

# WNKY-LD TV Study Output

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tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WNKY-LD (35 FS WNKY site), Model: Longley-Rice

Start: 2023.01.13 12:54:39

Study created: 2023.01.13 12:54:39

Study build station data: LMS TV 2023-01-07

Proposal: WNKY-LD D35 LD APP BOWLING GREEN, KY

Facility ID: 182667

Station data: User record

Record ID: 674

Country: U.S.

Zone: II

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	WNPX-LD	N20-	TX	LIC	NASHVILLE, TN	BLTTL20021119ABM	101.5 km
No	WSIL-TV	D34	DT	LIC	HARRISBURG, IL	BLCDT20080718AAR	246.7
Yes	WBGs-LD	D34	LD	LIC	BOWLING GREEN, KY	BLANK0000120154	23.0
No	WKMJ-TV	D34	DT	LIC	LOUISVILLE, KY	BLANK0000197492	151.2
No	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	229.6
No	WJNK-LD	D34z	LD	LIC	NASHVILLE, TN	BLANK0000197213	101.5
No	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK0000129320	257.4
No	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK0000112954	380.3
No	WUVG-DT	D35	LD	LIC	ATHENS, GA	BLANK0000081844	420.4
No	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	135.1
No	W35DX-D	D35	LD	LIC	EVANSVILLE, IN	BLANK0000198135	135.1
No	WPBY-LD	D35	LD	LIC	LAFAYETTE, IN	BLANK0000058858	378.8
No	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	267.3
Yes	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	101.5

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Yes	WKLE	D35	DT	LIC	LEXINGTON, KY	BLANK0000087400	188.4
No	KSDK	D35	DT	LIC	ST. LOUIS, MO	BLANK0000158259	402.6
No	W35DT-D	D35	LD	LIC	BEAVER DAM, NC	BLANK0000114227	370.0
No	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLANK0000137595	367.6
No	W35CK-D	D35	LD	LIC	HIGHLANDS, NC	BLANK0000130265	346.4
No	WPTD	D35	DT	LIC	DAYTON, OH	BLANK0000204180	342.6
No	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK0000190291	440.8
Yes	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	121.3
Yes	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	121.3
Yes	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	218.5
Yes	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	218.5
Yes	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	273.5
No	WCYB-TV	D35	LD	CP	BRISTOL, VA	BLANK0000054449	368.3
No	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	368.3
No	WJDW-LD	D35	LD	LIC	TAZEWELL, VA	BLDTL20110525ADU	412.3
No	WEIN-LD	D36	LD	LIC	EVANSVILLE, IN	BLANK0000164457	160.2
No	WAVE	D36	DT	LIC	LOUISVILLE, KY	BLANK0000197265	151.4
Yes	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	101.1
No	WVLR	D36	DT	LIC	TAZEWELL, TN	BLANK0000097858	243.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

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Record parameters as studied:

Channel: D35  
Mask: Full Service  
Latitude: 37 2 5.60 N (NAD83)  
Longitude: 86 10 41.00 W  
Height AMSL: 390.3 m  
HAAT: 177.5 m  
Peak ERP: 15.0 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 0.75

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	186.1 m	49.3 km
45.0	15.0	188.0	49.4
90.0	15.0	174.0	48.6
135.0	15.0	177.9	48.8
180.0	15.0	203.1	50.2
225.0	15.0	219.0	51.1
270.0	15.0	215.6	50.9
315.0	15.0	199.9	50.1

Database HAAT does not agree with computed HAAT

Database HAAT: 178 m    Computed HAAT: 195 m

Distance to Canadian border: 597.0 km

Distance to Mexican border: 1593.9 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 159.1 degrees    Distance: 376.4 km

