

tvstudy v2.2.5 (4uoc83)  
 Database: localhost, Study: WYFX\_LD\_CP\_MOD, Model: Longley-Rice  
 Start: 2019.04.18 14:26:01

Study created: 2019.04.18 14:26:01

Study build station data: LMS TV 2019-04-12

Proposal: WYFX-LD D32 LD CP YOUNGSTOWN, OH  
 File number: WYFX\_LD\_CP\_MOD  
 Facility ID: 68398  
 Station data: User record  
 Record ID: 582  
 Country: U.S.

Build options:  
 Protect pre-transition records not on baseline channel

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

Individual records excluded:  
 0000001539 WRAP-LP D32 LD CP CLEVELAND, OH BLANK0000001539  
 0000058798 WRAP-LP D32 LD APP \*P CLEVELAND, OH BLANK0000058798

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State
	File Number			Distance	
No	WSSS-LP	N25z	TX	LIC	STEUBENVILLE, OH
	BLTTL19980506JD			76.8 km	
No	WWBP-LP	N25-	TX	LIC	FREEDOM, PA
	BLTTL19990124JD			52.3	
No	WIIC-LD	N29+	TX	LIC	PITTSBURGH, PA
	BLTTL19981230JB			88.9	
No	W29CO	N29z	TX	LIC	SHARON, PA
	BLTTL20031216ACI			27.0	
No	WBPA-LP	N30+	TX	LIC	PITTSBURGH, PA
	BLANK0000007299			87.0	
No	WMYD	D31	DT	CP	DETROIT, MI
	BLANK0000034676			260.5	
No	WNED-TV	D31	DT	CP	BUFFALO, NY
	BLANK0000034601			261.5	
No	WYTV	D31	DT	CP	YOUNGSTOWN, OH
	BLANK0000034845			0.0	
No	WATM-TV	D31	DT	CP	ALTOONA, PA
	BLANK0000028661			193.0	
No	WWBP-LP	N31+	TX	LIC	FREEDOM, PA
	BLTTL20040909ABD			52.3	
No	WWBP-LP	D31	LD	APP	FREEDOM, PA
	BDFCDTL20121022ACD			67.2	

No	KDKA-TV	D31	LD	APP	PITTSBURGH, PA
	BDRTCDT20090630ADY		168.7		
No	WIIC-LD	D31+	LD	LIC	PITTSBURGH, PA
	BLANK0000001503		88.9		
No	WRZB-LD	D32	LD	LIC	WASHINGTON, DC
	BLANK0000024420		383.9		
No	WANE-TV	D32	DT	CP	FORT WAYNE, IN
	BLANK0000034806		379.9		
No	W28DD-D	D32	LD	CP	LOUISA, KY
	BLANK0000053663		368.2		
No	WDIV-TV	D32	DT	CP	DETROIT, MI
	BLANK0000027872		264.9		
No	WNLO	D32	DT	APP	BUFFALO, NY
	BLANK0000036123		260.7		
No	WNLO	D32	DT	LIC	BUFFALO, NY
	BLANK0000053502		261.5		
No	WUTV	D32	DT	APP	BUFFALO, NY
	BLANK0000064271		260.7		
No	W59DG	D32	LD	CP	ELMIRA, NY
	BDISDTL20110829AAJ		340.8		
No	WOUB-TV	D32	DT	LIC	ATHENS, OH
	BLANK0000068360		232.0		
Yes	W32ED-D	D32	LD	CP	CANTON, OH
	BLANK0000013880		104.9		
No	WRAP-LP	N32-	TX	LIC	CLEVELAND, OH
	BLTTL20110902ABQ		91.7		
No	WWRD-LP	N32+	TX	LIC	DAYTON, OH
	BLTTL20071011AAP		328.8		
No	W32DS-D	D32	LD	LIC	MAPLEWOOD, OH
	BLDTT20110104ABK		330.5		
Yes	WTAJ-TV	D32	DT	LIC	ALTOONA, PA
	BLCDT20051018ACE		193.2		
Yes	WMVH-CD	D32	DC	CP	CHARLEROI, PA
	BLANK0000027843		121.5		
Yes	W32DH-D	D32	LD	LIC	ERIE, PA
	BLDTL20101122AHG		119.4		
No	WHP-TV	D32	DT	CP	HARRISBURG, PA
	BLANK0000033781		327.9		
Yes	WKHU-CD	D32	DC	CP	KITTANNING, PA
	BLANK0000027841		97.9		
No	WPSG	D32	DT	LIC	PHILADELPHIA, PA
	BLANK0000001047		470.5		
No	WQPX-TV	D32	DT	LIC	SCRANTON, PA
	BLCDT20060629AFR		413.2		
No	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA
	BLANK0000034188		388.6		
No	WVIR-TV	D32	DT	LIC	CHARLOTTESVILLE, VA
	BLCDT20040908AAE		388.6		
No	W32EW-D	D32	LD	LIC	ROANOKE, VA
	BLANK0000058516		414.0		
No	W32ES-D	D32	LD	CP	SUTTON, WV
	BNPDTL20100514AAP		270.9		

