|
| HAAT 261.0 m, ATV ERP 10.0 kW | | |
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 10361951 | 33744.6 |
| not affected by terrain losses | 10264120 | 32860.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 0 | 0.0 |

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 2A DE WILMINGTON BPRM 20090615AGB APP

| | | |
|--------------------------------|------------|--------------|
| HAAT 261.0 m, ATV ERP 10.0 kW | | |
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 10361951 | 33744.6 |
| not affected by terrain losses | 10264120 | 32860.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1430079 | 2426.2 |
| lost to ATV IX only | 1430079 | 2426.2 |
| lost to all IX | 1430079 | 2426.2 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
 ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
 Antenna 99999999999999

Due to interference to the following station and scenario: 1

2D DE WILMINGTON BPRM 20090615AGB
 ERP 10.00 kW HAAT 261.0 m RCAMSL 324.0 m
 Antenna 99999999999999

| | | | |
|--|------|---------|-------------|
| Percent Service lost without proposal: | 0.0 | to BPRM | 20090615AGB |
| Percent Service lost with proposal: | 13.9 | to BPRM | 20090615AGB |

Result key: 2
 Scenario 2 Affected station 1 KJWY-DR
 Before Analysis

Results for: 2A DE WILMINGTON BPRM 20090615AGB APP

| | | |
|--------------------------------|------------|--------------|
| HAAT 261.0 m, ATV ERP 10.0 kW | | |
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 10361951 | 33744.6 |
| not affected by terrain losses | 10264120 | 32860.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 240775 | 220.7 |
| lost to ATV IX only | 240775 | 220.7 |
| lost to all IX | 240775 | 220.7 |

Potential Interfering Stations Included in above Scenario 2

3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

After Analysis

Results for: 2A DE WILMINGTON BPRM 20090615AGB APP

HAAT 261.0 m, ATV ERP 10.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 10361951 | 33744.6 |
| not affected by terrain losses | 10264120 | 32860.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1431450 | 2432.1 |
| lost to ATV IX only | 1431450 | 2432.1 |
| lost to all IX | 1431450 | 2432.1 |

Potential Interfering Stations Included in above Scenario 2

3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG

ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m

Antenna 9999999999999999

Due to interference to the following station and scenario: 2

2D DE WILMINGTON BPRM 20090615AGB

ERP 10.00 kW HAAT 261.0 m RCAMSL 324.0 m

Antenna 9999999999999999

Percent Service lost without proposal: 0.0 to BPRM 20090615AGB

Percent Service lost with proposal: 11.9 to BPRM 20090615AGB

Worst case new IX 13.9328% Scenario 1

Proposed station is MX

2A NY NEW YORK BSFDTL 20200910ACG APP

2A DE WILMINGTON BPRM 20090615AGB APP

Proposal MX with BPRM 20090615AGB scenario 1 of station 1

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Analysis of Interference to Affected Station 2

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|--------------|----------------------|
| 02 | WNDC-LP | SALISBURY MD | BDISDVL -20090717AAR |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|---------------|----------|--------|----------------------|
| 02 | KJWY-DR | WILMINGTON DE | 176.4 | APP | BPRM -20090615AGB |

| | | | | | | |
|----|---------|-----------------|-------|--------|---------|--------------|
| 02 | WKOB-LP | NEW YORK NY | 292.3 | CP MOD | BMPDVL | -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 176.5 | CP | BDISDVL | -20090427ACP |
| 03 | WFPA-CA | PHILADELPHIA PA | 176.5 | APP | BDISDVA | -20090630AAI |
| 2 | NEW | NEW YORK NY | 292.3 | APP | BSFDTL | -20200910ACG |

