

tvstudy v2.2.2
Database: localhost, Study: WPPX-P1, Model: Longley-Rice
Start: 2017.06.01

Study created: 2017.06.01

Study build station data: LMS TV 2017-05-22 (8)

Proposal: WPPX-P1 D34 DT APP WILMINGTON, DE
File number: WPPX-P1
Facility ID: 51984
Station data: User record
Record ID: 267
Country: U.S.
Zone: I

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLED20071018AIJ	199.3 km
WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPED20120627AAD	199.3
WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	0.0
WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	160.3
WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	273.8
WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	200.1
WFXT	D34	DT	BL	BOSTON, MA	DTVBL6463	419.7
WKBW-TV	D34	DT	BL	BUFFALO, NY	DTVBL54176	403.6
WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	127.6
WFXV	D34	DT	BL	UTICA, NY	DTVBL43424	345.0
WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	160.4
WNPB-TV	D34	DT	BL	MORGANTOWN, WV	DTVBL71676	388.0
WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	127.6
WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	0.0
WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	199.3

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WNWR 1540 C DA2 D PHILADELPHIA, PA BP20161215ABM
WNWR 1540 C DA2 N PHILADELPHIA, PA BP20161215ABM
WNWR 1540 L DAD D PHILADELPHIA, PA BMML20120724AFT

Record parameters as studied:

Channel: D34
Latitude: 40 2 30.10 N (NAD83)
Longitude: 75 14 10.10 W
Height AMSL: 438.9 m
HAAT: 371.0 m
Peak ERP: 213 kW
Antenna: DIE-TFU-20DSC/VP-R P230 0.0 deg

40.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	197 kW	370.2 m	90.7 km
45.0	77.6	334.5	80.6
90.0	60.5	389.9	83.8
135.0	33.3	418.5	81.5
180.0	197	401.3	92.8
225.0	77.6	346.1	81.8
270.0	60.5	319.4	77.6
315.0	33.3	389.1	79.7

Proposal service area is within baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 419.4 km

Distance to Mexican border: 2543.6 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 234.8 degrees Distance: 167.1 km
ERP: 45.2 kW Field strength: 21.3 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 280.1 degrees Distance: 2537.6 km

Study cell size: 2.00 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 BLED20071018AIJ LIC, scenario 1
Proposal causes no interference.

Interference to BPED20120627AAD CP, scenario 1

Proposal causes no interference.

Interference to DTVBL12499 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL12499 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL64690 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	160.3 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	160.3
	WTKO-CD	D32	DC	BL	ONEIDA, NY	DTVBL34341	181.3
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	154.6
	WCCT-TV	D33	DT	BL	WATERBURY, CT	DTVBL14050	242.5
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	299.1
	WCVB-TV	D33	DT	BL	BOSTON, MA	DTVBL65684	384.0
	WGRZ	D33	DT	LIC	BUFFALO, NY	BLCDT20050705AAG	274.1
	WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	160.3
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	164.4
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	0.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25413.4 1,515,992	21359.6 1,132,601	20692.4 1,099,649	20692.4 1,099,649	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	12.0 297	0.0 0	
WPPX-P1 D34 DT APP	12.0 297		0.0 0
WCCT-TV D33 DT BL	88.5 5,493	56.5 992	56.5 992
WHUT-TV D33 DT LIC	12.1 10	4.1 10	4.1 10
WCVB-TV D33 DT BL	12.1 124	4.0 18	4.0 18
WGRZ D33 DT LIC	72.4 830	60.3 827	60.3 827
WPSG D33 DT BL	510.1 30,572	434.1 25,665	434.1 25,665
WPXN-TV D34 DT BL	7.9 0	0.0 0	0.0 0
WSWB D34 DT BL	32.2 533	32.2 533	32.2 533