Proposal is not within the West Virginia quiet zone area

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Conditions at Table Mountain receiving zone:  
Bearing: 287.6 degrees    Distance: 1686.7 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 BLANK0000120154 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBGs-LD	D34	LD	LIC	BOWLING GREEN, KY	BLANK0000120154	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		23.0 km
	WPGD-TV	D33	DT	LIC	HENDERSONVILLE, TN	BMLCDT20131125BGF	94.1
	WSIL-TV	D34	DT	LIC	HARRISBURG, IL	BLC DT20080718AAR	223.9
	WKMJ-TV	D34	DT	LIC	LOUISVILLE, KY	BLANK0000197492	154.3
	WJNK-LD	D34z	LD	LIC	NASHVILLE, TN	BLANK0000197213	94.1
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	115.3
	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	138.8
	Service area	Terrain-limited		IX-free, before		IX-free, after	
	6975.7	238,280	6839.9	235,907	6547.4	228,864	6464.5 225,693
							Percent New IX
							1.27 1.39
Undesired				Total IX	Unique IX, before		Unique IX, after
WNKY-LD D35 LD APP		92.9		3,519	82.9		3,171
WPGD-TV D33 DT LIC		28.1		891	0.0	0	0
WSIL-TV D34 DT LIC		36.9		2,037	27.9	1,642	1,452
WKMJ-TV D34 DT LIC		3.0		70	3.0	70	70
WJNK-LD D34z LD LIC		261.6		5,331	225.5	4,119	224.5 4,119

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Interference to BLANK0000141734 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired:	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734				
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		101.5 km			
	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK0000129320	171.8			
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	173.4			
	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	130.6			
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	180.5			
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	184.5			
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	0.7			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
10194.0	1,443,955	10005.2	1,425,551	7386.3	1,201,443	7311.9	1,196,961	1.01	0.37	
Undesired				Total IX	Unique IX, before		Unique IX, after			
WNKY-LD	D35	LD	APP	379.5	29,612	74.3	4,482			
WHVD-LD	D35	LD	LIC	9.0	2,242	0.0	0	0.0	0	
W35DZ-D	D35	LD	LIC	3.0	11	0.0	0	0.0	0	
WTCI	D35	DT	CP	20.0	1,060	7.0	95	7.0	95	
WBBJ-TV	D35	DT	LIC	120.9	11,436	39.4	4,528	32.3	3,005	
WTVF	D36	DT	LIC	2567.4	219,406	2484.9	212,567	2209.9	191,732	

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Interference to BLANK0000141734 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734			
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		101.5 km		
	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK0000129320	171.8		
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	173.4		
	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	130.6		
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	180.5		
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	184.5		
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	0.7		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10194.0	1,443,955	10005.2	1,425,551	7368.1	1,200,682	7296.8	1,196,430	0.97	0.35
Undesired				Total IX	Unique IX, before		Unique IX, after		
WNKY-LD	D35	LD	APP	379.5	29,612	71.3	4,252		
WHVD-LD	D35	LD	LIC	9.0	2,242	0.0	0	0.0	0
W35DZ-D	D35	LD	CP	85.7	3,377	18.2	761	15.1	531
WTCI	D35	DT	CP	20.0	1,060	3.0	66	3.0	66
WBBJ-TV	D35	DT	LIC	120.9	11,436	33.3	4,399	28.3	2,898
WTVF	D36	DT	LIC	2567.4	219,406	2448.7	210,379	2180.7	189,714

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Interference to BLANK0000141734 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired:	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734				
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		101.5 km			
	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK0000129320	171.8			
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	173.4			
	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	130.6			
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	180.5			
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	184.5			
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	0.7			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
10194.0	1,443,955	10005.2	1,425,551	7386.3	1,201,443	7311.9	1,196,961	1.01	0.37	
Undesired				Total IX	Unique IX, before		Unique IX, after			
WNKY-LD	D35	LD	APP	379.5	29,612	74.3	4,482			
WHVD-LD	D35	LD	LIC	9.0	2,242	0.0	0	0.0	0	
W35DZ-D	D35	LD	LIC	3.0	11	0.0	0	0.0	0	
WTCI	D35	DT	LIC	20.0	1,060	7.0	95	7.0	95	
WBBJ-TV	D35	DT	LIC	120.9	11,436	39.4	4,528	32.3	3,005	
WTVF	D36	DT	LIC	2567.4	219,406	2484.9	212,567	2209.9	191,732	