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------|-------------|--------------|
| 02 | WKOB-LP | NEW YORK NY | BMPDVL | -20090430ABQ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|-------------|--------------|
| 02 | KJWY-DR | WILMINGTON DE | 133.5 | APP | BPRM | -20090615AGB |
| 02 | WNDC-LP | SALISBURY MD | 292.3 | APP | BDISDVL | -20090717AAR |
| 02 | WZPA-LP | PHILADELPHIA PA | 133.3 | CP | BDISDVL | -20090427ACP |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 1.6 | APP | BPRM | -20090615AGA |
| 03 | WBQM-LP | BROOKLYN NY | 0.0 | LIC | BLTVL | -20080612AAB |
| 03 | WBQM-LP | BROOKLYN NY | 0.0 | APP | BSTA | -20080102AAE |
| 03 | WFPA-CA | PHILADELPHIA PA | 133.3 | APP | BDISDVA | -20090630AAI |
| 2 | NEW | NEW YORK NY | 0.0 | APP | BSFDTL | -20200910ACG |

Total scenarios = 4

Result key: 3

Scenario 1 Affected station 3 WKOB-LP
Before Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP

HAAT 1.0 m, ATV ERP 0.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 0 | 0.0 |

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP

HAAT 1.0 m, ATV ERP 0.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13503718 | 5384.1 |

| | | |
|---------------------|----------|--------|
| lost to ATV IX only | 13503718 | 5384.1 |
| lost to all IX | 13503718 | 5384.1 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
 ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
 Antenna 999999999999999

Due to interference to the following station and scenario: 1

2D NY NEW YORK BMPDVL 20090430ABQ
 ERP 0.19 kW HAAT 1.0 m RCAMSL 274.0 m
 Antenna CDB 999999999999999

| | | | |
|--|------|-----------|-------------|
| Percent Service lost without proposal: | 0.0 | to BMPDVL | 20090430ABQ |
| Percent Service lost with proposal: | 97.1 | to BMPDVL | 20090430ABQ |

Result key: 4
 Scenario 2 Affected station 3 WKOB-LP
 Before Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP

| | | |
|--------------------------------|------------|--------------|
| HAAT 1.0 m, ATV ERP 0.2 kW | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 196482 | 182.9 |
| lost to ATV IX only | 196482 | 182.9 |
| lost to all IX | 196482 | 182.9 |

Potential Interfering Stations Included in above Scenario 2

2A DE WILMINGTON BPRM 20090615AGB APP
 3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

After Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP

| | | |
|--------------------------------|------------|--------------|
| HAAT 1.0 m, ATV ERP 0.2 kW | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13503718 | 5384.1 |
| lost to ATV IX only | 13503718 | 5384.1 |
| lost to all IX | 13503718 | 5384.1 |

Potential Interfering Stations Included in above Scenario 2

2A DE WILMINGTON BPRM 20090615AGB APP
 3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP
 2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
Antenna 999999999999999

Due to interference to the following station and scenario: 2

2D NY NEW YORK BMPDVL 20090430ABQ
ERP 0.19 kW HAAT 1.0 m RCAMSL 274.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BMPDVL 20090430ABQ
Percent Service lost with proposal: 97.0 to BMPDVL 20090430ABQ

Result key: 5
Scenario 3 Affected station 3 WKOB-LP
Before Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP

HAAT 1.0 m, ATV ERP 0.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 164030 | 143.1 |
| lost to ATV IX only | 164030 | 143.1 |
| lost to all IX | 164030 | 143.1 |

Potential Interfering Stations Included in above Scenario 3

2A DE WILMINGTON BPRM 20090615AGB APP

After Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP

HAAT 1.0 m, ATV ERP 0.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13503718 | 5384.1 |
| lost to ATV IX only | 13503718 | 5384.1 |
| lost to all IX | 13503718 | 5384.1 |

Potential Interfering Stations Included in above Scenario 3

2A DE WILMINGTON BPRM 20090615AGB APP

2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
Antenna 999999999999999

Due to interference to the following station and scenario: 3

2D NY NEW YORK BMPDVL 20090430ABQ

ERP 0.19 kW HAAT 1.0 m RCAMSL 274.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BMPDVL 20090430ABQ
Percent Service lost with proposal: 97.0 to BMPDVL 20090430ABQ