Interference to DTVBL64690 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	160.3 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	160.3
	WTKO-CD	D32	DC	BL	ONEIDA, NY	DTVBL34341	181.3
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	154.6
	WCCT-TV	D33	DT	BL	WATERBURY, CT	DTVBL14050	242.5
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	299.1
	WCVB-TV	D33	DT	BL	BOSTON, MA	DTVBL65684	384.0
	WGRZ	D33	DT	LIC	BUFFALO, NY	BLCDT20050705AAG	274.1
	WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	160.3
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	164.4
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	0.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25413.4 1,515,992	21359.6 1,132,601	20620.0 1,092,613	20620.0 1,092,613	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	12.0 297	0.0 0	
WPPX-P1 D34 DT APP	12.0 297		0.0 0
WCCT-TV D33 DT BL	88.5 5,493	52.5 990	52.5 990
WHUT-TV D33 DT CP	144.7 10,314	76.5 7,046	76.5 7,046
WCVB-TV D33 DT BL	12.1 124	4.0 18	4.0 18
WGRZ D33 DT LIC	72.4 830	56.3 827	56.3 827
WPSG D33 DT BL	510.1 30,572	406.0 25,400	406.0 25,400
WPXN-TV D34 DT BL	7.9 0	0.0 0	0.0 0
WSWB D34 DT BL	32.2 533	32.2 533	32.2 533

Interference to DTVBL147 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	273.7 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	273.8
	WCCT-TV	D33	DT	BL	WATERBURY, CT	DTVBL14050	0.0
	WCVB-TV	D33	DT	BL	BOSTON, MA	DTVBL65684	148.0
	WFXT	D34	DT	BL	BOSTON, MA	DTVBL6463	149.0
	WPXT	D34	DT	BL	PORTLAND, ME	DTVBL53065	314.2
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	147.9
	WFXV	D34	DT	BL	UTICA, NY	DTVBL43424	250.3
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	242.7
	WHDH	D35	DT	BL	BOSTON, MA	DTVBL72145	149.6
	WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	147.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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32536.5 5,313,970 28496.8 4,706,367 24224.6 3,933,873 24224.6 3,933,873 0.00 0.00

			Total IX	Unique IX, before	Unique IX, after
Undesired					
WPPX-TV D34 DT BL	68.5		8,236	0.0	0
WPPX-P1 D34 DT APP	68.5		8,236		0.0 0
WCVB-TV D33 DT BL	401.0		81,287	12.1	682 12.1 682
WFXT D34 DT BL	2935.8		486,987	1841.7	181,270 1841.7 181,270
WPXT D34 DT BL	76.0		16,722	0.0	0 0.0 0
WPXN-TV D34 DT BL	2029.6		542,940	1103.7	266,641 1103.7 266,641
WFXV D34 DT BL	160.4		5,257	80.0	1,361 80.0 1,361
WSWB D34 DT BL	52.4		5,567	0.0	0 0.0 0
WHDH D35 DT BL	320.7		69,007	4.0	277 4.0 277
WNJU D35 DT BL	254.4		85,056	0.0	0 0.0 0

Interference to DTVBL47904 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	200.1 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	200.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	1.1
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	327.7
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	300.2
	WLSL-TV	D34	DT	BL	ROANOKE, VA	DTVBL57840	330.7
	WNPB-TV	D34	DT	BL	MORGANTOWN, WV	DTVBL71676	245.3
	WAHU-CD	D35	DC	BL	CHARLOTTESVILLE, VA	DTVBL47705	161.6
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	1.2
Service area	22810.2	8,001,507	Terrain-limited	22129.2	7,968,032	IX-free, before	21997.5 7,962,113
						IX-free, after	21997.5 7,962,113
						Percent New IX	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	27.9	1,557	19.9	390
WPPX-P1 D34 DT APP	27.9	1,557		19.9 390
WHUT-TV D33 DT LIC	4.0	239	0.0	0 0.0 0
WPXN-TV D34 DT BL	4.0	169	4.0	169 4.0 169
WSWB D34 DT BL	4.0	22	4.0	22 4.0 22
WLSL-TV D34 DT BL	32.0	911	16.0	221 16.0 221
WNPB-TV D34 DT BL	15.9	655	4.0	80 4.0 80
WPXW-TV D35 DT BL	67.8	4,347	59.8	3,056 59.8 3,056