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Interference to BLANK0000141734 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734			
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		101.5 km		
	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK0000129320	171.8		
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	173.4		
	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	130.6		
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	180.5		
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	184.5		
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	0.7		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10194.0	1,443,955	10005.2	1,425,551	7368.1	1,200,682	7296.8	1,196,430	0.97	0.35
Undesired				Total IX	Unique IX, before		Unique IX, after		
WNKY-LD	D35	LD	APP	379.5	29,612	71.3	4,252		
WHVD-LD	D35	LD	LIC	9.0	2,242	0.0	0	0.0	0
W35DZ-D	D35	LD	CP	85.7	3,377	18.2	761	15.1	531
WTCI	D35	DT	LIC	20.0	1,060	3.0	66	3.0	66
WBBJ-TV	D35	DT	LIC	120.9	11,436	33.3	4,399	28.3	2,898
WTVF	D36	DT	LIC	2567.4	219,406	2448.7	210,379	2180.7	189,714

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Interference to BLANK0000087400 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKLE	D35	DT	LIC	LEXINGTON, KY	BLANK0000087400	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		188.4 km
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	306.5
	WPTD	D35	DT	LIC	DAYTON, OH	BLANK0000204180	204.8
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	309.0
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	252.7
	WTAP-TV	D35	DT	LIC	PARKERSBURG, WV	BLANK0000105709	290.1
	WAVE	D36	DT	LIC	LOUISVILLE, KY	BLANK0000197265	142.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	15496.4	856,763	14969.6	848,245	14333.1	835,684	0.01 0.00
Undesired				Total IX	Unique IX, before		Unique IX, after
WNKY-LD D35 LD APP				14.1	184		2.0 0
WTWO D35 DT LIC				10.1	67		1.0 0
WPTD D35 DT LIC				348.2	6,862		201.1 4,165
WTCI D35 DT CP				13.1	594		1.0 49
WCYB-TV D35 DT CP				408.1	7,846		266.0 5,360
WTAP-TV D35 DT LIC				31.3	390		6.1 157
WAVE D36 DT LIC				4.0	89		3.0 45

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Interference to BLANK0000087400 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKLE	D35	DT	LIC	LEXINGTON, KY	BLANK0000087400	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		188.4 km
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	306.5
	WPTD	D35	DT	LIC	DAYTON, OH	BLANK0000204180	204.8
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	309.0
	WCYB-TV	D35	DT	BL	BRISTOL, VA	DTVBL2455	252.7
	WTAP-TV	D35	DT	LIC	PARKERSBURG, WV	BLANK0000105709	290.1
	WAVE	D36	DT	LIC	LOUISVILLE, KY	BLANK0000197265	142.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
15496.4      856,763	14969.6      848,245	14344.1      835,821	14342.1      835,821	0.01      0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WNKY-LD D35 LD APP	14.1      184	2.0      0	
WTWO D35 DT LIC	10.1      67	1.0      0	
WPTD D35 DT LIC	348.2      6,862	205.2      4,124	
WTCI D35 DT CP	13.1      594	1.0      49	
WCYB-TV D35 DT BL	393.1      7,750	255.0      5,223	
WTAP-TV D35 DT LIC	31.3      390	6.1      157	
WAVE D36 DT LIC	4.0      89	3.0      45	

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Interference to BLANK0000087400 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKLE	D35	DT	LIC	LEXINGTON, KY	BLANK0000087400	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		188.4 km
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	306.5
	WPTD	D35	DT	LIC	DAYTON, OH	BLANK0000204180	204.8
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	309.0
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	252.7
	WTAP-TV	D35	DT	LIC	PARKERSBURG, WV	BLANK0000105709	290.1
	WAVE	D36	DT	LIC	LOUISVILLE, KY	BLANK0000197265	142.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	15496.4	856,763	14969.6	848,245	14333.1	835,684	0.01 0.00
Undesired				Total IX	Unique IX, before		Unique IX, after
WNKY-LD D35 LD APP				14.1	184		2.0 0
WTWO D35 DT LIC				10.1	67		1.0 0
WPTD D35 DT LIC				348.2	6,862		201.1 4,165
WTCI D35 DT LIC				13.1	594		1.0 49
WCYB-TV D35 DT CP				408.1	7,846		266.0 5,360
WTAP-TV D35 DT LIC				31.3	390		6.1 157
WAVE D36 DT LIC				4.0	89		3.0 45