No	WGRZ	D33	DT	APP	BUFFALO, NY
	BLANK0000035664		252.6		
No	WGRZ	D33	DT	LIC	BUFFALO, NY
	BLCDT20050705AAG		252.6		
No	W33BW	N33+	TX	LIC	ASHLAND, OH
	BLTTL20020211ABL		144.4		
Yes	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
	BLANK0000033638		2.7		
Yes	WPXI	D33	LD	LIC	PITTSBURGH, PA
	BLCDT20130111ABQ		32.1		
No	WNPB-TV	D33	DT	LIC	MORGANTOWN, WV
	BLEDT20121205ACJ		168.7		
No	CIII-DT-22D33		DT	LIC	STEVENSON, ON
	BLANKCANADA222		189.4		

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32  
 Mask: Full Service  
 Latitude: 41 3 23.40 N (NAD83)  
 Longitude: 80 38 43.00 W  
 Height AMSL: 742.0 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: Omnidirectional  
 Elev Pattn: ERI-ATW16HS12-ESO-32H  
 Elec Tilt: 3.00

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	428.5 m	62.5 km
45.0	15.0	422.2	62.2
90.0	15.0	419.7	62.1
135.0	15.0	392.1	60.7
180.0	15.0	399.3	61.0
225.0	15.0	403.3	61.2
270.0	15.0	423.8	62.3
315.0	15.0	432.9	62.7

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m    Computed HAAT: 415 m

\*\*Proposal 25.51 dBu contour crosses Canadian border,  
 coordination required  
 Distance to Canadian border: 137.3 km

Distance to Mexican border: 2244.1 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 52.4 degrees Distance: 347.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 275.3 degrees Distance: 2069.8 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%

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Interference to BLANK0000013880 CP scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	W32ED-D	D32	LD	CP	CANTON, OH
BLANK0000013880					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD			104.9 km		
	WDIV-TV	D32	DT	CP	DETROIT, MI
BLANK0000027872			277.3		
	WOUB-TV	D32	DT	LIC	ATHENS, OH
BLANK0000068360			129.0		

IX-free, after	Service area	Percent	Terrain-limited	New IX	IX-free, before
586.2	16,935	419.2	12,463	392.1	12,014
387.1	11,994	1.28	0.17		

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	14.0	226
5.0 20		
WDIV-TV D32 DT CP	1.0	18
0.0 0		0.0 0
WOUB-TV D32 DT LIC	27.0	449
17.0 225		26.0 431

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Interference to BLCDT20051018ACE LIC scenario 1

File Number	Call	Chan	Svc	Status	City, State

Desired:	WTAJ-TV	D32	DT	LIC	ALTOONA, PA
BLCDT20051018ACE					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD				193.2 km	
	WNLO	D32	DT	APP	BUFFALO, NY
BLANK0000036123				276.2	
	WUTV	D32	DT	APP	BUFFALO, NY
BLANK0000064271				276.2	
	WOUB-TV	D32	DT	LIC	ATHENS, OH
BLANK0000068360				345.3	
	WPSG	D32	DT	LIC	PHILADELPHIA, PA
BLANK0000001047				277.9	
	WQPX-TV	D32	DT	LIC	SCRANTON, PA
BLCDT20060629AFR				247.3	
	WVIR-TV	D32	DT	LIC	CHARLOTTESVILLE, VA
BLCDT20040908AAE				287.1	

	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent	New IX			
28659.5	1,080,624	23898.9	864,353	23329.1	848,147
23303.3	847,838	0.11	0.04		

Undesired			Total IX	Unique IX, before
Unique IX, after				
WYFX-LD D32 LD CP	45.9	673		
25.9 309				
WNLO D32 DT APP	146.8	1,802	0.0	0
0.0 0				
WUTV D32 DT APP	146.8	1,802	0.0	0
0.0 0				
WOUB-TV D32 DT LIC	18.0	436	12.0	345
8.0 332				
WPSG D32 DT LIC	34.1	1,044	11.0	390
11.0 390				
WQPX-TV D32 DT LIC	315.5	8,726	270.3	6,318
270.3 6,318				
WVIR-TV D32 DT LIC	114.6	6,750	95.5	4,979
94.5 4,979				

