

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: aaRed34d15kwOI300IF, Model: Longley-Rice

Start: 2021.04.14 14:21:34

Study created: 2021.04.14 14:21:33

Study build station data: LMS TV 2021-04-13

Proposal: W34FL-D D34 LD APP Harrisburg, PA

Facility ID: 53371

Station data: User record

Record ID: 2091

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WRZH-LD	N27+	TX	LIC	RED LION-HARRISBURG, PA	BLTTTL19870929IH	123.1 km
No	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	114.4
No	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	114.4
No	WOWZ-LP	D33	LD	CP	SALISBURY, MD	BLANK0000137660	172.2
No	W32EI-D	D33-	LD	APP	PORT JERVIS, NY	BLANK0000054805	220.2
No	W33EM-D	D33-	LD	LIC	Altoona, PA	BLANK0000120706	174.8
No	W33CR-D	D33	LD	LIC	CHAMBERSBURG, PA	BLDTT20100503ACB	100.6
No	WJAC-TV	D33	LD	CP	JOHNSTOWN, PA	BLANK0000090618	174.1
Yes	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	115.2
No	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	184.7
No	W33DZ-D	D33	LD	CP	WILLIAMSPORT, PA	BDCCDTT20130103ACT	146.8
No	WTIC-TV	D34	DT	LIC	HARTFORD, CT	BLANK0000080032	373.5
No	WTXX-LD	D34	LD	LIC	New haven, CT	BLANK0000022340	350.5
Yes	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK0000079826	115.5
Yes	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	115.4
No	WSJZ-LD	D34	LD	LIC	Salisbury, MD	BLANK0000110689	183.0
No	WKBW-TV	D34	DT	LIC	BUFFALO, NY	BLANK0000134785	348.1
No	W07BJ	D34z	LD	CP	ITHACA, NY	BLANK0000054763	279.8

No	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	235.6
No	WHTV-LD	D34+	LD	LIC	PORT JERVIS, NY	BLANK0000048491	220.2
No	WHTV-LD	N34+	TX	LIC	PORT JERVIS, NY	BLTTTL20070223AHK	228.2
No	WFXV	D34	DT	LIC	UTICA, NY	BLANK0000112314	378.6
No	WPXI	D34	LD	LIC	PITTSBURGH, PA	BLANK0000106623	334.4
Yes	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	184.8
No	W34EV-D	D34	LD	CP	CROZET, VA	BLANK0000008300	275.4
No	WHSV-TV	D34	LD	LIC	Massanutten, VA	BLANK0000120242	252.6
No	WJHJ-LP	D34+	LD	CP	NEWPORT NEWS, ETC., VA	BLANK0000054621	338.9
No	WZTD-LD	D34	LD	LIC	RICHMOND, VA	BLANK0000093220	280.2
No	WSLS-TV	D34	DT	LIC	ROANOKE, VA	BLANK0000081215	431.7
No	WNPB-TV	D34	DT	LIC	MORGANTOWN, WV	BLANK0000106559	272.5
No	W51EG-D	D34	LD	CP	PARKERSBURG, WV	BLANK0000073090	420.5
No	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK0000079780	235.6
No	WENY-TV	D35	DT	LIC	ELMIRA, NY	BLANK0000104138	252.1
No	WJAC-TV	D35	DT	LIC	JOHNSTOWN, PA	BLANK0000080232	210.4
Yes	WGAL	D35	LD	LIC	LANCASTER, PA	BLANK0000120645	54.7
No	WFPA-CD	D35	DC	LIC	PHILADELPHIA, PA	BLANK0000079887	115.7
No	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	113.8
No	W42CK	N42+	TX	LIC	HAGERSTOWN, MD	BLTTTL19991020AAP	107.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34
 Mask: Full Service
 Latitude: 39 54 18.30 N (NAD83)
 Longitude: 76 34 57.20 W
 Height AMSL: 379.1 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: PSI-PSILP120I (ID 1004154) 300.0 deg
 Elev Pattn: Generic

50.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	10.1 kW	213.3 m	48.9 km
45.0	5.77	246.6	47.9
90.0	6.14	190.1	45.0
135.0	6.63	171.2	44.3
180.0	5.40	132.1	40.7
225.0	8.10	151.6	44.1
270.0	13.5	170.5	47.9
315.0	14.7	201.0	50.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 185 m

Distance to Canadian border: 379.6 km

Distance to Mexican border: 2438.5 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 194.0 degrees Distance: 84.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 280.0 degrees Distance: 2427.3 km

