

INTERFERENCE ANALYSIS FOR PROPOSED WCWW-LD, SOUTH BEND, INDIANA, CHANNEL 25

tvstudy v2.2.5 (4uoc83)

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

Study build station data: LMS TV 2019-11-01

Proposal: WCWW_A1 D25 LD APP SOUTH BEND, IN
File number: wcww_al
Facility ID: 24617
Station data: User record
Record ID: 4161
Country: U.S.

Search options:

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WRJK-LP	D24	LD	CP	ARLINGTON HEIGHTS, IL	BMPDTL20140211ACV	123.8 km
Yes	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	123.8
Yes	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	101.1
No	WUDZ-LD	D24	LD	APP	TERRE HAUTE, IN	BLANK0000087647	191.3
No	WPXD-TV	D24	DT	CP	ANN ARBOR, MI	BLANK0000034355	256.0
No	WTLJ	D24	DT	LIC	MUSKEGON, MI	BLANK0000001674	150.9
No	KWKB	D25	DT	LIC	IOWA CITY, IA	BLCDT20070130AJQ	429.2
Yes	W25DW-D	D25	LD	LIC	ARBURY HILLS, IL	BLDTL20110224ACQ	122.8
Yes	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	123.8
No	WEDK-LD	D25	LD	CP	EFFINGHAM, IL	BLANK0000071856	353.1
No	W25EW-D	D25	LD	CP	JACKSONVILLE, IL	BLANK0000013744	356.1
No	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDT20090413AER	302.1
No	WMKB-LP	N25z	TX	LIC	Rochelle, IL	BLTTL20070813AFM	253.6
No	WBKM-LP	D25+	LD	CP	Rockford, IL	BLANK0000054706	253.6
Yes	W43DI-D	D25	LD	CP	FORT WAYNE, IN	BLANK0000052700	104.0
Yes	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	190.8
No	W50CI-D	D25	LD	CP	LOUISVILLE, KY	BLANK0000051790	362.4
No	WUPX-TV	D25	DT	LIC	RICHMOND, KY	BLANK0000075153	444.4
No	WWTW	D25	LD	CP	CADILLAC, MI	BLANK0000052564	351.9
No	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	260.2
No	WOGC-CD	D25	DC	LIC	HOLLAND, MI	BLDTA20120316ADA	134.8
Yes	WJGP-LD	D25	LD	CP	KALAMAZOO, MI	BLANK0000054651	90.3
No	WUEK-LD	D25	LD	LIC	CANTON, OH	BLANK0000067575	374.7
No	WCPX-LP	D25	LD	CP	COLUMBUS, OH	BLANK0000071598	318.9
No	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	279.0
No	WXCB-CD	D25	DC	LIC	DELAWARE, OH	BLANK0000087098	279.0
No	W32DS-D	D25	LD	CP	MAPLEWOOD, OH	BLANK0000078087	182.9
No	WPNE-TV	D25	DT	LIC	GREEN BAY, WI	BLANK0000055599	343.9
No	WPNE-TV	D25	DT	CP	GREEN BAY, WI	BLANK0000031831	343.9
No	WPVN-CD	D26	DC	CP	CHICAGO, IL	BLANK0000080446	123.3
No	WBBM-TV	D26	LD	LIC	CHICAGO, IL	BLCDT20140305ABH	134.7
No	W26DH-D	D26	LD	LIC	AUBURN, IN	BLDTL20091005ABQ	99.4
No	WISH-TV	D26	LD	APP	INDIANAPOLIS, IN	BLANK0000054863	164.3
No	WJGP-LD	D26	LD	LIC	KALAMAZOO, MI	BLDTL20091210ADC	90.3
No	WCMU-TV	D26	DT	LIC	MOUNT PLEASANT, MI	BLEDT20130710ABN	250.4
No	WNHO-LD	N26-	TX	LIC	Defiance, OH	BLTTL20031007AAN	141.9
No	WOHW-LD	D26	LD	CP	LIMA, OH	BLANK0000086883	157.0
No	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	227.7