Interference to DTVBL47904 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	200.1 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	200.1
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	1.1
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	327.7
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	300.2
	WLSL-TV	D34	DT	BL	ROANOKE, VA	DTVBL57840	330.7
	WNPB-TV	D34	DT	BL	MORGANTOWN, WV	DTVBL71676	245.3
	WAHU-CD	D35	DC	BL	CHARLOTTESVILLE, VA	DTVBL47705	161.6
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	1.2
Service area	22810.2	8,001,507	Terrain-limited	22129.2	7,968,032	IX-free, before	21993.5 7,960,916
						IX-free, after	21993.5 7,960,916
						Percent New IX	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	27.9	1,557	19.9	390
WPPX-P1 D34 DT APP	27.9	1,557		19.9 390
WHUT-TV D33 DT CP	59.9	4,904	4.0	1,197 4.0 1,197
WPXN-TV D34 DT BL	4.0	169	4.0	169 4.0 169
WSWB D34 DT BL	4.0	22	4.0	22 4.0 22
WLSL-TV D34 DT BL	32.0	911	16.0	221 16.0 221
WNPB-TV D34 DT BL	15.9	655	4.0	80 4.0 80
WPXW-TV D35 DT BL	67.8	4,347	12.0	640 12.0 640

Interference to DTVBL6463 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL54176 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL73356 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	127.6 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	127.6
	WCCT-TV	D33	DT	BL	WATERBURY, CT	DTVBL14050	147.9
	WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	127.6
	WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	164.4
	WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	147.9
	WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	327.7

WFXT	D34	DT	BL	BOSTON, MA	DTVBL6463	292.1
WFXV	D34	DT	BL	UTICA, NY	DTVBL43424	286.9
WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	164.7
WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	0.0
WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	127.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28999.3 20,463,464	27025.8 20,084,344	22759.1 18,904,647	22779.2 18,912,404	-0.09 -0.04

Undesired	Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	3251.1 873,358	2470.2 713,326	
WPPX-P1 D34 DT APP	3243.2 864,491		2450.1 705,569
WCCT-TV D33 DT BL	16.1 8,132	0.0 0	0.0 0
WPSG D33 DT BL	442.9 94,795	0.0 0	4.0 3,304
WTIC-TV D34 DT BL	1108.2 339,131	850.2 277,682	842.2 276,121
WRC-TV D34 DT BL	31.9 3,870	4.0 2,476	4.0 2,476
WFXT D34 DT BL	60.2 16,563	8.1 891	8.1 891
WFXV D34 DT BL	97.1 15,737	12.1 1,792	12.1 1,792
WSWB D34 DT BL	253.3 37,876	80.5 12,426	72.5 11,793

Interference to DTVBL43424 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL73374 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	160.4 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	160.4
	WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	160.4
	WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	0.2
	WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	242.7
	WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	300.2
	WKBW-TV	D34	DT	BL	BUFFALO, NY	DTVBL54176	273.5
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	164.7
	WFXV	D34	DT	BL	UTICA, NY	DTVBL43424	195.4
	WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	164.7
	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	136.6
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	160.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
22573.0 1,500,358	18546.5 1,075,915	16933.5 999,577	16941.5 999,626	-0.05 -0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	883.9 57,048	368.9 17,013	
WPPX-P1 D34 DT APP	875.9 57,604		360.9 16,964
WQPX-TV D33 DT BL	140.8 1,983	132.7 1,942	132.7 1,942
WTIC-TV D34 DT BL	100.9 2,550	8.1 28	8.1 28
WRC-TV D34 DT BL	116.5 3,433	48.4 541	48.4 541
WKBW-TV D34 DT BL	108.5 1,834	52.3 865	52.3 865
WPXN-TV D34 DT BL	809.9 51,510	282.7 13,034	282.7 12,429
WFXV D34 DT BL	233.1 8,938	72.2 1,119	72.2 1,119
WNJU D35 DT BL	11.9 0	0.0 0	0.0 0
WENY-TV D35 DT BL	40.2 321	20.1 156	20.1 156