Study cell size: 1.00 km
Profile point spacing: 0.20 km

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

Interference to BLANK0000129342 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	

Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	198.9
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
	WTVZ-TV	D33	DT	CP	NORFOLK, VA	BLANK0000117232	375.8
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	0.2
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
32018.0	10,807,935	31034.0	10,506,072	29405.8	10,011,634	29400.7	10,010,052	0.02 0.02

Undesired		Total IX	Unique IX, before		Unique IX, after	
W34FL-D D34 LD APP	8.0	1,779			5.0	1,582
WLIW D32 DT LIC	234.5	165,236	0.0	0	0.0	0
WHP-TV D32 DT LIC	264.4	71,262	199.3	49,501	197.3	49,352
WCCT-TV D33 DT LIC	152.5	103,835	22.9	7,847	22.9	7,847
WHUT-TV D33 DT CP	994.7	173,304	839.9	104,021	838.9	103,973
WQPX-TV D33 DT LIC	37.9	27,444	4.0	1,034	4.0	1,034
WTVZ-TV D33 DT CP	2.0	0	0.0	0	0.0	0
WPXN-TV D34 DT LIC	454.2	287,191	212.7	119,750	212.7	119,750

Interference to BLANK0000129342 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	198.9
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
	WTVZ-TV	D33	DT	CP	NORFOLK, VA	BLANK0000117232	375.8
	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	0.5

WPXN-TV D34 DT LIC NEW YORK, NY BLANK0000086780 128.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
32018.0 10,807,935	31034.0 10,506,072	29404.8 10,011,634	29399.7 10,010,052	0.02 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	8.0 1,779	5.0 1,582	
WLIW D32 DT LIC	234.5 165,236	0.0 0	
WHP-TV D32 DT LIC	264.4 71,262	199.3 49,501	
WCCT-TV D33 DT LIC	152.5 103,835	22.9 7,847	
WHUT-TV D33 DT CP	994.7 173,304	839.9 104,021	
WQPX-TV D33 DT LIC	37.9 27,444	4.0 1,034	
WTVZ-TV D33 DT CP	2.0 0	0.0 0	
WPPX-TV D34 DT BL	1.0 0	1.0 0	
WPXN-TV D34 DT LIC	454.2 287,191	212.7 119,750	

Interference to BLANK0000129342 LIC scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds: W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	198.9
WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
WTVZ-TV	D33	DT	CP	NORFOLK, VA	BLANK0000117232	375.8
WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	0.2
WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
32018.0 10,807,935	31034.0 10,506,072	29799.3 10,058,632	29793.3 10,057,002	0.02 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	8.0 1,779	6.0 1,630	
WLIW D32 DT LIC	234.5 165,236	0.0 0	

WHP-TV D32 DT LIC	264.4	71,262	247.4	66,770	245.4	66,621
WCCT-TV D33 DT LIC	152.5	103,835	41.8	12,957	41.8	12,957
WHUT-TV D33 DT LIC	484.3	70,923	446.3	57,023	446.3	57,023
WQPX-TV D33 DT LIC	37.9	27,444	7.0	3,846	7.0	3,846
WTVZ-TV D33 DT CP	2.0	0	0.0	0	0.0	0
WPXN-TV D34 DT LIC	454.2	287,191	213.7	120,276	213.7	120,276

Interference to BLANK0000129342 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	198.9
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
	WTVZ-TV	D33	DT	CP	NORFOLK, VA	BLANK0000117232	375.8
	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	0.5
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
32018.0 10,807,935	31034.0 10,506,072	29798.3 10,058,632	29792.3 10,057,002	0.02 0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	8.0 1,779	6.0 1,630	
WLIW D32 DT LIC	234.5 165,236	0.0 0	
WHP-TV D32 DT LIC	264.4 71,262	247.4 66,770	
WCCT-TV D33 DT LIC	152.5 103,835	41.8 12,957	
WHUT-TV D33 DT LIC	484.3 70,923	446.3 57,023	
WQPX-TV D33 DT LIC	37.9 27,444	7.0 3,846	
WTVZ-TV D33 DT CP	2.0 0	0.0 0	
WPPX-TV D34 DT BL	1.0 0	1.0 0	
WPXN-TV D34 DT LIC	454.2 287,191	213.7 120,276	

