

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WPSJ-CD COR CHG DIE, Model: Longley-Rice
Start: 2022.06.03 09:49:15

Study created: 2022.06.03 09:49:15

Study build station data: LMS TV 2022-04-20

Proposal: WPSJ-CD D27 DC APP PHILADELPHIA, PA
File number: WPSJ-CD ANT CHG DIE
Facility ID: 167543
Station data: User record
Record ID: 840
Country: U.S.

Build options:
Protect LPTV records from Class A

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	143.9 km
No	WRDE-LD	D26	LD	LIC	Salisbury, MD	BLANK0000138066	174.0
Yes	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	47.8
Yes	WQAV-CD	D26	DC	CP	GLASSBORO, NJ	BLANK0000164899	0.0
No	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	132.0
No	WYXN-LD	D26	LD	LIC	NEW YORK, NY	BLDTL20091123AAX	134.9
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	154.6
No	W26DC-D	D26	LD	LIC	ROSLYN, NY	BLDTT20140310ADR	157.4
No	WYLN-LP	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	120.0
No	WNEP-TV	D26	LD	LIC	SCRANTON, PA	BLANK0000119038	177.7
No	WUNI	D27	DT	LIC	MARLBOROUGH, MA	BLANK0000030092	407.3
No	WUNI	D27	DT	CP	MARLBOROUGH, MA	BLANK0000035720	419.9
Yes	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	144.0
No	WUNP-TV	D27	DT	LIC	ROANOKE RAPIDS, NC	BLANK0000121047	474.4
No	WWAX-LD	D27	LD	LIC	WESTMORELAND, NH	BLANK0000152179	331.9
Yes	W27EC-D	D27+	LD	LIC	BELVIDERE, NJ	BLANK0000058689	82.6
No	WNYT	D27	LD	LIC	ALBANY, NY	BLANK0000155446	333.5
No	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	232.4
Yes	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	127.9
No	WMJQ-CD	D27	DC	LIC	SYRACUSE, NY	BLANK0000121173	344.4
No	WYJH-LD	D27	LD	LIC	WHITE LAKE, NY	BLANK0000112742	197.4
No	WYJH-LD	D27	LD	CP	WHITE LAKE, NY	BLANK0000181295	214.8
No	WQLN	D27	DT	LIC	ERIE, PA	BLANK0000083708	461.9
No	WOLF-TV	D27	LD	LIC	HAZLETON, PA	BLANK0000155439	177.8
No	WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000112576	388.7
No	WTAE-TV	D27	DT	CP	PITTSBURGH, PA	BLANK0000127499	388.7
No	WRZH-LD	N27+	TX	LIC	RED LION-HARRISBURG, PA	BLTTL19870929IH	97.3
No	WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	251.3
No	WJGN-CD	D27	DC	LIC	CHESAPEAKE, VA	BLANK0000097777	366.3
No	W08EE-D	D27	LD	CP	MARTINSBURG, WV	BLANK0000054634	249.9
No	W27EI-D	D27	LD	LIC	MOOREFIELD, WV	BLANK0000081243	336.0
No	WHPX-TV	D28	DT	LIC	NEW LONDON, CT	BLANK0000080171	274.0
No	WFPT	D28	DT	LIC	FREDERICK, MD	BLANK0000160164	197.5
No	WGDV-LD	D28	LD	LIC	SALISBURY, MD	BLANK0000125653	176.1
No	WNYJ-LD	D28-	LD	APP	New York, NY	BLANK0000168079	213.9
No	W25FA-D	D28	LD	CP	New york, NY	BLANK0000127436	151.1
No	WEPT-CD	D28	DC	LIC	NEWBURGH, NY	BLANK0000100341	213.9
No	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	0.3
No	WBRE-TV	D28	LD	LIC	WILKES-BARRE, PA	BLCDT20091211ADO	177.8
No	WHTV-LD	N34+	TX	LIC	New York, NY	BLTTL20070223AHK	154.6

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:
WNWR 1540 L DA2 D PHILADELPHIA, PA BMML20171220ACU
WNWR 1540 L DA2 N PHILADELPHIA, PA BMML20171220ACU

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 40 2 19.70 N (NAD83)
Longitude: 75 14 12.80 W
Height AMSL: 224.8 m
HAAT: 0.0 m
Peak ERP: 8.50 kW
Antenna: DIE DLP-8D/VP 150.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.06 kW	154.5 m	34.5 km
45.0	1.00	121.4	32.1
90.0	3.31	177.6	41.9
135.0	7.95	208.1	48.1
180.0	6.60	188.9	46.1
225.0	2.10	136.5	36.9
270.0	0.740	106.0	29.2
315.0	1.23	182.0	36.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 159 m