Result key: 6
Scenario 4 Affected station 3 WKOB-LP
Before Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP
HAAT 1.0 m, ATV ERP 0.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 36638 | 44.7 |
| lost to ATV IX only | 36638 | 44.7 |
| lost to all IX | 36638 | 44.7 |

Potential Interfering Stations Included in above Scenario 4

3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

After Analysis

Results for: 2A NY NEW YORK BMPDVL 20090430ABQ CP
HAAT 1.0 m, ATV ERP 0.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 13910606 | 5631.6 |
| not affected by terrain losses | 13910606 | 5631.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13503718 | 5384.1 |
| lost to ATV IX only | 13503718 | 5384.1 |
| lost to all IX | 13503718 | 5384.1 |

Potential Interfering Stations Included in above Scenario 4

3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP
2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
Antenna 999999999999999

Due to interference to the following station and scenario: 4

2D NY NEW YORK BMPDVL 20090430ABQ
ERP 0.19 kW HAAT 1.0 m RCAMSL 274.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BMPDVL 20090430ABQ
Percent Service lost with proposal: 97.1 to BMPDVL 20090430ABQ

Worst case new IX 97.0750% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-----------------|-------------|--------------|
| 02 | WZPA-LP | PHILADELPHIA PA | BDISDVL | -20090427ACP |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|-------------|--------------|
| 02 | KJWY-DR | WILMINGTON DE | 0.3 | APP | BPRM | -20090615AGB |
| 02 | WNDC-LP | SALISBURY MD | 176.5 | APP | BDISDVL | -20090717AAR |
| 02 | WKOB-LP | NEW YORK NY | 133.3 | CP MOD | BMPDVL | -20090430ABQ |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 132.3 | APP | BPRM | -20090615AGA |
| 03 | WBQM-LP | BROOKLYN NY | 133.3 | APP | BSTA | -20080102AAE |
| 03 | WFPA-CA | PHILADELPHIA PA | 0.0 | APP | BDISDVA | -20090630AAI |
| 2 | NEW | NEW YORK NY | 133.3 | APP | BSFDTL | -20200910ACG |

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|---------------------|-------------|--------------|
| 02 | WVBK-CA | MANCHESTER, ETC. VT | BLTVA | -20040713ACD |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|-------------|--------------|
| 02 | WLBZ | BANGOR ME | 380.6 | CP | BPCDT | -20080616ADA |
| 02 | WLBZ | BANGOR ME | 380.6 | PLN | DTVPLN | -DTVP0003 |
| 02 | WKOB-LP | NEW YORK NY | 286.5 | CP MOD | BMPDVL | -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 401.0 | CP | BDISDVL | -20090427ACP |
| 03 | WTMU-LP | BOSTON MA | 172.7 | CP | BDCCDVL | -20061027ABN |
| 03 | W03AM | HARRISON ME | 206.8 | CP | BDFCDTT | -20060323ABI |
| 2 | NEW | NEW YORK NY | 286.5 | APP | BSFDTL | -20200910ACG |

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------------------|-------------|--------------|
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | BPRM | -20090615AGA |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|-------------|--------------|
| 02 | KJWY-DR | WILMINGTON DE | 132.5 | APP | BPRM | -20090615AGB |
| 2 | NEW | NEW YORK NY | 1.6 | APP | BSFDTL | -20200910ACG |

Total scenarios = 2

Result key: 7
Scenario 1 Affected station 6 KVVN-DR
Before Analysis

Results for: 3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP
HAAT 262.0 m, ATV ERP 10.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 20555856 | 33957.9 |
| not affected by terrain losses | 20297312 | 32604.4 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 0 | 0.0 |

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP
HAAT 262.0 m, ATV ERP 10.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 20555856 | 33957.9 |
| not affected by terrain losses | 20297312 | 32604.4 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 126 | 6.0 |
| lost to ATV IX only | 126 | 6.0 |
| lost to all IX | 126 | 6.0 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BSFDTL 20200910ACG APP

