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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

Accepted / Filed

JUL 18 2019

Federal Communications Commission
Office of the Secretary

In the Application of:

LOCAL MEDIA TV NEW YORK, LLC

Displacement Application for WNMF-LD,
Roseland, New Jersey; Facility ID No. 74513

LMS File No. 0000072006

AU Docket No. 19-61

GU Docket No. 12-268

MB Docket No. 16-306

**PETITION FOR RECONSIDERATION AND
REQUEST TO RESCIND THE HIJACKING OF AUCTION 104, MX GROUP 51**

TVC NY License LLC ("TVC"), by its attorneys, hereby submits this Petition for Reconsideration ("Petition") of the above-captioned grant of a construction permit¹ to Local Media TV New York, LLC ("Local Media") for WNMF-LD, Roseland, New Jersey ("WNMF") because that grant is in clear violation of Section 74.793(h) of the Commission's rules, as it authorizes severe impermissible interference to the pending displacement application for WNYN-LD, New York, New York ("WNYN") or one other low power television ("LPTV") displacement application, all of which were on file many months before the WNMF displacement application. The result of the WNMF grant is to allow the owners of WNMF to hijack one of the FCC's Auction 104 mutually exclusive groups: MX Group 51 (the "Group"). This Petition is supported by the attached statement of John E. Hidle, P.E., of Carl T. Jones Corporation ("Engineering Statement").

TVC is aggrieved by the grant of the WNMF construction permit because it is the licensee of WNYN. TVC's displacement application for WNYN is part of a group of four applications, among three applicants, currently before the Commission in Auction 104, MX

¹ Per FCC records, the Permit appeared as granted in the June 19 paper version of the FCC Daily Digest, so this Petition is timely filed. See Public Notice, Broadcast Actions, Report No. 49511 (June 19, 2019).

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Group 51. The applicant of two of the other three applications in MX Group 51, Venture Technologies Group, LLC (“VTG”), is commonly owned with Local Media, the owner of WNMF (as admitted by Local Media in the captioned WNMF application).² As demonstrated in the Engineering Statement, if TVC or the applicant³ other than the owners of WNMF is the successful auction bidder in MX Group 51, viable television service under the auctioned permit would be foreclosed by the permitted WNMF operation and the fundamental purpose of the Commission’s system of auction would be circumvented.

TVC’s displacement application for WNYN was filed on March 5, 2018 (LMS File No. 0000048135) and later placed in the LPTV displacement filing window by the Commission, which commenced on April 10, 2018 and closed June 1, 2018.⁴ The Local Media displacement application for WNMF was filed on April 18, 2019, more than a year after TVC filed its displacement application and the displacement filing window opened, and more than nine months after the filing window closed. Obviously, the Commission’s rules required Local Media to protect any mutually exclusive LPTV applications already on file, including the WNYN and WYXN displacement applications, which had been pending for many months before Local Media filed its application.

The Engineering Statement shows that Local Media/VTG failed to properly protect the WNYN application through the captioned WNMF application in light of the pending auction. As Local Media/VTG well knows from having two applications in MX Group 51, only one of

² FCC records show that the same two persons own Local Media and VTG.

³ New York Spectrum Holding Company, LCC (“New York Spectrum”) has a displacement application in MX Group 51 for WYXN-LD (“WYXN”). LMS File No. 0000054668.

⁴ *Public Notice*, 33 FCC Rcd 3794 (IATF/MB 2018).

the mutually exclusive applications involved in the Group will win the upcoming auction. However, that reality is not reflected in the recently granted WNMF application, as further described in the Engineering Statement. Accordingly, the Engineering Statement has analyzed the interference that is projected to result from the recent WNMF grant when only one of the four mutually exclusive applications in MX Group 51, which will be the result of the upcoming auction, is included in the study.

The result of this analysis necessitates rescission of the underlying grant of the WNMF application. Per the Engineering Statement, the recently permitted WNMF operation would cause interference to 3.77% of the potential population to be served under the WNYN application. Similarly, and more significantly, the WNYN operation would cause interference to 3.39% of the population potentially served by WNMF. Although both levels of interference are far in excess of what the Commission's rules permit, *see* 47 C.F.R. §74.793(h), it is this 3.39% caused interference to WNMF-LD which renders the long-pending WNYN-LD application worthless in the auction, as, absent a waiver, it will not be able to be built consistent with FCC rules and its long-pending parameters even if TVC wins the auction.

The Engineering Statement likewise demonstrates that the WNMF would destroy the service proposed in the pending application for WYXN because the WNMF operation would cause interference to 7.7% of the potential population to be served by it and, stunningly, the proposed operation of WYXN would cause interference to more than 90% of the potential population to be served by WNMF. Again, it is this 90% caused interference to WNMF-LD which renders the WYXN-LD application worthless in the Auction. The Engineering Statement based these conclusions on valid application *tvstudy*, which is the industry standard software that Local Media/VTG purported to have used in the WNMF application.

The Commission simply cannot let the WNMF construction permit grant stand. If not rescinded, that grant hijacks MX Group 51, allowing only Local Media/VTG to use the Channel 30 and 31 spectrum to be auctioned. If TVC and/or New York Spectrum win the auction, Local Media/VTG would block both other applicants from being able to provide a viable television service because of the WNMF grant. The Commission's auction processes would be perverted and innocent bidders irrevocably harmed through abuse of the FCC's processes.⁵

Indeed, TVC requests that the Commission inquire of Local Media and VTG why they failed to disclose the obvious interference that the WNMF application, if granted, would cause to WNYN and WYXN. As the WNMF application states, Local Media/VTG "accepted" the interference that a grant would cause to their two applications in MX Group 51. But Local Media/VTG failed to even mention that the VTG applications "accepting" the WNMF interference were locked into mutually exclusive applications with WNYN and WYXN for the same spectrum in the auction proceeding. It is virtually impossible to believe that Local Media/VTG overlooked the WNYN and WYXN applications for which the Commission has been providing VTG settlement opportunities due to their mutually exclusive status. The failure to note the substantial interference in the recent WNMF application not only denied both TVC and New York Spectrum an appropriate opportunity to participate in the permit process, but also denied the FCC essential information during its initial review of the underlying WNMF application. Thus, the Commission should investigate that lack of candor in the WNMF

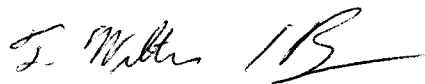
⁵ In addition to the many issues with the recently granted captioned application, Local Media appears to have taken a similar approach with a further modification application that was just filed for WNMF on July 15, 2019. *See* LMS File No. 0000078092 (the "July 2019 Application"). Although this July 2019 application is not the focus of this Petition, the approach taken in the July 2019 Application, as noted in the Engineering Statement, again underscores how Local Media/VTG is seeking to undermine the Commission's auction procedures.

application in failing to disclose the impermissible interference that the WNMF application would cause to WNYN and WYXN.

In order to permit TVC and New York Spectrum to have an opportunity to participate in the auction of spectrum under MX Group 51, and to defend the integrity of the FCC's processes for Auction 104, the Commission must rescind the WNMF construction permit grant immediately, in advance of the bidding in Auction 104, which is currently scheduled to commence on September 10, 2019. Failure to reconsider and rescind the WNMF grant would be contrary to the public interest, as stated expressly in 47 C.F.R. §1.106(c).

Respectfully submitted,

TVC NY License LLC



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July 18, 2019

Its Attorneys



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF A PETITION FOR RECONSIDERATION
OF THE GRANT OF CONSTRUCTION PERMIT
FILE # 0000072006 FOR
WNMF-LD - ROSELAND, NEW JERSEY
LPDTV - CH. 30 - 0.020 kW - 232 m AMSL**

Prepared for: TVC NY LICENSE LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, No. 7418, and in New York State, No. 63418.

GENERAL

This office has been authorized by TVC NY LICENSE LLC, licensee of WNYN-LD, channel 39, facility ID number 74305, licensed to New York City, New York, file number 0000010660, and an applicant for a displacement facility on channel 30, file number 0000048135, to prepare this statement in support of a Petition for Reconsideration of the grant of the construction permit, file number 0000072006, for WNMF-LD, for reasons as set forth herein.

TVC NY LICENSE LLC, as noted above, has a pending displacement application which was deemed mutually exclusive with three other applications. Ultimately the four applications were placed in MX Group 51 to be auctioned. FCC Public Notice DA 19-477, issued on June 6, 2019, "AUCTION OF CONSTRUCTION PERMITS FOR LOW POWER TELEVISION AND TV TRANSLATOR STATIONS SCHEDULED FOR SEPTEMBER 10, 2019", Auction 104, in Attachment A sets forth five mutually exclusive groups for auction.

This narrative will explore and compare the potential standings in auction 104. The four pending applications in MX group 51 which are slated to be participants in the upcoming auction 104 are: TVC NY LICENSE LLC which has a pending application for WNYN-LD, file no.0000048135 for a facility on channel 30; NEW YORK SPECTRUM HOLDINGS COMPANY, LLC which has a pending application for WYXN-LD, file no. 0000054668 also for channel 30; VENTURE TECHNOLOGIES GROUP, LLC which has two pending applications, one for W34DI-D, file no. 0000054804 on channel 31 and another for WNJJ-LD, file no. 0000054813 on channel 30.

All four of these applications were declared mutually exclusive, placed in MX Group 51 and provided a "settlement period" during which to resolve exclusivity. No resolution was forthcoming and the four applications were placed in auction 104.

While awaiting the start of the auction it is noted that an application was submitted by LOCAL MEDIA TV NEW YORK, LLC on April 18, 2019 seeking a displacement facility for WNMF-LD, channel 17, Morristown, NJ to channel 30, Roseland, NJ. This application was granted, and a construction permit issued, on June 14, 2019. The applicant states that the proposed facility is predicted to cause interference to three commonly owned applications, two of which are included in MX Group 51, W34DI-D and WNJJ-LD. The third is a pending displacement application for W31EF-D, file no. 0000054807, from channel 31, NYC, NY to channel 29. The applicant stated, "Such interference is hereby accepted in view of the common ownership between Venture Technologies Group, LLC and Local Media TV New York, LLC."

