

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WNLO_SITE_CHANNEL_CHG_TFU_29ETT_DEFAULT_VPAT_WO_WUTV_36, Model: Longley-Rice
Start: 2019.06.19 12:13:13

Study created: 2019.06.19 12:13:12

Study build station data: LMS TV 2019-06-13

Proposal: WNLO D36 DT APP BUFFALO, NY
File number: WNLO_SITE_CHANNEL_CHG_TFU_29ETT_DEFAULT_VPAT
Facility ID: 71905
Station data: User record
Record ID: 701
Country: U.S.
Zone: I

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

Individual records excluded:
0000034378 WUTV D36 DT CP BUFFALO, NY BLANK0000034378
415 WUTV D36 DT BL BUFFALO, NY DTVBL415

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WENY-TV	D35	DT	CP	ELMIRA, NY	BLANK0000034793	139.5 km
No	WJAC-TV	D35	DT	CP	JOHNSTOWN, PA	BLANK0000027312	256.0
No	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	431.5
No	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000068634	430.2
No	WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899	446.0
No	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	439.7

No	WCFE-TV	D36	DT	CP	PLATTSBURGH, NY	BLANK0000034025	443.2
Yes	WSPX-TV	D36	DT	CP	SYRACUSE, NY	BLANK0000068027	214.5
Yes	WQHS-DT	D36	DT	CP	CLEVELAND, OH	BLANK0000063135	290.9
No	WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	419.3
Yes	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	271.4
Yes	WITF-TV	D36	DT	APP	HARRISBURG, PA	BLANK0000035782	295.8
Yes	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	295.8
No	WWLM-CD	D36	DC	CP	WASHINGTON, PA	BLANK0000027840	305.3
Yes	CHCJ-DT	D35	DT	LIC	HAMILTON, ON	BLANKCANADA174	118.8
No	CFTO-DT-54	D35	DT	LIC	PETERBOROUGH, ON	BLANKCANADA214	198.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36
 Latitude: 42 39 33.00 N (NAD83)
 Longitude: 78 37 32.00 W
 Height AMSL: 813.0 m
 HAAT: 415.0 m
 Peak ERP: 800 kW
 Antenna: DIE TFU_29ETT_VP_R_3T170_AZ_FCC_FILE 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

40.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	742 kW	481.9 m	110.6 km
45.0	352	446.9	100.3
90.0	288	409.8	96.0
135.0	771	336.7	98.6

180.0	211	332.9	87.4
225.0	504	392.9	99.5
270.0	593	435.5	104.4
315.0	199	483.1	98.1

**Proposal is within coordination distance of Canadian border
Distance to Canadian border: 31.5 km

Distance to Mexican border: 2477.4 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 75.2 degrees Distance: 114.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 271.9 degrees Distance: 2225.6 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 BLANK0000034793 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WENY-TV	D35	DT	CP	ELMIRA, NY	BLANK0000034793	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	139.5 km

WKBW-TV	D34	DT	CP	BUFFALO, NY	BLANK0000034829	138.1
WSWB	D34	DT	CP	SCRANTON, PA	BLANK0000034421	136.6
WNJU	D35	DT	CP	LINDEN, NJ	BLANK0000053139	300.7
WNYF-CD	D35	DC	LIC	WATERTOWN, NY	BLDTL20090924ABW	229.3
WJAC-TV	D35	DT	CP	JOHNSTOWN, PA	BLANK0000027312	253.1
WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	353.3
WSPX-TV	D36	DT	CP	SYRACUSE, NY	BLANK0000068027	124.1
CHCJ-DT	D35	DT	LIC	HAMILTON, ON	BLANKCANADA174	257.5
CFTO-DT-54	D35	DT	LIC	PETERBOROUGH, ON	BLANKCANADA214	281.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
21375.8 656,240	18338.3 517,754	17892.5 511,755	17880.5 511,715	0.07 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP 64.1 456	12.0 40		
WKBW-TV D34 DT CP 84.1 685	44.1 458	16.0 288	
WSWB D34 DT CP 12.1 104	8.0 96	8.0 96	
WNJU D35 DT CP 52.2 749	32.1 556	32.1 556	
WNYF-CD D35 DC LIC 44.1 723	32.0 592	32.0 592	
WJAC-TV D35 DT CP 273.5 1,580	213.3 1,120	213.3 1,120	
WPXW-TV D35 DT CP 8.1 0	4.0 0	4.0 0	
WSPX-TV D36 DT CP 8.0 1,698	8.0 1,698	8.0 1,698	
CHCJ-DT D35 DT LIC 56.0 1,034	16.0 784	12.0 643	
CFTO-DT-54 D35 DT LIC 12.0 140	8.0 101	8.0 101	