Percent new IX = 0.0006%

Result key: 8
Scenario 2 Affected station 6 KVVN-DR
Before Analysis

Results for: 3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP
HAAT 262.0 m, ATV ERP 10.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 20555856 | 33957.9 |
| not affected by terrain losses | 20297312 | 32604.4 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 178279 | 371.7 |
| lost to ATV IX only | 178279 | 371.7 |
| lost to all IX | 178279 | 371.7 |

Potential Interfering Stations Included in above Scenario 2

2A DE WILMINGTON BPRM 20090615AGB APP

After Analysis

Results for: 3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

HAAT 262.0 m, ATV ERP 10.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 20555856 | 33957.9 |
| not affected by terrain losses | 20297312 | 32604.4 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 178405 | 377.6 |
| lost to ATV IX only | 178405 | 377.6 |
| lost to all IX | 178405 | 377.6 |

Potential Interfering Stations Included in above Scenario 2

2A DE WILMINGTON BPRM 20090615AGB APP

2A NY NEW YORK BSFDTL 20200910ACG APP

Percent new IX = 0.0006%

Worst case new IX 0.0006% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-------------|---------------------------|
| 03 | WBQM-LP | BROOKLYN NY | BLTVL -20080612AAB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------------|----------|--------|-----------------------------|
| 02 | KJWY-DR | WILMINGTON DE | 133.5 | APP | BPRM -20090615AGB |
| 02 | WKOB-LP | NEW YORK NY | 0.0 | CP MOD | BMPDVL -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 133.3 | CP | BDISDVL -20090427ACP |
| 03 | WTMU-LP | BOSTON MA | 286.4 | CP | BDCCDVL -20061027ABN |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 1.7 | APP | BPRM -20090615AGA |
| 03 | WFPA-CA | PHILADELPHIA PA | 133.3 | APP | BDISDVA -20090630AAI |
| 04 | WPXO-LD | EAST ORANGE NJ | 1.6 | APP | BDISDVL -20090630ACB |
| 2 | NEW | NEW YORK NY | 0.0 | APP | BSFDTL -20200910ACG |

Total scenarios = 5

Result key: 9

Scenario 1 Affected station 7 WBQM-LP

Before Analysis

Results for: 3N NY BROOKLYN BLTVL 20080612AAB LIC

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |

| | | |
|------------------------------|---------|-------|
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2136466 | 190.9 |
| lost to all IX | 2136466 | 190.9 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BMPDVL 20090430ABQ CP

After Analysis

Results for: 3N NY BROOKLYN BLTVL 20080612AAB LIC

| | | |
|--------------------------------|------------|--------------|
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2666142 | 224.7 |
| lost to all IX | 2666142 | 224.7 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BMPDVL 20090430ABQ CP
2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
Antenna 999999999999999

Due to interference to the following station and scenario: 1

3N NY BROOKLYN BLTVL 20080612AAB
ERP 0.75 kW HAAT 274.0 m RCAMSL 274.0 m
Antenna CDB 00000000020833

| | | | |
|--|------|-------|-------------|
| Percent new DTV interference without proposal: | 40.7 | BLTVL | 20080612AAB |
| Percent new DTV interference with proposal: | 50.8 | BLTVL | 20080612AAB |

Result key: 10

Scenario 2 Affected station 7 WBQM-LP

Before Analysis

Results for: 3N NY BROOKLYN BLTVL 20080612AAB LIC

| | | |
|--------------------------------|------------|--------------|
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 5098218 | 569.8 |
| lost to all IX | 5098218 | 569.8 |

Potential Interfering Stations Included in above Scenario 2

2A NY NEW YORK BMPDVL 20090430ABQ CP
3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP
4A NJ EAST ORANGE BDISDVL 20090630ACB APP

After Analysis

| | | | | |
|--------------------------------|----------------|------------|--------------|-----|
| Results for: | 3N NY BROOKLYN | BLTVL | 20080612AAB | LIC |
| | | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | | 5250632 | 582.8 | |
| not affected by terrain losses | | 5250632 | 582.8 | |
| lost to NTSC IX | | 0 | 0.0 | |
| lost to additional IX by ATV | | 5098218 | 569.8 | |
| lost to all IX | | 5098218 | 569.8 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|---------------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

