



**STATEMENT OF JOHN E. HIDLE, P.E.  
IN SUPPORT OF AN APPLICATION FOR  
POST REPACK CONSTRUCTION PERMIT  
WSBT-TV - SOUTH BEND, INDIANA  
DTV - CH. 29 - 310 kW - 332.6 m HAAT**

Prepared for: WSBT LICENSEE, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, License No. 7418, and in the State of New York, License No. 63418.

#### **GENERAL**

This office has been authorized by WSBT LICENSEE, LLC, licensee of WSBT-TV, channel 22, facility ID number 73983, licensed to South Bend, Indiana, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for construction permit, in accordance with the Incentive Auction Closing and Channel Reassignment Public Notice, DA 17-314, and the technical information provided in the confidential reassignment letter from the FCC announcing the substitution for DTV channel 22 with new DTV channel 29 to be used by WSBT-TV for its post-reassignment broadcasting.

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**OMNI-DIRECTIONAL ANTENNA**

The applicant proposes to utilize its existing antenna, a Dielectric model TUA-O4-16/64H-1-T-R horizontally polarized panel type omni-directional transmitting antenna with its center of radiation located at a height above ground of 309.1 meters, and a height above average terrain of 332.6 meters. The antenna manufacturer's vertical plane elevation radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane is shown and tabulated in Exhibit 2.

**PREDICTED COVERAGE CONTOURS**

The predicted coverage contours were calculated in accordance with the method described in Section 73.625(b) of the Rules, utilizing the appropriate F(50,90) propagation curves (47 CFR Section 73.699, Figure 9), proposed Effective Radiated Power, and antenna height above average terrain as determined for each profile radial. The average terrain on the eight cardinal radials from 3 kilometers to 16 kilometers from the site, was determined using the NED Three Second US Terrain Database as permitted in the FCC Rules. The antenna site elevation and coordinates were determined from FCC antenna registration data. Exhibit 1 shows the predicted Noise Limited (40.23 dBu) contour, and the principal community (48 dBu) contour, which completely encompasses the principal community of license, South Bend, Indiana.

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**ALLOCATION CONSIDERATIONS**

***Post-Transition DTV Considerations***

A study was performed, using the FCC's software, tv\_study, v. 2.2.2, to determine if the instant application for construction permit is predicted to cause new prohibited interference to post reassignment DTV stations, construction permits, DTV allotments or Class A DTV stations. The study results, shown in Appendix B, indicate that the instant application for construction permit is predicted to cause no new interference exceeding 0.5% to the populations served by any post reassignment DTV station, construction permit, allotment or Class A DTV stations. The study also shows that WSBT-TV's proposed service area is within the baseline plus 1%.

***International DTV Considerations***

The WSBT-TV site is located 258.4 kilometers from the nearest point on the US/Canadian border. The Canadian DTV facilities that are located in the coordination zone are included in the above study. The results predict no detrimental effects on any Canadian post-reassignment DTV facilities. (See Appendix B)

**BLANKETING AND INTERMODULATION INTERFERENCE**

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WSBT-TV site. The applicant does recognize its responsibility to remedy complaints of interference that might result from this proposal in accordance with applicable Rules.

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**RADIO FREQUENCY IMPACT**

The FCC's guidelines and procedures for evaluating environmental effects of radio frequency (RF) emissions are generally based on recommendations by the National Council on Radiation Protection and Measurements (NCRP) in NCRP Report No. 86 (1986) and by the American National Standards Institute and the Institute of Electrical and Electronic Engineers, LLC (IEEE) in ANSI/IEEE C95.1-1992 (IEEE C95.1-1991). The guidelines define a maximum permissible exposure (MPE) level for occupational or "controlled" situations, and for "uncontrolled" environments that apply in all other cases that might affect the general public. The FCC Office of Engineering and Technology's technical bulletin No. 65 entitled, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields" (Edition 97-01, August 1997), provides assistance to determine whether FCC-regulated transmitting facilities, operations or devices comply with guidelines for human exposure to radio frequency electromagnetic fields as adopted by the Commission in 1996. OET Bulletin No. 65 contains the technical information necessary to evaluate compliance with the FCC's policies and guidelines.

The Maximum Permitted Exposure (MPE) level for broadcast facilities that operate on a frequency between 30 MHZ and 300 MHZ is 200 microwatts per centimeter squared ( $\mu\text{W}/\text{cm}^2$ ) for an "uncontrolled" environment, and is 1000 microwatts per centimeter squared ( $\mu\text{W}/\text{cm}^2$ ) for a "controlled" environment. The MPE level for broadcast facilities that operate on a frequency between 300 MHZ and 1500 MHZ, primarily UHF TV stations, is determined, in  $\mu\text{W}/\text{cm}^2$ , for an "uncontrolled" environment by dividing the operating frequency in MHZ by 1.500, and is similarly determined for a "controlled" environment by

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dividing the operating frequency in MHZ by 0.300.

The predicted emissions of WSBT-TV must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WSBT-TV, which will operate on television Channel 29 (560-566 MHZ), the MPE is 375.33 microwatts per centimeter squared ( $\mu\text{W}/\text{cm}^2$ ) in an "uncontrolled" environment and 1,876.7  $\mu\text{W}/\text{cm}^2$  in a "controlled" environment. The proposed WSBT-TV facility will operate with a maximum ERP of 310 kW from a horizontally polarized omni-directional transmitting antenna with a centerline height of 309.1 meters above ground level (AGL). Considering a predicted vertical plane relative field factor of 0.300 the WSBT-TV facility is predicted to produce a power density at two meters above ground level of 9.89  $\mu\text{W}/\text{cm}^2$ , which is 2.64% of the FCC guideline value for an "uncontrolled" environment, and 0.528% of the FCC's guideline value for "controlled" environments. There is one full-power FM station and one FM translator that are also located at the WSBT-TV site. The total estimated percentage of the ANSI value at the proposed site, including the cumulative radiation from all facilities within the relevant proximity, is 8.95% of the limit applicable to "uncontrolled" environments, and 1.79% of the limit for "controlled" environments. (See Appendix A)

**OCCUPATIONAL SAFETY**

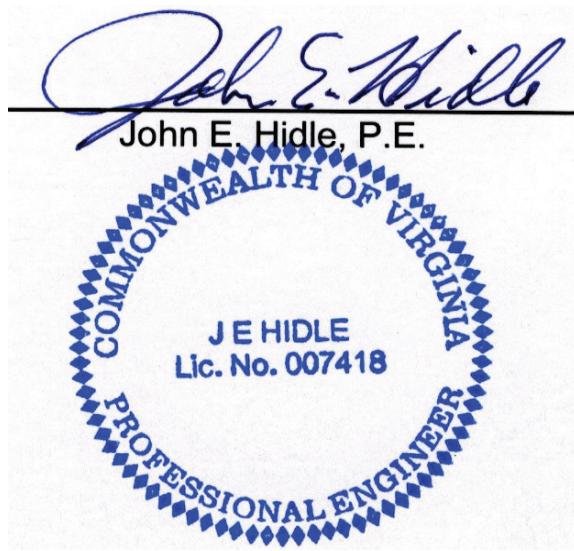
The licensee of WSBT-TV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WSBT-TV antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