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Interference to BLCDT20051018ACE LIC scenario 2

File Number	Call	Chan	Svc	Status	City, State
		Distance			
Desired:	WTAJ-TV	D32	DT	LIC	ALTOONA, PA
BLCDT20051018ACE					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD				193.2 km	
	WNLO	D32	DT	LIC	BUFFALO, NY

BLANK0000053502	276.6				
WUTV	D32	DT	APP	BUFFALO, NY	
BLANK0000064271	276.2				
WOUB-TV	D32	DT	LIC	ATHENS, OH	
BLANK0000068360	345.3				
WPSG	D32	DT	LIC	PHILADELPHIA, PA	
BLANK0000001047	277.9				
WQPX-TV	D32	DT	LIC	SCRANTON, PA	
BLCDT20060629AFR	247.3				
WVIR-TV	D32	DT	LIC	CHARLOTTESVILLE, VA	
BLCDT20040908AAE	287.1				

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
28659.5	1,080,624	23898.9
23267.1	847,179	0.09
		0.03

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	45.9	673
21.9	230	
WNLO D32 DT LIC	137.6	1,777
36.1	659	40.1
WUTV D32 DT APP	146.8	1,802
45.2	659	48.2
WOUB-TV D32 DT LIC	18.0	436
6.0	332	10.0
WPSG D32 DT LIC	34.1	1,044
11.0	390	11.0
WQPX-TV D32 DT LIC	315.5	8,726
268.3	6,318	268.3
WVIR-TV D32 DT LIC	114.6	6,750
94.5	4,979	95.5
		4,979

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 Interference to BLANK0000027843 CP scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WMVH-CD	D32	DC	CP	CHARLEROI, PA
BLANK0000027843					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					121.5 km
	WOUB-TV	D32	DT	LIC	ATHENS, OH
BLANK0000068360					212.7
	WHP-TV	D32	DT	CP	HARRISBURG, PA
BLANK0000033781					258.0
	WKHU-CD	D32	DC	CP	KITTANNING, PA
BLANK0000027841					80.0

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
3649.0	497,177	3264.5
417,092	3229.4	413,138
3220.4	411,768	0.28
		0.33

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	13.1	1,736
9.0	1,370	
WOUB-TV D32 DT LIC	22.1	3,301
17.1	3,242	17.1
3,242		3,242
WHP-TV D32 DT CP	8.0	142
3.0	134	4.0
134		134
WKHU-CD D32 DC CP	12.0	570
7.0	519	
5.0	161	

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Interference to BLDLTL20101122AHG LIC scenario 1

Call	Chan	Svc	Status	City, State
File Number	Distance			
Desired: W32DH-D	D32	LD	LIC	ERIE, PA
BLDLTL20101122AHG				
Undesireds: WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD	119.4	km		
WDIV-TV	D32	DT	CP	DETROIT, MI
BLANK0000027872	263.2			
WNLO	D32	DT	APP	BUFFALO, NY
BLANK0000036123	143.8			
WUTV	D32	DT	APP	BUFFALO, NY
BLANK0000064271	143.8			

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
2780.8	268,251	2575.9
261,671	2191.3	158,371
2186.3	158,236	0.23
		0.09

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	18.0	248
5.0	135	
WDIV-TV D32 DT CP	9.0	1,015
5.0	954	5.0
954		954
WNLO D32 DT APP	378.6	102,346
2.0	1,902	2.0
1,902		1,902
WUTV D32 DT APP	377.6	100,444
1.0	0	1.0
0		0

Interference to BLDLTL20101122AHG LIC scenario 2

File Number	Call	Chan	Svc	Status	City, State
Desired:	W32DH-D	D32	LD	LIC	ERIE, PA
BLDTL20101122AHG					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					119.4 km
	WDIV-TV	D32	DT	CP	DETROIT, MI
BLANK0000027872					263.2
	WNLO	D32	DT	LIC	BUFFALO, NY
BLANK0000053502					144.6
	WUTV	D32	DT	APP	BUFFALO, NY
BLANK0000064271					143.8

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
2780.8	268,251	2575.9
2147.4	155,995	0.19
		0.07

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	18.0	248
4.0 114		
WDIV-TV D32 DT CP	9.0	1,015
5.0 954		5.0 954
WNLO D32 DT LIC	341.8	73,799
40.9 4,143		41.9 4,164
WUTV D32 DT APP	377.6	100,444
75.7 30,757		77.7 30,809