Percent new IX = 0.0000%

Result key: 11
 Scenario 3 Affected station 7 WBQM-LP
 Before Analysis

| | | | | |
|--------------------------------|----------------|------------|--------------|-----|
| Results for: | 3N NY BROOKLYN | BLTVL | 20080612AAB | LIC |
| | | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | | 5250632 | 582.8 | |
| not affected by terrain losses | | 5250632 | 582.8 | |
| lost to NTSC IX | | 0 | 0.0 | |
| lost to additional IX by ATV | | 5098218 | 569.8 | |
| lost to all IX | | 5098218 | 569.8 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---------------------------|--------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |

After Analysis

| | | | | |
|--------------------------------|----------------|------------|--------------|-----|
| Results for: | 3N NY BROOKLYN | BLTVL | 20080612AAB | LIC |
| | | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | | 5250632 | 582.8 | |
| not affected by terrain losses | | 5250632 | 582.8 | |
| lost to NTSC IX | | 0 | 0.0 | |
| lost to additional IX by ATV | | 5098218 | 569.8 | |
| lost to all IX | | 5098218 | 569.8 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---------------------------|--------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

Percent new IX = 0.0000%

Result key: 12
 Scenario 4 Affected station 7 WBQM-LP
 Before Analysis

| | | | | |
|--------------|----------------|-------|-------------|-----|
| Results for: | 3N NY BROOKLYN | BLTVL | 20080612AAB | LIC |
|--------------|----------------|-------|-------------|-----|

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2136466 | 190.9 |
| lost to all IX | 2136466 | 190.9 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |

After Analysis

Results for: 3N NY BROOKLYN BLTVL 20080612AAB LIC

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2666142 | 224.7 |
| lost to all IX | 2666142 | 224.7 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
 ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
 Antenna 999999999999999

Due to interference to the following station and scenario: 4

3N NY BROOKLYN BLTVL 20080612AAB
 ERP 0.75 kW HAAT 274.0 m RCAMSL 274.0 m
 Antenna CDB 00000000020833

| | | | |
|--|------|-------|-------------|
| Percent new DTV interference without proposal: | 40.7 | BLTVL | 20080612AAB |
| Percent new DTV interference with proposal: | 50.8 | BLTVL | 20080612AAB |

Result key: 13
 Scenario 5 Affected station 7 WBQM-LP
 Before Analysis

Results for: 3N NY BROOKLYN BLTVL 20080612AAB LIC

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2136466 | 190.9 |
| lost to all IX | 2136466 | 190.9 |

Potential Interfering Stations Included in above Scenario 5

| | | | |
|----------------|--------|-------------|----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
|----------------|--------|-------------|----|

After Analysis

Results for: 3N NY BROOKLYN BLTVL 20080612AAB LIC

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 5250632 | 582.8 |
| not affected by terrain losses | 5250632 | 582.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2666142 | 224.7 |
| lost to all IX | 2666142 | 224.7 |

Potential Interfering Stations Included in above Scenario 5

| | | | |
|----------------|--------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

The following station failed the de minimis interference criteria.

| | | |
|--------------------------|-----------------|-------------|
| 2D NY NEW YORK | BSFDTL | 20200910ACG |
| ERP 0.30 kW HAAT 261.0 m | RCAMSL | 275.0 m |
| Antenna | 999999999999999 | |

Due to interference to the following station and scenario: 5

| | | |
|----------------------------|--------|-------------|
| 3N NY BROOKLYN | BLTVL | 20080612AAB |
| ERP 0.75 kW HAAT 274.0 m | RCAMSL | 274.0 m |
| Antenna CDB 00000000020833 | | |

| | | | |
|--|------|-------|-------------|
| Percent new DTV interference without proposal: | 40.7 | BLTVL | 20080612AAB |
| Percent new DTV interference with proposal: | 50.8 | BLTVL | 20080612AAB |