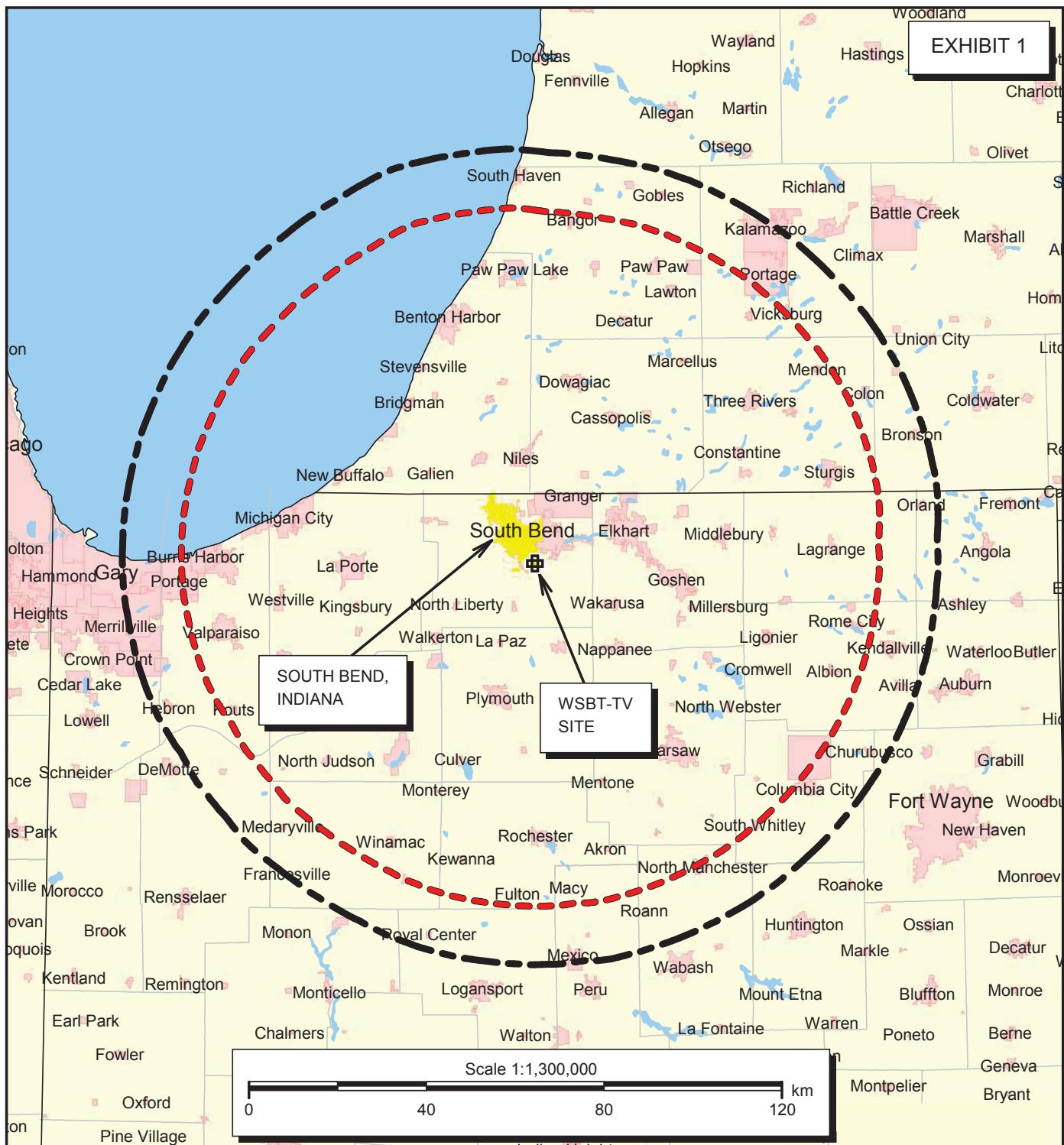
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**SUMMARY**

It is submitted that the instant application for construction permit to change WSBT-TV from channel 22 to channel 29, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 2100, its technical sections, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: July 1, 2017





## PREDICTED COVERAGE CONTOURS

WSBT-TV - SOUTH BEND, INDIANA  
DTV Channel 29 - 310 kW ERP - 332.6 M HAAT  
JUNE, 2017

Predicted Noise Limited 40.23 dBu  
F(50,90) Coverage Contour



Predicted Principal Community 48 dBu  
F(50,90) Coverage Contour

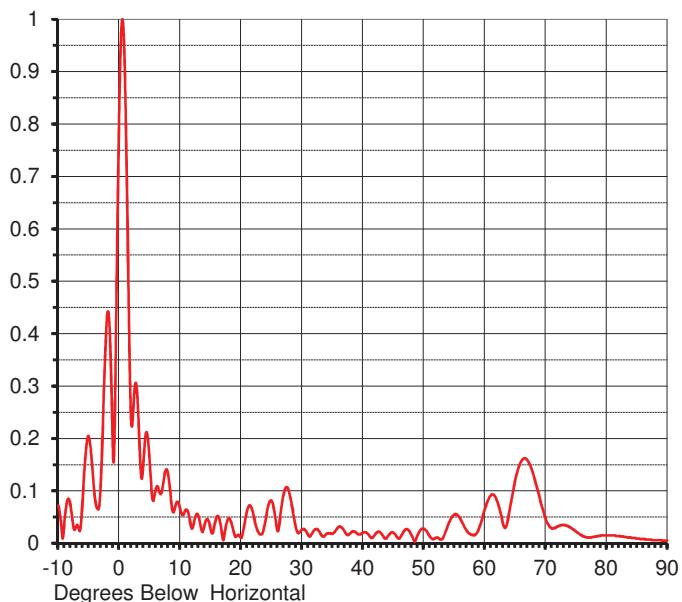
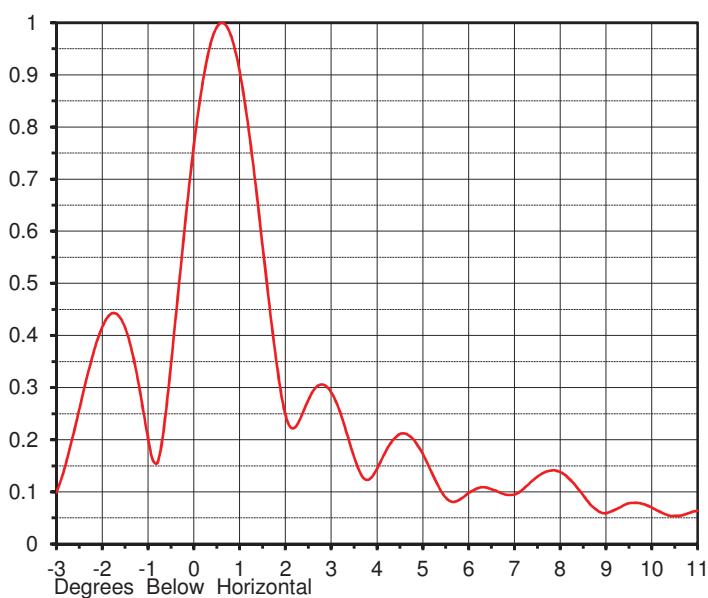
## ELEVATION PATTERN

Proposal No. C-70012  
 Date 23-Mar-17  
 Call Letters WSBT  
 Channel 29  
 Frequency 563 MHz  
 Antenna Type