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Interference to BLANK0000027841 CP scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WKHU-CD	D32	DC	CP	KITTANNING, PA
BLANK0000027841					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					97.9 km
	WNLO	D32	DT	APP	BUFFALO, NY
BLANK0000036123					253.7
	WUTV	D32	DT	APP	BUFFALO, NY
BLANK0000064271					253.7
	WMVH-CD	D32	DC	CP	CHARLEROI, PA
BLANK0000027843					80.0
	WHP-TV	D32	DT	CP	HARRISBURG, PA
BLANK0000033781					230.4



	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent	New	IX		
1110.5	161,992	999.9	140,494	967.0	132,871
960.1	132,605	0.72	0.20		

Undesired		Total IX	Unique IX, before
Unique IX, after			
WYFX-LD D32 LD CP	11.9	530	
7.0 266			
WNLO D32 DT APP	14.0	2,296	0.0 0
0.0 0			
WUTV D32 DT APP	14.0	2,296	0.0 0
0.0 0			
WMVH-CD D32 DC CP	21.9	5,787	17.0 5,227
15.0 5,024			
WHP-TV D32 DT CP	4.0	211	2.0 100
2.0 100			

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Interference to BLANK0000027841 CP scenario 2

File Number	Call	Chan	Svc	Status	City, State
		Distance			
Desired:	WKHU-CD	D32	DC	CP	KITTANNING, PA
BLANK0000027841					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD		97.9 km			
	WNLO	D32	DT	LIC	BUFFALO, NY
BLANK0000053502		254.3			
	WUTV	D32	DT	APP	BUFFALO, NY
BLANK0000064271		253.7			
	WMVH-CD	D32	DC	CP	CHARLEROI, PA
BLANK0000027843		80.0			
	WHP-TV	D32	DT	CP	HARRISBURG, PA
BLANK0000033781		230.4			

	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent	New	IX		
1110.5	161,992	999.9	140,494	964.1	132,447
957.1	132,181	0.72	0.20		

Undesired		Total IX	Unique IX, before
Unique IX, after			
WYFX-LD D32 LD CP	11.9	530	
7.0 266			
WNLO D32 DT LIC	8.0	1,035	3.0 424
3.0 424			
WUTV D32 DT APP	14.0	2,296	6.0 1,574
5.0 1,565			
WMVH-CD D32 DC CP	21.9	5,787	17.0 5,227

15.0	5,024				
WHP-TV D32 DT CP		4.0	211	2.0	100
2.0	100				

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Interference to BLANK0000033638 CP scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD				2.7 km	
	WHUT-TV	D33	DT	APP	WASHINGTON, DC
BLANK0000035679				384.5	
	WGRZ	D33	DT	APP	BUFFALO, NY
BLANK0000035664				250.4	
	WHIO-TV	D33	DT	CP	DAYTON, OH
BLANK0000025295				340.0	
	WNPB-TV	D34	DT	CP	MORGANTOWN, WV
BLANK0000034624				170.9	
	CIII-DT-22	D33	DT	LIC	STEVENSON, ON
BLANKCANADA222				188.2	
	CKNX-TV	D33	DT	LIC	WINGHAM, ON
BLANKCANADA245				337.8	

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
27701.9	4,319,279	26329.3
25520.6	3,602,509	0.02
		0.05

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	4.0	1,651
4.0	1,651	
WGRZ D33 DT APP	650.6	126,082
230.2	16,835	230.2
16,835		16,835
WHIO-TV D33 DT CP	65.9	21,774
59.8	8,958	59.8
8,958		8,958
WNPB-TV D34 DT CP	3.0	72
3.0	72	3.0
72		72
CIII-DT-22 D33 DT LIC	127.4	79,921
10.0	6,138	10.0
6,138		6,138
CKNX-TV D33 DT LIC	496.6	135,456
46.1	9,422	46.1
9,422		9,422

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Interference to BLANK0000033638 CP scenario 2

File Number	Call	Chan	Svc	Status	City, State
Desired:	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD			2.7 km		
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC
BLEDT20071018AIJ			384.5		
	WGRZ	D33	DT	APP	BUFFALO, NY
BLANK0000035664			250.4		
	WHIO-TV	D33	DT	CP	DAYTON, OH
BLANK0000025295			340.0		
	WNPB-TV	D34	DT	CP	MORGANTOWN, WV
BLANK0000034624			170.9		
	CIII-DT-22	D33	DT	LIC	STEVENSON, ON
BLANKCANADA222			188.2		
	CKNX-TV	D33	DT	LIC	WINGHAM, ON
BLANKCANADA245			337.8		