Interference to BLANK0000034793 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WENY-TV	D35	DT	CP	ELMIRA, NY	BLANK0000034793	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	139.5 km
	WKBW-TV	D34	DT	CP	BUFFALO, NY	BLANK0000034829	138.1

WSWB	D34	DT	APP	SCRANTON, PA	BLANK0000072953	136.6
WNJU	D35	DT	CP	LINDEN, NJ	BLANK0000053139	300.7
WNYF-CD	D35	DC	LIC	WATERTOWN, NY	BLDTL20090924ABW	229.3
WJAC-TV	D35	DT	CP	JOHNSTOWN, PA	BLANK0000027312	253.1
WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	353.3
WSPX-TV	D36	DT	CP	SYRACUSE, NY	BLANK0000068027	124.1
CHCJ-DT	D35	DT	LIC	HAMILTON, ON	BLANKCANADA174	257.5
CFTO-DT-54	D35	DT	LIC	PETERBOROUGH, ON	BLANKCANADA214	281.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
21375.8 656,240	18338.3 517,754	17892.5 511,755	17880.5 511,715	0.07 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP 64.1	456	12.0 40	
WKBW-TV D34 DT CP 84.1	685	44.1 458	16.0 288
WSWB D34 DT APP 12.1	104	8.0 96	8.0 96
WNJU D35 DT CP 52.2	749	32.1 556	32.1 556
WNYF-CD D35 DC LIC 44.1	723	32.0 592	32.0 592
WJAC-TV D35 DT CP 273.5	1,580	213.3 1,120	213.3 1,120
WPXW-TV D35 DT CP 8.1	0	4.0 0	4.0 0
WSPX-TV D36 DT CP 8.0	1,698	8.0 1,698	8.0 1,698
CHCJ-DT D35 DT LIC 56.0	1,034	16.0 784	12.0 643
CFTO-DT-54 D35 DT LIC 12.0	140	8.0 101	8.0 101

Interference to BLANK0000068027 CP scenario 1

**IX: 0.66% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSPX-TV	D36	DT	CP	SYRACUSE, NY	BLANK0000068027	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	214.5 km
	WENY-TV	D35	DT	CP	ELMIRA, NY	BLANK0000034793	124.1

WNYF-CD	D35	DC	LIC	WATERTOWN, NY	BLDTL20090924ABW	114.7
WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	294.6
WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	298.8
WITF-TV	D36	DT	APP	HARRISBURG, PA	BLANK0000035782	297.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
21947.1	1,298,295	19926.0	1,174,763	19705.0	1,171,372	19384.5	1,163,688	1.63	0.66

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	360.6	8,218	320.5
WENY-TV D35 DT CP	4.0	107	0.0
WNYF-CD D35 DC LIC	136.9	2,538	124.9
WFSB D36 DT CP	64.0	592	31.9
WCBS-TV D36 DT CP	32.1	271	16.1

Interference to BLANK0000063135 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WQHS-DT	D36	DT	CP	CLEVELAND, OH	BLANK0000063135	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	290.9 km
	WVIZ	D35	DT	CP	CLEVELAND, OH	BLANK0000034584	1.1
	WRGT-TV	D36	DT	CP	DAYTON, OH	BLANK0000034495	283.6
	WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	155.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24188.6	3,996,567	23847.5	3,952,672	23731.0	3,942,262	23602.0	3,934,168	0.54	0.21
3242.8	171	3242.8	171	3242.8	171	3242.8	171	0.00	0.00 (in

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	129.0	8,094	129.0

WVIZ D35 DT CP	4.0	83	4.0	83	4.0	83
WRGT-TV D36 DT CP	51.8	5,735	51.8	5,735	51.8	5,735
WMNT-CD D36 DC LIC	60.7	4,592	60.7	4,592	60.7	4,592

Interference to BLANK0000034699 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	271.4 km
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	239.5
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	187.8
	WITF-TV	D36	DT	APP	HARRISBURG, PA	BLANK0000035782	91.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
5860.6		392,702		4285.3		263,069	4165.0
						261,226	4161.0
						261,222	0.10
							0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	4.0	4	4.0
WTTG D36 DT LIC	20.2	207	8.1
WCBS-TV D36 DT CP	36.1	747	12.1
WITF-TV D36 DT APP	100.2	1,654	68.0

Interference to BLANK0000034699 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	271.4 km
	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000068634	239.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	187.8

WITF-TV	D36	DT	APP	HARRISBURG, PA	BLANK0000035782	91.8	
Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5860.6	392,702			4285.3	263,069	4165.0	261,226
						4161.0	261,222
							0.10
							0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WNLO D36 DT APP				4.0	4	4.0	4
WTTG D36 DT CP				20.2	207	8.1	0
WCBS-TV D36 DT CP				36.1	747	12.1	189
WITF-TV D36 DT APP				100.2	1,654	68.0	889