A serious question arises from this situation. What about interference to the other two applications in MX Group 51? Is it really ethical for an applicant to "accept" interference to two of its applications that are in a MX group headed for auction? And even more questionable is potential interference to the other applications in the auction MX group.

To explore what effect, detrimental or otherwise, the grant of this construction permit might have on the upcoming auction we assumed in turn that each of the four applications had won the auction. Predicted interference results using *tvstudy* were examined assuming the other three applications were dismissed post-auction. Assuming that the WNYN-LD application were to win the auction it was revealed by use of *tvstudy*, in a run that excluded the other three MX applications, that WNYN-LD would instantly receive interference to 3.77% of its potential population from WNMF-LD's construction permit on channel 30. Even more disturbing WNYN-LD upon winning the auction would instantly cause interference to 3.39% of WNMF-LD's potential population, which exceeds the permitted interference percentage and would render the auction winning WNYN-LD application unacceptable. It has been determined that the WNYN-LD application could not be amended in any reasonable manner that would result in a viable facility. Therefore the WNYN-LD application in the auction has become worthless as a result of the WNMF-LD construction permit.

Likewise for WYXN-LD's application, assuming it had won the auction, it was revealed by the results of a *tvstudy* run, that excluded the other three MX applications, WYXN-LD would instantly receive interference to 7.7% of its potential population from

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TVC NY LICENSE LLC

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WNMF-LD's construction permit on channel 30. Then even more detrimental to the WYXN-LD application it would instantly cause interference to 90.09% of WNMF-LD's population. There is no technical solution readily available, or even possible, to such an extreme interference situation, and therefore the WYXN-LD application is also rendered worthless in the auction.

Assuming that WNJJ-LD would win the auction, it was discovered that instantly WNJJ-LD would receive interference to 9.56% of its population, and conversely instantly cause interference to 92.62% of WNMF-LD's authorized population. There is no possible method by which such a level of interference could be alleviated. Effectively the WNJJ-LD application in the auction is rendered worthless by the grant of the WNMF-LD construction permit, except the applicant for WNJJ-LD is commonly owned by the permittee of WNMF-LD's construction permit, for an ERP of 20 WATTS.

Since the applicant for the WNMF-LD construction permit did not mention in its application any interference that WNMF-LD might receive, how could the applicant miss predicted received interference levels in excess of 90%, from two other applicants in MX Group 51? And miss the disqualifying interference that would be caused to WNMF-LD's construction permit individually by the other MX Group 51 applicants?

We have used *tvstudy*, in a legitimate manner, to answer these serious questions. We ran *tvstudy* and allowed only one of the four MX Group 51 application per study run. As a result the original application for displacement of WNMF-LD to channel 30 is in error regarding caused interference to other applicants and facilities. The other three MX Group

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TVC NY LICENSE LLC
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51 applications act to "mask" serious levels of interference which would otherwise be caused by WNMF-LD's displacement application for construction permit on channel 30. We have included as attachments several relevant *tvstudy* runs that reveal these excessive levels of caused, and received, interference.

TVC NY LICENSE LLC therefore contends that Auction 104 has been detrimentally affected, effectively rendered worthless, by the grant of the WNMF-LD construction permit, file no. 0000072006, for Roseland, NJ, which appears to have been granted primarily because of unrevealed predicted caused and received interference to and from pending applications in Auction 104 MX Group 51. These pending applications are rendered worthless specifically because of the individual predicted interference which would be caused to WNMF-LD's authorized facility. None of the applications in MX Group 51 would be able, upon winning the auction, to overcome the predicted interference to WNMF-LD. In other words, worthless. For sake of the auction's integrity the petitioner contends that the WNMF-LD construction permit grant must be rescinded, and the application held in abeyance until after the resolution of Auction 104.

The permittee of WNMF-LD has now filed an application, file no. 0000078092, to modify the 20 Watt construction permit, file no. 0000072006, to increase its ERP to 15,000 Watts. It is interesting to note that the application for modification of WNMF-LD's construction permit is an exact technical match of the permittee's commonly owned WNJJ-LD's pending application, file no. 0000054813, in MX Group 51. In other words, if the WNMF-LD application for modification of its 20 Watt construction permit were to be

granted the permittee would have obtained the exact facility for WNMF-LD that the WNJJ-LD application seeks in the auction, without even bothering to participate in the auction at all, leaving the other two MX Group 51 applicants holding an empty bag. Any questions for the WNMF-LD permittee?

SUMMARY

The results of this investigation show, according to the included Exhibits, that the original displacement application for WNMF-LD to channel 30 should never have been granted. The application was obviously tailored to squeeze in by using interference masking in the process. The applicant (now permittee) erroneously benefitted from interference masking by leaving all four MX Group 51 applications in the interference study, thus resulting in a seriously flawed study. Studies done using *tvstudy* correctly show unequivocally that the construction permit should never have been granted at all, and should immediately be rescinded. By such an action the FCC can restore the worth of Auction 104, MX Group 51, and permit the four applicants a fair and honest chance to compete for the facility they seek.

DATED: July 18, 2019

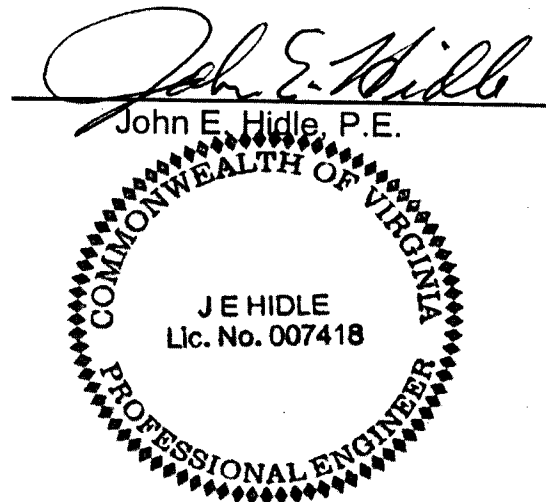


TABLE OF EXHIBITS

Exhibit 1 - This is the study of the displacement application, file # 0000072006, that obtained the 0.02 kW CP for WNMF-LD. It includes all FOUR of the MX Group 51 applications, which effectively serve as a group to mask serious interference which is predicted to be caused to and received from those applications considered individually. Only one application can win at auction.

Exhibit 2 - This is the study of the displacement application, file # 0000072006, that obtained the 0.02 kW CP for WNMF-LD. It includes only one application from the MX Group 51 applications, since only one application can win at auction, and assumes WNYN-LD, file # 0000048135, wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WNMF-LD to WNYN-LD.

Exhibit 3 - This is the study of WNYN-LD's displacement application, file # 0000048135, the only application from the MX Group 51, since only one application can win at auction, and assumes WNYN-LD wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WNYN-LD to WNMF-LD's construction permit, file # 0000072006, and to WNMF-LD's application for modification of that construction permit, file # 0000078092. The predicted interference to 3.39% of WNMF-LD's construction permit is fatal to WNYN-LD's auction application. It can not be amended in any manner to remove that predicted interference. Therefore, WNYN-LD's auction application becomes worthless as a result of the WNMF-LD construction permit. Notably, WNYN-LD's auction application is predicted to cause interference to 29.19% of the population which would be served by WNMF-LD's pending application for modification of its construction permit, and receive interference from WNMF-LD to 59.59% of WNYN-LD's potential population.

Exhibit 4 - This is the study of the displacement application, file # 0000072006, that obtained the 0.02 kW CP for WNMF-LD. It includes only one application from the MX Group 51 applications, since only one application can win at auction, and assumes WYXN-LD, file # 0000054668, wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WNMF-LD to WYXN-LD. As shown herein the predicted interference from WNMF-LD to WYXN-LD's auction application is less than 2.0% that is not the issue. This study predicts that the WYXN-LD application will cause interference to 75.12% of WNMF-LD's construction permit population. This is fatal to WYXN-LD's auction application, and therefore renders it worthless.

Exhibit 5 - This is the study of WYXN-LD's displacement application, file # 0000054668, the only application included from the MX Group 51, since only one application can win at auction, and assumes WYXN-LD wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WYXN-LD to WNMF-LD's construction permit, file # 0000072006, and to WNMF-LD's application for modification of that construction permit, file # 0000078092. The predicted interference to 90.09% of WNMF-LD's construction permit is fatal to WNYN-LD's auction application. It can not be amended in any manner to remove that predicted interference. Therefore, WYXN-LD's auction application becomes worthless as a direct result of the WNMF-LD construction permit.

(Comments and highlights in RED are meant for clarification and in no way affect the substance of the studies in the Exhibits)

EXHIBIT 1

This is the study of the displacement application, file # 0000072006, that obtained the 0.02 kW CP for WNMF-LD. It includes all FOUR of the MX Group 51 applications, which effectively serve as a group to mask serious interference which is predicted to be caused to and received from those applications considered individually. Only one application can win at auction.

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WNMF-LD CP 30 BLNK72006 exc WPXN, Model: Longley-Rice

Start: 2019.07.10 10:18:40

Study created: 2019.07.10 10:18:40

Study build station data: LMS TV 2019-07-10

Proposal: WNMF-LD D30 LD CP ROSELAND, NJ
File number: BLANK0000072006
Facility ID: 74513
Station data: LMS TV 2019-07-10
Record ID: 25076f916a1778a5016a2292db8208b7
Country: U.S.