Worst case new IX 10.0878% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------|-------------|--------------|
| 03 | WBQM-LP | BROOKLYN NY | BSTA | -20080102AAE |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|-------------|--------------|
| 02 | KJWY-DR | WILMINGTON DE | 133.5 | APP | BPRM | -20090615AGB |
| 02 | WKOB-LP | NEW YORK NY | 0.0 | CP MOD | BMPDVL | -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 133.3 | CP | BDISDVL | -20090427ACP |
| 03 | WTMU-LP | BOSTON MA | 286.4 | CP | BDCCDVL | -20061027ABN |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 1.7 | APP | BPRM | -20090615AGA |
| 03 | WFPA-CA | PHILADELPHIA PA | 133.3 | APP | BDISDVA | -20090630AAI |
| 04 | WPXO-LD | EAST ORANGE NJ | 1.6 | APP | BDISDVL | -20090630ACB |
| 2 | NEW | NEW YORK NY | 0.0 | APP | BSFDTL | -20200910ACG |

Total scenarios = 5

Result key: 14
Scenario 1 Affected station 8 WBQM-LP
Before Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4376305 | 718.4 |
| lost to ATV IX only | 4376305 | 718.4 |
| lost to all IX | 4376305 | 718.4 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BMPDVL 20090430ABQ CP

After Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4680167 | 772.1 |
| lost to ATV IX only | 4680167 | 772.1 |
| lost to all IX | 4680167 | 772.1 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BMPDVL 20090430ABQ CP
2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
Antenna 99999999999999

Due to interference to the following station and scenario: 1

3D NY BROOKLYN BSTA 20080102AAE
ERP 0.30 kW HAAT 1.0 m RCAMSL 274.0 m
Antenna CDB 00000000020833

Percent Service lost without proposal: 0.0 to BSTA 20080102AAE
Percent Service lost with proposal: 5.6 to BSTA 20080102AAE

Result key: 15
Scenario 2 Affected station 8 WBQM-LP
Before Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |

| | | |
|--------------------------------|---------|--------|
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 9642309 | 2389.1 |
| lost to ATV IX only | 9642309 | 2389.1 |
| lost to all IX | 9642309 | 2389.1 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|---------------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |

After Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
 HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 9642615 | 2390.1 |
| lost to ATV IX only | 9642615 | 2390.1 |
| lost to all IX | 9642615 | 2390.1 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|---------------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

Percent new IX = 0.1520%

Result key: 16
 Scenario 3 Affected station 8 WBQM-LP
 Before Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
 HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 9642309 | 2389.1 |
| lost to ATV IX only | 9642309 | 2389.1 |
| lost to all IX | 9642309 | 2389.1 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---------------------------|--------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |

After Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
 HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--|------------|--------------|
|--|------------|--------------|

| | | |
|--------------------------------|---------|--------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 9642615 | 2390.1 |
| lost to ATV IX only | 9642615 | 2390.1 |
| lost to all IX | 9642615 | 2390.1 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---------------------------|--------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 3A NJ MIDDLETOWN TOWNSHIP | BPRM | 20090615AGA | APP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

Percent new IX = 0.1520%

Result key: 17
 Scenario 4 Affected station 8 WBQM-LP
 Before Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
 HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4376305 | 718.4 |
| lost to ATV IX only | 4376305 | 718.4 |
| lost to all IX | 4376305 | 718.4 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |

After Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
 HAAT 1.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 9843574 | 2422.9 |
| not affected by terrain losses | 9843574 | 2422.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 4680167 | 772.1 |
| lost to ATV IX only | 4680167 | 772.1 |
| lost to all IX | 4680167 | 772.1 |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------------|---------|-------------|-----|
| 2A NY NEW YORK | BMPDVL | 20090430ABQ | CP |
| 4A NJ EAST ORANGE | BDISDVL | 20090630ACB | APP |
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |

The following station failed the de minimis interference criteria.