Interference to BLANK0000129342 LIC scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	198.9
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
	WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLANK0000125150	375.8
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	0.2
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	32018.0 10,807,935		31034.0 10,506,072		29405.8 10,011,634	29400.7 10,010,052	0.02 0.02
Undesired				Total IX	Unique IX, before	Unique IX, after	
W34FL-D D34 LD APP		8.0		1,779		5.0 1,582	
WLIW D32 DT LIC		234.5		165,236	0.0 0	0.0 0	
WHP-TV D32 DT LIC		264.4		71,262	199.3 49,501	197.3 49,352	
WCCT-TV D33 DT LIC		152.5		103,835	22.9 7,847	22.9 7,847	
WHUT-TV D33 DT CP		994.7		173,304	839.9 104,021	838.9 103,973	
WQPX-TV D33 DT LIC		37.9		27,444	4.0 1,034	4.0 1,034	
WTVZ-TV D33 DT LIC		2.0		0	0.0 0	0.0 0	
WPXN-TV D34 DT LIC		454.2		287,191	212.7 119,750	212.7 119,750	

Interference to BLANK0000129342 LIC scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1

WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	198.9
WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLANK0000125150	375.8
WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	0.5
WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
32018.0	10,807,935	31034.0	10,506,072	29404.8	10,011,634	29399.7	10,010,052	0.02	0.02

Undesired		Total IX	Unique IX, before		Unique IX, after	
W34FL-D D34 LD APP	8.0	1,779			5.0	1,582
WLIW D32 DT LIC	234.5	165,236	0.0	0	0.0	0
WHP-TV D32 DT LIC	264.4	71,262	199.3	49,501	197.3	49,352
WCCT-TV D33 DT LIC	152.5	103,835	22.9	7,847	22.9	7,847
WHUT-TV D33 DT CP	994.7	173,304	839.9	104,021	838.9	103,973
WQPX-TV D33 DT LIC	37.9	27,444	4.0	1,034	4.0	1,034
WTVZ-TV D33 DT LIC	2.0	0	0.0	0	0.0	0
WPPX-TV D34 DT BL	1.0	0	1.0	0	1.0	0
WPXN-TV D34 DT LIC	454.2	287,191	212.7	119,750	212.7	119,750

Interference to BLANK0000129342 LIC scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	198.9
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
	WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLANK0000125150	375.8
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	0.2
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
32018.0	10,807,935	31034.0	10,506,072	29799.3	10,058,632	29793.3	10,057,002	0.02	0.02

Undesired		Total IX	Unique IX, before		Unique IX, after	
W34FL-D D34 LD APP	8.0	1,779			6.0	1,630
WLIW D32 DT LIC	234.5	165,236	0.0	0	0.0	0
WHP-TV D32 DT LIC	264.4	71,262	247.4	66,770	245.4	66,621
WCCT-TV D33 DT LIC	152.5	103,835	41.8	12,957	41.8	12,957
WHUT-TV D33 DT LIC	484.3	70,923	446.3	57,023	446.3	57,023
WQPX-TV D33 DT LIC	37.9	27,444	7.0	3,846	7.0	3,846
WTVZ-TV D33 DT LIC	2.0	0	0.0	0	0.0	0
WPXN-TV D34 DT LIC	454.2	287,191	213.7	120,276	213.7	120,276

Interference to BLANK0000129342 LIC scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.2 km
	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	128.0
	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	142.2
	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000080031	274.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	198.9
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	160.1
	WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLANK0000125150	375.8
	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	0.5
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	128.0

Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX	
32018.0 10,807,935	31034.0 10,506,072	29798.3 10,058,632		29792.3 10,057,002		0.02 0.02	

Undesired		Total IX	Unique IX, before		Unique IX, after	
W34FL-D D34 LD APP	8.0	1,779			6.0	1,630
WLIW D32 DT LIC	234.5	165,236	0.0	0	0.0	0
WHP-TV D32 DT LIC	264.4	71,262	247.4	66,770	245.4	66,621
WCCT-TV D33 DT LIC	152.5	103,835	41.8	12,957	41.8	12,957
WHUT-TV D33 DT LIC	484.3	70,923	446.3	57,023	446.3	57,023
WQPX-TV D33 DT LIC	37.9	27,444	7.0	3,846	7.0	3,846
WTVZ-TV D33 DT LIC	2.0	0	0.0	0	0.0	0