Build options:
Protect baseline records from LPTV

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Individual records excluded:
0000037694 WPXN-TV D31 DT LIC NEW YORK, NY BLANK0000037694

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	73.1 km
No	WTXX-LD	D29	LD	CP	SPRINGFIELD, MA	BLANK0000053148	165.5
No	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	122.3
No	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
No	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	52.5
No	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
No	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	24.3
No	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	113.3
No	WRGB	D29	LD	CP	SCHENECTADY, NY	BLANK0000054897	131.6
No	WKTU	D29	DT	LIC	UTICA, NY	BLCDDT20060630ACL	263.4
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	141.6
No	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	117.7
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDDT20090223ABU	244.7
No	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	244.7
Yes	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
No	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	316.7
No	WCRN-LD	D30+	LD	CP	BOSTON, MA	BLANK0000071754	290.9
No	W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS	291.3
Yes	WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	0.0
No	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	279.1
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	103.5
Yes	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7
Yes	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8
No	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	374.4
No	WAWW-LP	D30-	LD	APP	ROCHESTER, NY	BLANK0000054618	379.1
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDDT20040217ADC	272.8
No	WPCW	D30	LD	CP	JEANNETTE, PA	BLANK0000053374	417.5
No	WPCW	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153	417.5

No	W43CO-D	D30	LD	CP	KINGSTON, PA	BLANK0000054197	148.9
Yes	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	117.7
No	WDCO-CD	D30	DC	BL	WOODSTOCK, VA	DTVBL57905	362.9
No	W30DM-D	D30	LD	LIC	MANCHESTER, ETC., VT	BLDTT20111118ARB	280.5
No	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	156.3
No	W31EF-D	D31+	LD	LIC	West Orange, NJ	BLANK0000049440	0.0
No	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	199.7
No	W31BP	D31+	LD	CP	BURLINGTON, ETC., NY	BLANK0000054409	226.5
No	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	24.6
No	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	117.6
No	W32EI-D	N32-	TX	LIC	West Orange, NJ	BLTTL20121024AAB	73.1
No	W34DI-D	N34+	TX	LIC	NEW YORK, NY	BLTTL20070223AHK	73.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Full Service
Latitude: 40 47 18.00 N (NAD83)
Longitude: 74 15 18.00 W
Height AMSL: 232.0 m
HAAT: 0.0 m
Peak ERP: 0.020 kW
Antenna: JAM-JUHD-4/2(8) (ID 33869) 0.0 deg
Elev Pattnr: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.018 kW	122.7 m	12.8 km
45.0	0.018	176.4	15.1
90.0	0.015	210.8	15.8
135.0	0.000	207.4	7.2
180.0	0.000	192.9	5.0
225.0	0.000	104.4	3.8
270.0	0.000	152.8	4.5
315.0	0.009	161.0	12.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 166 m

Distance to Canadian border: 378.9 km

Distance to Mexican border: 2657.6 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 231.3 degrees Distance: 283.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 278.7 degrees Distance: 2606.0 km

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Interference to BLANK0000034543 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	156.5 km

WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	274.1
WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	0.3
WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
32651.3	5,339,771	28861.9	4,758,563	28085.5	4,559,738	28085.5	4,559,738	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
WNMF-LD D30 LD CP	3.0	237			0.0	0
WNEU D29 DT CP	85.8	27,582	84.8	27,510	84.8	27,510
WLNY-TV D29 DT CP	253.6	80,311	137.5	34,914	137.5	34,914
WUTR D30 DT LIC	17.2	279	15.2	133	15.2	133
KYW-TV D30 DT CP	367.1	89,306	250.9	41,873	247.9	41,636
WVIT D31 DT CP	182.9	52,408	158.9	46,083	158.9	46,083
WNCE-CD D31 DC LIC	2.0	14	2.0	14	2.0	14

Interference to BLANK0000054813 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	0.0 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	24.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4207.3	12,291,253	3873.5	12,076,714	1013.0	1,802,504	1013.0	1,802,504	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
WNMF-LD D30 LD CP	21.0	45,536			0.0	0
W31EF-D D29+ LD APP	6.0	4,833	0.0	0	0.0	0
WEDH D30 DT CP	12.9	23,997	0.0	0	0.0	0
WYXN-LD D30 LD APP	2772.8	10,045,020	1804.8	5,723,308	1799.8	5,703,686
WNYN-LD D30 LD APP	878.3	4,330,563	27.9	135,264	27.9	135,264
KYW-TV D30 DT CP	447.3	1,133,366	35.0	58,582	33.9	58,582
W34DI-D D31+ LD APP	69.7	453,342	0.0	0	0.0	0

These three applications shown in RED are the other three applications in MX Group 51 - They are here to provide masking for WNMF-LD's application

Interference to BLANK0000054813 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	0.0 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	24.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4207.3	12,291,253	3873.5	12,076,714	1013.0	1,802,504	1013.0	1,802,504	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
WNMF-LD D30 LD CP	21.0	45,536			0.0	0
WEDH D30 DT CP	12.9	23,997	0.0	0	0.0	0
WYXN-LD D30 LD APP	2772.8	10,045,020	1804.8	5,723,308	1799.8	5,703,686

WNYN-LD D30 LD APP	878.3	4,330,563	27.9	135,264	27.9	135,264
KYW-TV D30 DT CP	447.3	1,133,366	35.0	58,582	33.9	58,582
W34DI-D D31+ LD APP	69.7	453,342	0.0	0	0.0	0

Interference to BLANK0000054668 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
	WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	1.7
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	24.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4418.0 11,952,448	4030.7 11,797,665	996.2 1,465,541	996.2 1,465,541	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	124.9 255,545	0.0 0	0.0 0
W31EF-D D29+ LD APP	9.0 3,942	0.0 0	0.0 0
WEDH D30 DT CP	15.0 18,274	0.0 0	0.0 0
WNJJ-LD D30 LD APP	2964.7 10,135,653	1984.0 6,363,689	1937.0 6,236,438
WNYN-LD D30 LD APP	878.1 3,793,626	24.9 127,512	24.9 127,512
KYW-TV D30 DT CP	402.3 741,804	23.0 8,804	22.0 8,772
W34DI-D D31+ LD APP	62.7 343,519	0.0 0	0.0 0

These three applications shown in RED are the other three applications in MX Group 51 - They are here to provide masking for WNMF-LD's application

Interference to BLANK0000054668 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
	WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	1.7
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	24.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4418.0 11,952,448	4030.7 11,797,665	996.2 1,465,541	996.2 1,465,541	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	124.9 255,545	0.0 0	0.0 0
WEDH D30 DT CP	15.0 18,274	0.0 0	0.0 0
WNJJ-LD D30 LD APP	2964.7 10,135,653	1985.0 6,365,144	1937.0 6,236,438
WNYN-LD D30 LD APP	878.1 3,793,626	24.9 127,512	24.9 127,512
KYW-TV D30 DT CP	402.3 741,804	23.0 8,804	22.0 8,772
W34DI-D D31+ LD APP	62.7 343,519	0.0 0	0.0 0

These three applications shown in RED are the other three applications in MX Group 51 - They are here to provide masking for WNMF-LD's application

Interference to BLANK0000048135 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	24.8 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3

W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	1.7
WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	24.8
WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	24.3
KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1
W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	1.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1134.9 8,341,122	1131.9 8,340,695	92.3 1,099,007	92.3 1,099,007	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	59.6 261,641		0.0 0
W31EF-D D29+ LD APP	84.4 557,879	0.0 0	0.0 0
WEDH D30 DT CP	2.0 950	0.0 0	0.0 0
WNJJ-LD D30 LD APP	987.9 6,816,057	21.9 134,338	21.9 134,338
WYXN-LD D30 LD APP	994.9 7,007,451	28.8 280,032	28.8 280,032
KYW-TV D30 DT CP	158.9 973,155	1.0 1,127	1.0 1,127
W34DI-D D31+ LD APP	161.0 1,197,600	7.0 37,959	7.0 37,959

Interference to BLANK0000048135 APP scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	
Undesireds: WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	24.8 km
W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3
WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	24.8
WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	24.3
KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1
W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	1.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1134.9 8,341,122	1131.9 8,340,695	92.3 1,099,007	92.3 1,099,007	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	59.6 261,641		0.0 0
WEDH D30 DT CP	2.0 950	0.0 0	0.0 0
WNJJ-LD D30 LD APP	987.9 6,816,057	21.9 134,338	21.9 134,338
WYXN-LD D30 LD APP	994.9 7,007,451	28.8 280,032	28.8 280,032
KYW-TV D30 DT CP	158.9 973,155	1.0 1,127	1.0 1,127
W34DI-D D31+ LD APP	161.0 1,197,600	10.9 39,218	10.9 39,218

Interference to BLANK0000033618 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds: WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	117.7 km
WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	274.1
WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34688.6 11,224,140	33456.4 11,029,286	33294.2 10,989,711	33277.2 10,972,617	0.05 0.16

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	27.9 29,362		16.9 17,094
WEDH D30 DT CP	18.9 14,501	14.0 13,563	7.0 2,455
WIAV-CD D30 DC CP	119.4 20,766	73.9 11,077	72.9 10,826
WMPT D31 DT BL	52.4 11,440	11.9 2,689	11.9 2,689
WTFX-TV D31 DT CP	16.9 2,557	16.9 2,557	16.9 2,557

Interference to proposal scenario 1

**MX: 93.85% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5 km
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	WNJJ-LD	D30	LD	APP	PATERSON, NJ	BLANK0000054813	0.0
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7

Service area	Terrain-limited	IX-free	Percent IX
362.3 832,821	328.6 812,956	30.8 50,018	90.64 93.85

Undesired	Total IX	Unique IX	Prcnt Unique IX
WEDH D30 DT CP	2.0 1,636	0.0 0	0.00 0.00
WNJJ-LD D30 LD APP	297.8 762,938	10.9 17,141	3.32 2.11
WYXN-LD D30 LD APP	284.9 743,972	0.0 0	0.00 0.00
WNYN-LD D30 LD APP	13.9 39,358	0.0 0	0.00 0.00
KYW-TV D30 DT CP	58.6 133,960	0.0 0	0.00 0.00

EXHIBIT 2

This is the study of the displacement application, file # 0000072006, that obtained the 0.02 kW CP for WNMF-LD. It includes only one application from the MX Group 51 applications, since only one application can win at auction, and assumes WNYN-LD, file # 0000048135, wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WNMF-LD to WNYN-LD.