RMS Directivity at Main Lobe  
 RMS Directivity at Horizontal

**29.6 ( 14.71 dB )**  
**20.4 ( 13.10 dB )**  
**Calculated**

Beam Tilt 0.50 deg  
 Pattern Number



Angle	Field								
-10.0	0.072	10.0	0.065	30.0	0.026	50.0	0.028	70.0	0.046
-9.0	0.039	11.0	0.064	31.0	0.016	51.0	0.013	71.0	0.028
-8.0	0.072	12.0	0.029	32.0	0.025	52.0	0.010	72.0	0.032
-7.0	0.034	13.0	0.052	33.0	0.019	53.0	0.008	73.0	0.035
-6.0	0.084	14.0	0.034	34.0	0.018	54.0	0.036	74.0	0.030
-5.0	0.204	15.0	0.027	35.0	0.018	55.0	0.055	75.0	0.022
-4.0	0.087	16.0	0.051	36.0	0.031	56.0	0.046	76.0	0.014
-3.0	0.123	17.0	0.008	37.0	0.022	57.0	0.024	77.0	0.011
-2.0	0.433	18.0	0.048	38.0	0.020	58.0	0.016	78.0	0.012
-1.0	0.162	19.0	0.013	39.0	0.019	59.0	0.027	79.0	0.015
0.0	0.831	20.0	0.010	40.0	0.020	60.0	0.065	80.0	0.015
1.0	0.855	21.0	0.064	41.0	0.015	61.0	0.092	81.0	0.015
2.0	0.225	22.0	0.055	42.0	0.017	62.0	0.081	82.0	0.014
3.0	0.274	23.0	0.018	43.0	0.019	63.0	0.037	83.0	0.012
4.0	0.162	24.0	0.044	44.0	0.012	64.0	0.058	84.0	0.011
5.0	0.155	25.0	0.081	45.0	0.020	65.0	0.121	85.0	0.009
6.0	0.103	26.0	0.023	46.0	0.009	66.0	0.157	86.0	0.008
7.0	0.099	27.0	0.095	47.0	0.026	67.0	0.158	87.0	0.007
8.0	0.133	28.0	0.091	48.0	0.015	68.0	0.130	88.0	0.006
9.0	0.062	29.0	0.029	49.0	0.016	69.0	0.086	89.0	0.006
									90.0 0.005

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**SUMMARY OF RADIOFREQUENCY  
RADIATION STUDY**

WSBT-TV, South Bend, Indiana  
CHANNEL 29, 310 kW ERP, 332.6 m HAAT  
MAY, 2017

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLARIZATION</u>	<u>ANTENNA HEIGHT **</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>PREDICTED POWER DENSITY (mW/cm<sup>2</sup>)</u>	<u>UNCONTROLLED LIMIT LIMIT (mW/cm<sup>2</sup>)</u>	<u>FCC UNCONTROLLED LIMIT LIMIT (mW/cm<sup>2</sup>)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
W241AD	FM	241	96.1	H & V	150	0.210	1.000	0.00062	0.200	0.31%	
WNSN	FM	268	101.5	H & V	269	13.000	1.000	0.01200	0.200	6.00%	
WSBT-TV	DT	29	563	H	306.9	310.000	0.300	0.00989	0.375	2.64%	

**TOTAL PERCENTAGE OF ANSI VALUE=** 8.95%

\*\* The antenna heights indicated above are 2 meters less than the actual antenna heights so that the predicted power densities consider the 2 meter human height allowance. This evaluation includes facilities collocated at the site, and facilities located within 315 meters.





## WSBT-TV - SOUTH BEND, INDIANA Longley-Rice Interference Analysis

tvstudy v2.2.2  
Database: localhost, Study: WSBT\_29\_333H\_310K, Model: Longley-Rice  
Start: 2017.06.19 13:43:28

Study created: 2017.06.19 13:43:21

Study build station data: LMS TV 2017-06-15 (17)

Proposal: WSBT-TV D29 DT APP SOUTH BEND, IN  
File number: WSBT\_29\_333H\_310K  
Facility ID: 73983  
Station data: User record  
Record ID: 638  
Country: U.S.  
Zone: I

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WEDE-CD	D28	DC	BL	ARLINGTON HEIGHTS, IL	DTVBL66978	121.2 km
WIPX-TV	D28	DT	BL	BLOOMINGTON, IN	DTVBL10253	246.0
WIWU-CD	D28	DC	BL	MARION, IN	DTVBL29292	121.1
WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	160.1
WISN-TV	D28	DT	APP	MILWAUKEE, WI	BLANK0000024946	217.6
WISN-TV	D28	DT	BL	MILWAUKEE, WI	DTVBL65680	217.6
W29CI-D	D29	DC	LIC	SALEM, IL	BLDTA20120913AAP	413.7
WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL6837	362.4
WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.3
WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	360.3
WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	450.2
WPPO	D29	DT	BL	OXFORD, OH	DTVBL25065	311.2
WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	231.4
WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	217.8
WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	1.9
WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	215.0

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: D29  
Latitude: 41 37 0.00 N (NAD83)  
Longitude: 86 13 1.00 W  
Height AMSL: 574.0 m  
HAAT: 332.6 m  
Peak ERP: 310 kW  
Antenna: Omnidirectional

**Appendix B - Interference Analysis  
WSBT-TV - South Bend, Indiana  
Channel 29 - 310 kW - Page 2**

40.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	310 kW	342.9 m	92.6 km
45.0	310	344.9	92.8
90.0	310	322.0	90.5
135.0	310	317.7	90.0
180.0	310	319.1	90.1
225.0	310	318.9	90.1
270.0	310	343.4	92.7
315.0	310	342.7	92.6

Database HAAT does not agree with computed HAAT

Database HAAT: 333 m    Computed HAAT: 331 m

Proposal service area is within baseline plus 1.0%

Proposal service area population is more than 95.0% of baseline

\*\*Proposal is within coordination distance of Canadian border

Distance to Canadian border: 258.4 km

Distance to Mexican border: 1895.1 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 11.0 degrees    Distance: 112.0 km

ERP: 310 kW    Field strength: 46.3 dBu, 0.2 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 270.5 degrees    Distance: 1602.3 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%

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Interference to DTVBL66978 BL, scenario 1

Proposal causes no interference.

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Interference to DTVBL66978 BL, scenario 2

Proposal causes no interference.

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Interference to DTVBL10253 BL, scenario 1

Proposal causes no interference.

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Interference to DTVBL10253 BL, scenario 2

Proposal causes no interference.

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Interference to DTVBL10253 BL, scenario 3

Proposal causes no interference.

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Interference to DTVBL10253 BL, scenario 4

Proposal causes no interference.

**Appendix B - Interference Analysis  
WSBT-TV - South Bend, Indiana  
Channel 29 - 310 kW - Page 3**

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Interference to DTVBL10253 BL, scenario 5  
Proposal causes no interference.

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Interference to DTVBL10253 BL, scenario 6  
Proposal causes no interference.

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Interference to DTVBL29292 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL29292 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL29292 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL29292 BL, scenario 4  
Proposal causes no interference.

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Interference to DTVBL29292 BL, scenario 5  
Proposal causes no interference.

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Interference to DTVBL29292 BL, scenario 6  
Proposal causes no interference.

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Interference to DTVBL74094 BL, scenario 1  
Proposal causes no interference.

---

Interference to DTVBL74094 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL74094 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL74094 BL, scenario 4  
Proposal causes no interference.

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Interference to DTVBL74094 BL, scenario 5  
Proposal causes no interference.

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Interference to DTVBL74094 BL, scenario 6  
Proposal causes no interference.

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Interference to BLANK0000024946 APP, scenario 1  
Proposal causes no interference.

**Appendix B - Interference Analysis  
WSBT-TV - South Bend, Indiana  
Channel 29 - 310 kW - Page 4**

Interference to BLANK0000024946 APP, scenario 2  
Proposal causes no interference.

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Interference to BLANK0000024946 APP, scenario 3  
Proposal causes no interference.

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Interference to BLANK0000024946 APP, scenario 4  
Proposal causes no interference.

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Interference to BLANK0000024946 APP, scenario 5  
Proposal causes no interference.

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Interference to BLANK0000024946 APP, scenario 6  
Proposal causes no interference.