WPPX-TV D34 DT BL	1.0	0	1.0	0	1.0	0
WPXN-TV D34 DT LIC	454.2	287,191	213.7	120,276	213.7	120,276

Interference to BLANK0000079826 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK0000079826	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.5 km
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	1.2
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	200.0
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	327.7
	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	300.3
	WLSL-TV	D34	DT	LIC	ROANOKE, VA	BLANK0000081215	330.7
	WNPB-TV	D34	DT	LIC	MORGANTOWN, WV	BLANK0000106559	245.3
	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25115.9 8,189,633	24166.0 8,133,743	24010.0 8,122,669	23660.8 8,088,200	1.45 0.42

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	382.8 35,944	349.1 34,469	
WHUT-TV D33 DT CP	4.0 157	1.0 0	
WPPX-TV D34 DT CP	56.6 2,190	42.7 1,817	
WPXN-TV D34 DT LIC	1.0 20	0.0 0	
WSWB D34 DT LIC	5.9 204	0.0 0	
WLSL-TV D34 DT LIC	32.0 1,082	16.0 498	
WNPB-TV D34 DT LIC	77.4 8,398	59.5 7,728	
WPXW-TV D35 DT LIC	11.9 192	7.0 35	

Interference to BLANK0000079826 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK0000079826	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.5 km

WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	1.2
WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	200.1
WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	327.7
WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	300.3
WSLS-TV	D34	DT	LIC	ROANOKE, VA	BLANK0000081215	330.7
WNPB-TV	D34	DT	LIC	MORGANTOWN, WV	BLANK0000106559	245.3
WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25115.9 8,189,633	24166.0 8,133,743	24019.9 8,123,144	23664.8 8,088,349	1.48 0.43

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	382.8 35,944	355.1 34,795	
WHUT-TV D33 DT CP	4.0 157	1.0 0	
WPPX-TV D34 DT BL	45.7 1,699	32.8 1,342	
WPXN-TV D34 DT LIC	1.0 20	0.0 0	
WSWB D34 DT LIC	5.9 204	0.0 0	
WSLS-TV D34 DT LIC	32.0 1,082	16.0 498	
WNPB-TV D34 DT LIC	77.4 8,398	59.5 7,728	
WPXW-TV D35 DT LIC	11.9 192	7.0 35	

Interference to BLANK0000079826 LIC scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK0000079826	
Undesireds: W34FL-D	D34	LD	APP	Harrisburg, PA		115.5 km
WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	200.0
WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	327.7
WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	300.3
WSLS-TV	D34	DT	LIC	ROANOKE, VA	BLANK0000081215	330.7
WNPB-TV	D34	DT	LIC	MORGANTOWN, WV	BLANK0000106559	245.3
WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25115.9 8,189,633	24166.0 8,133,743	24010.9 8,122,669	23661.8 8,088,200	1.45 0.42

Undesired			Total IX	Unique IX, before	Unique IX, after	
W34FL-D D34 LD APP	382.8		35,944		349.1	34,469
WPPX-TV D34 DT CP	56.6		2,190	42.7 1,817	29.9	1,013
WPXN-TV D34 DT LIC	1.0		20	0.0 0	0.0	0
WSWB D34 DT LIC	5.9		204	0.0 0	0.0	0
WSLS-TV D34 DT LIC	32.0		1,082	16.0 498	16.0	498
WNPB-TV D34 DT LIC	77.4		8,398	59.5 7,728	53.6	7,442
WPXW-TV D35 DT LIC	11.9		192	8.0 35	6.0	35

Interference to BLANK0000079826 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK0000079826	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.5 km
	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	200.1
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	327.7
	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	300.3
	WSLS-TV	D34	DT	LIC	ROANOKE, VA	BLANK0000081215	330.7
	WNPB-TV	D34	DT	LIC	MORGANTOWN, WV	BLANK00000106559	245.3
	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25115.9 8,189,633	24166.0 8,133,743	24020.9 8,123,144	23665.8 8,088,349	1.48 0.43

Undesired			Total IX	Unique IX, before	Unique IX, after	
W34FL-D D34 LD APP	382.8		35,944		355.1	34,795
WPPX-TV D34 DT BL	45.7		1,699	32.8 1,342	25.9	864
WPXN-TV D34 DT LIC	1.0		20	0.0 0	0.0	0
WSWB D34 DT LIC	5.9		204	0.0 0	0.0	0
WSLS-TV D34 DT LIC	32.0		1,082	16.0 498	15.0	498
WNPB-TV D34 DT LIC	77.4		8,398	59.5 7,728	53.6	7,442
WPXW-TV D35 DT LIC	11.9		192	8.0 35	6.0	35