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WNMF-LD 30 CP exc Grp51 and PXN, Model: Longley-Rice
Start: 2019.07.10 11:13:28

Study created: 2019.07.10 11:13:28

Study build station data: LMS TV 2019-07-10

Proposal: WNMF-LD D30 LD CP ROSELAND, NJ
File number: BLANK0000072006
Facility ID: 74513
Station data: LMS TV 2019-07-10
Record ID: 25076f916a1778a5016a2292db8208b7
Country: U.S.

Build options:
Protect baseline records from LPTV

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Individual records excluded:

0000037694 WPXN-TV D31 DT LIC NEW YORK, NY BLANK0000037694 - Transition away Phase 4 - 6/2/19
0000054668 WYXN-LD D30 LD APP *P NEW YORK, NY BLANK0000054668 - MX Group 51
0000054804 W34DI-D D31+ LD APP *P NEW YORK, NY BLANK0000054804 - MX Group 51
0000054813 WNJU-LD D30 LD APP *P PATERSON, NJ BLANK0000054813 - MX Group 51

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTTL20070223AHI	73.1 km
No	WTTX-LD	D29	LD	CP	SPRINGFIELD, MA	BLANK0000053148	165.5
No	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	122.3
No	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
No	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	52.5
No	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
No	WPXU-LD	D29	LD	APP	New York city, NY	BLANK0000051706	24.3
No	WLNK-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	113.3
No	WRGB	D29	LD	CP	SCHENECTADY, NY	BLANK0000054897	131.6
No	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	263.4
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	141.6
No	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	117.7
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	244.7
No	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	244.7
Yes	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
No	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	316.7
No	WCRN-LD	D30+	LD	CP	BOSTON, MA	BLANK0000071754	290.9
No	W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS	291.3
No	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	279.1
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	103.5
Yes	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8
No	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	374.4
No	WAWW-LP	D30-	LD	APP	ROCHESTER, NY	BLANK0000054618	379.1
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	272.8
No	WPCW	D30	LD	CP	JEANNETTE, PA	BLANK0000053374	417.5

No	WPCW	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153	417.5
No	W43CO-D	D30	LD	CP	KINGSTON, PA	BLANK0000054197	148.9
Yes	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	117.7
No	WDCO-CD	D30	DC	BL	WOODSTOCK, VA	DTVBL57905	362.9
No	W30DM-D	D30	LD	LIC	MANCHESTER, ETC., VT	BLDTT20111118ARB	280.5
No	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	156.3
No	W31EF-D	D31+	LD	LIC	West Orange, NJ	BLANK0000049440	0.0
No	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	199.7
No	W31BP	D31+	LD	CP	BURLINGTON, ETC., NY	BLANK0000054409	226.5
No	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	117.6
No	W32EI-D	N32-	TX	LIC	West Orange, NJ	BLTTL20121024AAB	73.1
No	W34DI-D	N34+	TX	LIC	NEW YORK, NY	BLTTL20070223AHK	73.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Full Service
Latitude: 40 47 18.00 N (NAD83)
Longitude: 74 15 18.00 W
Height AMSL: 232.0 m
HAAT: 0.0 m
Peak ERP: 0.020 kW
Antenna: JAM-JUHD-4/2(8) (ID 33869) 0.0 deg
Elev Pattn: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.018 kW	122.7 m	12.8 km
45.0	0.018	176.4	15.1
90.0	0.015	210.8	15.8
135.0	0.000	207.4	7.2
180.0	0.000	192.9	5.0
225.0	0.000	104.4	3.8
270.0	0.000	152.8	4.5
315.0	0.009	161.0	12.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 166 m

Distance to Canadian border: 378.9 km

Distance to Mexican border: 2657.6 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 231.3 degrees Distance: 283.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 278.7 degrees Distance: 2606.0 km

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Interference to BLANK0000034543 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	

Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	156.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WUTR	D30	DT	LIC	UTICA, NY	BLCDDT20040217ADC	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX	32651.3	5,339,771	28861.9	4,758,563	28085.5	4,559,738	28085.5	4,559,738
	0.00							0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	3.0	237		0.0
WNEU D29 DT CP	85.8	27,582	84.8	27,510
WLNY-TV D29 DT CP	253.6	80,311	137.5	34,914
WUTR D30 DT LIC	17.2	279	15.2	133
KYW-TV D30 DT CP	367.1	89,306	250.9	41,873
WVIT D31 DT CP	182.9	52,408	158.9	46,083
WNCE-CD D31 DC LIC	2.0	14	2.0	14

Interference to BLANK0000048135 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	24.8 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	1.7
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX	1134.9	8,341,122	1131.9	8,340,695	905.5	6,950,414	904.5	6,944,613
	0.08							0.11

Undesired		Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	59.6	261,641		1.0
W31EF-D D29+ LD APP	84.4	557,879	67.5	417,126
WEDH D30 DT CP	2.0	950	0.0	0
KYW-TV D30 DT CP	158.9	973,155	140.0	831,452

Interference to BLANK0000048135 APP scenario 2

**MX: 2.02% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	24.8 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX	1134.9	8,341,122	1131.9	8,340,695	973.0	7,367,540	929.3	7,218,846
	2.02							4.49

Undesired		Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	59.6	261,641		43.7
WEDH D30 DT CP	2.0	950	0.0	0
KYW-TV D30 DT CP	158.9	973,155	156.9	972,205

Interference to BLANK0000033618 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	117.7 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

IX	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
34688.6	11,224,140	33456.4	11,029,286	33294.2 10,989,711	33277.2 10,972,617
0.16					0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	27.9 29,362	16.9 17,094	
WEDH D30 DT CP	18.9 14,501	7.0 2,455	
WIAV-CD D30 DC CP	119.4 20,766	72.9 10,826	
WMPT D31 DT BL	52.4 11,440	11.9 2,689	
WTFX-TV D31 DT CP	16.9 2,557	16.9 2,557	

Interference to proposal scenario 1

**MX: 19.44% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5 km
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7

Service area	Terrain-limited	IX-free	Percent IX
362.3 832,821	328.6 812,956	260.1 654,926	20.85 19.44

Undesired	Total IX	Unique IX	Prcnt Unique IX
WEDH D30 DT CP	2.0 1,636	0.0 0	0.00 0.00
WNYN-LD D30 LD APP	13.9 39,358	8.9 22,957	2.72 2.82
KYW-TV D30 DT CP	58.6 133,960	53.6 118,149	16.31 14.53

EXHIBIT 3

This is the study of WNYN-LD's displacement application, file # 0000048135, the only application from the MX Group 51, since only one application can win at auction, and assumes WNYN-LD wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WNYN-LD to WNMF-LD's construction permit, file # 0000072006, and to WNMF-LD's application for modification of that construction permit, file # 0000078092. The predicted interference to 3.39% of WNMF-LD's construction permit is fatal to WNYN-LD's auction application. It can not be amended in any manner to remove that predicted interference. Therefore, WNYN-LD's auction application becomes worthless as a result of the WNMF-LD construction permit. Notably, WNYN-LD's auction application is predicted to cause interference to 29.19% of the population which would be served by WNMF-LD's pending application for modification of its construction permit, and receive interference from WNMF-LD to 59.59% of WNYN-LD's potential population.

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WNYN-LD App excl. WYXN-WNJJ-W31EF-WPXN, Model: Longley-Rice
Start: 2019.07.17 11:52:19

Study created: 2019.07.17 11:52:19

Study build station data: LMS TV 2019-07-16

Proposal: WNYN-LD D30 LD APP *P NEW YORK, NY
File number: BLANK0000048135
Facility ID: 74305
Station data: LMS TV 2019-07-16
Record ID: 25076f916810e1fa0168399ef2452be8
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Search options:

Non-U.S. records included
Baseline record excluded if station has CP

Individual records excluded:

0000037694 WPXN-TV D31 DT LIC NEW YORK, NY BLANK0000037694
0000054668 WYXN-LD D30 LD APP *P NEW YORK, NY BLANK0000054668
0000054807 W31EF-D D29+ LD APP *P West Orange, NJ BLANK0000054807
0000054813 WNJJ-LD D30 LD APP *P PATERSON, NJ BLANK0000054813

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	89.4 km
No	W26CE	N26-	TX	LIC	NEW YORK, NY	BLTTL20080306ABU	100.8
No	W28AJ	N28z	TX	LIC	ALLINGTOWN, CT	BLTTL20010608AAO	101.6
No	WTXX-LD	D29	LD	CP	SPRINGFIELD, MA	BLANK0000053148	150.2
No	WUTF-TV	D29	DT	LIC	WORCESTER, MA	BLANK0000001072	255.5
No	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	127.2
No	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3
No	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	77.3
No	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	0.8
Yes	WLNJ-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.2