Interference to DTVBL71676 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL71676 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL73333 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	127.6 km
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	127.6
	WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	147.9
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	0.0
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	164.7
	WHDH	D35	DT	BL	BOSTON, MA	DTVBL72145	292.8
	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	300.7
	WNYF-CD	D35	DC	LIC	WATERTOWN, NY	BLDTL20090924ABW	386.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	127.6
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	326.9
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	155.3
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	187.8
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	0.0
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	187.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
36409.0 21,729,352	33986.6 21,177,516	33386.6 21,011,480	33386.6 21,011,480	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WPPX-TV D34 DT BL	229.4 85,759	48.2 14,163	
WPPX-P1 D34 DT APP	229.4 85,759		48.2 14,163

WHDH D35 DT BL	197.5	42,733	197.5	42,733	197.5	42,733
WFPA-CD D35 DC BL	294.4	96,522	113.1	24,926	113.1	24,926
WPXW-TV D35 DT BL	96.2	25,361	60.0	12,618	60.0	12,618

Interference to DTVBL74216 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216			
Undesireds:	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	0.0 km		
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1	0.0		
	WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	127.6		
	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	279.8		
	WJAC-TV	D35	DT	BL	JOHNSTOWN, PA	DTVBL73120	320.1		
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	199.3		
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	109.6		
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	135.3		
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	142.7		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
5754.7 4,082,760		5706.4 4,070,087		5327.8 3,537,583		5327.8 3,537,583	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
WPPX-TV D34 DT BL				482,025	161.1 216,460				
WPPX-P1 D34 DT APP				257.9 482,025		161.1 216,460			
WNJU D35 DT BL				197.3 293,307	96.6 35,196	96.6 35,196			
WPXW-TV D35 DT BL				56.3 108,946	12.1 7,164	12.1 7,164			

Interference to DTVBL74091 BL, scenario 1
Proposal causes no interference.

Interference to proposal, scenario 1
10.55% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1			
Undesireds:	WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	0.0 km		
	WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	160.3		
	WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	273.8		
	WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	200.1		
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	127.6		
	WFXV	D34	DT	BL	UTICA, NY	DTVBL43424	345.0		
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	160.4		
	WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	127.6		
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	0.0		
Service area		Terrain-limited		IX-free		Percent IX			
22054.4 8,199,379		21325.4 7,978,089		18203.7 7,136,046		14.64 10.55			
Undesired				Total IX	Unique IX	Prct Unique IX			
WPSG D33 DT BL				80.4 17,172	20.0 4,196	0.09 0.05			
WRC-TV D34 DT BL				745.1 150,244	280.5 48,857	1.32 0.61			
WPXN-TV D34 DT BL				2729.0 751,542	1995.8 538,273	9.36 6.75			
WSWB D34 DT BL				212.3 72,366	48.1 35,068	0.23 0.44			
WNJU D35 DT BL				308.5 116,142	0.0 0	0.00 0.00			

Interference to proposal, scenario 2
10.55% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	WPPX-P1	D34	DT	APP	WILMINGTON, DE	WPPX-P1			
Undesireds:	WPSG	D33	DT	BL	PHILADELPHIA, PA	DTVBL12499	0.0 km		
	WQPX-TV	D33	DT	BL	SCRANTON, PA	DTVBL64690	160.3		
	WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	273.8		
	WRC-TV	D34	DT	BL	WASHINGTON, DC	DTVBL47904	200.1		
	WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	127.6		
	WFXV	D34	DT	BL	UTICA, NY	DTVBL43424	345.0		
	WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	160.4		
	WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	127.6		
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	0.0		
Service area		Terrain-limited		IX-free		Percent IX			
22054.4 8,199,379		21325.4 7,978,089		18203.7 7,136,046		14.64 10.55			
Undesired				Total IX	Unique IX	Prct Unique IX			
WPSG D33 DT BL				80.4 17,172	20.0 4,196	0.09 0.05			
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WPXN-TV D34 DT BL				2729.0 751,542	1995.8 538,273	9.36 6.75			
WSWB D34 DT BL				212.3 72,366	48.1 35,068	0.23 0.44			
WNJU D35 DT BL				308.5 116,142	0.0 0	0.00 0.00			