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WSBT 960 L DA2 D SOUTH BEND, IN BL
WSBT 960 L DA2 N SOUTH BEND, IN BL

Record parameters as studied:

Channel: D25

Mask: Full Service

Latitude: 41 36 54.90 N (NAD83)

Longitude: 86 11 6.60 W

Height AMSL: 587.0 m

HAAT: 344.0 m

Peak ERP: 15.0 kW

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Antenna: ATC-ATCBCH612M-25 30.0 deg

Elev Pattn: ATC-ATCBCH612M-25

Elec Tilt: 1.50

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.6 kW	353.7 m	59.1 km
45.0	14.6	359.3	59.8
90.0	10.3	339.4	56.9
135.0	6.42	331.5	54.0
180.0	6.92	334.5	54.5
225.0	7.34	327.3	54.5
270.0	6.16	347.0	54.5
315.0	8.61	359.4	56.9

Proposal 24.85 dBu contour does not cross Canadian border
Distance to Canadian border: 255.8 km

Distance to Mexican border: 1897.0 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 9.7 degrees Distance: 111.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 270.5 degrees Distance: 1604.9 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%

Interference to BLANK0000072366 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	123.8 km
	W23BW-D	D23	DC	APP	MADISON, WI	BLANK0000035876	199.6
	WHOI	D24	DT	CP	PEORIA, IL	BLANK0000034285	212.4
	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	221.6
	WTLJ	D24	DT	LIC	MUSKEGON, MI	BLANK0000001674	186.0
	WHRM-TV	D24	DT	CP	WAUSAU, WI	BLANK0000035674	376.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35251.1 10,040,753		35130.9 10,036,679		33968.9 9,983,989		33968.9 9,983,989	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
WCWW_A1 D25 LD APP		3.0 124				0.0 0	
WHOI D24 DT CP		962.2 30,772		878.2 27,592		878.2 27,592	
WPTA D24 DT LIC		199.7 22,609		176.7 20,908		176.7 20,908	
WTLJ D24 DT LIC		99.1 3,412		5.0 60		5.0 60	
WHRM-TV D24 DT CP		14.1 492		0.0 0		0.0 0	

Interference to BLANK0000072366 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	123.8 km
	W23BW-D	D23	DC	APP	MADISON, WI	BLANK0000035876	199.6
	WHOI	D24	DT	CP	PEORIA, IL	BLANK0000034285	212.4
	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	221.6
	WTLJ	D24	DT	LIC	MUSKEGON, MI	BLANK0000001674	186.0
	WHRM-TV	D24	DT	LIC	WAUSAU, WI	BLEDT20051014AAW	376.6

INTERFERENCE ANALYSIS FOR PROPOSED WCWW-LD, SOUTH BEND, INDIANA, CHANNEL 25

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
35251.1 10,040,753	35130.9 10,036,679	33968.9 9,983,989	33968.9 9,983,989	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	3.0 124		0.0 0
WHOI D24 DT CP	962.2 30,772	879.2 27,596	879.2 27,596
WPTA D24 DT LIC	199.7 22,609	176.7 20,908	176.7 20,908
WTLJ D24 DT LIC	99.1 3,412	7.1 77	7.1 77
WHRM-TV D24 DT LIC	8.1 333	0.0 0	0.0 0

Interference to BLANK0000068624 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_al	101.1 km
	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	221.6
	WPXD-TV	D24	DT	CP	ANN ARBOR, MI	BLANK0000034355	218.3
	WTLJ	D24	DT	LIC	MUSKEGON, MI	BLANK0000001674	214.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
20499.7 1,100,466	20498.7 1,100,452	20428.6 1,098,125	20428.6 1,098,125	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	4.0 44		0.0 0
WFLD D24 DT CP	6.0 142	2.0 0	2.0 0
WPXD-TV D24 DT CP	16.0 307	5.0 66	5.0 66
WTLJ D24 DT LIC	62.2 2,236	50.1 1,910	47.1 1,866