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Interference to BLANK0000087400 LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKLE	D35	DT	LIC	LEXINGTON, KY	BLANK0000087400	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		188.4 km
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	306.5
	WPTD	D35	DT	LIC	DAYTON, OH	BLANK0000204180	204.8
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	309.0
	WCYB-TV	D35	DT	BL	BRISTOL, VA	DTVBL2455	252.7
	WTAP-TV	D35	DT	LIC	PARKERSBURG, WV	BLANK0000105709	290.1
	WAVE	D36	DT	LIC	LOUISVILLE, KY	BLANK0000197265	142.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	15496.4	856,763	14969.6	848,245	14344.1	835,821	14342.1 835,821 0.01 0.00
Undesired				Total IX	Unique IX, before		Unique IX, after
WNKY-LD D35 LD APP				14.1	184		2.0 0
WTWO D35 DT LIC				10.1	67		1.0 0
WPTD D35 DT LIC				348.2	6,862		205.2 4,124
WTCI D35 DT LIC				13.1	594		1.0 49
WCYB-TV D35 DT BL				393.1	7,750		255.0 5,223
WTAP-TV D35 DT LIC				31.3	390		6.1 157
WAVE D36 DT LIC				4.0	89		3.0 45

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Interference to BLANK0000194635 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		121.3 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	254.0
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	130.6
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	107.6
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	291.4
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	2153.0	77,913	1784.6	70,044	1721.2	68,695	0.29 0.13
Undesired				Total IX	Unique IX, before	Unique IX, after	
WNKY-LD D35 LD APP		19.1		313		5.0	92
WCTZ-LD D35 LD LIC		20.2		1,061	15.1	11.1	696
WTCI D35 DT CP		46.3		518	40.2	34.2	180
WCYB-TV D35 DT CP		4.0		22	2.0	0.0	0

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Interference to BLANK0000194635 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		121.3 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	254.0
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	130.6
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	107.6
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	291.4
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	2153.0	77,913	1784.6	70,044	1721.2	68,695	0.29 0.13
Undesired				Total IX	Unique IX, before	Unique IX, after	
WNKY-LD D35 LD APP		19.1		313		5.0	92
WCTZ-LD D35 LD LIC		20.2		1,061	15.1 831	11.1	696
WTCI D35 DT LIC		46.3		518	40.2 266	34.2	180
WCYB-TV D35 DT CP		4.0		22	2.0 0	0.0	0

WNKY-LD TV Study Output  
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Interference to BLANK0000198557 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		121.3 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	254.0
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	130.6
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	107.6
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	291.4
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	129.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
8967.0      237,108	8058.2      222,897	7826.3      217,349	7785.1      216,922	0.53      0.20

Undesired	Total IX	Unique IX, before	Unique IX, after
WNKY-LD D35 LD APP      73.4	957	41.2      427	
WCTZ-LD D35 LD LIC      42.4	1,667	29.3      1,349	
WTCI D35 DT CP      193.5	3,993	177.4      3,678	
WCYB-TV D35 DT CP      15.1	382	3.0      36	
WTVF D36 DT LIC      3.0	0	1.0      0	



WNKY-LD TV Study Output  
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Interference to BLANK0000198557 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		121.3 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	254.0
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	130.6
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	107.6
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	291.4
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	129.9
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	8967.0	237,108	8058.2	222,897	7826.3	217,349	7785.1 216,922 0.53 0.20
Undesired				Total IX	Unique IX, before		Unique IX, after
WNKY-LD D35 LD APP				73.4	957		41.2 427
WCTZ-LD D35 LD LIC				42.4	1,667		29.3 1,349
WTCI D35 DT LIC				193.5	3,993		177.4 3,678
WCYB-TV D35 DT CP				15.1	382		3.0 36
WTVF D36 DT LIC				3.0	0		1.0 0

WNKY-LD TV Study Output  
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Interference to BLANK0000034751 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		218.5 km
	WATC-DT	D34	DT	LIC	ATLANTA, GA	BLANK00000107129	147.6
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	148.4
	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK00000112954	184.3
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLC DT20060627ABT	307.7
	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK00000190291	281.4
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK00000116047	312.7
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK00000153389	317.5
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	177.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24354.7	1,215,507	20303.9	1,094,584	19582.6	1,073,216	19571.6	1,073,135	0.06	0.01