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Interference to DTVBL65680 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL65680 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL65680 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL65680 BL, scenario 4  
Proposal causes no interference.

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Interference to DTVBL65680 BL, scenario 5  
Proposal causes no interference.

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Interference to DTVBL65680 BL, scenario 6  
Proposal causes no interference.

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Interference to BLDTA20120913AAP LIC, scenario 1  
Proposal causes no interference.

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Interference to DTVBL6837 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL6837 BL, scenario 2  
Proposal causes no interference.

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Interference to BLDTA20110812ACT LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	

## Appendix B - Interference Analysis

### WSBT-TV - South Bend, Indiana

#### Channel 29 - 310 kW - Page 5

Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	183.3 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	183.3
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	183.7
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	280.8
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	151.2

Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
3050.1	261,777	3050.1	261,777	3042.2	261,580	3042.2	261,580	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	139	0.0
WSBT-TV D29 DT APP	4.0	139	0.0
WDJT-TV D29 DT BL	8.0	197	4.0
			58
			4.0
			58

#### Interference to BLDTA20110812ACT LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	183.3 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	183.3
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	183.7
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	280.8
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	151.2

Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
3050.1	261,777	3050.1	261,777	3042.2	261,580	3042.2	261,580	0.00	0.00
Undesired	Total IX		Unique IX, before		Unique IX, after				
WSBT-TV D29 DT BL	4.0		139	0.0	0				
WSBT-TV D29 DT APP	4.0		139		0.0	0			
WDJT-TV D29 DT BL	8.0		197	4.0	58	4.0			
						58			

#### Interference to BLCDT20090622AFH LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	360.3 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	360.3
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.7
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	368.2
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	292.5
	WNEM-TV	D30	DT	CP	BAY CITY, MI	BLANK0000024833	172.4
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	358.1

Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
20551.0	358,543	19966.0	353,477	19750.3	351,469	19750.3	351,469	0.00	0.00
Undesired	Total IX		Unique IX, before		Unique IX, after				
WSBT-TV D29 DT BL	8.0		126	0.0	0				
WSBT-TV D29 DT APP	8.0		126		0.0	0			
WOMS-CD D29 DC LIC	4.0		38	0.0	0	0.0	0		
WDJT-TV D29 DT BL	163.6		1,668	155.6	1,542	155.6	1,542		
WNEM-TV D30 DT CP	52.0		340	52.0	340	52.0	340		

#### Interference to BLCDT20090622AFH LIC, scenario 2

## Appendix B - Interference Analysis

WSBT-TV - South Bend, Indiana

Channel 29 - 310 kW - Page 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	

Undesireds:	Call	Chan	DT	BL	SOUTH BEND, IN	File Number	Distance
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	DTVBL73983	360.3 km
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	WSBT_29_333H_310K	360.3
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLDPA20110812ACT	183.7
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	BLEDT20031110AKO	368.2
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL71427	292.5
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	DTVBL41221	172.4
						BLANKCANADA188	358.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
20551.0	358,543	19966.0	353,477	19746.3      351,380      19746.3      351,380      0.00      0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	8.0	126	0.0      0
WSBT-TV D29 DT APP	8.0	126	0.0      0
WOMS-CD D29 DC LIC	4.0	38	0.0      0
WDJT-TV D29 DT BL	163.6	1,668	155.6      1,542      155.6      1,542
WNEM-TV D30 DT BL	56.0	429	56.0      429      56.0      429

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Interference to DTVBL49439 BL, scenario 1

Proposal causes no interference.

-----  
Interference to DTVBL49439 BL, scenario 2

Proposal causes no interference.

-----  
Interference to DTVBL49439 BL, scenario 3

Proposal causes no interference.

-----  
Interference to DTVBL49439 BL, scenario 4

Proposal causes no interference.

-----  
Interference to DTVBL49439 BL, scenario 5

Proposal causes no interference.

-----  
Interference to DTVBL49439 BL, scenario 6

Proposal causes no interference.

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Interference to DTVBL25065 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	

Undesireds:	Call	Chan	DT	BL	SOUTH BEND, IN	File Number	Distance
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	DTVBL73983	311.2 km
	WIPX-TV	D28	DT	BL	BLOOMINGTON, IN	WSBT_29_333H_310K	311.2
	WLEX-TV	D28	DT	BL	LEXINGTON, KY	DTVBL10253	140.9
	WSYX	D28	DT	BL	COLUMBUS, OH	DTVBL73203	121.6
	WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL56549	159.2
	WKGB-TV	D29	DT	BL	BOWLING GREEN, KY	DTVBL6837	139.1
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL34177	290.4
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	DTVBL49439	367.6
	WKOP-TV	D29	DT	CP	KNOXVILLE, TN	BLEDT20031110AKO	297.2
						BLANK0000024513	351.4

## Appendix B - Interference Analysis

### WSBT-TV - South Bend, Indiana

#### Channel 29 - 310 kW - Page 7

WCHS-TV	D29	DT	BL	CHARLESTON, WV	DTVBL71280	242.5
WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	139.4
WKMR	D30	DT	BL	MOREHEAD, KY	DTVBL34202	144.5
<b>Service area</b>	<b>Terrain-limited</b>			<b>IX-free, before</b>	<b>IX-free, after</b>	<b>Percent New IX</b>
20962.3	2,911,384	20749.8	2,882,798	20093.8	2,870,779	20093.8 2,870,779 0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	16.0	594	12.0 360
WSBT-TV D29 DT APP	16.0	594	12.0 360
WIPX-TV D28 DT BL	4.0	21	0.0 0 0
WLEX-TV D28 DT BL	4.0	3	0.0 0 0
WJYL-CD D29 DC BL	392.0	3,186	368.0 2,905 368.0 2,905
WNEO D29 DT BL	8.0	153	0.0 0 0
WCHS-TV D29 DT BL	268.0	8,730	248.1 8,239 248.1 8,239

#### Interference to DTVBL25065 BL, scenario 2

Desired:	Call WPTO	Chan D29	Svc DT	Status BL	City, State OXFORD, OH	File Number DTVBL25065	Distance
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	311.2 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	311.2
	WIPX-TV	D28	DT	BL	BLOOMINGTON, IN	DTVBL10253	140.9
	WLEX-TV	D28	DT	BL	LEXINGTON, KY	DTVBL73203	121.6
	WSYX	D28	DT	BL	COLUMBUS, OH	DTVBL56549	159.2
	WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL6837	139.1
	WKGB-TV	D29	DT	BL	BOWLING GREEN, KY	DTVBL34177	290.4
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	367.6
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	297.2
	WKOP-TV	D29	DT	BL	KNOXVILLE, TN	DTVBL18267	351.4
	WCHS-TV	D29	DT	BL	CHARLESTON, WV	DTVBL71280	242.5
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	139.4
	WKMR	D30	DT	BL	MOREHEAD, KY	DTVBL34202	144.5

<b>Service area</b>	<b>Terrain-limited</b>		<b>IX-free, before</b>	<b>IX-free, after</b>	<b>Percent New IX</b>
20962.3	2,911,384	20749.8	2,882,798	20093.8 2,870,779	20093.8 2,870,779 0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	16.0	594	12.0 360
WSBT-TV D29 DT APP	16.0	594	12.0 360
WIPX-TV D28 DT BL	4.0	21	0.0 0 0
WLEX-TV D28 DT BL	4.0	3	0.0 0 0
WJYL-CD D29 DC BL	392.0	3,186	368.0 2,905 368.0 2,905
WNEO D29 DT BL	8.0	153	0.0 0 0
WCHS-TV D29 DT BL	268.0	8,730	248.1 8,239 248.1 8,239