Interference to BLDLTL20110224ACQ LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W25DW-D	D25	LD	LIC	ARBURY HILLS, IL	BLDCTL20110224ACQ	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_al	122.8 km
	WRJK-LP	D24	LD	CP	ARLINGTON HEIGHTS, IL	BMPDTL20140211ACV	1.3
	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	1.4
	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	1.4
	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDT20090413AER	213.0
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	250.9
	WJGP-LD	D25	LD	CP	KALAMAZOO, MI	BLANK0000054651	190.4
	WPNE-TV	D25	DT	LIC	GREEN BAY, WI	BLANK0000055599	282.3
	WPVN-CD	D26	DC	CP	CHICAGO, IL	BLANK0000080446	1.5
	WBBM-TV	D26	LD	LIC	CHICAGO, IL	BLCDT20140305ABH	12.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3733.9 5,333,297	3733.9 5,333,297	63.1 143,956	63.1 143,956	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	2.0 3,631		0.0 0
WRJK-LP D24 LD CP	71.0 384,327	0.0 0	0.0 0
WFLD D24 DT CP	1377.2 1,727,603	1.0 587	1.0 587
WTTW D25 DT CP	3668.8 5,170,609	2283.6 3,443,593	2283.6 3,443,593
WEEK-TV D25 DT LIC	8.0 1,889	0.0 0	0.0 0
WRTV D25 DT LIC	23.0 206,375	0.0 0	0.0 0
WPVN-CD D26 DC CP	255.8 524,447	1.0 18,145	1.0 18,145
WBBM-TV D26 LD LIC	157.9 292,821	0.0 0	0.0 0

Interference to BLANK0000084058 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_al	123.8 km
	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	0.0
	KWKB	D25	DT	LIC	IOWA CITY, IA	BLCDT20070130AJQ	308.4
	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDT20090413AER	211.7
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	250.9
	WPNE-TV	D25	DT	LIC	GREEN BAY, WI	BLANK0000055599	282.8

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Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
27002.6 9,775,930	26998.5 9,775,687	26415.2 9,739,737	25270.0 9,692,479	4.34 0.49

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	1453.9 54,441		1145.2 47,258
WFLD D24 DT CP	113.5 16,286	111.5 16,274	111.5 16,274
KWKB D25 DT LIC	123.8 11,864	67.8 5,004	67.8 5,004
WEEK-TV D25 DT LIC	88.2 7,846	34.2 1,085	34.2 1,085
WRTV D25 DT LIC	311.8 6,657	307.8 6,653	7.0 28
WPNE-TV D25 DT LIC	13.1 466	5.1 74	3.0 71

Interference to BLANK0000084058 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_al	123.8 km
	WFLD	D24	DT	CP	CHICAGO, IL	BLANK0000072366	0.0
	KWKB	D25	DT	LIC	IOWA CITY, IA	BLCDT20070130AJQ	308.4
	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDT20090413AER	211.7
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	250.9
	WPNE-TV	D25	DT	CP	GREEN BAY, WI	BLANK0000031831	282.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
27002.6 9,775,930	26998.5 9,775,687	26411.2 9,739,690	25266.0 9,692,432	4.34 0.49

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	1453.9 54,441		1145.2 47,258
WFLD D24 DT CP	113.5 16,286	111.5 16,274	111.5 16,274
KWKB D25 DT LIC	123.8 11,864	67.8 5,004	67.8 5,004
WEEK-TV D25 DT LIC	88.2 7,846	34.2 1,085	34.2 1,085
WRTV D25 DT LIC	311.8 6,657	307.8 6,653	7.0 28
WPNE-TV D25 DT CP	22.1 1,091	9.1 121	7.1 118