No	WRGB	D29	LD	CP	SCHENECTADY, NY	BLANK0000054897	132.7
No	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	271.9
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	164.1
No	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	135.0
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	269.4
No	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	269.4
Yes	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
No	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	334.8
No	WCRN-LD	D30+	LD	CP	BOSTON, MA	BLANK0000071754	271.3
No	WBZ-TV	D30	DT	LIC	BOSTON, MA	BLCDT20060420ABG	284.2
No	W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS	300.4
Yes	WFUT-DT	D30	DT	LIC	NEWARK, NJ	BLANK0000037827	3.0
Yes	WFUT-DT	D30	DT	APP	NEWARK, NJ	BLANK0000077919	3.0
Yes	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	24.8
Yes	WNMF-LD	D30	LD	APP	ROSELAND, NJ	BLANK0000078092	24.8
No	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	301.2
No	WSKA	D30	DT	LIC	CORNING, NY	BLCDT20060705ABL	301.2
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	116.4
No	WAWW-LP	D30-	LD	APP	ROCHESTER, NY	BLANK0000054618	398.7
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	282.7
No	W43CO-D	D30	LD	CP	KINGSTON, PA	BLANK0000054197	172.6
Yes	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	135.0
No	W30DM-D	D30	LD	LIC	MANCHESTER, ETC., VT	BLDTT20111118ARB	275.6
No	WTIC-TV	D31	DT	LIC	HARTFORD, CT	BLCDT20101222AAE	140.5
No	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	140.2
No	WPPX-TV	D31	DT	LIC	WILMINGTON, DE	BLCDT20031203AFL	134.7
No	W31EF-D	D31+	LD	LIC	West Orange, NJ	BLANK0000049440	24.8
No	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	219.2
No	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	1.7
No	WTXF-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	134.9
No	WSWB	D31	DT	LIC	SCRANTON, PA	BLCDT20140326AAZ	165.6
No	W32EI-D	N32-	TX	LIC	West Orange, NJ	BLTTL20121024AAB	89.4
No	W34DI-D	N34+	TX	LIC	NEW YORK, NY	BLTTL20070223AHK	89.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Full Service
Latitude: 40 46 2.30 N (NAD83)
Longitude: 73 57 40.40 W
Height AMSL: 241.0 m
HAAT: 0.0 m
Peak ERP: 0.800 kW
Antenna: KAT-4DR-8-2HN (ID 1004533) 0.0 deg
Elev Pattern: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.008 kW	194.7 m	13.1 km
45.0	0.027	230.9	19.6
90.0	0.613	225.8	35.4
135.0	0.041	220.2	21.2
180.0	0.021	226.3	18.1
225.0	0.001	239.1	9.1
270.0	0.005	228.2	12.2
315.0	0.000	225.6	6.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 224 m

Distance to Canadian border: 394.7 km

Distance to Mexican border: 2677.6 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 234.8 degrees Distance: 301.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.8 degrees Distance: 2630.8 km

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

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000034023 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	89.2 km
	WHPX-TV	D28	DT	CP	NEW LONDON, CT	BLANK0000063882	89.9
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	210.0
	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	296.7
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	354.0
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	89.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
16375.8	7,386,622	16194.6	7,308,935	16019.6	7,237,299	16018.6 7,237,266	0.01 0.00
Undesired	Total IX		Unique IX, before		Unique IX, after		
WNYN-LD D30 LD APP	2.0	6,560			1.0	33	
WHPX-TV D28 DT CP	160.9	58,732	40.2	21,787	40.2	21,787	
WNEU D29 DT CP	6.0	6,868	3.0	6,545	2.0	18	
WKTV D29 DT LIC	17.1	7,151	8.1	5,933	8.1	5,933	
WEDH D30 DT CP	122.7	37,206	0.0	0	0.0	0	

Interference to BLANK0000034543 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	140.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32651.3	5,339,771	28861.9	4,758,563	28085.5	4,559,738	28080.4 4,557,681	0.02 0.05
Undesired	Total IX		Unique IX, before		Unique IX, after		
WNYN-LD D30 LD APP	54.6	26,325			5.1	2,057	
WNEU D29 DT CP	85.8	27,582	84.8	27,510	84.8	27,510	
WLNY-TV D29 DT CP	253.6	80,311	137.5	34,914	134.5	33,313	
WUTR D30 DT LIC	17.2	279	15.2	133	15.2	133	
KYW-TV D30 DT CP	367.1	89,306	250.9	41,873	237.8	38,469	
WVIT D31 DT CP	182.9	52,408	158.9	46,083	157.8	45,818	
WNCE-CD D31 DC LIC	2.0	14	2.0	14	2.0	14	

Interference to BLANK0000037827 LIC scenario 1 Station will transition away in Phase 4 - 8/2/19
**IX: 1.31% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFUT-DT	D30	DT	LIC	NEWARK, NJ	BLANK0000037827	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	3.0 km
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	331.9

WBZ-TV	D30	DT	LIC	BOSTON, MA	BLCDT20060420ABG	287.1
WTIC-TV	D31	DT	LIC	HARTFORD, CT	BLCDT20101222AAE	143.5
WPPX-TV	D31	DT	LIC	WILMINGTON, DE	BLCDT20031203AFL	131.8

Service area	25876.5	19,985,090	Terrain-limited	24193.2	19,658,000	IX-free, before	23934.6	19,600,098	IX-free, after	23891.7	19,343,252	Percent New IX	0.18	1.31
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Undesired			Total IX		Unique IX, before		Unique IX, after
WNYN-LD D30 LD APP	44.0		256,914			43.0	256,846
WIAV-CD D30 DC CP	1.0		32	0.0	0	0.0	0
WBZ-TV D30 DT LIC	141.7		47,810	138.7	45,901	137.7	45,833
WTIC-TV D31 DT LIC	3.0		1,909	0.0	0	0.0	0
WPPX-TV D31 DT LIC	116.8		10,092	115.8	10,060	115.8	10,060

Interference to BLANK0000077919 APP scenario 1

**MX: 1.31% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFUT-DT	D30	DT	APP	NEWARK, NJ	BLANK0000077919	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	3.0 km
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	331.9
	WBZ-TV	D30	DT	LIC	BOSTON, MA	BLCDT20060420ABG	287.1
	WTIC-TV	D31	DT	LIC	HARTFORD, CT	BLCDT20101222AAE	143.5
	WPPX-TV	D31	DT	LIC	WILMINGTON, DE	BLCDT20031203AFL	131.8

Service area	25876.5	19,985,090	Terrain-limited	24193.2	19,658,000	IX-free, before	23934.6	19,600,098	IX-free, after	23891.7	19,343,252	Percent New IX	0.18	1.31
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Undesired			Total IX		Unique IX, before		Unique IX, after
WNYN-LD D30 LD APP	44.0		256,914			43.0	256,846
WIAV-CD D30 DC CP	1.0		32	0.0	0	0.0	0
WBZ-TV D30 DT LIC	141.7		47,810	138.7	45,901	137.7	45,833
WTIC-TV D31 DT LIC	3.0		1,909	0.0	0	0.0	0
WPPX-TV D31 DT LIC	116.8		10,092	115.8	10,060	115.8	10,060

Interference to BLANK0000072006 CP scenario 1

**IX: 3.39% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7

Service area	362.3	832,821	Terrain-limited	328.6	812,956	IX-free, before	269.0	677,883	IX-free, after	260.1	654,926	Percent New IX	3.32	3.39
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Undesired			Total IX		Unique IX, before		Unique IX, after
WNYN-LD D30 LD APP	13.9		39,358			8.9	22,957
WEDH D30 DT CP	2.0		1,636	1.0	1,113	0.0	0
KYW-TV D30 DT CP	58.6		133,960	57.6	133,437	53.6	118,149

Interference to BLANK0000078092 APP scenario 1

**MX: 29.19% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNMF-LD	D30	LD	APP	ROSELAND, NJ	BLANK0000078092	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	24.8 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	24.6

Service area			Terrain-limited		IX-free, before		IX-free, after	Percent New IX
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4207.3 12,291,253 3873.5 12,076,714 3385.4 10,628,649 2817.8 7,525,812 16.77 29.19

Undesired		Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	878.3	4,330,563		567.6 3,102,837
WEDH D30 DT CP	12.9	23,997	1.0 0	0.0 0
KYW-TV D30 DT CP	447.3	1,133,366	408.4 970,758	169.4 188,628
W34DI-D D31+ LD APP	69.7	453,342	39.8 314,699	2.0 660

Interference to BLANK0000033618 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	135.1 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34688.6 11,224,140	33456.4 11,029,286	33294.2 10,989,711	33236.3 10,939,260	0.17 0.46

Undesired		Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	66.8	61,823		57.9 50,451
WEDH D30 DT CP	18.9	14,501	14.0 13,563	6.0 3,009
WIAV-CD D30 DC CP	119.4	20,766	73.9 11,077	73.9 11,077
WMPT D31 DT BL	52.4	11,440	11.9 2,689	11.9 2,689
WTFX-TV D31 DT CP	16.9	2,557	16.9 2,557	16.9 2,557

Interference to proposal scenario 1

**MX: 24.56% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3 km
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	24.8
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	1.7

Service area	Terrain-limited	IX-free	Percent IX
1134.9 8,341,122	1131.9 8,340,695	829.9 6,292,072	26.68 24.56

Undesired		Total IX	Unique IX	Prcnt Unique IX
WEDH D30 DT CP	2.0	950	0.0 0	0.00 0.00
WNMF-LD D30 LD CP	59.6	261,641	5.0 57,231	0.44 0.69
KYW-TV D30 DT CP	158.9	973,155	129.1 775,392	11.41 9.30
W34DI-D D31+ LD APP	161.0	1,197,600	99.4 926,774	8.79 11.11

Interference to proposal scenario 2

**MX: 83.47% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.3 km
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	140.5
	WNMF-LD	D30	LD	APP	ROSELAND, NJ	BLANK0000078092	24.8
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	135.1
	W34DI-D	D31+	LD	APP	NEW YORK, NY	BLANK0000054804	1.7

Service area	Terrain-limited	IX-free	Percent IX
1134.9 8,341,122	1131.9 8,340,695	121.1 1,379,039	89.30 83.47

Undesired		Total IX	Unique IX	Prcnt Unique IX
WEDH D30 DT CP	2.0	950	0.0 0	0.00 0.00

WNMF-LD D30 LD APP	987.9	6,816,057	713.7	4,970,264	63.05	59.59
KYW-TV D30 DT CP	158.9	973,155	4.0	5,598	0.35	0.07
W34DI-D D31+ LD APP	161.0	1,197,600	14.9	100,226	1.32	1.20

EXHIBIT 4

This is the study of the displacement application, file # 0000072006, that obtained the 0.02 kW CP for WNMF-LD. It includes only one application from the MX Group 51 applications, since only one application can win at auction, and assumes WYXN-LD, file # 0000054668, wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WNMF-LD to WYXN-LD. As shown herein the predicted interference from WNMF-LD to WYSN-LD's auction application is less than 2.0% that is not the issue. This study predicts that the WYXN-LD application will cause interference to 75.12% of WNMF-LD's construction permit population. This is fatal to WYXN-LD's auction application, and therefore renders it worthless.