Service area		Terrain-limited		IX-free, before	
IX-free, after	Percent	New	IX		
27701.9	4,319,279	26329.3	3,775,025	25524.6	3,604,160
25520.6	3,602,509	0.02	0.05		

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	4.0	1,651
4.0 1,651		
WGRZ D33 DT APP	650.6	126,082
230.2 16,835		230.2 16,835
WHIO-TV D33 DT CP	65.9	21,774
59.8 8,958		59.8 8,958
WNPB-TV D34 DT CP	3.0	72
3.0 72		3.0 72
CIII-DT-22 D33 DT LIC	127.4	79,921
10.0 6,138		10.0 6,138
CKNX-TV D33 DT LIC	496.6	135,456
46.1 9,422		46.1 9,422

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Interference to BLANK0000033638 CP scenario 3

File Number	Call	Chan	Svc	Status	City, State
Desired:	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD			2.7 km		
	WHUT-TV	D33	DT	CP	WASHINGTON, DC

BPEDT20120627AAD	384.5				
WGRZ	D33	DT	APP	BUFFALO, NY	
BLANK0000035664	250.4				
WHIO-TV	D33	DT	CP	DAYTON, OH	
BLANK0000025295	340.0				
WNPB-TV	D34	DT	CP	MORGANTOWN, WV	
BLANK0000034624	170.9				
CIII-DT-22	D33	DT	LIC	STEVENSON, ON	
BLANKCANADA222	188.2				
CKNX-TV	D33	DT	LIC	WINGHAM, ON	
BLANKCANADA245	337.8				

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
27701.9	4,319,279	26329.3
25520.6	3,602,509	0.02
		0.05

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	4.0	1,651
4.0	1,651	
WHUT-TV D33 DT CP	1.0	5
0.0	0	0.0
0		
WGRZ D33 DT APP	650.6	126,082
229.2	16,830	229.2
16,830		
WHIO-TV D33 DT CP	65.9	21,774
59.8	8,958	59.8
8,958		
WNPB-TV D34 DT CP	3.0	72
3.0	72	3.0
72		
CIII-DT-22 D33 DT LIC	127.4	79,921
10.0	6,138	10.0
6,138		
CKNX-TV D33 DT LIC	496.6	135,456
46.1	9,422	46.1
9,422		

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 Interference to BLANK0000033638 CP scenario 4

File Number	Call	Chan	Svc	Status	City, State
Desired:	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					2.7 km
	WHUT-TV	D33	DT	APP	WASHINGTON, DC
BLANK0000035679					384.5
	WGRZ	D33	DT	LIC	BUFFALO, NY
BLCDT20050705AAG					250.4
	WHIO-TV	D33	DT	CP	DAYTON, OH
BLANK0000025295					340.0
	WNPB-TV	D34	DT	CP	MORGANTOWN, WV

BLANK0000034624	170.9				
CIII-DT-22D33	DT	LIC		STEVENSON, ON	
BLANKCANADA222	188.2				
CKNX-TV	D33	DT	LIC	WINGHAM, ON	
BLANKCANADA245	337.8				

	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent New IX				
27701.9	4,319,279	26329.3	3,775,025	25552.6	3,608,186
25548.6	3,606,535	0.02	0.05		

Undesired		Total IX	Unique IX, before		
Unique IX, after					
WYFX-LD D32 LD CP	4.0	1,651			
4.0	1,651				
WGRZ D33 DT LIC	616.6	118,568	202.2	12,809	
202.2	12,809				
WHIO-TV D33 DT CP	65.9	21,774	59.8	8,958	
59.8	8,958				
WNPB-TV D34 DT CP	3.0	72	3.0	72	
3.0	72				
CIII-DT-22 D33 DT LIC	127.4	79,921	10.0	6,138	
10.0	6,138				
CKNX-TV D33 DT LIC	496.6	135,456	50.1	9,936	
50.1	9,936				

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 Interference to BLANK0000033638 CP scenario 5

File Number	Call	Chan	Svc	Status	City, State
		Distance			
Desired:	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD		2.7	km		
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC
BLEDT20071018AIJ		384.5			
	WGRZ	D33	DT	LIC	BUFFALO, NY
BLCDT20050705AAG		250.4			
	WHIO-TV	D33	DT	CP	DAYTON, OH
BLANK0000025295		340.0			
	WNPB-TV	D34	DT	CP	MORGANTOWN, WV
BLANK0000034624		170.9			
	CIII-DT-22D33	DT	LIC		STEVENSON, ON
BLANKCANADA222		188.2			
	CKNX-TV	D33	DT	LIC	WINGHAM, ON
BLANKCANADA245		337.8			