#### Interference to DTVBL25065 BL, scenario 3

Desired:	Call WPTO	Chan D29	Svc DT	Status BL	City, State OXFORD, OH	File Number DTVBL25065	Distance
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	311.2 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	311.2
	WIPX-TV	D28	DT	BL	BLOOMINGTON, IN	DTVBL10253	140.9
	WLEX-TV	D28	DT	BL	LEXINGTON, KY	DTVBL73203	121.6
	WSYX	D28	DT	BL	COLUMBUS, OH	DTVBL56549	159.2
	WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL6837	139.1
	WKGB-TV	D29	DT	BL	BOWLING GREEN, KY	DTVBL34177	290.4

## Appendix B - Interference Analysis

WSBT-TV - South Bend, Indiana

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WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	367.6
WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	297.2
WKOP-TV	D29	DT	CP	KNOXVILLE, TN	BLANK0000024513	351.4
WCHS-TV	D29	DT	BL	CHARLESTON, WV	DTVBL71280	242.5
WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	139.4
WKMR	D30	DT	BL	MOREHEAD, KY	DTVBL34202	144.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX	
20962.3	2,911,384	20749.8	2,882,798	20093.8 2,870,779	20093.8 2,870,779 0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	16.0	594	12.0 360
WSBT-TV D29 DT APP	16.0	594	12.0 360
WIPX-TV D28 DT BL	4.0	21	0.0 0
WLEX-TV D28 DT BL	4.0	3	0.0 0
WJYL-CD D29 DC BL	392.0	3,186	368.0 2,905
WNEO D29 DT BL	8.0	153	0.0 0
WCHS-TV D29 DT BL	268.0	8,730	248.1 8,239

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Interference to DTVBL25065 BL, scenario 4

Desired:	Call WPTO	Chan D29	Svc DT	Status BL	City, State OXFORD, OH	File Number DTVBL25065	Distance
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	311.2 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	311.2
	WIPX-TV	D28	DT	BL	BLOOMINGTON, IN	DTVBL10253	140.9
	WLEX-TV	D28	DT	BL	LEXINGTON, KY	DTVBL73203	121.6
	WSYX	D28	DT	BL	COLUMBUS, OH	DTVBL56549	159.2
	WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL6837	139.1
	WKGB-TV	D29	DT	BL	BOWLING GREEN, KY	DTVBL34177	290.4
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	367.6
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	297.2
	WKOP-TV	D29	DT	BL	KNOXVILLE, TN	DTVBL18267	351.4
	WCHS-TV	D29	DT	BL	CHARLESTON, WV	DTVBL71280	242.5
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	139.4
	WKMR	D30	DT	BL	MOREHEAD, KY	DTVBL34202	144.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX	
20962.3	2,911,384	20749.8	2,882,798	20093.8 2,870,779	20093.8 2,870,779 0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	16.0	594	12.0 360
WSBT-TV D29 DT APP	16.0	594	12.0 360
WIPX-TV D28 DT BL	4.0	21	0.0 0
WLEX-TV D28 DT BL	4.0	3	0.0 0
WJYL-CD D29 DC BL	392.0	3,186	368.0 2,905
WNEO D29 DT BL	8.0	153	0.0 0
WCHS-TV D29 DT BL	268.0	8,730	248.1 8,239

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Interference to BLEDT20031110AKO LIC, scenario 1

Desired:	Call WGTE-TV	Chan D29	Svc DT	Status LIC	City, State TOLEDO, OH	File Number BLEDT20031110AKO	Distance
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	APP	DETROIT, MI	BLANK0000024873	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1

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**WSBT-TV - South Bend, Indiana**  
**Channel 29 - 310 kW - Page 9**

WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
16227.4 2,210,496	16223.4 2,208,927	16203.5 2,207,615	16203.5 2,207,615	0.00 0.00
2188.8 143,122	2188.8 143,122	2188.8 143,122	2188.8 143,122	0.00 0.00
0.00 (in Canada)				

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	8.0	818	0.0 0
WSBT-TV D29 DT APP	8.0	818	0.0 0
WSYM-TV D28 DT BL	12.0	1,105	8.0 453
WNEO D29 DT BL	12.0	859	4.0 41

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Interference to BLEDT20031110AKO LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
WGTE-TV	D29	DT	LIC		TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	CP	DETROIT, MI	BLANK0000024873	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
16227.4 2,210,496	16223.4 2,208,927	16203.5 2,207,615	16203.5 2,207,615	0.00 0.00
2188.8 143,122	2188.8 143,122	2188.8 143,122	2188.8 143,122	0.00 0.00
(in Canada)				

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	8.0	818	0.0 0
WSBT-TV D29 DT APP	8.0	818	0.0 0
WSYM-TV D28 DT BL	12.0	1,105	8.0 453
WNEO D29 DT BL	12.0	859	4.0 41

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Interference to BLEDT20031110AKO LIC, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
WGTE-TV	D29	DT	LIC		TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	BL	DETROIT, MI	DTVBL168471	81.5

## Appendix B - Interference Analysis

WSBT-TV - South Bend, Indiana

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WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0	818	0.0	0	
WSBT-TV D29 DT APP	8.0	818		0.0	0
WSYM-TV D28 DT BL	12.0	1,105	8.0	453	8.0
WNEO D29 DT BL	12.0	859	4.0	41	4.0

### Interference to BLEDT20031110AKO LIC, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	APP	DETROIT, MI	BLANK0000024873	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0	818	0.0	0	
WSBT-TV D29 DT APP	8.0	818		0.0	0
WSYM-TV D28 DT BL	12.0	1,105	8.0	453	8.0
WNEO D29 DT BL	12.0	859	4.0	41	4.0

### Interference to BLEDT20031110AKO LIC, scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4

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WLPC-CD	D28	DC	CP	DETROIT, MI		BLANK0000024873	81.5
WSYM-TV	D28	DT	BL	LANSING, MI		DTVBL74094	135.1
WOMS-CD	D29	DC	LIC	MUSKEGON, MI		BLDTA20110812ACT	280.8
WGTV	D29	DT	LIC	TRAVERSE CITY, MI		BLCDT20090622AFH	368.2
WNEO	D29	DT	BL	ALLIANCE, OH		DTVBL49439	226.5
WPTO	D29	DT	BL	OXFORD, OH		DTVBL25065	297.2
WWAT-CD	D29	DC	BL	CHARLEROI, PA		DTVBL257	375.9
CICO-DT-59D28	DT	LIC		CHATHAM, ON		BLANKCANADA167	141.9
CKVP-DT	D29	DT	LIC	FONTHILL, ON		BLANKCANADA172	373.0
CFMT-DT-1	D29	DT	LIC	LONDON, ON		BLANKCANADA188	223.5
CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON		BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	8.0	818	0.0
WSBT-TV D29 DT APP	8.0	818	0.0
WSYM-TV D28 DT BL	12.0	1,105	8.0
WNEO D29 DT BL	12.0	859	4.0

### Interference to BLEDT20031110AKO LIC, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	BL	DETROIT, MI	DTVBL168471	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	8.0	818	0.0
WSBT-TV D29 DT APP	8.0	818	0.0
WSYM-TV D28 DT BL	12.0	1,105	8.0
WNEO D29 DT BL	12.0	859	4.0

### Interference to BLEDT20031110AKO LIC, scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km

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WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
WLPC-CD	D28	DC	APP	DETROIT, MI	BLANK0000024873	81.5
WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	0.00
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	0.00
(in Canada)							

Undesired			Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0		818	0.0	0	0.0	0
WSBT-TV D29 DT APP	8.0		818				
WSYM-TV D28 DT BL	12.0		1,105	8.0	453	8.0	453
WNEO D29 DT BL	12.0		859	4.0	41	4.0	41