Interference to BLANK0000052700 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W43DI-D	D25	LD	CP	FORT WAYNE, IN	BLANK0000052700	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_al	104.0 km
	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	3.3
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	160.5
	WJGP-LD	D25	LD	CP	KALAMAZOO, MI	BLANK0000054651	115.6
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	177.8
	W26DH-D	D26	LD	LIC	AUBURN, IN	BLDTL20091005ABQ	27.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3126.3 390,528	3126.3 390,528	1963.9 274,185	1957.8 274,028	0.31 0.06

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	96.7 9,206		6.0 157
WPTA D24 DT LIC	1045.7 99,861	945.0 82,571	877.5 80,833
WRTV D25 DT LIC	7.0 449	0.0 0	0.0 0
WJGP-LD D25 LD CP	6.0 562	0.0 0	0.0 0
W26DH-D D26 LD LIC	211.4 33,720	114.8 16,232	108.8 14,540

Interference to BLANK0000052700 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W43DI-D	D25	LD	CP	FORT WAYNE, IN	BLANK0000052700	
Undesireds:	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_al	104.0 km
	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	3.3
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	160.5
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	177.8
	W26DH-D	D26	LD	LIC	AUBURN, IN	BLDTL20091005ABQ	27.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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INTERFERENCE ANALYSIS FOR PROPOSED WCWW-LD, SOUTH BEND, INDIANA, CHANNEL 25

3126.3	390,528	3126.3	390,528	1963.9	274,185	1957.8	274,028	0.31	0.06
Undesired		Total IX		Unique IX, before		Unique IX, after			
WCWW_A1 D25 LD APP	96.7		9,206			6.0	157		
WPTA D24 DT LIC	1045.7		99,861	948.0	82,574	877.5	80,833		
WRTV D25 DT LIC	7.0		449	0.0	0	0.0	0		
W26DH-D D26 LD LIC	211.4		33,720	116.8	16,482	108.8	14,540		

Interference to BLCDDT20090623ACJ LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDDT20090623ACJ	
Undesireds:							
	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	190.8 km
	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	250.9
	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDDT20090413AER	295.2
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	366.0
	WUPX-TV	D25	DT	LIC	RICHMOND, KY	BLANK0000075153	269.0
	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	377.6
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	272.3
	WCPO-TV	D26	DT	LIC	CINCINNATI, OH	BLANK0000087181	169.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
30732.5	2,921,761	30353.2	2,899,469	30218.8	2,891,151	30170.1	2,888,527	0.16 0.09
Undesired		Total IX		Unique IX, before		Unique IX, after		
WCWW_A1 D25 LD APP	77.6		5,319			48.7	2,624	
WTTW D25 DT CP	68.7		5,255	54.7	3,053	32.8	2,525	
WEEK-TV D25 DT LIC	23.1		2,936	12.0	736	12.0	736	
WDKA D25 DT CP	27.9		413	20.8	404	20.8	404	
WUPX-TV D25 DT LIC	27.9		1,747	25.9	1,747	23.9	1,747	
WXYZ-TV D25 DT CP	2.0		0	0.0	0	0.0	0	
WCPO-TV D26 DT LIC	4.0		173	4.0	173	4.0	173	

Interference to BLCDDT20090623ACJ LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDDT20090623ACJ	
Undesireds:							
	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	190.8 km
	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	250.9
	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDDT20090413AER	295.2
	WDKA	D25	DT	LIC	PADUCAH, KY	BLANK0000087462	366.0
	WUPX-TV	D25	DT	LIC	RICHMOND, KY	BLANK0000075153	269.0
	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	377.6
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	272.3
	WCPO-TV	D26	DT	LIC	CINCINNATI, OH	BLANK0000087181	169.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
30732.5	2,921,761	30353.2	2,899,469	30218.8	2,891,151	30170.1	2,888,527	0.16 0.09
Undesired		Total IX		Unique IX, before		Unique IX, after		
WCWW_A1 D25 LD APP	77.6		5,319			48.7	2,624	
WTTW D25 DT CP	68.7		5,255	54.7	3,053	32.8	2,525	
WEEK-TV D25 DT LIC	23.1		2,936	12.0	736	12.0	736	
WDKA D25 DT LIC	27.9		413	20.8	404	20.8	404	
WUPX-TV D25 DT LIC	27.9		1,747	25.9	1,747	23.9	1,747	
WXYZ-TV D25 DT CP	2.0		0	0.0	0	0.0	0	
WCPO-TV D26 DT LIC	4.0		173	4.0	173	4.0	173	