	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent New IX				

27701.9	4,319,279	26329.3	3,775,025	25552.6	3,608,186
25548.6	3,606,535	0.02	0.05		

Undesired		Total IX	Unique IX, before
Unique IX, after			
WYFX-LD D32 LD CP	4.0	1,651	
4.0	1,651		
WGRZ D33 DT LIC	616.6	118,568	202.2 12,809
202.2	12,809		
WHIO-TV D33 DT CP	65.9	21,774	59.8 8,958
59.8	8,958		
WNPB-TV D34 DT CP	3.0	72	3.0 72
3.0	72		
CIIT-DT-22 D33 DT LIC	127.4	79,921	10.0 6,138
10.0	6,138		
CKNX-TV D33 DT LIC	496.6	135,456	50.1 9,936
50.1	9,936		

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Interference to BLANK0000033638 CP scenario 6

File Number	Call	Chan	Svc	Status	City, State
Desired:	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD			2.7 km		
	WHUT-TV	D33	DT	CP	WASHINGTON, DC
BPEDT20120627AAD			384.5		
	WGRZ	D33	DT	LIC	BUFFALO, NY
BLCDT20050705AAG			250.4		
	WHIO-TV	D33	DT	CP	DAYTON, OH
BLANK0000025295			340.0		
	WNPB-TV	D34	DT	CP	MORGANTOWN, WV
BLANK0000034624			170.9		
	CIIT-DT-22D33	DT	LIC	STEVENSON, ON	
BLANKCANADA222			188.2		
	CKNX-TV	D33	DT	LIC	WINGHAM, ON
BLANKCANADA245			337.8		

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
27701.9	4,319,279	26329.3 3,775,025 25552.6 3,608,186
25548.6	3,606,535	0.02 0.05

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	4.0	1,651
4.0	1,651	
WHUT-TV D33 DT CP	1.0	5 0.0 0

0.0	0				
WGRZ D33 DT LIC	616.6	118,568	201.3	12,804	
201.3	12,804				
WHIO-TV D33 DT CP	65.9	21,774	59.8	8,958	
59.8	8,958				
WNPB-TV D34 DT CP	3.0	72	3.0	72	
3.0	72				
CIII-DT-22 D33 DT LIC	127.4	79,921	10.0	6,138	
10.0	6,138				
CKNX-TV D33 DT LIC	496.6	135,456	50.1	9,936	
50.1	9,936				

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Interference to BLCDT20130111ABQ LIC scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WPXI	D33	LD	LIC	PITTSBURGH, PA
BLCDT20130111ABQ					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD				32.1 km	
	WGRZ	D33	DT	APP	BUFFALO, NY
BLANK0000035664				243.0	
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638				32.7	

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
3083.3	417,271	2893.7
1025.0	113,743	0.19
		0.04

Undesired	Total IX	Unique IX, before
Unique IX, after		
WYFX-LD D32 LD CP	109.3	56,892
2.0	48	
WGRZ D33 DT APP	6.0	448
2.0	287	2.0
287		287
WFMJ-TV D33 DT CP	1864.7	267,504
1753.3	210,499	1860.7
		267,343

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Interference to BLCDT20130111ABQ LIC scenario 2

File Number	Call	Chan	Svc	Status	City, State
Desired:	WPXI	D33	LD	LIC	PITTSBURGH, PA
BLCDT20130111ABQ					
Undesireds:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH

WYFX_LD_CP_MOD	32.1 km				
WGRZ	D33 DT LIC			BUFFALO, NY	
BLCDT20050705AAG	243.0				
WFMJ-TV	D33 DT CP			YOUNGSTOWN, OH	
BLANK0000033638	32.7				

Service area		Terrain-limited		IX-free, before	
IX-free, after	Percent New IX				
3083.3	417,271	2893.7	381,582	1028.0	113,808
1026.0	113,760	0.19	0.04		

Undesired		Total IX		Unique IX, before	
Unique IX, after					
WYFX-LD D32 LD CP	109.3	56,892			
2.0	48				
WGRZ D33 DT LIC	4.0	300		1.0	270
1.0	270				
WFMJ-TV D33 DT CP	1864.7	267,504		1861.7	267,474
1754.3	210,630				

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Interference to proposal scenario 1  
\*\*MX: 11.57% interference received