Undesired			Total IX	Unique IX, before		Unique IX, after	
WNKY-LD	D35	LD APP	23.0	110		11.0	81
WATC-DT	D34	DT LIC	54.3	929	41.2 607	41.2	607
WVLT-TV	D34	DT LIC	216.7	9,307	154.1 7,452	154.1	7,452
WEAC-CD	D35	DC LIC	318.6	7,030	284.4 6,413	284.4	6,413
WLTZ	D35	DT LIC	30.2	510	15.1 301	15.1	301
WMYA-TV	D35	DT LIC	6.0	2	2.0 2	2.0	2
WBBJ-TV	D35	DT LIC	54.9	909	49.8 759	38.8	732
WCYB-TV	D35	DT CP	141.5	5,158	70.9 3,183	69.9	3,181
WUPA	D36	DT LIC	5.0	342	3.0 87	3.0	87

WNKY-LD TV Study Output  
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Interference to BLANK0000034751 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		218.5 km
	WATC-DT	D34	DT	LIC	ATLANTA, GA	BLANK00000107129	147.6
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	148.4
	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK00000112954	184.3
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLC DT20060627ABT	307.7
	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK00000190291	281.4
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK00000116047	312.7
	WCYB-TV	D35	DT	BL	BRISTOL, VA	DTVBL2455	317.5
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	177.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24354.7	1,215,507	20303.9	1,094,584	19590.6	1,073,828	19579.6	1,073,747	0.06	0.01

Undesired				Total IX	Unique IX, before		Unique IX, after	
WNKY-LD	D35	LD	APP	23.0	110		11.0	81
WATC-DT	D34	DT	LIC	54.3	929	41.2	607	41.2
WVLT-TV	D34	DT	LIC	216.7	9,307	154.1	7,484	154.1
WEAC-CD	D35	DC	LIC	318.6	7,030	284.4	6,413	284.4
WLTZ	D35	DT	LIC	30.2	510	15.1	301	15.1
WMYA-TV	D35	DT	LIC	6.0	2	2.0	2	2.0
WBBJ-TV	D35	DT	LIC	54.9	909	49.8	759	38.8
WCYB-TV	D35	DT	BL	132.5	4,514	62.9	2,571	61.9
WUPA	D36	DT	LIC	5.0	342	3.0	87	3.0

WNKY-LD TV Study Output  
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Interference to BLANK0000144354 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		218.5 km
	WATC-DT	D34	DT	LIC	ATLANTA, GA	BLANK0000107129	147.6
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	148.4
	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK0000112954	184.3
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLC DT20060627ABT	307.7
	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK0000190291	281.4
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	312.7
	WCYB-TV	D35	DT	CP	BRISTOL, VA	BLANK0000153389	317.5
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	177.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24354.7 1,215,507	20303.9 1,094,584	19582.6 1,073,216	19571.6 1,073,135	0.06 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNKY-LD D35 LD APP 23.0	110	11.0	81
WATC-DT D34 DT LIC 54.3	929	41.2	607
WVLT-TV D34 DT LIC 216.7	9,307	154.1	7,452
WEAC-CD D35 DC LIC 318.6	7,030	284.4	6,413
WLTZ D35 DT LIC 30.2	510	15.1	301
WMYA-TV D35 DT LIC 6.0	2	2.0	2
WBBJ-TV D35 DT LIC 54.9	909	49.8	732
WCYB-TV D35 DT CP 141.5	5,158	70.9	3,183
WUPA D36 DT LIC 5.0	342	3.0	87

WNKY-LD TV Study Output  
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Interference to BLANK0000144354 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		218.5 km
	WATC-DT	D34	DT	LIC	ATLANTA, GA	BLANK0000107129	147.6
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	148.4
	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK0000112954	184.3
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLC DT20060627ABT	307.7
	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK0000190291	281.4
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	312.7
	WCYB-TV	D35	DT	BL	BRISTOL, VA	DTVBL2455	317.5
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	177.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24354.7	1,215,507	20303.9	1,094,584	19590.6	1,073,828	19579.6	1,073,747	0.06	0.01

Undesired			Total IX	Unique IX, before		Unique IX, after	
WNKY-LD	D35	LD APP	23.0	110		11.0	81
WATC-DT	D34	DT LIC	54.3	929	41.2	607	41.2
WVLT-TV	D34	DT LIC	216.7	9,307	154.1	7,484	154.1
WEAC-CD	D35	DC LIC	318.6	7,030	284.4	6,413	284.4
WLTZ	D35	DT LIC	30.2	510	15.1	301	15.1
WMYA-TV	D35	DT LIC	6.0	2	2.0	2	2.0
WBBJ-TV	D35	DT LIC	54.9	909	49.8	759	38.8
WCYB-TV	D35	DT BL	132.5	4,514	62.9	2,571	61.9
WUPA	D36	DT LIC	5.0	342	3.0	87	3.0