Interference to BLANK0000034931 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000034931	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		115.4 km
	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK00000129342	0.2
	WTIC-TV	D34	DT	LIC	HARTFORD, CT	BLANK00000080032	273.8
	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK00000079826	200.0
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK00000086780	127.8
	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK00000079375	160.1
	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK00000079780	127.8

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	20621.5	7,965,284	19907.0	7,682,390	17138.5	6,918,564	17061.1	6,908,692	0.45 0.14

Undesired				Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	300.0			38,449	77.3	9,872
WPSG D33 DT LIC	440.2			68,974	277.8	47,239
WTIC-TV D34 DT LIC	1.0			260	0.0	0
WRC-TV D34 DT LIC	545.1			151,878	195.7	22,102
WPXN-TV D34 DT LIC	2250.2			657,868	1612.7	468,593
WSWB D34 DT LIC	103.8			71,758	18.0	13,031
WNJU D35 DT LIC	238.6			83,564	0.0	0

Interference to BLANK0000079375 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		184.8 km
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK00000080158	0.2
	WTIC-TV	D34	DT	LIC	HARTFORD, CT	BLANK00000080032	242.7
	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK00000079826	300.3
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK00000034931	160.1
	WKBW-TV	D34	DT	LIC	BUFFALO, NY	BLANK00000134785	273.5
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK00000086780	164.7
	WFXV	D34	DT	LIC	UTICA, NY	BLANK00000112314	195.3
	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK00000079780	164.7

WENY-TV	D35	DT	LIC	ELMIRA, NY		BLANK0000104138	136.6
Service area			Terrain-limited		IX-free, before	IX-free, after	Percent New IX
23028.7	1,531,662	19909.0	1,183,187	18898.1	1,124,366	18897.1 1,124,366	0.01 0.00
Undesired			Total IX	Unique IX, before	Unique IX, after		
W34FL-D D34 LD APP	30.8		309		1.0 0		
WQPX-TV D33 DT LIC	58.1		674	57.1 579	57.1 579		
WTIC-TV D34 DT LIC	34.2		2,342	6.0 331	6.0 331		
WRC-TV D34 DT LIC	89.1		11,107	22.1 6,068	17.1 6,068		
WPPX-TV D34 DT CP	556.2		37,315	260.0 14,357	259.0 14,357		
WKBW-TV D34 DT LIC	69.1		1,698	27.0 815	27.0 815		
WPXN-TV D34 DT LIC	554.8		32,208	256.4 12,189	256.4 12,189		
WFXV D34 DT LIC	68.0		2,331	29.0 734	29.0 734		
WNJU D35 DT LIC	3.0		0	0.0 0	0.0 0		
WENY-TV D35 DT LIC	11.0		230	2.0 131	2.0 131		

Interference to BLANK0000079375 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK0000079375	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		184.8 km
	WQPX-TV	D33	DT	LIC	SCRANTON, PA	BLANK0000080158	0.2
	WTIC-TV	D34	DT	LIC	HARTFORD, CT	BLANK0000080032	242.7
	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK0000079826	300.3
	WPPX-TV	D34	DT	BL	WILMINGTON, DE	DTVBL51984	160.4
	WKBW-TV	D34	DT	LIC	BUFFALO, NY	BLANK0000134785	273.5
	WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK0000086780	164.7
	WFXV	D34	DT	LIC	UTICA, NY	BLANK0000112314	195.3
	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK0000079780	164.7
	WENY-TV	D35	DT	LIC	ELMIRA, NY	BLANK0000104138	136.6

Service area			Terrain-limited		IX-free, before	IX-free, after	Percent New IX
23028.7	1,531,662	19909.0	1,183,187	18933.0	1,127,321	18933.0 1,127,321	0.00 0.00
Undesired			Total IX	Unique IX, before	Unique IX, after		

W34FL-D D34 LD APP	30.8	309			0.0	0
WQPX-TV D33 DT LIC	58.1	674	57.1	579	57.1	579
WTIC-TV D34 DT LIC	34.2	2,342	5.0	267	5.0	267
WRC-TV D34 DT LIC	89.1	11,107	22.1	6,009	16.1	5,865
WPPX-TV D34 DT BL	499.2	31,890	225.1	11,402	223.1	11,402
WKBW-TV D34 DT LIC	69.1	1,698	28.0	815	28.0	815
WPXN-TV D34 DT LIC	554.8	32,208	268.4	14,328	267.4	14,328
WFXV D34 DT LIC	68.0	2,331	28.9	734	28.9	734
WNJU D35 DT LIC	3.0	0	0.0	0	0.0	0
WENY-TV D35 DT LIC	11.0	230	2.0	131	2.0	131