#### Interference to BLEDT20031110AKO LIC, scenario 8

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	CP	DETROIT, MI	BLANK0000024873	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	0.00
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	0.00
(in Canada)							

Undesired			Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0		818	0.0	0	0.0	0
WSBT-TV D29 DT APP	8.0		818				
WSYM-TV D28 DT BL	12.0		1,105	8.0	453	8.0	453
WNEO D29 DT BL	12.0		859	4.0	41	4.0	41

#### Interference to BLEDT20031110AKO LIC, scenario 9

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	

## Appendix B - Interference Analysis

### WSBT-TV - South Bend, Indiana

#### Channel 29 - 310 kW - Page 13

Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	BL	DETROIT, MI	DTVBL168471	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0	818	0.0	0	
WSBT-TV D29 DT APP	8.0	818		0.0	0
WSYM-TV D28 DT BL	12.0	1,105	8.0	453	8.0 453
WNEO D29 DT BL	12.0	859	4.0	41	4.0 41

#### Interference to BLEDT20031110AKO LIC, scenario 10

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	APP	DETROIT, MI	BLANK0000024873	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0	818	0.0	0	
WSBT-TV D29 DT APP	8.0	818		0.0	0
WSYM-TV D28 DT BL	12.0	1,105	8.0	453	8.0 453
WNEO D29 DT BL	12.0	859	4.0	41	4.0 41

#### Interference to BLEDT20031110AKO LIC, scenario 11

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	

**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
**Channel 29 - 310 kW - Page 14**

Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	CP	DETROIT, MI	BLANK0000024873	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0	818	0.0	0	
WSBT-TV D29 DT APP	8.0	818		0.0	0
WSYM-TV D28 DT BL	12.0	1,105	8.0	453	8.0 453
WNEO D29 DT BL	12.0	859	4.0	41	4.0 41

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Interference to BLEDT20031110AKO LIC, scenario 12

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	231.4 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	231.4
	WLPC-CD	D28	DC	BL	DETROIT, MI	DTVBL168471	81.5
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	135.1
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	280.8
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	368.2
	WNEO	D29	DT	BL	ALLIANCE, OH	DTVBL49439	226.5
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	297.2
	WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	375.9
	CICO-DT-59D28	DT	LIC		CHATHAM, ON	BLANKCANADA167	141.9
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	373.0
	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	223.5
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	80.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16227.4	2,210,496	16223.4	2,208,927	16203.5	2,207,615	16203.5	2,207,615
2188.8	143,122	2188.8	143,122	2188.8	143,122	2188.8	143,122
(in Canada)							

Undesired	Total IX	Unique IX, before		Unique IX, after	
WSBT-TV D29 DT BL	8.0	818	0.0	0	
WSBT-TV D29 DT APP	8.0	818		0.0	0
WSYM-TV D28 DT BL	12.0	1,105	8.0	453	8.0 453
WNEO D29 DT BL	12.0	859	4.0	41	4.0 41

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Interference to DTVBL71427 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	

## Appendix B - Interference Analysis

### WSBT-TV - South Bend, Indiana

#### Channel 29 - 310 kW - Page 15

Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	217.7 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	217.8
	WEDE-CD	D28	DC	BL	ARLINGTON HEIGHTS, IL	DTVBL66978	139.1
	WISN-TV	D28	DT	APP	MILWAUKEE, WI	BLANK0000024946	0.2
	KGAN	D29	DT	LIC	CEDAR RAPIDS, IA	BLCDT20140416AAI	332.7
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	151.2
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	292.5
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	2.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
27423.3	3,085,540	27278.7	3,081,690	26987.0    3,055,382    26987.0    3,055,382    0.00    0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	128.0	14,436	100.1    12,342
WSBT-TV D29 DT APP	128.0	14,436	100.1    12,342
KGAN D29 DT LIC	179.6	11,158	143.7    8,997    143.7    8,997
WPXE-TV D30 DT BL	24.0	2,936	12.0    2,808    12.0    2,808

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#### Interference to DTVBL71427 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	217.7 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	217.8
	WEDE-CD	D28	DC	BL	ARLINGTON HEIGHTS, IL	DTVBL66978	139.1
	WISN-TV	D28	DT	BL	MILWAUKEE, WI	DTVBL65680	0.2
	KGAN	D29	DT	LIC	CEDAR RAPIDS, IA	BLCDT20140416AAI	332.7
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	151.2
	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	292.5
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	2.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
27423.3	3,085,540	27278.7	3,081,690	26987.0    3,055,382    26987.0    3,055,382    0.00    0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	128.0	14,436	100.1    12,342
WSBT-TV D29 DT APP	128.0	14,436	100.1    12,342
KGAN D29 DT LIC	179.6	11,158	143.7    8,997    143.7    8,997
WPXE-TV D30 DT BL	24.0	2,936	12.0    2,808    12.0    2,808

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#### Interference to DTVBL74007 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	CP	BAY CITY, MI	BLANK0000024833	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	CP	SOUTH BEND, IN	BLANK0000024784	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)	D30	DC	LIC	LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
**Channel 29 - 310 kW - Page 16**

23649.0	1,522,483	23649.0	1,522,483	23592.6	1,514,103	23596.6	1,514,485	-0.02	-0.03
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Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	4.0 382
WSBT-TV D29 DT APP	0.0	0	0.0 0
WNEM-TV D30 DT CP	20.0	5,624	20.0 5,624
WPXE-TV D30 DT BL	28.3	2,363	28.3 2,363
WNIT D31 DT CP	4.1	11	4.1 11

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Interference to DTVBL74007 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	CP	BAY CITY, MI	BLANK0000024833	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	CP	SOUTH BEND, IN	BLANK0000024784	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23649.0	1,522,483	23649.0	1,522,483	23592.6 1,514,103 23596.6 1,514,485 -0.02 -0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	4.0 382
WSBT-TV D29 DT APP	0.0	0	0.0 0
WNEM-TV D30 DT CP	20.0	5,624	20.0 5,624
WPXE-TV D30 DT BL	28.3	2,363	28.3 2,363
WNIT D31 DT CP	4.1	11	4.1 11

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Interference to DTVBL74007 BL, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	CP	SOUTH BEND, IN	BLANK0000024784	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23649.0	1,522,483	23649.0	1,522,483	23584.7 1,511,462 23584.7 1,511,462 0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	0.0 0
WSBT-TV D29 DT APP	0.0	0	0.0 0

**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
**Channel 29 - 310 kW - Page 17**

WNEM-TV D30 DT BL	32.0	8,647	28.0	8,265	32.0	8,647
WPXE-TV D30 DT BL	28.3	2,363	28.3	2,363	28.3	2,363
WNIT D31 DT CP	4.1	11	4.1	11	4.1	11

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**Interference to DTVBL74007 BL, scenario 4**

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	CP	SOUTH BEND, IN	BLANK0000024784	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
23649.0	1,522,483	23649.0	1,522,483	23584.7	1,511,462	23584.7	1,511,462	0.00	0.00

Undesired	Total IX	Unique IX, before		Unique IX, after		
WSBT-TV D29 DT BL	4.0	382	0.0	0		
WSBT-TV D29 DT APP	0.0	0		0.0	0	
WNEM-TV D30 DT BL	32.0	8,647	28.0	8,265	32.0	8,647
WPXE-TV D30 DT BL	28.3	2,363	28.3	2,363	28.3	2,363
WNIT D31 DT CP	4.1	11	4.1	11	4.1	11

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**Interference to DTVBL74007 BL, scenario 5**