WNKY-LD TV Study Output  
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Interference to BLANK0000116047 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		273.5 km
	W34DV-D	D34	DC	LIC	BOONEVILLE, MS	BLANK0000001528	109.0
	KSDK	D35	DT	LIC	ST. LOUIS, MO	BLANK0000158259	356.6
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	312.7
	WMAV-TV	D36	DT	LIC	OXFORD, MS	BLEDT20090612AAK	175.9
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	29051.9	663,009	28751.2	661,123	28719.0	661,033	0.00 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
WNKY-LD D35 LD APP		1.0	0		0.0	0	
W34DV-D D34 DC LIC		5.0	26	5.0	26	5.0	26
KSDK D35 DT LIC		15.1	49	15.1	49	15.1	49
WTCI D35 DT CP		10.0	15	10.0	15	9.0	15
WMAV-TV D36 DT LIC		2.0	0	2.0	0	2.0	0

WNKY-LD TV Study Output  
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Interference to BLANK0000116047 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		273.5 km
	W34DV-D	D34	DC	LIC	BOONEVILLE, MS	BLANK0000001528	109.0
	KSDK	D35	DT	LIC	ST. LOUIS, MO	BLANK0000158259	356.6
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	312.7
	WMAV-TV	D36	DT	LIC	OXFORD, MS	BLEDT20090612AAK	175.9
	Service area	Terrain-limited		IX-free, before		IX-free, after	
	29051.9	663,009	28751.2	661,123	28719.0	661,033	Percent New IX
							0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WNKY-LD D35 LD APP		1.0		0		0.0	0
W34DV-D D34 DC LIC		5.0		26	5.0 26	5.0	26
KSDK D35 DT LIC		15.1		49	15.1 49	15.1	49
WTCI D35 DT LIC		10.0		15	10.0 15	9.0	15
WMAV-TV D36 DT LIC		2.0		0	2.0 0	2.0	0

WNKY-LD TV Study Output  
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Interference to BLANK0000115766 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	
Undesireds:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		101.1 km
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	179.9
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	185.1
	WSES	D36	DT	LIC	TUSCALOOSA, AL	BLANK0000191494	315.4
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	352.8
	WAVE	D36	DT	LIC	LOUISVILLE, KY	BLANK0000197265	248.4
	KBSI	D36	DT	LIC	CAPE GIRARDEAU, MO	BLANK0000115700	277.3
	WMAV-TV	D36	DT	LIC	OXFORD, MS	BLEDT20090612AAK	344.0
	WVLR	D36	DT	LIC	TAZEWELL, TN	BLANK0000097858	283.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
37496.3    2,385,122	36150.5    2,370,149	35011.0    2,347,338	34888.2    2,345,028	0.35    0.10

Undesired	Total IX	Unique IX, before	Unique IX, after
WNKY-LD D35 LD APP    188.7	3,714	122.8    2,310	
WBBJ-TV D35 DT LIC    1.0	0	0.0    0	
WSES D36 DT LIC    289.8	7,124	223.9    4,963	
WUPA D36 DT LIC    25.0	912	2.0    0	
WAVE D36 DT LIC    457.2	9,673	336.2    7,912	
KBSI D36 DT LIC    494.4	7,099	372.6    5,279	
WMAV-TV D36 DT LIC    12.0	416	1.0    0	
WVLR D36 DT LIC    67.0	2,099	18.9    817	



WNKY-LD TV Study Output  
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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		
Undesireds:	WBGS-LD	D34	LD	LIC	BOWLING GREEN, KY	BLANK0000120154	23.0 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	135.1
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	267.3
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	101.5
	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	121.3
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	218.5
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	273.5
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	101.1

Service area	Terrain-limited	IX-free	Percent IX
7829.5      247,279	7679.9      244,640	7463.7      242,245	2.81      0.98