Interference to BLANK0000054651 CP scenario 1

****IX: 8.34% interference caused (Previously accepted interference received by WJGP-LD permittee.)**

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WJGP-LD	D25	LD	CP	KALAMAZOO, MI	BLANK0000054651	
Undesireds:							
	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	90.3 km
	WTLJ	D24	DT	LIC	MUSKEGON, MI	BLANK0000001674	102.9
	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	191.7

INTERFERENCE ANALYSIS FOR PROPOSED WCWW-LD, SOUTH BEND, INDIANA, CHANNEL 25

WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDDT20090623ACJ	258.2
WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	175.9
WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	249.7
WPNE-TV	D25	DT	LIC	GREEN BAY, WI	BLANK0000055599	332.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6999.3 542,921	6971.1 541,381	6923.2 536,596	6034.3 491,856	12.84 8.34

Undesired	Total IX	Unique IX, before	Unique IX, after
WCWW_A1 D25 LD APP	933.7 49,198		888.8 44,740
WTLJ D24 DT LIC	1.0 0	0.0 0	0.0 0
WTTW D25 DT CP	2.0 34	0.0 0	0.0 0
WRTV D25 DT LIC	2.0 112	0.0 0	0.0 0
WXYZ-TV D25 DT CP	47.9 4,785	42.9 4,639	2.0 327

(WJGP-LD applicant accepted
predicted interference
received from WCWW-LD
construction permit facility.)

Interference to proposal scenario 1
7.94% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	
Undesireds:	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	123.8 km
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDDT20090623ACJ	190.8
	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	260.2
	WJGP-LD	D25	LD	CP	KALAMAZOO, MI	BLANK0000054651	90.3
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	279.0
	WPNE-TV	D25	DT	LIC	GREEN BAY, WI	BLANK0000055599	343.9

Service area	Terrain-limited	IX-free	Percent IX
9977.2 874,359	9964.2 872,967	8747.6 803,678	12.21 7.94

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTW D25 DT CP	817.3 49,520	810.3 49,003	8.13 5.61
WRTV D25 DT LIC	41.9 1,600	16.0 431	0.16 0.05
WXYZ-TV D25 DT CP	1.0 4	0.0 0	0.00 0.00
WJGP-LD D25 LD CP	384.3 19,826	363.4 18,194	3.65 2.08

Interference to proposal scenario 2
6.64% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCWW_A1	D25	LD	APP	SOUTH BEND, IN	wcww_a1	
Undesireds:	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000084058	123.8 km
	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDDT20090623ACJ	190.8
	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	260.2
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	279.0
	WPNE-TV	D25	DT	LIC	GREEN BAY, WI	BLANK0000055599	343.9
	WJGP-LD	D26	LD	LIC	KALAMAZOO, MI	BLDRTL20091210ADC	90.3

Service area	Terrain-limited	IX-free	Percent IX
9977.2 874,359	9964.2 872,967	9061.0 815,012	9.06 6.64

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTW D25 DT CP	817.3 49,520	811.3 49,495	8.14 5.67
WRTV D25 DT LIC	41.9 1,600	27.0 1,054	0.27 0.12
WXYZ-TV D25 DT CP	1.0 4	0.0 0	0.00 0.00
WJGP-LD D26 LD LIC	57.9 7,377	49.9 6,860	0.50 0.79