Distance to Canadian border: 419.6 km

Distance to Mexican border: 2543.4 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 234.9 degrees Distance: 166.8 km

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: 1.00 km
Profile point spacing: 0.10 km

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

Interference to BLANK000079835 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	0.7 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	47.8
	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	161.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
3577.6	3,169,971	3576.6	3,169,835	3571.6	3,169,694	3570.6 3,169,240	0.03 0.01
Undesired				Total IX	Unique IX, before	Unique IX, after	
WPSJ-CD D27 DC BL				0.0	0	0	
WPSJ-CD D27 DC APP				1.0	454	1.0 454	
WBFF D26 DT LIC				5.0	141	5.0 141	

Interference to BLANK0000164899 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WQAV-CD	D26	DC	CP	GLASSBORO, NJ	BLANK0000164899	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	48.1 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	0.0
	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	143.9
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	132.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
7197.7 5,251,586	7078.6 5,215,414	6873.9 5,085,944	6876.9 5,086,020	-0.04 -0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WPSJ-CD D27 DC BL	3.0 76	3.0 76		
WPSJ-CD D27 DC APP	0.0 0		0.0 0	
WBFF D26 DT LIC	73.3 58,596	32.1 19,403	32.1 19,403	
WFUT-DT D26 DT LIC	169.6 109,991	128.3 70,798	128.3 70,798	

Interference to BLANK0000136334 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	160.9 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	144.0
	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	0.2
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	161.4
	WUNP-TV	D27	DT	LIC	ROANOKE RAPIDS, NC	BLANK0000121047	353.9
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	308.8
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	271.8
	WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000112576	288.9
	WPXR-TV	D27	DT	LIC	ROANOKE, VA	BLANK0000081460	386.8
	WFPT	D28	DT	LIC	FREDERICK, MD	BLANK0000160164	57.5
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	144.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
29683.0 9,187,144	28791.6 9,031,341	28322.2 8,896,200	28152.0 8,898,881	0.60 -0.03
Undesired	Total IX	Unique IX, before	Unique IX, after	
WPSJ-CD D27 DC BL	42.3 33,477	8.1 9,004		
WPSJ-CD D27 DC APP	396.8 68,244		178.3 6,323	
WBFF D26 DT LIC	1.0 21	1.0 21	1.0 21	
WUNP-TV D27 DT LIC	6.0 7,631	4.0 1,635	4.0 1,635	
WIVT D27 DT LIC	21.1 8,940	13.1 6,145	13.1 6,145	
WNYW D27 DT LIC	27.1 10,079	17.1 7,273	15.1 6,996	
WPXR-TV D27 DT LIC	3.0 8,019	1.0 2,023	1.0 2,023	
WFPT D28 DT LIC	163.7 22,696	163.7 22,696	163.7 22,696	
WCAU D28 DT LIC	251.4 77,553	215.1 53,069	34.0 15,909	

Interference to BLANK0000058689 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W27EC-D	D27+	LD	LIC	BELVIDERE, NJ	BLANK0000058689	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	117.4 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	82.6
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	116.7
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	90.8
	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	73.4
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	209.0
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	161.0
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	88.7
	WYJH-LD	D27	LD	LIC	WHITE LAKE, NY	BLANK0000112742	117.6
	WEPT-CD	D28	DC	LIC	NEWBURGH, NY	BLANK0000100341	138.1
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	82.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4777.7 859,212	3580.8 646,218	3202.1 595,551	3202.1 595,551	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WPSJ-CD D27 DC BL	0.0 0	0.0 0		
WPSJ-CD D27 DC APP	77.8 3,837		0.0 0	
WFUT-DT D26 DT LIC	6.0 650	0.0 0	0.0 0	
WMAR-TV D27 DT LIC	164.5 20,064	54.8 8,889	53.8 8,694	
WIVT D27 DT LIC	83.8 6,137	8.0 951	7.0 905	
WNYW D27 DT LIC	262.0 36,058	129.4 22,767	128.4 22,701	
WYJH-LD D27 LD LIC	34.0 3,433	9.9 1,738	9.9 1,738	
WCAU D28 DT LIC	107.7 6,243	11.0 801	7.0 531	