Undesired	Total IX	Unique IX	Prcnt Unique IX
WBGS-LD D34 LD LIC      83.8	570	72.8	560      0.95      0.23
WTWO D35 DT LIC      4.0	31	1.0	0      0.01      0.00
WCTZ-LD D35 LD LIC      118.3	1,560	99.2	1,519      1.29      0.62
W35DZ-D D35 LD LIC      22.0	275	18.0	275      0.23      0.11
WTCI D35 DT CP      7.0	31	4.0	0      0.05      0.00
WBBJ-TV D35 DT LIC      1.0	0	0.0	0      0.00      0.00
WTVF D36 DT LIC      2.0	0	1.0	0      0.01      0.00

WNKY-LD TV Study Output  
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Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		
Undesireds:	WBGS-LD	D34	LD	LIC	BOWLING GREEN, KY	BLANK0000120154	23.0 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	135.1
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	267.3
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	101.5
	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	121.3
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	218.5
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	273.5
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	101.1

Service area	Terrain-limited	IX-free	Percent IX
7829.5      247,279	7679.9      244,640	7346.4      240,463	4.34      1.71

Undesired	Total IX	Unique IX	Prcnt Unique IX
WBGS-LD D34 LD LIC      83.8	570	70.8	560      0.92      0.23
WTWO D35 DT LIC      4.0	31	1.0	0      0.01      0.00
WCTZ-LD D35 LD LIC      118.3	1,560	92.2	1,305      1.20      0.53
W35DZ-D D35 LD CP      152.3	2,302	135.3	2,057      1.76      0.84
WTCI D35 DT CP      7.0	31	2.0	0      0.03      0.00
WBBJ-TV D35 DT LIC      1.0	0	0.0	0      0.00      0.00
WTVF D36 DT LIC      2.0	0	1.0	0      0.01      0.00

WNKY-LD TV Study Output  
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Interference to proposal scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		
Undesireds:	WBGS-LD	D34	LD	LIC	BOWLING GREEN, KY	BLANK0000120154	23.0 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	135.1
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	267.3
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	101.5
	W35DZ-D	D35	LD	LIC	ALGOOD, TN	BLANK0000194635	121.3
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	218.5
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	273.5
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	101.1

Service area	Terrain-limited	IX-free	Percent IX
7829.5      247,279	7679.9      244,640	7463.7      242,245	2.81      0.98

Undesired	Total IX	Unique IX	Prcnt Unique IX
WBGS-LD D34 LD LIC      83.8      570      72.8      560      0.95      0.23			
WTWO D35 DT LIC      4.0      31      1.0      0      0.01      0.00			
WCTZ-LD D35 LD LIC      118.3      1,560      99.2      1,519      1.29      0.62			
W35DZ-D D35 LD LIC      22.0      275      18.0      275      0.23      0.11			
WTCI D35 DT LIC      7.0      31      4.0      0      0.05      0.00			
WBBJ-TV D35 DT LIC      1.0      0      0.0      0      0.00      0.00			
WTVF D36 DT LIC      2.0      0      1.0      0      0.01      0.00			

WNKY-LD TV Study Output  
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Interference to proposal scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNKY-LD	D35	LD	APP	BOWLING GREEN, KY		
Undesireds:	WBGS-LD	D34	LD	LIC	BOWLING GREEN, KY	BLANK0000120154	23.0 km
	W35DX-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000193281	135.1
	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	267.3
	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	101.5
	W35DZ-D	D35	LD	CP	ALGOOD, TN	BLANK0000198557	121.3
	WTCI	D35	DT	LIC	CHATTANOOGA, TN	BLANK0000144354	218.5
	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	273.5
	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	101.1

Service area	Terrain-limited	IX-free	Percent IX
7829.5      247,279	7679.9      244,640	7346.4      240,463	4.34      1.71

Undesired	Total IX	Unique IX	Prcnt Unique IX
WBGS-LD D34 LD LIC      83.8	570      70.8	560      0.92      0.23	
WTWO D35 DT LIC      4.0	31      1.0	0      0.01      0.00	
WCTZ-LD D35 LD LIC      118.3	1,560      92.2	1,305      1.20      0.53	
W35DZ-D D35 LD CP      152.3	2,302      135.3	2,057      1.76      0.84	
WTCI D35 DT LIC      7.0	31      2.0	0      0.03      0.00	
WBBJ-TV D35 DT LIC      1.0	0      0.0	0      0.00      0.00	
WTVF D36 DT LIC      2.0	0      1.0	0      0.01      0.00	