| | | |
|----------------|----------------|----------------|
| 2D NY NEW YORK | BSFDTL | 20200910ACG |
| ERP 0.30 kW | HAAT 261.0 m | RCAMSL 275.0 m |
| Antenna | 99999999999999 | |

Due to interference to the following station and scenario: 4
3D NY BROOKLYN BSTA 20080102AAE
ERP 0.30 kW HAAT 1.0 m RCAMSL 274.0 m
Antenna CDB 00000000020833

Percent Service lost without proposal: 0.0 to BSTA 20080102AAE
Percent Service lost with proposal: 5.6 to BSTA 20080102AAE

Result key: 18
Scenario 5 Affected station 8 WBQM-LP
Before Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
HAAT 1.0 m, ATV ERP 0.3 kW
POPULATION AREA (sq km)
within Noise Limited Contour 9843574 2422.9
not affected by terrain losses 9843574 2422.9
lost to NTSC IX 0 0.0
lost to additional IX by ATV 4376305 718.4
lost to ATV IX only 4376305 718.4
lost to all IX 4376305 718.4

Potential Interfering Stations Included in above Scenario 5

2A NY NEW YORK BMPDVL 20090430ABQ CP

After Analysis

Results for: 3A NY BROOKLYN BSTA 20080102AAE APP
HAAT 1.0 m, ATV ERP 0.3 kW
POPULATION AREA (sq km)
within Noise Limited Contour 9843574 2422.9
not affected by terrain losses 9843574 2422.9
lost to NTSC IX 0 0.0
lost to additional IX by ATV 4680167 772.1
lost to ATV IX only 4680167 772.1
lost to all IX 4680167 772.1

Potential Interfering Stations Included in above Scenario 5

2A NY NEW YORK BMPDVL 20090430ABQ CP
2A NY NEW YORK BSFDTL 20200910ACG APP

The following station failed the de minimis interference criteria.

2D NY NEW YORK BSFDTL 20200910ACG
ERP 0.30 kW HAAT 261.0 m RCAMSL 275.0 m
Antenna 99999999999999

Due to interference to the following station and scenario: 5
3D NY BROOKLYN BSTA 20080102AAE
ERP 0.30 kW HAAT 1.0 m RCAMSL 274.0 m
Antenna CDB 00000000020833

Percent Service lost without proposal: 0.0 to BSTA 20080102AAE
Percent Service lost with proposal: 5.6 to BSTA 20080102AAE

Worst case new IX 5.5578% Scenario 1

Proposed station is MX

| | | | |
|----------------|--------|-------------|-----|
| 2A NY NEW YORK | BSFDTL | 20200910ACG | APP |
| 3A NY BROOKLYN | BSTA | 20080102AAE | APP |

Proposal MX with BSTA 20080102AAE scenario 1 of station 8

#####

Analysis of Interference to Affected Station 9

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-----------------|----------------------|
| 03 | WFPA-CA | PHILADELPHIA PA | BDISDVA -20090630AAI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------------|----------|--------|----------------------|
| 02 | KJWY-DR | WILMINGTON DE | 0.3 | APP | BPRM -20090615AGB |
| 02 | WNDC-LP | SALISBURY MD | 176.5 | APP | BDISDVL -20090717AAR |
| 02 | WKOB-LP | NEW YORK NY | 133.3 | CP MOD | BMPDVL -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 0.0 | CP | BDISDVL -20090427ACP |
| 03 | WTMU-LP | BOSTON MA | 419.6 | CP | BDCCDVL -20061027ABN |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 132.3 | APP | BPRM -20090615AGA |
| 03 | WBQM-LP | BROOKLYN NY | 133.3 | APP | BSTA -20080102AAE |
| 04 | WPXO-LD | EAST ORANGE NJ | 131.8 | APP | BDISDVL -20090630ACB |
| 2 | NEW | NEW YORK NY | 133.3 | APP | BSFDTL -20200910ACG |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|-------------|----------------------|
| 2 | NEW | NEW YORK NY | BSFDTL -20200910ACG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------------|----------|--------|----------------------|
| 02 | KJWY-DR | WILMINGTON DE | 133.5 | APP | BPRM -20090615AGB |
| 02 | WNDC-LP | SALISBURY MD | 292.3 | APP | BDISDVL -20090717AAR |
| 02 | WKOB-LP | NEW YORK NY | 0.0 | CP MOD | BMPDVL -20090430ABQ |
| 02 | WZPA-LP | PHILADELPHIA PA | 133.3 | CP | BDISDVL -20090427ACP |
| 03 | KVNV-DR | MIDDLETOWN TOWNSHIP NJ | 1.6 | APP | BPRM -20090615AGA |
| 03 | WBQM-LP | BROOKLYN NY | 0.0 | LIC | BLTVL -20080612AAB |
| 03 | WBQM-LP | BROOKLYN NY | 0.0 | APP | BSTA -20080102AAE |
| 03 | WFPA-CA | PHILADELPHIA PA | 133.3 | APP | BDISDVA -20090630AAI |