Interference to BLANK0000058689 LIC scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	W27EC-D	D27+	LD	LIC	BELVIDERE, NJ	BLANK0000058689	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	117.4 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	82.6
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	116.7
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	90.8
	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	73.4
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	209.0
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	161.0
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	88.7
	WEPT-CD	D28	DC	LIC	NEWBURGH, NY	BLANK0000100341	138.1
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	82.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
4777.7	859,212	3580.8	646,218	3212.1	597,289	3212.1	597,289	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WPSJ-CD D27 DC BL	0.0	0	0.0	0
WPSJ-CD D27 DC APP	77.8	3,837		0.0 0
WFUT-DT D26 DT LIC	6.0	650	0.0	0.0 0
WMAR-TV D27 DT LIC	164.5	20,064	70.8	10,061 69.9 9,866
WIVT D27 DT LIC	83.8	6,137	8.0	951 7.0 905
WNYW D27 DT LIC	262.0	36,058	130.4	22,834 129.4 22,768
WCAU D28 DT LIC	107.7	6,243	11.0	801 7.0 531

Interference to BLANK0000079881 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	130.2 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	127.9
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	129.5
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	4.6
	WUNI	D27	DT	LIC	MARLBOROUGH, MA	BLANK0000030092	280.1
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	271.8
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	219.9
	WHPX-TV	D28	DT	LIC	NEW LONDON, CT	BLANK0000080171	147.9
	WEPT-CD	D28	DC	LIC	NEWBURGH, NY	BLANK0000100341	111.8
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	127.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
26438.4	20,065,032	25047.3	19,770,351	24214.8	19,622,808	24115.5	19,529,147	0.41 0.48

Undesired		Total IX	Unique IX, before	Unique IX, after
WPSJ-CD D27 DC BL	173.7	21,494	7.0	832
WPSJ-CD D27 DC APP	618.2	178,455		106.3 94,493
WFUT-DT D26 DT LIC	31.1	13,936	31.1	13,936 31.1 13,936
WUNI D27 DT LIC	5.0	1,365	1.0	0 1.0 0
WMAR-TV D27 DT LIC	271.2	26,182	107.1	13,277 98.1 12,674
WIVT D27 DT LIC	49.1	6,263	14.0	1,414 13.0 1,049
WHPX-TV D28 DT LIC	20.8	9,849	19.8	8,899 19.8 8,899
WEPT-CD D28 DC LIC	62.4	13,231	46.3	10,561 46.3 10,561
WCAU D28 DT LIC	573.9	93,379	311.4	65,975 66.0 10,256

Interference to BLANK0000079881 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	130.2 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	127.9
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	129.5
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	4.6
	WUNI	D27	DT	CP	MARLBOROUGH, MA	BLANK0000035720	292.1
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	271.8
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	219.9
	WHPX-TV	D28	DT	LIC	NEW LONDON, CT	BLANK0000080171	147.9
	WEPT-CD	D28	DC	LIC	NEWBURGH, NY	BLANK0000100341	111.8
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	127.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
26438.4	20,065,032	25047.3	19,770,351	24212.8	19,620,506	24113.5	19,526,845	0.41 0.48

Undesired				Total IX	Unique IX, before	Unique IX, after
WPSJ-CD D27 DC BL	173.7	21,494	7.0	832		
WPSJ-CD D27 DC APP	618.2	178,455			106.3	94,493
WFUT-DT D26 DT LIC	31.1	13,936	31.1	13,936	31.1	13,936
WUNI D27 DT CP	11.0	4,151	3.0	2,302	3.0	2,302
WMAR-TV D27 DT LIC	271.2	26,182	107.1	13,277	98.1	12,674
WIVT D27 DT LIC	49.1	6,263	14.0	1,414	13.0	1,049
WHPX-TV D28 DT LIC	20.8	9,849	15.9	8,415	15.9	8,415
WEPT-CD D28 DC LIC	62.4	13,231	46.3	10,561	46.3	10,561
WCAU D28 DT LIC	573.9	93,379	311.4	65,975	66.0	10,256

Interference to BLANK0000079881 LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	130.2 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	127.9
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	129.5
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	4.6
	WUNI	D27	DT	LIC	MARLBOROUGH, MA	BLANK0000030092	280.1
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	271.8
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	219.9
	WHPX-TV	D28	DT	LIC	NEW LONDON, CT	BLANK0000080171	147.9
	WEPT-CD	D28	DC	APP	NEWBURGH, NY	BLANK0000164913	76.3
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	127.6
Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX
26438.4	20,065,032	25047.3	19,770,351	24253.1	19,629,544	24153.8 19,535,883	0.41 0.48