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WNMF-LD CP excl. WNYN-WNJJ-W34DI-WPXN, Model: Longley-Rice
Start: 2019.07.18 08:58:02

Study created: 2019.07.18 08:58:02

Study build station data: LMS TV 2019-07-16

Proposal: WNMF-LD D30 LD CP ROSELAND, NJ
File number: BLANK0000072006
Facility ID: 74513
Station data: LMS TV 2019-07-16
Record ID: 25076f916a1778a5016a2292db8208b7
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Search options:

Non-U.S. records included
Baseline record excluded if station has CP

Individual records excluded:

0000037694 WPXN-TV D31 DT LIC NEW YORK, NY BLANK0000037694
0000048135 WNYN-LD D30 LD APP *P NEW YORK, NY BLANK0000048135
0000054804 W34DI-D D31+ LD APP *P NEW YORK, NY BLANK0000054804
0000054813 WNJJ-LD D30 LD APP *P PATERSON, NJ BLANK0000054813

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	73.1 km
No	WTXX-LD	D29	LD	CP	SPRINGFIELD, MA	BLANK0000053148	165.5
No	WUTF-TV	D29	DT	LIC	WORCESTER, MA	BLANK0000001072	272.4
No	WMPB	D29	DT	LIC	BALTIMORE, MD	BLEDT20090330AEX	261.3
No	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	122.3
No	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
No	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	52.5
No	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
No	WPXU-LD	D29	LD	APP	New York City, NY	BLANK0000051706	24.3
No	WLNJ-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	113.3
No	WRGB	D29	LD	CP	SCHENECTADY, NY	BLANK0000054897	131.6
No	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	263.4
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	141.6
No	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	117.7
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	244.7
No	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	244.7

Yes	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
No	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	316.7
No	WCRN-LD	D30+	LD	CP	BOSTON, MA	BLANK0000071754	290.9
No	WBZ-TV	D30	DT	LIC	BOSTON, MA	BLCDT20060420ABG	302.7
No	W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS	291.3
Yes	WFUT-DT	D30	DT	LIC	NEWARK, NJ	BLANK0000037827	23.1
Yes	WFUT-DT	D30	DT	APP	NEWARK, NJ	BLANK0000077919	23.1
No	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	279.1
No	WSKA	D30	DT	LIC	CORNING, NY	BLCDT20060705ABL	279.1
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	103.5
Yes	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7
No	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	374.4
No	WAWW-LP	D30-	LD	APP	ROCHESTER, NY	BLANK0000054618	379.1
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	272.8
No	WPCW	D30	LD	CP	JEANNETTE, PA	BLANK0000053374	417.5
No	WPCW	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153	417.5
No	W43CO-D	D30	LD	CP	KINGSTON, PA	BLANK0000054197	148.9
Yes	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	117.7
No	WDCO-CD	D30	DC	BL	WOODSTOCK, VA	DTVBL57905	362.9
No	W30DM-D	D30	LD	LIC	MANCHESTER, ETC., VT	BLDTT20111118ARB	280.5
No	WTIC-TV	D31	DT	LIC	HARTFORD, CT	BLCDT20101222AAE	156.5
No	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	156.3
No	WPPX-TV	D31	DT	LIC	WILMINGTON, DE	BLCDT20031203AFL	117.4
No	W31EF-D	D31+	LD	LIC	West Orange, NJ	BLANK0000049440	0.0
No	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	199.7
No	W31BP	D31+	LD	CP	BURLINGTON, ETC., NY	BLANK0000054409	226.5
No	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	117.6
No	WSWB	D31	DT	LIC	SCRANTON, PA	BLCDT20140326AAZ	142.8
No	W32EI-D	N32-	TX	LIC	West Orange, NJ	BLTTL20121024AAB	73.1
No	W34DI-D	N34+	TX	LIC	NEW YORK, NY	BLTTL20070223AHK	73.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Full Service
Latitude: 40 47 18.00 N (NAD83)
Longitude: 74 15 18.00 W
Height AMSL: 232.0 m
HAAT: 0.0 m
Peak ERP: 0.020 kW
Antenna: JAM-JUHD-4/2(8) (ID 33869) 0.0 deg
Elev Pattern: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.018 kW	122.7 m	12.8 km
45.0	0.018	176.4	15.1
90.0	0.015	210.8	15.8
135.0	0.000	207.4	7.2
180.0	0.000	192.9	5.0
225.0	0.000	104.4	3.8
270.0	0.000	152.8	4.5
315.0	0.009	161.0	12.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 166 m

Distance to Canadian border: 378.9 km

Distance to Mexican border: 2657.6 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 231.3 degrees Distance: 283.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 278.7 degrees Distance: 2606.0 km

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

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to BLANK0000034543 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	156.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32651.3 5,339,771		28861.9 4,758,563		28085.5 4,559,738		28085.5 4,559,738	0.00 0.00
Undesired	Total IX		Unique IX, before		Unique IX, after		
WNMF-LD D30 LD CP	3.0 237		84.8 27,510		84.8 27,510		
WNEU D29 DT CP	85.8 27,582		137.5 34,914		137.5 34,914		
WLNY-TV D29 DT CP	253.6 80,311		15.2 133		15.2 133		
WUTR D30 DT LIC	17.2 279		250.9 41,873		247.9 41,636		
KYW-TV D30 DT CP	367.1 89,306		158.9 46,083		158.9 46,083		
WVIT D31 DT CP	182.9 52,408		2.0 14		2.0 14		
WNCE-CD D31 DC LIC	2.0 14						

 Interference to BLANK0000037827 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFUT-DT	D30	DT	LIC	NEWARK, NJ	BLANK0000037827	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	23.1 km
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	331.9
	WBZ-TV	D30	DT	LIC	BOSTON, MA	BLCDT20060420ABG	287.1
	WTIC-TV	D31	DT	LIC	HARTFORD, CT	BLCDT20101222AAE	143.5
	WPPX-TV	D31	DT	LIC	WILMINGTON, DE	BLCDT20031203AFL	131.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
25876.5 19,985,090		24193.2 19,658,000		23934.6 19,600,098		23856.9 19,574,207	0.33 0.13
Undesired	Total IX		Unique IX, before		Unique IX, after		
WNMF-LD D30 LD CP	81.8 26,262		0.0 0		77.8 25,891		
WIAV-CD D30 DC CP	1.0 32		0.0 0		0.0 0		
WBZ-TV D30 DT LIC	141.7 47,810		0.0 0		0.0 0		
WTIC-TV D31 DT LIC	3.0 1,909		115.8 10,060		115.8 10,060		
WPPX-TV D31 DT LIC	116.8 10,092						

 Interference to BLANK0000077919 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFUT-DT	D30	DT	APP	NEWARK, NJ	BLANK0000077919	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	23.1 km
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	331.9
	WBZ-TV	D30	DT	LIC	BOSTON, MA	BLCDT20060420ABG	287.1
	WTIC-TV	D31	DT	LIC	HARTFORD, CT	BLCDT20101222AAE	143.5
	WPPX-TV	D31	DT	LIC	WILMINGTON, DE	BLCDT20031203AFL	131.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25876.5 19,985,090	24193.2 19,658,000	23934.6 19,600,098	23856.9 19,574,207	0.33 0.13

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	81.8 26,262	0.0 0	77.8 25,891
WIAV-CD D30 DC CP	1.0 32	0.0 0	0.0 0
WBZ-TV D30 DT LIC	141.7 47,810	138.7 45,901	134.6 45,530
WTIC-TV D31 DT LIC	3.0 1,909	0.0 0	0.0 0
WPPX-TV D31 DT LIC	116.8 10,092	115.8 10,060	115.8 10,060

Interference to BLANK0000054668 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4418.0 11,952,448	4030.7 11,797,665	3621.4 11,049,641	3562.5 10,888,831	1.63 1.46

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	124.9 255,545	4.0 2,168	58.9 160,810
W31EF-D D29+ LD APP	9.0 3,942	3.0 4,052	2.0 713
WEDH D30 DT CP	15.0 18,274	3.0 4,052	1.0 1,104
KYW-TV D30 DT CP	402.3 741,804	385.3 725,808	327.4 637,952

Interference to BLANK0000054668 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4418.0 11,952,448	4030.7 11,797,665	3625.4 11,051,809	3564.5 10,889,544	1.68 1.47

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	124.9 255,545	3.0 4,052	60.9 162,265
WEDH D30 DT CP	15.0 18,274	3.0 4,052	1.0 1,104
KYW-TV D30 DT CP	402.3 741,804	390.3 727,582	331.4 639,726

Interference to BLANK0000033618 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds:	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	117.7 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34688.6 11,224,140	33456.4 11,029,286	33294.2 10,989,711	33277.2 10,972,617	0.05 0.16

Undesired	Total IX	Unique IX, before	Unique IX, after
WNMF-LD D30 LD CP	27.9 29,362	14.0 13,563	16.9 17,094
WEDH D30 DT CP	18.9 14,501	73.9 11,077	7.0 2,455
WIAV-CD D30 DC CP	119.4 20,766	11.9 2,689	72.9 10,826
WMPT D31 DT BL	52.4 11,440	11.9 2,689	11.9 2,689

WTXF-TV D31 DT CP 16.9 2,557 16.9 2,557 16.9 2,557

Interference to proposal scenario 1
**MX: 91.74% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5 km
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7

Service area		Terrain-limited		IX-free		Percent IX	
362.3	832,821	328.6	812,956	41.7	67,159	87.31	91.74
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WEDH D30 DT CP	2.0	1,636	1.0	1,113	0.30	0.14	
WYXN-LD D30 LD APP	284.9	743,972	227.3	610,724	69.19	75.12	
KYW-TV D30 DT CP	58.6	133,960	1.0	712	0.30	0.09	

EXHIBIT 5

This is the study of WYXN-LD's displacement application, file # 0000054668, the only application included from the MX Group 51, since only one application can win at auction, and assumes WYXN-LD wins the auction. Since the other MX Group 51 applications are not considered they do not mask the predicted interference from WYXN-LD to WNMF-LD's construction permit, file # 0000072006, and to WNMF-LD's application for modification of that construction permit, file # 0000078092. The predicted interference to 90.09% of WNMF-LD's construction permit is fatal to WYXN-LD's auction application. It can not be amended in any manner to remove that predicted interference. Therefore, WYXN-LD's auction application becomes worthless as a direct result of the WNMF-LD construction permit.