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	CP	BAY CITY, MI	BLANK0000024833	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	CP	SOUTH BEND, IN	BLANK0000024784	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
23649.0	1,522,483	23649.0	1,522,483	23592.6	1,514,103	23596.6	1,514,485	-0.02	-0.03

Undesired	Total IX	Unique IX, before		Unique IX, after		
WSBT-TV D29 DT BL	4.0	382	4.0	382		
WSBT-TV D29 DT APP	0.0	0		0.0	0	
WNEM-TV D30 DT CP	20.0	5,624	20.0	5,624	20.0	5,624
WPXE-TV D30 DT BL	28.3	2,363	28.3	2,363	28.3	2,363
WNIT D31 DT CP	4.1	11	4.1	11	4.1	11

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**WSBT-TV - South Bend, Indiana**  
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Interference to DTVBL74007 BL, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Undesireds:	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
WSBT-TV	D29	DT	BL		SOUTH BEND, IN	DTVBL73983	1.9 km
WSBT-TV	D29	DT	APP		SOUTH BEND, IN	WSBT_29_333H_310K	1.9
WOMS-CD	D29	DC	LIC		MUSKEGON, MI	BLDTA20110812ACT	183.2
KLJB	D30	DT	BL		DAVENPORT, IA	DTVBL54011	350.2
WEIU-TV	D30	DT	BL		CHARLESTON, IL	DTVBL18301	288.9
WKPC-TV	D30	DT	BL		LOUISVILLE, KY	DTVBL21432	362.5
WNEM-TV	D30	DT	CP		BAY CITY, MI	BLANK0000024833	282.0
WPXE-TV	D30	DT	BL		KENOSHA, WI	DTVBL37104	216.3
WNIT	D31	DT	CP		SOUTH BEND, IN	BLANK0000024784	0.5
WMKG-CD	D31	DC	BL		MUSKEGON, MI	DTVBL33869	181.8
CFTV-DT(1)D30	DC	LIC			LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23649.0	1,522,483	23649.0	1,522,483	23592.6
				1,514,103
				23596.6
				1,514,485
				-0.02
				-0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	4.0
WSBT-TV D29 DT APP	0.0	0	0.0
WNEM-TV D30 DT CP	20.0	5,624	20.0
WPXE-TV D30 DT BL	28.3	2,363	28.3
WNIT D31 DT CP	4.1	11	4.1
			11

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Interference to DTVBL74007 BL, scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Undesireds:	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
WSBT-TV	D29	DT	BL		SOUTH BEND, IN	DTVBL73983	1.9 km
WSBT-TV	D29	DT	APP		SOUTH BEND, IN	WSBT_29_333H_310K	1.9
WOMS-CD	D29	DC	LIC		MUSKEGON, MI	BLDTA20110812ACT	183.2
KLJB	D30	DT	BL		DAVENPORT, IA	DTVBL54011	350.2
WEIU-TV	D30	DT	BL		CHARLESTON, IL	DTVBL18301	288.9
WKPC-TV	D30	DT	BL		LOUISVILLE, KY	DTVBL21432	362.5
WNEM-TV	D30	DT	BL		BAY CITY, MI	DTVBL41221	282.0
WPXE-TV	D30	DT	BL		KENOSHA, WI	DTVBL37104	216.3
WNIT	D31	DT	CP		SOUTH BEND, IN	BLANK0000024784	0.5
WMKG-CD	D31	DC	BL		MUSKEGON, MI	DTVBL33869	181.8
CFTV-DT(1)D30	DC	LIC			LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23649.0	1,522,483	23649.0	1,522,483	23584.7
				1,511,462
				23584.7
				1,511,462
				0.00
				0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	0.0
WSBT-TV D29 DT APP	0.0	0	0.0
WNEM-TV D30 DT BL	32.0	8,647	28.0
WPXE-TV D30 DT BL	28.3	2,363	28.3
WNIT D31 DT CP	4.1	11	4.1
			11

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Interference to DTVBL74007 BL, scenario 8

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Undesireds:	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	

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Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	CP	SOUTH BEND, IN	BLANK0000024784	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)	D30	DC	LIC	LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
23649.0	1,522,483	23649.0	1,522,483	23584.7	1,511,462	23584.7	1,511,462	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	0.0
WSBT-TV D29 DT APP	0.0	0	0.0
WNEM-TV D30 DT BL	32.0	8,647	28.0
WPXE-TV D30 DT BL	28.3	2,363	28.3
WNIT D31 DT CP	4.1	11	4.1

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Interference to DTVBL74007 BL, scenario 9

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	CP	BAY CITY, MI	BLANK0000024833	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	BL	SOUTH BEND, IN	DTVBL41671	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)	D30	DC	LIC	LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
23649.0	1,522,483	23649.0	1,522,483	23592.6	1,514,103	23596.6	1,514,485	-0.02	-0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	4.0
WSBT-TV D29 DT APP	0.0	0	0.0
WNEM-TV D30 DT CP	20.0	5,624	20.0
WPXE-TV D30 DT BL	28.3	2,363	28.3
WNIT D31 DT BL	4.1	11	4.1

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Interference to DTVBL74007 BL, scenario 10

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9

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WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
WNEM-TV	D30	DT	CP	BAY CITY, MI	BLANK0000024833	282.0
WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
WNIT	D31	DT	BL	SOUTH BEND, IN	DTVBL41671	0.5
WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
23649.0	1,522,483	23649.0	1,522,483	23592.6	1,514,103	23596.6	1,514,485	-0.02	-0.03

Undesired	Total IX	Unique IX, before	Unique IX, after			
WSBT-TV D29 DT BL	4.0	382	4.0	382	0.0	0
WSBT-TV D29 DT APP	0.0	0				
WNEM-TV D30 DT CP	20.0	5,624	20.0	5,624	20.0	5,624
WPXE-TV D30 DT BL	28.3	2,363	28.3	2,363	28.3	2,363
WNIT D31 DT BL	4.1	11	4.1	11	4.1	11

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Interference to DTVBL74007 BL, scenario 11

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	BL	SOUTH BEND, IN	DTVBL41671	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
23649.0	1,522,483	23649.0	1,522,483	23584.7	1,511,462	23584.7	1,511,462	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after			
WSBT-TV D29 DT BL	4.0	382	0.0	0	0.0	0
WSBT-TV D29 DT APP	0.0	0				
WNEM-TV D30 DT BL	32.0	8,647	28.0	8,265	32.0	8,647
WPXE-TV D30 DT BL	28.3	2,363	28.3	2,363	28.3	2,363
WNIT D31 DT BL	4.1	11	4.1	11	4.1	11

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Interference to DTVBL74007 BL, scenario 12

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	BL	SOUTH BEND, IN	DTVBL41671	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8