File Number	Call	Chan	Svc	Status	City, State
		Distance			
Desired:	WYFX-LD	D32 LD CP			YOUNGSTOWN, OH
WYFX_LD_CP_MOD					
Undesireds:	WYTV	D31 DT CP			YOUNGSTOWN, OH
BLANK0000034845		0.0 km			
	WWBP-LP	N31+ TX LIC			FREEDOM, PA
BLTTL20040909ABD		52.3			
	WDIV-TV	D32 DT CP			DETROIT, MI
BLANK0000027872		264.9			
	WNLO	D32 DT APP			BUFFALO, NY
BLANK0000036123		260.7			
	WUTV	D32 DT APP			BUFFALO, NY
BLANK0000064271		260.7			
	WOUB-TV	D32 DT LIC			ATHENS, OH
BLANK0000068360		232.0			
	W32DH-D	D32 LD LIC			ERIE, PA
BLDTL20101122AHG		119.4			
	WKHU-CD	D32 DC CP			KITTANNING, PA
BLANK0000027841		97.9			
	WFMJ-TV	D33 DT CP			YOUNGSTOWN, OH
BLANK0000033638		2.7			
	WPXI	D33 LD LIC			PITTSBURGH, PA
BLCDT20130111ABQ		32.1			

Service area		Terrain-limited		IX-free
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Percent IX					
12077.1	1,259,944	11400.6	1,186,952	9837.6	1,049,671
13.71	11.57				

Undesired		Total IX		Unique IX
Prcnt Unique IX				
WYTV D31 DT CP	1121.0	100,438	920.5	84,130
8.07 7.09				
WWBP-LP N31+ TX LIC	7.0	3,536	4.0	2,166
0.03 0.18				
WDIV-TV D32 DT CP	6.0	1,288	0.0	0
0.00 0.00				
WNLO D32 DT APP	23.2	814	0.0	0
0.00 0.00				
WUTV D32 DT APP	23.2	814	0.0	0
0.00 0.00				
WOUB-TV D32 DT LIC	28.9	3,446	3.0	349
0.03 0.03				
W32DH-D D32 LD LIC	11.1	249	0.0	0
0.00 0.00				
WKHU-CD D32 DC CP	4.0	90	3.0	63
0.03 0.01				
WFMJ-TV D33 DT CP	574.6	45,060	370.0	27,797
3.25 2.34				
WPXI D33 LD LIC	50.0	4,906	32.0	3,218
0.28 0.27				

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 Interference to proposal scenario 2  
 \*\*MX: 11.38% interference received

File Number	Call	Chan	Svc	Status	City, State
Desired:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					
Undesireds:	WYTV	D31	DT	CP	YOUNGSTOWN, OH
BLANK0000034845			0.0 km		
	WDIV-TV	D32	DT	CP	DETROIT, MI
BLANK0000027872			264.9		
	WNLO	D32	DT	APP	BUFFALO, NY
BLANK0000036123			260.7		
	WUTV	D32	DT	APP	BUFFALO, NY
BLANK0000064271			260.7		
	WOUB-TV	D32	DT	LIC	ATHENS, OH
BLANK0000068360			232.0		
	W32DH-D	D32	LD	LIC	ERIE, PA
BLDTL20101122AHG			119.4		
	WKHU-CD	D32	DC	CP	KITTANNING, PA
BLANK0000027841			97.9		
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH

BLANK0000033638 2.7  
 WPXI D33 LD LIC PITTSBURGH, PA  
 BLCDT20130111ABQ 32.1

Service area	Terrain-limited	IX-free
Percent IX		
12077.1 1,259,944	11400.6 1,186,952	9841.6 1,051,837
13.67 11.38		

Undesired	Total IX	Unique IX
Prcnt Unique IX		
WYTV D31 DT CP 1121.0	100,438	921.5 84,358
8.08 7.11		
WDIV-TV D32 DT CP 6.0	1,288	0.0 0
0.00 0.00		
WNLO D32 DT APP 23.2	814	0.0 0
0.00 0.00		
WUTV D32 DT APP 23.2	814	0.0 0
0.00 0.00		
WOUB-TV D32 DT LIC 28.9	3,446	3.0 349
0.03 0.03		
W32DH-D D32 LD LIC 11.1	249	0.0 0
0.00 0.00		
WKHU-CD D32 DC CP 4.0	90	3.0 63
0.03 0.01		
WFMJ-TV D33 DT CP 574.6	45,060	372.0 28,939
3.26 2.44		
WPXI D33 LD LIC 50.0	4,906	32.0 3,218
0.28 0.27		

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 Interference to proposal scenario 3  
 \*\*MX: 11.59% interference received