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WYXN-LD 30 AP exc Grp51 and PXN, Model: Longley-Rice
Start: 2019.07.10 11:53:25

Study created: 2019.07.10 11:53:25

Study build station data: LMS TV 2019-07-10

Proposal: WYXN-LD D30 LD APP *P NEW YORK, NY
File number: BLANK0000054668
Facility ID: 38945
Station data: LMS TV 2019-07-10
Record ID: 25076f916810e1fa0168388a056219df
Country: U.S.

Build options:

Protect baseline records from LPTV

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Individual records excluded:

0000037694 WYXN-TV D31 DT LIC NEW YORK, NY BLANK0000037694 - Transition away Phase 4 - 8/2/19
0000048135 WYXN-LD D30 LD APP *P NEW YORK, NY BLANK0000048135 - MX Group 51
0000054804 W34DI-D D31+ LD APP *P NEW YORK, NY BLANK0000054804 - MX Group 51
0000054813 WNJJ-LD D30 LD APP *P PATERSON, NJ BLANK0000054813 - MX Group 51

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	72.1 km
No	WTXX-LD	D29	LD	CP	SPRINGFIELD, MA	BLANK0000053148	163.9
No	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	124.0
No	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0
No	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	53.0
Yes	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.1
Yes	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	23.8
Yes	WLNy-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	112.4
No	WRGB	D29	LD	CP	SCHENECTADY, NY	BLANK0000054897	130.0
No	WKTU	D29	DT	LIC	UTICA, NY	BLCDDT20060630ACL	262.1
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	141.4
No	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	119.3
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDDT20090223ABU	245.1
No	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	245.1
Yes	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
No	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	318.3

No	WCRN-LD	D30+	LD	CP	BOSTON, MA	BLANK0000071754	289.5
No	W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS	293.0
Yes	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7
No	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	278.9
Yes	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	102.3
No	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	374.4
No	WAWW-LP	D30-	LD	APP	ROCHESTER, NY	BLANK0000054618	378.6
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	271.5
No	WPCW	D30	LD	CP	JEANNETTE, PA	BLANK0000053374	418.5
No	WPCW	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153	418.5
Yes	W43CO-D	D30	LD	CP	KINGSTON, PA	BLANK0000054197	149.0
Yes	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	119.3
No	WDCO-CD	D30	DC	BL	WOODSTOCK, VA	DTVBL57905	364.4
No	W30DM-D	D30	LD	LIC	MANCHESTER, ETC., VT	BLDTT20111118ARB	278.8
No	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	154.7
Yes	W31EF-D	D31+	LD	LIC	West Orange, NJ	BLANK0000049440	1.7
No	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	199.1
No	W31BP	D31+	LD	CP	BURLINGTON, ETC., NY	BLANK0000054409	225.3
No	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	119.2
No	W32EI-D	N32-	TX	LIC	West Orange, NJ	BLTTL20121024AAB	72.1
No	W34DI-D	N34+	TX	LIC	NEW YORK, NY	BLTTL20070223AHK	72.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Full Service
Latitude: 40 48 7.60 N (NAD83)
Longitude: 74 14 45.50 W
Height AMSL: 270.6 m
HAAT: 0.0 m
Peak ERP: 9.00 kW
Antenna: Dielectric-Custom Panel (ID 1004536) 0.0 deg
Elev Pattern: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	9.00 kW	167.9 m	46.1 km
45.0	9.00	221.2	49.2
90.0	9.00	251.5	50.9
135.0	5.06	251.9	47.9
180.0	0.000	227.0	5.6
225.0	0.000	144.0	4.5
270.0	0.000	192.4	7.6
315.0	9.00	194.7	47.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 206 m

Distance to Canadian border: 378.1 km

Distance to Mexican border: 2659.1 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 231.2 degrees Distance: 284.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.7 degrees Distance: 2606.5 km

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

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000054807 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	24.1 km
	W28ES-D	D28z	LD	LIC	New York, NY	BLANK0000052790	24.6
	WNYJ-LD	D28-	LD	CP	New York, NY	BLANK0000067908	23.5
	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	125.5
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.0
	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	1.1
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	90.0
	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	133.6
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	269.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3117.4 5,898,408	2975.5 5,750,533	1626.7 3,431,025	1615.7 3,425,240	0.67 0.17

Undesired	Total IX	Unique IX, before	Unique IX, after
WYXN-LD D30 LD APP	91.3 59,955	10.9 5,785	
W28ES-D D28z LD LIC	2.0 1,044	1.0 544	
WNYJ-LD D28- LD CP	11.1 6,390	0.0 0	
W45CP-D D29 LD CP	1.0 406	0.0 0	
W49BE-D D29z LD CP	30.8 12,120	3.0 1,516	
WPXU-LD D29 LD APP	979.1 2,116,730	716.1 1,643,906	
WLNY-TV D29 DT CP	616.6 666,943	355.8 198,073	
WELL-LD D29 LD CP	4.0 912	0.0 0	

Interference to BLANK0000054807 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	24.1 km
	W28ES-D	D28z	LD	LIC	New York, NY	BLANK0000052790	24.6
	WNYJ-LD	D28-	LD	CP	New York, NY	BLANK0000067908	23.5
	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	125.5
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	77.0
	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	1.1
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	90.0
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	269.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3117.4 5,898,408	2975.5 5,750,533	1626.7 3,431,025	1615.7 3,425,240	0.67 0.17

Undesired	Total IX	Unique IX, before	Unique IX, after
WYXN-LD D30 LD APP	91.3 59,955	10.9 5,785	
W28ES-D D28z LD LIC	2.0 1,044	1.0 544	
WNYJ-LD D28- LD CP	11.1 6,390	0.0 0	
W45CP-D D29 LD CP	1.0 406	0.0 0	
W49BE-D D29z LD CP	30.8 12,120	3.0 1,516	
WPXU-LD D29 LD APP	979.1 2,116,730	716.1 1,643,906	
WLNY-TV D29 DT CP	616.6 666,943	357.8 198,837	

Interference to BLANK0000054807 APP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	24.1 km
	W28ES-D	D28z	LD	LIC	New York, NY	BLANK0000052790	24.6
	WNYJ-LD	D28-	LD	CP	New York, NY	BLANK0000067908	23.5
	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	125.5
	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	77.0
	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	1.1
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	90.0
	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	133.6

WQMY		D29	DT	LIC	WILLIAMSPORT, PA		BLCDT20090223ABU		269.2
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3117.4	5,898,408	2975.5	5,750,533	1626.7	3,431,025	1615.7	3,425,240	0.67	0.17
Undesired		Total IX		Unique IX, before		Unique IX, after			
WYXN-LD D30 LD APP		91.3	59,955			10.9	5,785		
W28ES-D D28z LD LIC		2.0	1,044	1.0	544	1.0	544		
WNYJ-LD D28- LD CP		11.1	6,390	0.0	0	0.0	0		
W45CP-D D29 LD CP		1.0	406	0.0	0	0.0	0		
W49BE-D D29z LD LIC		30.8	12,120	3.0	1,516	1.0	0		
WPXU-LD D29 LD APP		979.1	2,116,730	716.1	1,643,906	708.1	1,636,334		
WLNY-TV D29 DT CP		616.6	666,943	355.8	198,073	301.2	161,668		
WELL-LD D29 LD CP		4.0	912	0.0	0	0.0	0		

Interference to BLANK0000054807 APP scenario 4

Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired: W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807				
Undesireds: WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	24.1 km			
W28ES-D	D28z	LD	LIC	New York, NY	BLANK0000052790	24.6			
WNYJ-LD	D28-	LD	CP	New York, NY	BLANK0000067908	23.5			
W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	125.5			
W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	77.0			
WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	1.1			
WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	90.0			
WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	269.2			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3117.4	5,898,408	2975.5	5,750,533	1626.7	3,431,025	1615.7	3,425,240	0.67	0.17
Undesired		Total IX		Unique IX, before		Unique IX, after			
WYXN-LD D30 LD APP		91.3	59,955			10.9	5,785		
W28ES-D D28z LD LIC		2.0	1,044	1.0	544	1.0	544		
WNYJ-LD D28- LD CP		11.1	6,390	0.0	0	0.0	0		
W45CP-D D29 LD CP		1.0	406	0.0	0	0.0	0		
W49BE-D D29z LD LIC		30.8	12,120	3.0	1,516	1.0	0		
WPXU-LD D29 LD APP		979.1	2,116,730	716.1	1,643,906	708.1	1,636,334		
WLNY-TV D29 DT CP		616.6	666,943	357.8	198,837	303.2	162,432		

Interference to BLANK0000051706 APP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired: WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706				
Undesireds: WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	23.8 km			
W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	126.4			
W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	76.8			
W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	1.1			
WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.8			
WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	134.1			
WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	268.9			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1289.0	6,844,956	1269.1	6,809,193	225.8	2,221,988	225.8	2,221,988	0.00	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
WYXN-LD D30 LD APP		2.0	39,660			0.0	0		
W45CP-D D29 LD CP		1.0	876	0.0	0	0.0	0		
W49BE-D D29z LD CP		1.0	474	0.0	0	0.0	0		
W31EF-D D29+ LD APP		909.9	3,657,481	596.9	2,075,584	596.9	2,075,584		
WLNY-TV D29 DT CP		445.4	2,510,745	133.4	929,724	132.4	891,485		
WELL-LD D29 LD CP		1.0	474	0.0	0	0.0	0		