Interference to BLANK0000120645 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGAL	D35	LD	LIC	LANCASTER, PA	BLANK0000120645	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		54.7 km
	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK0000079780	244.7
	WENY-TV	D35	DT	LIC	ELMIRA, NY	BLANK0000104138	200.4
	WWLF-LD	D35z	LD	LIC	SYRACUSE, NY	BLANK0000120990	307.1
	WJAC-TV	D35	DT	LIC	JOHNSTOWN, PA	BLANK0000080232	179.0
	WFPA-CD	D35	DC	LIC	PHILADELPHIA, PA	BLANK0000079887	142.7
	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	154.9
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	155.5
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	0.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	
	10209.1	1,463,037	8718.1	1,352,681	8334.8	1,304,621	8322.7
							1,303,487
							Percent New IX
							0.14 0.09

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP	20.1 2,066	12.1 1,134	
WNJU D35 DT LIC	30.0 1,985	15.0 557	
WENY-TV D35 DT LIC	2.0 68	0.0 0	
WJAC-TV D35 DT LIC	41.0 6,425	15.0 4,361	
WFPA-CD D35 DC LIC	14.0 1,935	2.0 0	
WPXW-TV D35 DT LIC	200.2 21,380	146.2 16,619	
WITF-TV D36 DT CP	161.0 21,255	142.0 20,942	

Interference to BLANK0000120645 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGAL	D35	LD	LIC	LANCASTER, PA	BLANK0000120645	
Undesireds:	W34FL-D	D34	LD	APP	Harrisburg, PA		54.7 km
	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK0000079780	244.7
	WENY-TV	D35	DT	LIC	ELMIRA, NY	BLANK0000104138	200.4
	WWLF-LD	D35z	LD	LIC	SYRACUSE, NY	BLANK0000120990	307.1
	WJAC-TV	D35	DT	LIC	JOHNSTOWN, PA	BLANK0000080232	179.0
	WFPA-CD	D35	DC	LIC	PHILADELPHIA, PA	BLANK0000079887	142.7
	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	154.9
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	155.5
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	0.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
10209.1 1,463,037	8718.1 1,352,681	8446.9 1,324,345	8432.8 1,323,159	0.17 0.09

Undesired	Total IX	Unique IX, before	Unique IX, after
W34FL-D D34 LD APP 20.1	2,066	14.1 1,186	
WNJU D35 DT LIC 30.0	1,985	15.0 557	
WENY-TV D35 DT LIC 2.0	68	0.0 0	
WJAC-TV D35 DT LIC 41.0	6,425	16.0 4,361	
WFPA-CD D35 DC LIC 14.0	1,935	3.0 443	
WPXW-TV D35 DT LIC 200.2	21,380	152.2 16,715	
WITF-TV D36 DT LIC 40.9	1,435	31.9 1,270	

Interference to proposal scenario 1
9.27% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W34FL-D	D34	LD	APP	Harrisburg, PA		
Undesireds:	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BLANK0000035679	114.4 km
	WPSG	D33	DT	LIC	PHILADELPHIA, PA	BLANK0000129342	115.2

WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK00000079826	115.5
WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK00000034931	115.4
WPXN-TV	D34	DT	LIC	NEW YORK, NY	BLANK00000086780	235.6
WHTV-LD	D34+	LD	LIC	PORT JERVIS, NY	BLANK00000048491	220.2
WSWB	D34	DT	LIC	SCRANTON, PA	BLANK00000079375	184.8
WGAL	D35	LD	LIC	LANCASTER, PA	BLANK00000120645	54.7

Service area	Terrain-limited	IX-free	Percent IX
6682.4 1,335,234	5999.9 1,132,191	5358.4 1,027,218	10.69 9.27

Undesired	Total IX	Unique IX	Prcnt Unique IX
WPSG D33 DT LIC	1.0 248	0.0 0	0.00 0.00
WRC-TV D34 DT LIC	570.3 92,808	474.2 73,791	7.90 6.52
WPPX-TV D34 DT CP	144.4 20,903	52.2 5,102	0.87 0.45
WPXN-TV D34 DT LIC	9.0 927	0.0 0	0.00 0.00
WSWB D34 DT LIC	8.9 936	5.9 420	0.10 0.04
WGAL D35 LD LIC	17.0 11,535	7.0 4,876	0.12 0.43