Undesired				Total IX	Unique IX, before	Unique IX, after
WPSJ-CD D27 DC BL	173.7	21,494	7.0	832		
WPSJ-CD D27 DC APP	618.2	178,455			106.3	94,493
WFUT-DT D26 DT LIC	31.1	13,936	31.1	13,936	31.1	13,936
WUNI D27 DT LIC	5.0	1,365	2.0	346	2.0	346
WMAR-TV D27 DT LIC	271.2	26,182	112.1	13,607	103.1	13,004
WIVT D27 DT LIC	49.1	6,263	22.1	3,037	21.1	2,672
WHPX-TV D28 DT LIC	20.8	9,849	19.8	8,899	19.8	8,899
WEPT-CD D28 DC APP	8.1	3,825	8.1	3,825	8.1	3,825
WCAU D28 DT LIC	573.9	93,379	311.4	65,975	66.0	10,256

Interference to BLANK0000079881 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	
Undesireds:	WPSJ-CD	D27	DC	BL	PHILADELPHIA, PA	DTVBL167543	130.2 km
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	127.9
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	129.5
	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	4.6
	WUNI	D27	DT	CP	MARLBOROUGH, MA	BLANK0000035720	292.1
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	271.8
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	219.9
	WHPX-TV	D28	DT	LIC	NEW LONDON, CT	BLANK0000080171	147.9
	WEPT-CD	D28	DC	APP	NEWBURGH, NY	BLANK0000164913	76.3
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	127.6
Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX
26438.4	20,065,032	25047.3	19,770,351	24251.0	19,627,242	24151.8 19,533,581	0.41 0.48

Undesired				Total IX	Unique IX, before	Unique IX, after
WPSJ-CD D27 DC BL	173.7	21,494	7.0	832		
WPSJ-CD D27 DC APP	618.2	178,455			106.3	94,493
WFUT-DT D26 DT LIC	31.1	13,936	31.1	13,936	31.1	13,936
WUNI D27 DT CP	11.0	4,151	4.0	2,648	4.0	2,648
WMAR-TV D27 DT LIC	271.2	26,182	112.1	13,607	103.1	13,004
WIVT D27 DT LIC	49.1	6,263	22.1	3,037	21.1	2,672
WHPX-TV D28 DT LIC	20.8	9,849	15.9	8,415	15.9	8,415
WEPT-CD D28 DC APP	8.1	3,825	8.1	3,825	8.1	3,825
WCAU D28 DT LIC	573.9	93,379	311.4	65,975	66.0	10,256

Interference to proposal scenario 1
37.65% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	
Undesireds:	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	47.8 km
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	144.0
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	127.9
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	0.3
Service area		Terrain-limited		IX-free		Percent IX	
4716.3	4,545,464	4627.1	4,512,870	1849.4	2,813,959	60.03	37.65
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WQAV-CD	D26 DC LIC	1.0	55	0.0	0	0.00	0.00
WMAR-TV	D27 DT LIC	145.4	77,164	1.0	9	0.02	0.00
WNYW	D27 DT LIC	97.3	74,438	1.0	634	0.02	0.01
WCAU	D28 DT LIC	2775.7	1,698,268	2573.1	1,574,813	55.61	34.90

Interference to proposal scenario 2
37.65% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPSJ-CD	D27	DC	APP	PHILADELPHIA, PA	WPSJ-CD ANT CHG DIE	
Undesireds:	WQAV-CD	D26	DC	CP	GLASSBORO, NJ	BLANK0000164899	0.0 km
	WMAR-TV	D27	DT	LIC	BALTIMORE, MD	BLANK0000136334	144.0
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	127.9
	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	0.3
Service area		Terrain-limited		IX-free		Percent IX	
4716.3	4,545,464	4627.1	4,512,870	1849.4	2,813,959	60.03	37.65
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WQAV-CD	D26 DC CP	11.0	2,402	0.0	0	0.00	0.00
WMAR-TV	D27 DT LIC	145.4	77,164	1.0	9	0.02	0.00
WNYW	D27 DT LIC	97.3	74,438	1.0	634	0.02	0.01
WCAU	D28 DT LIC	2775.7	1,698,268	2563.1	1,572,466	55.39	34.84