Interference to BLANK0000051706 APP scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	23.8 km
	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	126.4
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	76.8
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	1.1
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.8
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	268.9
Service area	1289.0	6,844,956	Terrain-limited	1269.1	6,809,193	IX-free, before	IX-free, after
						225.8	2,221,988
						225.8	2,221,988
							Percent New IX
							0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
WYXN-LD D30 LD APP	2.0		39,660				
W45CP-D D29 LD CP	1.0		876	0.0	0	0.0	0
W49BE-D D29z LD CP	1.0		474	0.0	0	0.0	0
W31EF-D D29+ LD APP	909.9	3,657,481		596.9	2,075,584	596.9	2,075,584
WLNY-TV D29 DT CP	445.4	2,510,745		133.4	929,724	132.4	891,485

Interference to BLANK0000051706 APP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	23.8 km
	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	126.4
	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	76.8
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	1.1
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.8
	WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000051711	134.1
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	268.9
Service area	1289.0	6,844,956	Terrain-limited	1269.1	6,809,193	IX-free, before	IX-free, after
						225.8	2,221,988
						225.8	2,221,988
							Percent New IX
							0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
WYXN-LD D30 LD APP	2.0		39,660				
W45CP-D D29 LD CP	1.0		876	0.0	0	0.0	0
W49BE-D D29z LD LIC	1.0		474	0.0	0	0.0	0
W31EF-D D29+ LD APP	909.9	3,657,481		596.9	2,075,584	596.9	2,075,584
WLNY-TV D29 DT CP	445.4	2,510,745		133.4	929,724	132.4	891,485
WELL-LD D29 LD CP	1.0	474		0.0	0	0.0	0

Interference to BLANK0000051706 APP scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXU-LD	D29	LD	APP	New york city, NY	BLANK0000051706	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	23.8 km
	W45CP-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000051787	126.4
	W49BE-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	76.8
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	1.1
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.8
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	268.9
Service area	1289.0	6,844,956	Terrain-limited	1269.1	6,809,193	IX-free, before	IX-free, after
						225.8	2,221,988
						225.8	2,221,988
							Percent New IX
							0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
WYXN-LD D30 LD APP	2.0		39,660				
W45CP-D D29 LD CP	1.0		876	0.0	0	0.0	0
W49BE-D D29z LD LIC	1.0		474	0.0	0	0.0	0
W31EF-D D29+ LD APP	909.9	3,657,481		596.9	2,075,584	596.9	2,075,584
WLNY-TV D29 DT CP	445.4	2,510,745		133.4	929,724	132.4	891,485

Interference to BLANK0000034023 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	112.4 km
	WHPX-TV	D28	DT	CP	NEW LONDON, CT	BLANK0000063882	89.9
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	210.0
	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	296.7
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	354.0
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	89.9
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	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	16375.8	7,386,622	16194.6	7,308,935	16019.6	7,237,299	16015.6 7,229,056 0.02 0.11

Undesired		Total IX	Unique IX, before	Unique IX, after
WYXN-LD D30 LD APP	5.0	14,770		4.0 8,243
WHPX-TV D28 DT CP	160.9	58,732	40.2	21,787 40.2 21,787
WNEU D29 DT CP	6.0	6,868	3.0	6,545 2.0 18
WKTV D29 DT LIC	17.1	7,151	8.1	5,933 8.1 5,933
WEDH D30 DT CP	122.7	37,206	0.0	0 0.0 0

Interference to BLANK0000034543 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	154.9 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4
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	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	32651.3	5,339,771	28861.9	4,758,563	28085.5	4,559,738	28030.1 4,550,782 0.20 0.20

Undesired		Total IX	Unique IX, before	Unique IX, after
WYXN-LD D30 LD APP	257.0	41,635		55.4 8,956
WNEU D29 DT CP	85.8	27,582	84.8	27,510 80.8 26,816
WLNY-TV D29 DT CP	253.6	80,311	137.5	34,914 94.0 33,252
WUTR D30 DT LIC	17.2	279	15.2	133 15.2 133
KYW-TV D30 DT CP	367.1	89,306	250.9	41,873 147.3 24,631
WVIT D31 DT CP	182.9	52,408	158.9	46,083 154.8 45,611
WNCE-CD D31 DC LIC	2.0	14	2.0	14 2.0 14

Interference to BLANK0000072006 CP scenario 1

**IX: 90.09% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	52.5
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.6
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	156.5
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	117.7
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	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	362.3	832,821	328.6	812,956	269.0	677,883	41.7 67,159 84.50 90.09

Undesired		Total IX	Unique IX, before	Unique IX, after
WYXN-LD D30 LD APP	284.9	743,972		227.3 610,724
WEDH D30 DT CP	2.0	1,636	1.0	1,113 1.0 1,113
KYW-TV D30 DT CP	58.6	133,960	57.6	133,437 1.0 712

Interference to BLDTL20141229AGO LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	102.3 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	91.2
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.0
	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	204.9
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	185.8

Service area	224.6	14,345	Terrain-limited	203.5	13,164	IX-free, before	194.5	11,403	IX-free, after	194.5	11,403	Percent New IX	0.00	0.00
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Undesired				Total IX		Unique IX, before		Unique IX, after	
WYXN-LD D30 LD APP		3.0		91				0.0	0
WEDH D30 DT CP		3.0		895	2.0	868		1.0	804
WYDC D30 DT CP		1.0		2	1.0	2		1.0	2
KYW-TV D30 DT CP		6.0		891	5.0	864		4.0	864

Interference to BLANK0000054197 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W43CO-D	D30	LD	CP	KINGSTON, PA	BLANK0000054197	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	149.0 km
	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	99.4
	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	23.9
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	103.7
	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	134.8
	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	225.5
	WPCW	D30	LD	CP	JEANNETTE, PA	BLANK0000053374	300.6
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	151.6

Service area	6055.1	598,055	Terrain-limited	4259.2	496,742	IX-free, before	4027.9	478,580	IX-free, after	4027.9	478,580	Percent New IX	0.00	0.00
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Undesired				Total IX		Unique IX, before		Unique IX, after	
WYXN-LD D30 LD APP		1.0		0				0.0	0
W29EU-D D29 LD LIC		4.0		662	1.0	162		1.0	162
WYDC D30 DT CP		95.7		1,937	33.2	563		33.2	563
KYW-TV D30 DT CP		195.0		16,986	134.6	16,063		133.6	16,063

Interference to BLANK0000033618 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	119.3 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

Service area	34688.6	11,224,140	Terrain-limited	33456.4	11,029,286	IX-free, before	33294.2	10,989,711	IX-free, after	33265.3	10,967,051	Percent New IX	0.09	0.21
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Undesired				Total IX		Unique IX, before		Unique IX, after	
WYXN-LD D30 LD APP		42.8		35,906				28.9	22,660
WEDH D30 DT CP		18.9		14,501	14.0	13,563		4.0	1,477
WIAV-CD D30 DC CP		119.4		20,766	73.9	11,077		72.9	10,826
WMPT D31 DT BL		52.4		11,440	11.9	2,689		11.9	2,689
WTFX-TV D31 DT CP		16.9		2,557	16.9	2,557		16.9	2,557

Interference to BLANK0000049440 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W31EF-D	D31+	LD	LIC	West Orange, NJ	BLANK0000049440	
Undesireds:	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	1.7 km

WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000074279	156.3
W31BP	D31+	LD	CP	BURLINGTON, ETC., NY	BLANK0000054409	226.5
WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	117.6
W32EI-D	D32-	LD	APP	West Orange, NJ	BLANK0000033498	0.0
WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000074687	22.0
WXNY-LD	D32	LD	LIC	NEW YORK, NY	BLANK00000908AC0	26.6

Service area	896.1	2,598,106	Terrain-limited	851.5	2,440,547	IX-free, before	765.1	2,039,249	IX-free, after	725.4	2,005,022	Percent New IX	5.19	1.68
Undesired			Total IX			Unique IX, before			Unique IX, after					
WYXN-LD D30 LD APP			63.5		77,698				39.7		34,227			
WVIT D31 DT CP			6.9		74,267	1.0	1,487		1.0		1,487			
WTFX-TV D31 DT CP			49.6		158,749	31.7	65,787		25.8		60,248			
WLIW D32 DT CP			39.7		157,177	15.9	46,203		11.9		43,373			
WXNY-LD D32 LD LIC			27.8		279,615	11.9	162,414		10.9		153,435			

Interference to proposal scenario 1
 **MX: 7.70% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0 km
	W31EF-D	D29+	LD	APP	West Orange, NJ	BLANK0000054807	24.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3
Service area	4418.0	11,952,448	Terrain-limited	4030.7	11,797,665	IX-free	3562.5
						10,888,831	Percent IX
							11.62
Undesired				Total IX		Unique IX	Prcnt Unique IX
W31EF-D D29+ LD APP			9.0	3,942	2.0	713	0.05
WEDH D30 DT CP			15.0	18,274	1.0	1,104	0.03
WNMF-LD D30 LD CP			124.9	255,545	58.9	160,810	1.46
KYW-TV D30 DT CP			402.3	741,804	327.4	637,952	8.12

Interference to proposal scenario 2
 7.70% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYXN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000054668	
Undesireds:	W49BE-D	D29z	LD	CP	HACKETTSTOWN, NJ	BLANK0000066998	53.0 km
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	154.9
	WNMF-LD	D30	LD	CP	ROSELAND, NJ	BLANK0000072006	1.7
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	119.3
Service area	4418.0	11,952,448	Terrain-limited	4030.7	11,797,665	IX-free	3564.5
						10,889,544	Percent IX
							11.57
Undesired				Total IX		Unique IX	Prcnt Unique IX
WEDH D30 DT CP			15.0	18,274	1.0	1,104	0.03
WNMF-LD D30 LD CP			124.9	255,545	60.9	162,265	1.51
KYW-TV D30 DT CP			402.3	741,804	331.4	639,726	8.22

CERTIFICATE OF SERVICE

I, F. William LeBeau, hereby certify that, on July 18, 2019, a copy of the foregoing Petition for Reconsideration and Request to Rescind the Hijacking of Auction 104, MX Group 51 was served, via e-mail, and United States Postal Service First Class Mail, postage prepaid, upon the following:

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