**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
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Service area 23649.0	1,522,483	Terrain-limited 23649.0	DC LIC 1,522,483	LEAMINGTON, ON	BLANKCANLP389	299.3
Undesired		Total IX		Unique IX, before		Unique IX, after
WSBT-TV D29 DT BL	4.0	382		0.0	0	
WSBT-TV D29 DT APP	0.0	0			0.0	0
WNEM-TV D30 DT BL	32.0	8,647		28.0	8,265	32.0
WPXE-TV D30 DT BL	28.3	2,363		28.3	2,363	28.3
WNIT D31 DT BL	4.1	11		4.1	11	4.1
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Interference to DTVBL74007 BL, scenario 13						
Desired:	Call WSJV	Chan D30	Svc DT	Status BL	City, State ELKHART, IN	File Number DTVBL74007
Undesireds:	WSBT-TV D29	DT BL			SOUTH BEND, IN	DTVBL73983
	WSBT-TV D29	DT APP			SOUTH BEND, IN	WSBT_29_333H_310K
	WOMS-CD D29	DC LIC			MUSKEGON, MI	BLDTA20110812ACT
	KLJB D30	DT BL			DAVENPORT, IA	DTVBL54011
	WEIU-TV D30	DT BL			CHARLESTON, IL	DTVBL18301
	WKPC-TV D30	DT BL			LOUISVILLE, KY	DTVBL21432
	WNEM-TV D30	DT CP			BAY CITY, MI	BLANK0000024833
	WPXE-TV D30	DT BL			KENOSHA, WI	DTVBL37104
	WNIT D31	DT BL			SOUTH BEND, IN	DTVBL41671
	WMKG-CD D31	DC BL			MUSKEGON, MI	DTVBL33869
	CFTV-DT(1)D30	DC LIC			LEAMINGTON, ON	BLANKCANLP389
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Service area 23649.0	1,522,483	Terrain-limited 23649.0		IX-free, before 23592.6	IX-free, after 23596.6	Percent New IX -0.02
Undesired		Total IX		Unique IX, before		Unique IX, after
WSBT-TV D29 DT BL	4.0	382		4.0	382	
WSBT-TV D29 DT APP	0.0	0			0.0	0
WNEM-TV D30 DT CP	20.0	5,624		20.0	5,624	20.0
WPXE-TV D30 DT BL	28.3	2,363		28.3	2,363	28.3
WNIT D31 DT BL	4.1	11		4.1	11	4.1
-----						
Interference to DTVBL74007 BL, scenario 14						
Desired:	Call WSJV	Chan D30	Svc DT	Status BL	City, State ELKHART, IN	File Number DTVBL74007
Undesireds:	WSBT-TV D29	DT BL			SOUTH BEND, IN	DTVBL73983
	WSBT-TV D29	DT APP			SOUTH BEND, IN	WSBT_29_333H_310K
	WOMS-CD D29	DC LIC			MUSKEGON, MI	BLDTA20110812ACT
	KLJB D30	DT BL			DAVENPORT, IA	DTVBL54011
	WEIU-TV D30	DT BL			CHARLESTON, IL	DTVBL18301
	WKPC-TV D30	DT BL			LOUISVILLE, KY	DTVBL21432
	WNEM-TV D30	DT CP			BAY CITY, MI	BLANK0000024833
	WPXE-TV D30	DT BL			KENOSHA, WI	DTVBL37104
	WNIT D31	DT BL			SOUTH BEND, IN	DTVBL41671
	WMKG-CD D31	DC BL			MUSKEGON, MI	DTVBL33869
	CFTV-DT(1)D30	DC LIC			LEAMINGTON, ON	BLANKCANLP389
-----						
Service area 23649.0	1,522,483	Terrain-limited 23649.0		IX-free, before 23592.6	IX-free, after 23596.6	Percent New IX -0.02

**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
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Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	4.0 382
WSBT-TV D29 DT APP	0.0	0	0.0 0
WNEM-TV D30 DT CP	20.0	5,624	20.0 5,624
WPXE-TV D30 DT BL	28.3	2,363	28.3 2,363
WNIT D31 DT BL	4.1	11	4.1 11

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Interference to DTVBL74007 BL, scenario 15

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	BL	SOUTH BEND, IN	DTVBL41671	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23649.0 1,522,483	23649.0 1,522,483	23584.7 1,511,462	23584.7 1,511,462	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	0.0 0
WSBT-TV D29 DT APP	0.0	0	0.0 0
WNEM-TV D30 DT BL	32.0	8,647	28.0 8,265
WPXE-TV D30 DT BL	28.3	2,363	28.3 2,363
WNIT D31 DT BL	4.1	11	4.1 11

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Interference to DTVBL74007 BL, scenario 16

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	
Undesireds:	WSBT-TV	D29	DT	BL	SOUTH BEND, IN	DTVBL73983	1.9 km
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	1.9
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.2
	KLJB	D30	DT	BL	DAVENPORT, IA	DTVBL54011	350.2
	WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	288.9
	WKPC-TV	D30	DT	BL	LOUISVILLE, KY	DTVBL21432	362.5
	WNEM-TV	D30	DT	BL	BAY CITY, MI	DTVBL41221	282.0
	WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	216.3
	WNIT	D31	DT	BL	SOUTH BEND, IN	DTVBL41671	0.5
	WMKG-CD	D31	DC	BL	MUSKEGON, MI	DTVBL33869	181.8
	CFTV-DT(1)D30	DC	LIC		LEAMINGTON, ON	BLANKCANLP389	299.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23649.0 1,522,483	23649.0 1,522,483	23584.7 1,511,462	23584.7 1,511,462	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSBT-TV D29 DT BL	4.0	382	0.0 0
WSBT-TV D29 DT APP	0.0	0	0.0 0
WNEM-TV D30 DT BL	32.0	8,647	28.0 8,265
WPXE-TV D30 DT BL	28.3	2,363	28.3 2,363

**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
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WNIT D31 DT BL                  4.1                  11                  4.1                  11                  4.1                  11

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Interference to DTVBL37104 BL, scenario 1  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 2  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 3  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 4  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 5  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 6  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 7  
 Proposal causes no interference.

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Interference to DTVBL37104 BL, scenario 8  
 Proposal causes no interference.

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Interference to proposal, scenario 1  
 0.96% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	
Undesireds:	WEDE-CD	D28	DC	BL	ARLINGTON HEIGHTS, IL	DTVBL66978	121.2 km
	WIWU-CD	D28	DC	BL	MARION, IN	DTVBL29292	121.1
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	160.1
	WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL6837	362.4
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.3
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	360.3
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	311.2
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	231.4
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	217.8
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	1.9

Service area	Terrain-limited	IX-free	Percent IX
26301.2    1,690,863	26285.2    1,681,805	26184.5    1,665,634	0.38    0.96

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOMS-CD D29 DC LIC	8.0    404	4.0    277	0.02    0.02
WGTE-TV D29 DT LIC	8.0    1,224	0.0    0	0.00    0.00
WDJT-TV D29 DT BL	88.6    15,747	80.7    14,523	0.31    0.86
WSJV D30 DT BL	8.1    147	8.1    147	0.03    0.01

**Appendix B - Interference Analysis**  
**WSBT-TV - South Bend, Indiana**  
**Channel 29 - 310 kW - Page 24**

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**Interference to proposal, scenario 2**

**0.96% interference**

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSBT-TV	D29	DT	APP	SOUTH BEND, IN	WSBT_29_333H_310K	
Undesireds:	WEDE-CD	D28	DC	BL	ARLINGTON HEIGHTS, IL	DTVBL66978	121.2 km
	WIWU-CD	D28	DC	BL	MARION, IN	DTVBL29292	121.1
	WSYM-TV	D28	DT	BL	LANSING, MI	DTVBL74094	160.1
	WJYL-CD	D29	DC	BL	JEFFERSONVILLE, IN	DTVBL6837	362.4
	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	183.3
	WGTV	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	360.3
	WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	311.2
	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	231.4
	WDJT-TV	D29	DT	BL	MILWAUKEE, WI	DTVBL71427	217.8
	WSJV	D30	DT	BL	ELKHART, IN	DTVBL74007	1.9
Service area							
26301.2	1,690,863	26285.2	1,681,805	26184.5	IX-free 1,665,634	Percent IX 0.38	0.96
Undesired							
WOMS-CD D29 DC LIC		8.0		404	Unique IX 4.0	Prcnt Unique IX 0.02	0.02
WGTE-TV D29 DT LIC		8.0		1,224	0.0	0.00	0.00
WDJT-TV D29 DT BL		88.6		15,747	80.7	0.31	0.86
WSJV D30 DT BL		8.1		147	8.1	0.03	0.01