File Number	Call	Chan	Svc	Status	City, State
Desired:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					
Undesireds:	WYTV	D31	DT	CP	YOUNGSTOWN, OH
BLANK0000034845				0.0 km	
WWBP-LP	N31+	TX	LIC		FREEDOM, PA
BLTTL20040909ABD				52.3	
WDIV-TV	D32	DT	CP		DETROIT, MI
BLANK0000027872				264.9	
WNLO	D32	DT	LIC		BUFFALO, NY
BLANK0000053502				261.5	
WUTV	D32	DT	APP		BUFFALO, NY
BLANK0000064271				260.7	
WOUB-TV	D32	DT	LIC		ATHENS, OH
BLANK0000068360				232.0	

W32DH-D	D32	LD	LIC	ERIE, PA
BLDTL20101122AHG	119.4			
WKHU-CD	D32	DC	CP	KITTANNING, PA
BLANK0000027841	97.9			
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH
BLANK0000033638	2.7			
WPXI	D33	LD	LIC	PITTSBURGH, PA
BLCDDT20130111ABQ	32.1			

Service area	Terrain-limited			IX-free
Percent IX				
12077.1	1,259,944	11400.6	1,186,952	9835.6
13.73	11.59			1,049,403

Undesired	Total IX			Unique IX
Prcnt Unique IX				
WYTV D31 DT CP	1121.0	100,438	920.5	84,130
8.07 7.09				
WWBP-LP N31+ TX LIC	7.0	3,536	4.0	2,166
0.03 0.18				
WDIV-TV D32 DT CP	6.0	1,288	0.0	0
0.00 0.00				
WNLO D32 DT LIC	20.1	957	2.0	268
0.02 0.02				
WUTV D32 DT APP	23.2	814	0.0	0
0.00 0.00				
WOUB-TV D32 DT LIC	28.9	3,446	3.0	349
0.03 0.03				
W32DH-D D32 LD LIC	11.1	249	0.0	0
0.00 0.00				
WKHU-CD D32 DC CP	4.0	90	3.0	63
0.03 0.01				
WFMJ-TV D33 DT CP	574.6	45,060	369.0	27,779
3.24 2.34				
WPXI D33 LD LIC	50.0	4,906	32.0	3,218
0.28 0.27				

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Interference to proposal scenario 4  
\*\*MX: 11.41% interference received

File Number	Call	Chan	Svc	Status	City, State
Desired:	WYFX-LD	D32	LD	CP	YOUNGSTOWN, OH
WYFX_LD_CP_MOD					
Undesireds:	WYTV	D31	DT	CP	YOUNGSTOWN, OH
BLANK0000034845			0.0 km		
	WDIV-TV	D32	DT	CP	DETROIT, MI
BLANK0000027872			264.9		
	WNLO	D32	DT	LIC	BUFFALO, NY

BLANK0000053502	261.5				
WUTV	D32	DT	APP	BUFFALO, NY	
BLANK0000064271	260.7				
WOUB-TV	D32	DT	LIC	ATHENS, OH	
BLANK0000068360	232.0				
W32DH-D	D32	LD	LIC	ERIE, PA	
BLDTL20101122AHG	119.4				
WKHU-CD	D32	DC	CP	KITTANNING, PA	
BLANK0000027841	97.9				
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	
BLANK0000033638	2.7				
WPXI	D33	LD	LIC	PITTSBURGH, PA	
BLCDT20130111ABQ	32.1				

	Service area	Terrain-limited			IX-free
Percent IX					
12077.1	1,259,944	11400.6	1,186,952	9839.6	1,051,569
13.69	11.41				

Undesired		Total IX			Unique IX
Prcnt Unique IX					
WYTV D31 DT CP	1121.0	100,438	921.5	84,358	
8.08 7.11					
WDIV-TV D32 DT CP	6.0	1,288	0.0	0	
0.00 0.00					
WNLO D32 DT LIC	20.1	957	2.0	268	
0.02 0.02					
WUTV D32 DT APP	23.2	814	0.0	0	
0.00 0.00					
WOUB-TV D32 DT LIC	28.9	3,446	3.0	349	
0.03 0.03					
W32DH-D D32 LD LIC	11.1	249	0.0	0	
0.00 0.00					
WKHU-CD D32 DC CP	4.0	90	3.0	63	
0.03 0.01					
WFMJ-TV D33 DT CP	574.6	45,060	371.0	28,921	
3.25 2.44					
WPXI D33 LD LIC	50.0	4,906	32.0	3,218	
0.28 0.27					