Interference to BLANK0000034699 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	271.4 km
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	239.5
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	187.8
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	91.8

Service area				Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5860.6	392,702			4285.3	263,069	4181.1	261,326
						4177.1	261,322
							0.10
							0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WNLO D36 DT APP				4.0	4	4.0	4
WTTG D36 DT LIC				20.2	207	16.2	207
WCBS-TV D36 DT CP				36.1	747	20.0	448
WITF-TV D36 DT LIC				68.0	1,088	52.0	789

Interference to BLANK0000034699 CP scenario 4

Desired:	Call W47AO-D	Chan D36-	Svc DC	Status CP	City, State BERWICK, PA	File Number BLANK0000034699	Distance
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	271.4 km
	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000068634	239.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	187.8
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	91.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5860.6 392,702	4285.3 263,069	4185.1 261,326	4181.1 261,322	0.10 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	4.0 4	4.0 4	
WTTG D36 DT CP	20.2 207	12.1 207	
WCBS-TV D36 DT CP	36.1 747	20.0 448	
WITF-TV D36 DT LIC	68.0 1,088	47.9 789	

Interference to BLANK0000035782 APP scenario 1

Desired:	Call WITF-TV	Chan D36	Svc DT	Status APP	City, State HARRISBURG, PA	File Number BLANK0000035782	Distance
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	295.8 km
	WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	154.9
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	244.7
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	91.8
	WSVF-CD	D36	DC	CP	HARRISONBURG, VA	BLANK0000034406	271.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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22016.9	2,630,939	19108.6	2,389,028	16553.2	2,187,635	16553.2	2,187,635	0.00	0.00
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Undesired			Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	27.9		2,452		0.0 0
WPXW-TV D35 DT CP	19.8		2,227	0.0 0	0.0 0
WTTG D36 DT LIC	1984.5		167,837	1425.2 119,881	1417.2 117,667
WMGM-TV D36 DT LIC	328.3		15,273	23.9 1,367	23.9 1,367
WCBS-TV D36 DT CP	336.8		23,836	92.3 12,596	92.3 12,596
W47AO-D D36- DC CP	689.6		49,967	378.8 16,626	378.8 16,626

Interference to BLANK0000035782 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	APP	HARRISBURG, PA	BLANK0000035782	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	295.8 km
	WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	154.9
	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000068634	154.9
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	244.7
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	91.8
	WSVF-CD	D36	DC	CP	HARRISONBURG, VA	BLANK0000034406	271.6

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
22016.9	2,630,939	19108.6	2,389,028	16493.4	2,181,062	16489.4	2,179,623	0.02	0.07

Undesired			Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	27.9		2,452		4.0 1,439
WPXW-TV D35 DT CP	19.8		2,227	0.0 0	0.0 0
WTTG D36 DT CP	2040.4		167,285	1485.0 126,454	1481.0 125,679
WMGM-TV D36 DT LIC	328.3		15,273	36.0 1,453	36.0 1,453
WCBS-TV D36 DT CP	336.8		23,836	92.2 13,531	92.2 13,531

W47AO-D D36- DC CP 689.6 49,967 394.7 23,604 390.7 23,516

Interference to BLANK0000039358 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	295.8 km
	WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	154.9
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	244.7
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	91.8
	WSVF-CD	D36	DC	CP	HARRISONBURG, VA	BLANK0000034406	271.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14809.6 2,022,489	14801.6 2,022,198	0.05 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP 43.9 2,134	8.0 291		
WPXW-TV D35 DT CP 15.9 3,224	0.0 0	0.0 0	
WTTG D36 DT LIC 1739.4 151,643	1283.6 121,482	1267.7 119,817	
WMGM-TV D36 DT LIC 256.0 16,199	23.8 987	23.8 987	
WCBS-TV D36 DT CP 288.8 14,817	60.2 3,115	60.2 3,115	
W47AO-D D36- DC CP 522.5 25,106	255.2 9,947	247.2 9,947	
WSVF-CD D36 DC CP 4.0 0	0.0 0	0.0 0	

Interference to BLANK0000039358 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	

Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	295.8 km
	WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	154.9
	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000068634	154.9
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	244.7
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	91.8
	WSVF-CD	D36	DC	CP	HARRISONBURG, VA	BLANK0000034406	271.6

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	19488.4	2,412,561	16964.3	2,191,501	14773.8	2,019,824	14761.9	2,018,215	0.08 0.08