Total scenarios = 5

Result key: 19
Scenario 1 Affected station 10 NEW
Before Analysis

Results for: 2A NY NEW YORK BSFDTL 20200910ACG APP
HAAT 261.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 14424864 | 6624.3 |
| not affected by terrain losses | 14424864 | 6624.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13983777 | 6287.5 |
| lost to ATV IX only | 13983777 | 6287.5 |
| lost to all IX | 13983777 | 6287.5 |

Potential Interfering Stations Included in above Scenario 1

2A NY NEW YORK BMPDVL 20090430ABQ CP

Result key: 20
Scenario 2 Affected station 10 NEW
Before Analysis

Results for: 2A NY NEW YORK BSFDTL 20200910ACG APP
HAAT 261.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 14424864 | 6624.3 |
| not affected by terrain losses | 14424864 | 6624.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13983777 | 6288.5 |
| lost to ATV IX only | 13983777 | 6288.5 |
| lost to all IX | 13983777 | 6288.5 |

Potential Interfering Stations Included in above Scenario 2

2A DE WILMINGTON BPRM 20090615AGB APP
2A NY NEW YORK BMPDVL 20090430ABQ CP
3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

Result key: 21
Scenario 3 Affected station 10 NEW
Before Analysis

Results for: 2A NY NEW YORK BSFDTL 20200910ACG APP
HAAT 261.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 14424864 | 6624.3 |
| not affected by terrain losses | 14424864 | 6624.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13983777 | 6288.5 |
| lost to ATV IX only | 13983777 | 6288.5 |
| lost to all IX | 13983777 | 6288.5 |

Potential Interfering Stations Included in above Scenario 3

2A DE WILMINGTON BPRM 20090615AGB APP

2A NY NEW YORK BMPDVL 20090430ABQ CP

Result key: 22
Scenario 4 Affected station 10 NEW
Before Analysis

Results for: 2A NY NEW YORK BSFDTL 20200910ACG APP
HAAT 261.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 14424864 | 6624.3 |
| not affected by terrain losses | 14424864 | 6624.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13983777 | 6288.5 |
| lost to ATV IX only | 13983777 | 6288.5 |
| lost to all IX | 13983777 | 6288.5 |

Potential Interfering Stations Included in above Scenario 4

2A NY NEW YORK BMPDVL 20090430ABQ CP
3A NJ MIDDLETOWN TOWNSHIP BPRM 20090615AGA APP

Result key: 23
Scenario 5 Affected station 10 NEW
Before Analysis

Results for: 2A NY NEW YORK BSFDTL 20200910ACG APP
HAAT 261.0 m, ATV ERP 0.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 14424864 | 6624.3 |
| not affected by terrain losses | 14424864 | 6624.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 13983777 | 6287.5 |
| lost to ATV IX only | 13983777 | 6287.5 |
| lost to all IX | 13983777 | 6287.5 |

Potential Interfering Stations Included in above Scenario 5

2A NY NEW YORK BMPDVL 20090430ABQ CP

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