Undesired		Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	43.9	2,134		12.0 1,609
WPXW-TV D35 DT CP	15.9	3,224	0.0 0	0.0 0
WTTG D36 DT CP	1751.2	153,989	1319.4 124,147	1307.4 123,800
WMGM-TV D36 DT LIC	256.0	16,199	31.9 936	31.9 936
WCBS-TV D36 DT CP	288.8	14,817	72.3 4,476	72.3 4,476
W47AO-D D36- DC CP	522.5	25,106	279.1 9,484	271.1 9,484
WSVF-CD D36 DC CP	4.0	0	0.0 0	0.0 0

Interference to BLANK0000039358 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	295.8 km
	WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	154.9
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	244.7
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	91.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14809.6 2,022,489	14801.6 2,022,198	0.05 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	43.9 2,134	8.0 291	
WPXW-TV D35 DT CP	15.9 3,224	0.0 0	
WTTG D36 DT LIC	1739.4 151,643	1287.6 121,482	1271.7 119,817
WMGM-TV D36 DT LIC	256.0 16,199	23.8 987	23.8 987
WCBS-TV D36 DT CP	288.8 14,817	60.2 3,115	60.2 3,115
W47AO-D D36- DC CP	522.5 25,106	255.2 9,947	247.2 9,947

Interference to BLANK0000039358 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	

Undesireds:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	295.8 km
	WPXW-TV	D35	DT	CP	MANASSAS, VA	BLANK0000068032	154.9
	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000068634	154.9
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000033867	244.7
	W47AO-D	D36-	DC	CP	BERWICK, PA	BLANK0000034699	91.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14773.8 2,019,824	14761.9 2,018,215	0.08 0.08

Undesired	Total IX	Unique IX, before	Unique IX, after
WNLO D36 DT APP	43.9 2,134	12.0 1,609	
WPXW-TV D35 DT CP	15.9 3,224	0.0 0	
WTTG D36 DT CP	1751.2 153,989	1323.4 124,147	1311.4 123,800
WMGM-TV D36 DT LIC	256.0 16,199	31.9 936	31.9 936

WCBS-TV D36 DT CP	288.8	14,817	72.3	4,476	72.3	4,476
W47AO-D D36- DC CP	522.5	25,106	279.1	9,484	271.1	9,484

Interference to BLANKCANADA174 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	CHCJ-DT	D35	DT	LIC	HAMILTON, ON	BLANKCANADA174	
Undesireds:	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	118.8 km
	WKBW-TV	D34	DT	CP	BUFFALO, NY	BLANK0000034829	120.6
	WENY-TV	D35	DT	CP	ELMIRA, NY	BLANK0000034793	257.5
	CFTO-DT-54	D35	DT	LIC	PETERBOROUGH, ON	BLANKCANADA214	171.8
	CIII-DT-29	D35	DT	LIC	SARNIAOIL SPRINGS, ON	BLANKCANADA217	196.0
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	443.8	49,215	443.8	49,215	429.2	25,642	0.00 0.00 (in
U.S.)							
	12037.1	5,292,086	12021.2	5,291,327	11865.1	5,241,864	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WNLO D36 DT APP		10.6		13,441		0.0 0	(in U.S.)
WNLO D36 DT APP		124.2		31,108		0.0 0	
WKBW-TV D34 DT CP		14.6		23,573	14.6 23,573	4.0 10,132	(in U.S.)
WKBW-TV D34 DT CP		136.2		49,463	124.3 43,733	12.0 18,355	
WENY-TV D35 DT CP		4.0		2,153	0.0 0	0.0 0	
CFTO-DT-54 D35 DT LIC		4.0		2,153	0.0 0	0.0 0	
CIII-DT-29 D35 DT LIC		27.8		3,577	19.8 0	19.8 0	

Interference to proposal scenario 1
3.86% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNLO	D36	DT	APP	BUFFALO, NY	WNLO_SITE_CHANNEL_CHG_	
Undesireds:	WENY-TV	D35	DT	CP	ELMIRA, NY	BLANK0000034793	139.5 km
	WSPX-TV	D36	DT	CP	SYRACUSE, NY	BLANK0000068027	214.5
	WQHS-DT	D36	DT	CP	CLEVELAND, OH	BLANK0000063135	290.9
	WITF-TV	D36	DT	APP	HARRISBURG, PA	BLANK0000035782	295.8
Service area		Terrain-limited		IX-free		Percent IX	
26152.8	1,900,503	24595.5	1,820,106	24052.8	1,749,772	2.21	3.86
4996.6	435,691	4996.6	435,691	4996.6	435,691	0.00	0.00 (in Canada)
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WENY-TV	D35 DT CP	8.0	60	0.0	0	0.00	0.00
WSPX-TV	D36 DT CP	422.8	67,028	414.8	66,968	1.69	3.68
WQHS-DT	D36 DT CP	119.9	3,306	119.9	3,306	0.49	0.18